Pike-Murtho Numerical Groundwater Model 2014

Volume 2: Appendices

DEWNR Technical report 2014/05

Government of South Australia
Department of Environment, Water and Natural Resources

PIKE-MURTHO NUMERICAL GROUNDWATER MODEL 2014

VOLUME 2: APPENDICES

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June, 2014

Technical Report DEWNR 2014/05

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FOREWORD

The Department of Environment, Water and Natural Resources (DEWNR) is responsible for the management of the State's natural resources, ranging from policy leadership to on-ground delivery in consultation with government, industry and communities.

High-quality science and effective monitoring provides the foundation for the successful management of our environment and natural resources. This is achieved through undertaking appropriate research, investigations, assessments, monitoring and evaluation.

DEWNR's strong partnerships with educational and research institutions, industries, government agencies, Natural Resources Management Boards and the community ensures that there is continual capacity building across the sector and that the best skills and expertise are used to inform decision making.

Allan Holmes
CHIEF EXECUTIVE
DEPARTMENT OF ENVIRONMENT, WATER AND NATURAL RESOURCES

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The following people are acknowledged for their contribution to the project:

- Linda Vears of DEWNR as the project manager advised on policy, assisted with irrigation data and coordinated the Five Year Review Modelling Registers Project Team
- Vanessa Peat of DEWNR compiled irrigation application data from DEWNR database system
- Tony Meissner of Laroona Environmetrics provided consultation report for irrigation data and estimated irrigation accession volumes for the Pike-Murtho area
- Peter Forward of SA Water provided Salt Interception Scheme data and observation wells' reference elevation.

Representatives from various disciplines formed a Five Year Review Modelling Registers Project Team, with emphasis on filling in data and knowledge gaps and providing policy advice. Members of the team include:

- Linda Vears, Judith Kirk, Wei Yan and Juliette Woods of DEWNR
- Phil Pfeiffer and Asitha Katupitiya of the MDBA
- Peter Forward of SA Water.

The report was peer reviewed by:

- Don Armstrong of Lisdon Associates as an expert hydrogeologist, geologist and groundwater modeller, and
- Steve Barnett as Principal Hydrogeologist in DEWNR.

The report was also reviewed on behalf of the MDBA by Hugh Middlemis of RPS.

CONTENTS

A.MODEL INPUTS (RECHARGE ZONES AND VALUES AND MODELLED PUMPING RATES)

A-1 MODEL INPUT - MALLEE CLEARANCE

A-2 MODEL INPUT - PIKE-MURTHO AREA

A-3 HISTORICAL MODEL INPUT – PUMPING RATES FOR PIKE-MURTHO SIS

A-4 PREDICTION MODEL INPUT – PUMPING RATES FOR PIKE-MURTHO SIS

A-5 MID-POINT OBSERVATION BORES

B.MODEL OUTPUTS (FLUX AND SALT LOAD)

B-1 SUMMARY OF SALT LOAD IN PIKE-MURTHO

B-2 SUMMARY OF FLUX FOR PIKE-MURTHO

B-3 DETAILED FLUX AND SALT LOAD FOR ALL SCENARIOS IN PIKE-MURTHO

C. SUPPLEMENTARY REPORTS AND ANALYSES

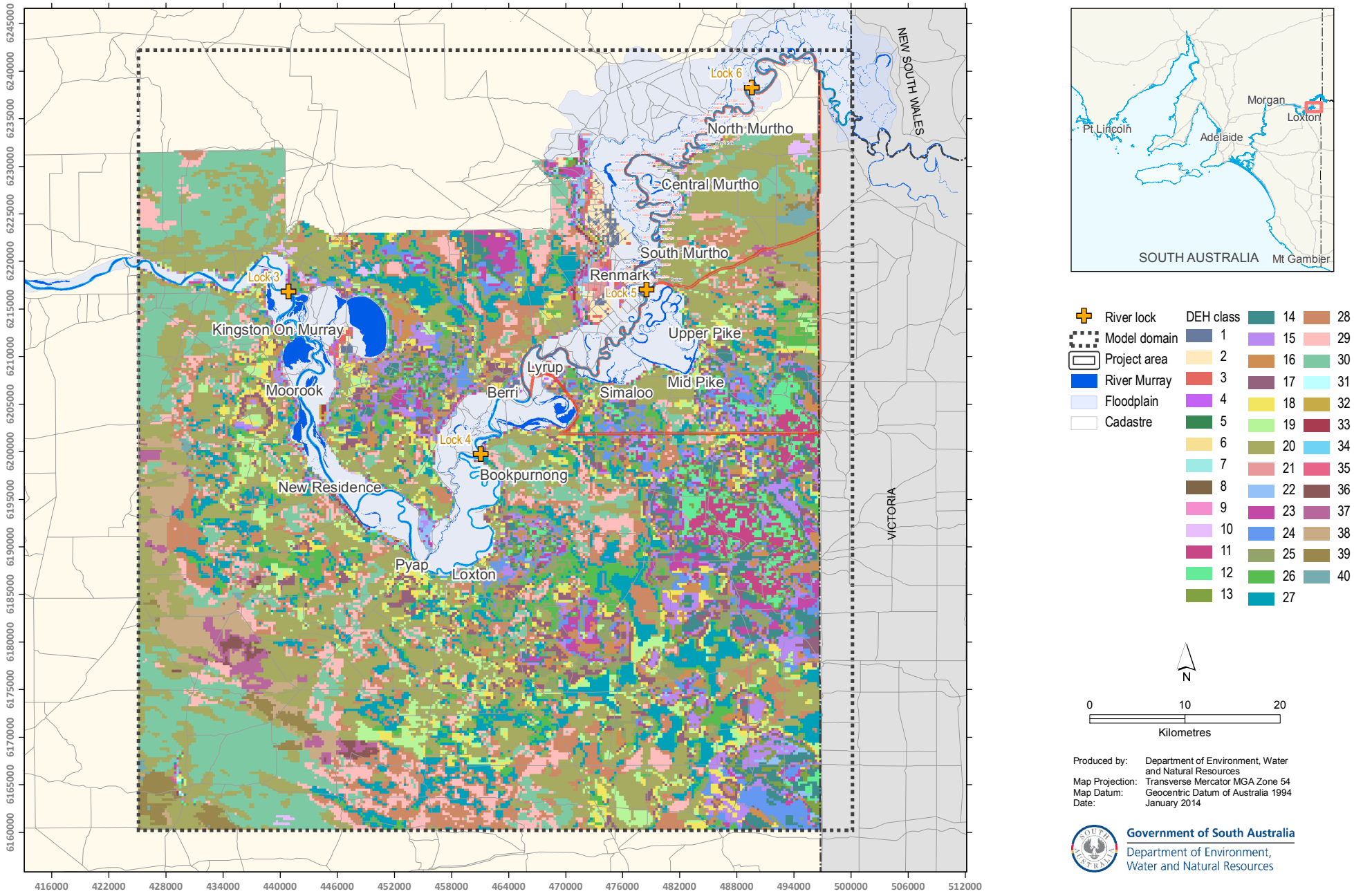
C-1 APPLICATION OF THE IRRIGATION ACCESSIONS UNDERLYING IRRIGATION AREAS METHOD TO THE PIKE-MURTHO AREA

C-2 FOLDER ARCHIVING STRUCTURE AND MODEL FILE NAMES

A. MODEL INPUTS (RECHARGE ZONES AND VALUES AND MODELLED PUMPING RATES)

A-1 MODEL INPUT - MALLEE CLEARANCE

- Model recharge zones
- Zone number and recharge rates (mm/y)



A-1. Mallee clearance recharge zones in Pike-Murtho (S2)

DEH zone number				0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MODFLOW zone number				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge rate (mm/y)																			
Steady-state		0	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1880	1885	1	1827	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1885	1890	1827	3653	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1890	1895	3653	5479	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1895	1900	5479	7305	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1900	1905	7305	9131	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1905	1910	9131	10957	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1910	1915	10957	12783	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1915	1920	12783	14609	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1920	1930	14609	18262	0.1	0.31	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.43	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1930	1940	18262	21914	0.1	0.64	0.16	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.92	0.41	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1940	1950	21914	25567	0.1	0.66	0.43	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	3.03	1.67	0.10	0.1	0.1	0.1	0.1	0.1	0.1
1950	1960	25567	29219	0.1	0.66	0.63	0.18	0.1	0.1	0.1	0.1	0.1	0.1	0.1	3.03	2.56	0.64	0.1	0.1	0.1	0.1	0.1	0.1
1960	1970	29219	32872	0.1	0.66	0.66	0.40	0.10	0.1	0.1	0.1	0.1	0.1	0.1	3.03	2.80	1.92	0.20	0.1	0.1	0.1	0.1	0.1
1970	1980	32872	36524	0.1	0.66	0.66	0.54	0.16	0.1	0.1	0.1	0.1	0.1	0.1	3.03	2.82	2.78	0.91	0.10	0.1	0.1	0.1	0.1
1980	1990	36524	40177	0.1	0.66	0.66	0.58	0.30	0.12	0.1	0.1	0.1	0.1	0.1	3.03	2.82	3.05	1.94	0.27	0.1	0.1	0.1	0.1
1990	2000	40177	43829	0.1	0.66	0.66	0.58	0.40	0.20	0.1	0.1	0.1	0.1	0.1	3.03	2.82	3.09	2.62	0.90	0.14	0.1	0.1	0.1
2000	2010	43829	47482	0.1	0.66	0.66	0.59	0.44	0.34	0.12	0.1	0.1	0.1	0.1	3.03	2.82	3.09	2.88	1.79	0.43	0.10	0.1	0.1
2010	2020	47482	51134	0.1	0.66	0.66	0.59	0.45	0.46	0.20	0.10	0.1	0.1	0.1	3.03	2.82	3.09	2.95	2.50	1.09	0.22	0.1	0.1
2020	2030	51134	54787	0.1	0.66	0.66	0.59	0.46	0.52	0.31	0.12	0.1	0.1	0.1	3.03	2.82	3.09	2.96	2.86	1.95	0.59	0.13	0.1
2030	2040	54787	58439	0.1	0.66	0.66	0.59	0.46	0.53	0.43	0.21	0.10	0.1	0.1	3.03	2.82	3.09	2.96	3.00	2.71	1.18	0.31	0.11
2040	2050	58439	62092	0.1	0.66	0.66	0.59	0.46	0.53	0.49	0.34	0.11	0.1	0.1	3.03	2.82	3.09	2.96	3.04	3.21	1.86	0.66	0.20
2050	2060	62092	65744	0.1	0.66	0.66	0.59	0.46	0.53	0.52	0.45	0.14	0.10	0.1	3.03	2.82	3.09	2.96	3.05	3.46	2.45	1.15	0.45
2060	2070	65744	69397	0.1	0.66	0.66	0.59	0.46	0.53	0.53	0.54	0.23	0.11	0.1	3.03	2.82	3.09	2.96	3.05	3.57	2.84	1.69	0.86
2070	2080	69397	73049	0.1	0.66	0.66	0.59	0.46	0.53	0.54	0.62	0.25	0.15	0.10	3.03	2.82	3.09	2.96	3.05	3.61	3.07	2.15	1.37
2080	2090	73049	76702	0.1	0.66	0.66	0.59	0.46	0.53	0.54	0.65	0.28	0.21	0.10	3.03	2.82	3.09	2.96	3.05	3.62	3.18	2.49	1.91
2090	2100	76702	80354	0.1	0.66	0.66	0.59	0.46	0.53	0.54	0.66	0.33	0.24	0.10	3.03	2.82	3.09	2.96	3.05	3.62	3.22	2.71	2.39
2100	2110	80354	84006	0.1	0.66	0.66	0.59	0.46	0.53	0.54	0.66	0.36	0.26	0.11	3.03	2.82	3.09	2.96	3.05	3.62	3.24	2.82	2.74
2110	2120	84006	87658	0.1	0.66	0.66	0.59	0.46	0.53	0.54	0.66	0.37	0.30	0.11	3.03	2.82	3.09	2.96	3.05	3.62	3.25	2.88	2.98

A-1. Model recharge zones and recharge rates (mm/y) for mallee clearance in Pike-Murtho (S2)

DEH zone number				20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
MODFLOW zone number				21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge rate (mm/y)																				
Steady-state		0	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1880	1885	1	1827	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1885	1890	1827	3653	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1890	1895	3653	5479	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1895	1900	5479	7305	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1900	1905	7305	9131	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1905	1910	9131	10957	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1910	1915	10957	12783	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1915	1920	12783	14609	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1920	1930	14609	18262	0.1	3.64	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	6.47	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1930	1940	18262	21914	0.1	7.31	0.94	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	11.64	0.62	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1940	1950	21914	25567	0.1	7.67	4.64	0.12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	11.94	5.47	0.15	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1950	1960	25567	29219	0.1	7.67	6.76	1.26	0.1	0.1	0.1	0.1	0.1	0.1	0.1	11.94	11.33	2.16	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1960	1970	29219	32872	0.1	7.67	7.11	4.30	0.26	0.1	0.1	0.1	0.1	0.1	0.1	11.94	12.48	7.76	0.39	0.1	0.1	0.1	0.1	0.1	0.1
1970	1980	32872	36524	0.1	7.67	7.13	6.43	1.56	0.12	0.1	0.1	0.1	0.1	0.1	11.94	12.53	12.46	2.78	0.16	0.1	0.1	0.1	0.1	0.1
1980	1990	36524	40177	0.1	7.67	7.13	7.10	4.09	0.58	0.10	0.1	0.1	0.1	0.1	11.94	12.53	14.09	7.69	1.03	0.11	0.1	0.1	0.1	0.1
1990	2000	40177	43829	0.1	7.67	7.13	7.21	6.17	2.07	0.25	0.1	0.1	0.1	0.1	11.94	12.53	14.36	12.04	3.85	0.51	0.1	0.1	0.1	0.1
2000	2010	43829	47482	0.1	7.67	7.13	7.22	7.12	4.27	0.99	0.14	0.1	0.1	0.1	11.94	12.53	14.39	14.10	8.01	2.08	0.20	0.1	0.1	0.1
2010	2020	47482	51134	0.1	7.67	7.13	7.23	7.38	6.14	2.51	0.47	0.10	0.1	0.1	11.94	12.53	14.39	14.71	11.55	5.01	0.79	0.12	0.1	0.1
2020	2030	51134	54787	0.1	7.67	7.13	7.23	7.44	7.18	4.38	1.35	0.23	0.1	0.1	11.94	12.53	14.39	14.84	13.52	8.32	2.27	0.37	0.1	0.1
2030	2040	54787	58439	0.1	7.67	7.13	7.23	7.45	7.60	5.95	2.77	0.68	0.14	0.1	11.94	12.53	14.39	14.86	14.33	10.86	4.60	1.14	0.17	0.1
2040	2050	58439	62092	0.1	7.67	7.13	7.23	7.45	7.74	6.92	4.40	1.56	0.38	0.10	11.94	12.53	14.39	14.86	14.58	12.32	7.19	2.64	0.53	0.13
2050	2060	62092	65744	0.10	7.67	7.13	7.23	7.45	7.77	7.39	5.80	2.80	0.91	0.16	11.94	12.53	14.39	14.86	14.65	12.98	9.40	4.70	1.32	0.31
2060	2070	65744	69397	0.11	7.67	7.13	7.23	7.45	7.78	7.58	6.76	4.15	1.79	0.32	11.94	12.53	14.39	14.86	14.66	13.24	10.91	6.90	2.66	0.76
2070	2080	69397	73049	0.14	7.67	7.13	7.23	7.45	7.78	7.64	7.31	5.32	2.93	0.64	11.94	12.53	14.39	14.86	14.66	13.32	11.76	8.77	4.42	1.60
2080	2090	73049	76702	0.19	7.67	7.13	7.23	7.45	7.78	7.66	7.58	6.17	4.13	1.15	11.94	12.53	14.39	14.86	14.66	13.35	12.19	10.10	6.32	2.85
2090	2100	76702	80354	0.25	7.67	7.13	7.23	7.45	7.78	7.67	7.69	6.71	5.21	1.84	11.94	12.53	14.39	14.86	14.66	13.35	12.37	10.92	8.04	4.39
2100	2110	80354	84006	0.34	7.67	7.13	7.23	7.45	7.78	7.67	7.73	7.00	6.03	2.63	11.94	12.53	14.39	14.86	14.66	13.36	12.44	11.36	9.38	6.02
2110	2120	84006	87658	0.44	7.67	7.13	7.23	7.45	7.78	7.67	7.75	7.15	6.60	3.47	11.94	12.53	14.39	14.86	14.66	13.36	12.47	11.58	10.32	7.55

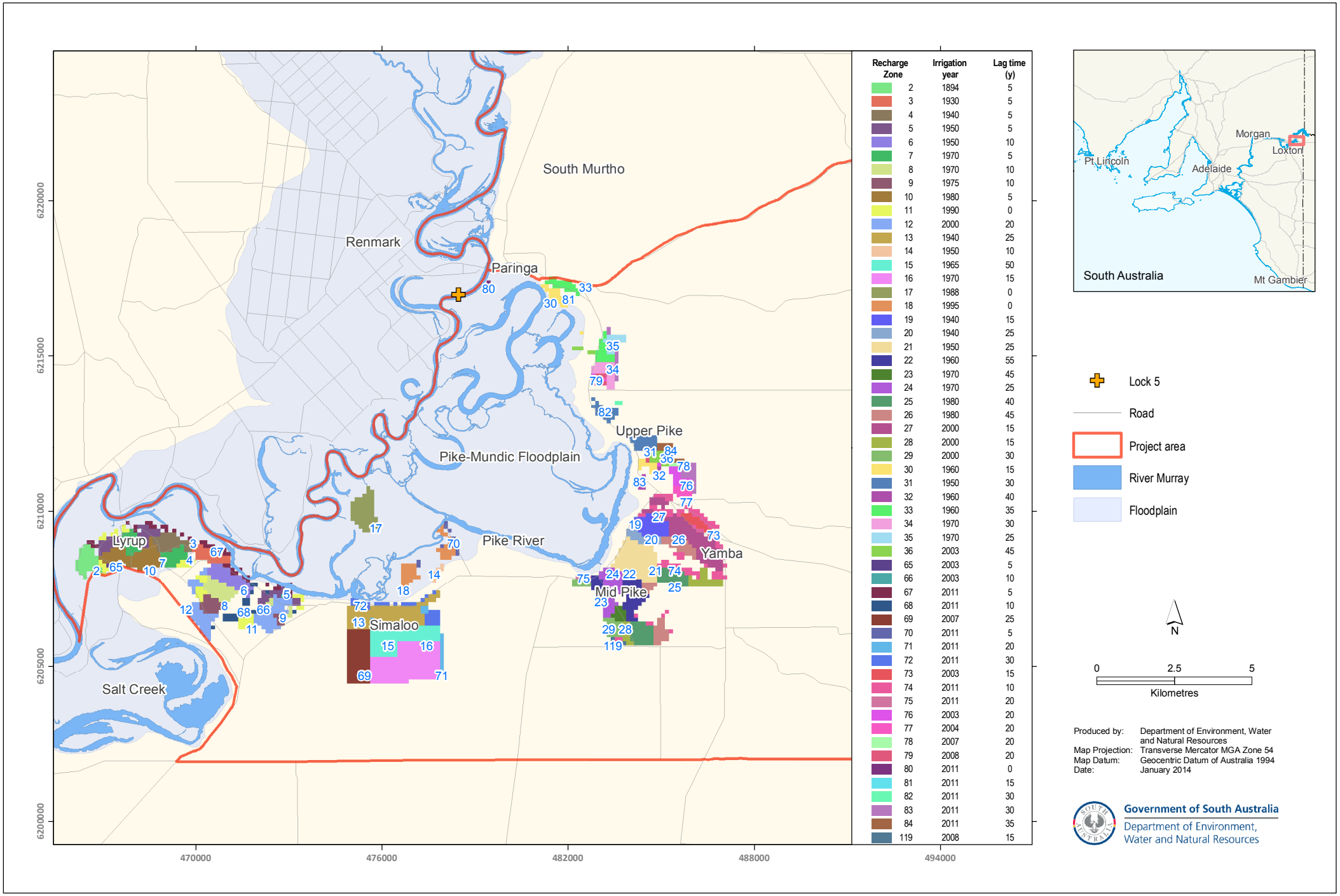
A-1. Model recharge zones and recharge rates (mm/y) for mallee clearance in Pike-Murtho (S2)

A-2 MODEL INPUT - Pike-Murtho AREA

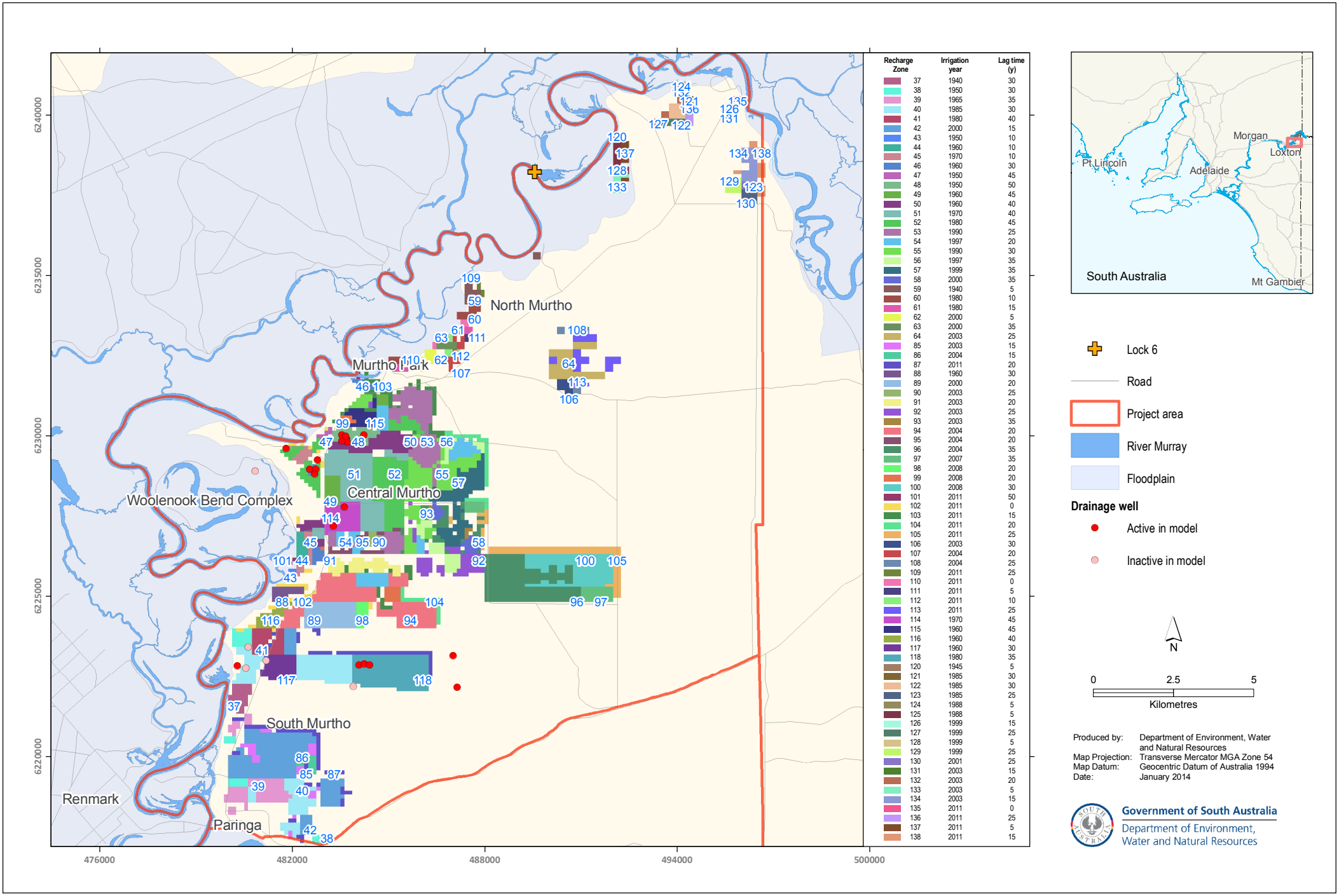
- Model scenario conditions
- Model recharge zones
- Total model recharge volume
- Zone number and recharge rates (mm/y)
- Irrigation start year and lag time

Scenario	Description	Simulated period	Irrigation development area	IIP	SIS
Calibrated model	Historical	1880-CY	Footprint of irrigation history	Yes	Yes
Scenario 1	Natural system	Steady-state	None	-	No
Scenario 2	Mallee clearance	1920-CY100	None (but includes Mallee clearance area)	-	No
Scenario 3A	Pre-1988 irrigation without IIP or RH	1988-CY100	Pre-1988	No	No
Scenario 3C	Pre-1988 irrigation with IIP and RH	1988-CY100	Pre-1988	Yes	No
Scenario 4	Current Irrigation	1988-CY100	Pre-1988 + Post-1988	Yes	No
Scenario 5	Current plus future irrigation	1988-CY100	Pre-1988 + Post-1988 + Future development	Yes	No
Scenario 7A	Current irrigation plus revised and constructed SIS	1988-CY100	Pre-1988 + Post-1988	Yes	Yes
Scenario 7B	Pre-1988 irrigation with IIP and RH plus revised and constructed SIS	1988-CY100	Pre-1988	Yes	Yes
Scenario 7C	Current plus future irrigation plus revised and constructed SIS	1988-CY100	Pre-1988 + Post-1988 + Future development	Yes	Yes

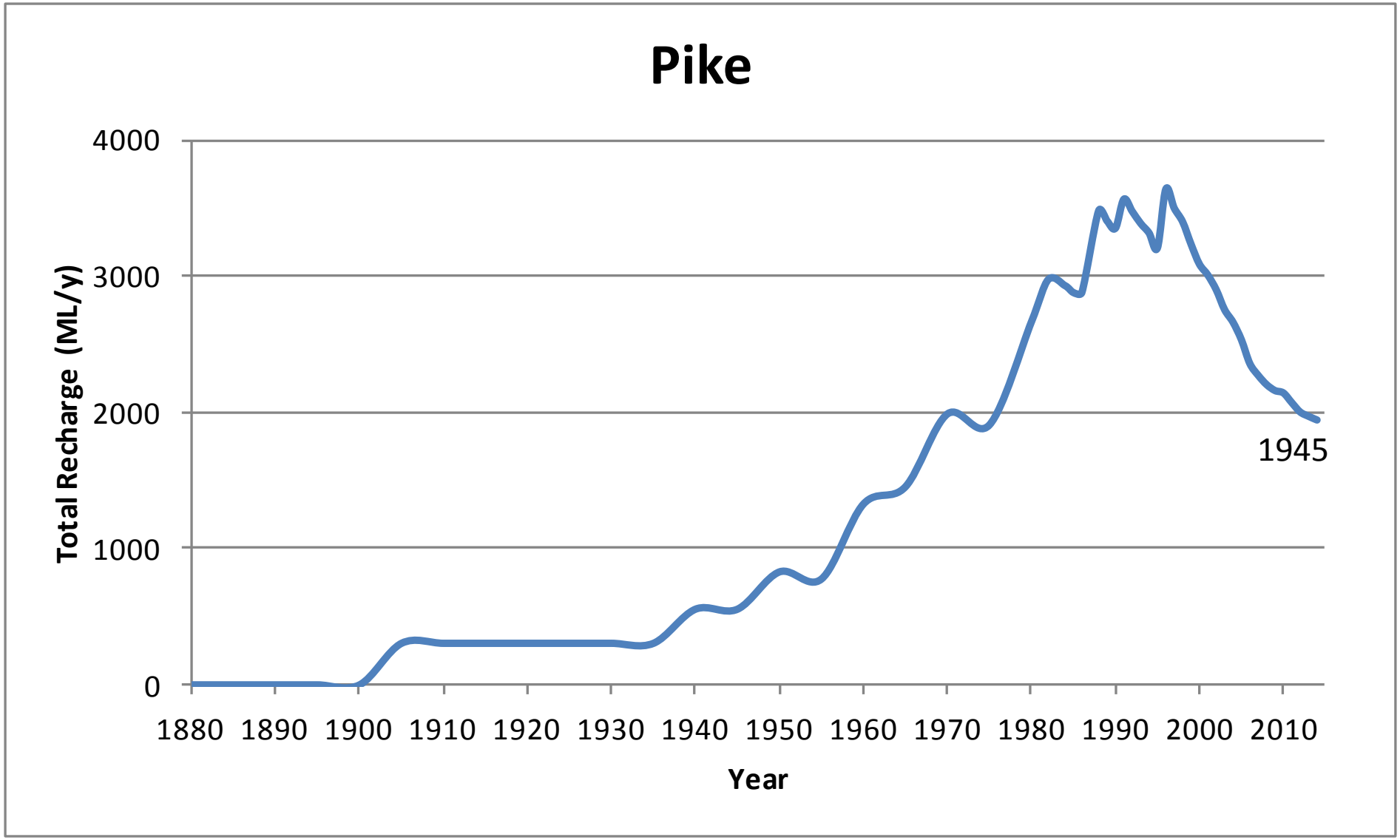
A-2. Model scenario conditions



A-2. Model irrigation recharge zones in Pike area for all scenarios



A-2. Model irrigation recharge zones in Murtho area for all scenario



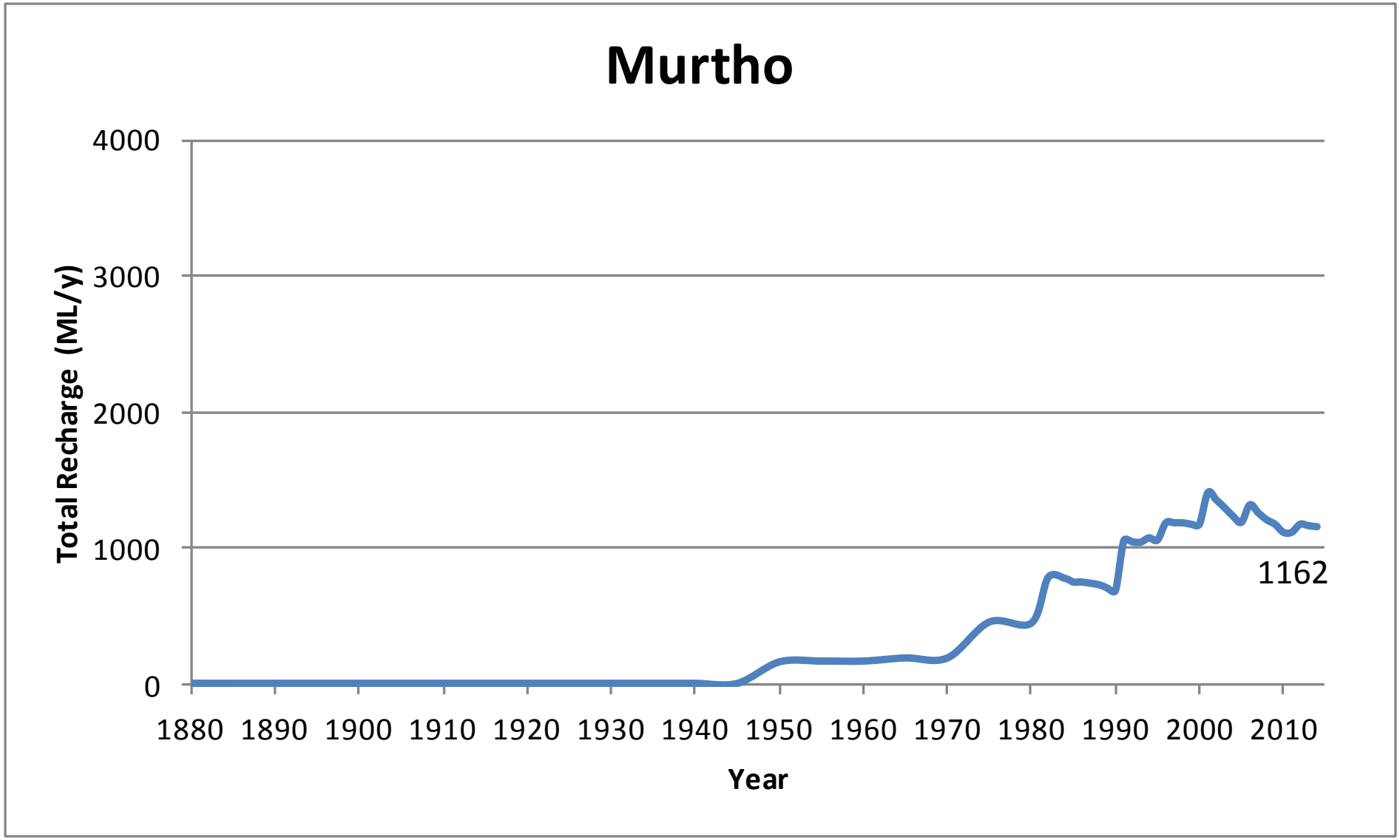
A-2. Total recharge volume applied in pike (Historical model)

Pike				Pre-1988 Irrigation																										
Irrigation Start Year				1930	1940	1950	1950	1970	1970	1975	1980	1940	1950	1965	1970	1988	1940	1940	1950	1960	1970	1970	1980	1980	1960	1950	1960	1960	1970	1970
Lag time (Years)				5	5	5	10	5	10	10	5	25	10	50	15	0	15	20	25	55	45	5	40	45	15	30	40	35	30	25
MODFLOW zone number				3	4	5	6	7	8	9	10	13	14	15	16	17	19	20	21	22	23	24	25	26	30	31	32	33	34	35
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																										
Steady-state		0	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1880	1930	1	18262	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1930	1935	18262	20088	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1935	1940	20088	21914	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1940	1945	21914	23741	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1945	1950	23741	25567	500	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1950	1955	25567	27393	450	450	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1955	1960	27393	29219	440	400	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1960	1965	29219	31046	430	350	450	120	0.1	0.1	0.1	0.1	0.1	450	0.1	0.1	0.1	200	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1965	1970	31046	32872	420	300	350	120	0.1	0.1	0.1	0.1	400	450	0.1	0.1	0.1	200	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1970	1975	32872	34698	410	250	300	120	0.1	0.1	0.1	0.1	400	450	0.1	0.1	0.1	200	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1975	1980	34698	36524	400	200	300	120	250	0.1	0.1	0.1	400	450	0.1	0.1	0.1	200	200	200	0.1	0.1	200	0.1	0.1	300	0.1	0.1	0.1	0.1	0.1
1980	1982	36524	37255	390	200	300	120	250	250	0.1	0.1	400	390	0.1	0.1	0.1	200	200	200	0.1	0.1	200	0.1	0.1	270	250	0.1	0.1	0.1	0.1
1982	1984	37255	37985	380	200	300	120	230	250	0.1	0.1	400	390	0.1	0.1	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1984	1986	37985	38716	370	200	300	120	210	250	0.1	0.1	390	390	0.1	0.1	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1986	1988	38716	39446	360	200	300	120	200	250	200	250	390	390	0.1	100	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1988	1989	39446	39812	350	200	300	120	200	250	200	230	370	390	0.1	100	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1989	1990	39812	40177	340	200	300	120	200	230	200	210	370	390	0.1	100	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1990	1991	40177	40542	330	200	300	110	200	230	200	200	350	350	0.1	100	135	190	190	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1991	1992	40542	40907	320	200	250	110	190	230	200	190	350	350	0.1	100	135	180	180	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1992	1993	40907	41273	310	200	230	110	180	230	200	180	330	350	0.1	100	135	170	170	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1993	1994	41273	41638	300	200	210	110	170	210	200	170	330	330	0.1	100	135	160	160	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1994	1995	41638	42003	290	200	200	100	160	200	200	160	300	330	0.1	100	135	150	150	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1995	1996	42003	42368	280	200	200	100	150	200	200	150	300	310	0.1	100	135	140	140	200	0.1	0.1	200	0.1	0.1	250	250	0.1	400	0.1	400
1996	1997	42368	42734	270	200	190	100	140	200	200	140	250	310	0.1	100	135	130	130	200	0.1	0.1	200	0.1	0.1	250	250	0.1	400	0.1	400
1997	1998	42734	43099	260	200	170	100	130	200	200	130	230	290	0.1	100	135	120	120	200	0.1	0.1	200	0.1	0.1	250	250	0.1	400	0.1	400
1998	1999	43099	43464	250	200	150	100	120	200	200	120	200	270	0.1	100	135	110	110	200	0.1	0.1	200	0.1	0.1	250	250	0.1	350	0.1	350
1999	2000	43464	43829	240	200	130	100	110	200	200	110	190	250	0.1	100	135	100	100	190	0.1	0.1	190	0.1	0.1	225	225	0.1	350	0.1	350
2000	2001	43829	44195	230	190	100	100	100	190	190	100	170	230	0.1	100	115	100	100	180	0.1	0.1	180	0.1	0.1	200	200	250	350	350	350
2001	2002	44195	44560	220	170	100	100	100	180	180	100	150	210	0.1	100	115	100	100	170	0.1	0.1	170	0.1	0.1	190	190	230	350	350	350
2002	2003	44560	44925	210	150	100	100	100	170	170	100	130	200	0.1	100	115	100	100	160	0.1	0.1	160	0.1	0.1	180	180	210	300	300	300
2003	2004	44925	45290	200	140	100	100	100	160	160	100	120	192	0.1	100	115	100	100	150	0.1	0.1	150	0.1	0.1	170	170	200	300	300	300
2004	2005	45290	45656	190	130	100	100	100	150	150	100	110	170	0.1	100	100	100	100	140	0.1	0.1	140	0.1	0.1	150	150	190	300	300	300
2005	2006	45656	46021	180	120	100	100	100	140	140	100	100	150	0.1	100	100	100	100	130	0.1	0.1	130	0.1	0.1	130	130	170	250	250	250
2006	2007	46021	46386	170	110	100	100	100	130	130	100	100	130	0.1	100	100	100	100	120	0.1	0.1	120	0.1	0.1	110	110	150	250	250	250
2007	2008	46386	46751	160	100	100	100	100	120	120	100	100	110	0.1	100	100	100	100	110	0.1	0.1	110	0.1	0.1	100	100	130	250	250	250
2008	2009	46751	47117	150	100	100	100	100	110	110	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	110	250	250	250
2009	2010	47117	47482	140	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	100	250	250	250
2010	2011	47482	47847	130	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	100	200	200	200
2011	2012	47847	48212	120	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	100	150	150	150
2012	2013	48212	48578	110	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	100	130	130	130
2013	2014	48578	48943	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	100	110	110	110

A-2. Model pre-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Pike (Historical model)

Pike				Post-1988 Irrigation																										
Irrigation Start Year				1990	2000	1995	2000	2000	2000	2003	2003	2003	2011	2011	2007	2011	2011	2011	2003	2011	2011	2003	2004	2007	2008	2011	2011	2011	2011	2011	2008
Lag time (Years)				0	20	0	15	15	30	45	5	10	5	10	25	5	20	30	15	10	20	20	20	20	20	0	15	30	30	35	15
MODFLOW zone number				11	12	18	27	28	29	36	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	119
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																										
Steady-state		0	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1880	1990	1	40177	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1990	1991	40177	40542	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1991	1992	40542	40907	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1992	1993	40907	41273	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1993	1994	41273	41638	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1994	1995	41638	42003	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1995	1996	42003	42368	200	0.1	135	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1996	1997	42368	42734	190	0.1	135	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1997	1998	42734	43099	180	0.1	135	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1998	1999	43099	43464	170	0.1	135	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1999	2000	43464	43829	150	0.1	135	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2000	2001	43829	44195	100	0.1	115	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2001	2002	44195	44560	100	0.1	115	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2002	2003	44560	44925	130	0.1	115	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2003	2004	44925	45290	120	0.1	115	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2004	2005	45290	45656	110	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2005	2006	45656	46021	100	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2006	2007	46021	46386	100	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2007	2008	46386	46751	100	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2008	2009	46751	47117	100	0.1	100	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2009	2010	47117	47482	100	0.1	100	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2010	2011	47482	47847	100	0.1	100	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2011	2012	47847	48212	100	0.1	100	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
2012	2013	48212	48578	100	0.1	100	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
2013	2014	48578	48943	100	0.1	100	0.1	0.1	0.1	0.1	100	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1

A-2. Model post-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Pike (Historical model)



A-2. Total Recharge Volume Applied in Murtho (Historical Model)

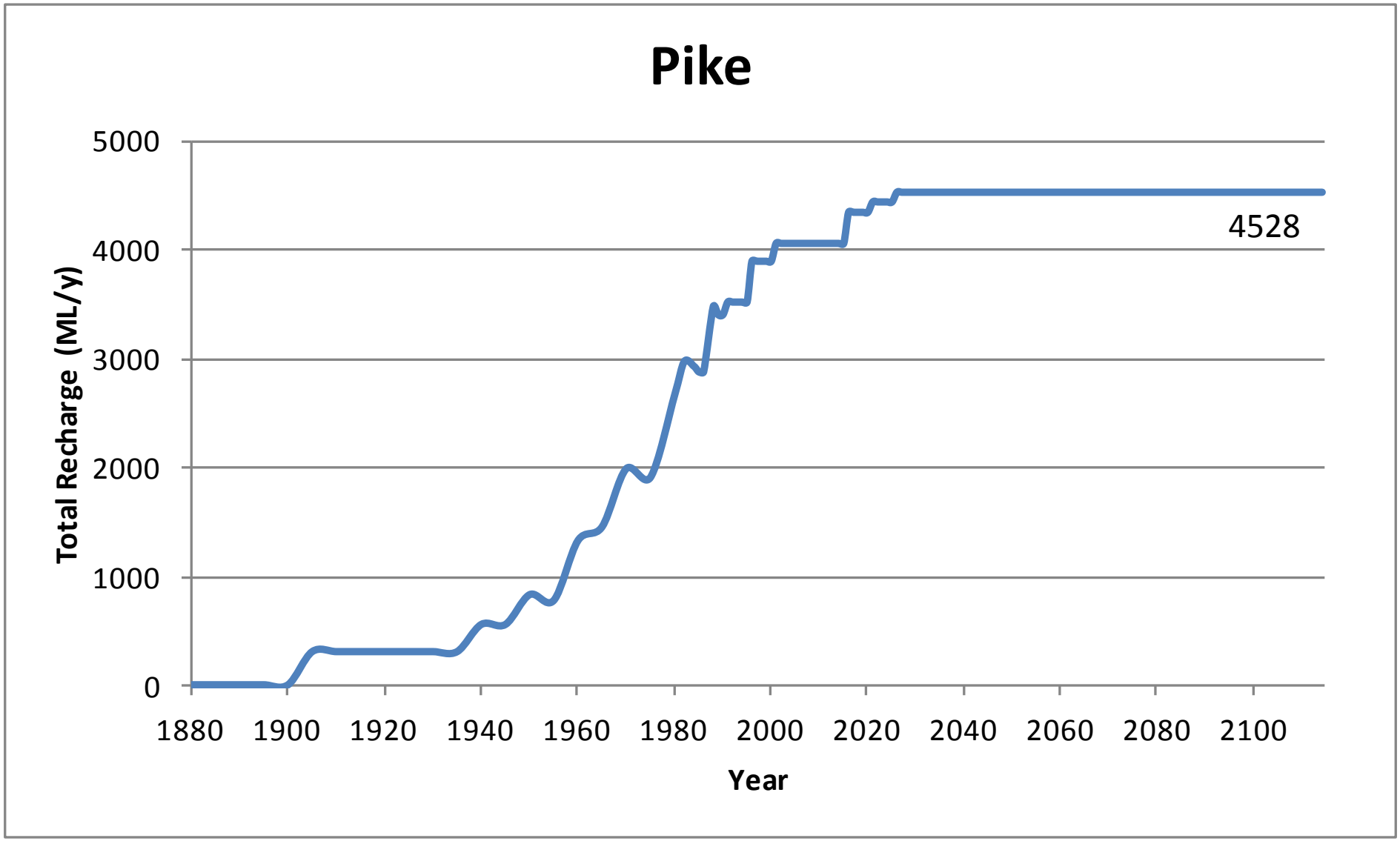
Murtho				Pre-1988 Irrigation																													
Irrigation Start Year				1940	1950	1965	1985	1980	1950	1960	1970	1960	1950	1950	1960	1960	1970	1980	1940	1980	1980	1960	1970	1960	1960	1960	1980	1945	1985	1985	1985	1988	1988
Lag time (Years)				30	30	35	30	40	10	10	10	30	45	50	45	40	50	45	5	10	15	30	45	45	40	30	35	5	30	30	25	5	5
MODFLOW zone number				37	38	39	40	41	43	44	45	46	47	48	49	50	51	52	59	60	61	88	114	115	116	117	118	120	121	122	123	124	125
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																													
Steady-state		0	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1880	1940	1	21914	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1940	1945	21914	23741	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1945	1950	23741	25567	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	455	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1950	1955	25567	27393	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	455	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1955	1960	27393	29219	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	455	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1960	1965	29219	31046	0.1	0.1	0.1	0.1	0.1	520	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	435	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1965	1970	31046	32872	0.1	0.1	0.1	0.1	0.1	520	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	435	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1970	1975	32872	34698	200	0.1	0.1	0.1	0.1	500	475	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	435	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1975	1980	34698	36524	200	0.1	0.1	0.1	0.1	475	475	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	415	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1980	1982	36524	37255	200	200	0.1	0.1	0.1	450	450	475	0.1	0.1	0.1	0.1	0.1	0.1	0.1	415	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1982	1984	37255	37985	200	200	0.1	0.1	0.1	430	430	475	0.1	0.1	0.1	0.1	0.1	0.1	0.1	415	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1984	1986	37985	38716	200	200	0.1	0.1	0.1	400	400	450	0.1	0.1	0.1	0.1	0.1	0.1	0.1	405	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1986	1988	38716	39446	200	200	0.1	0.1	0.1	375	375	430	0.1	0.1	0.1	0.1	0.1	0.1	0.1	405	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1988	1989	39446	39812	200	200	0.1	0.1	0.1	350	350	400	0.1	0.1	0.1	0.1	0.1	0.1	0.1	405	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1989	1990	39812	40177	200	200	0.1	0.1	0.1	330	330	375	0.1	0.1	0.1	0.1	0.1	0.1	0.1	405	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1990	1991	40177	40542	200	200	0.1	0.1	0.1	325	325	350	285	0.1	0.1	0.1	0.1	0.1	0.1	405	455	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	0.1	0.1
1991	1992	40542	40907	200	200	0.1	0.1	0.1	325	325	330	285	0.1	0.1	0.1	0.1	0.1	0.1	405	455	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	0.1	0.1
1992	1993	40907	41273	200	200	0.1	0.1	0.1	325	325	325	285	0.1	0.1	0.1	0.1	0.1	0.1	405	455	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	0.1	0.1
1993	1994	41273	41638	200	200	0.1	0.1	0.1	325	325	325	285	0.1	0.1	0.1	0.1	0.1	0.1	405	455	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1994	1995	41638	42003	200	200	0.1	0.1	0.1	325	325	325	285	0.1	0.1	0.1	0.1	0.1	0.1	405	405	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1995	1996	42003	42368	200	200	0.1	0.1	0.1	325	325	325	285	285	0.1	0.1	0.1	0.1	0.1	405	405	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1996	1997	42368	42734	200	200	0.1	0.1	0.1	325	325	325	285	285	0.1	0.1	0.1	0.1	0.1	405	405	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1997	1998	42734	43099	200	200	0.1	0.1	0.1	325	325	325	285	285	0.1	0.1	0.1	0.1	0.1	405	405	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1998	1999	43099	43464	200	200	0.1	0.1	0.1	300	300	325	285	285	0.1	0.1	0.1	0.1	0.1	405	405	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1999	2000	43464	43829	200	200	0.1	0.1	0.1	300	300	325	285	285	0.1	0.1	0.1	0.1	0.1	405	405	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
2000	2001	43829	44195	120	100	100	0.1	0.1	290	290	300	285	285	100	0.1	100	0.1	0.1	390	350	350	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2001	2002	44195	44560	120	100	100	0.1	0.1	270	270	300	265	265	100	0.1	100	0.1	0.1	370	300	300	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2002	2003	44560	44925	120	100	100	0.1	0.1	250	250	290	245	245	100	0.1	100	0.1	0.1	350	250	250	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2003	2004	44925	45290	120	100	100	0.1	0.1	230	230	270	225	225	100	0.1	100	0.1	0.1	330	200	200	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2004	2005	45290	45656	100	100	100	0.1	0.1	210	210	250	205	205	100	0.1	100	0.1	0.1	300	200	200	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2005	2006	45656	46021	100	100	100	0.1	0.1	190	190	230	185	185	100	100	100	0.1	0.1	290	200	200	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2006	2007	46021	46386	100	100	100	0.1	0.1	170	170	210	165	165	100	100	100	0.1	0.1	270	170	170	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2007	2008	46386	46751	100	100	100	0.1	0.1	150	150	190	145	145	100	100	100	0.1	0.1	250	150	150	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2008	2009	46751	47117	100	100	100	0.1	0.1	130	130	170	125	125	100	100	100	0.1	0.1	230	130	130	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2009	2010	47117	47482	100	100	100	0.1	0.1	110	110	150	105	105	100	100	100	0.1	0.1	210	100	100	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2010	2011	47482	47847	100	100	100	0.1	0.1	100	100	130	100	100	100	100	100	0.1	0.1	190	100	100	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100
2011	2012	47847	48212	100	100	100	0.1	0.1	100	100	110	100	100	100	100	100	0.1	0.1	170	100	100	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100
2012	2013	48212	48578	100	100	100	0.1	0.1	100	100	100	100	100	100	100	100	0.1	0.1	150	100	100	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100
2013	2014	48578	48943	100	100	100	0.1	0.1	100	100	100	100	100	100	100	100	0.1	0.1	130	100	100	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100

A-2. Model pre-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Murtho (Historical model)

Murtho				Post-1988 Irrigation																							
Irrigation Start Year				2000	1990	1997	1990	1997	1999	2000	2000	2000	2003	2003	2004	2011	2000	2003	2003	2003	2003	2004	2004	2004	2007	2008	2008	2008
Lag time (Years)				15	25	20	30	35	35	35	5	35	25	15	15	20	20	25	20	25	35	20	20	35	35	20	20	30
MODFLOW zone number				42	53	54	55	56	57	58	62	63	64	85	86	87	89	90	91	92	93	94	95	96	97	98	99	100
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																							
Steady-state		0	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1880	2000	1	43829	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2000	2001	43829	44195	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2001	2002	44195	44560	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2002	2003	44560	44925	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2003	2004	44925	45290	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2004	2005	45290	45656	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2005	2006	45656	46021	0.1	0.1	0.1	0.1	0.1	0.1	0.1	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2006	2007	46021	46386	0.1	0.1	0.1	0.1	0.1	0.1	0.1	170	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2007	2008	46386	46751	0.1	0.1	0.1	0.1	0.1	0.1	0.1	150	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2008	2009	46751	47117	0.1	0.1	0.1	0.1	0.1	0.1	0.1	130	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2009	2010	47117	47482	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2010	2011	47482	47847	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2011	2012	47847	48212	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2012	2013	48212	48578	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2013	2014	48578	48943	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Murtho				Post-1988 Irrigation																							
Irrigation Start Year				2011	2011	2011	2011	2011	2003	2004	2004	2011	2011	2011	2011	2011	1999	1999	1999	1999	2001	2003	2003	2003	2003	2011	2011	2011	2011
Lag time (Years)				50	0	15	20	25	30	20	25	25	0	5	10	25	15	25	5	25	25	15	20	5	15	0	25	5	15
MODFLOW zone number				101	102	103	104	105	106	107	108	109	110	111	112	113	126	127	128	129	130	131	132	133	134	135	136	137	138
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																							
Steady-state		0	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1880	2000	1	43829	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2000	2001	43829	44195	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2001	2002	44195	44560	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2002	2003	44560	44925	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2003	2004	44925	45290	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2004	2005	45290	45656	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2005	2006	45656	46021	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2006	2007	46021	46386	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2007	2008	46386	46751	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2008	2009	46751	47117	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
2009	2010	47117	47482	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
2010	2011	47482	47847	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
2011	2012	47847	48212	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1
2012	2013	48212	48578	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1
2013	2014	48578	48943	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1

A-2. Model post-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Murtho (Historical model)



A-2. Total Recharge Volume Applied in Pike (S3A)

Pike				Pre-1988 Irrigation																											
Irrigation Start Year				1894	1930	1940	1950	1950	1970	1970	1975	1980	1940	1950	1965	1970	1988	1940	1940	1950	1960	1970	1970	1980	1980	1960	1950	1960	1960	1970	1970
Lag time (Years)				5	5	5	5	10	5	10	10	5	25	10	50	15	0	15	25	25	55	45	5	40	45	15	30	40	35	30	25
MODFLOW zone number				2	3	4	5	6	7	8	9	10	13	14	15	16	17	19	20	21	22	23	24	25	26	30	31	32	33	34	35
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																											
Steady-state		0	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1880	1885	1	1827	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1885	1890	1827	3653	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1890	1895	3653	5479	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1895	1900	5479	7305	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1900	1905	7305	9131	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1905	1910	9131	10957	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1910	1915	10957	12783	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1915	1920	12783	14609	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1920	1925	14609	16436	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1925	1930	16436	18262	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1930	1935	18262	20088	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1935	1940	20088	21914	500	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1940	1945	21914	23741	500	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1945	1950	23741	25567	500	500	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1950	1955	25567	27393	500	450	450	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1955	1960	27393	29219	450	440	400	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1960	1965	29219	31046	450	430	350	450	120	0.1	0.1	0.1	0.1	0.1	450	0.1	0.1	0.1	200	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1965	1970	31046	32872	400	420	300	350	120	0.1	0.1	0.1	0.1	400	450	0.1	0.1	0.1	200	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1970	1975	32872	34698	400	410	250	300	120	0.1	0.1	0.1	0.1	400	450	0.1	0.1	0.1	200	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1975	1980	34698	36524	350	400	200	300	120	250	0.1	0.1	0.1	400	450	0.1	0.1	0.1	200	200	200	0.1	0.1	200	0.1	0.1	300	0.1	0.1	0.1	0.1	0.1
1980	1982	36524	37255	330	390	200	300	120	250	250	0.1	0.1	400	390	0.1	0.1	0.1	200	200	200	0.1	0.1	200	0.1	0.1	270	250	0.1	0.1	0.1	0.1
1982	1984	37255	37985	310	380	200	300	120	230	250	0.1	0.1	400	390	0.1	0.1	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1984	1986	37985	38716	290	370	200	300	120	210	250	0.1	0.1	390	390	0.1	0.1	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1986	1988	38716	39446	270	360	200	300	120	200	250	200	250	390	390	0.1	100	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1988	1989	39446	39812	250	350	200	300	120	200	250	200	230	370	390	0.1	100	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1989	1990	39812	40177	250	350	200	300	120	200	250	200	230	370	390	0.1	100	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1990	1991	40177	40542	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1991	1992	40542	40907	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1992	1993	40907	41273	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1993	1994	41273	41638	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1994	1995	41638	42003	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1995	1996	42003	42368	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	400	0.1	400
1996	1997	42368	42734	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	400	0.1	400

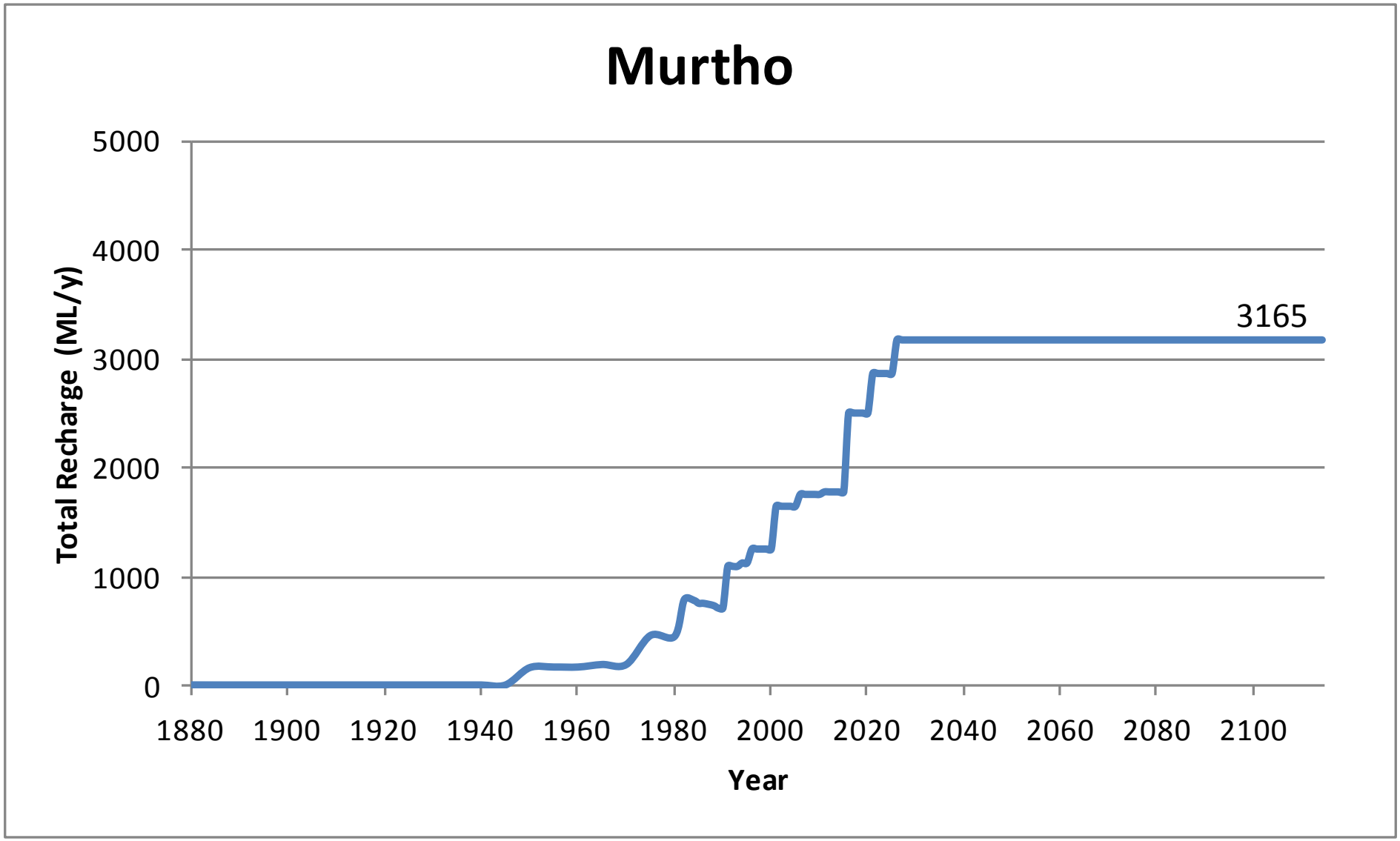
A-2. Model pre-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Pike (S3A)

Pike				Pre-1988 Irrigation																											
Irrigation Start Year				1894	1930	1940	1950	1950	1970	1970	1975	1980	1940	1950	1965	1970	1988	1940	1940	1950	1960	1970	1970	1980	1980	1960	1950	1960	1960	1970	1970
Lag time (Years)				5	5	5	5	10	5	10	10	5	25	10	50	15	0	15	25	25	55	45	5	40	45	15	30	40	35	30	25
MODFLOW zone number				2	3	4	5	6	7	8	9	10	13	14	15	16	17	19	20	21	22	23	24	25	26	30	31	32	33	34	35
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																											
1997	1998	42734	43099	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	400	0.1	400
1998	1999	43099	43464	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	400	0.1	400
1999	2000	43464	43829	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	400	0.1	400
2000	2001	43829	44195	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	250	400	350	400
2001	2002	44195	44560	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	250	400	350	400
2002	2003	44560	44925	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	250	400	350	400
2003	2004	44925	45290	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	250	400	350	400
2004	2005	45290	45656	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	250	400	350	400
2005	2006	45656	46021	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	250	400	350	400
2006	2007	46021	46386	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	250	400	350	400
2007	2008	46386	46751	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	250	400	350	400
2008	2009	46751	47117	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	250	400	350	400
2009	2010	47117	47482	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	250	400	350	400
2010	2011	47482	47847	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	250	400	350	400
2011	2012	47847	48212	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	250	400	350	400
2012	2013	48212	48578	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	250	400	350	400
2013	2014	48578	48943	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	250	400	350	400
2014	2015	48943	49308	250	350	200	300	120	200	250	200	230	370	390	0.1	100	135	200	200	200	0.1	0.1	200	0.1	0.1	250	250	250	400	350	400
2015	2016	49308	49673	250	350	200	300	120	200	250	200	230	370	390	100	100	135	200	200	200	100	100	200	0.1	0.1	250	250	250	400	350	400
2016	2017	49673	50039	250	350	200	300	120	200	250	200	230	370	390	100	100	135	200	200	200	100	100	200	0.1	0.1	250	250	250	400	350	400
2017	2018	50039	50404	250	350	200	300	120	200	250	200	230	370	390	100	100	135	200	200	200	100	100	200	0.1	0.1	250	250	250	400	350	400
2018	2019	50404	50769	250	350	200	300	120	200	250	200	230	370	390	100	100	135	200	200	200	100	100	200	0.1	0.1	250	250	250	400	350	400
2019	2020	50769	51134	250	350	200	300	120	200	250	200	230	370	390	100	100	135	200	200	200	100	100	200	0.1	0.1	250	250	250	400	350	400
2020	2021	51134	51500	250	350	200	300	120	200	250	200	230	370	390	100	100	135	200	200	200	100	100	200	100	0.1	250	250	250	400	350	400
2021	2022	51500	51865	250	350	200	300	120	200	250	200	230	370	390	100	100	135	200	200	200	100	100	200	100	0.1	250	250	250	400	350	400
2022	2023	51865	52230	250	350	200	300	120	200	250	200	230	370	390	100	100	135	200	200	200	100	100	200	100	0.1	250	250	250	400	350	400
2023	2024	52230	52595	250	350	200	300	120	200	250	200	230	370	390	100	100	135	200	200	200	100	100	200	100	0.1	250	250	250	400	350	400
2024	2025	52595	52961	250	350	200	300	120	200	250	200	230	370	390	100	100	135	200	200	200	100	100	200	100	0.1	250	250	250	400	350	400
2025	2026	52961	53326	250	350	200	300	120	200	250	200	230	370	390	100	100	135	200	200	200	100	100	200	100	100	250	250	250	400	350	400
2026	2027	53326	53691	250	350	200	300	120	200	250	200	230	370	390	100	100	135	200	200	200	100	100	200	100	100	250	250	250	400	350	400
2027	2028	53691	54056	250	350	200	300	120	200	250	200	230	370	390	100	100	135	200	200	200	100	100	200	100	100	250	250	250	400	350	400
2028	2029	54056	54422	250	350	200	300	120	200	250	200	230	370	390	100	100	135	200	200	200	100	100	200	100	100	250	250	250	400	350	400
2029	2030	54422	54787	250	350	200	300	120	200	250	200	230	370	390	100	100	135	200	200	200	100	100	200	100	100	250	250	250	400	350	400
2030	2114	54787	85467	250	350	200	300	120	200	250	200	230	370	390	100	100	135	200	200	200	100	100	200	100	100	250	250	250	400	350	400

A-2. Model pre-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Pike (S3A)

Pike				Post-1988 Irrigation																										
Irrigation Start Year				1990	2000	1995	2000	2000	2000	2003	2003	2003	2011	2011	2007	2011	2011	2011	2003	2011	2011	2003	2004	2007	2008	2011	2011	2011	2011	2011	2008
Lag time (Years)				0	20	0	15	15	30	45	5	10	5	10	25	5	20	30	15	10	20	20	20	20	20	0	15	30	30	35	15
MODFLOW zone number				11	12	18	27	28	29	36	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	119
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																										
Steady-state		0	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1880	1885	1	1827	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1885	1890	1827	3653	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1890	1900	3653	7305	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1900	1910	7305	10957	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1910	1920	10957	14609	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1920	1930	14609	18262	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1930	1940	18262	21914	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1940	1950	21914	25567	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1950	1960	25567	29219	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1960	1970	29219	32872	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1970	1980	32872	36524	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1980	1990	36524	40177	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1990	2000	40177	43829	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2000	2010	43829	47482	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2010	2020	47482	51134	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2020	2030	51134	54787	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2030	2040	54787	58439	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2040	2050	58439	62092	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2050	2060	62092	65744	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2060	2070	65744	69397	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2070	2080	69397	73049	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2080	2090	73049	76702	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2090	2100	76702	80354	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2100	2114	80354	85467	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

A-2. Model post-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Pike (S3A)



A-2. Total Recharge Volume Applied in Murtho (S3A)

Murtho				Pre-1988 Irrigation																													
Irrigation Start Year				1940	1950	1965	1985	1980	1950	1960	1970	1960	1950	1950	1960	1960	1970	1980	1940	1980	1980	1960	1970	1960	1960	1960	1980	1945	1985	1985	1985	1988	1988
Lag time (Years)				30	30	35	30	40	10	10	10	30	45	50	45	40	50	45	5	10	15	30	45	45	40	30	35	5	30	30	25	5	5
MODFLOW zone number				37	38	39	40	41	43	44	45	46	47	48	49	50	51	52	59	60	61	88	114	115	116	117	118	120	121	122	123	124	125
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																													
Steady-state		0	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1880	1885	1	1827	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1885	1890	1827	3653	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1890	1895	3653	5479	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1895	1900	5479	7305	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1900	1905	7305	9131	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1905	1910	9131	10957	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1910	1915	10957	12783	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1915	1920	12783	14609	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1920	1925	14609	16436	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1925	1930	16436	18262	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1930	1935	18262	20088	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1935	1940	20088	21914	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1940	1945	21914	23741	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1945	1950	23741	25567	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	455	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1950	1955	25567	27393	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	455	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1955	1960	27393	29219	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	455	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1960	1965	29219	31046	0.1	0.1	0.1	0.1	0.1	520	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	435	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1965	1970	31046	32872	0.1	0.1	0.1	0.1	0.1	520	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	435	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1970	1975	32872	34698	200	0.1	0.1	0.1	0.1	500	475	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	435	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1975	1980	34698	36524	200	0.1	0.1	0.1	0.1	475	475	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	415	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1980	1982	36524	37255	200	200	0.1	0.1	0.1	450	450	475	0.1	0.1	0.1	0.1	0.1	0.1	0.1	415	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1982	1984	37255	37985	200	200	0.1	0.1	0.1	430	430	475	0.1	0.1	0.1	0.1	0.1	0.1	0.1	415	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1984	1986	37985	38716	200	200	0.1	0.1	0.1	400	400	450	0.1	0.1	0.1	0.1	0.1	0.1	0.1	405	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1986	1988	38716	39446	200	200	0.1	0.1	0.1	375	375	430	0.1	0.1	0.1	0.1	0.1	0.1	0.1	405	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1988	1989	39446	39812	200	200	0.1	0.1	0.1	350	350	400	0.1	0.1	0.1	0.1	0.1	0.1	0.1	405	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1989	1990	39812	40177	200	200	0.1	0.1	0.1	350	350	400	0.1	0.1	0.1	0.1	0.1	0.1	0.1	405	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1990	1991	40177	40542	200	200	0.1	0.1	0.1	350	350	400	285	0.1	0.1	0.1	0.1	0.1	0.1	405	455	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	0.1	0.1
1991	1992	40542	40907	200	200	0.1	0.1	0.1	350	350	400	285	0.1	0.1	0.1	0.1	0.1	0.1	405	455	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	0.1	0.1
1992	1993	40907	41273	200	200	0.1	0.1	0.1	350	350	400	285	0.1	0.1	0.1	0.1	0.1	0.1	405	455	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	0.1	0.1
1993	1994	41273	41638	200	200	0.1	0.1	0.1	350	350	400	285	0.1	0.1	0.1	0.1	0.1	0.1	405	455	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1994	1995	41638	42003	200	200	0.1	0.1	0.1	350	350	400	285	0.1	0.1	0.1	0.1	0.1	0.1	405	455	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1995	1996	42003	42368	200	200	0.1	0.1	0.1	350	350	400	285	285	0.1	0.1	0.1	0.1	0.1	405	455	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1996	1997	42368	42734	200	200	0.1	0.1	0.1	350	350	400	285	285	0.1	0.1	0.1	0.1	0.1	405	455	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100

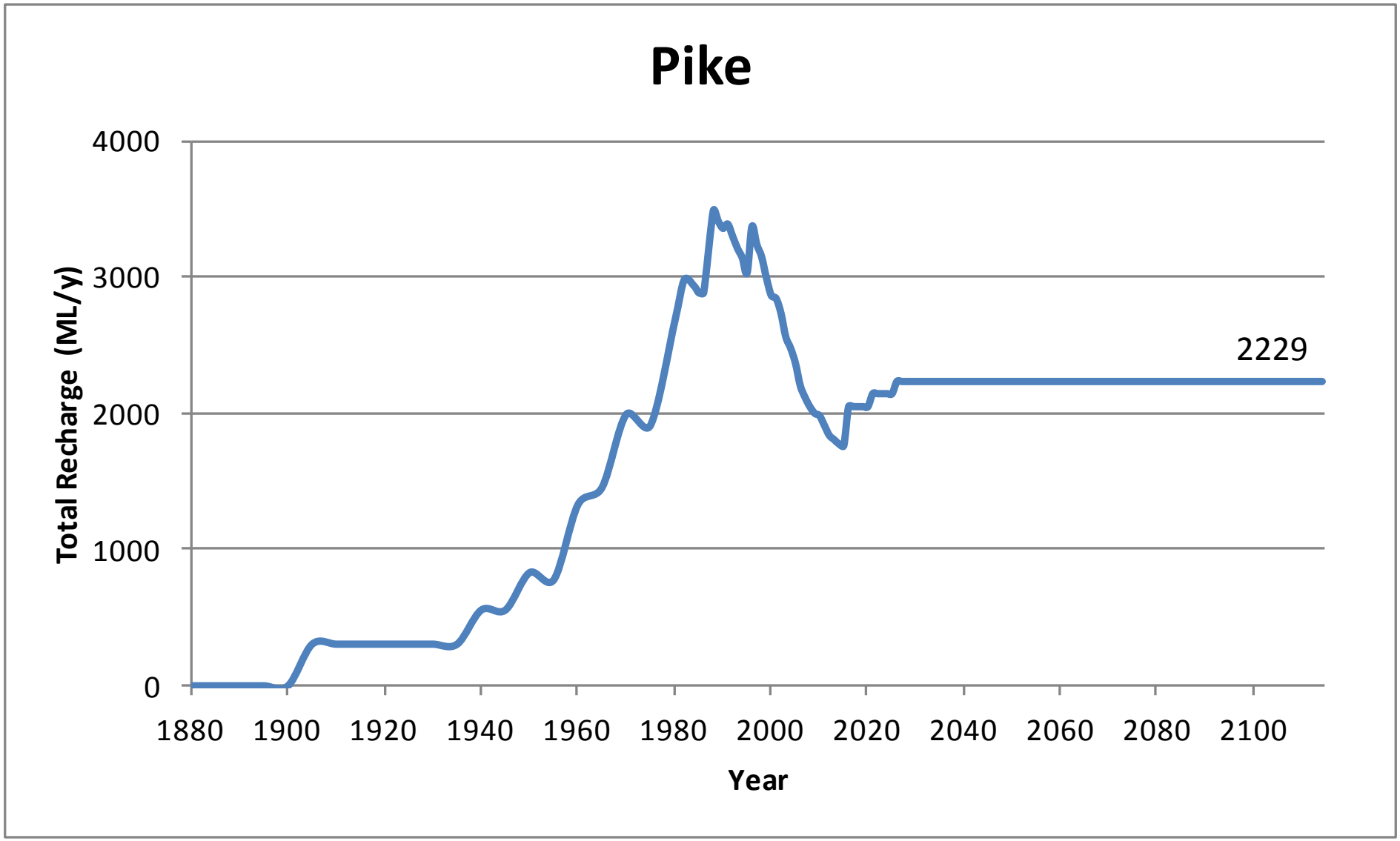
A-2. Model pre-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Murtho (S3A)

Murtho				Pre-1988 Irrigation																													
Irrigation Start Year				1940	1950	1965	1985	1980	1950	1960	1970	1960	1950	1950	1960	1960	1970	1980	1940	1980	1980	1960	1970	1960	1960	1960	1980	1945	1985	1985	1985	1988	1988
Lag time (Years)				30	30	35	30	40	10	10	10	30	45	50	45	40	50	45	5	10	15	30	45	45	40	30	35	5	30	30	25	5	5
MODFLOW zone number				37	38	39	40	41	43	44	45	46	47	48	49	50	51	52	59	60	61	88	114	115	116	117	118	120	121	122	123	124	125
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																													
1997	1998	42734	43099	200	200	0.1	0.1	0.1	350	350	400	285	285	0.1	0.1	0.1	0.1	0.1	405	455	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1998	1999	43099	43464	200	200	0.1	0.1	0.1	350	350	400	285	285	0.1	0.1	0.1	0.1	0.1	405	455	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1999	2000	43464	43829	200	200	0.1	0.1	0.1	350	350	400	285	285	0.1	0.1	0.1	0.1	0.1	405	455	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
2000	2001	43829	44195	200	200	100	0.1	0.1	350	350	400	285	285	100	0.1	100	0.1	0.1	405	455	405	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2001	2002	44195	44560	200	200	100	0.1	0.1	350	350	400	285	285	100	0.1	100	0.1	0.1	405	455	405	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2002	2003	44560	44925	200	200	100	0.1	0.1	350	350	400	285	285	100	0.1	100	0.1	0.1	405	455	405	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2003	2004	44925	45290	200	200	100	0.1	0.1	350	350	400	285	285	100	0.1	100	0.1	0.1	405	455	405	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2004	2005	45290	45656	200	200	100	0.1	0.1	350	350	400	285	285	100	0.1	100	0.1	0.1	405	455	405	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2005	2006	45656	46021	200	200	100	0.1	0.1	350	350	400	285	285	100	100	100	0.1	0.1	405	455	405	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2006	2007	46021	46386	200	200	100	0.1	0.1	350	350	400	285	285	100	100	100	0.1	0.1	405	455	405	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2007	2008	46386	46751	200	200	100	0.1	0.1	350	350	400	285	285	100	100	100	0.1	0.1	405	455	405	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2008	2009	46751	47117	200	200	100	0.1	0.1	350	350	400	285	285	100	100	100	0.1	0.1	405	455	405	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2009	2010	47117	47482	200	200	100	0.1	0.1	350	350	400	285	285	100	100	100	0.1	0.1	405	455	405	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2010	2011	47482	47847	200	200	100	0.1	0.1	350	350	400	285	285	100	100	100	0.1	0.1	405	455	405	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100
2011	2012	47847	48212	200	200	100	0.1	0.1	350	350	400	285	285	100	100	100	0.1	0.1	405	455	405	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100
2012	2013	48212	48578	200	200	100	0.1	0.1	350	350	400	285	285	100	100	100	0.1	0.1	405	455	405	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100
2013	2014	48578	48943	200	200	100	0.1	0.1	350	350	400	285	285	100	100	100	0.1	0.1	405	455	405	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100
2014	2015	48943	49308	200	200	100	0.1	0.1	350	350	400	285	285	100	100	100	0.1	0.1	405	455	405	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100
2015	2016	49308	49673	200	200	100	100	0.1	350	350	400	285	285	100	100	100	0.1	0.1	405	455	405	100	100	100	100	100	100	100	100	100	100	100	100
2016	2017	49673	50039	200	200	100	100	0.1	350	350	400	285	285	100	100	100	0.1	0.1	405	455	405	100	100	100	100	100	100	100	100	100	100	100	100
2017	2018	50039	50404	200	200	100	100	0.1	350	350	400	285	285	100	100	100	0.1	0.1	405	455	405	100	100	100	100	100	100	100	100	100	100	100	100
2018	2019	50404	50769	200	200	100	100	0.1	350	350	400	285	285	100	100	100	0.1	0.1	405	455	405	100	100	100	100	100	100	100	100	100	100	100	100
2019	2020	50769	51134	200	200	100	100	0.1	350	350	400	285	285	100	100	100	0.1	0.1	405	455	405	100	100	100	100	100	100	100	100	100	100	100	100
2020	2021	51134	51500	200	200	100	100	100	350	350	400	285	285	100	100	100	100	0.1	405	455	405	100	100	100	100	100	100	100	100	100	100	100	100
2021	2022	51500	51865	200	200	100	100	100	350	350	400	285	285	100	100	100	100	0.1	405	455	405	100	100	100	100	100	100	100	100	100	100	100	100
2022	2023	51865	52230	200	200	100	100	100	350	350	400	285	285	100	100	100	100	0.1	405	455	405	100	100	100	100	100	100	100	100	100	100	100	100
2023	2024	52230	52595	200	200	100	100	100	350	350	400	285	285	100	100	100	100	0.1	405	455	405	100	100	100	100	100	100	100	100	100	100	100	100
2024	2025	52595	52961	200	200	100	100	100	350	350	400	285	285	100	100	100	100	0.1	405	455	405	100	100	100	100	100	100	100	100	100	100	100	100
2025	2026	52961	53326	200	200	100	100	100	350	350	400	285	285	100	100	100	100	100	405	455	405	100	100	100	100	100	100	100	100	100	100	100	100
2026	2027	53326	53691	200	200	100	100	100	350	350	400	285	285	100	100	100	100	100	405	455	405	100	100	100	100	100	100	100	100	100	100	100	100
2027	2028	53691	54056	200	200	100	100	100	350	350	400	285	285	100	100	100	100	100	405	455	405	100	100	100	100	100	100	100	100	100	100	100	100
2028	2029	54056	54422	200	200	100	100	100	350	350	400	285	285	100	100	100	100	100	405	455	405	100	100	100	100	100	100	100	100	100	100	100	100
2029	2030	54422	54787	200	200	100	100	100	350	350	400	285	285	100	100	100	100	100	405	455	405	100	100	100	100	100	100	100	100	100	100	100	100
2030	2114	54787	85467	200	200	100	100	100	350	350	400	285	285	100	100	100	100	100	405	455	405	100	100	100	100	100	100	100	100	100	100	100	100

A-2. Model pre-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Murtho (S3A)

Murtho				Post-1988 Irrigation																									
Irrigation Start Year				2000	1990	1997	1990	1997	1999	2000	2000	2000	2003	2003	2004	2011	2000	2003	2003	2003	2003	2004	2004	2004	2007	2008	2008	2008	
Lag time (Years)				15	25	20	30	35	35	35	5	35	25	15	15	20	20	25	20	25	35	20	20	35	35	20	20	30	
MODFLOW zone number				42	53	54	55	56	57	58	62	63	64	85	86	87	89	90	91	92	93	94	95	96	97	98	99	100	
Irrigation Start Year				2011	2011	2011	2011	2011	2003	2004	2004	2011	2011	2011	2011	2011	1999	1999	1999	1999	2001	2003	2003	2003	2003	2011	2011	2011	2011
Lag time (Years)				50	0	15	20	25	30	20	25	25	0	5	10	25	15	25	5	25	25	15	20	5	15	0	25	5	15
MODFLOW zone number				101	102	103	104	105	106	107	108	109	110	111	112	113	126	127	128	129	130	131	132	133	134	135	136	137	138
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																									
Steady-state		0	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1880	1885	1	1827	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1885	1890	1827	3653	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1890	1900	3653	7305	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1900	1910	7305	10957	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1910	1920	10957	14609	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1920	1930	14609	18262	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1930	1940	18262	21914	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1940	1950	21914	25567	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1950	1960	25567	29219	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1960	1970	29219	32872	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1970	1980	32872	36524	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1980	1990	36524	40177	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1990	2000	40177	43829	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2000	2010	43829	47482	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2010	2020	47482	51134	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2020	2030	51134	54787	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2030	2040	54787	58439	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2040	2050	58439	62092	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2050	2060	62092	65744	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2060	2070	65744	69397	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2070	2080	69397	73049	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2080	2090	73049	76702	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2090	2100	76702	80354	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2100	2114	80354	85467	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

A-2. Model post-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Murtho (S3A)



A-2. Total Recharge Volume Applied in Pike (S3C and S7B)

Pike				Pre-1988 Irrigation																											
Irrigation Start Year				1894	1930	1940	1950	1950	1970	1970	1975	1980	1940	1950	1965	1970	1988	1940	1940	1950	1960	1970	1970	1980	1980	1960	1950	1960	1960	1970	1970
Lag time (Years)				5	5	5	5	10	5	10	10	5	25	10	50	15	0	15	25	25	55	45	25	40	45	15	30	40	35	30	25
MODFLOW zone number				2	3	4	5	6	7	8	9	10	13	14	15	16	17	19	20	21	22	23	24	25	26	30	31	32	33	34	35
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																											
Steady-state		0	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1880	1885	1	1827	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1885	1890	1827	3653	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1890	1895	3653	5479	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1895	1900	5479	7305	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1900	1905	7305	9131	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1905	1910	9131	10957	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1910	1915	10957	12783	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1915	1920	12783	14609	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1920	1925	14609	16436	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1925	1930	16436	18262	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1930	1935	18262	20088	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1935	1940	20088	21914	500	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1940	1945	21914	23741	500	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1945	1950	23741	25567	500	500	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1950	1955	25567	27393	500	450	450	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1955	1960	27393	29219	450	440	400	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1960	1965	29219	31046	450	430	350	450	120	0.1	0.1	0.1	0.1	0.1	450	0.1	0.1	0.1	200	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1965	1970	31046	32872	400	420	300	350	120	0.1	0.1	0.1	0.1	400	450	0.1	0.1	0.1	200	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1970	1975	32872	34698	400	410	250	300	120	0.1	0.1	0.1	0.1	400	450	0.1	0.1	0.1	200	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1975	1980	34698	36524	350	400	200	300	120	250	0.1	0.1	0.1	400	450	0.1	0.1	0.1	200	200	200	0.1	0.1	200	0.1	0.1	300	0.1	0.1	0.1	0.1	0.1
1980	1982	36524	37255	330	390	200	300	120	250	250	0.1	0.1	400	390	0.1	0.1	0.1	200	200	200	0.1	0.1	200	0.1	0.1	270	250	0.1	0.1	0.1	0.1
1982	1984	37255	37985	310	380	200	300	120	230	250	0.1	0.1	400	390	0.1	0.1	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1984	1986	37985	38716	290	370	200	300	120	210	250	0.1	0.1	390	390	0.1	0.1	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1986	1988	38716	39446	270	360	200	300	120	200	250	200	250	390	390	0.1	100	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1988	1989	39446	39812	250	350	200	300	120	200	250	200	230	370	390	0.1	100	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1989	1990	39812	40177	230	340	200	300	120	200	230	200	210	370	390	0.1	100	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1990	1991	40177	40542	210	330	200	300	110	200	230	200	200	350	350	0.1	100	135	190	190	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1991	1992	40542	40907	200	320	200	250	110	190	230	200	190	350	350	0.1	100	135	180	180	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1992	1993	40907	41273	200	310	200	230	110	180	230	200	180	330	350	0.1	100	135	170	170	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1993	1994	41273	41638	200	300	200	210	110	170	210	200	170	330	330	0.1	100	135	160	160	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1994	1995	41638	42003	200	290	200	200	100	160	200	200	160	300	330	0.1	100	135	150	150	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1995	1996	42003	42368	200	280	200	200	100	150	200	200	150	300	310	0.1	100	135	140	140	200	0.1	0.1	200	0.1	0.1	250	250	0.1	400	0.1	400
1996	1997	42368	42734	200	270	200	190	100	140	200	200	140	250	310	0.1	100	135	130	130	200	0.1	0.1	200	0.1	0.1	250	250	0.1	400	0.1	400

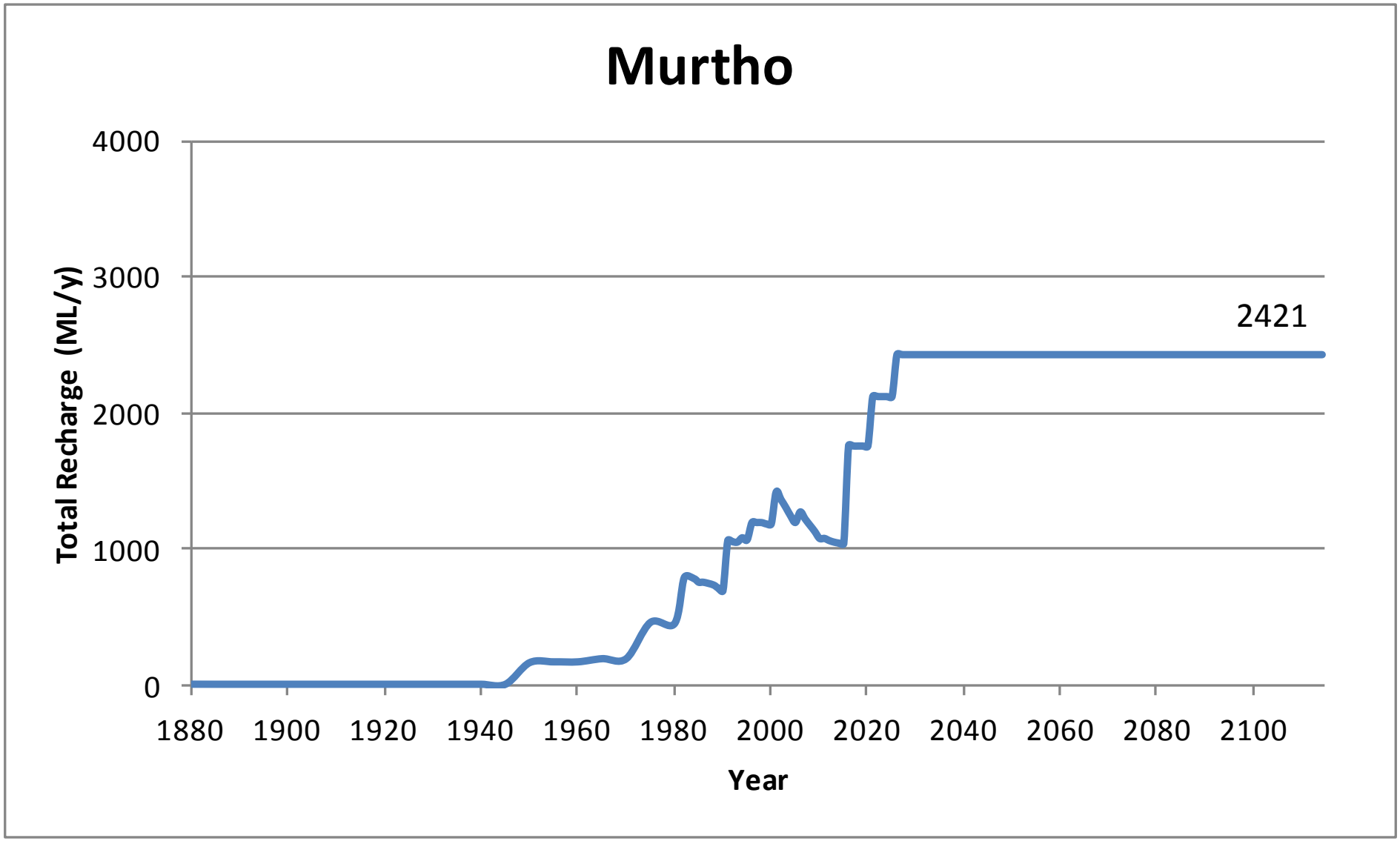
A-2. Model pre-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Pike (S3C and S7B)

Pike				Pre-1988 Irrigation																											
Irrigation Start Year				1894	1930	1940	1950	1950	1970	1970	1975	1980	1940	1950	1965	1970	1988	1940	1940	1950	1960	1970	1970	1980	1980	1960	1950	1960	1960	1970	1970
Lag time (Years)				5	5	5	5	10	5	10	10	5	25	10	50	15	0	15	25	25	55	45	25	40	45	15	30	40	35	30	25
MODFLOW zone number				2	3	4	5	6	7	8	9	10	13	14	15	16	17	19	20	21	22	23	24	25	26	30	31	32	33	34	35
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																											
1997	1998	42734	43099	200	260	200	170	100	130	200	200	130	230	290	0.1	100	135	120	120	200	0.1	0.1	200	0.1	0.1	250	250	0.1	400	0.1	400
1998	1999	43099	43464	200	250	200	150	100	120	200	200	120	200	270	0.1	100	135	110	110	200	0.1	0.1	200	0.1	0.1	250	250	0.1	350	0.1	350
1999	2000	43464	43829	200	240	200	130	100	110	200	200	110	190	250	0.1	100	135	100	100	190	0.1	0.1	190	0.1	0.1	225	225	0.1	350	0.1	350
2000	2001	43829	44195	190	230	190	100	100	100	190	190	100	170	230	0.1	100	115	100	100	180	0.1	0.1	180	0.1	0.1	200	200	250	350	350	350
2001	2002	44195	44560	180	220	170	100	100	100	180	180	100	150	210	0.1	100	115	100	100	170	0.1	0.1	170	0.1	0.1	190	190	230	350	350	350
2002	2003	44560	44925	170	210	150	100	100	100	170	170	100	130	200	0.1	100	115	100	100	160	0.1	0.1	160	0.1	0.1	180	180	210	300	300	300
2003	2004	44925	45290	160	200	140	100	100	100	160	160	100	120	192	0.1	100	115	100	100	150	0.1	0.1	150	0.1	0.1	170	170	200	300	300	300
2004	2005	45290	45656	150	190	130	100	100	100	150	150	100	110	170	0.1	100	100	100	100	140	0.1	0.1	140	0.1	0.1	150	150	190	300	300	300
2005	2006	45656	46021	140	180	120	100	100	100	140	140	100	100	150	0.1	100	100	100	100	130	0.1	0.1	130	0.1	0.1	130	130	170	250	250	250
2006	2007	46021	46386	120	170	110	100	100	100	130	130	100	100	130	0.1	100	100	100	100	120	0.1	0.1	120	0.1	0.1	110	110	150	250	250	250
2007	2008	46386	46751	110	160	100	100	100	100	120	120	100	100	110	0.1	100	100	100	100	110	0.1	0.1	110	0.1	0.1	100	100	130	250	250	250
2008	2009	46751	47117	100	150	100	100	100	100	110	110	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	110	250	250	250
2009	2010	47117	47482	100	140	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	100	250	250	250
2010	2011	47482	47847	100	130	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	100	200	200	200
2011	2012	47847	48212	100	120	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	100	150	150	150
2012	2013	48212	48578	100	110	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	100	130	130	130
2013	2014	48578	48943	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	100	110	110	110
2014	2015	48943	49308	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	100	100	100	100
2015	2016	49308	49673	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100
2016	2017	49673	50039	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100
2017	2018	50039	50404	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100
2018	2019	50404	50769	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100
2019	2020	50769	51134	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100
2020	2021	51134	51500	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100
2021	2022	51500	51865	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100
2022	2023	51865	52230	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100
2023	2024	52230	52595	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100
2024	2025	52595	52961	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100
2025	2026	52961	53326	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2026	2027	53326	53691	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2027	2028	53691	54056	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2028	2029	54056	54422	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2029	2030	54422	54787	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2030	2114	54787	85467	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

A-2. Model pre-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Pike (S3C and S7B)

Pike				Post-1988 Irrigation																										
Irrigation Start Year				1990	2000	1995	2000	2000	2000	2003	2003	2011	2011	2007	2011	2011	2011	2003	2011	2011	2003	2004	2007	2008	2011	2011	2011	2011	2011	2008
Lag time (Years)				0	20	0	15	15	30	45	10	5	10	25	5	20	30	15	10	20	20	20	20	20	0	15	30	30	35	15
MODFLOW zone number				11	12	18	27	28	29	36	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	119
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																										
Steady-state		0	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1880	1885	1	1827	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1885	1890	1827	3653	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1890	1900	3653	7305	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1900	1910	7305	10957	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1910	1920	10957	14609	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1920	1930	14609	18262	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1930	1940	18262	21914	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1940	1950	21914	25567	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1950	1960	25567	29219	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1960	1970	29219	32872	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1970	1980	32872	36524	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1980	1990	36524	40177	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1990	2000	40177	43829	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2000	2010	43829	47482	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2010	2020	47482	51134	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2020	2030	51134	54787	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2030	2040	54787	58439	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2040	2050	58439	62092	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2050	2060	62092	65744	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2060	2070	65744	69397	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2070	2080	69397	73049	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2080	2090	73049	76702	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2090	2100	76702	80354	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2100	2114	80354	85467	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

A-2. Model post-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Pike (S3C and S7B)



A-2. Total Recharge Volume Applied in Murtho (S3C and S7B)

Murtho				Pre-1988 Irrigation																													
Irrigation Start Year				1940	1950	1965	1985	1980	1950	1960	1970	1960	1950	1950	1960	1960	1970	1980	1940	1980	1980	1960	1970	1960	1960	1960	1980	1945	1985	1985	1985	1988	1988
Lag time (Years)				30	30	35	30	40	10	10	10	30	45	50	45	40	50	45	5	10	15	30	45	45	40	30	35	5	30	30	25	5	5
MODFLOW zone number				37	38	39	40	41	43	44	45	46	47	48	49	50	51	52	59	60	61	88	114	115	116	117	118	120	121	122	123	124	125
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																													
Steady-state		0	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1880	1885	1	1827	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1885	1890	1827	3653	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1890	1895	3653	5479	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1895	1900	5479	7305	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1900	1905	7305	9131	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1905	1910	9131	10957	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1910	1915	10957	12783	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1915	1920	12783	14609	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1920	1925	14609	16436	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1925	1930	16436	18262	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1930	1935	18262	20088	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1935	1940	20088	21914	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1940	1945	21914	23741	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1945	1950	23741	25567	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	455	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1950	1955	25567	27393	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	455	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1955	1960	27393	29219	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	455	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1960	1965	29219	31046	0.1	0.1	0.1	0.1	0.1	520	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	435	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1965	1970	31046	32872	0.1	0.1	0.1	0.1	0.1	520	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	435	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1970	1975	32872	34698	200	0.1	0.1	0.1	0.1	500	475	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	435	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1975	1980	34698	36524	200	0.1	0.1	0.1	0.1	475	475	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	415	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1980	1982	36524	37255	200	200	0.1	0.1	0.1	450	450	475	0.1	0.1	0.1	0.1	0.1	0.1	0.1	415	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1982	1984	37255	37985	200	200	0.1	0.1	0.1	430	430	475	0.1	0.1	0.1	0.1	0.1	0.1	0.1	415	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1984	1986	37985	38716	200	200	0.1	0.1	0.1	400	400	450	0.1	0.1	0.1	0.1	0.1	0.1	0.1	405	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1986	1988	38716	39446	200	200	0.1	0.1	0.1	375	375	430	0.1	0.1	0.1	0.1	0.1	0.1	0.1	405	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1988	1989	39446	39812	200	200	0.1	0.1	0.1	350	350	400	0.1	0.1	0.1	0.1	0.1	0.1	0.1	405	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1989	1990	39812	40177	200	200	0.1	0.1	0.1	330	330	375	0.1	0.1	0.1	0.1	0.1	0.1	0.1	405	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1990	1991	40177	40542	200	200	0.1	0.1	0.1	325	325	350	285	0.1	0.1	0.1	0.1	0.1	0.1	405	455	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	0.1	0.1
1991	1992	40542	40907	200	200	0.1	0.1	0.1	325	325	330	285	0.1	0.1	0.1	0.1	0.1	0.1	405	455	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	0.1	0.1
1992	1993	40907	41273	200	200	0.1	0.1	0.1	325	325	325	285	0.1	0.1	0.1	0.1	0.1	0.1	405	455	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	0.1	0.1
1993	1994	41273	41638	200	200	0.1	0.1	0.1	325	325	325	285	0.1	0.1	0.1	0.1	0.1	0.1	405	455	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1994	1995	41638	42003	200	200	0.1	0.1	0.1	325	325	325	285	0.1	0.1	0.1	0.1	0.1	0.1	405	405	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1995	1996	42003	42368	200	200	0.1	0.1	0.1	325	325	325	285	285	0.1	0.1	0.1	0.1	0.1	405	405	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1996	1997	42368	42734	200	200	0.1	0.1	0.1	325	325	325	285	285	0.1	0.1	0.1	0.1	0.1	405	405	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100

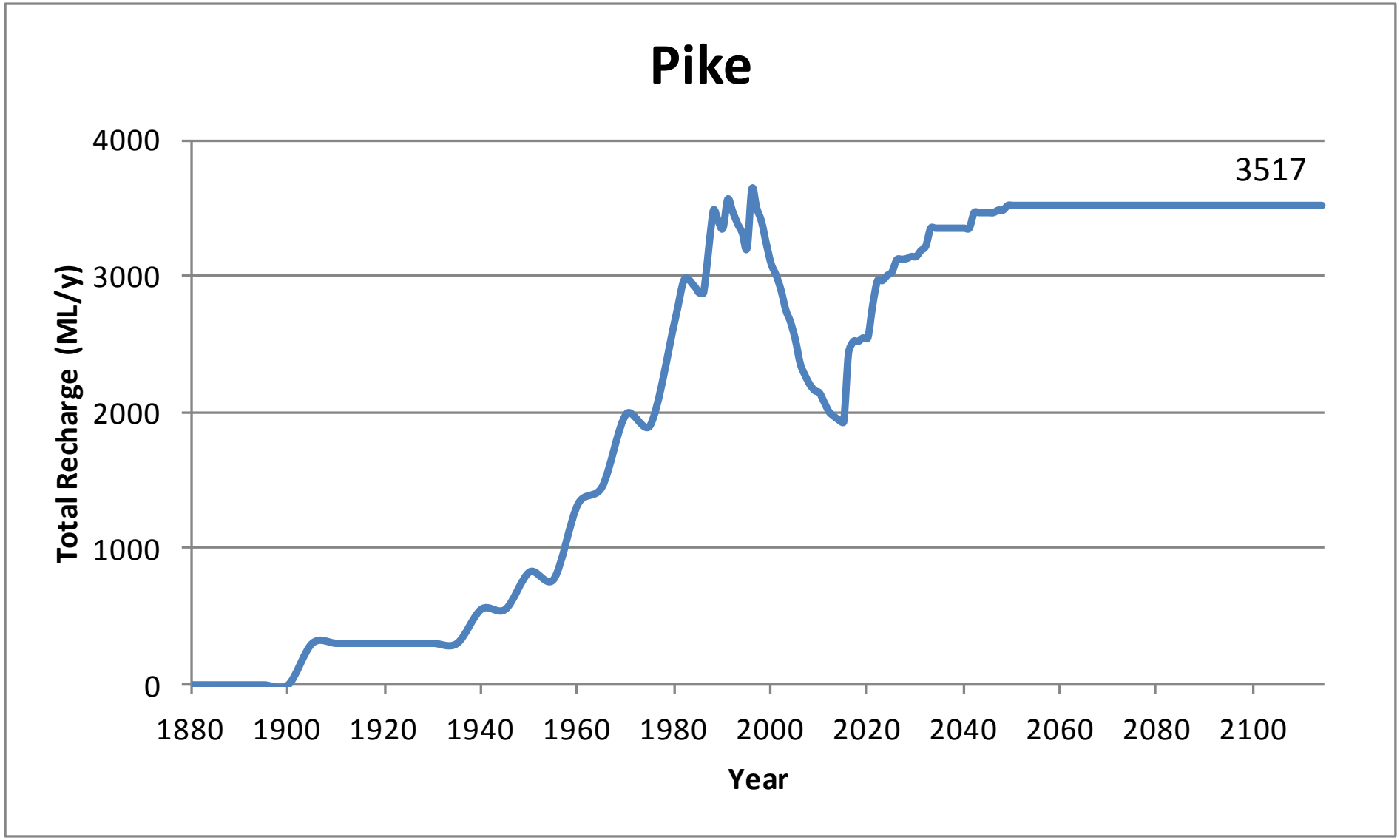
A-2. Model pre-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Murtho (S3C and S7B)

Murtho				Pre-1988 Irrigation																													
Irrigation Start Year				1940	1950	1965	1985	1980	1950	1960	1970	1960	1950	1950	1960	1960	1970	1980	1940	1980	1980	1960	1970	1960	1960	1960	1980	1945	1985	1985	1985	1988	1988
Lag time (Years)				30	30	35	30	40	10	10	10	30	45	50	45	40	50	45	5	10	15	30	45	45	40	30	35	5	30	30	25	5	5
MODFLOW zone number				37	38	39	40	41	43	44	45	46	47	48	49	50	51	52	59	60	61	88	114	115	116	117	118	120	121	122	123	124	125
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																													
1997	1998	42734	43099	200	200	0.1	0.1	0.1	325	325	325	285	285	0.1	0.1	0.1	0.1	0.1	405	405	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1998	1999	43099	43464	200	200	0.1	0.1	0.1	300	300	325	285	285	0.1	0.1	0.1	0.1	0.1	405	405	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1999	2000	43464	43829	200	200	0.1	0.1	0.1	300	300	325	285	285	0.1	0.1	0.1	0.1	0.1	405	405	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
2000	2001	43829	44195	120	100	100	0.1	0.1	290	290	300	285	285	100	0.1	100	0.1	0.1	390	350	350	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2001	2002	44195	44560	120	100	100	0.1	0.1	270	270	300	265	265	100	0.1	100	0.1	0.1	370	300	300	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2002	2003	44560	44925	120	100	100	0.1	0.1	250	250	290	245	245	100	0.1	100	0.1	0.1	350	250	250	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2003	2004	44925	45290	120	100	100	0.1	0.1	230	230	270	225	225	100	0.1	100	0.1	0.1	330	200	200	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2004	2005	45290	45656	100	100	100	0.1	0.1	210	210	250	205	205	100	0.1	100	0.1	0.1	300	200	200	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2005	2006	45656	46021	100	100	100	0.1	0.1	190	190	230	185	185	100	100	100	0.1	0.1	290	200	200	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2006	2007	46021	46386	100	100	100	0.1	0.1	170	170	210	165	165	100	100	100	0.1	0.1	270	170	170	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2007	2008	46386	46751	100	100	100	0.1	0.1	150	150	190	145	145	100	100	100	0.1	0.1	250	150	150	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2008	2009	46751	47117	100	100	100	0.1	0.1	130	130	170	125	125	100	100	100	0.1	0.1	230	130	130	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2009	2010	47117	47482	100	100	100	0.1	0.1	110	110	150	105	105	100	100	100	0.1	0.1	210	100	100	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2010	2011	47482	47847	100	100	100	0.1	0.1	100	100	130	100	100	100	100	100	0.1	0.1	190	100	100	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100
2011	2012	47847	48212	100	100	100	0.1	0.1	100	100	110	100	100	100	100	100	0.1	0.1	170	100	100	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100
2012	2013	48212	48578	100	100	100	0.1	0.1	100	100	100	100	100	100	100	100	0.1	0.1	150	100	100	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100
2013	2014	48578	48943	100	100	100	0.1	0.1	100	100	100	100	100	100	100	100	0.1	0.1	130	100	100	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100
2014	2015	48943	49308	100	100	100	0.1	0.1	100	100	100	100	100	100	100	100	0.1	0.1	120	100	100	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100
2015	2016	49308	49673	100	100	100	100	0.1	100	100	100	100	100	100	100	100	0.1	0.1	110	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2016	2017	49673	50039	100	100	100	100	0.1	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2017	2018	50039	50404	100	100	100	100	0.1	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2018	2019	50404	50769	100	100	100	100	0.1	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2019	2020	50769	51134	100	100	100	100	0.1	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2020	2021	51134	51500	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2021	2022	51500	51865	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2022	2023	51865	52230	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2023	2024	52230	52595	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2024	2025	52595	52961	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2025	2026	52961	53326	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2026	2027	53326	53691	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2027	2028	53691	54056	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2028	2029	54056	54422	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2029	2030	54422	54787	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2030	2114	54787	85467	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

A-2. Model pre-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Murtho (S3C and S7B)

Murtho				Post-1988 Irrigation																									
Irrigation Start Year				2000	1990	1997	1990	1997	1999	2000	2000	2000	2003	2003	2004	2011	2000	2003	2003	2003	2003	2004	2004	2004	2007	2008	2008	2008	
Lag time (Years)				15	25	20	30	35	35	35	5	35	25	15	15	20	20	25	20	25	35	20	20	35	35	20	20	30	
MODFLOW zone number				42	53	54	55	56	57	58	62	63	64	85	86	87	89	90	91	92	93	94	95	96	97	98	99	100	
Irrigation Start Year				2011	2011	2011	2011	2011	2003	2004	2004	2011	2011	2011	2011	2011	1999	1999	1999	1999	2001	2003	2003	2003	2003	2011	2011	2011	2011
Lag time (Years)				50	0	15	20	25	30	20	25	25	0	5	10	25	15	25	5	25	25	15	20	5	15	0	25	5	15
MODFLOW zone number				101	102	103	104	105	106	107	108	109	110	111	112	113	126	127	128	129	130	131	132	133	134	135	136	137	138
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																									
Steady-state		0	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1880	1885	1	1827	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1885	1890	1827	3653	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1890	1900	3653	7305	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1900	1910	7305	10957	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1910	1920	10957	14609	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1920	1930	14609	18262	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1930	1940	18262	21914	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1940	1950	21914	25567	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1950	1960	25567	29219	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1960	1970	29219	32872	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1970	1980	32872	36524	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1980	1990	36524	40177	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1990	2000	40177	43829	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2000	2010	43829	47482	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2010	2020	47482	51134	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2020	2030	51134	54787	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2030	2040	54787	58439	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2040	2050	58439	62092	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2050	2060	62092	65744	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2060	2070	65744	69397	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2070	2080	69397	73049	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2080	2090	73049	76702	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2090	2100	76702	80354	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2100	2114	80354	85467	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

A-2. Model post-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Murtho (S3C and S7B)



A-2. Total Recharge Volume Applied in Pike (S4 and S7A)

Pike				Pre-1988 Irrigation																											
Irrigation Start Year				1894	1930	1940	1950	1950	1970	1970	1975	1980	1940	1950	1965	1970	1988	1940	1940	1950	1960	1970	1970	1980	1980	1960	1950	1960	1960	1970	1970
Lag time (Years)				5	5	5	5	10	5	10	10	5	25	10	50	15	0	15	25	25	55	45	5	40	45	15	30	40	35	30	25
MODFLOW zone number				2	3	4	5	6	7	8	9	10	13	14	15	16	17	19	20	21	22	23	24	25	26	30	31	32	33	34	35
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																											
Steady-state		0	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1880	1885	1	1827	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1885	1890	1827	3653	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1890	1895	3653	5479	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1895	1900	5479	7305	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1900	1905	7305	9131	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1905	1910	9131	10957	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1910	1915	10957	12783	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1915	1920	12783	14609	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1920	1925	14609	16436	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1925	1930	16436	18262	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1930	1935	18262	20088	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1935	1940	20088	21914	500	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1940	1945	21914	23741	500	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1945	1950	23741	25567	500	500	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1950	1955	25567	27393	500	450	450	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1955	1960	27393	29219	450	440	400	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1960	1965	29219	31046	450	430	350	450	120	0.1	0.1	0.1	0.1	0.1	450	0.1	0.1	0.1	200	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1965	1970	31046	32872	400	420	300	350	120	0.1	0.1	0.1	0.1	400	450	0.1	0.1	0.1	200	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1970	1975	32872	34698	400	410	250	300	120	0.1	0.1	0.1	0.1	400	450	0.1	0.1	0.1	200	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1975	1980	34698	36524	350	400	200	300	120	250	0.1	0.1	0.1	400	450	0.1	0.1	0.1	200	200	200	0.1	0.1	200	0.1	0.1	300	0.1	0.1	0.1	0.1	0.1
1980	1982	36524	37255	330	390	200	300	120	250	250	0.1	0.1	400	390	0.1	0.1	0.1	200	200	200	0.1	0.1	200	0.1	0.1	270	250	0.1	0.1	0.1	0.1
1982	1984	37255	37985	310	380	200	300	120	230	250	0.1	0.1	400	390	0.1	0.1	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1984	1986	37985	38716	290	370	200	300	120	210	250	0.1	0.1	390	390	0.1	0.1	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1986	1988	38716	39446	270	360	200	300	120	200	250	200	250	390	390	0.1	100	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1988	1989	39446	39812	250	350	200	300	120	200	250	200	230	370	390	0.1	100	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1989	1990	39812	40177	230	340	200	300	120	200	230	200	210	370	390	0.1	100	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1990	1991	40177	40542	210	330	200	300	110	200	230	200	200	350	350	0.1	100	135	190	190	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1991	1992	40542	40907	200	320	200	250	110	190	230	200	190	350	350	0.1	100	135	180	180	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1992	1993	40907	41273	200	310	200	230	110	180	230	200	180	330	350	0.1	100	135	170	170	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1993	1994	41273	41638	200	300	200	210	110	170	210	200	170	330	330	0.1	100	135	160	160	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1994	1995	41638	42003	200	290	200	200	100	160	200	200	160	300	330	0.1	100	135	150	150	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1995	1996	42003	42368	200	280	200	200	100	150	200	200	150	300	310	0.1	100	135	140	140	200	0.1	0.1	200	0.1	0.1	250	250	0.1	400	0.1	400
1996	1997	42368	42734	200	270	200	190	100	140	200	200	140	250	310	0.1	100	135	130	130	200	0.1	0.1	200	0.1	0.1	250	250	0.1	400	0.1	400

A-2. Model pre-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Pike (S4 and S7A)

Pike				Pre-1988 Irrigation																											
Irrigation Start Year				1894	1930	1940	1950	1950	1970	1970	1975	1980	1940	1950	1965	1970	1988	1940	1940	1950	1960	1970	1970	1980	1980	1960	1950	1960	1960	1970	1970
Lag time (Years)				5	5	5	5	10	5	10	10	5	25	10	50	15	0	15	25	25	55	45	5	40	45	15	30	40	35	30	25
MODFLOW zone number				2	3	4	5	6	7	8	9	10	13	14	15	16	17	19	20	21	22	23	24	25	26	30	31	32	33	34	35
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																											
1997	1998	42734	43099	200	260	200	170	100	130	200	200	130	230	290	0.1	100	135	120	120	200	0.1	0.1	200	0.1	0.1	250	250	0.1	400	0.1	400
1998	1999	43099	43464	200	250	200	150	100	120	200	200	120	200	270	0.1	100	135	110	110	200	0.1	0.1	200	0.1	0.1	250	250	0.1	350	0.1	350
1999	2000	43464	43829	200	240	200	130	100	110	200	200	110	190	250	0.1	100	135	100	100	190	0.1	0.1	190	0.1	0.1	225	225	0.1	350	0.1	350
2000	2001	43829	44195	190	230	190	100	100	100	190	190	100	170	230	0.1	100	115	100	100	180	0.1	0.1	180	0.1	0.1	200	200	250	350	350	350
2001	2002	44195	44560	180	220	170	100	100	100	180	180	100	150	210	0.1	100	115	100	100	170	0.1	0.1	170	0.1	0.1	190	190	230	350	350	350
2002	2003	44560	44925	170	210	150	100	100	100	170	170	100	130	200	0.1	100	115	100	100	160	0.1	0.1	160	0.1	0.1	180	180	210	300	300	300
2003	2004	44925	45290	160	200	140	100	100	100	160	160	100	120	192	0.1	100	115	100	100	150	0.1	0.1	150	0.1	0.1	170	170	200	300	300	300
2004	2005	45290	45656	150	190	130	100	100	100	150	150	100	110	170	0.1	100	100	100	100	140	0.1	0.1	140	0.1	0.1	150	150	190	300	300	300
2005	2006	45656	46021	140	180	120	100	100	100	140	140	100	100	150	0.1	100	100	100	100	130	0.1	0.1	130	0.1	0.1	130	130	170	250	250	250
2006	2007	46021	46386	120	170	110	100	100	100	130	130	100	100	130	0.1	100	100	100	100	120	0.1	0.1	120	0.1	0.1	110	110	150	250	250	250
2007	2008	46386	46751	110	160	100	100	100	100	120	120	100	100	110	0.1	100	100	100	100	110	0.1	0.1	110	0.1	0.1	100	100	130	250	250	250
2008	2009	46751	47117	100	150	100	100	100	100	110	110	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	110	250	250	250
2009	2010	47117	47482	100	140	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	100	250	250	250
2010	2011	47482	47847	100	130	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	100	200	200	200
2011	2012	47847	48212	100	120	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	100	150	150	150
2012	2013	48212	48578	100	110	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	100	130	130	130
2013	2014	48578	48943	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	100	110	110	110
2014	2015	48943	49308	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	100	100	100	100
2015	2016	49308	49673	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100
2016	2017	49673	50039	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100
2017	2018	50039	50404	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100
2018	2019	50404	50769	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100
2019	2020	50769	51134	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100
2020	2021	51134	51500	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100
2021	2022	51500	51865	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100
2022	2023	51865	52230	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100
2023	2024	52230	52595	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100
2024	2025	52595	52961	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100
2025	2026	52961	53326	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2026	2027	53326	53691	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2027	2028	53691	54056	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2028	2029	54056	54422	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2029	2030	54422	54787	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2030	2114	54787	85467	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

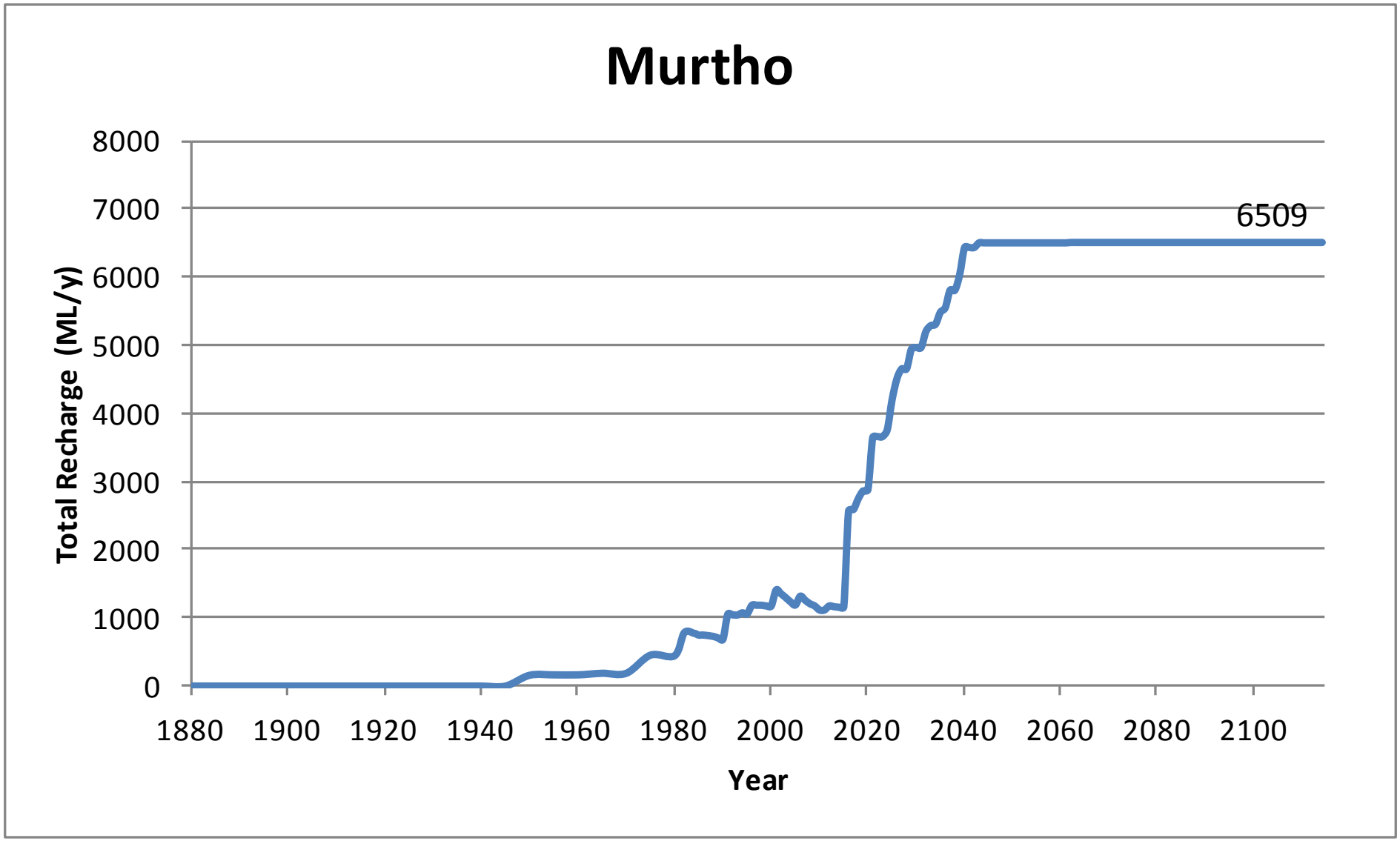
A-2. Model pre-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Pike (S4 and S7A)

Pike				Post-1988 Irrigation																										
Irrigation Start Year				1990	2000	1995	2000	2000	2000	2003	2003	2003	2011	2011	2007	2011	2011	2011	2003	2011	2011	2003	2004	2007	2008	2011	2011	2011	2011	2011	2008
Lag time (Years)				0	20	0	15	15	30	45	5	10	5	10	25	5	20	30	15	10	20	20	20	20	20	0	15	30	30	35	15
MODFLOW zone number				11	12	18	27	28	29	36	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	119
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																										
Steady-state		0	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1880	1990	1	40177	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1990	1991	40177	40542	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1991	1992	40542	40907	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1992	1993	40907	41273	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1993	1994	41273	41638	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1994	1995	41638	42003	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1995	1996	42003	42368	200	0.1	135	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1996	1997	42368	42734	190	0.1	135	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1997	1998	42734	43099	180	0.1	135	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1998	1999	43099	43464	170	0.1	135	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1999	2000	43464	43829	150	0.1	135	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2000	2001	43829	44195	100	0.1	115	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2001	2002	44195	44560	100	0.1	115	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2002	2003	44560	44925	130	0.1	115	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2003	2004	44925	45290	120	0.1	115	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2004	2005	45290	45656	110	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2005	2006	45656	46021	100	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2006	2007	46021	46386	100	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2007	2008	46386	46751	100	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2008	2009	46751	47117	100	0.1	100	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2009	2010	47117	47482	100	0.1	100	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2010	2011	47482	47847	100	0.1	100	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2011	2012	47847	48212	100	0.1	100	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
2012	2013	48212	48578	100	0.1	100	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
2013	2014	48578	48943	100	0.1	100	0.1	0.1	0.1	0.1	100	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
2014	2015	48943	49308	100	0.1	100	0.1	0.1	0.1	0.1	100	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
2015	2016	49308	49673	100	0.1	100	100	100	0.1	0.1	100	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
2016	2017	49673	50039	100	0.1	100	100	100	0.1	0.1	100	100	100	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
2017	2018	50039	50404	100	0.1	100	100	100	0.1	0.1	100	100	100	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
2018	2019	50404	50769	100	0.1	100	100	100	0.1	0.1	100	100	100	0.1	0.1	100	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
2019	2020	50769	51134	100	0.1	100	100	100	0.1	0.1	100	100	100	0.1	0.1	100	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1

A-2. Model post-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Pike (S4 and S7A)

Pike				Post-1988 Irrigation																											
Irrigation Start Year				1990	2000	1995	2000	2000	2000	2003	2003	2003	2011	2011	2007	2011	2011	2011	2003	2011	2011	2003	2004	2007	2008	2011	2011	2011	2011	2011	2008
Lag time (Years)				0	20	0	15	15	30	45	5	10	5	10	25	5	20	30	15	10	20	20	20	20	20	0	15	30	30	35	15
MODFLOW zone number				11	12	18	27	28	29	36	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	119
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																											
2020	2021	51134	51500	100	100	100	100	100	0.1	0.1	100	100	100	0.1	0.1	100	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
2021	2022	51500	51865	100	100	100	100	100	0.1	0.1	100	100	100	100	0.1	100	0.1	0.1	100	100	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
2022	2023	51865	52230	100	100	100	100	100	0.1	0.1	100	100	100	100	0.1	100	0.1	0.1	100	100	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
2023	2024	52230	52595	100	100	100	100	100	0.1	0.1	100	100	100	100	0.1	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	100
2024	2025	52595	52961	100	100	100	100	100	0.1	0.1	100	100	100	100	0.1	100	0.1	0.1	100	100	0.1	100	100	0.1	0.1	100	0.1	0.1	0.1	0.1	100
2025	2026	52961	53326	100	100	100	100	100	0.1	0.1	100	100	100	100	0.1	100	0.1	0.1	100	100	0.1	100	100	0.1	0.1	100	0.1	0.1	0.1	0.1	100
2026	2027	53326	53691	100	100	100	100	100	0.1	0.1	100	100	100	100	0.1	100	0.1	0.1	100	100	0.1	100	100	0.1	0.1	100	100	0.1	0.1	0.1	100
2027	2028	53691	54056	100	100	100	100	100	0.1	0.1	100	100	100	100	0.1	100	0.1	0.1	100	100	0.1	100	100	100	0.1	100	100	0.1	0.1	0.1	100
2028	2029	54056	54422	100	100	100	100	100	0.1	0.1	100	100	100	100	0.1	100	0.1	0.1	100	100	0.1	100	100	100	100	100	100	0.1	0.1	0.1	100
2029	2030	54422	54787	100	100	100	100	100	0.1	0.1	100	100	100	100	0.1	100	0.1	0.1	100	100	0.1	100	100	100	100	100	100	0.1	0.1	0.1	100
2030	2031	54787	55152	100	100	100	100	100	100	0.1	100	100	100	100	0.1	100	0.1	0.1	100	100	0.1	100	100	100	100	100	100	0.1	0.1	0.1	100
2031	2032	55152	55517	100	100	100	100	100	100	0.1	100	100	100	100	0.1	100	100	0.1	100	100	100	100	100	100	100	100	100	0.1	0.1	0.1	100
2032	2033	55517	55883	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	0.1	0.1	0.1	100
2033	2034	55883	56248	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	0.1	0.1	0.1	100
2034	2035	56248	56613	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	0.1	0.1	0.1	100
2035	2036	56613	56978	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	0.1	0.1	0.1	100
2036	2037	56978	57344	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	0.1	0.1	0.1	100
2037	2038	57344	57709	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	0.1	0.1	0.1	100
2038	2039	57709	58074	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	0.1	0.1	0.1	100
2039	2040	58074	58439	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	0.1	0.1	0.1	100
2040	2041	58439	58805	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	0.1	0.1	0.1	100
2041	2042	58805	59170	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100
2042	2043	59170	59535	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100
2043	2044	59535	59900	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100
2044	2045	59900	60266	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100
2045	2046	60266	60631	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100
2046	2047	60631	60996	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2047	2048	60996	61361	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2048	2049	61361	61727	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2049	2050	61727	62092	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2050	2114	62092	85467	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

A-2. Model post-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Pike (S4 and S7A)



A-2. Total Recharge Volume Applied in Murtho (S4 and S7A)

Murtho				Pre-1988 Irrigation																													
Irrigation Start Year				1940	1950	1965	1985	1980	1950	1960	1970	1960	1950	1950	1960	1960	1970	1980	1940	1980	1980	1960	1970	1960	1960	1960	1980	1945	1985	1985	1985	1988	1988
Lag time (Years)				30	30	35	30	40	10	10	10	30	45	50	45	40	50	45	5	10	15	30	45	45	40	30	35	5	30	30	25	5	5
MODFLOW zone number				37	38	39	40	41	43	44	45	46	47	48	49	50	51	52	59	60	61	88	114	115	116	117	118	120	121	122	123	124	125
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																													
Steady-state		0	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1880	1885	1	1827	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1885	1890	1827	3653	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1890	1895	3653	5479	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1895	1900	5479	7305	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1900	1905	7305	9131	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1905	1910	9131	10957	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1910	1915	10957	12783	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1915	1920	12783	14609	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1920	1925	14609	16436	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1925	1930	16436	18262	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1930	1935	18262	20088	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1935	1940	20088	21914	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1940	1945	21914	23741	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1945	1950	23741	25567	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	455	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1950	1955	25567	27393	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	455	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1955	1960	27393	29219	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	455	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1960	1965	29219	31046	0.1	0.1	0.1	0.1	0.1	520	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	435	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1965	1970	31046	32872	0.1	0.1	0.1	0.1	0.1	520	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	435	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1970	1975	32872	34698	200	0.1	0.1	0.1	0.1	500	475	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	435	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1975	1980	34698	36524	200	0.1	0.1	0.1	0.1	475	475	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	415	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1980	1982	36524	37255	200	200	0.1	0.1	0.1	450	450	475	0.1	0.1	0.1	0.1	0.1	0.1	0.1	415	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1982	1984	37255	37985	200	200	0.1	0.1	0.1	430	430	475	0.1	0.1	0.1	0.1	0.1	0.1	0.1	415	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1984	1986	37985	38716	200	200	0.1	0.1	0.1	400	400	450	0.1	0.1	0.1	0.1	0.1	0.1	0.1	405	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1986	1988	38716	39446	200	200	0.1	0.1	0.1	375	375	430	0.1	0.1	0.1	0.1	0.1	0.1	0.1	405	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1988	1989	39446	39812	200	200	0.1	0.1	0.1	350	350	400	0.1	0.1	0.1	0.1	0.1	0.1	0.1	405	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1989	1990	39812	40177	200	200	0.1	0.1	0.1	330	330	375	0.1	0.1	0.1	0.1	0.1	0.1	0.1	405	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1990	1991	40177	40542	200	200	0.1	0.1	0.1	325	325	350	285	0.1	0.1	0.1	0.1	0.1	0.1	405	455	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	0.1	0.1
1991	1992	40542	40907	200	200	0.1	0.1	0.1	325	325	330	285	0.1	0.1	0.1	0.1	0.1	0.1	405	455	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	0.1	0.1
1992	1993	40907	41273	200	200	0.1	0.1	0.1	325	325	325	285	0.1	0.1	0.1	0.1	0.1	0.1	405	455	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	0.1	0.1
1993	1994	41273	41638	200	200	0.1	0.1	0.1	325	325	325	285	0.1	0.1	0.1	0.1	0.1	0.1	405	455	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1994	1995	41638	42003	200	200	0.1	0.1	0.1	325	325	325	285	0.1	0.1	0.1	0.1	0.1	0.1	405	405	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1995	1996	42003	42368	200	200	0.1	0.1	0.1	325	325	325	285	285	0.1	0.1	0.1	0.1	0.1	405	405	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1996	1997	42368	42734	200	200	0.1	0.1	0.1	325	325	325	285	285	0.1	0.1	0.1	0.1	0.1	405	405	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100

A-2. Model pre-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Murtho (S4 and S7A)

Murtho				Pre-1988 Irrigation																													
Irrigation Start Year				1940	1950	1965	1985	1980	1950	1960	1970	1960	1950	1950	1960	1960	1970	1980	1940	1980	1980	1960	1970	1960	1960	1960	1980	1945	1985	1985	1985	1988	1988
Lag time (Years)				30	30	35	30	40	10	10	10	30	45	50	45	40	50	45	5	10	15	30	45	45	40	30	35	5	30	30	25	5	5
MODFLOW zone number				37	38	39	40	41	43	44	45	46	47	48	49	50	51	52	59	60	61	88	114	115	116	117	118	120	121	122	123	124	125
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																													
1997	1998	42734	43099	200	200	0.1	0.1	0.1	325	325	325	285	285	0.1	0.1	0.1	0.1	0.1	405	405	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1998	1999	43099	43464	200	200	0.1	0.1	0.1	300	300	325	285	285	0.1	0.1	0.1	0.1	0.1	405	405	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1999	2000	43464	43829	200	200	0.1	0.1	0.1	300	300	325	285	285	0.1	0.1	0.1	0.1	0.1	405	405	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
2000	2001	43829	44195	120	100	100	0.1	0.1	290	290	300	285	285	100	0.1	100	0.1	0.1	390	350	350	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2001	2002	44195	44560	120	100	100	0.1	0.1	270	270	300	265	265	100	0.1	100	0.1	0.1	370	300	300	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2002	2003	44560	44925	120	100	100	0.1	0.1	250	250	290	245	245	100	0.1	100	0.1	0.1	350	250	250	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2003	2004	44925	45290	120	100	100	0.1	0.1	230	230	270	225	225	100	0.1	100	0.1	0.1	330	200	200	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2004	2005	45290	45656	100	100	100	0.1	0.1	210	210	250	205	205	100	0.1	100	0.1	0.1	300	200	200	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2005	2006	45656	46021	100	100	100	0.1	0.1	190	190	230	185	185	100	100	100	0.1	0.1	290	200	200	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2006	2007	46021	46386	100	100	100	0.1	0.1	170	170	210	165	165	100	100	100	0.1	0.1	270	170	170	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2007	2008	46386	46751	100	100	100	0.1	0.1	150	150	190	145	145	100	100	100	0.1	0.1	250	150	150	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2008	2009	46751	47117	100	100	100	0.1	0.1	130	130	170	125	125	100	100	100	0.1	0.1	230	130	130	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2009	2010	47117	47482	100	100	100	0.1	0.1	110	110	150	105	105	100	100	100	0.1	0.1	210	100	100	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2010	2011	47482	47847	100	100	100	0.1	0.1	100	100	130	100	100	100	100	100	0.1	0.1	190	100	100	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100
2011	2012	47847	48212	100	100	100	0.1	0.1	100	100	110	100	100	100	100	100	0.1	0.1	170	100	100	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100
2012	2013	48212	48578	100	100	100	0.1	0.1	100	100	100	100	100	100	100	100	0.1	0.1	150	100	100	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100
2013	2014	48578	48943	100	100	100	0.1	0.1	100	100	100	100	100	100	100	100	0.1	0.1	130	100	100	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100
2014	2015	48943	49308	100	100	100	0.1	0.1	100	100	100	100	100	100	100	100	0.1	0.1	120	100	100	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100
2015	2016	49308	49673	100	100	100	100	0.1	100	100	100	100	100	100	100	100	0.1	0.1	110	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2016	2017	49673	50039	100	100	100	100	0.1	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2017	2018	50039	50404	100	100	100	100	0.1	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2018	2019	50404	50769	100	100	100	100	0.1	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2019	2020	50769	51134	100	100	100	100	0.1	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2020	2021	51134	51500	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2021	2022	51500	51865	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2022	2023	51865	52230	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2023	2024	52230	52595	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2024	2025	52595	52961	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2025	2026	52961	53326	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2026	2027	53326	53691	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2027	2028	53691	54056	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2028	2029	54056	54422	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2029	2030	54422	54787	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2030	2114	54787	85467	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

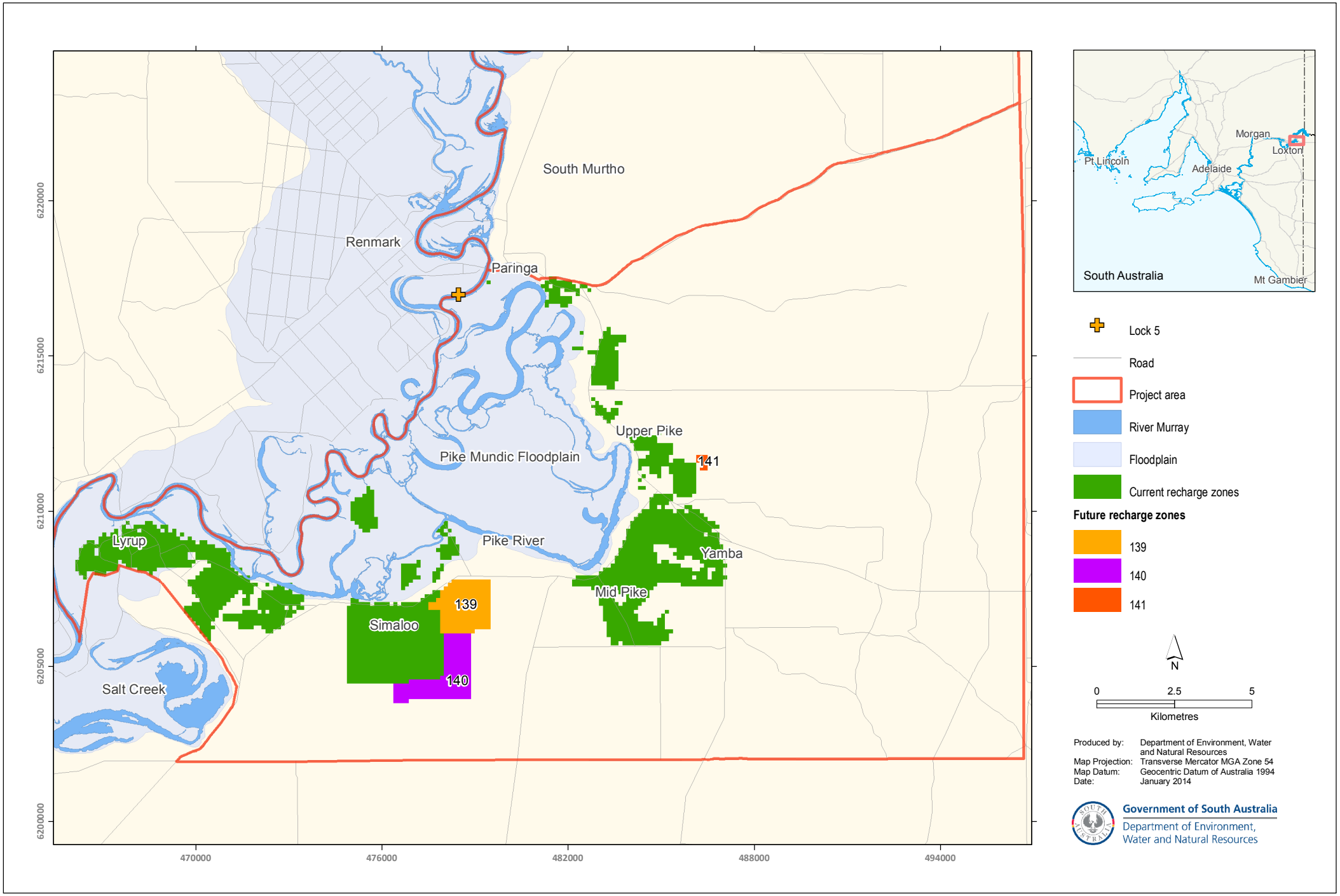
A-2. Model pre-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Murtho (S4 and S7A)

Murtho				Post-1988 Irrigation																								
Irrigation Start Year				2000	1990	1997	1990	1997	1999	2000	2000	2000	2003	2003	2004	2011	2000	2003	2003	2003	2003	2004	2004	2004	2007	2008	2008	2008
Lag time (Years)				15	25	20	30	35	35	35	5	35	25	15	15	20	20	25	20	25	35	20	20	35	35	20	20	30
MODFLOW zone number				42	53	54	55	56	57	58	62	63	64	85	86	87	89	90	91	92	93	94	95	96	97	98	99	100
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																								
Steady-state		0	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1880	1885	1	1827	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1885	2000	1827	43829	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2000	2001	43829	44195	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2001	2010	44195	47482	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2010	2011	47482	47847	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2011	2012	47847	48212	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2012	2013	48212	48578	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2013	2014	48578	48943	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2014	2015	48943	49308	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2015	2016	49308	49673	100	100	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2016	2017	49673	50039	100	100	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2017	2018	50039	50404	100	100	100	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2018	2019	50404	50769	100	100	100	0.1	0.1	0.1	0.1	100	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2019	2020	50769	51134	100	100	100	0.1	0.1	0.1	0.1	100	0.1	0.1	100	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2020	2021	51134	51500	100	100	100	100	0.1	0.1	0.1	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2021	2022	51500	51865	100	100	100	100	0.1	0.1	0.1	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2022	2023	51865	52230	100	100	100	100	0.1	0.1	0.1	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2023	2024	52230	52595	100	100	100	100	0.1	0.1	0.1	100	0.1	0.1	100	100	0.1	100	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2024	2025	52595	52961	100	100	100	100	0.1	0.1	0.1	100	0.1	0.1	100	100	0.1	100	0.1	100	0.1	0.1	100	100	0.1	0.1	0.1	0.1	0.1
2025	2026	52961	53326	100	100	100	100	0.1	0.1	0.1	100	0.1	0.1	100	100	0.1	100	0.1	100	0.1	0.1	100	100	0.1	0.1	0.1	0.1	0.1
2026	2027	53326	53691	100	100	100	100	0.1	0.1	0.1	100	0.1	0.1	100	100	0.1	100	0.1	100	0.1	0.1	100	100	0.1	0.1	0.1	0.1	0.1
2027	2028	53691	54056	100	100	100	100	0.1	0.1	0.1	100	0.1	0.1	100	100	0.1	100	0.1	100	0.1	0.1	100	100	0.1	0.1	0.1	0.1	0.1
2028	2029	54056	54422	100	100	100	100	0.1	0.1	0.1	100	0.1	100	100	100	0.1	100	100	100	100	0.1	100	100	0.1	0.1	100	100	0.1
2029	2030	54422	54787	100	100	100	100	0.1	0.1	0.1	100	0.1	100	100	100	0.1	100	100	100	100	0.1	100	100	0.1	0.1	100	100	0.1
2030	2031	54787	55152	100	100	100	100	0.1	0.1	0.1	100	0.1	100	100	100	0.1	100	100	100	100	0.1	100	100	0.1	0.1	100	100	0.1
2031	2032	55152	55517	100	100	100	100	0.1	0.1	0.1	100	0.1	100	100	100	100	100	100	100	100	0.1	100	100	0.1	0.1	100	100	0.1
2032	2033	55517	55883	100	100	100	100	100	0.1	0.1	100	0.1	100	100	100	100	100	100	100	100	0.1	100	100	0.1	0.1	100	100	0.1
2033	2034	55883	56248	100	100	100	100	100	0.1	0.1	100	0.1	100	100	100	100	100	100	100	100	0.1	100	100	0.1	0.1	100	100	0.1
2034	2035	56248	56613	100	100	100	100	100	100	0.1	100	0.1	100	100	100	100	100	100	100	100	0.1	100	100	0.1	0.1	100	100	0.1

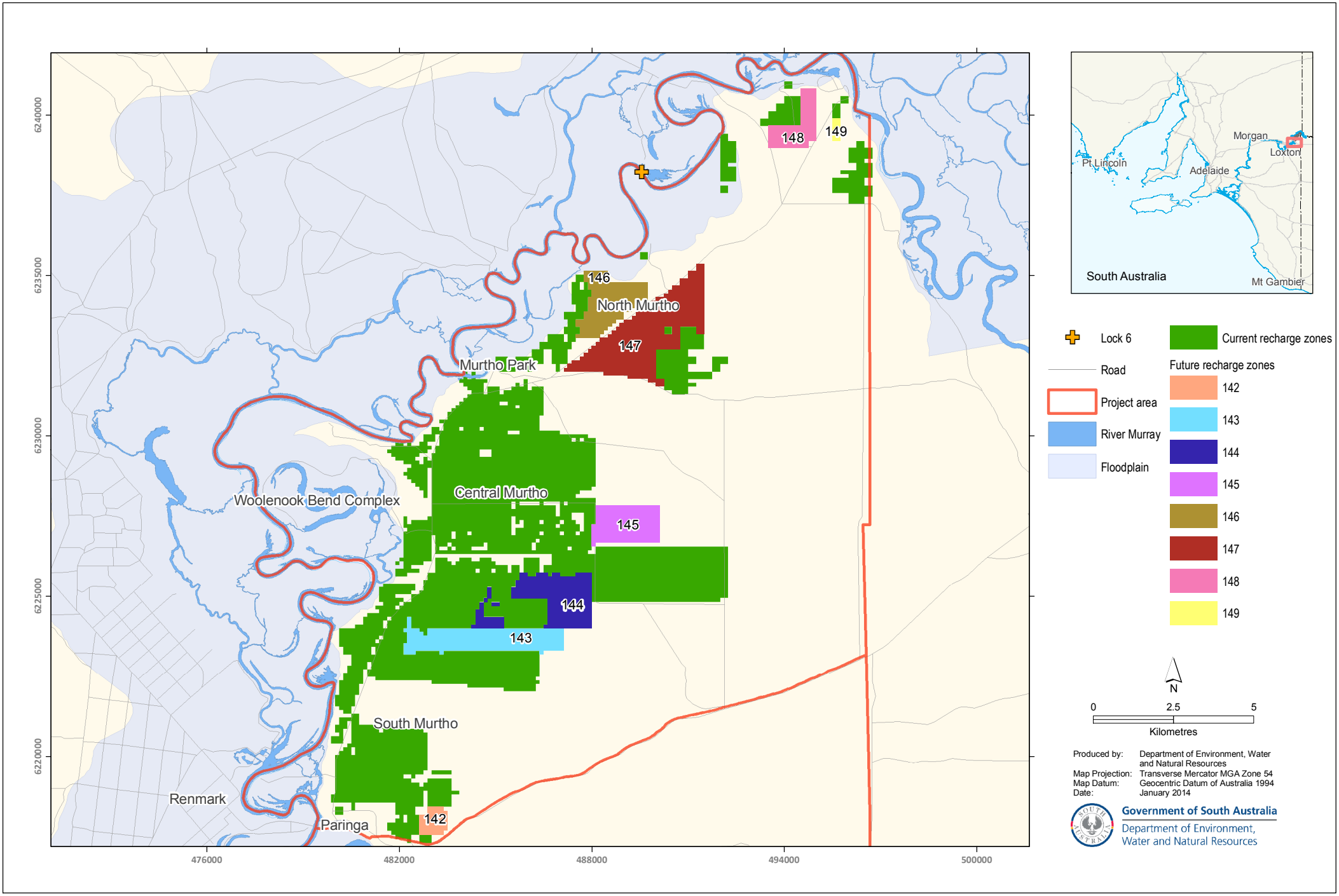
A-2. Model post-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Murtho (S4 and S7A)

Murtho				Post-1988 Irrigation																								
Irrigation Start Year				2000	1990	1997	1990	1997	1999	2000	2000	2000	2003	2003	2004	2011	2000	2003	2003	2003	2003	2004	2004	2004	2007	2008	2008	2008
Lag time (Years)				15	25	20	30	35	35	35	5	35	25	15	15	20	20	25	20	25	35	20	20	35	35	20	20	30
MODFLOW zone number				42	53	54	55	56	57	58	62	63	64	85	86	87	89	90	91	92	93	94	95	96	97	98	99	100
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																								
2035	2036	56613	56978	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	0.1	0.1	100	100	0.1
2036	2037	56978	57344	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	0.1	0.1	100	100	0.1
2037	2038	57344	57709	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	0.1	0.1	100	100	0.1
2038	2039	57709	58074	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100
2039	2040	58074	58439	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100
2040	2041	58439	58805	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100
2041	2042	58805	59170	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100
2042	2043	59170	59535	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2043	2044	59535	59900	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2044	2045	59900	60266	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2045	2046	60266	60631	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2046	2047	60631	60996	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2047	2048	60996	61361	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2048	2049	61361	61727	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2049	2050	61727	62092	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2050	2051	62092	62457	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2051	2052	62457	62822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2052	2053	62822	63188	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2053	2054	63188	63553	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2054	2055	63553	63918	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2055	2056	63918	64283	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2056	2057	64283	64649	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2057	2058	64649	65014	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2058	2059	65014	65379	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2059	2060	65379	65744	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2060	2061	65744	66110	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2061	2062	66110	66475	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2062	2063	66475	66840	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2063	2064	66840	67205	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2064	2065	67205	67571	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2065	2114	67571	85467	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

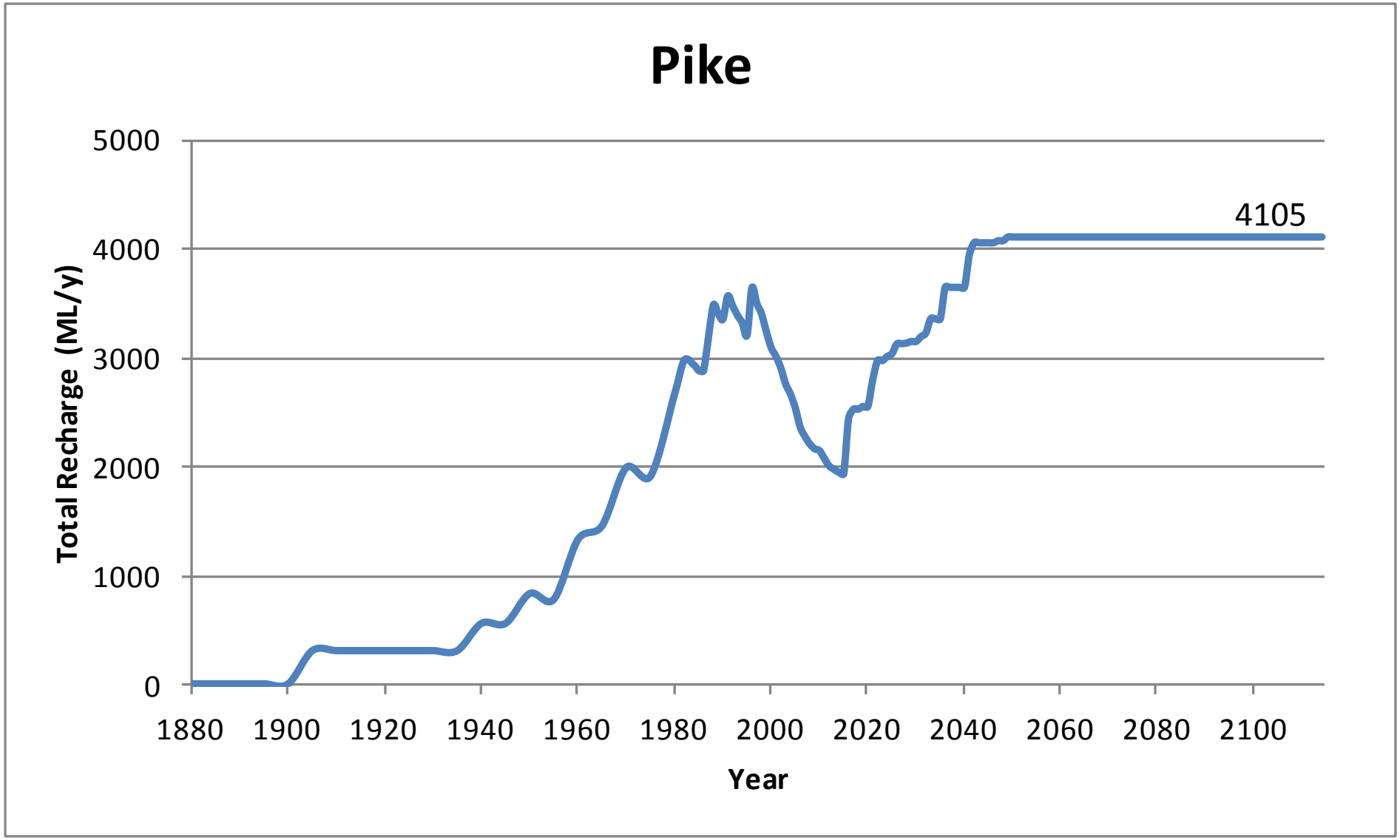
A-2. Model post-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Murtho (S4 and S7A)



A-2. Model irrigation recharge zones in Pike area for scenario 5



A-2. Model irrigation recharge zones in Murtho area for scenario 5



A-2. Total Recharge Volume Applied in Pike (S5)

Pike				Pre-1988 Irrigation																											
Irrigation Start Year				1894	1930	1940	1950	1950	1970	1970	1975	1980	1940	1950	1965	1970	1988	1940	1940	1950	1960	1970	1970	1980	1980	1960	1950	1960	1960	1970	1970
Lag time (Years)				5	5	5	5	10	5	10	10	5	25	10	50	15	0	15	25	25	55	45	5	40	45	15	30	40	35	30	25
MODFLOW zone number				2	3	4	5	6	7	8	9	10	13	14	15	16	17	19	20	21	22	23	24	25	26	30	31	32	33	34	35
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																											
Steady-state		0	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1880	1885	1	1827	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1885	1890	1827	3653	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1890	1895	3653	5479	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1895	1900	5479	7305	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1900	1905	7305	9131	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1905	1910	9131	10957	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1910	1915	10957	12783	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1915	1920	12783	14609	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1920	1925	14609	16436	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1925	1930	16436	18262	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1930	1935	18262	20088	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1935	1940	20088	21914	500	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1940	1945	21914	23741	500	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1945	1950	23741	25567	500	500	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1950	1955	25567	27393	500	450	450	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1955	1960	27393	29219	450	440	400	500	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1960	1965	29219	31046	450	430	350	450	120	0.1	0.1	0.1	0.1	0.1	450	0.1	0.1	0.1	200	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1965	1970	31046	32872	400	420	300	350	120	0.1	0.1	0.1	0.1	400	450	0.1	0.1	0.1	200	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1970	1975	32872	34698	400	410	250	300	120	0.1	0.1	0.1	0.1	400	450	0.1	0.1	0.1	200	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1975	1980	34698	36524	350	400	200	300	120	250	0.1	0.1	0.1	400	450	0.1	0.1	0.1	200	200	200	0.1	0.1	200	0.1	0.1	300	0.1	0.1	0.1	0.1	0.1
1980	1982	36524	37255	330	390	200	300	120	250	250	0.1	0.1	400	390	0.1	0.1	0.1	200	200	200	0.1	0.1	200	0.1	0.1	270	250	0.1	0.1	0.1	0.1
1982	1984	37255	37985	310	380	200	300	120	230	250	0.1	0.1	400	390	0.1	0.1	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1984	1986	37985	38716	290	370	200	300	120	210	250	0.1	0.1	390	390	0.1	0.1	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1986	1988	38716	39446	270	360	200	300	120	200	250	200	250	390	390	0.1	100	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1988	1989	39446	39812	250	350	200	300	120	200	250	200	230	370	390	0.1	100	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1989	1990	39812	40177	230	340	200	300	120	200	230	200	210	370	390	0.1	100	0.1	200	200	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1990	1991	40177	40542	210	330	200	300	110	200	230	200	200	350	350	0.1	100	135	190	190	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1991	1992	40542	40907	200	320	200	250	110	190	230	200	190	350	350	0.1	100	135	180	180	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1992	1993	40907	41273	200	310	200	230	110	180	230	200	180	330	350	0.1	100	135	170	170	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1993	1994	41273	41638	200	300	200	210	110	170	210	200	170	330	330	0.1	100	135	160	160	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1994	1995	41638	42003	200	290	200	200	100	160	200	200	160	300	330	0.1	100	135	150	150	200	0.1	0.1	200	0.1	0.1	250	250	0.1	0.1	0.1	0.1
1995	1996	42003	42368	200	280	200	200	100	150	200	200	150	300	310	0.1	100	135	140	140	200	0.1	0.1	200	0.1	0.1	250	250	0.1	400	0.1	400
1996	1997	42368	42734	200	270	200	190	100	140	200	200	140	250	310	0.1	100	135	130	130	200	0.1	0.1	200	0.1	0.1	250	250	0.1	400	0.1	400

A-2. Model pre-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Pike (S5 and S7C)

Pike				Pre-1988 Irrigation																											
Irrigation Start Year				1894	1930	1940	1950	1950	1970	1970	1975	1980	1940	1950	1965	1970	1988	1940	1940	1950	1960	1970	1970	1980	1980	1960	1950	1960	1960	1970	1970
Lag time (Years)				5	5	5	5	10	5	10	10	5	25	10	50	15	0	15	25	25	55	45	5	40	45	15	30	40	35	30	25
MODFLOW zone number				2	3	4	5	6	7	8	9	10	13	14	15	16	17	19	20	21	22	23	24	25	26	30	31	32	33	34	35
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																											
1997	1998	42734	43099	200	260	200	170	100	130	200	200	130	230	290	0.1	100	135	120	120	200	0.1	0.1	200	0.1	0.1	250	250	0.1	400	0.1	400
1998	1999	43099	43464	200	250	200	150	100	120	200	200	120	200	270	0.1	100	135	110	110	200	0.1	0.1	200	0.1	0.1	250	250	0.1	350	0.1	350
1999	2000	43464	43829	200	240	200	130	100	110	200	200	110	190	250	0.1	100	135	100	100	190	0.1	0.1	190	0.1	0.1	225	225	0.1	350	0.1	350
2000	2001	43829	44195	190	230	190	100	100	100	190	190	100	170	230	0.1	100	115	100	100	180	0.1	0.1	180	0.1	0.1	200	200	250	350	350	350
2001	2002	44195	44560	180	220	170	100	100	100	180	180	100	150	210	0.1	100	115	100	100	170	0.1	0.1	170	0.1	0.1	190	190	230	350	350	350
2002	2003	44560	44925	170	210	150	100	100	100	170	170	100	130	200	0.1	100	115	100	100	160	0.1	0.1	160	0.1	0.1	180	180	210	300	300	300
2003	2004	44925	45290	160	200	140	100	100	100	160	160	100	120	192	0.1	100	115	100	100	150	0.1	0.1	150	0.1	0.1	170	170	200	300	300	300
2004	2005	45290	45656	150	190	130	100	100	100	150	150	100	110	170	0.1	100	100	100	100	140	0.1	0.1	140	0.1	0.1	150	150	190	300	300	300
2005	2006	45656	46021	140	180	120	100	100	100	140	140	100	100	150	0.1	100	100	100	100	130	0.1	0.1	130	0.1	0.1	130	130	170	250	250	250
2006	2007	46021	46386	120	170	110	100	100	100	130	130	100	100	130	0.1	100	100	100	100	120	0.1	0.1	120	0.1	0.1	110	110	150	250	250	250
2007	2008	46386	46751	110	160	100	100	100	100	120	120	100	100	110	0.1	100	100	100	100	110	0.1	0.1	110	0.1	0.1	100	100	130	250	250	250
2008	2009	46751	47117	100	150	100	100	100	100	110	110	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	110	250	250	250
2009	2010	47117	47482	100	140	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	100	250	250	250
2010	2011	47482	47847	100	130	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	100	200	200	200
2011	2012	47847	48212	100	120	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	100	150	150	150
2012	2013	48212	48578	100	110	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	100	130	130	130
2013	2014	48578	48943	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	100	110	110	110
2014	2015	48943	49308	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	0.1	0.1	100	0.1	0.1	100	100	100	100	100	100
2015	2016	49308	49673	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100
2016	2017	49673	50039	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100
2017	2018	50039	50404	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100
2018	2019	50404	50769	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100
2019	2020	50769	51134	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100
2020	2021	51134	51500	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100
2021	2022	51500	51865	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100
2022	2023	51865	52230	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100
2023	2024	52230	52595	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100
2024	2025	52595	52961	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100
2025	2026	52961	53326	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2026	2027	53326	53691	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2027	2028	53691	54056	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2028	2029	54056	54422	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2029	2030	54422	54787	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2030	2114	54787	85467	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

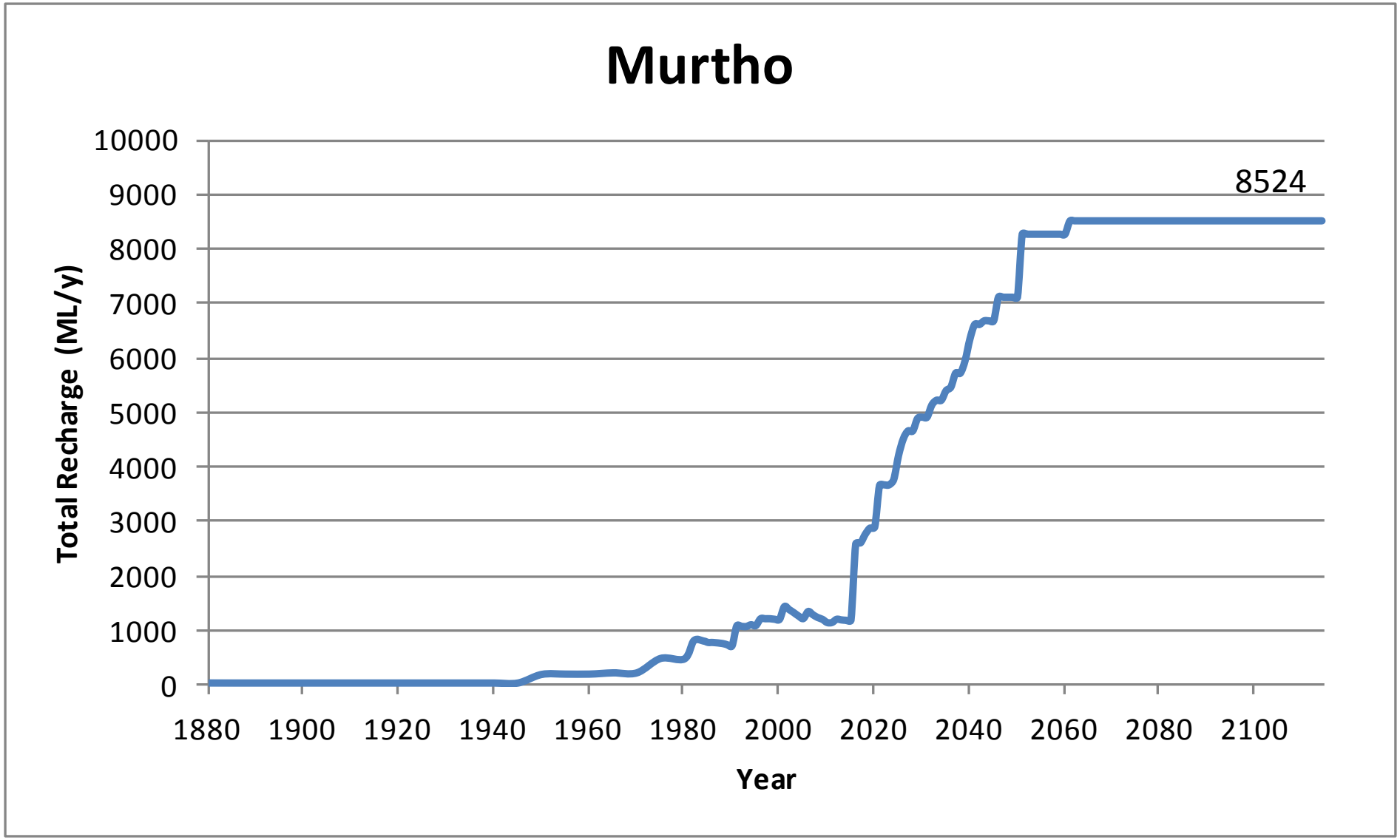
A-2. Model pre-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Pike (S5 and S7C)

Pike				Post-1988 Irrigation																													
Irrigation Start Year				1990	2000	2000	2000	2000	2003	2003	2003	2011	2011	2007	2011	2011	2011	2003	2011	2011	2003	2004	2007	2008	2011	2011	2011	2011	2011	2008	2015	2015	2015
Lag time (Years)				0	20	15	15	30	45	5	10	5	10	25	5	20	30	15	10	20	20	20	20	20	0	15	30	30	35	15	25	20	25
MODFLOW zone number				11	12	27	28	29	36	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	119	139	140	141
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																													
Steady-state		0	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1880	1990	1	40177	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1990	1991	40177	40542	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1991	1992	40542	40907	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1992	1993	40907	41273	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1993	1994	41273	41638	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1994	1995	41638	42003	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1995	1996	42003	42368	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1996	1997	42368	42734	190	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1997	1998	42734	43099	180	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1998	1999	43099	43464	170	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1999	2000	43464	43829	150	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2000	2001	43829	44195	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2001	2002	44195	44560	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2002	2003	44560	44925	130	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2003	2004	44925	45290	120	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2004	2005	45290	45656	110	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2005	2006	45656	46021	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2006	2007	46021	46386	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2007	2008	46386	46751	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2008	2009	46751	47117	100	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2009	2010	47117	47482	100	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2010	2011	47482	47847	100	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2011	2012	47847	48212	100	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2012	2013	48212	48578	100	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2013	2014	48578	48943	100	0.1	0.1	0.1	0.1	0.1	100	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2014	2015	48943	49308	100	0.1	0.1	0.1	0.1	0.1	100	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2015	2016	49308	49673	100	0.1	100	100	0.1	0.1	100	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2016	2017	49673	50039	100	0.1	100	100	0.1	0.1	100	100	100	0.1	0.1	100.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2017	2018	50039	50404	100	0.1	100	100	0.1	0.1	100	100	100	0.1	0.1	100.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2018	2019	50404	50769	100	0.1	100	100	0.1	0.1	100	100	100	0.1	0.1	100.0	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2019	2020	50769	51134	100	0.1	100	100	0.1	0.1	100	100	100	0.1	0.1	100.0	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

A-2. Model post-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Pike (S5 and S7C)

Pike				Post-1988 Irrigation																													
Irrigation Start Year				1990	2000	2000	2000	2000	2003	2003	2003	2011	2011	2007	2011	2011	2011	2003	2011	2011	2003	2004	2007	2008	2011	2011	2011	2011	2011	2008	2015	2015	2015
Lag time (Years)				0	20	15	15	30	45	5	10	5	10	25	5	20	30	15	10	20	20	20	20	20	0	15	30	30	35	15	25	20	25
MODFLOW zone number				11	12	27	28	29	36	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	119	139	140	141
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																													
2020	2021	51134	51500	100	100	100	100	0.1	0.1	100	100	100	0.1	0.1	100.0	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2021	2022	51500	51865	100	100	100	100	0.1	0.1	100	100	100	100	0.1	100.0	0.1	0.1	100	100	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2022	2023	51865	52230	100	100	100	100	0.1	0.1	100	100	100	100	0.1	100.0	0.1	0.1	100	100	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2023	2024	52230	52595	100	100	100	100	0.1	0.1	100	100	100	100	0.1	100.0	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1
2024	2025	52595	52961	100	100	100	100	0.1	0.1	100	100	100	100	0.1	100.0	0.1	0.1	100	100	0.1	100	100	0.1	0.1	100	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1
2025	2026	52961	53326	100	100	100	100	0.1	0.1	100	100	100	100	0.1	100.0	0.1	0.1	100	100	0.1	100	100	0.1	0.1	100	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1
2026	2027	53326	53691	100	100	100	100	0.1	0.1	100	100	100	100	0.1	100.0	0.1	0.1	100	100	0.1	100	100	0.1	0.1	100	100	0.1	0.1	0.1	100	0.1	0.1	0.1
2027	2028	53691	54056	100	100	100	100	0.1	0.1	100	100	100	100	0.1	100.0	0.1	0.1	100	100	0.1	100	100	100	0.1	100	100	0.1	0.1	0.1	100	0.1	0.1	0.1
2028	2029	54056	54422	100	100	100	100	0.1	0.1	100	100	100	100	0.1	100.0	0.1	0.1	100	100	0.1	100	100	100	100	100	100	0.1	0.1	0.1	100	0.1	0.1	0.1
2029	2030	54422	54787	100	100	100	100	0.1	0.1	100	100	100	100	0.1	100.0	0.1	0.1	100	100	0.1	100	100	100	100	100	100	0.1	0.1	0.1	100	0.1	0.1	0.1
2030	2031	54787	55152	100	100	100	100	100	0.1	100	100	100	100	0.1	100.0	0.1	0.1	100	100	0.1	100	100	100	100	100	100	0.1	0.1	0.1	100	0.1	0.1	0.1
2031	2032	55152	55517	100	100	100	100	100	0.1	100	100	100	100	0.1	100.0	100	0.1	100	100	100	100	100	100	100	100	100	0.1	0.1	0.1	100	0.1	0.1	0.1
2032	2033	55517	55883	100	100	100	100	100	0.1	100	100	100	100	100	100.0	100	0.1	100	100	100	100	100	100	100	100	100	0.1	0.1	0.1	100	0.1	0.1	0.1
2033	2034	55883	56248	100	100	100	100	100	0.1	100	100	100	100	100	100.0	100	0.1	100	100	100	100	100	100	100	100	100	0.1	0.1	0.1	100	0.1	0.1	0.1
2034	2035	56248	56613	100	100	100	100	100	0.1	100	100	100	100	100	100.0	100	0.1	100	100	100	100	100	100	100	100	100	0.1	0.1	0.1	100	0.1	0.1	0.1
2035	2036	56613	56978	100	100	100	100	100	0.1	100	100	100	100	100	100.0	100	0.1	100	100	100	100	100	100	100	100	100	0.1	0.1	0.1	100	0.1	100	0.1
2036	2037	56978	57344	100	100	100	100	100	0.1	100	100	100	100	100	100.0	100	0.1	100	100	100	100	100	100	100	100	100	0.1	0.1	0.1	100	0.1	100	0.1
2037	2038	57344	57709	100	100	100	100	100	0.1	100	100	100	100	100	100.0	100	0.1	100	100	100	100	100	100	100	100	100	0.1	0.1	0.1	100	0.1	100	0.1
2038	2039	57709	58074	100	100	100	100	100	0.1	100	100	100	100	100	100.0	100	0.1	100	100	100	100	100	100	100	100	100	0.1	0.1	0.1	100	0.1	100	0.1
2039	2040	58074	58439	100	100	100	100	100	0.1	100	100	100	100	100	100.0	100	0.1	100	100	100	100	100	100	100	100	100	0.1	0.1	0.1	100	0.1	100	0.1
2040	2041	58439	58805	100	100	100	100	100	0.1	100	100	100	100	100	100.0	100	0.1	100	100	100	100	100	100	100	100	100	0.1	0.1	0.1	100	100	100	100
2041	2042	58805	59170	100	100	100	100	100	0.1	100	100	100	100	100	100.0	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2042	2043	59170	59535	100	100	100	100	100	0.1	100	100	100	100	100	100.0	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2043	2044	59535	59900	100	100	100	100	100	0.1	100	100	100	100	100	100.0	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2044	2045	59900	60266	100	100	100	100	100	0.1	100	100	100	100	100	100.0	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2045	2046	60266	60631	100	100	100	100	100	0.1	100	100	100	100	100	100.0	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2046	2047	60631	60996	100	100	100	100	100	0.1	100	100	100	100	100	100.0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2047	2048	60996	61361	100	100	100	100	100	0.1	100	100	100	100	100	100.0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2048	2049	61361	61727	100	100	100	100	100	100	100	100	100	100	100	100.0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2049	2050	61727	62092	100	100	100	100	100	100	100	100	100	100	100	100.0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2050	2114	62092	85467	100	100	100	100	100	100	100	100	100	100	100	100.0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

A-2. Model post-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Pike (S5 and S7C)



A-2. Total recharge volume applied in Murtho (S5 and S7C)

Murtho				Pre-1988 Irrigation																													
Irrigation Start Year				1940	1950	1965	1985	1980	1950	1960	1970	1960	1950	1950	1960	1960	1970	1980	1940	1980	1980	1960	1970	1960	1960	1960	1980	1945	1985	1985	1985	1988	1988
Lag time (Years)				30	30	35	30	40	10	10	10	30	45	50	45	40	50	45	5	10	15	30	45	45	40	30	35	5	30	30	25	5	5
MODFLOW zone number				37	38	39	40	41	43	44	45	46	47	48	49	50	51	52	59	60	61	88	114	115	116	117	118	120	121	122	123	124	125
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																													
Steady-state		0	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1880	1940	1	21914	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1940	1945	21914	23741	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1945	1950	23741	25567	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	455	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1950	1955	25567	27393	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	455	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1955	1960	27393	29219	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	455	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1960	1965	29219	31046	0.1	0.1	0.1	0.1	0.1	520	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	435	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1965	1970	31046	32872	0.1	0.1	0.1	0.1	0.1	520	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	435	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1970	1975	32872	34698	200	0.1	0.1	0.1	0.1	500	475	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	435	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1975	1980	34698	36524	200	0.1	0.1	0.1	0.1	475	475	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	415	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1980	1982	36524	37255	200	200	0.1	0.1	0.1	450	450	475	0.1	0.1	0.1	0.1	0.1	0.1	0.1	415	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1982	1984	37255	37985	200	200	0.1	0.1	0.1	430	430	475	0.1	0.1	0.1	0.1	0.1	0.1	0.1	415	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1984	1986	37985	38716	200	200	0.1	0.1	0.1	400	400	450	0.1	0.1	0.1	0.1	0.1	0.1	0.1	405	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1986	1988	38716	39446	200	200	0.1	0.1	0.1	375	375	430	0.1	0.1	0.1	0.1	0.1	0.1	0.1	405	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1988	1989	39446	39812	200	200	0.1	0.1	0.1	350	350	400	0.1	0.1	0.1	0.1	0.1	0.1	0.1	405	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1989	1990	39812	40177	200	200	0.1	0.1	0.1	330	330	375	0.1	0.1	0.1	0.1	0.1	0.1	0.1	405	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1
1990	1991	40177	40542	200	200	0.1	0.1	0.1	325	325	350	285	0.1	0.1	0.1	0.1	0.1	0.1	405	455	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	0.1	0.1
1991	1992	40542	40907	200	200	0.1	0.1	0.1	325	325	330	285	0.1	0.1	0.1	0.1	0.1	0.1	405	455	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	0.1	0.1
1992	1993	40907	41273	200	200	0.1	0.1	0.1	325	325	325	285	0.1	0.1	0.1	0.1	0.1	0.1	405	455	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	0.1	0.1
1993	1994	41273	41638	200	200	0.1	0.1	0.1	325	325	325	285	0.1	0.1	0.1	0.1	0.1	0.1	405	455	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1994	1995	41638	42003	200	200	0.1	0.1	0.1	325	325	325	285	0.1	0.1	0.1	0.1	0.1	0.1	405	405	0.1	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1995	1996	42003	42368	200	200	0.1	0.1	0.1	325	325	325	285	285	0.1	0.1	0.1	0.1	0.1	405	405	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1996	1997	42368	42734	200	200	0.1	0.1	0.1	325	325	325	285	285	0.1	0.1	0.1	0.1	0.1	405	405	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1997	1998	42734	43099	200	200	0.1	0.1	0.1	325	325	325	285	285	0.1	0.1	0.1	0.1	0.1	405	405	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1998	1999	43099	43464	200	200	0.1	0.1	0.1	300	300	325	285	285	0.1	0.1	0.1	0.1	0.1	405	405	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100
1999	2000	43464	43829	200	200	0.1	0.1	0.1	300	300	325	285	285	0.1	0.1	0.1	0.1	0.1	405	405	405	100	0.1	0.1	0.1	100	0.1	100	0.1	0.1	0.1	100	100

A-2. Model pre-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Murtho (S5 and S7C)

Murtho				Pre-1988 Irrigation																													
Irrigation Start Year				1940	1950	1965	1985	1980	1950	1960	1970	1960	1950	1950	1960	1960	1970	1980	1940	1980	1980	1960	1970	1960	1960	1960	1980	1945	1985	1985	1985	1988	1988
Lag time (Years)				30	30	35	30	40	10	10	10	30	45	50	45	40	50	45	5	10	15	30	45	45	40	30	35	5	30	30	25	5	5
MODFLOW zone number				37	38	39	40	41	43	44	45	46	47	48	49	50	51	52	59	60	61	88	114	115	116	117	118	120	121	122	123	124	125
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																													
2000	2001	43829	44195	120	100	100	0.1	0.1	290	290	300	285	285	100	0.1	100	0.1	0.1	390	350	350	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2001	2002	44195	44560	120	100	100	0.1	0.1	270	270	300	265	265	100	0.1	100	0.1	0.1	370	300	300	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2002	2003	44560	44925	120	100	100	0.1	0.1	250	250	290	245	245	100	0.1	100	0.1	0.1	350	250	250	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2003	2004	44925	45290	120	100	100	0.1	0.1	230	230	270	225	225	100	0.1	100	0.1	0.1	330	200	200	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2004	2005	45290	45656	100	100	100	0.1	0.1	210	210	250	205	205	100	0.1	100	0.1	0.1	300	200	200	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	100	100
2005	2006	45656	46021	100	100	100	0.1	0.1	190	190	230	185	185	100	100	100	0.1	0.1	290	200	200	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2006	2007	46021	46386	100	100	100	0.1	0.1	170	170	210	165	165	100	100	100	0.1	0.1	270	170	170	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2007	2008	46386	46751	100	100	100	0.1	0.1	150	150	190	145	145	100	100	100	0.1	0.1	250	150	150	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2008	2009	46751	47117	100	100	100	0.1	0.1	130	130	170	125	125	100	100	100	0.1	0.1	230	130	130	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2009	2010	47117	47482	100	100	100	0.1	0.1	110	110	150	105	105	100	100	100	0.1	0.1	210	100	100	100	0.1	100	100	100	0.1	100	0.1	0.1	0.1	100	100
2010	2011	47482	47847	100	100	100	0.1	0.1	100	100	130	100	100	100	100	100	0.1	0.1	190	100	100	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100
2011	2012	47847	48212	100	100	100	0.1	0.1	100	100	110	100	100	100	100	100	0.1	0.1	170	100	100	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100
2012	2013	48212	48578	100	100	100	0.1	0.1	100	100	100	100	100	100	100	100	0.1	0.1	150	100	100	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100
2013	2014	48578	48943	100	100	100	0.1	0.1	100	100	100	100	100	100	100	100	0.1	0.1	130	100	100	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100
2014	2015	48943	49308	100	100	100	0.1	0.1	100	100	100	100	100	100	100	100	0.1	0.1	120	100	100	100	0.1	100	100	100	0.1	100	0.1	0.1	100	100	100
2015	2016	49308	49673	100	100	100	100	0.1	100	100	100	100	100	100	100	100	0.1	0.1	110	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2016	2017	49673	50039	100	100	100	100	0.1	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2017	2018	50039	50404	100	100	100	100	0.1	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2018	2019	50404	50769	100	100	100	100	0.1	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2019	2020	50769	51134	100	100	100	100	0.1	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2020	2021	51134	51500	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2021	2022	51500	51865	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2022	2023	51865	52230	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2023	2024	52230	52595	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2024	2025	52595	52961	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2025	2114	52961	85467	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

A-2. Model pre-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Murtho (S5 and S7C)

Murtho				Post-1988 Irrigation																														
Irrigation Start Year				2000	1990	1997	1990	1997	1999	2000	2000	2000	2003	2003	2004	2011	2000	2003	2003	2003	2003	2004	2004	2004	2007	2008	2008	2008	2011	2011	2011	2011	2011
Lag time (Years)				15	25	20	30	35	35	35	5	35	25	15	15	20	20	25	20	25	35	20	20	35	35	20	20	30	50	0	15	20	25
MODFLOW zone number				42	53	54	55	56	57	58	62	63	64	85	86	87	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																													
Steady-state		0	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1880	2000	1	43829	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2000	2001	43829	44195	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2001	2002	44195	44560	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2002	2003	44560	44925	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2003	2004	44925	45290	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2004	2005	45290	45656	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2005	2006	45656	46021	0.1	0.1	0.1	0.1	0.1	0.1	0.1	200	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2006	2007	46021	46386	0.1	0.1	0.1	0.1	0.1	0.1	0.1	170	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2007	2008	46386	46751	0.1	0.1	0.1	0.1	0.1	0.1	0.1	150	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2008	2009	46751	47117	0.1	0.1	0.1	0.1	0.1	0.1	0.1	130	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2009	2010	47117	47482	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2010	2011	47482	47847	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2011	2012	47847	48212	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1
2012	2013	48212	48578	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1
2013	2014	48578	48943	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1
2014	2015	48943	49308	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1
2015	2016	49308	49673	100	100	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1
2016	2017	49673	50039	100	100	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1
2017	2018	50039	50404	100	100	100	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1
2018	2019	50404	50769	100	100	100	0.1	0.1	0.1	0.1	100	0.1	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1
2019	2020	50769	51134	100	100	100	0.1	0.1	0.1	0.1	100	0.1	0.1	100	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1
2020	2021	51134	51500	100	100	100	100	0.1	0.1	0.1	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1
2021	2022	51500	51865	100	100	100	100	0.1	0.1	0.1	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1
2022	2023	51865	52230	100	100	100	100	0.1	0.1	0.1	100	0.1	0.1	100	100	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1
2023	2024	52230	52595	100	100	100	100	0.1	0.1	0.1	100	0.1	0.1	100	100	0.1	100	0.1	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1
2024	2025	52595	52961	100	100	100	100	0.1	0.1	0.1	100	0.1	0.1	100	100	0.1	100	0.1	100	0.1	0.1	100	100	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1
2025	2026	52961	53326	100	100	100	100	0.1	0.1	0.1	100	0.1	0.1	100	100	0.1	100	0.1	100	0.1	0.1	100	100	0.1	0.1	0.1	0.1	0.1	0.1	100	0.1	0.1	0.1
2026	2027	53326	53691	100	100	100	100	0.1	0.1	0.1	100	0.1	0.1	100	100	0.1	100	0.1	100	0.1	0.1	100	100	0.1	0.1	0.1	0.1	0.1	0.1	100	100	0.1	0.1
2027	2028	53691	54056	100	100	100	100	0.1	0.1	0.1	100	0.1	0.1	100	100	0.1	100	0.1	100	0.1	0.1	100	100	0.1	0.1	0.1	0.1	0.1	0.1	100	100	0.1	0.1
2028	2029	54056	54422	100	100	100	100	0.1	0.1	0.1	100	0.1	100	100	100	0.1	100	100	100	100	0.1	100	100	0.1	0.1	100	100	0.1	0.1	100	100	0.1	0.1
2029	2030	54422	54787	100	100	100	100	0.1	0.1	0.1	100	0.1	100	100	100	0.1	100	100	100	100	0.1	100	100	0.1	0.1	100	100	0.1	0.1	100	100	0.1	0.1
2030	2031	54787	55152	100	100	100	100	0.1	0.1	0.1	100	0.1	100	100	100	0.1	100	100	100	100	0.1	100	100	0.1	0.1	100	100	0.1	0.1	100	100	0.1	0.1

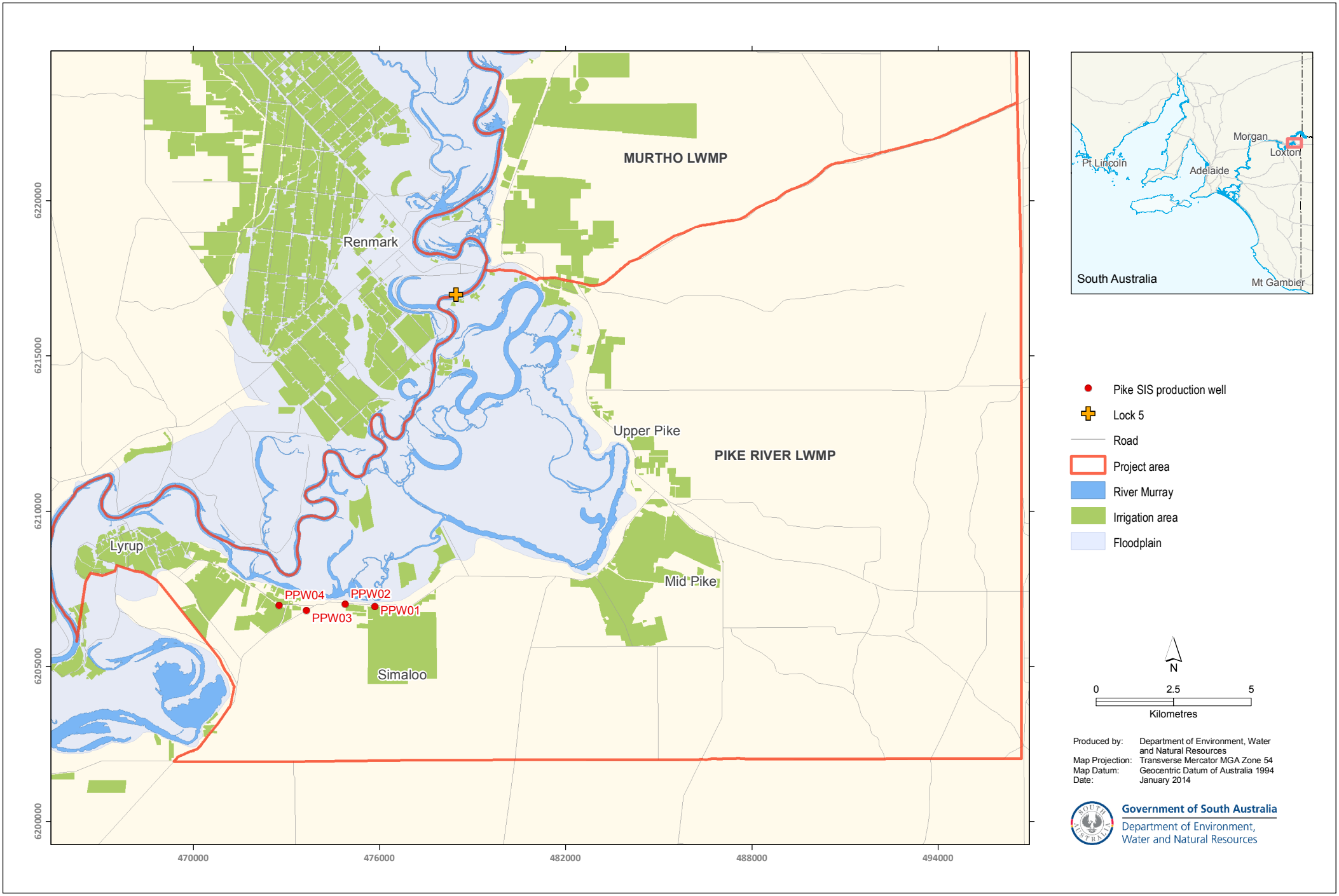
A-2. Model post-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Murtho (S5 and S7C)

Murtho				Post-1988 Irrigation																														
Irrigation Start Year				2000	1990	1997	1990	1997	1999	2000	2000	2000	2003	2003	2004	2011	2000	2003	2003	2003	2003	2004	2004	2004	2007	2008	2008	2008	2011	2011	2011	2011	2011
Lag time (Years)				15	25	20	30	35	35	35	5	35	25	15	15	20	20	25	20	25	35	20	20	35	35	20	20	30	50	0	15	20	25
MODFLOW zone number				42	53	54	55	56	57	58	62	63	64	85	86	87	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
Start (y)	*Stop (y)*	*Start (d)*	*Stop (d)*	Recharge Rate (mm/y)																														
2031	2032	55152	55517	100	100	100	100	0.1	0.1	0.1	100	0.1	100	100	100	100	100	100	100	100	0.1	100	100	0.1	0.1	100	100	0.1	0.1	100	100	100	0.1
2032	2033	55517	55883	100	100	100	100	100	0.1	0.1	100	0.1	100	100	100	100	100	100	100	100	0.1	100	100	0.1	0.1	100	100	0.1	0.1	100	100	100	0.1
2033	2034	55883	56248	100	100	100	100	100	0.1	0.1	100	0.1	100	100	100	100	100	100	100	100	0.1	100	100	0.1	0.1	100	100	0.1	0.1	100	100	100	0.1
2034	2035	56248	56613	100	100	100	100	100	100	0.1	100	0.1	100	100	100	100	100	100	100	100	0.1	100	100	0.1	0.1	100	100	0.1	0.1	100	100	100	0.1
2035	2036	56613	56978	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	0.1	0.1	100	100	0.1	0.1	100	100	100	0.1
2036	2037	56978	57344	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	0.1	0.1	100	100	0.1	0.1	100	100	100	100
2037	2038	57344	57709	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	0.1	0.1	100	100	0.1	0.1	100	100	100	100
2038	2039	57709	58074	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	0.1	100	100	100	0.1	100	100	100	100
2039	2040	58074	58439	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	0.1	100	100	100	100
2040	2041	58439	58805	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	0.1	100	100	100	100
2041	2042	58805	59170	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	0.1	100	100	100	100
2042	2043	59170	59535	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2043	2044	59535	59900	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2044	2045	59900	60266	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2045	2046	60266	60631	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2046	2047	60631	60996	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2047	2048	60996	61361	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2048	2049	61361	61727	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2049	2050	61727	62092	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2050	2051	62092	62457	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2051	2052	62457	62822	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2052	2053	62822	63188	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2053	2054	63188	63553	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2054	2055	63553	63918	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2055	2056	63918	64283	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2056	2057	64283	64649	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2057	2058	64649	65014	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2058	2059	65014	65379	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2059	2060	65379	65744	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2060	2061	65744	66110	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.1	100	100	100	100
2061	2062	66110	66475	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2062	2063	66475	66840	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2063	2064	66840	67205	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2064	2065	67205	67571	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2065	2114	67571	85467	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

A-2. Model post-1988 irrigation recharge zones, irrigation start time, lag time and recharge rates (mm/y) in Murtho (S5 and S7C)

A-3 HISTORICAL MODEL INPUT – PUMPING RATES FOR PIKE-MURTHO SIS

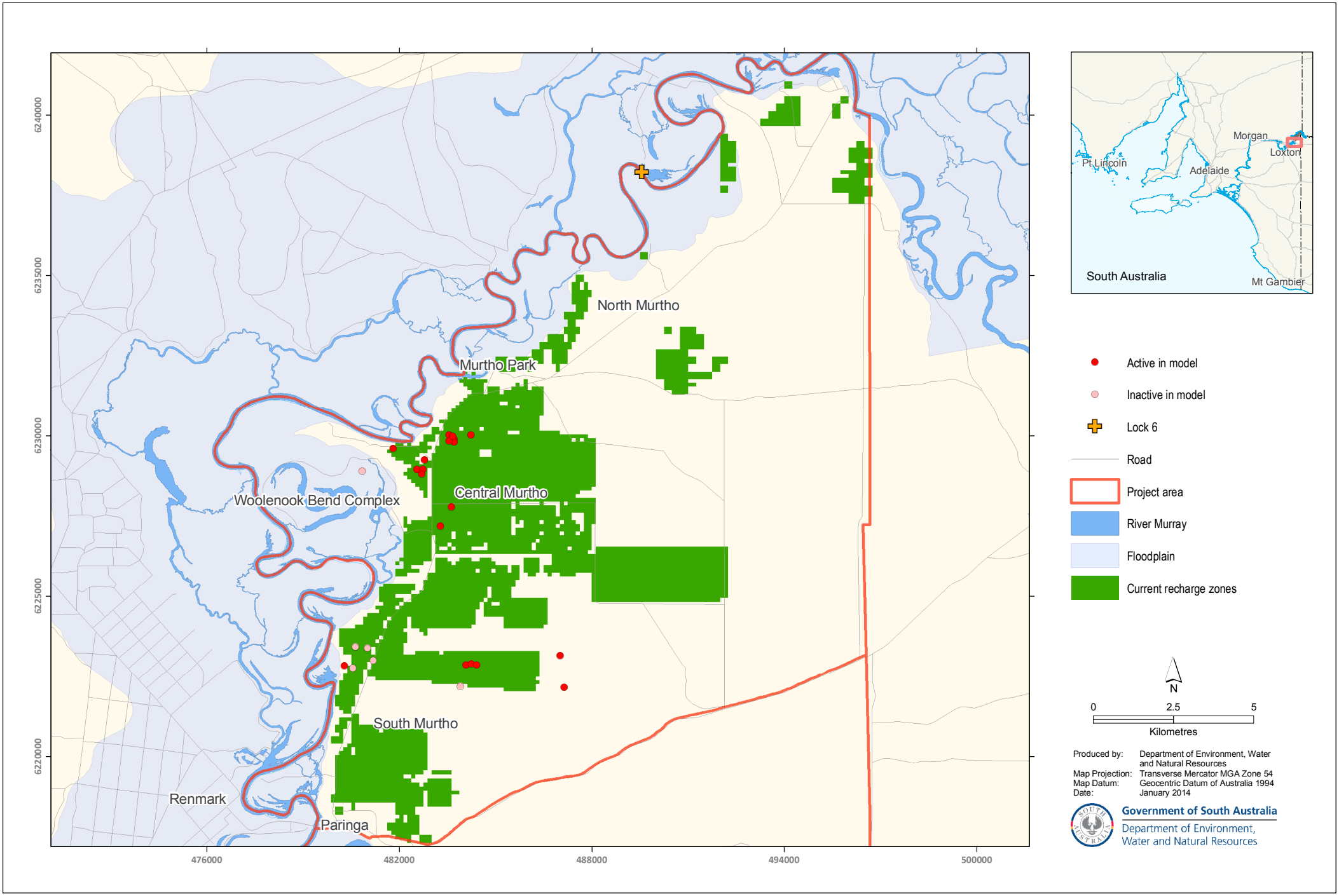
- Location of pumping wells
- Model pumping rates



A-3. SIS pumping well location in Pike

Pike SIS Wells	Easting (m)	Northing (m)	Start (model day)	Stop (model day)	Start (actual date)	Stop (actual date)	Rate (m^3/d)	Rate (L/s)
PPWO1	475863	6206918	0	48025	01/01/1880	28/06/2011	0.0	0.0
PPWO1	475863	6206918	48025	48202	28/06/2011	22/12/2011	300.3	3.5
PPWO1	475863	6206918	48255	48564	13/02/2012	18/12/2012	634.8	7.3
PPWO1	475863	6206918	48585	48783	8/01/2013	25/07/2013	278.3	3.2
PPWO1	475863	6206918	48783	48943	25/07/2013	1/01/2014	278.3	3.2
PPWO2	474898	6206990	0	48028	01/01/1880	1/07/2011	0.0	0.0
PPWO2	474898	6206990	48028	48202	1/07/2011	22/12/2011	159.7	1.8
PPWO2	474898	6206990	48255	48564	13/02/2012	18/12/2012	127.7	1.5
PPWO2	474898	6206990	48585	48783	8/01/2013	25/07/2013	204.0	2.4
PPWO2	474898	6206990	48783	48943	25/07/2013	1/01/2014	204.0	2.4
PPWO3	473657	6206784	0	48090	01/01/1880	1/09/2011	0.0	0.0
PPWO3	473657	6206784	48090	48202	1/09/2011	22/12/2011	4.6	0.1
PPWO3	473657	6206784	48255	48564	13/02/2012	18/12/2012	103.3	1.2
PPWO3	473657	6206784	48585	48783	8/01/2013	25/07/2013	89.9	1.0
PPWO3	473657	6206784	48783	48943	25/07/2013	1/01/2014	89.9	1.0
PPWO4	472781	6206943	0	48028	01/01/1880	1/07/2011	0.0	0.0
PPWO4	472781	6206943	48028	48202	1/07/2011	22/12/2011	43.4	0.5
PPWO4	472781	6206943	48255	48564	13/02/2012	18/12/2012	43.1	0.5
PPWO4	472781	6206943	48585	48783	8/01/2013	25/07/2013	63.7	0.7
PPWO4	472781	6206943	48783	48943	25/07/2013	1/01/2014	63.7	0.7

A-3. Adopted pumping rates in the historical calibrated model for Pike SIS



A-3. Location of drainage wells in Murtho

Injection Wells	Easting (m)	Northing (m)	Start (model	Stop (model	Start (actual date)	Stop (actual date)	Rate (m^3/d)	Rate (L/s)
CM_D1	484238	6230020	0	29219	01/01/1880	1/01/1960	0.0	0.0
CM_D1	484238	6230020	29219	31046	1/01/1960	1/01/1965	0.0	0.0
CM_D1	484238	6230020	31046	32872	1/01/1965	1/01/1970	0.0	0.0
CM_D1	484238	6230020	32872	34698	1/01/1970	1/01/1975	0.0	0.0
CM_D1	484238	6230020	34698	36524	1/01/1975	1/01/1980	0.0	0.0
CM_D1	484238	6230020	36524	38351	1/01/1980	1/01/1985	0.0	0.0
CM_D1	484238	6230020	38351	40177	1/01/1985	1/01/1990	130.0	1.5
CM_D1	484238	6230020	40177	42003	1/01/1990	1/01/1995	130.0	1.5
CM_D1	484238	6230020	42003	43829	1/01/1995	1/01/2000	130.0	1.5
CM_D1	484238	6230020	43829	45656	1/01/2000	1/01/2005	130.0	1.5
CM_D1	484238	6230020	45656	47482	1/01/2005	1/01/2010	0.0	0.0
CM_D1	484238	6230020	47482	85467	1/01/2010	1/01/2114	0.0	0.0
CM_D1(11)	483702	6229884	0	29219	01/01/1880	1/01/1960	0.0	0.0
CM_D1(11)	483702	6229884	29219	31046	1/01/1960	1/01/1965	0.0	0.0
CM_D1(11)	483702	6229884	31046	32872	1/01/1965	1/01/1970	0.0	0.0
CM_D1(11)	483702	6229884	32872	34698	1/01/1970	1/01/1975	0.0	0.0
CM_D1(11)	483702	6229884	34698	36524	1/01/1975	1/01/1980	0.0	0.0
CM_D1(11)	483702	6229884	36524	38351	1/01/1980	1/01/1985	0.0	0.0
CM_D1(11)	483702	6229884	38351	40177	1/01/1985	1/01/1990	130.0	1.5
CM_D1(11)	483702	6229884	40177	42003	1/01/1990	1/01/1995	130.0	1.5
CM_D1(11)	483702	6229884	42003	43829	1/01/1995	1/01/2000	130.0	1.5
CM_D1(11)	483702	6229884	43829	44560	1/01/2000	1/01/2002	130.0	1.5
CM_D1(11)	483702	6229884	44560	45656	1/01/2002	1/01/2005	0.0	0.0
CM_D1(11)	483702	6229884	45656	47482	1/01/2005	1/01/2010	0.0	0.0
CM_D1(11)	483702	6229884	47482	85467	1/01/2010	1/01/2114	0.0	0.0
CM_D1(12)	482785	6229233	0	29219	01/01/1880	1/01/1960	0.0	0.0
CM_D1(12)	482785	6229233	29219	31046	1/01/1960	1/01/1965	0.0	0.0
CM_D1(12)	482785	6229233	31046	32872	1/01/1965	1/01/1970	0.0	0.0
CM_D1(12)	482785	6229233	32872	34698	1/01/1970	1/01/1975	0.0	0.0
CM_D1(12)	482785	6229233	34698	36524	1/01/1975	1/01/1980	0.0	0.0
CM_D1(12)	482785	6229233	36524	38351	1/01/1980	1/01/1985	0.0	0.0
CM_D1(12)	482785	6229233	38351	40177	1/01/1985	1/01/1990	0.0	0.0
CM_D1(12)	482785	6229233	40177	42003	1/01/1990	1/01/1995	130.0	1.5
CM_D1(12)	482785	6229233	42003	43829	1/01/1995	1/01/2000	130.0	1.5
CM_D1(12)	482785	6229233	43829	44560	1/01/2000	1/01/2002	130.0	1.5
CM_D1(12)	482785	6229233	44560	45656	1/01/2002	1/01/2005	0.0	0.0
CM_D1(12)	482785	6229233	45656	47482	1/01/2005	1/01/2010	0.0	0.0
CM_D1(12)	482785	6229233	47482	85467	1/01/2010	1/01/2114	0.0	0.0

A-3. Adopted pumping rates in the historical calibrated model for injection wells in Murtho

Injection Wells	Easting (m)	Northing (m)	Start (model	Stop (model	Start (actual date)	Stop (actual date)	Rate (m^3/d)	Rate (L/s)
CM_D1(13)	482541	6228952	0	29219	01/01/1880	1/01/1960	0.0	0.0
CM_D1(13)	482541	6228952	29219	31046	1/01/1960	1/01/1965	0.0	0.0
CM_D1(13)	482541	6228952	31046	32872	1/01/1965	1/01/1970	0.0	0.0
CM_D1(13)	482541	6228952	32872	34698	1/01/1970	1/01/1975	0.0	0.0
CM_D1(13)	482541	6228952	34698	36524	1/01/1975	1/01/1980	0.0	0.0
CM_D1(13)	482541	6228952	36524	38351	1/01/1980	1/01/1985	0.0	0.0
CM_D1(13)	482541	6228952	38351	40177	1/01/1985	1/01/1990	130.0	1.5
CM_D1(13)	482541	6228952	40177	42003	1/01/1990	1/01/1995	130.0	1.5
CM_D1(13)	482541	6228952	42003	43829	1/01/1995	1/01/2000	130.0	1.5
CM_D1(13)	482541	6228952	43829	44560	1/01/2000	1/01/2002	130.0	1.5
CM_D1(13)	482541	6228952	44560	45656	1/01/2002	1/01/2005	0.0	0.0
CM_D1(13)	482541	6228952	45656	47482	1/01/2005	1/01/2010	0.0	0.0
CM_D1(13)	482541	6228952	47482	85467	1/01/2010	1/01/2114	0.0	0.0
CM_D1(14)	481809	6229599	0	29219	01/01/1880	1/01/1960	0.0	0.0
CM_D1(14)	481809	6229599	29219	31046	1/01/1960	1/01/1965	0.0	0.0
CM_D1(14)	481809	6229599	31046	32872	1/01/1965	1/01/1970	0.0	0.0
CM_D1(14)	481809	6229599	32872	34698	1/01/1970	1/01/1975	0.0	0.0
CM_D1(14)	481809	6229599	34698	36524	1/01/1975	1/01/1980	0.0	0.0
CM_D1(14)	481809	6229599	36524	38351	1/01/1980	1/01/1985	0.0	0.0
CM_D1(14)	481809	6229599	38351	40177	1/01/1985	1/01/1990	0.0	0.0
CM_D1(14)	481809	6229599	40177	42003	1/01/1990	1/01/1995	130.0	1.5
CM_D1(14)	481809	6229599	42003	43829	1/01/1995	1/01/2000	130.0	1.5
CM_D1(14)	481809	6229599	43829	44560	1/01/2000	1/01/2002	130.0	1.5
CM_D1(14)	481809	6229599	44560	45656	1/01/2002	1/01/2005	0.0	0.0
CM_D1(14)	481809	6229599	45656	47482	1/01/2005	1/01/2010	0.0	0.0
CM_D1(14)	481809	6229599	47482	85467	1/01/2010	1/01/2114	0.0	0.0
CM_D1(15)	483713	6229807	0	29219	01/01/1880	1/01/1960	0.0	0.0
CM_D1(15)	483713	6229807	29219	31046	1/01/1960	1/01/1965	0.0	0.0
CM_D1(15)	483713	6229807	31046	32872	1/01/1965	1/01/1970	0.0	0.0
CM_D1(15)	483713	6229807	32872	34698	1/01/1970	1/01/1975	0.0	0.0
CM_D1(15)	483713	6229807	34698	36524	1/01/1975	1/01/1980	0.0	0.0
CM_D1(15)	483713	6229807	36524	38351	1/01/1980	1/01/1985	0.0	0.0
CM_D1(15)	483713	6229807	38351	40177	1/01/1985	1/01/1990	130.0	1.5
CM_D1(15)	483713	6229807	40177	42003	1/01/1990	1/01/1995	130.0	1.5
CM_D1(15)	483713	6229807	42003	43829	1/01/1995	1/01/2000	130.0	1.5
CM_D1(15)	483713	6229807	43829	44560	1/01/2000	1/01/2002	130.0	1.5
CM_D1(15)	483713	6229807	44560	45656	1/01/2002	1/01/2005	0.0	0.0
CM_D1(15)	483713	6229807	45656	47482	1/01/2005	1/01/2010	0.0	0.0
CM_D1(15)	483713	6229807	47482	85467	1/01/2010	1/01/2114	0.0	0.0

A-3. Adopted pumping rates in the historical calibrated model for injection wells in Murtho

Injection Wells	Easting (m)	Northing (m)	Start (model	Stop (model	Start (actual date)	Stop (actual date)	Rate (m^3/d)	Rate (L/s)
CM_D1(17)	483282	6227173	0	29219	01/01/1880	1/01/1960	0.0	0.0
CM_D1(17)	483282	6227173	29219	31046	1/01/1960	1/01/1965	0.0	0.0
CM_D1(17)	483282	6227173	31046	32872	1/01/1965	1/01/1970	0.0	0.0
CM_D1(17)	483282	6227173	32872	34698	1/01/1970	1/01/1975	0.0	0.0
CM_D1(17)	483282	6227173	34698	36524	1/01/1975	1/01/1980	87.0	1.0
CM_D1(17)	483282	6227173	36524	38351	1/01/1980	1/01/1985	87.0	1.0
CM_D1(17)	483282	6227173	38351	40177	1/01/1985	1/01/1990	87.0	1.0
CM_D1(17)	483282	6227173	40177	42003	1/01/1990	1/01/1995	87.0	1.0
CM_D1(17)	483282	6227173	42003	43829	1/01/1995	1/01/2000	87.0	1.0
CM_D1(17)	483282	6227173	43829	44560	1/01/2000	1/01/2002	87.0	1.0
CM_D1(17)	483282	6227173	44560	45656	1/01/2002	1/01/2005	0.0	0.0
CM_D1(17)	483282	6227173	45656	47482	1/01/2005	1/01/2010	0.0	0.0
CM_D1(17)	483282	6227173	47482	85467	1/01/2010	1/01/2114	0.0	0.0
CM_D1(18)	482739	6228953	0	29219	01/01/1880	1/01/1960	0.0	0.0
CM_D1(18)	482739	6228953	29219	31046	1/01/1960	1/01/1965	0.0	0.0
CM_D1(18)	482739	6228953	31046	32872	1/01/1965	1/01/1970	0.0	0.0
CM_D1(18)	482739	6228953	32872	34698	1/01/1970	1/01/1975	0.0	0.0
CM_D1(18)	482739	6228953	34698	36524	1/01/1975	1/01/1980	0.0	0.0
CM_D1(18)	482739	6228953	36524	38351	1/01/1980	1/01/1985	0.0	0.0
CM_D1(18)	482739	6228953	38351	40177	1/01/1985	1/01/1990	130.0	1.5
CM_D1(18)	482739	6228953	40177	42003	1/01/1990	1/01/1995	130.0	1.5
CM_D1(18)	482739	6228953	42003	43829	1/01/1995	1/01/2000	130.0	1.5
CM_D1(18)	482739	6228953	43829	44560	1/01/2000	1/01/2002	130.0	1.5
CM_D1(18)	482739	6228953	44560	45656	1/01/2002	1/01/2005	0.0	0.0
CM_D1(18)	482739	6228953	45656	47482	1/01/2005	1/01/2010	0.0	0.0
CM_D1(18)	482739	6228953	47482	85467	1/01/2010	1/01/2114	0.0	0.0
CM_D1(19)	482694	6228795	0	29219	01/01/1880	1/01/1960	0.0	0.0
CM_D1(19)	482694	6228795	29219	31046	1/01/1960	1/01/1965	0.0	0.0
CM_D1(19)	482694	6228795	31046	32872	1/01/1965	1/01/1970	0.0	0.0
CM_D1(19)	482694	6228795	32872	34698	1/01/1970	1/01/1975	0.0	0.0
CM_D1(19)	482694	6228795	34698	36524	1/01/1975	1/01/1980	0.0	0.0
CM_D1(19)	482694	6228795	36524	38351	1/01/1980	1/01/1985	0.0	0.0
CM_D1(19)	482694	6228795	38351	40177	1/01/1985	1/01/1990	130.0	1.5
CM_D1(19)	482694	6228795	40177	42003	1/01/1990	1/01/1995	130.0	1.5
CM_D1(19)	482694	6228795	42003	43829	1/01/1995	1/01/2000	130.0	1.5
CM_D1(19)	482694	6228795	43829	44560	1/01/2000	1/01/2002	130.0	1.5
CM_D1(19)	482694	6228795	44560	45656	1/01/2002	1/01/2005	0.0	0.0
CM_D1(19)	482694	6228795	45656	47482	1/01/2005	1/01/2010	0.0	0.0
CM_D1(19)	482694	6228795	47482	85467	1/01/2010	1/01/2114	0.0	0.0

A-3. Adopted pumping rates in the historical calibrated model for injection wells in Murtho

Injection Wells	Easting (m)	Northing (m)	Start (model	Stop (model	Start (actual date)	Stop (actual date)	Rate (m^3/d)	Rate (L/s)
CM_D1(20)	483551	6230012	0	29219	01/01/1880	1/01/1960	0.0	0.0
CM_D1(20)	483551	6230012	29219	31046	1/01/1960	1/01/1965	0.0	0.0
CM_D1(20)	483551	6230012	31046	32872	1/01/1965	1/01/1970	0.0	0.0
CM_D1(20)	483551	6230012	32872	34698	1/01/1970	1/01/1975	0.0	0.0
CM_D1(20)	483551	6230012	34698	36524	1/01/1975	1/01/1980	0.0	0.0
CM_D1(20)	483551	6230012	36524	38351	1/01/1980	1/01/1985	0.0	0.0
CM_D1(20)	483551	6230012	38351	40177	1/01/1985	1/01/1990	130.0	1.5
CM_D1(20)	483551	6230012	40177	42003	1/01/1990	1/01/1995	130.0	1.5
CM_D1(20)	483551	6230012	42003	43829	1/01/1995	1/01/2000	130.0	1.5
CM_D1(20)	483551	6230012	43829	44560	1/01/2000	1/01/2002	130.0	1.5
CM_D1(20)	483551	6230012	44560	45656	1/01/2002	1/01/2005	0.0	0.0
CM_D1(20)	483551	6230012	45656	47482	1/01/2005	1/01/2010	0.0	0.0
CM_D1(20)	483551	6230012	47482	85467	1/01/2010	1/01/2114	0.0	0.0
CM_D1(21)	483551	6229832	0	29219	01/01/1880	1/01/1960	0.0	0.0
CM_D1(21)	483551	6229832	29219	31046	1/01/1960	1/01/1965	0.0	0.0
CM_D1(21)	483551	6229832	31046	32872	1/01/1965	1/01/1970	0.0	0.0
CM_D1(21)	483551	6229832	32872	34698	1/01/1970	1/01/1975	0.0	0.0
CM_D1(21)	483551	6229832	34698	36524	1/01/1975	1/01/1980	0.0	0.0
CM_D1(21)	483551	6229832	36524	38351	1/01/1980	1/01/1985	0.0	0.0
CM_D1(21)	483551	6229832	38351	40177	1/01/1985	1/01/1990	130.0	1.5
CM_D1(21)	483551	6229832	40177	42003	1/01/1990	1/01/1995	130.0	1.5
CM_D1(21)	483551	6229832	42003	43829	1/01/1995	1/01/2000	130.0	1.5
CM_D1(21)	483551	6229832	43829	44560	1/01/2000	1/01/2002	130.0	1.5
CM_D1(21)	483551	6229832	44560	45656	1/01/2002	1/01/2005	0.0	0.0
CM_D1(21)	483551	6229832	45656	47482	1/01/2005	1/01/2010	0.0	0.0
CM_D1(21)	483551	6229832	47482	85467	1/01/2010	1/01/2114	0.0	0.0
CM_D1(5)	483630	6227768	0	29219	01/01/1880	1/01/1960	0.0	0.0
CM_D1(5)	483630	6227768	29219	31046	1/01/1960	1/01/1965	0.0	0.0
CM_D1(5)	483630	6227768	31046	32872	1/01/1965	1/01/1970	0.0	0.0
CM_D1(5)	483630	6227768	32872	34698	1/01/1970	1/01/1975	0.0	0.0
CM_D1(5)	483630	6227768	34698	36524	1/01/1975	1/01/1980	87.0	1.0
CM_D1(5)	483630	6227768	36524	38351	1/01/1980	1/01/1985	87.0	1.0
CM_D1(5)	483630	6227768	38351	40177	1/01/1985	1/01/1990	87.0	1.0
CM_D1(5)	483630	6227768	40177	42003	1/01/1990	1/01/1995	87.0	1.0
CM_D1(5)	483630	6227768	42003	43829	1/01/1995	1/01/2000	87.0	1.0
CM_D1(5)	483630	6227768	43829	44560	1/01/2000	1/01/2002	87.0	1.0
CM_D1(5)	483630	6227768	44560	45656	1/01/2002	1/01/2005	0.0	0.0
CM_D1(5)	483630	6227768	45656	47482	1/01/2005	1/01/2010	0.0	0.0
CM_D1(5)	483630	6227768	47482	85467	1/01/2010	1/01/2114	0.0	0.0

A-3. Adopted pumping rates in the historical calibrated model for injection wells in Murtho

Injection Wells	Easting (m)	Northing (m)	Start (model	Stop (model	Start (actual date)	Stop (actual date)	Rate (m^3/d)	Rate (L/s)
CM_D1(9)	483670	6229983	0	29219	01/01/1880	1/01/1960	0.0	0.0
CM_D1(9)	483670	6229983	29219	31046	1/01/1960	1/01/1965	0.0	0.0
CM_D1(9)	483670	6229983	31046	32872	1/01/1965	1/01/1970	0.0	0.0
CM_D1(9)	483670	6229983	32872	34698	1/01/1970	1/01/1975	0.0	0.0
CM_D1(9)	483670	6229983	34698	36524	1/01/1975	1/01/1980	0.0	0.0
CM_D1(9)	483670	6229983	36524	38351	1/01/1980	1/01/1985	130.0	1.5
CM_D1(9)	483670	6229983	38351	40177	1/01/1985	1/01/1990	130.0	1.5
CM_D1(9)	483670	6229983	40177	42003	1/01/1990	1/01/1995	130.0	1.5
CM_D1(9)	483670	6229983	42003	43829	1/01/1995	1/01/2000	130.0	1.5
CM_D1(9)	483670	6229983	43829	44560	1/01/2000	1/01/2002	130.0	1.5
CM_D1(9)	483670	6229983	44560	45656	1/01/2002	1/01/2005	0.0	0.0
CM_D1(9)	483670	6229983	45656	47482	1/01/2005	1/01/2010	0.0	0.0
CM_D1(9)	483670	6229983	47482	85467	1/01/2010	1/01/2114	0.0	0.0
DRAIN1(15)	481189	6222988	0	29219	01/01/1880	1/01/1960	0.1	0.0
DRAIN1(15)	481189	6222988	29219	31046	1/01/1960	1/01/1965	0.1	0.0
DRAIN1(15)	481189	6222988	31046	32872	1/01/1965	1/01/1970	0.1	0.0
DRAIN1(15)	481189	6222988	32872	34698	1/01/1970	1/01/1975	43.2	0.5
DRAIN1(15)	481189	6222988	34698	36524	1/01/1975	1/01/1980	43.2	0.5
DRAIN1(15)	481189	6222988	36524	38351	1/01/1980	1/01/1985	43.2	0.5
DRAIN1(15)	481189	6222988	38351	40177	1/01/1985	1/01/1990	43.2	0.5
DRAIN1(15)	481189	6222988	40177	42003	1/01/1990	1/01/1995	43.2	0.5
DRAIN1(15)	481189	6222988	42003	43829	1/01/1995	1/01/2000	43.2	0.5
DRAIN1(15)	481189	6222988	43829	44560	1/01/2000	1/01/2002	43.2	0.5
DRAIN1(15)	481189	6222988	44560	45656	1/01/2002	1/01/2005	0.0	0.0
DRAIN1(15)	481189	6222988	45656	85467	1/01/2005	1/01/2114	0.0	0.0
DRAIN1(17)	480841	6228906	0	29219	01/01/1880	1/01/1960	0.1	0.0
DRAIN1(17)	480841	6228906	29219	31046	1/01/1960	1/01/1965	0.1	0.0
DRAIN1(17)	480841	6228906	31046	32872	1/01/1965	1/01/1970	0.1	0.0
DRAIN1(17)	480841	6228906	32872	34698	1/01/1970	1/01/1975	43.2	0.5
DRAIN1(17)	480841	6228906	34698	36524	1/01/1975	1/01/1980	43.2	0.5
DRAIN1(17)	480841	6228906	36524	38351	1/01/1980	1/01/1985	43.2	0.5
DRAIN1(17)	480841	6228906	38351	40177	1/01/1985	1/01/1990	43.2	0.5
DRAIN1(17)	480841	6228906	40177	42003	1/01/1990	1/01/1995	43.2	0.5
DRAIN1(17)	480841	6228906	42003	43829	1/01/1995	1/01/2000	43.2	0.5
DRAIN1(17)	480841	6228906	43829	44560	1/01/2000	1/01/2002	43.2	0.5
DRAIN1(17)	480841	6228906	44560	45656	1/01/2002	1/01/2005	0.0	0.0
DRAIN1(17)	480841	6228906	45656	85467	1/01/2005	1/01/2114	0.0	0.0

A-3. Adopted pumping rates in the historical calibrated model for injection wells in Murtho

Injection Wells	Easting (m)	Northing (m)	Start (model	Stop (model	Start (actual date)	Stop (actual date)	Rate (m^3/d)	Rate (L/s)
DRAIN1(18)	480287	6222824	0	29219	01/01/1880	1/01/1960	0.1	0.0
DRAIN1(18)	480287	6222824	29219	31046	1/01/1960	1/01/1965	0.1	0.0
DRAIN1(18)	480287	6222824	31046	32872	1/01/1965	1/01/1970	0.1	0.0
DRAIN1(18)	480287	6222824	32872	34698	1/01/1970	1/01/1975	86.4	1.0
DRAIN1(18)	480287	6222824	34698	36524	1/01/1975	1/01/1980	86.4	1.0
DRAIN1(18)	480287	6222824	36524	38351	1/01/1980	1/01/1985	86.4	1.0
DRAIN1(18)	480287	6222824	38351	40177	1/01/1985	1/01/1990	43.2	0.5
DRAIN1(18)	480287	6222824	40177	42003	1/01/1990	1/01/1995	43.2	0.5
DRAIN1(18)	480287	6222824	42003	43829	1/01/1995	1/01/2000	43.2	0.5
DRAIN1(18)	480287	6222824	43829	44560	1/01/2000	1/01/2002	43.2	0.5
DRAIN1(18)	480287	6222824	44560	45656	1/01/2002	1/01/2005	0.0	0.0
DRAIN1(18)	480287	6222824	45656	85467	1/01/2005	1/01/2114	0.0	0.0
DRAIN1(19)	484082	6222845	0	29219	01/01/1880	1/01/1960	0.1	0.0
DRAIN1(19)	484082	6222845	29219	31046	1/01/1960	1/01/1965	0.1	0.0
DRAIN1(19)	484082	6222845	31046	32872	1/01/1965	1/01/1970	0.1	0.0
DRAIN1(19)	484082	6222845	32872	34698	1/01/1970	1/01/1975	43.2	0.5
DRAIN1(19)	484082	6222845	34698	36524	1/01/1975	1/01/1980	43.2	0.5
DRAIN1(19)	484082	6222845	36524	38351	1/01/1980	1/01/1985	43.2	0.5
DRAIN1(19)	484082	6222845	38351	40177	1/01/1985	1/01/1990	43.2	0.5
DRAIN1(19)	484082	6222845	40177	42003	1/01/1990	1/01/1995	43.2	0.5
DRAIN1(19)	484082	6222845	42003	43829	1/01/1995	1/01/2000	43.2	0.5
DRAIN1(19)	484082	6222845	43829	45656	1/01/2000	1/01/2005	0.0	0.0
DRAIN1(19)	484082	6222845	45656	85467	1/01/2005	1/01/2114	0.0	0.0
DRAIN1(20)	484246	6222865	0	29219	01/01/1880	1/01/1960	0.1	0.0
DRAIN1(20)	484246	6222865	29219	31046	1/01/1960	1/01/1965	0.1	0.0
DRAIN1(20)	484246	6222865	31046	32872	1/01/1965	1/01/1970	0.1	0.0
DRAIN1(20)	484246	6222865	32872	34698	1/01/1970	1/01/1975	43.2	0.5
DRAIN1(20)	484246	6222865	34698	36524	1/01/1975	1/01/1980	43.2	0.5
DRAIN1(20)	484246	6222865	36524	38351	1/01/1980	1/01/1985	43.2	0.5
DRAIN1(20)	484246	6222865	38351	40177	1/01/1985	1/01/1990	43.2	0.5
DRAIN1(20)	484246	6222865	40177	42003	1/01/1990	1/01/1995	43.2	0.5
DRAIN1(20)	484246	6222865	42003	43829	1/01/1995	1/01/2000	43.2	0.5
DRAIN1(20)	484246	6222865	43829	45656	1/01/2000	1/01/2005	0.0	0.0
DRAIN1(20)	484246	6222865	45656	85467	1/01/2005	1/01/2114	0.0	0.0

A-3. Adopted pumping rates in the historical calibrated model for injection wells in Murtho

Injection Wells	Easting (m)	Northing (m)	Start (model	Stop (model	Start (actual date)	Stop (actual date)	Rate (m^3/d)	Rate (L/s)
DRAIN1(21)	484410	6222845	0	29219	01/01/1880	1/01/1960	0.1	0.0
DRAIN1(21)	484410	6222845	29219	31046	1/01/1960	1/01/1965	0.1	0.0
DRAIN1(21)	484410	6222845	31046	32872	1/01/1965	1/01/1970	0.1	0.0
DRAIN1(21)	484410	6222845	32872	34698	1/01/1970	1/01/1975	43.2	0.5
DRAIN1(21)	484410	6222845	34698	36524	1/01/1975	1/01/1980	43.2	0.5
DRAIN1(21)	484410	6222845	36524	38351	1/01/1980	1/01/1985	43.2	0.5
DRAIN1(21)	484410	6222845	38351	40177	1/01/1985	1/01/1990	43.2	0.5
DRAIN1(21)	484410	6222845	40177	42003	1/01/1990	1/01/1995	43.2	0.5
DRAIN1(21)	484410	6222845	42003	43829	1/01/1995	1/01/2000	43.2	0.5
DRAIN1(21)	484410	6222845	43829	45656	1/01/2000	1/01/2005	0.0	0.0
DRAIN1(21)	484410	6222845	45656	85467	1/01/2005	1/01/2114	0.0	0.0
DRAIN1(22)	487015	6223132	0	29219	01/01/1880	1/01/1960	0.1	0.0
DRAIN1(22)	487015	6223132	29219	31046	1/01/1960	1/01/1965	0.1	0.0
DRAIN1(22)	487015	6223132	31046	32872	1/01/1965	1/01/1970	0.1	0.0
DRAIN1(22)	487015	6223132	32872	34698	1/01/1970	1/01/1975	43.2	0.5
DRAIN1(22)	487015	6223132	34698	36524	1/01/1975	1/01/1980	43.2	0.5
DRAIN1(22)	487015	6223132	36524	38351	1/01/1980	1/01/1985	43.2	0.5
DRAIN1(22)	487015	6223132	38351	40177	1/01/1985	1/01/1990	43.2	0.5
DRAIN1(22)	487015	6223132	40177	42003	1/01/1990	1/01/1995	43.2	0.5
DRAIN1(22)	487015	6223132	42003	43829	1/01/1995	1/01/2000	0.0	0.0
DRAIN1(22)	487015	6223132	43829	45656	1/01/2000	1/01/2005	0.0	0.0
DRAIN1(22)	487015	6223132	45656	85467	1/01/2005	1/01/2114	0.0	0.0
DRAIN1(23)	487138	6222147	0	29219	01/01/1880	1/01/1960	0.1	0.0
DRAIN1(23)	487138	6222147	29219	31046	1/01/1960	1/01/1965	0.1	0.0
DRAIN1(23)	487138	6222147	31046	32872	1/01/1965	1/01/1970	0.1	0.0
DRAIN1(23)	487138	6222147	32872	34698	1/01/1970	1/01/1975	43.2	0.5
DRAIN1(23)	487138	6222147	34698	36524	1/01/1975	1/01/1980	43.2	0.5
DRAIN1(23)	487138	6222147	36524	38351	1/01/1980	1/01/1985	43.2	0.5
DRAIN1(23)	487138	6222147	38351	40177	1/01/1985	1/01/1990	43.2	0.5
DRAIN1(23)	487138	6222147	40177	42003	1/01/1990	1/01/1995	43.2	0.5
DRAIN1(23)	487138	6222147	42003	43829	1/01/1995	1/01/2000	43.2	0.5
DRAIN1(23)	487138	6222147	43829	45656	1/01/2000	1/01/2005	0.0	0.0
DRAIN1(23)	487138	6222147	45656	85467	1/01/2005	1/01/2114	0.0	0.0

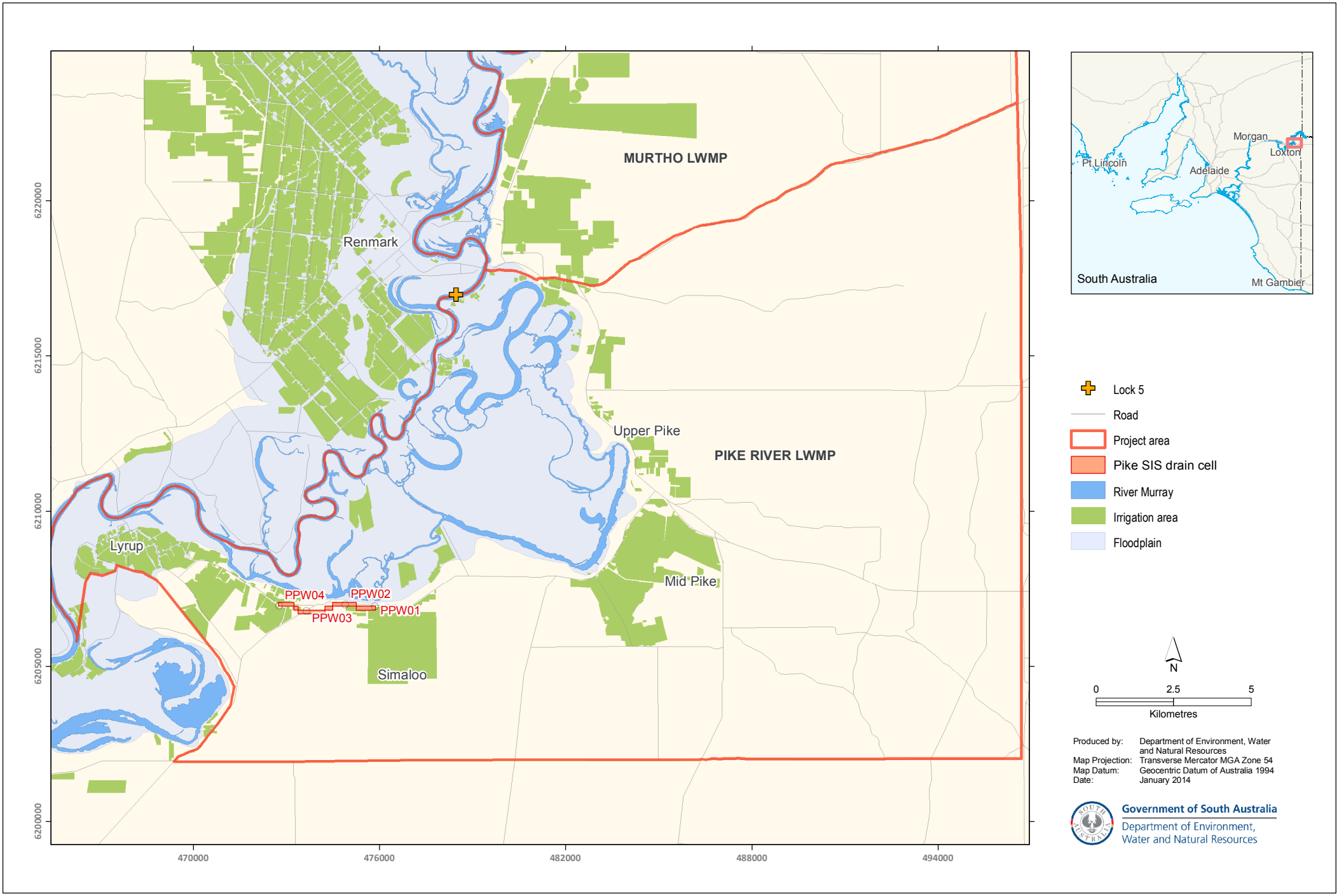
A-3. Adopted pumping rates in the historical calibrated model for injection wells in Murtho

Injection Wells	Easting (m)	Northing (m)	Start (model	Stop (model	Start (actual date)	Stop (actual date)	Rate (m^3/d)	Rate (L/s)
DRAIN1(24)	481009	6223371	0	29219	01/01/1880	1/01/1960	0.1	0.0
DRAIN1(24)	481009	6223371	29219	31046	1/01/1960	1/01/1965	0.1	0.0
DRAIN1(24)	481009	6223371	31046	32872	1/01/1965	1/01/1970	0.1	0.0
DRAIN1(24)	481009	6223371	32872	34698	1/01/1970	1/01/1975	43.2	0.5
DRAIN1(24)	481009	6223371	34698	36524	1/01/1975	1/01/1980	43.2	0.5
DRAIN1(24)	481009	6223371	36524	38351	1/01/1980	1/01/1985	43.2	0.5
DRAIN1(24)	481009	6223371	38351	40177	1/01/1985	1/01/1990	43.2	0.5
DRAIN1(24)	481009	6223371	40177	42003	1/01/1990	1/01/1995	43.2	0.5
DRAIN1(24)	481009	6223371	42003	43829	1/01/1995	1/01/2000	43.2	0.5
DRAIN1(24)	481009	6223371	43829	44560	1/01/2000	1/01/2002	43.2	0.5
DRAIN1(24)	481009	6223371	44560	45656	1/01/2002	1/01/2005	0.0	0.0
DRAIN1(24)	481009	6223371	45656	85467	1/01/2005	1/01/2114	0.0	0.0
DRAIN1(25)	480626	6223404	0	29219	01/01/1880	1/01/1960	0.1	0.0
DRAIN1(25)	480626	6223404	29219	31046	1/01/1960	1/01/1965	0.1	0.0
DRAIN1(25)	480626	6223404	31046	32872	1/01/1965	1/01/1970	0.1	0.0
DRAIN1(25)	480626	6223404	32872	34698	1/01/1970	1/01/1975	43.2	0.5
DRAIN1(25)	480626	6223404	34698	36524	1/01/1975	1/01/1980	43.2	0.5
DRAIN1(25)	480626	6223404	36524	38351	1/01/1980	1/01/1985	43.2	0.5
DRAIN1(25)	480626	6223404	38351	40177	1/01/1985	1/01/1990	43.2	0.5
DRAIN1(25)	480626	6223404	40177	42003	1/01/1990	1/01/1995	43.2	0.5
DRAIN1(25)	480626	6223404	42003	43829	1/01/1995	1/01/2000	43.2	0.5
DRAIN1(25)	480626	6223404	43829	44560	1/01/2000	1/01/2002	43.2	0.5
DRAIN1(25)	480626	6223404	44560	45656	1/01/2002	1/01/2005	0.0	0.0
DRAIN1(25)	480626	6223404	45656	85467	1/01/2005	1/01/2114	0.0	0.0
DRAIN1(26)	480559	6222738	0	29219	01/01/1880	1/01/1960	0.1	0.0
DRAIN1(26)	480559	6222738	29219	31046	1/01/1960	1/01/1965	0.1	0.0
DRAIN1(26)	480559	6222738	31046	32872	1/01/1965	1/01/1970	0.1	0.0
DRAIN1(26)	480559	6222738	32872	34698	1/01/1970	1/01/1975	43.2	0.5
DRAIN1(26)	480559	6222738	34698	36524	1/01/1975	1/01/1980	43.2	0.5
DRAIN1(26)	480559	6222738	36524	38351	1/01/1980	1/01/1985	43.2	0.5
DRAIN1(26)	480559	6222738	38351	40177	1/01/1985	1/01/1990	43.2	0.5
DRAIN1(26)	480559	6222738	40177	42003	1/01/1990	1/01/1995	43.2	0.5
DRAIN1(26)	480559	6222738	42003	43829	1/01/1995	1/01/2000	43.2	0.5
DRAIN1(26)	480559	6222738	43829	44560	1/01/2000	1/01/2002	43.2	0.5
DRAIN1(26)	480559	6222738	44560	45656	1/01/2002	1/01/2005	0.0	0.0
DRAIN1(26)	480559	6222738	45656	85467	1/01/2005	1/01/2114	0.0	0.0
DRAIN1(5)	483909	6222192	0	29219	01/01/1880	1/01/1960	0.1	0.0
DRAIN1(5)	483909	6222192	29219	31046	1/01/1960	1/01/1965	0.1	0.0
DRAIN1(5)	483909	6222192	31046	32872	1/01/1965	1/01/1970	0.1	0.0
DRAIN1(5)	483909	6222192	32872	34698	1/01/1970	1/01/1975	173.0	2.0
DRAIN1(5)	483909	6222192	34698	36524	1/01/1975	1/01/1980	173.0	2.0
DRAIN1(5)	483909	6222192	36524	38351	1/01/1980	1/01/1985	173.0	2.0
DRAIN1(5)	483909	6222192	38351	40177	1/01/1985	1/01/1990	173.0	2.0
DRAIN1(5)	483909	6222192	40177	42003	1/01/1990	1/01/1995	173.0	2.0
DRAIN1(5)	483909	6222192	42003	43829	1/01/1995	1/01/2000	173.0	2.0
DRAIN1(5)	483909	6222192	43829	45656	1/01/2000	1/01/2005	173.0	2.0
DRAIN1(5)	483909	6222192	45656	85467	1/01/2005	1/01/2114	173.0	2.0

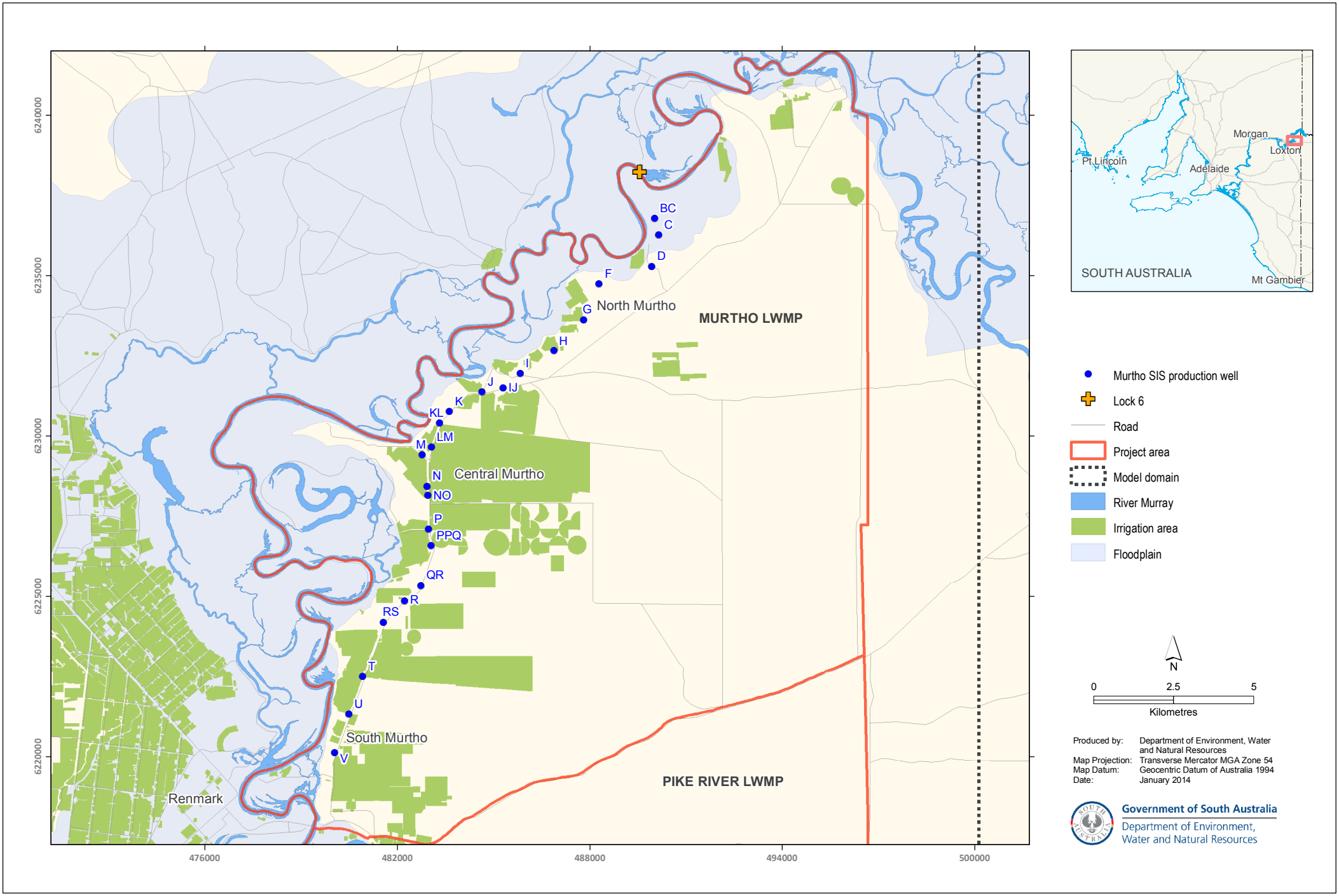
A-3. Adopted pumping rates in the historical calibrated model for injection wells in Murtho

A-4 PREDICTION MODEL INPUT – PUMPING RATES FOR PIKE-MURTHO SIS

- Location of pumping wells
- Model pumping rates



A-4. Modelled SIS drain cells location in Pike



A-4. Modelled SIS pumping well location in Murtho

Pike SIS Wells	Easting *(m)*	Northing *(m)*	Start *(model*	Stop *(model*	Start *(actual*	Stop *(actual*	Elevation *(m AHD)*	Conductance *(m^2/d)*
PPWO1	475863	6206918	0	48212	1/01/1880	1/01/2012	13	1000
PPWO1	475863	6206918	48212	85467	1/01/2012	1/01/2114	13	1000
PPWO2	474898	6206990	0	48212	1/01/1880	1/01/2012	13	1000
PPWO2	474898	6206990	48212	85467	1/01/2012	1/01/2114	13	1000
PPWO3	473657	6206784	0	48212	1/01/1880	1/01/2012	13	1000
PPWO3	473657	6206784	48212	85467	1/01/2012	1/01/2114	13	1000
PPWO4	472781	6206943	0	48212	1/01/1880	1/01/2012	13	1000
PPWO4	472781	6206943	48212	85467	1/01/2012	1/01/2114	13	1000

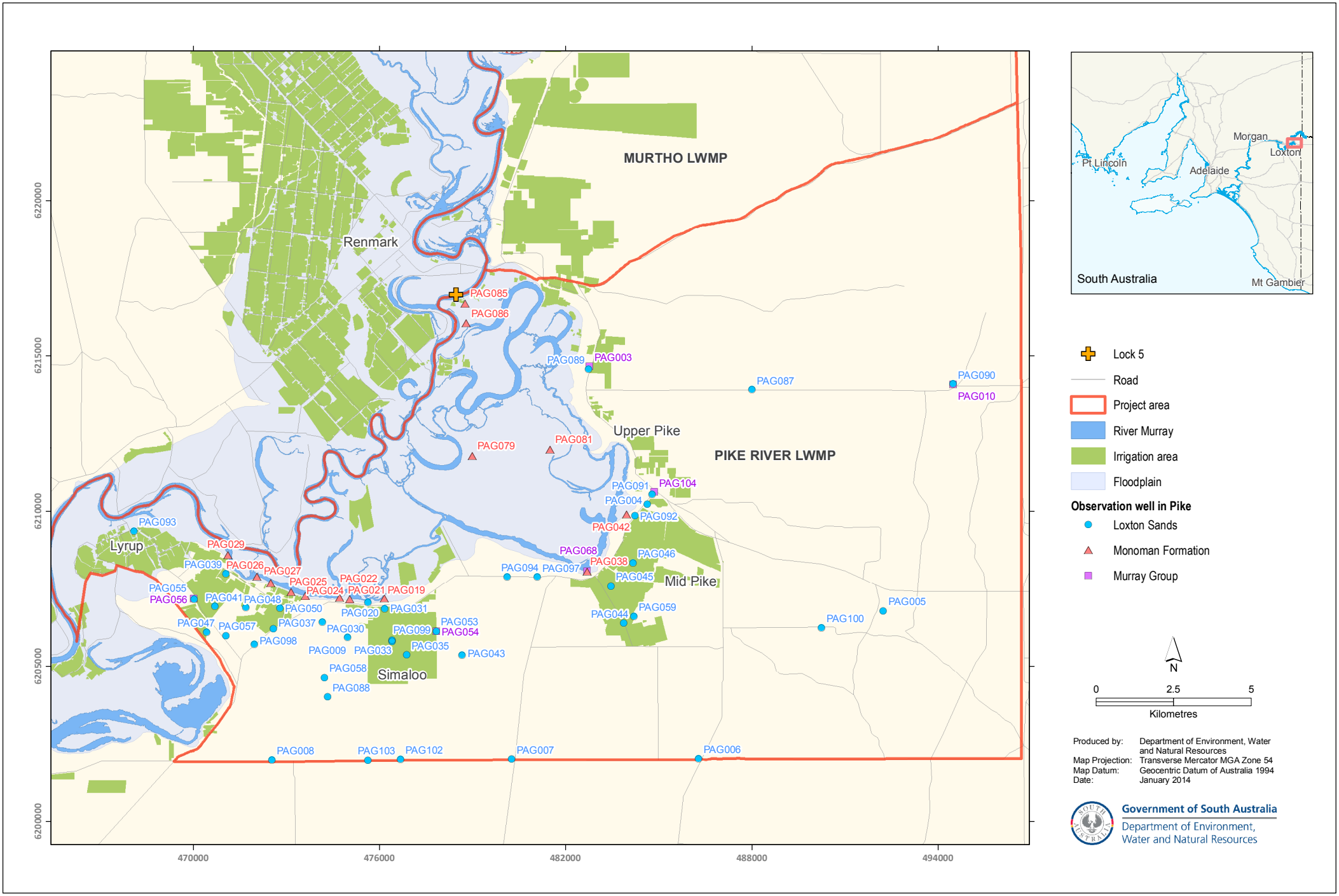
A-4. Model drain settings for Pike SIS (S7A, S7B, S7C)

Well	Easting (m)	Northing (m)	Start (model day)	Stop (model day)	Start (actual date)	Stop (actual date)	Rate (m^3/d)	Rate (L/s)
BC	490019	6236776	0	48943	01/01/1880	01/01/2014	0.0	0.0
BC	490019	6236776	48943	85467	01/01/2014	01/01/2114	-691.2	-8.0
C	490152	6236253	0	48943	01/01/1880	01/01/2014	0.0	0.0
C	490152	6236253	48943	85467	01/01/2014	01/01/2114	-345.6	-4.0
D	489937	6235276	0	48943	01/01/1880	01/01/2014	0.0	0.0
D	489937	6235276	48943	85467	01/01/2014	01/01/2114	-604.8	-7.0
F	488290	6234722	0	48943	01/01/1880	01/01/2014	0.0	0.0
F	488290	6234722	48943	85467	01/01/2014	01/01/2114	-777.6	-9.0
G	487811	6233614	0	48943	01/01/1880	01/01/2014	0.0	0.0
G	487811	6233614	48943	85467	01/01/2014	01/01/2114	-518.4	-6.0
H	486885	6232642	0	48943	01/01/1880	01/01/2014	0.0	0.0
H	486885	6232642	48943	85467	01/01/2014	01/01/2114	-518.4	-6.0
I	485836	6231929	0	48943	01/01/1880	01/01/2014	0.0	0.0
I	485836	6231929	48943	85467	01/01/2014	01/01/2114	-518.4	-6.0
IJ	485298	6231490	0	48943	01/01/1880	01/01/2014	0.0	0.0
IJ	485298	6231490	48943	85467	01/01/2014	01/01/2114	-691.2	-8.0
J	484642	6231367	0	48943	01/01/1880	01/01/2014	0.0	0.0
J	484642	6231367	48943	85467	01/01/2014	01/01/2114	-259.2	-3.0
K	483622	6230752	0	48943	01/01/1880	01/01/2014	0.0	0.0
K	483622	6230752	48943	85467	01/01/2014	01/01/2114	-518.4	-6.0
KL	483322	6230390	0	48943	01/01/1880	01/01/2014	0.0	0.0
KL	483322	6230390	48943	85467	01/01/2014	01/01/2114	-345.6	-4.0
LM	483064	6229649	0	48943	01/01/1880	01/01/2014	0.0	0.0
LM	483064	6229649	48943	85467	01/01/2014	01/01/2114	-432.0	-5.0
M	482770	6229398	0	48943	01/01/1880	01/01/2014	0.0	0.0
M	482770	6229398	48943	85467	01/01/2014	01/01/2114	-432.0	-5.0
N	482934	6228422	0	48943	01/01/1880	01/01/2014	0.0	0.0
N	482934	6228422	48943	85467	01/01/2014	01/01/2114	-172.8	-2.0
NO	482949	6228133	0	48943	01/01/1880	01/01/2014	0.0	0.0
NO	482949	6228133	48943	85467	01/01/2014	01/01/2114	-86.4	-1.0
P	482977	6227083	0	48943	01/01/1880	01/01/2014	0.0	0.0
P	482977	6227083	48943	85467	01/01/2014	01/01/2114	-172.8	-2.0
PPQ	483058	6226570	0	48943	01/01/1880	01/01/2014	0.0	0.0
PPQ	483058	6226570	48943	85467	01/01/2014	01/01/2114	-259.2	-3.0
QR	482733	6225323	0	48943	01/01/1880	01/01/2014	0.0	0.0
QR	482733	6225323	48943	85467	01/01/2014	01/01/2114	-345.6	-4.0
R	482233	6224834	0	48943	01/01/1880	01/01/2014	0.0	0.0
R	482233	6224834	48943	85467	01/01/2014	01/01/2114	-345.6	-4.0
RS	481572	6224185	0	48943	01/01/1880	01/01/2014	0.0	0.0
RS	481572	6224185	48943	85467	01/01/2014	01/01/2114	-345.6	-4.0
T	480926	6222485	0	48943	01/01/1880	01/01/2014	0.0	0.0
T	480926	6222485	48943	85467	01/01/2014	01/01/2114	-302.4	-3.5
U	480493	6221306	0	48943	01/01/1880	01/01/2014	0.0	0.0
U	480493	6221306	48943	85467	01/01/2014	01/01/2114	-86.4	-1.0
V	480048	6220121	0	48943	01/01/1880	01/01/2014	0.0	0.0
V	480048	6220121	48943	85467	01/01/2014	01/01/2114	-129.6	-1.5

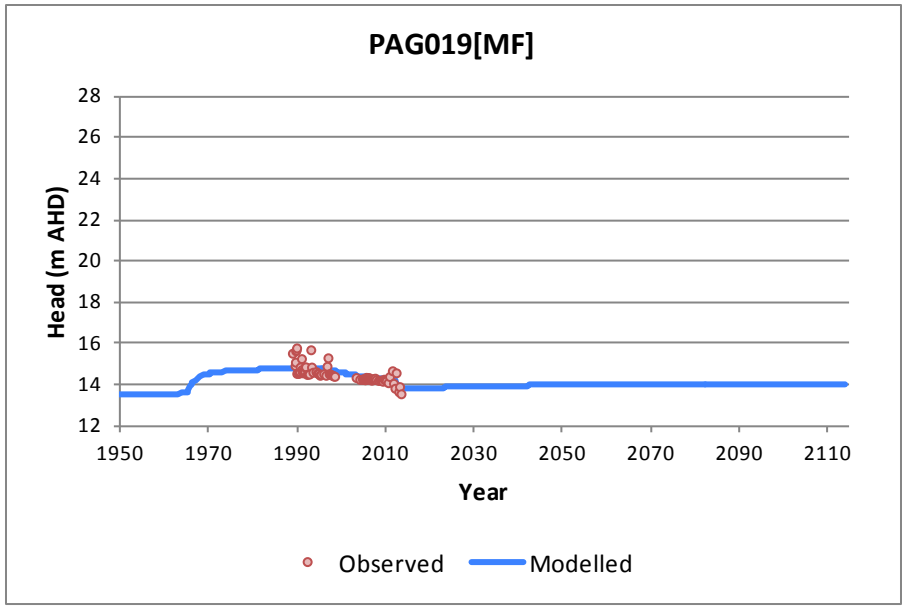
A-4. Model pumping rate for Murtho SIS (S7A, S7B, S7C)

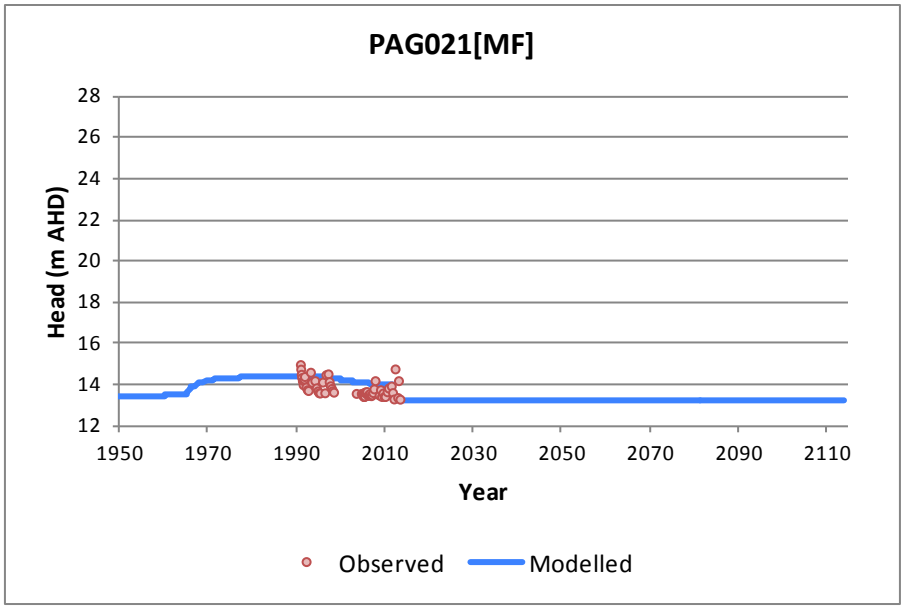
A-5 MID-POINT OBSERVATION BORES

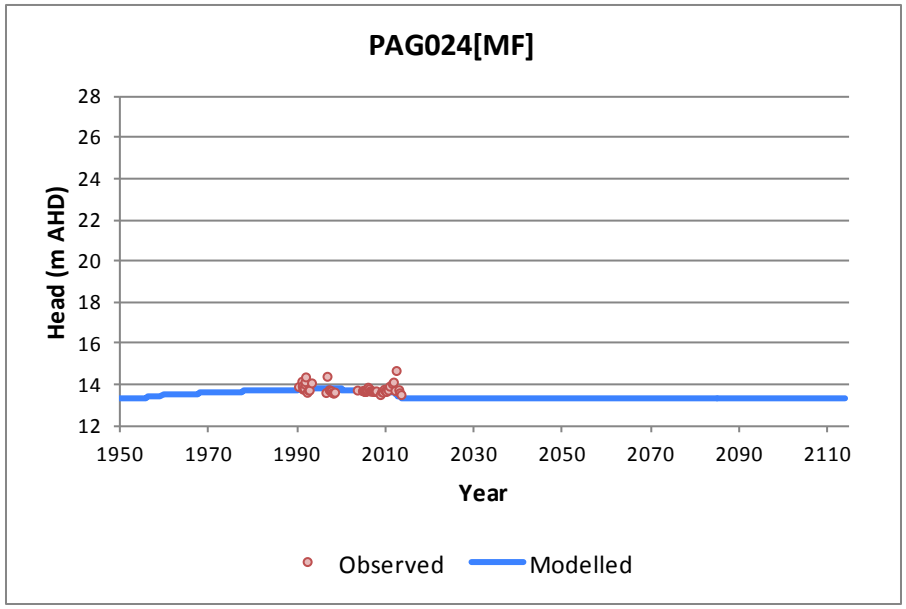
- Location of observation bores
- Hydrographs for mid-point observation bores in S7A

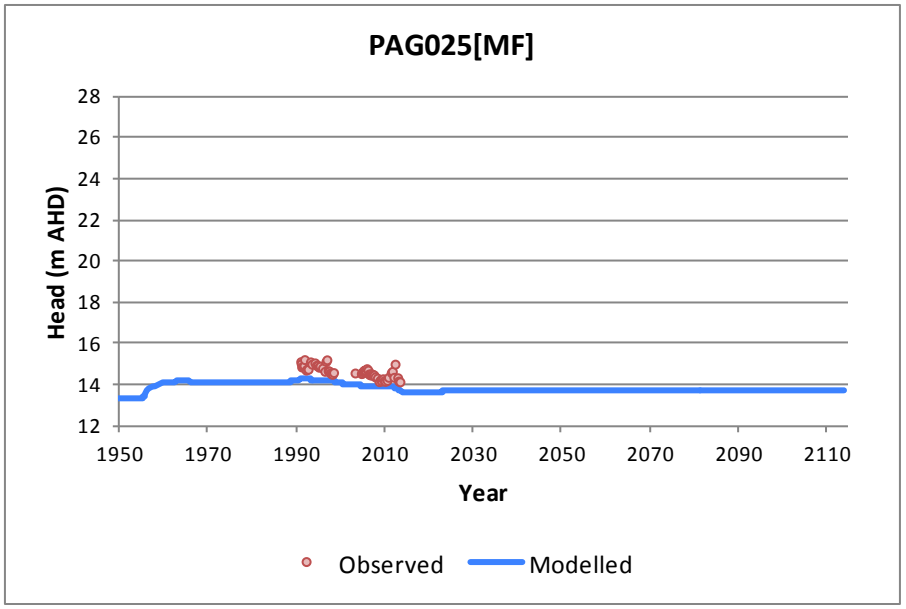


A-5. Observation well locations in the Pike area

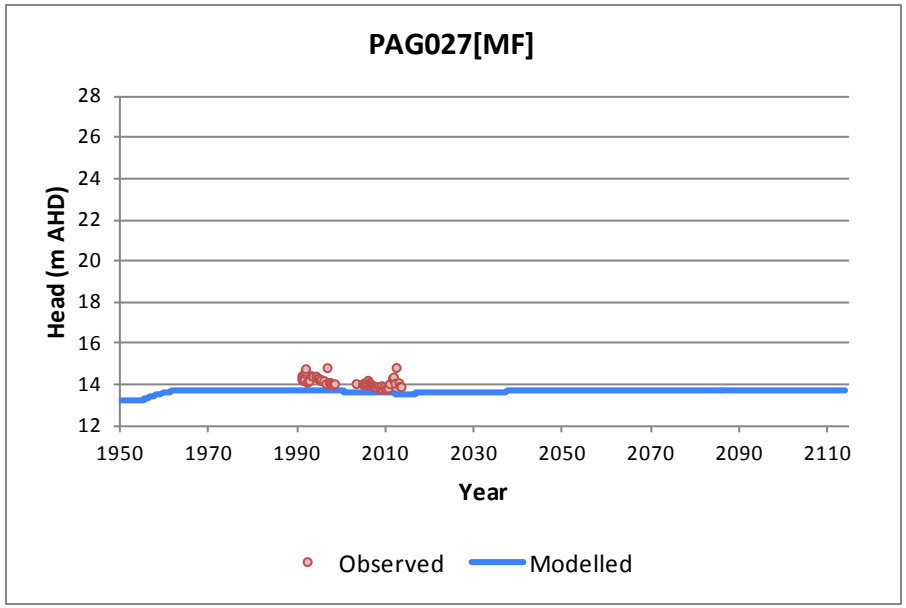


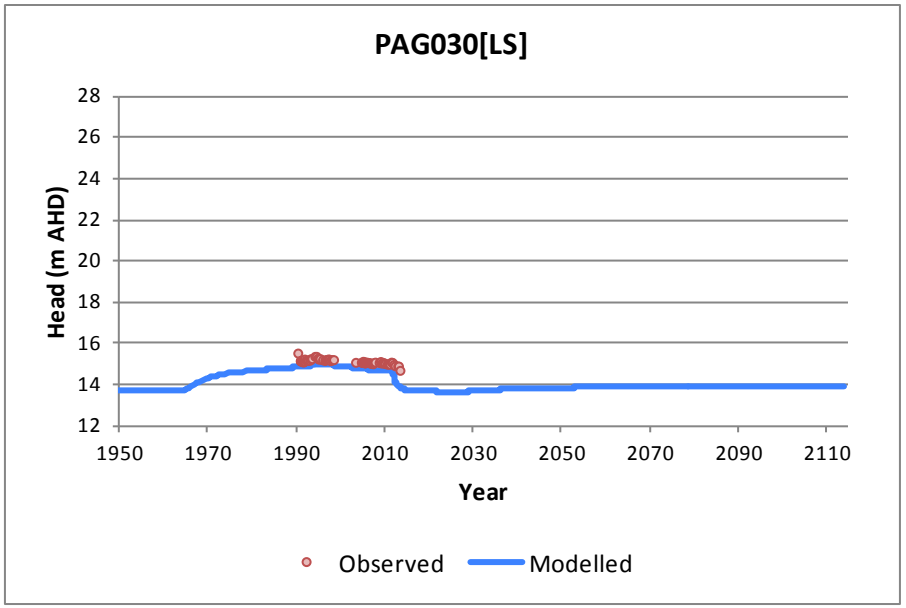


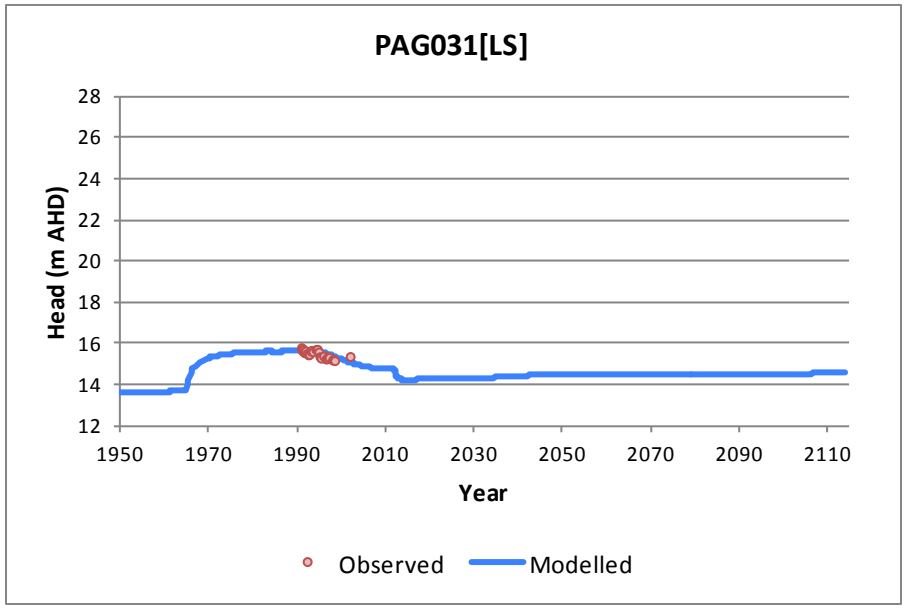


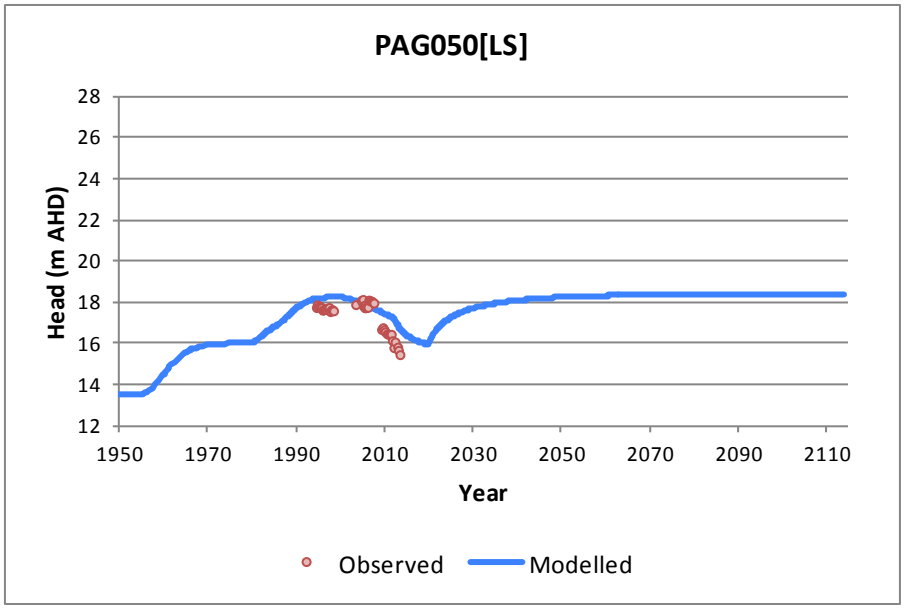


A-5. Hydrographs for mid-point observation bores in Pike (S7A)

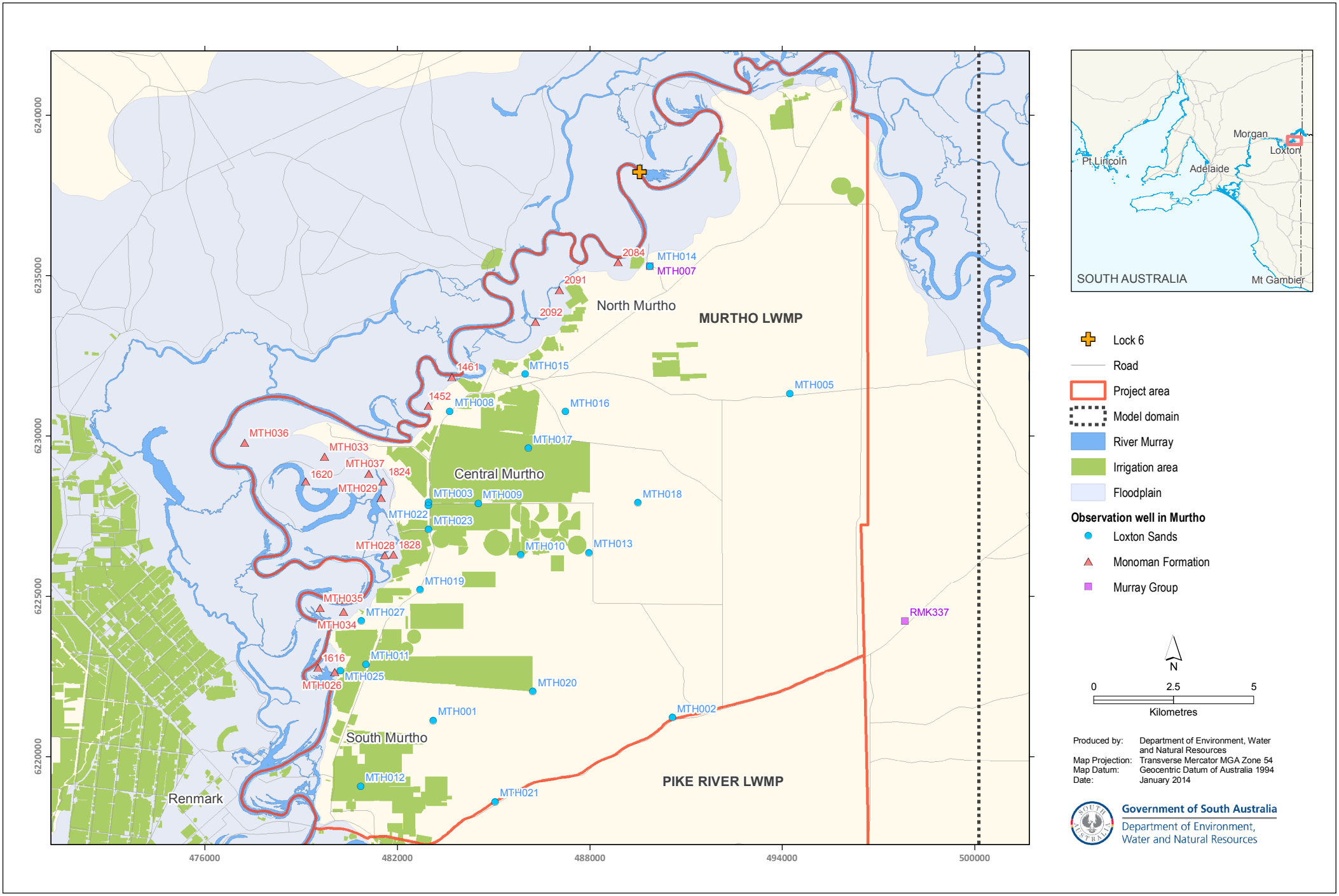




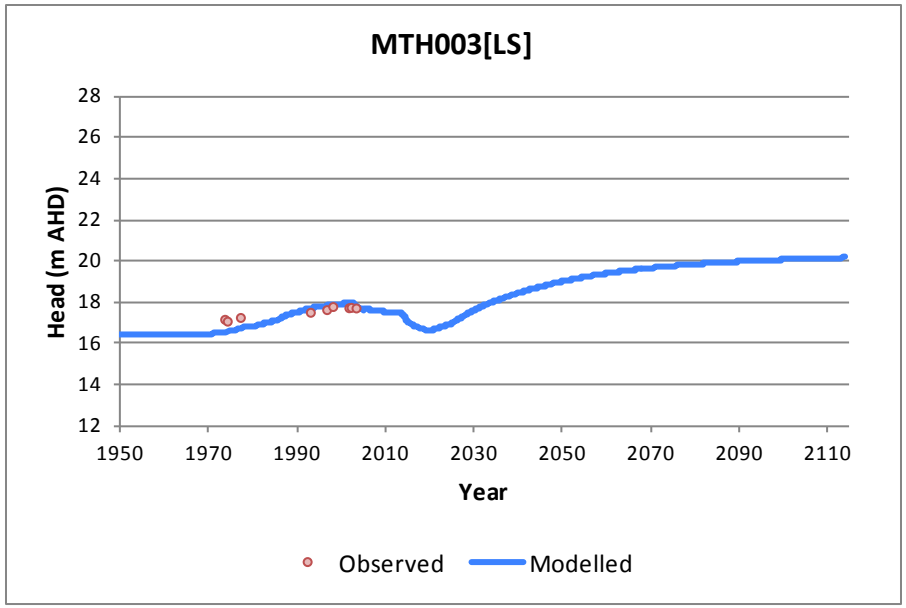


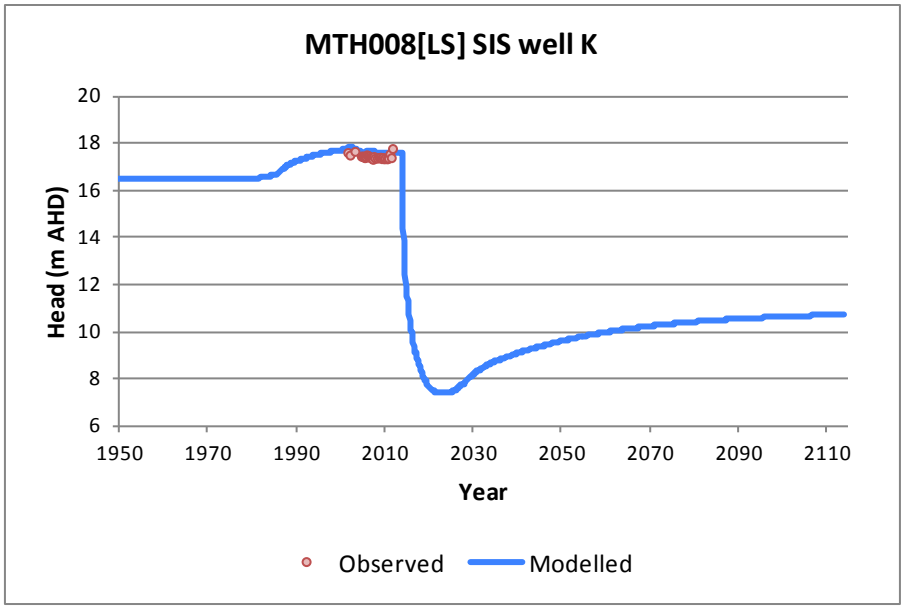


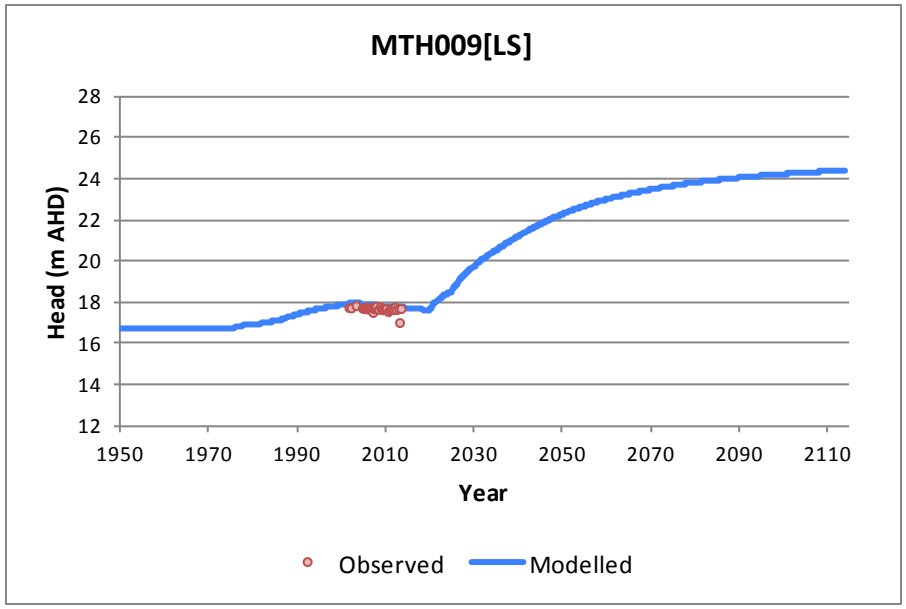
A-5. Hydrographs for mid-point observation bores in Pike (S7A)

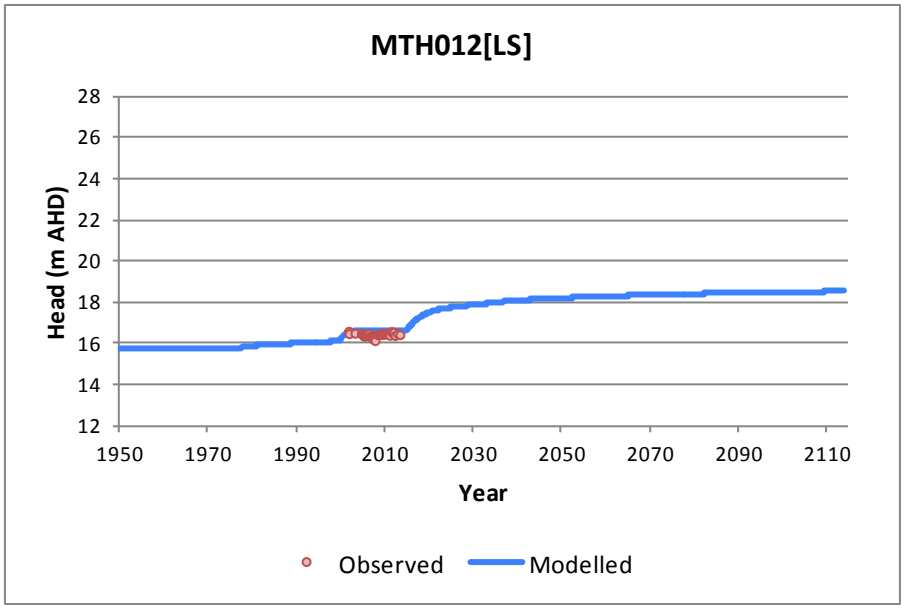


A-5. Observation well locations in Murtho area

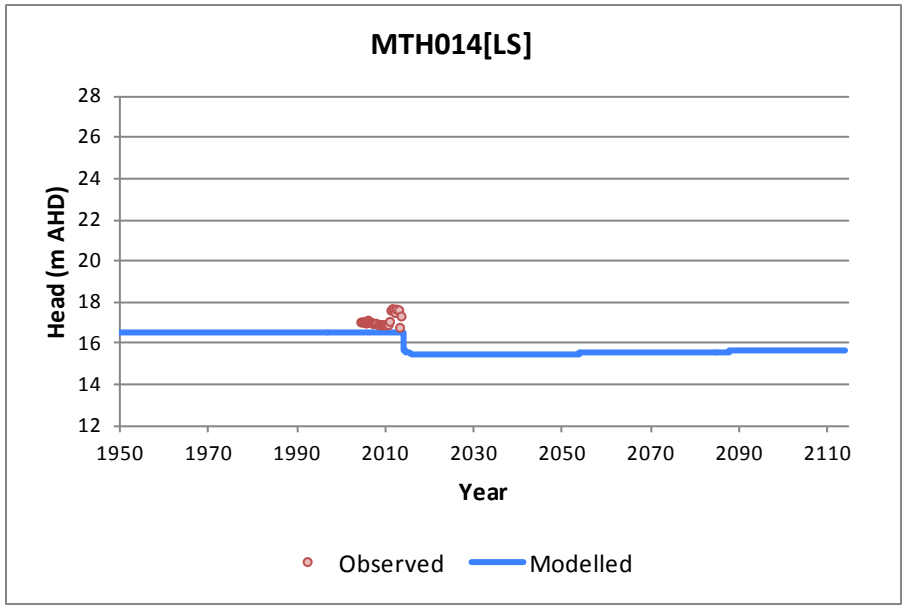


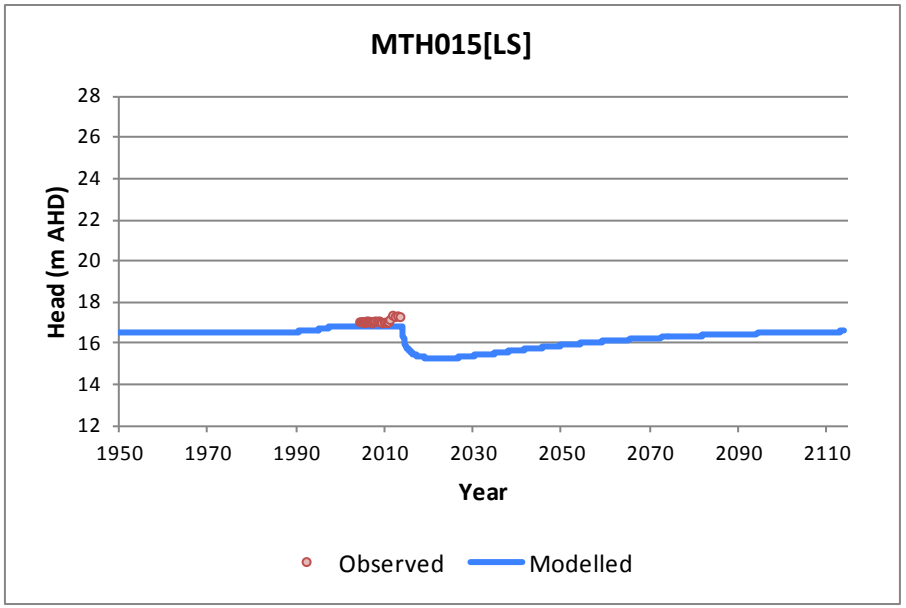


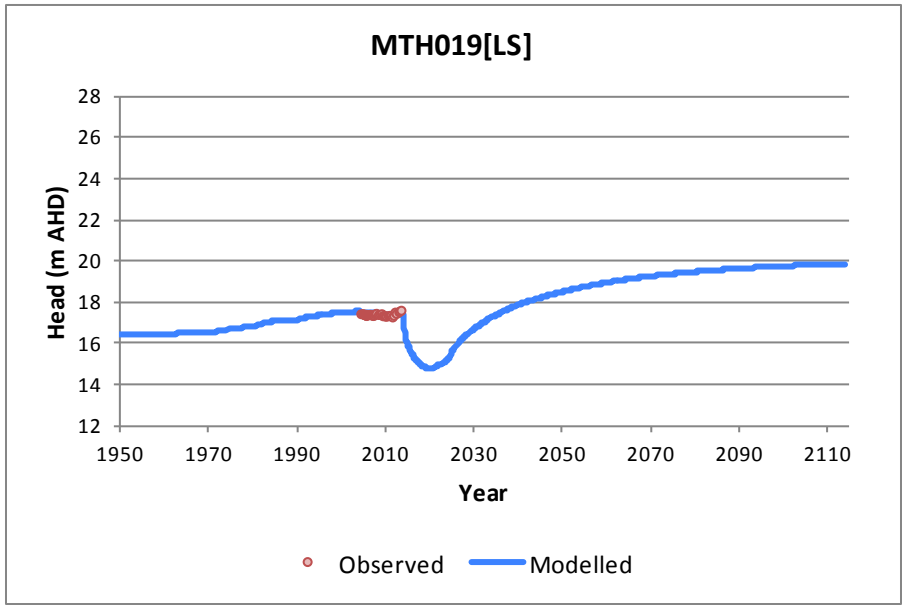


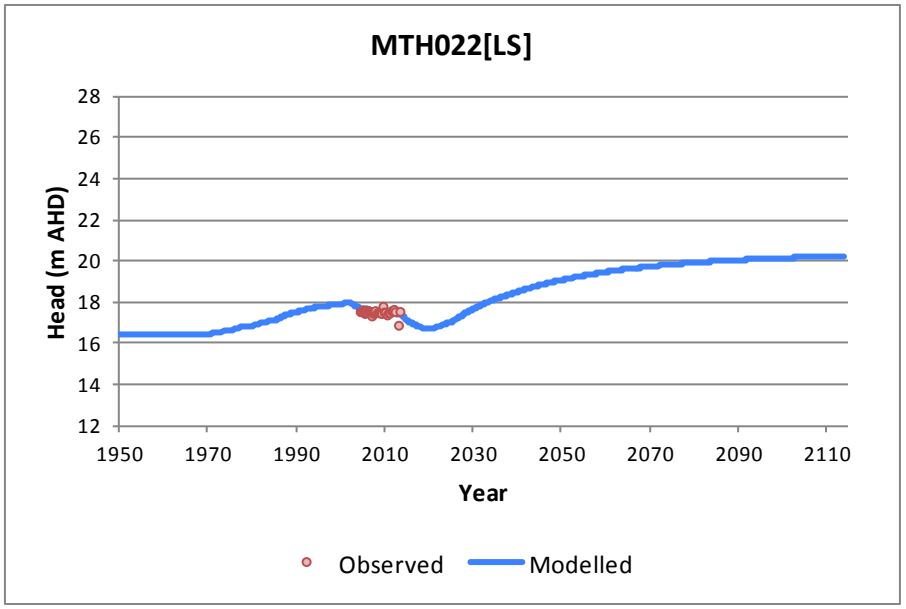


A-5. Hydrographs for mid-point observation bores in Murtho (S7A)

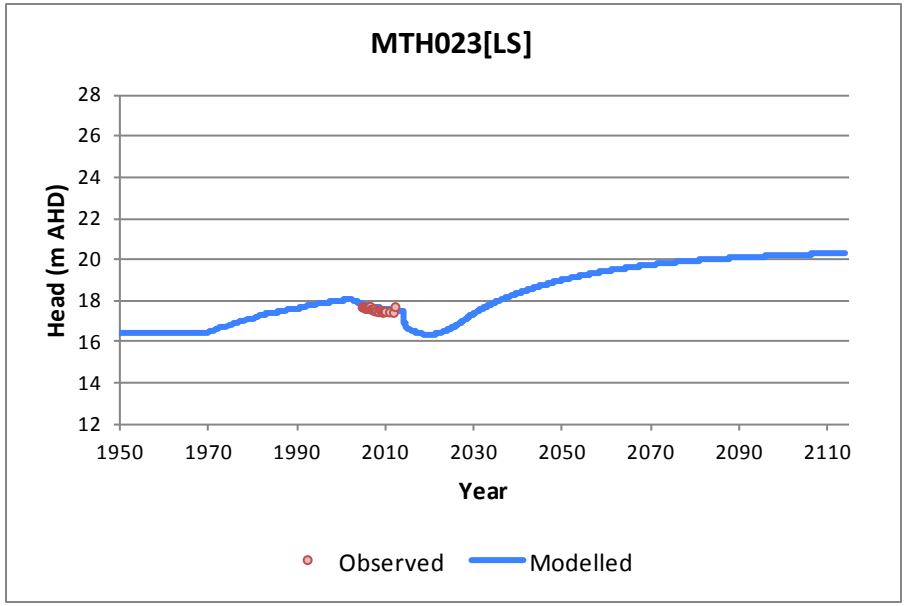


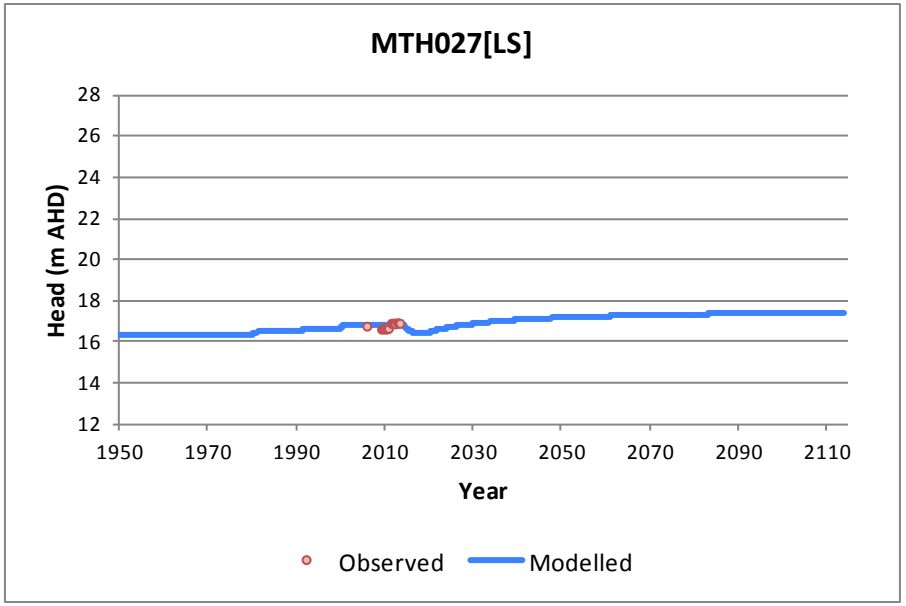






A-5. Hydrographs for mid-point observation bores in Murtho (S7A)





A-5. Hydrographs for mid-point observation bores in Murtho (S7A)

B. MODEL OUTPUTS (FLUX AND SALT LOAD)

B-1 SUMMARY OF SALT LOAD IN PIKE-MURTHO

- Model scenario conditions
- Modelled total salt load (t/d) entering the River Murray for all scenarios

Scenario	Description	Simulated period	Irrigation development area	IIP	SIS
Calibrated model	Historical	1880-CY	Footprint of irrigation history	Yes	Yes
Scenario 1	Natural system	Steady-state	None	-	No
Scenario 2	Mallee clearance	1920-CY100	None (but includes Mallee clearance area)	-	No
Scenario 3A	Pre-1988 irrigation without IIP or RH	1988-CY100	Pre-1988	No	No
Scenario 3C	Pre-1988 irrigation with IIP and RH	1988-CY100	Pre-1988	Yes	No
Scenario 4	Current Irrigation	1988-CY100	Pre-1988 + Post-1988	Yes	No
Scenario 5	Current plus future irrigation	1988-CY100	Pre-1988 + Post-1988 + Future development	Yes	No
Scenario 7A	Current irrigation plus revised and constructed SIS	1988-CY100	Pre-1988 + Post-1988	Yes	Yes
Scenario 7B	Pre-1988 irrigation with IIP and RH plus revised and constructed SIS	1988-CY100	Pre-1988	Yes	Yes
Scenario 7C	Current plus future irrigation plus revised and constructed SIS	1988-CY100	Pre-1988 + Post-1988 + Future development	Yes	Yes

B-1. Model scenario conditions

Pike								
Time	S-1	S-2	S-3A	S3C	S-4	S-5	S-8A	S-8B
(y)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)
1880	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
1885	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
1890	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
1895	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
1900	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
1905	31.6	31.6	32.3	32.3	32.3	32.3	32.3	32.3
1910	31.6	31.6	32.4	32.4	32.4	32.4	32.4	32.4
1915	31.6	31.6	32.5	32.5	32.5	32.5	32.5	32.5
1920	31.6	31.6	32.5	32.5	32.5	32.5	32.5	32.5
1925	31.6	31.7	32.5	32.5	32.5	32.5	32.5	32.5
1930	31.6	31.7	32.5	32.5	32.5	32.5	32.5	32.5
1935	31.6	31.7	32.5	32.5	32.5	32.5	32.5	32.5
1940	31.6	31.8	37.9	37.9	37.9	37.9	37.9	37.9
1945	31.6	31.9	38.5	38.5	38.5	38.5	38.5	38.5
1950	31.6	32.0	40.8	40.8	40.8	40.8	40.8	40.8
1955	31.6	32.2	40.7	40.7	40.7	40.7	40.7	40.7
1960	31.6	32.4	48.0	48.0	48.0	48.0	48.0	48.0
1965	31.6	32.6	53.8	53.8	53.8	53.8	53.8	53.8
1970	31.6	32.7	71.7	71.7	71.7	71.7	71.7	71.7
1975	31.6	33.0	77.0	77.0	77.0	77.0	77.0	77.0
1980	31.6	33.3	91.2	91.2	91.2	91.2	91.2	91.2
1982	31.6	33.4	95.9	95.9	95.9	95.9	95.9	95.9
1984	31.6	33.5	99.2	99.2	99.2	99.2	99.2	99.2
1985	31.6	33.6	100.3	100.3	100.3	100.3	100.3	100.3
1986	31.6	33.7	101.3	101.3	101.3	101.3	101.3	101.3
1988	31.6	33.8	103.4	103.4	103.4	103.4	103.4	103.4
1989	31.6	33.9	104.5	104.5	104.5	104.5	104.5	104.5
1990	31.6	34.0	105.5	105.4	105.4	105.4	105.4	105.4
1991	31.6	34.1	109.9	109.3	109.8	109.8	109.8	109.3
1992	31.6	34.1	112.1	110.7	111.5	111.5	111.5	110.7
1993	31.6	34.2	113.6	111.1	112.1	112.1	112.1	111.1
1994	31.6	34.3	114.7	111.2	112.3	112.3	112.3	111.2
1995	31.6	34.4	115.6	110.8	112.1	112.1	112.1	110.8
1996	31.6	34.5	116.4	110.3	112.6	112.6	112.6	110.3
1997	31.6	34.6	117.2	109.4	112.3	112.3	112.3	109.4
1998	31.6	34.7	117.9	108.4	111.7	111.7	111.7	108.4
1999	31.6	34.8	118.7	107.1	110.7	110.7	110.7	107.1
2000	31.6	34.9	119.4	105.6	109.3	109.3	109.3	105.6
2001	31.6	35.0	120.3	103.5	107.1	107.1	107.1	103.5
2002	31.6	35.1	121.2	101.7	105.3	105.3	105.3	101.7
2003	31.6	35.2	122.0	100.0	103.6	103.6	103.6	100.0
2004	31.6	35.3	122.8	98.3	102.0	102.0	102.0	98.3
2005	31.6	35.4	123.5	96.1	99.8	99.8	99.8	96.1
2006	31.6	35.6	124.1	94.2	97.8	97.8	97.8	94.2
2007	31.6	35.7	124.6	92.4	95.9	95.9	95.9	92.4
2008	31.6	35.8	125.1	90.7	94.2	94.2	94.2	90.7
2009	31.6	35.9	125.6	89.1	92.7	92.7	92.7	89.1
2010	31.6	36.0	126.0	87.9	91.5	91.5	91.5	87.9
2011	31.6	36.1	126.4	86.9	90.5	90.5	90.5	86.9
2012	31.6	36.3	126.7	86.0	89.6	89.6	89.6	86.0
2013	31.6	36.4	127.0	85.2	88.9	88.9	78.4	75.1
2014	31.6	36.5	127.3	84.5	88.2	88.2	75.0	71.9

Pike								
Time	S-1	S-2	S-3A	S3C	S-4	S-5	S-8A	S-8B
(y)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)
2015	31.6	36.7	127.6	84.0	87.6	87.6	73.3	70.2
2016	31.6	36.8	128.5	84.1	88.0	88.0	72.9	69.6
2017	31.6	36.9	129.8	84.7	90.2	90.2	74.5	69.6
2018	31.6	37.0	130.9	85.3	91.6	91.6	75.3	69.7
2019	31.6	37.2	131.8	85.8	92.7	92.7	76.0	69.7
2020	31.6	37.3	132.7	86.2	93.6	93.6	76.5	69.8
2021	31.6	37.4	133.4	86.6	94.4	94.4	77.1	69.9
2022	31.6	37.6	134.1	87.0	95.4	95.4	77.8	70.1
2023	31.6	37.7	134.8	87.4	96.6	96.6	78.7	70.3
2024	31.6	37.9	135.4	87.8	97.7	97.7	79.7	70.5
2025	31.6	38.0	135.9	88.1	98.9	98.9	80.6	70.7
2026	31.6	38.2	136.5	88.4	100.0	100.0	81.5	70.9
2027	31.6	38.3	137.1	88.8	101.1	101.1	82.5	71.2
2028	31.6	38.4	137.6	89.2	102.1	102.1	83.4	71.5
2029	31.6	38.6	138.1	89.6	103.1	103.1	84.2	71.7
2030	31.6	38.7	138.6	90.0	104.0	104.0	85.0	72.0
2031	31.6	38.9	139.0	90.3	105.0	105.0	85.8	72.2
2032	31.6	39.1	139.4	90.5	106.0	106.0	86.7	72.4
2033	31.6	39.2	139.8	90.8	107.0	107.0	87.5	72.6
2034	31.6	39.4	140.1	91.0	108.0	108.0	88.1	72.8
2035	31.6	39.5	140.4	91.2	109.0	109.0	88.7	72.9
2036	31.6	39.7	140.7	91.4	110.0	110.0	89.3	73.1
2037	31.6	39.8	141.0	91.6	110.8	110.9	89.8	73.2
2038	31.6	40.0	141.2	91.8	111.5	111.8	90.3	73.3
2039	31.6	40.1	141.4	91.9	112.2	112.8	90.7	73.4
2040	31.6	40.3	141.6	92.0	112.8	113.7	91.0	73.5
2041	31.6	40.4	141.8	92.2	113.3	114.8	91.4	73.6
2042	31.6	40.6	142.0	92.3	114.4	116.9	92.0	73.6
2043	31.6	40.8	142.2	92.4	115.3	118.9	92.6	73.7
2044	31.6	41.0	142.4	92.5	116.0	120.7	93.1	73.8
2045	31.6	41.1	142.6	92.6	116.7	122.3	93.6	73.8
2046	31.6	41.3	142.7	92.7	117.3	123.7	94.0	73.9
2047	31.6	41.5	142.9	92.8	117.8	124.9	94.4	74.0
2048	31.6	41.6	143.0	92.9	118.4	126.1	94.8	74.0
2049	31.6	41.8	143.1	93.0	118.9	127.2	95.2	74.1
2050	31.6	41.9	143.3	93.1	119.5	128.2	95.6	74.1
2051	31.6	42.1	143.4	93.1	120.0	129.1	96.0	74.2
2052	31.6	42.3	143.5	93.2	120.4	129.9	96.4	74.2
2053	31.6	42.5	143.6	93.3	120.8	130.6	96.6	74.2
2054	31.6	42.7	143.7	93.4	121.1	131.3	96.9	74.3
2055	31.6	42.8	143.9	93.4	121.5	131.9	97.1	74.3
2056	31.6	43.0	144.0	93.5	121.8	132.4	97.4	74.4
2057	31.6	43.2	144.1	93.5	122.0	132.9	97.6	74.4
2058	31.6	43.3	144.2	93.6	122.3	133.4	97.8	74.4
2059	31.6	43.5	144.2	93.7	122.5	133.8	97.9	74.5
2060	31.6	43.7	144.3	93.7	122.8	134.2	98.1	74.5
2061	31.6	43.9	144.4	93.8	123.0	134.6	98.2	74.5
2062	31.6	44.1	144.5	93.8	123.2	135.0	98.4	74.6
2063	31.6	44.3	144.6	93.9	123.4	135.3	98.5	74.6
2064	31.6	44.4	144.7	93.9	123.6	135.6	98.7	74.6
2065	31.6	44.6	144.8	94.0	123.8	135.9	98.8	74.6

Pike								
Time	S-1	S-2	S-3A	S3C	S-4	S-5	S-8A	S-8B
(y)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)
2066	31.6	44.8	144.8	94.0	123.9	136.2	98.9	74.7
2067	31.6	45.0	144.9	94.1	124.1	136.5	99.0	74.7
2068	31.6	45.1	145.0	94.1	124.3	136.8	99.1	74.7
2069	31.6	45.3	145.0	94.1	124.4	137.1	99.3	74.7
2070	31.6	45.5	145.1	94.2	124.5	137.3	99.4	74.8
2071	31.6	45.7	145.2	94.2	124.7	137.5	99.5	74.8
2072	31.6	45.9	145.2	94.3	124.8	137.8	99.6	74.8
2073	31.6	46.1	145.3	94.3	125.0	138.0	99.7	74.8
2074	31.6	46.3	145.4	94.4	125.1	138.2	99.8	74.8
2075	31.6	46.4	145.4	94.4	125.2	138.4	99.8	74.9
2076	31.6	46.6	145.5	94.4	125.3	138.6	99.9	74.9
2077	31.6	46.8	145.5	94.5	125.5	138.8	100.0	74.9
2078	31.6	47.0	145.6	94.5	125.6	139.0	100.1	74.9
2079	31.6	47.1	145.6	94.5	125.7	139.2	100.2	74.9
2080	31.6	47.3	145.7	94.6	125.8	139.3	100.3	75.0
2081	31.6	47.5	145.7	94.6	125.9	139.5	100.3	75.0
2082	31.6	47.7	145.8	94.6	126.0	139.7	100.4	75.0
2083	31.6	47.9	145.8	94.7	126.1	139.8	100.5	75.0
2084	31.6	48.1	145.9	94.7	126.2	140.0	100.6	75.0
2085	31.6	48.3	145.9	94.7	126.3	140.2	100.6	75.1
2086	31.6	48.4	146.0	94.7	126.4	140.3	100.7	75.1
2087	31.6	48.6	146.0	94.8	126.5	140.5	100.8	75.1
2088	31.6	48.8	146.0	94.8	126.6	140.6	100.8	75.1
2089	31.6	49.0	146.1	94.8	126.7	140.7	100.9	75.1
2090	31.6	49.1	146.1	94.9	126.8	140.9	101.0	75.1
2091	31.6	49.3	146.2	94.9	126.8	141.0	101.0	75.1
2092	31.6	49.5	146.2	94.9	126.9	141.1	101.1	75.2
2093	31.6	49.7	146.2	94.9	127.0	141.3	101.2	75.2
2094	31.6	49.9	146.3	95.0	127.1	141.4	101.2	75.2
2095	31.6	50.0	146.3	95.0	127.2	141.5	101.3	75.2
2096	31.6	50.2	146.4	95.0	127.2	141.6	101.3	75.2
2097	31.6	50.4	146.4	95.0	127.3	141.7	101.4	75.2
2098	31.6	50.5	146.4	95.0	127.4	141.8	101.5	75.2
2099	31.6	50.7	146.5	95.1	127.5	142.0	101.5	75.3
2100	31.6	50.9	146.5	95.1	127.5	142.1	101.6	75.3
2101	31.6	51.0	146.5	95.1	127.6	142.2	101.6	75.3
2102	31.6	51.2	146.5	95.1	127.7	142.3	101.7	75.3
2103	31.6	51.4	146.6	95.2	127.7	142.4	101.7	75.3
2104	31.6	51.6	146.6	95.2	127.8	142.5	101.8	75.3
2105	31.6	51.7	146.6	95.2	127.9	142.6	101.8	75.3
2106	31.6	51.9	146.7	95.2	127.9	142.7	101.9	75.3
2107	31.6	52.0	146.7	95.2	128.0	142.8	101.9	75.3
2108	31.6	52.2	146.7	95.2	128.1	142.9	102.0	75.4
2109	31.6	52.4	146.8	95.3	128.1	143.0	102.0	75.4
2110	31.6	52.5	146.8	95.3	128.2	143.1	102.1	75.4
2111	31.6	52.7	146.8	95.3	128.3	143.1	102.1	75.4
2112	31.6	52.8	146.8	95.3	128.3	143.2	102.2	75.4
2113	31.6	53.0	146.9	95.3	128.4	143.3	102.2	75.4
2114	31.6	53.1	146.9	95.4	128.4	143.4	102.3	75.4

B-1. Modelled total salt load (t/d) entering the River Murray in Pike for all scenarios

B-1. Graphs of modelled total salt load (t/d) entering the River Murray in Pike for all scenarios

Murtho								
Time	S-1	S-2	S-3A	S3C	S-4	S-5	S-8A	S-8B
(y)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)
1880	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
1885	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
1890	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
1895	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
1900	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
1905	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
1910	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
1915	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
1920	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
1925	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
1930	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
1935	20.5	20.6	20.5	20.5	20.5	20.5	20.5	20.5
1940	20.5	20.6	20.5	20.5	20.5	20.5	20.5	20.5
1945	20.5	20.6	20.5	20.5	20.5	20.5	20.5	20.5
1950	20.5	20.6	26.3	26.3	26.3	26.3	26.3	26.3
1955	20.5	20.7	26.6	26.6	26.6	26.6	26.6	26.6
1960	20.5	20.7	26.6	26.6	26.6	26.6	26.6	26.6
1965	20.5	20.7	27.2	27.2	27.2	27.2	27.2	27.2
1970	20.5	20.7	27.3	27.3	27.3	27.3	27.3	27.3
1975	20.5	20.7	33.6	33.6	33.6	33.6	33.6	33.6
1980	20.5	20.7	35.4	35.4	35.4	35.4	35.4	35.4
1982	20.5	20.8	44.3	44.3	44.3	44.3	44.3	44.3
1984	20.5	20.8	47.0	47.0	47.0	47.0	47.0	47.0
1985	20.5	20.8	47.2	47.2	47.2	47.2	47.2	47.2
1986	20.5	20.8	51.3	51.3	51.3	51.3	51.3	51.3
1988	20.5	20.8	56.1	56.1	56.1	56.1	56.1	56.1
1989	20.5	20.8	57.2	57.2	57.2	57.2	57.2	57.2
1990	20.5	20.8	58.1	57.7	57.7	57.7	57.7	57.7
1991	20.5	20.8	67.6	66.8	66.8	66.8	66.8	66.8
1992	20.5	20.8	72.2	70.9	70.9	70.9	70.9	70.9
1993	20.5	20.8	74.8	73.3	73.3	73.3	73.3	73.3
1994	20.5	20.8	76.7	75.0	75.0	75.0	75.0	75.0
1995	20.5	20.8	78.0	75.9	75.9	75.9	75.9	75.9
1996	20.5	20.8	81.3	79.0	79.0	79.0	79.0	79.0
1997	20.5	20.8	83.2	80.7	80.7	80.7	80.7	80.7
1998	20.5	20.8	84.5	81.9	81.9	81.9	81.9	81.9
1999	20.5	20.8	85.5	82.6	82.6	82.6	82.6	82.6
2000	20.5	20.8	86.2	83.2	83.2	83.2	83.2	83.2
2001	20.5	20.8	89.6	83.4	83.4	83.4	83.4	83.4
2002	20.5	20.8	92.0	83.8	83.8	83.8	83.8	83.8
2003	20.5	20.8	93.9	75.3	75.3	75.3	75.3	75.3
2004	20.5	20.8	95.3	70.4	70.4	70.4	70.4	70.4
2005	20.5	20.9	96.4	66.8	66.8	66.8	66.8	66.8
2006	20.5	20.9	97.7	64.4	65.3	65.3	65.3	64.4
2007	20.5	20.9	99.1	62.3	63.6	63.6	63.6	62.3
2008	20.5	20.9	100.3	60.4	61.7	61.7	61.7	60.4
2009	20.5	20.9	101.4	58.6	59.8	59.8	59.8	58.6
2010	20.5	20.9	102.3	56.6	57.7	57.7	57.7	56.6
2011	20.5	20.9	103.1	55.1	56.1	56.1	56.1	55.1
2012	20.5	20.9	103.8	53.9	56.4	56.4	56.4	53.9
2013	20.5	20.9	104.4	53.0	56.0	56.0	56.0	52.9
2014	20.5	20.9	105.0	52.2	55.6	55.6	55.6	52.2

Murtho								
Time	S-1	S-2	S-3A	S3C	S-4	S-5	S-8A	S-8B
(y)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)
2015	20.5	20.9	105.5	51.7	55.3	55.3	28.2	25.6
2016	20.5	20.9	107.8	52.9	58.7	58.7	20.7	17.8
2017	20.5	20.9	109.5	53.7	61.8	61.8	18.6	14.8
2018	20.5	20.9	111.1	54.7	64.7	64.7	18.2	14.1
2019	20.5	20.9	112.7	55.6	67.6	67.6	18.8	14.0
2020	20.5	20.9	114.1	56.5	70.2	70.2	19.6	14.0
2021	20.5	20.9	117.0	58.8	74.4	74.4	20.7	14.4
2022	20.5	20.9	120.0	61.3	79.0	79.0	21.8	14.8
2023	20.5	21.0	122.5	63.3	83.1	83.1	22.7	15.1
2024	20.5	21.0	124.6	65.1	86.8	86.9	23.5	15.3
2025	20.5	21.0	126.4	66.6	91.0	91.0	24.9	15.4
2026	20.5	21.0	129.6	69.5	96.9	96.9	27.0	15.5
2027	20.5	21.0	131.9	71.5	102.1	102.0	29.1	15.7
2028	20.5	21.0	133.8	73.2	106.6	106.6	31.1	15.9
2029	20.5	21.0	135.6	74.7	110.8	110.8	33.1	16.1
2030	20.5	21.0	137.2	76.2	114.6	114.6	34.9	16.2
2031	20.5	21.0	138.7	77.5	118.2	118.2	36.7	16.3
2032	20.5	21.0	140.0	78.6	121.9	121.8	38.8	16.5
2033	20.5	21.0	141.2	79.7	125.3	125.3	40.8	16.6
2034	20.5	21.0	142.3	80.7	128.5	128.4	42.7	16.7
2035	20.5	21.0	143.4	81.6	131.5	131.3	44.5	16.8
2036	20.5	21.0	144.3	82.5	134.5	134.3	46.2	16.9
2037	20.5	21.0	145.2	83.3	137.6	137.4	47.9	17.0
2038	20.5	21.0	146.0	84.0	140.2	140.0	49.4	17.1
2039	20.5	21.0	146.8	84.6	142.6	142.3	50.9	17.2
2040	20.5	21.1	147.5	85.3	144.9	144.5	52.3	17.3
2041	20.5	21.1	148.2	85.9	147.0	148.5	53.7	17.4
2042	20.5	21.1	148.8	86.4	149.1	151.5	55.0	17.4
2043	20.5	21.1	149.4	86.9	151.1	154.1	56.2	17.5
2044	20.5	21.1	149.9	87.4	153.0	156.3	57.5	17.5
2045	20.5	21.1	150.4	87.8	154.8	158.4	58.6	17.6
2046	20.5	21.1	150.9	88.2	156.5	160.4	59.7	17.6
2047	20.5	21.1	151.4	88.6	158.2	162.7	60.8	17.7
2048	20.5	21.1	151.8	89.0	159.9	165.0	61.9	17.7
2049	20.5	21.2	152.2	89.4	161.5	167.4	62.9	17.8
2050	20.5	21.2	152.6	89.7	163.0	169.6	64.0	17.8
2051	20.5	21.2	153.0	90.0	164.5	171.9	64.9	17.9
2052	20.5	21.2	153.3	90.3	165.9	174.4	65.9	17.9
2053	20.5	21.2	153.7	90.6	167.4	177.1	66.8	17.9
2054	20.5	21.2	154.0	90.9	168.7	179.7	67.7	18.0
2055	20.5	21.3	154.3	91.1	170.0	182.1	68.6	18.0
2056	20.5	21.3	154.6	91.4	171.3	184.4	69.5	18.0
2057	20.5	21.3	154.9	91.6	172.5	186.6	70.4	18.1
2058	20.5	21.3	155.1	91.8	173.7	188.7	71.3	18.1
2059	20.5	21.3	155.4	92.0	174.9	190.6	72.2	18.1
2060	20.5	21.3	155.7	92.2	176.0	192.5	73.1	18.2
2061	20.5	21.3	155.9	92.4	177.1	194.3	73.9	18.2
2062	20.5	21.4	156.1	92.6	178.3	196.2	74.9	18.2
2063	20.5	21.4	156.3	92.8	179.3	197.9	75.7	18.2
2064	20.5	21.4	156.5	93.0	180.3	199.5	76.5	18.2
2065	20.5	21.4	156.8	93.1	181.2	201.1	77.3	18.3

Murtho								
Time	S-1	S-2	S-3A	S3C	S-4	S-5	S-8A	S-8B
(y)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)	(t/d)
2066	20.5	21.5	156.9	93.3	182.1	202.6	78.0	18.3
2067	20.5	21.5	157.1	93.5	183.0	204.0	78.7	18.3
2068	20.5	21.5	157.3	93.6	183.9	205.4	79.5	18.3
2069	20.5	21.5	157.5	93.8	184.7	206.8	80.1	18.3
2070	20.5	21.5	157.7	93.9	185.5	208.1	80.8	18.4
2071	20.5	21.6	157.8	94.0	186.2	209.4	81.5	18.4
2072	20.5	21.6	158.0	94.1	187.0	210.7	82.1	18.4
2073	20.5	21.6	158.1	94.3	187.7	211.9	82.7	18.4
2074	20.5	21.7	158.3	94.4	188.4	213.0	83.3	18.4
2075	20.5	21.7	158.4	94.5	189.1	214.2	83.9	18.4
2076	20.5	21.7	158.6	94.6	189.7	215.3	84.4	18.5
2077	20.5	21.8	158.7	94.7	190.4	216.4	85.0	18.5
2078	20.5	21.8	158.8	94.8	191.0	217.4	85.5	18.5
2079	20.5	21.8	159.0	94.9	191.6	218.4	86.0	18.5
2080	20.5	21.8	159.1	95.0	192.2	219.4	86.5	18.5
2081	20.5	21.9	159.2	95.1	192.7	220.3	87.0	18.5
2082	20.5	21.9	159.3	95.2	193.3	221.2	87.5	18.5
2083	20.5	22.0	159.4	95.3	193.8	222.1	87.9	18.6
2084	20.5	22.0	159.6	95.4	194.3	222.9	88.4	18.6
2085	20.5	22.1	159.7	95.5	194.8	223.7	88.8	18.6
2086	20.5	22.1	159.8	95.6	195.3	224.5	89.2	18.6
2087	20.5	22.1	159.9	95.6	195.8	225.3	89.6	18.6
2088	20.5	22.2	160.0	95.7	196.2	226.0	90.0	18.6
2089	20.5	22.2	160.1	95.8	196.7	226.7	90.4	18.6
2090	20.5	22.2	160.2	95.9	197.1	227.4	90.8	18.6
2091	20.5	22.3	160.2	95.9	197.5	228.1	91.1	18.6
2092	20.5	22.4	160.3	96.0	197.9	228.7	91.5	18.6
2093	20.5	22.4	160.4	96.1	198.3	229.4	91.8	18.7
2094	20.5	22.5	160.5	96.1	198.7	230.0	92.2	18.7
2095	20.5	22.5	160.6	96.2	199.1	230.6	92.5	18.7
2096	20.5	22.6	160.7	96.3	199.4	231.1	92.8	18.7
2097	20.5	22.6	160.8	96.3	199.8	231.7	93.1	18.7
2098	20.5	22.7	160.8	96.4	200.1	232.2	93.4	18.7
2099	20.5	22.7	160.9	96.4	200.5	232.8	93.7	18.7
2100	20.5	22.8	161.0	96.5	200.8	233.3	94.0	18.7
2101	20.5	22.8	161.0	96.6	201.1	233.8	94.3	18.7
2102	20.5	22.9	161.1	96.6	201.4	234.2	94.6	18.7
2103	20.5	23.0	161.2	96.7	201.8	234.7	94.8	18.7
2104	20.5	23.0	161.3	96.7	202.1	235.2	95.1	18.7
2105	20.5	23.1	161.3	96.8	202.3	235.6	95.4	18.7
2106	20.5	23.2	161.4	96.8	202.6	236.0	95.6	18.8
2107	20.5	23.2	161.4	96.9	202.9	236.5	95.9	18.8
2108	20.5	23.3	161.5	96.9	203.2	236.9	96.1	18.8
2109	20.5	23.3	161.6	97.0	203.4	237.3	96.3	18.8
2110	20.5	23.4	161.6	97.0	203.7	237.6	96.5	18.8
2111	20.5	23.5	161.7	97.1	203.9	238.0	96.8	18.8
2112	20.5	23.5	161.7	97.1	204.2	238.4	97.0	18.8
2113	20.5	23.6	161.8	97.1	204.4	238.7	97.2	18.8
2114	20.5	23.7	161.8	97.2	204.7	239.1	97.4	18.8

B-1. Modelled total salt load (t/d) entering the River Murray in Murtho for all scenarios

B-1. Graphs of modelled total salt load (t/d) entering the River Murray in Murtho for all scenarios

B-2 SUMMARY OF FLUX FOR PIKE-MURTHO

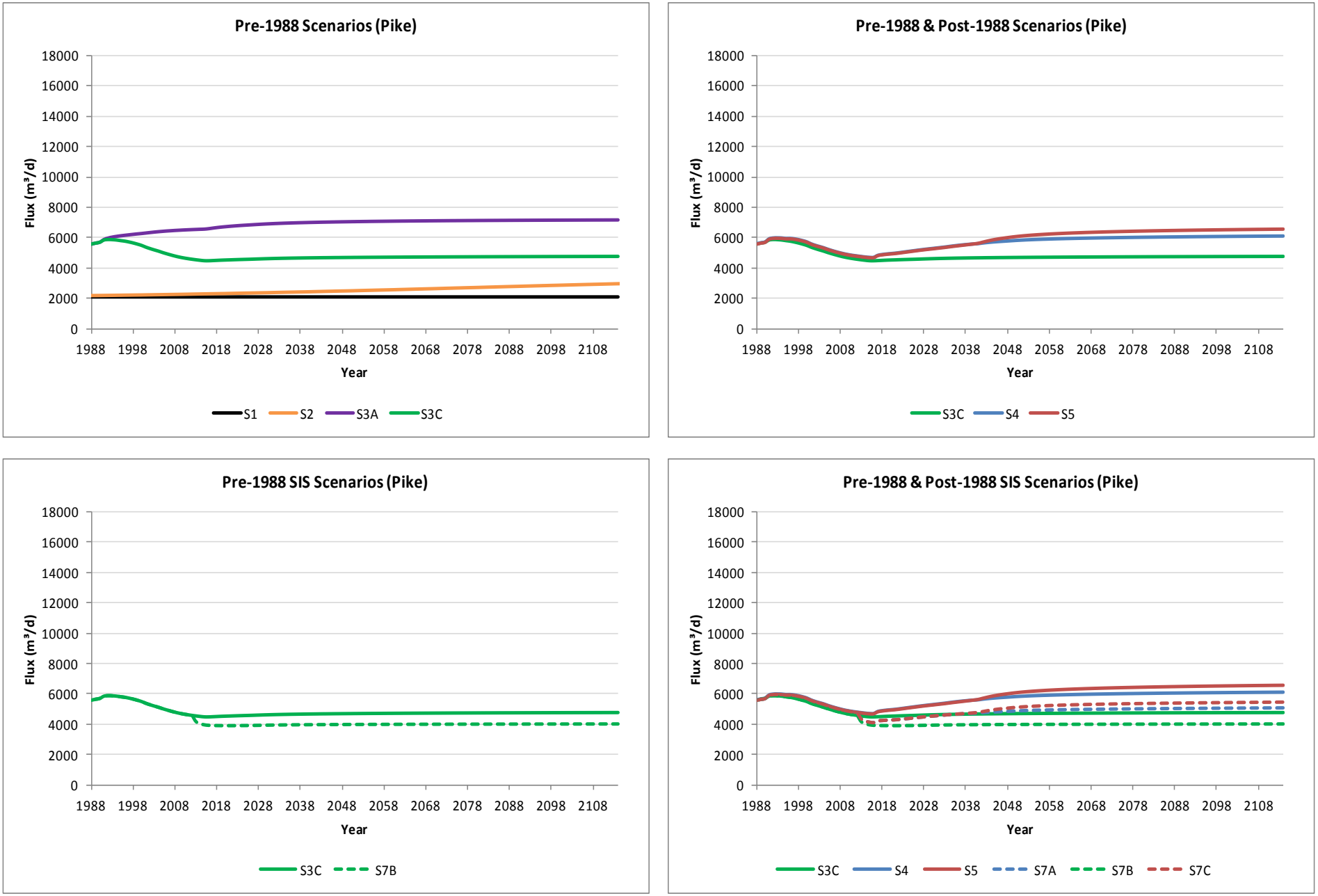
- Model scenario conditions
- Modelled total groundwater flux (m^3/d) entering the River Murray for all scenarios

Pike								
Time	S-1	S-2	S-3A	S3C	S-4	S-5	S-8A	S-8B
(y)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)
1880	2100	2101	2100	2100	2100	2100	2100	2100
1885	2100	2101	2100	2100	2100	2100	2100	2100
1890	2100	2100	2100	2100	2100	2100	2100	2100
1895	2100	2100	2100	2100	2100	2100	2100	2100
1900	2100	2100	2100	2100	2100	2100	2100	2100
1905	2100	2100	2209	2209	2209	2209	2209	2209
1910	2100	2100	2230	2230	2230	2230	2230	2230
1915	2100	2100	2236	2236	2236	2236	2236	2236
1920	2100	2100	2239	2239	2239	2239	2239	2239
1925	2100	2102	2241	2241	2241	2241	2241	2241
1930	2100	2103	2242	2242	2242	2242	2242	2242
1935	2100	2107	2242	2242	2242	2242	2242	2242
1940	2100	2110	2703	2703	2703	2703	2703	2703
1945	2100	2116	2764	2764	2764	2764	2764	2764
1950	2100	2120	3093	3093	3093	3093	3093	3093
1955	2100	2127	3095	3095	3095	3095	3095	3095
1960	2100	2133	3730	3730	3730	3730	3730	3730
1965	2100	2141	3973	3973	3973	3973	3973	3973
1970	2100	2149	4526	4526	4526	4526	4526	4526
1975	2100	2159	4649	4649	4649	4649	4649	4649
1980	2100	2169	5134	5134	5134	5134	5134	5134
1982	2100	2174	5292	5291	5291	5291	5291	5291
1984	2100	2179	5408	5407	5407	5407	5407	5407
1985	2100	2182	5442	5442	5442	5442	5442	5442
1986	2100	2185	5476	5476	5476	5476	5476	5476
1988	2100	2191	5591	5591	5591	5591	5591	5591
1989	2100	2193	5656	5656	5656	5656	5656	5656
1990	2100	2196	5717	5709	5709	5709	5709	5709
1991	2100	2199	5898	5860	5917	5917	5917	5860
1992	2100	2203	5993	5893	5973	5973	5973	5893
1993	2100	2206	6056	5884	5982	5982	5982	5884
1994	2100	2210	6103	5861	5972	5972	5972	5861
1995	2100	2213	6142	5820	5943	5943	5943	5820
1996	2100	2217	6175	5783	5945	5945	5945	5783
1997	2100	2221	6208	5729	5915	5915	5915	5729
1998	2100	2224	6239	5663	5865	5865	5865	5663
1999	2100	2227	6268	5587	5798	5798	5798	5587
2000	2100	2231	6295	5502	5716	5716	5716	5502
2001	2100	2236	6327	5388	5589	5589	5589	5388
2002	2100	2240	6358	5293	5491	5491	5491	5293
2003	2100	2245	6388	5206	5410	5410	5410	5206
2004	2100	2249	6415	5125	5329	5329	5329	5125
2005	2100	2253	6439	5031	5232	5232	5232	5031
2006	2100	2257	6460	4948	5144	5144	5144	4948
2007	2100	2262	6480	4868	5063	5063	5063	4868
2008	2100	2266	6497	4794	4989	4989	4989	4794
2009	2100	2270	6513	4728	4923	4924	4923	4728
2010	2100	2274	6527	4674	4869	4869	4869	4674
2011	2100	2280	6541	4627	4823	4823	4823	4627
2012	2100	2285	6553	4586	4787	4787	4787	4586
2013	2100	2290	6565	4548	4750	4750	4363	4174
2014	2100	2296	6576	4514	4717	4716	4215	4032

Pike								
Time	S-1	S-2	S-3A	S3C	S-4	S-5	S-8A	S-8B
(y)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)
2015	2100	2301	6586	4487	4691	4691	4139	3957
2016	2100	2305	6614	4483	4693	4693	4111	3925
2017	2100	2310	6651	4495	4826	4826	4219	3913
2018	2100	2315	6687	4509	4878	4878	4251	3907
2019	2100	2320	6719	4521	4912	4912	4268	3904
2020	2100	2324	6746	4532	4938	4938	4282	3902
2021	2100	2331	6770	4541	4963	4963	4296	3901
2022	2100	2337	6793	4551	4996	4996	4318	3902
2023	2100	2343	6814	4560	5033	5033	4346	3904
2024	2100	2349	6833	4569	5071	5071	4375	3907
2025	2100	2354	6851	4576	5108	5108	4405	3909
2026	2100	2360	6868	4585	5145	5145	4434	3912
2027	2100	2365	6885	4594	5181	5181	4463	3918
2028	2100	2370	6902	4604	5214	5214	4491	3924
2029	2100	2375	6918	4613	5247	5247	4517	3929
2030	2100	2380	6932	4621	5277	5277	4541	3935
2031	2100	2387	6945	4629	5308	5308	4568	3939
2032	2100	2394	6957	4636	5340	5340	4594	3944
2033	2100	2400	6968	4642	5372	5372	4617	3947
2034	2100	2407	6978	4648	5408	5408	4639	3951
2035	2100	2412	6988	4653	5443	5443	4660	3954
2036	2100	2418	6997	4658	5476	5477	4678	3957
2037	2100	2424	7005	4663	5506	5509	4695	3959
2038	2100	2429	7013	4667	5532	5542	4711	3962
2039	2100	2435	7020	4671	5556	5575	4725	3964
2040	2100	2440	7027	4675	5577	5608	4738	3966
2041	2100	2448	7034	4678	5597	5647	4749	3967
2042	2100	2455	7040	4682	5634	5717	4770	3969
2043	2100	2462	7046	4685	5665	5785	4790	3971
2044	2100	2469	7051	4688	5691	5846	4807	3972
2045	2100	2475	7057	4690	5714	5900	4822	3974
2046	2100	2481	7062	4693	5735	5946	4835	3975
2047	2100	2488	7067	4696	5753	5988	4848	3976
2048	2100	2494	7071	4698	5771	6025	4860	3978
2049	2100	2500	7076	4701	5790	6061	4874	3979
2050	2100	2505	7080	4703	5808	6094	4887	3980
2051	2100	2513	7084	4705	5824	6124	4899	3981
2052	2100	2521	7088	4707	5838	6150	4909	3982
2053	2100	2528	7092	4709	5851	6173	4918	3983
2054	2100	2535	7095	4711	5862	6194	4927	3984
2055	2100	2542	7099	4713	5873	6214	4934	3985
2056	2100	2549	7102	4715	5883	6232	4941	3986
2057	2100	2556	7105	4717	5892	6249	4947	3987
2058	2100	2563	7109	4719	5900	6264	4953	3988
2059	2100	2569	7112	4720	5908	6279	4959	3988
2060	2100	2575	7115	4722	5916	6292	4964	3989
2061	2100	2584	7117	4724	5923	6305	4969	3990
2062	2100	2592	7120	4725	5930	6317	4973	3991
2063	2100	2599	7123	4727	5937	6329	4978	3991
2064	2100	2607	7125	4728	5943	6339	4982	3992
2065	2100	2614	7128	4729	5949	6349	4986	3993

Pike								
Time	S-1	S-2	S-3A	S3C	S-4	S-5	S-8A	S-8B
(y)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)
2066	2100	2622	7130	4731	5955	6359	4990	3994
2067	2100	2629	7133	4732	5960	6369	4993	3994
2068	2100	2636	7135	4734	5965	6378	4997	3995
2069	2100	2643	7137	4735	5970	6386	5000	3995
2070	2100	2650	7139	4736	5975	6394	5004	3996
2071	2100	2658	7141	4737	5980	6402	5007	3997
2072	2100	2666	7143	4739	5985	6410	5010	3997
2073	2100	2674	7145	4740	5989	6417	5013	3998
2074	2100	2682	7147	4741	5993	6424	5016	3999
2075	2100	2690	7149	4742	5997	6431	5019	3999
2076	2100	2697	7151	4743	6001	6437	5021	4000
2077	2100	2704	7153	4744	6005	6444	5024	4000
2078	2100	2712	7155	4745	6009	6450	5027	4001
2079	2100	2719	7156	4746	6013	6456	5029	4001
2080	2100	2726	7158	4747	6016	6462	5032	4002
2081	2100	2734	7160	4748	6019	6467	5034	4002
2082	2100	2742	7161	4749	6023	6473	5036	4003
2083	2100	2750	7163	4750	6026	6478	5039	4003
2084	2100	2758	7164	4751	6029	6483	5041	4004
2085	2100	2766	7166	4752	6032	6488	5043	4004
2086	2100	2773	7167	4753	6036	6493	5045	4005
2087	2100	2781	7168	4754	6039	6498	5047	4005
2088	2100	2788	7170	4755	6041	6502	5050	4006
2089	2100	2796	7171	4756	6044	6506	5051	4006
2090	2100	2803	7172	4756	6047	6511	5054	4006
2091	2100	2811	7174	4757	6050	6515	5055	4007
2092	2100	2819	7175	4758	6052	6519	5057	4007
2093	2100	2826	7176	4759	6055	6523	5059	4008
2094	2100	2834	7177	4760	6057	6527	5061	4008
2095	2100	2841	7178	4760	6060	6531	5063	4008
2096	2100	2849	7180	4761	6062	6535	5065	4009
2097	2100	2856	7181	4762	6065	6539	5066	4009
2098	2100	2864	7182	4763	6067	6542	5068	4010
2099	2100	2871	7183	4763	6069	6546	5070	4010
2100	2100	2878	7184	4764	6072	6549	5071	4010
2101	2100	2885	7185	4765	6074	6553	5073	4011
2102	2100	2893	7186	4765	6076	6556	5075	4011
2103	2100	2900	7187	4766	6078	6559	5076	4011
2104	2100	2907	7188	4766	6080	6563	5078	4012
2105	2100	2915	7189	4767	6082	6566	5079	4012
2106	2100	2922	7190	4768	6084	6569	5081	4012
2107	2100	2929	7191	4768	6086	6572	5082	4013
2108	2100	2936	7192	4769	6088	6575	5084	4013
2109	2100	2942	7192	4769	6090	6577	5085	4013
2110	2100	2949	7193	4770	6092	6580	5087	4013
2111	2100	2956	7194	4771	6094	6583	5088	4014
2112	2100	2963	7195	4771	6096	6586	5090	4014
2113	2100	2970	7196	4772	6098	6588	5091	4014
2114	2100	2977	7196	4772	6099	6591	5092	4015

B-2. Modelled total salt load (t/d) entering the River Murray in Pike for all scenarios



B-2. Graphs of modelled flux (m³/d) entering the River Murray in Pike for all scenarios

Murtho								
Time	S-1	S-2	S-3A	S3C	S-4	S-5	S-8A	S-8B
(y)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)
1880	6473	6473	6472	6473	6473	6474	6473	6473
1885	6473	6473	6472	6473	6473	6473	6473	6473
1890	6473	6473	6472	6473	6473	6473	6473	6473
1895	6473	6473	6472	6473	6473	6473	6473	6473
1900	6473	6473	6472	6473	6473	6473	6473	6473
1905	6473	6473	6472	6473	6473	6473	6473	6473
1910	6473	6473	6472	6473	6473	6473	6473	6473
1915	6473	6473	6472	6473	6473	6473	6473	6473
1920	6473	6473	6472	6473	6473	6473	6473	6473
1925	6473	6476	6472	6473	6473	6473	6473	6473
1930	6473	6476	6471	6473	6473	6473	6473	6473
1935	6473	6480	6471	6473	6473	6473	6473	6473
1940	6473	6480	6471	6473	6473	6473	6473	6473
1945	6473	6482	6471	6473	6473	6473	6473	6473
1950	6473	6482	6832	6834	6834	6834	6834	6834
1955	6473	6484	6852	6853	6853	6853	6853	6853
1960	6473	6484	6858	6859	6859	6859	6859	6859
1965	6473	6486	6868	6870	6870	6870	6870	6870
1970	6473	6486	6872	6873	6873	6873	6873	6873
1975	6473	6487	7108	7109	7109	7109	7109	7109
1980	6473	6487	7174	7176	7176	7176	7176	7176
1982	6473	6489	7549	7550	7550	7550	7550	7550
1984	6473	6489	7657	7658	7658	7658	7658	7658
1985	6473	6489	7669	7671	7671	7671	7671	7671
1986	6473	6489	7859	7861	7861	7861	7861	7861
1988	6473	6489	8091	8094	8094	8094	8094	8094
1989	6473	6489	8145	8148	8148	8148	8148	8148
1990	6473	6489	8192	8182	8182	8182	8182	8182
1991	6473	6490	8666	8638	8638	8638	8638	8638
1992	6473	6491	8885	8842	8842	8842	8842	8842
1993	6473	6491	9014	8961	8961	8961	8961	8961
1994	6473	6491	9101	9043	9043	9043	9043	9043
1995	6473	6491	9164	9087	9087	9087	9087	9087
1996	6473	6491	9345	9254	9254	9254	9254	9254
1997	6473	6491	9434	9338	9338	9338	9338	9338
1998	6473	6491	9497	9397	9397	9397	9397	9397
1999	6473	6491	9543	9435	9435	9435	9435	9435
2000	6473	6492	9581	9467	9467	9467	9467	9467
2001	6473	6493	9729	9456	9456	9456	9456	9456
2002	6473	6493	9835	9464	9464	9464	9464	9464
2003	6473	6493	9915	9058	9058	9058	9058	9058
2004	6473	6493	9980	8828	8828	8828	8828	8828
2005	6473	6493	10034	8657	8657	8657	8657	8657
2006	6473	6494	10095	8553	8597	8597	8597	8553
2007	6473	6494	10163	8459	8522	8522	8522	8459
2008	6473	6494	10223	8372	8438	8438	8438	8372
2009	6473	6494	10276	8286	8350	8350	8350	8286
2010	6473	6494	10320	8194	8252	8252	8252	8194
2011	6473	6495	10359	8124	8179	8179	8179	8124
2012	6473	6495	10392	8069	8183	8183	8183	8069
2013	6473	6496	10422	8025	8161	8161	8161	8025
2014	6473	6496	10449	7990	8139	8139	8139	7990

Murtho								
Time	S-1	S-2	S-3A	S3C	S-4	S-5	S-8A	S-8B
(y)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)
2015	6473	6496	10473	7965	8122	8122	6003	5901
2016	6473	6496	10582	8022	8277	8277	5696	5586
2017	6473	6496	10659	8055	8415	8415	5613	5469
2018	6473	6496	10732	8095	8547	8547	5603	5432
2019	6473	6496	10800	8135	8679	8679	5626	5422
2020	6473	6496	10861	8172	8797	8797	5658	5420
2021	6473	6498	10995	8278	8986	8986	5709	5441
2022	6473	6498	11129	8387	9194	9194	5761	5461
2023	6473	6498	11238	8476	9379	9379	5801	5473
2024	6473	6498	11330	8552	9543	9543	5839	5481
2025	6473	6499	11410	8617	9721	9721	5893	5488
2026	6473	6499	11553	8746	9974	9974	5973	5493
2027	6473	6499	11652	8833	10218	10218	6053	5500
2028	6473	6499	11741	8910	10420	10420	6131	5508
2029	6473	6499	11821	8980	10609	10608	6207	5515
2030	6473	6499	11893	9044	10780	10779	6278	5521
2031	6473	6501	11959	9102	10941	10938	6346	5527
2032	6473	6501	12020	9156	11112	11108	6433	5533
2033	6473	6502	12075	9205	11268	11262	6514	5539
2034	6473	6502	12126	9250	11412	11404	6590	5544
2035	6473	6502	12173	9291	11545	11534	6659	5549
2036	6473	6502	12216	9329	11682	11670	6727	5554
2037	6473	6503	12257	9365	11827	11812	6794	5558
2038	6473	6503	12294	9397	11946	11929	6856	5562
2039	6473	6503	12328	9428	12056	12036	6916	5565
2040	6473	6503	12361	9456	12160	12138	6973	5569
2041	6473	6504	12391	9483	12260	12366	7027	5572
2042	6473	6505	12419	9507	12355	12509	7080	5575
2043	6473	6506	12446	9531	12446	12629	7131	5578
2044	6473	6506	12471	9552	12534	12733	7180	5581
2045	6473	6507	12494	9573	12619	12829	7227	5583
2046	6473	6507	12517	9592	12700	12922	7273	5585
2047	6473	6507	12538	9611	12779	13025	7317	5588
2048	6473	6508	12558	9628	12855	13131	7359	5590
2049	6473	6508	12577	9644	12929	13234	7403	5592
2050	6473	6508	12594	9660	13001	13333	7445	5594
2051	6473	6510	12612	9675	13071	13443	7486	5595
2052	6473	6511	12628	9689	13138	13568	7526	5597
2053	6473	6512	12644	9702	13204	13695	7564	5599
2054	6473	6512	12658	9715	13267	13817	7602	5600
2055	6473	6513	12673	9727	13329	13931	7638	5602
2056	6473	6513	12686	9739	13388	14038	7676	5603
2057	6473	6514	12699	9750	13446	14140	7714	5605
2058	6473	6515	12711	9760	13502	14236	7751	5606
2059	6473	6515	12724	9771	13556	14328	7788	5607
2060	6473	6516	12735	9780	13608	14415	7824	5608
2061	6473	6517	12746	9790	13658	14499	7860	5610
2062	6473	6519	12757	9799	13717	14589	7903	5611
2063	6473	6520	12767	9807	13765	14666	7938	5612
2064	6473	6521	12777	9816	13811	14741	7971	5613
2065	6473	6522	12786	9824	13856	14813	8004	5614

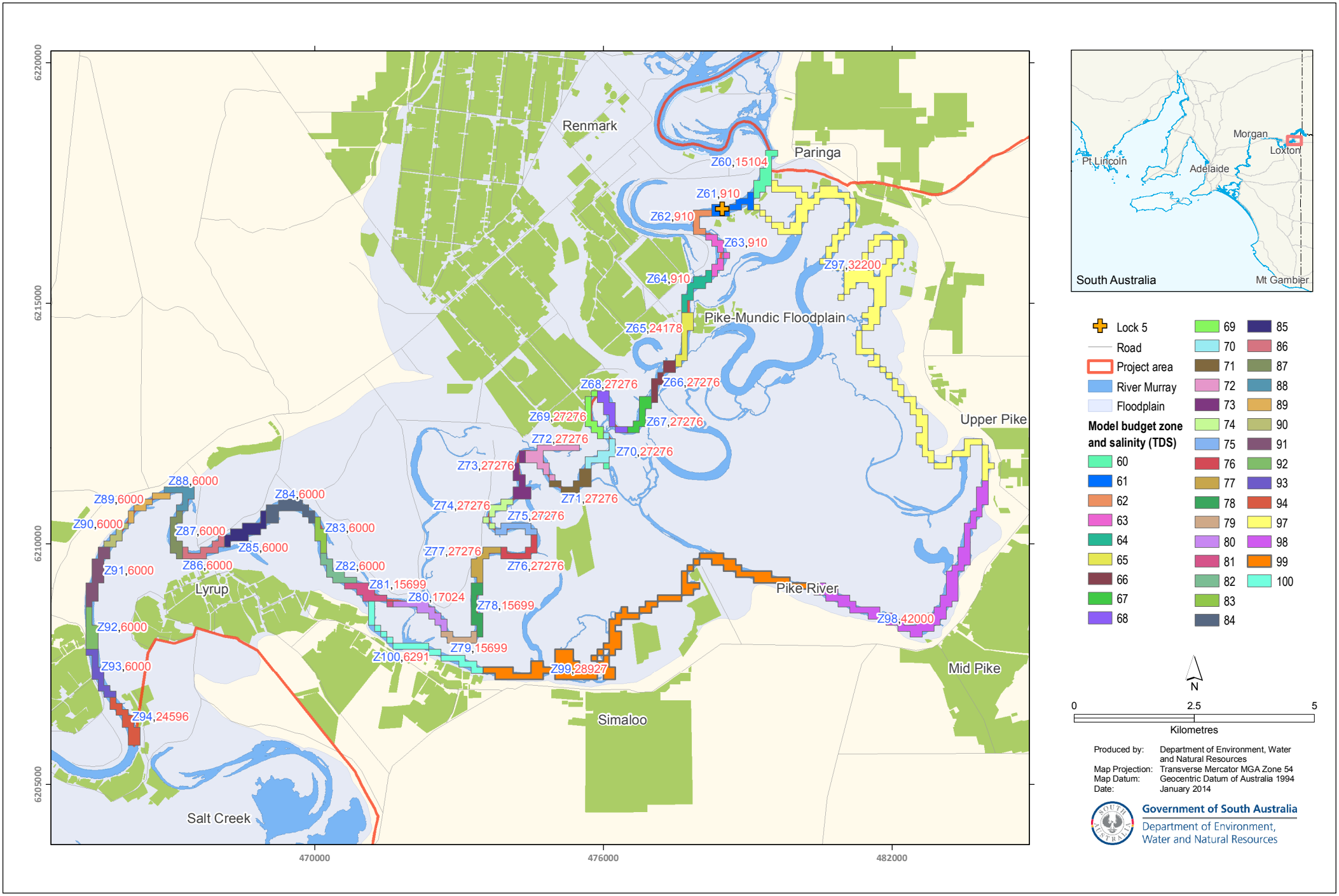
Murtho								
Time	S-1	S-2	S-3A	S3C	S-4	S-5	S-8A	S-8B
(y)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)	(m³/d)
2066	6473	6523	12795	9831	13898	14882	8035	5615
2067	6473	6524	12804	9839	13940	14949	8066	5616
2068	6473	6525	12813	9846	13980	15014	8096	5617
2069	6473	6526	12821	9853	14019	15078	8125	5617
2070	6473	6527	12829	9860	14056	15140	8154	5618
2071	6473	6529	12837	9866	14092	15200	8182	5619
2072	6473	6531	12844	9872	14128	15258	8209	5620
2073	6473	6533	12851	9878	14162	15314	8235	5621
2074	6473	6534	12858	9884	14194	15369	8260	5621
2075	6473	6536	12865	9889	14226	15422	8285	5622
2076	6473	6537	12871	9895	14257	15473	8309	5623
2077	6473	6539	12878	9900	14287	15523	8332	5624
2078	6473	6540	12884	9905	14316	15572	8355	5624
2079	6473	6541	12890	9910	14344	15618	8377	5625
2080	6473	6543	12896	9914	14371	15664	8398	5625
2081	6473	6545	12901	9919	14398	15708	8419	5626
2082	6473	6548	12907	9923	14423	15750	8439	5627
2083	6473	6550	12912	9927	14448	15791	8459	5627
2084	6473	6552	12917	9932	14472	15830	8477	5628
2085	6473	6555	12923	9936	14496	15868	8496	5628
2086	6473	6557	12927	9939	14519	15905	8514	5629
2087	6473	6558	12932	9943	14541	15941	8531	5629
2088	6473	6560	12937	9947	14562	15975	8549	5630
2089	6473	6562	12942	9951	14584	16009	8565	5630
2090	6473	6564	12946	9954	14604	16041	8581	5631
2091	6473	6567	12950	9958	14624	16072	8597	5631
2092	6473	6570	12954	9961	14643	16103	8612	5632
2093	6473	6573	12958	9964	14662	16132	8627	5632
2094	6473	6576	12962	9967	14680	16161	8642	5632
2095	6473	6579	12966	9970	14698	16188	8656	5633
2096	6473	6582	12970	9973	14715	16215	8670	5633
2097	6473	6585	12974	9976	14732	16241	8683	5634
2098	6473	6587	12978	9979	14749	16267	8696	5634
2099	6473	6589	12981	9982	14765	16291	8709	5634
2100	6473	6592	12985	9985	14780	16315	8721	5635
2101	6473	6596	12988	9987	14796	16338	8733	5635
2102	6473	6600	12991	9990	14810	16360	8745	5635
2103	6473	6604	12994	9993	14825	16382	8757	5636
2104	6473	6607	12998	9995	14839	16404	8768	5636
2105	6473	6611	13001	9997	14853	16424	8779	5636
2106	6473	6614	13004	10000	14866	16445	8790	5637
2107	6473	6617	13007	10002	14879	16464	8800	5637
2108	6473	6620	13010	10004	14892	16483	8810	5637
2109	6473	6623	13012	10007	14905	16502	8820	5638
2110	6473	6626	13015	10009	14917	16520	8830	5638
2111	6473	6630	13018	10011	14929	16537	8840	5638
2112	6473	6634	13021	10013	14940	16554	8849	5638
2113	6473	6639	13023	10015	14952	16571	8858	5639
2114	6473	6643	13026	10017	14963	16587	8867	5639

B-2. Modelled total salt load (t/d) entering the River Murray in Murtho for all scenarios

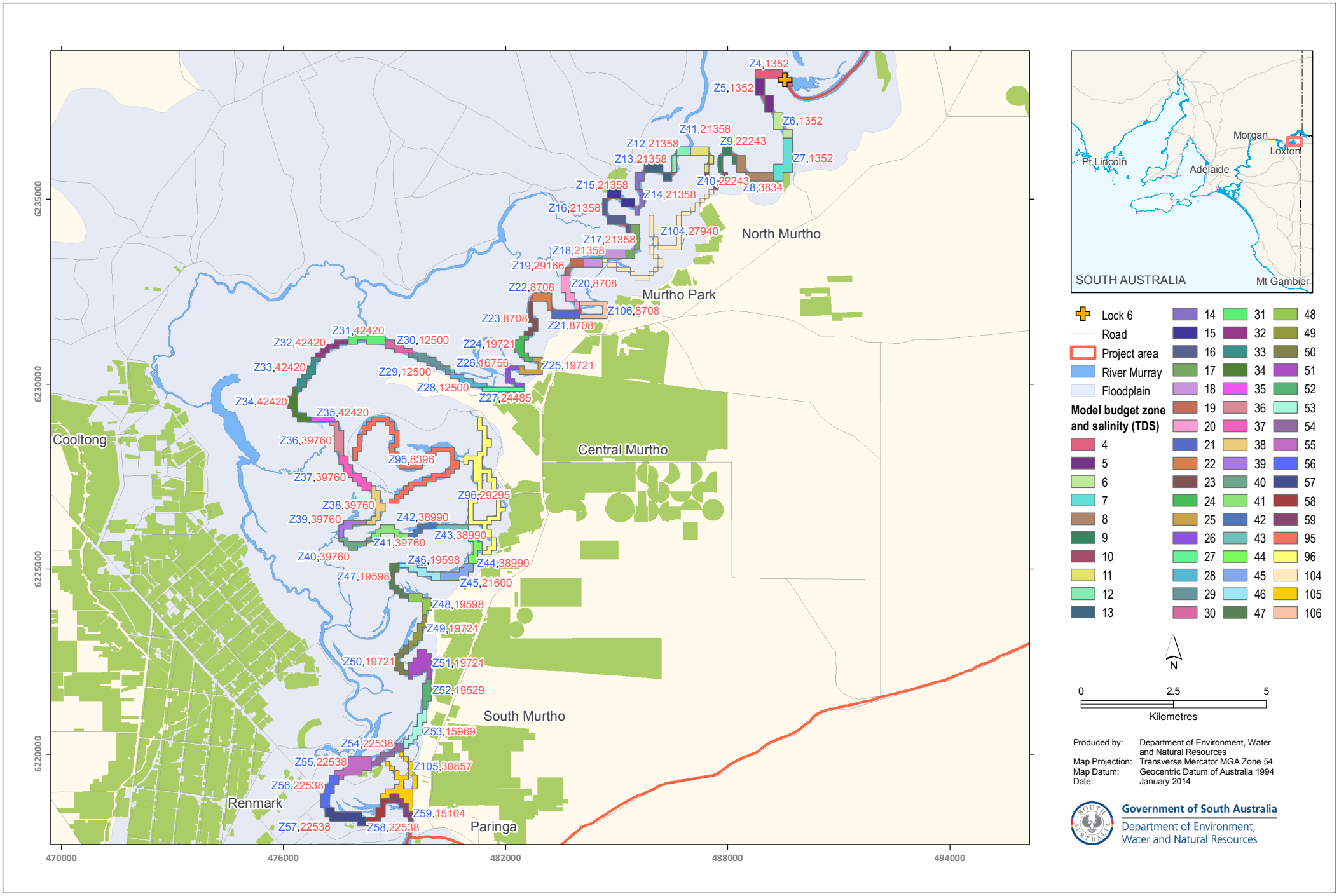
B-2. Graphs of modelled flux (m³/d) entering the River Murray in Murtho for all scenarios

B-3 DETAILED FLUX AND SALT LOAD FOR ALL SCENARIOS IN PIKE-MURTHO

- Model scenario conditions
- Flow budget zones
- Modelled groundwater flux entering the River Murray for the historical model and all scenarios
- Modelled salt load entering the River Murray for the historical model and all scenarios



B-3. Model budget zones and groundwater salinity values (TDS mg/L) in Pike



B-3. Model budget zones and groundwater salinity values (TDS mg/L) in Murtho

Historical calibrated model

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
0	1	1880	1880	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
1	1827	1880	1885	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
1827	3653	1885	1890	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
3653	5479	1890	1895	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
5479	7305	1895	1900	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
7305	9131	1900	1905	27	16	14	5	4	0	1	6	19	2	12	13	30	31	12	0	0	192
9131	10957	1905	1910	27	16	14	6	4	1	2	10	24	2	13	15	32	33	13	0	0	212
10957	12783	1910	1915	27	16	14	7	4	1	3	12	25	2	14	15	33	33	13	0	0	218
12783	14609	1915	1920	27	16	15	7	5	1	3	12	25	2	14	15	33	33	13	0	0	221
14609	16436	1920	1925	27	16	15	7	5	1	4	13	25	2	14	15	33	33	13	0	0	223
16436	18262	1925	1930	27	16	15	7	5	1	4	13	25	2	14	15	33	33	13	0	0	224
18262	20088	1930	1935	27	16	15	8	5	1	4	13	25	2	14	15	33	33	13	0	0	224
20088	21914	1935	1940	30	43	244	157	20	8	13	14	26	2	14	15	33	33	13	0	16	682
21914	23741	1940	1945	31	50	263	173	24	10	18	15	26	2	14	15	34	33	13	0	20	741
23741	25567	1945	1950	32	54	281	271	63	47	109	46	28	2	15	16	34	33	13	0	23	1068
25567	27393	1950	1955	32	54	267	265	64	48	115	55	29	3	15	16	35	34	14	0	22	1068
27393	29219	1955	1960	115	75	269	267	70	59	229	245	86	3	20	26	46	33	13	0	61	1615
29219	31046	1960	1965	136	117	309	266	68	57	219	238	85	3	21	26	47	33	14	0	99	1737
31046	32872	1965	1970	144	126	316	259	65	53	190	195	71	3	19	23	41	30	12	0	106	1654
32872	34698	1970	1975	143	128	315	251	62	50	170	169	63	3	19	22	39	29	12	0	106	1580
34698	36524	1975	1980	146	130	317	259	65	52	195	248	72	3	19	23	38	26	11	0	107	1710
36524	37255	1980	1982	148	136	324	261	66	53	199	253	72	3	19	23	38	26	10	0	113	1744
37255	37985	1982	1984	153	148	337	262	66	54	200	251	72	3	19	23	37	24	10	0	123	1782
37985	38351	1984	1985	155	153	341	262	66	54	199	247	71	3	19	22	36	24	9	0	128	1790
38351	38716	1985	1986	158	157	346	263	67	54	198	245	70	3	19	22	36	23	9	0	131	1801
38716	39446	1986	1988	161	164	351	264	68	55	209	268	77	3	20	23	37	22	9	0	137	1868
39446	39812	1988	1989	163	168	352	265	69	56	217	285	81	3	20	24	37	22	9	0	140	1912
39812	40177	1989	1990	165	171	353	265	69	57	223	296	84	3	21	24	38	21	9	0	142	1943
40177	40542	1990	1991	172	173	352	266	70	58	229	331	94	3	21	25	38	20	8	0	147	2008
40542	40907	1991	1992	173	174	352	267	71	58	224	325	94	3	22	26	39	20	8	0	148	2004
40907	41273	1992	1993	173	176	353	267	71	58	219	315	91	3	22	26	38	20	8	0	149	1987
41273	41638	1993	1994	171	177	353	266	70	57	213	303	88	3	21	25	37	20	8	0	149	1965
41638	42003	1994	1995	170	177	351	265	70	57	208	293	86	3	21	25	37	20	8	0	148	1939
42003	42368	1995	1996	168	177	348	264	70	57	204	284	83	3	21	24	36	19	8	0	147	1915
42368	42734	1996	1997	167	177	345	262	70	56	199	273	81	3	21	24	36	19	8	0	146	1886
42734	43099	1997	1998	164	177	342	259	69	55	193	258	77	3	21	23	35	19	8	0	145	1849
43099	43464	1998	1999	160	176	338	257	69	55	185	243	73	3	20	23	34	19	8	0	143	1805
43464	43829	1999	2000	156	176	334	254	68	54	177	225	68	3	20	22	33	19	8	0	141	1756
43829	44195	2000	2001	150	175	329	250	67	52	167	200	60	3	19	21	31	18	7	0	137	1687
44195	44560	2001	2002	145	173	323	244	65	51	160	187	56	3	19	20	30	17	7	0	134	1635
44560	44925	2002	2003	142	171	317	239	64	49	154	183	55	3	18	19	28	16	7	0	132	1598
44925	45290	2003	2004	140	169	310	234	62	48	149	177	53	3	18	19	27	16	6	0	129	1559
45290	45656	2004	2005	137	167	303	229	61	47	145	171	51	3	18	18	26	15	6	0	126	1523
45656	46021	2005	2006	134	164	295	224	60	46	141	166	49	3	18	18	26	14	6	0	124	1487
46021	46386	2006	2007	132	161	288	219	59	45	138	162	48	3	17	18	24	13	5	0	121	1453
46386	46751	2007	2008	130	158	279	214	58	44	135	159	47	3	17	17	24	12	5	0	118	1421
46751	47117	2008	2009	128	156	271	209	57	43	133	157	46	3	17	17	23	11	4	0	115	1390
47117	47482	2009	2010	127	153	263	205	56	42	131	155	45	3	17	17	22	11	4	0	112	1363
47482	47847	2010	2011	124	149	254	200	56	42	130	154	45	3	17	17	22	11	4	0	109	1337
47847	48212	2011	2012	119	146	246	196	55	41	129	153	44	3	17	17	22	11	4	0	105	1308
48212	48578	2012	2013	111	143	238	192	55	41	128	152	44	3	17	16	22	11	4	0	100	1278
48578	48943	2013	2014	104	141	231	188	54	41	128	152	44	3	17	16	22	11	4	0	96	1250

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
0	1	1880	1880	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
1	1827	1880	1885	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
1827	3653	1885	1890	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
3653	5479	1890	1895	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
5479	7305	1895	1900	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
7305	9131	1900	1905	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.7
9131	10957	1905	1910	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.8
10957	12783	1910	1915	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
12783	14609	1915	1920	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
14609	16436	1920	1925	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
16436	18262	1925	1930	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
18262	20088	1930	1935	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
20088	21914	1935	1940	0.5	0.7	3.8	0.9	0.1	0.0	0.1	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	7.2
21914	23741	1940	1945	0.5	0.8	4.1	1.0	0.1	0.1	0.1	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	7.9
23741	25567	1945	1950	0.5	0.9	4.4	1.6	0.4	0.3	0.7	0.3	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	10.0
25567	27393	1950	1955	0.5	0.9	4.2	1.6	0.4	0.3	0.7	0.3	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	9.9
27393	29219	1955	1960	1.8	1.3	4.2	1.6	0.4	0.4	1.4	1.5	0.5	0.0	0.1	0.2	0.3	0.2	0.1	0.0	0.4	14.2
29219	31046	1960	1965	2.1	2.0	4.9	1.6	0.4	0.3	1.3	1.4	0.5	0.0	0.1	0.2	0.3	0.2	0.1	0.0	0.6	16.1
31046	32872	1965	1970	2.3	2.2	5.0	1.6	0.4	0.3	1.1	1.2	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	15.8
32872	34698	1970	1975	2.2	2.2	4.9	1.5	0.4	0.3	1.0	1.0	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	15.4
34698	36524	1975	1980	2.3	2.2	5.0	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	16.2
36524	37255	1980	1982	2.3	2.3	5.1	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	16.6
37255	37985	1982	1984	2.4	2.5	5.3	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.1
37985	38351	1984	1985	2.4	2.6	5.4	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.3
38351	38716	1985	1986	2.5	2.7	5.4	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.5
38716	39446	1986	1988	2.5	2.8	5.5	1.6	0.4	0.3	1.3	1.6	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.0
39446	39812	1988	1989	2.6	2.9	5.5	1.6	0.4	0.3	1.3	1.7	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.4
39812	40177	1989	1990	2.6	2.9	5.5	1.6	0.4	0.3	1.3	1.8	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.6
40177	40542	1990	1991	2.7	2.9	5.5	1.6	0.4	0.3	1.4	2.0	0.6	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.9	19.1
40542	40907	1991	1992	2.7	3.0	5.5	1.6	0.4	0.3	1.3	1.9	0.6	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.9	19.1
40907	41273	1992	1993	2.7	3.0	5.5	1.6	0.4	0.3	1.3	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.9	19.0
41273	41638	1993	1994	2.7	3.0	5.5	1.6	0.4	0.3	1.3	1.8	0.5	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.9	18.9
41638	42003	1994	1995	2.7	3.0	5.5	1.6	0.4	0.3	1.2	1.8	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.7
42003	42368	1995	1996	2.6	3.0	5.5	1.6	0.4	0.3	1.2	1.7	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.5
42368	42734	1996	1997	2.6	3.0	5.4	1.6	0.4	0.3	1.2	1.6	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.3
42734	43099	1997	1998	2.6	3.0	5.4	1.6	0.4	0.3	1.2	1.6	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.0
43099	43464	1998	1999	2.5	3.0	5.3	1.5	0.4	0.3	1.1	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	17.7
43464	43829	1999	2000	2.4	3.0	5.2	1.5	0.4	0.3	1.1	1.3	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	17.3
43829	44195	2000	2001	2.4	3.0	5.2	1.5	0.4	0.3	1.0	1.2	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	16.7
44195	44560	2001	2002	2.3	2.9	5.1	1.5	0.4	0.3	1.0	1.1	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	16.3
44560	44925	2002	2003	2.2	2.9	5.0	1.4	0.4	0.3	0.9	1.1	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	16.0
44925	45290	2003	2004	2.2	2.9	4.9	1.4	0.4	0.3	0.9	1.1	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	15.6
45290	45656	2004	2005	2.1	2.8	4.8	1.4	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	15.3
45656	46021	2005	2006	2.1	2.8	4.6	1.3	0.4	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	14.9
46021	46386	2006	2007	2.1	2.7	4.5	1.3	0.4	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.6
46386	46751	2007	2008	2.0	2.7	4.4	1.3	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.3
46751	47117	2008	2009	2.0	2.6	4.3	1.3	0.3	0.3	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.0
47117	47482	2009	2010	2.0	2.6	4.1	1.2	0.3	0.3	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.7
47482	47847	2010	2011	1.9	2.5	4.0	1.2	0.3	0.3	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.4
47847	48212	2011	2012	1.9	2.5	3.9	1.2	0.3	0.2	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.0
48212	48578	2012	2013	1.7	2.4	3.7	1.2	0.3	0.2	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.7
48578	48943	2013	2014	1.6	2.4	3.6	1.1	0.3	0.2	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.3

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (historical model)

				Simarloo															
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Flux
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)														
0	1	1880	1880	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
1	1827	1880	1885	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
1827	3653	1885	1890	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
3653	5479	1890	1895	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
5479	7305	1895	1900	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
7305	9131	1900	1905	4	37	50	65	45	25	7	4	10	2	33	13	33	159	487
9131	10957	1905	1910	4	37	50	65	45	25	7	4	10	2	33	13	33	159	488
10957	12783	1910	1915	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
12783	14609	1915	1920	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
14609	16436	1920	1925	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
16436	18262	1925	1930	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
18262	20088	1930	1935	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
20088	21914	1935	1940	4	37	50	65	45	25	7	4	10	2	33	13	34	160	490
21914	23741	1940	1945	4	37	50	65	45	25	7	4	11	2	33	14	34	160	492
23741	25567	1945	1950	4	37	50	65	45	26	7	4	11	2	33	14	35	161	495
25567	27393	1950	1955	4	37	50	65	45	26	7	4	11	2	33	14	35	161	497
27393	29219	1955	1960	4	37	50	65	46	26	7	4	12	3	35	16	49	180	534
29219	31046	1960	1965	4	39	51	65	48	28	7	4	13	3	40	17	54	222	596
31046	32872	1965	1970	4	42	52	66	55	41	7	5	14	8	74	25	87	722	1203
32872	34698	1970	1975	5	46	53	66	60	49	7	5	14	11	90	28	101	840	1374
34698	36524	1975	1980	5	48	53	66	62	52	7	5	15	12	95	29	106	892	1447
36524	37255	1980	1982	5	48	53	67	63	53	7	5	15	13	97	30	108	904	1467
37255	37985	1982	1984	5	49	53	67	64	53	7	5	15	13	98	31	110	917	1487
37985	38351	1984	1985	5	50	53	67	64	54	7	5	15	13	98	31	111	919	1492
38351	38716	1985	1986	5	50	53	67	64	54	7	5	15	13	99	31	111	922	1498
38716	39446	1986	1988	5	51	54	67	65	54	7	5	16	14	100	32	113	938	1519
39446	39812	1988	1989	5	51	54	67	65	55	7	5	16	14	100	32	114	944	1529
39812	40177	1989	1990	5	51	54	67	66	55	7	5	16	14	101	32	115	953	1541
40177	40542	1990	1991	5	53	54	67	72	95	7	5	17	35	149	34	120	964	1677
40542	40907	1991	1992	5	54	55	67	77	105	7	5	18	39	161	36	125	979	1732
40907	41273	1992	1993	5	56	55	67	79	108	8	5	18	40	165	37	127	983	1752
41273	41638	1993	1994	5	56	55	67	79	110	8	5	18	41	166	37	128	986	1762
41638	42003	1994	1995	5	57	55	68	80	110	8	5	19	41	167	37	129	978	1758
42003	42368	1995	1996	5	57	55	68	80	111	8	5	19	41	168	38	128	1000	1782
42368	42734	1996	1997	5	58	55	68	81	113	8	5	19	41	169	38	128	989	1777
42734	43099	1997	1998	5	58	55	68	82	113	8	5	19	42	169	38	127	971	1760
43099	43464	1998	1999	5	58	55	68	82	113	8	5	19	42	168	38	125	946	1732
43464	43829	1999	2000	5	59	55	68	82	113	8	5	19	41	166	37	123	923	1705
43829	44195	2000	2001	5	58	55	68	81	106	8	5	19	38	158	37	120	894	1651
44195	44560	2001	2002	5	58	55	68	80	104	8	5	19	37	154	36	116	865	1609
44560	44925	2002	2003	5	58	55	68	79	102	8	5	19	36	151	35	114	837	1572
44925	45290	2003	2004	5	58	55	68	79	101	8	5	18	36	148	35	111	814	1540
45290	45656	2004	2005	5	57	55	68	77	95	8	5	18	33	141	34	109	788	1494
45656	46021	2005	2006	5	57	55	68	76	93	8	5	18	32	138	34	106	766	1460
46021	46386	2006	2007	5	56	55	68	76	91	8	5	18	32	135	33	104	749	1435
46386	46751	2007	2008	5	56	55	68	75	90	8	5	18	31	134	33	102	736	1416
46751	47117	2008	2009	5	55	55	68	74	90	8	5	18	31	132	32	101	727	1401
47117	47482	2009	2010	5	55	55	68	74	89	8	5	18	31	131	32	100	720	1390
47482	47847	2010	2011	5	55	55	68	74	88	8	5	17	30	129	31	97	619	1282
47847	48212	2011	2012	5	54	54	67	73	87	8	5	17	30	124	30	89	510	1155
48212	48578	2012	2013	5	54	54	67	72	85	8	5	17	29	117	28	78	414	1033
48578	48943	2013	2014	5	53	54	67	71	82	8	5	17	27	110	27	68	363	958

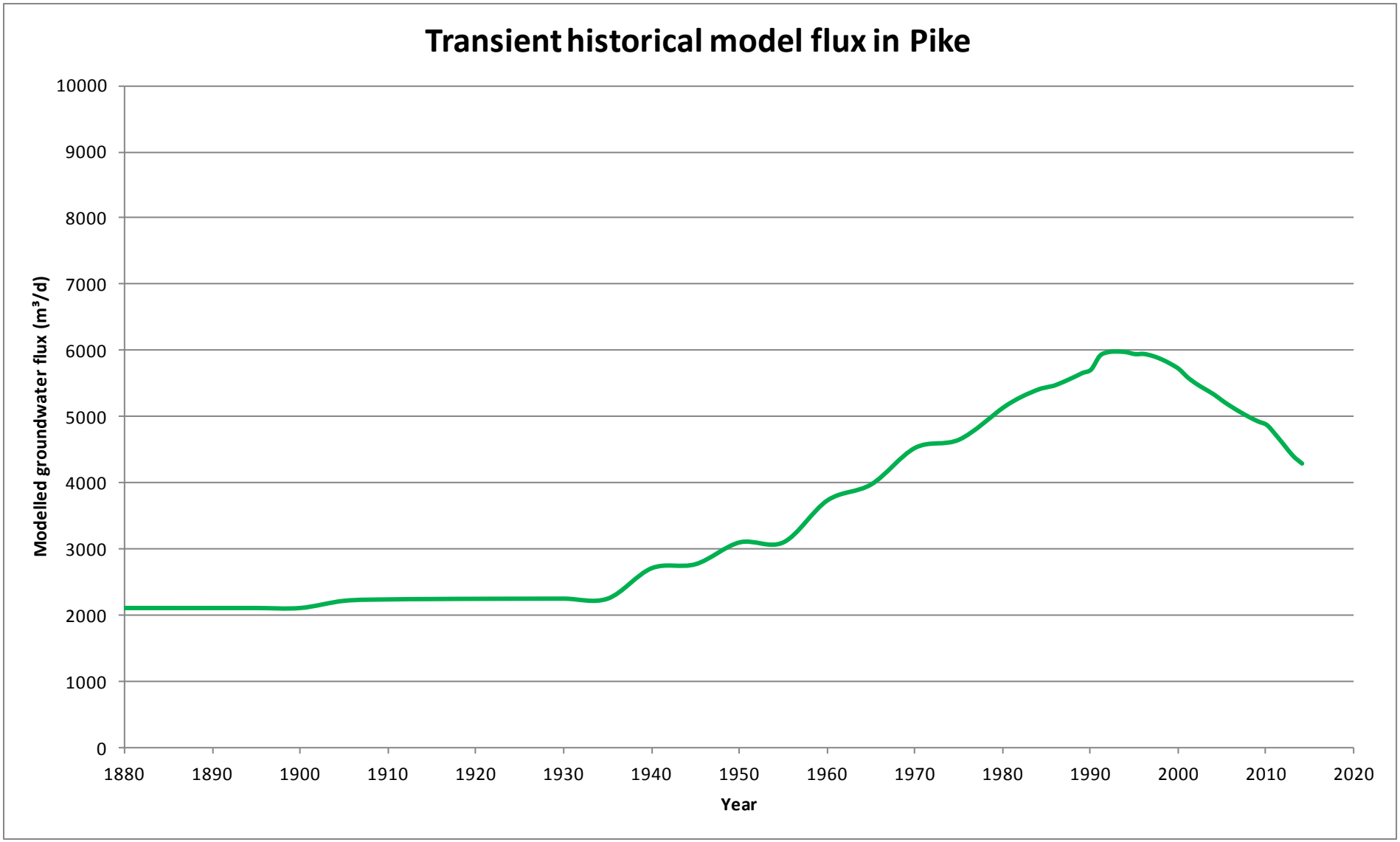
				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Salt Load
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)														
0	1	1880	1880	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
1	1827	1880	1885	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
1827	3653	1885	1890	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
3653	5479	1890	1895	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
5479	7305	1895	1900	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
7305	9131	1900	1905	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
9131	10957	1905	1910	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
10957	12783	1910	1915	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
12783	14609	1915	1920	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
14609	16436	1920	1925	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
16436	18262	1925	1930	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
18262	20088	1930	1935	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
20088	21914	1935	1940	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.6	13.2
21914	23741	1940	1945	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.6	13.3
23741	25567	1945	1950	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.7	13.4
25567	27393	1950	1955	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.6	4.7	13.4
27393	29219	1955	1960	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	1.0	0.4	0.8	5.2	14.3
29219	31046	1960	1965	0.1	1.1	1.4	1.8	1.3	0.8	0.2	0.1	0.3	0.1	1.1	0.5	0.9	6.4	16.0
31046	32872	1965	1970	0.1	1.2	1.4	1.8	1.5	1.1	0.2	0.1	0.4	0.2	2.0	0.7	1.4	20.9	33.0
32872	34698	1970	1975	0.1	1.2	1.4	1.8	1.6	1.3	0.2	0.1	0.4	0.3	2.5	0.8	1.6	24.3	37.7
34698	36524	1975	1980	0.1	1.3	1.4	1.8	1.7	1.4	0.2	0.1	0.4	0.3	2.6	0.8	1.7	25.8	39.7
36524	37255	1980	1982	0.1	1.3	1.4	1.8	1.7	1.4	0.2	0.1	0.4	0.3	2.6	0.8	1.7	26.2	40.3
37255	37985	1982	1984	0.1	1.3	1.5	1.8	1.7	1.5	0.2	0.1	0.4	0.4	2.7	0.8	1.7	26.5	40.8
37985	38351	1984	1985	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.8	1.7	26.6	40.9
38351	38716	1985	1986	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.8	1.7	26.7	41.1
38716	39446	1986	1988	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.9	1.8	27.1	41.7
39446	39812	1988	1989	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.9	1.8	27.3	41.9
39812	40177	1989	1990	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.8	0.9	1.8	27.6	42.3
40177	40542	1990	1991	0.1	1.4	1.5	1.8	2.0	2.6	0.2	0.1	0.5	1.0	4.1	0.9	1.9	27.9	45.9
40542	40907	1991	1992	0.1	1.5	1.5	1.8	2.1	2.9	0.2	0.1	0.5	1.1	4.4	1.0	2.0	28.3	47.4
40907	41273	1992	1993	0.1	1.5	1.5	1.8	2.1	3.0	0.2	0.1	0.5	1.1	4.5	1.0	2.0	28.4	47.9
41273	41638	1993	1994	0.1	1.5	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.5	1.0	2.0	28.5	48.2
41638	42003	1994	1995	0.1	1.5	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.6	1.0	2.0	28.3	48.1
42003	42368	1995	1996	0.1	1.6	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.6	1.0	2.0	28.9	48.8
42368	42734	1996	1997	0.1	1.6	1.5	1.8	2.2	3.1	0.2	0.1	0.5	1.1	4.6	1.0	2.0	28.6	48.6
42734	43099	1997	1998	0.1	1.6	1.5	1.8	2.2	3.1	0.2	0.1	0.5	1.1	4.6	1.0	2.0	28.1	48.1
43099	43464	1998	1999	0.1	1.6	1.5	1.8	2.2	3.1	0.2	0.1	0.5	1.1	4.6	1.0	2.0	27.4	47.4
43464	43829	1999	2000	0.1	1.6	1.5	1.8	2.2	3.1	0.2	0.1	0.5	1.1	4.5	1.0	1.9	26.7	46.6
43829	44195	2000	2001	0.1	1.6	1.5	1.8	2.2	2.9	0.2	0.1	0.5	1.0	4.3	1.0	1.9	25.9	45.1
44195	44560	2001	2002	0.1	1.6	1.5	1.8	2.2	2.8	0.2	0.1	0.5	1.0	4.2	1.0	1.8	25.0	44.0
44560	44925	2002	2003	0.1	1.6	1.5	1.8	2.2	2.8	0.2	0.1	0.5	1.0	4.1	1.0	1.8	24.2	42.9
44925	45290	2003	2004	0.1	1.6	1.5	1.8	2.1	2.8	0.2	0.1	0.5	1.0	4.0	0.9	1.7	23.5	42.1
45290	45656	2004	2005	0.1	1.6	1.5	1.8	2.1	2.6	0.2	0.1	0.5	0.9	3.8	0.9	1.7	22.8	40.8
45656	46021	2005	2006	0.1	1.5	1.5	1.8	2.1	2.5	0.2	0.1	0.5	0.9	3.8	0.9	1.7	22.1	39.8
46021	46386	2006	2007	0.1	1.5	1.5	1.8	2.1	2.5	0.2	0.1	0.5	0.9	3.7	0.9	1.6	21.7	39.2
46386	46751	2007	2008	0.1	1.5	1.5	1.8	2.0	2.5	0.2	0.1	0.5	0.9	3.6	0.9	1.6	21.3	38.6
46751	47117	2008	2009	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.6	0.9	1.6	21.0	38.2
47117	47482	2009	2010	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.6	0.9	1.6	20.8	37.9
47482	47847	2010	2011	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.5	0.9	1.5	17.9	34.9
47847	48212	2011	2012	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.4	0.8	1.4	14.8	31.3
48212	48578	2012	2013	0.1	1.5	1.5	1.8	2.0	2.3	0.2	0.1	0.5	0.8	3.2	0.8	1.2	12.0	28.0
48578	48943	2013	2014	0.1	1.5	1.5	1.8	1.9	2.2	0.2	0.1	0.5	0.7	3.0	0.7	1.1	10.5	25.9

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (historical model)

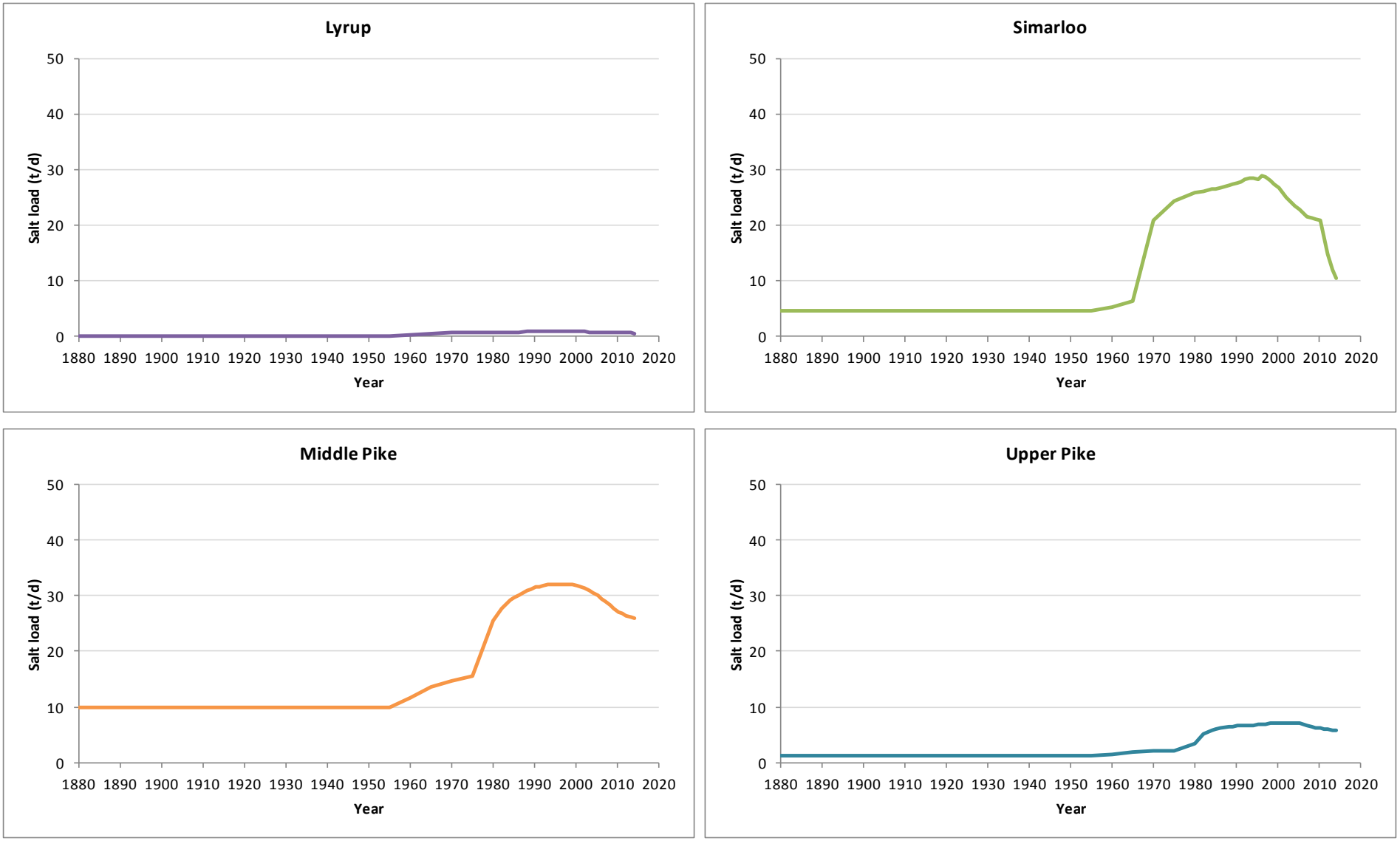
				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Flux
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)								
0	1	1880	1880	0	827	78	4	128	218	38	237	1530
1	1827	1880	1885	0	827	78	4	128	218	38	237	1530
1827	3653	1885	1890	0	827	78	4	128	218	38	237	1530
3653	5479	1890	1895	0	827	78	4	128	218	38	237	1530
5479	7305	1895	1900	0	827	78	4	128	218	38	237	1530
7305	9131	1900	1905	0	827	78	4	128	218	38	237	1530
9131	10957	1905	1910	0	827	78	4	128	218	38	237	1530
10957	12783	1910	1915	0	827	78	4	128	218	38	237	1530
12783	14609	1915	1920	0	827	78	4	128	218	38	237	1530
14609	16436	1920	1925	0	827	78	4	128	218	38	237	1530
16436	18262	1925	1930	0	827	78	4	128	218	38	237	1530
18262	20088	1930	1935	0	827	78	4	128	218	38	237	1530
20088	21914	1935	1940	0	827	78	4	128	218	38	237	1530
21914	23741	1940	1945	0	827	78	4	128	218	38	237	1530
23741	25567	1945	1950	0	827	78	4	128	218	38	237	1530
25567	27393	1950	1955	0	827	78	4	128	218	38	237	1530
27393	29219	1955	1960	0	827	78	4	128	218	48	278	1581
29219	31046	1960	1965	0	827	78	4	128	219	57	326	1640
31046	32872	1965	1970	0	827	78	4	128	220	63	349	1670
32872	34698	1970	1975	0	827	78	4	129	221	67	369	1696
34698	36524	1975	1980	0	827	78	5	130	223	104	609	1977
36524	37255	1980	1982	0	827	78	5	130	224	157	659	2080
37255	37985	1982	1984	0	827	79	5	131	226	178	694	2139
37985	38351	1984	1985	0	827	79	5	131	226	185	707	2160
38351	38716	1985	1986	0	827	79	5	131	227	190	718	2177
38716	39446	1986	1988	0	827	79	5	132	228	198	736	2204
39446	39812	1988	1989	0	827	79	5	132	228	201	743	2215
39812	40177	1989	1990	0	827	79	5	132	228	204	750	2225
40177	40542	1990	1991	0	827	79	5	132	229	206	755	2232
40542	40907	1991	1992	0	827	79	5	132	229	207	758	2238
40907	41273	1992	1993	0	827	79	5	132	229	209	761	2242
41273	41638	1993	1994	0	827	79	5	132	229	210	762	2245
41638	42003	1994	1995	0	827	79	5	132	230	211	763	2246
42003	42368	1995	1996	0	827	79	5	133	230	211	763	2248
42368	42734	1996	1997	0	828	79	5	133	230	214	763	2251
42734	43099	1997	1998	0	828	79	5	133	231	217	763	2256
43099	43464	1998	1999	0	828	79	5	134	232	221	763	2261
43464	43829	1999	2000	0	828	79	5	134	232	220	758	2256
43829	44195	2000	2001	0	828	79	6	134	233	219	753	2251
44195	44560	2001	2002	0	828	79	6	134	233	221	746	2247
44560	44925	2002	2003	0	828	79	6	135	233	222	737	2240
44925	45290	2003	2004	0	828	79	6	135	234	221	728	2230
45290	45656	2004	2005	0	828	79	6	135	234	218	716	2215
45656	46021	2005	2006	0	828	79	6	135	234	213	703	2197
46021	46386	2006	2007	0	828	79	6	135	234	206	689	2175
46386	46751	2007	2008	0	828	79	6	135	233	199	673	2153
46751	47117	2008	2009	0	828	79	6	135	233	195	658	2132
47117	47482	2009	2010	0	828	79	6	134	233	191	646	2116
47482	47847	2010	2011	0	828	79	6	134	232	188	637	2104
47847	48212	2011	2012	0	831	79	5	134	232	185	630	2097
48212	48578	2012	2013	0	831	79	5	134	232	182	624	2087
48578	48943	2013	2014	0	831	79	5	134	231	178	619	2078

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Salt Load
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)								
0	1	1880	1880	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
1	1827	1880	1885	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
1827	3653	1885	1890	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
3653	5479	1890	1895	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
5479	7305	1895	1900	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
7305	9131	1900	1905	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
9131	10957	1905	1910	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
10957	12783	1910	1915	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
12783	14609	1915	1920	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
14609	16436	1920	1925	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
16436	18262	1925	1930	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
18262	20088	1930	1935	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
20088	21914	1935	1940	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
21914	23741	1940	1945	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
23741	25567	1945	1950	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
25567	27393	1950	1955	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
27393	29219	1955	1960	0.0	0.8	0.1	0.0	0.1	5.3	1.5	11.7	19.4
29219	31046	1960	1965	0.0	0.8	0.1	0.0	0.1	5.3	1.8	13.7	21.8
31046	32872	1965	1970	0.0	0.8	0.1	0.0	0.1	5.3	2.0	14.6	22.9
32872	34698	1970	1975	0.0	0.8	0.1	0.0	0.1	5.3	2.1	15.5	24.0
34698	36524	1975	1980	0.0	0.8	0.1	0.0	0.1	5.4	3.4	25.6	35.3
36524	37255	1980	1982	0.0	0.8	0.1	0.0	0.1	5.4	5.0	27.7	39.1
37255	37985	1982	1984	0.0	0.8	0.1	0.0	0.1	5.5	5.7	29.1	41.3
37985	38351	1984	1985	0.0	0.8	0.1	0.0	0.1	5.5	6.0	29.7	42.1
38351	38716	1985	1986	0.0	0.8	0.1	0.0	0.1	5.5	6.1	30.2	42.7
38716	39446	1986	1988	0.0	0.8	0.1	0.0	0.1	5.5	6.4	30.9	43.7
39446	39812	1988	1989	0.0	0.8	0.1	0.0	0.1	5.5	6.5	31.2	44.1
39812	40177	1989	1990	0.0	0.8	0.1	0.0	0.1	5.5	6.6	31.5	44.5
40177	40542	1990	1991	0.0	0.8	0.1	0.0	0.1	5.5	6.6	31.7	44.8
40542	40907	1991	1992	0.0	0.8	0.1	0.0	0.1	5.5	6.7	31.8	45.0
40907	41273	1992	1993	0.0	0.8	0.1	0.0	0.1	5.5	6.7	31.9	45.2
41273	41638	1993	1994	0.0	0.8	0.1	0.0	0.1	5.5	6.8	32.0	45.3
41638	42003	1994	1995	0.0	0.8	0.1	0.0	0.1	5.6	6.8	32.0	45.3
42003	42368	1995	1996	0.0	0.8	0.1	0.0	0.1	5.6	6.8	32.0	45.4
42368	42734	1996	1997	0.0	0.8	0.1	0.0	0.1	5.6	6.9	32.0	45.4
42734	43099	1997	1998	0.0	0.8	0.1	0.0	0.1	5.6	7.0	32.0	45.6
43099	43464	1998	1999	0.0	0.8	0.1	0.0	0.1	5.6	7.1	32.0	45.7
43464	43829	1999	2000	0.0	0.8	0.1	0.0	0.1	5.6	7.1	31.8	45.5
43829	44195	2000	2001	0.0	0.8	0.1	0.0	0.1	5.6	7.1	31.6	45.3
44195	44560	2001	2002	0.0	0.8	0.1	0.0	0.1	5.6	7.1	31.3	45.0
44560	44925	2002	2003	0.0	0.8	0.1	0.0	0.1	5.6	7.2	31.0	44.7
44925	45290	2003	2004	0.0	0.8	0.1	0.0	0.1	5.7	7.1	30.6	44.3
45290	45656	2004	2005	0.0	0.8	0.1	0.0	0.1	5.7	7.0	30.1	43.7
45656	46021	2005	2006	0.0	0.8	0.1	0.0	0.1	5.7	6.9	29.5	43.0
46021	46386	2006	2007	0.0	0.8	0.1	0.0	0.1	5.6	6.6	28.9	42.2
46386	46751	2007	2008	0.0	0.8	0.1	0.0	0.1	5.6	6.4	28.3	41.3
46751	47117	2008	2009	0.0	0.8	0.1	0.0	0.1	5.6	6.3	27.6	40.5
47117	47482	2009	2010	0.0	0.8	0.1	0.0	0.1	5.6	6.2	27.1	39.9
47482	47847	2010	2011	0.0	0.8	0.1	0.0	0.1	5.6	6.1	26.7	39.4
47847	48212	2011	2012	0.0	0.8	0.1	0.0	0.1	5.6	6.0	26.5	39.0
48212	48578	2012	2013	0.0	0.8	0.1	0.0	0.1	5.6	5.9	26.2	38.6
48578	48943	2013	2014	0.0	0.8	0.1	0.0	0.1	5.6	5.7	26.0	38.3

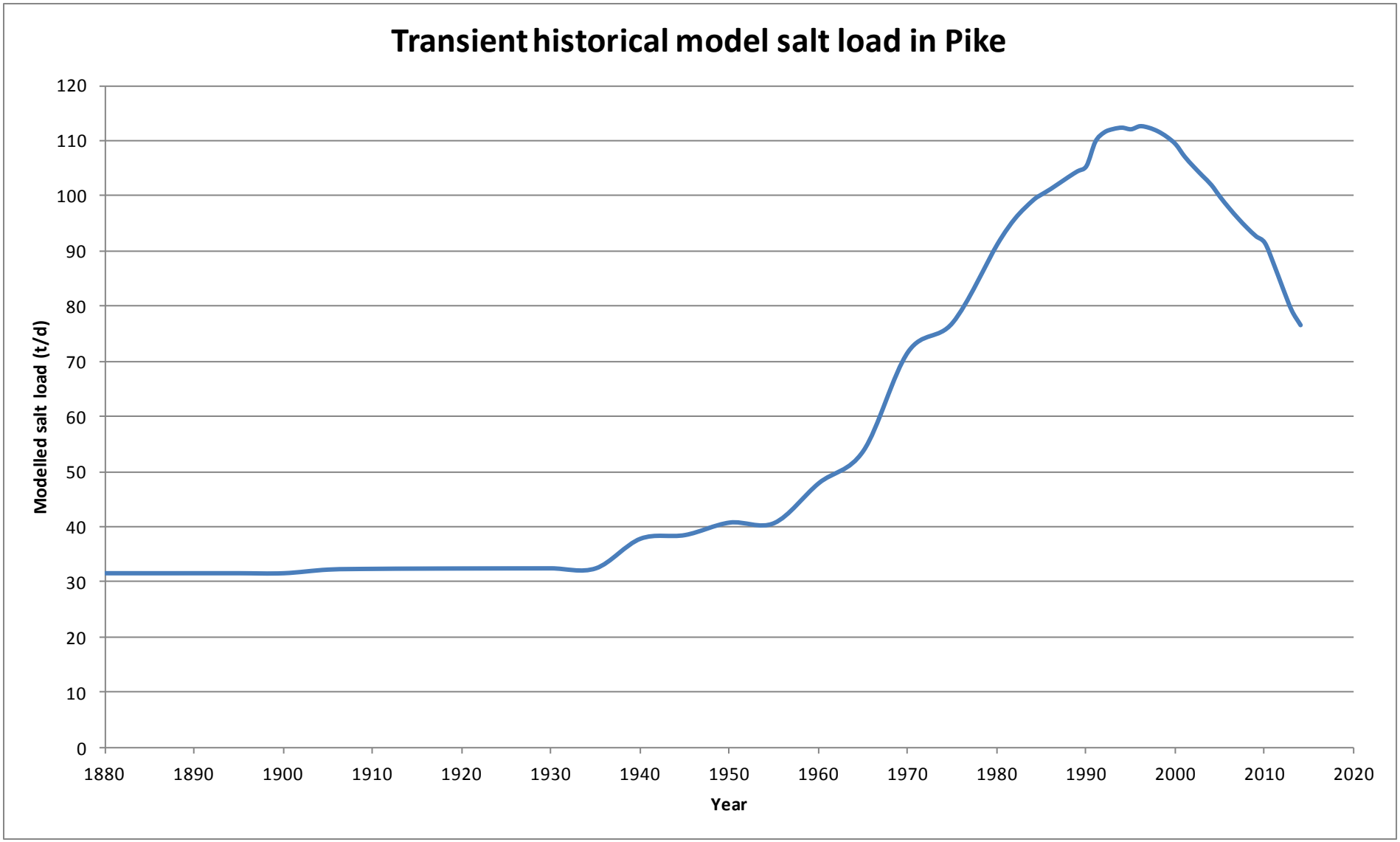
B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (historical model)



B-3. Graph of modelled groundwater flux (m^3/d) entering the River Murray in Pike (historical model)



B-3. Graph of modelled groundwater salt load (t/d) entering the River Murray in Pike (historical model)



B-3. Graph of modelled groundwater salt load (t/d) entering the River Murray in Pike (historical model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
0	1	1880	1880	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1827	1880	1885	0	0	0	0	0	0	0	0	0	0	0	0	0
1827	3653	1885	1890	0	0	0	0	0	0	0	0	0	0	0	0	0
3653	5479	1890	1895	0	0	0	0	0	0	0	0	0	0	0	0	0
5479	7305	1895	1900	0	0	0	0	0	0	0	0	0	0	0	0	0
7305	9131	1900	1905	0	0	0	0	0	0	0	0	0	0	0	0	0
9131	10957	1905	1910	0	0	0	0	0	0	0	0	0	0	0	0	0
10957	12783	1910	1915	0	0	0	0	0	0	0	0	0	0	0	0	0
12783	14609	1915	1920	0	0	0	0	0	0	0	0	0	0	0	0	0
14609	16436	1920	1925	0	0	0	0	0	0	0	0	0	0	0	0	0
16436	18262	1925	1930	0	0	0	0	0	0	0	0	0	0	0	0	0
18262	20088	1930	1935	0	0	0	0	0	0	0	0	0	0	0	0	0
20088	21914	1935	1940	0	0	0	0	0	0	0	0	0	0	0	0	0
21914	23741	1940	1945	0	0	0	0	0	0	0	0	0	0	0	0	0
23741	25567	1945	1950	0	0	0	0	0	0	0	0	0	0	0	0	0
25567	27393	1950	1955	0	0	0	0	0	0	0	0	0	0	0	0	0
27393	29219	1955	1960	0	0	0	0	0	0	0	0	0	0	0	0	0
29219	31046	1960	1965	0	0	0	0	0	0	0	0	0	0	0	0	0
31046	32872	1965	1970	0	0	0	0	0	0	0	0	0	0	0	0	0
32872	34698	1970	1975	0	0	67	41	0	0	0	0	0	0	0	0	108
34698	36524	1975	1980	0	0	73	46	0	0	0	0	0	0	0	0	119
36524	37255	1980	1982	6	0	85	53	0	0	0	0	0	0	0	0	144
37255	37985	1982	1984	7	0	91	57	0	0	0	0	0	0	0	0	154
37985	38351	1984	1985	7	0	92	58	0	0	0	0	0	0	0	0	157
38351	38716	1985	1986	6	0	78	57	0	0	0	0	0	0	0	0	141
38716	39446	1986	1988	6	0	79	58	0	0	0	0	0	0	0	0	142
39446	39812	1988	1989	6	0	79	59	0	0	0	0	0	0	0	0	144
39812	40177	1989	1990	6	0	80	59	0	0	0	0	0	0	0	0	145
40177	40542	1990	1991	7	0	93	68	0	0	0	0	0	0	0	0	168
40542	40907	1991	1992	8	0	104	76	0	0	0	0	0	0	0	0	188
40907	41273	1992	1993	8	0	111	81	0	0	0	0	0	0	0	0	199
41273	41638	1993	1994	9	0	115	84	0	0	0	0	0	0	0	0	207
41638	42003	1994	1995	9	0	118	86	0	0	0	0	0	0	0	0	213
42003	42368	1995	1996	9	0	120	88	0	0	0	0	0	0	0	0	217
42368	42734	1996	1997	9	0	122	89	0	0	0	0	0	0	0	0	221
42734	43099	1997	1998	10	0	123	91	0	0	0	0	0	0	0	0	224
43099	43464	1998	1999	10	0	125	92	0	0	0	0	0	0	0	0	227
43464	43829	1999	2000	10	0	126	93	0	0	0	0	0	0	0	0	230
43829	44195	2000	2001	5	0	102	66	0	0	0	0	0	0	0	4	177
44195	44560	2001	2002	5	0	101	66	0	0	0	0	0	0	0	10	183
44560	44925	2002	2003	4	0	88	65	1	0	0	0	0	0	0	14	172
44925	45290	2003	2004	4	0	88	66	2	0	0	0	0	0	0	16	176
45290	45656	2004	2005	4	0	83	58	3	0	0	0	0	0	0	18	166
45656	46021	2005	2006	4	0	83	59	3	0	0	0	0	0	0	19	168
46021	46386	2006	2007	4	0	83	59	3	0	0	0	0	0	0	20	170
46386	46751	2007	2008	4	0	84	60	3	0	0	0	0	0	0	20	171
46751	47117	2008	2009	4	0	84	60	3	0	0	0	0	0	0	20	172
47117	47482	2009	2010	4	0	84	60	4	0	0	0	0	0	0	21	173
47482	47847	2010	2011	4	0	84	60	4	0	0	0	0	0	0	21	173
47847	48212	2011	2012	4	0	85	61	4	0	0	0	0	0	0	21	174
48212	48578	2012	2013	4	0	85	61	4	0	0	0	0	0	0	20	175
48578	48943	2013	2014	5	0	85	61	4	0	0	0	0	0	0	20	175

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
0	1	1880	1880	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	1827	1880	1885	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1827	3653	1885	1890	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3653	5479	1890	1895	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5479	7305	1895	1900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7305	9131	1900	1905	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9131	10957	1905	1910	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10957	12783	1910	1915	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12783	14609	1915	1920	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14609	16436	1920	1925	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16436	18262	1925	1930	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18262	20088	1930	1935	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20088	21914	1935	1940	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21914	23741	1940	1945	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23741	25567	1945	1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25567	27393	1950	1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27393	29219	1955	1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29219	31046	1960	1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31046	32872	1965	1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32872	34698	1970	1975	0.0	0.0	1.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
34698	36524	1975	1980	0.0	0.0	1.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
36524	37255	1980	1982	0.1	0.0	1.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
37255	37985	1982	1984	0.1	0.0	1.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
37985	38351	1984	1985	0.1	0.0	1.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
38351	38716	1985	1986	0.1	0.0	1.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
38716	39446	1986	1988	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
39446	39812	1988	1989	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
39812	40177	1989	1990	0.1	0.0	1.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
40177	40542	1990	1991	0.1	0.0	1.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
40542	40907	1991	1992	0.2	0.0	2.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
40907	41273	1992	1993	0.2	0.0	2.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
41273	41638	1993	1994	0.2	0.0	2.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
41638	42003	1994	1995	0.2	0.0	2.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
42003	42368	1995	1996	0.2	0.0	2.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
42368	42734	1996	1997	0.2	0.0	2.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
42734	43099	1997	1998	0.2	0.0	2.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
43099	43464	1998	1999	0.2	0.0	2.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
43464	43829	1999	2000	0.2	0.0	2.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
43829	44195	2000	2001	0.1	0.0	2.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.5
44195	44560	2001	2002	0.1	0.0	2.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	3.7
44560	44925	2002	2003	0.1	0.0	1.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	3.5
44925	45290	2003	2004	0.1	0.0	1.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.6
45290	45656	2004	2005	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.5
45656	46021	2005	2006	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.5
46021	46386	2006	2007	0.1	0.0	1.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.5
46386	46751	2007	2008	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
46751	47117	2008	2009	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
47117	47482	2009	2010	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
47482	47847	2010	2011	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
47847	48212	2011	2012	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
48212	48578	2012	2013	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
48578	48943	2013	2014	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (historical model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																															
0	1	1880	1880	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
1	1827	1880	1885	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
1827	3653	1885	1890	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
3653	5479	1890	1895	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
5479	7305	1895	1900	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
7305	9131	1900	1905	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
9131	10957	1905	1910	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
10957	12783	1910	1915	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
12783	14609	1915	1920	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
14609	16436	1920	1925	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
16436	18262	1925	1930	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
18262	20088	1930	1935	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
20088	21914	1935	1940	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
21914	23741	1940	1945	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
23741	25567	1945	1950	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	42	96
25567	27393	1950	1955	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	44	98
27393	29219	1955	1960	0	0	0	1	26	8	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	45	99
29219	31046	1960	1965	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	0	0	0	0	5	45	122
31046	32872	1965	1970	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	0	0	0	6	45	126
32872	34698	1970	1975	0	0	0	1	28	9	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	16	0	0	0	1	58	45	253
34698	36524	1975	1980	0	0	0	1	35	13	32	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	84	22	0	0	0	5	80	46	323
36524	37255	1980	1982	0	0	1	2	84	45	141	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	119	43	5	0	34	10	128	47	671
37255	37985	1982	1984	0	0	1	3	98	51	157	10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	131	50	6	0	36	16	148	48	768
37985	38351	1984	1985	0	0	1	3	102	51	157	11	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	131	53	6	0	36	18	150	49	782
38351	38716	1985	1986	0	0	1	5	191	83	221	14	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	132	54	6	0	36	20	160	51	988
38716	39446	1986	1988	1	0	3	9	269	113	286	22	1	0	0	0	0	0	0	0	0	1	0	0	0	3	13	132	56	6	0	36	29	183	56	1218
39446	39812	1988	1989	1	0	4	10	287	118	296	24	1	0	0	0	0	0	0	0	0	1	0	0	0	4	14	130	57	6	0	36	32	188	60	1269
39812	40177	1989	1990	2	0	5	10	298	121	301	25	2	0	0	0	0	0	0	0	1	2	0	0	0	4	13	126	57	6	0	36	35	189	64	1298
40177	40542	1990	1991	16	0	5	12	323	142	414	34	2	0	0	0	0	0	0	0	1	2	0	0	0	4	14	149	71	7	0	37	37	201	152	1623
40542	40907	1991	1992	21	0	6	12	337	148	428	37	2	0	0	0	0	0	0	0	1	2	0	0	0	5	16	159	79	7	0	39	40	214	173	1727
40907	41273	1992	1993	23	0	7	13	346	151	436	39	3	0	0	0	0	0	0	0	1	2	0	0	0	6	18	165	84	8	0	41	43	224	184	1795
41273	41638	1993	1994	25	0	8	14	353	154	443	41	3	0	0	0	0	0	0	0	1	3	0	0	0	6	19	170	88	8	0	42	46	232	192	1846
41638	42003	1994	1995	26	0	8	14	359	156	447	42	3	0	0	0	0	0	0	0	1	3	0	0	0	6	20	174	91	8	0	43	47	238	193	1882
42003	42368	1995	1996	27	0	9	15	397	167	461	43	4	0	0	0	0	0	0	0	1	3	0	0	0	7	21	177	93	8	0	43	49	244	238	2008
42368	42734	1996	1997	28	0	9	16	404	170	467	43	4	0	0	0	0	0	0	0	1	3	0	0	0	7	21	180	95	9	0	44	50	248	250	2051
42734	43099	1997	1998	29	0	9	16	409	172	471	44	4	0	0	0	0	0	0	0	2	3	0	0	0	7	22	182	97	9	0	44	51	252	257	2082
43099	43464	1998	1999	29	0	10	17	413	173	474	45	4	0	0	0	0	0	0	0	2	3	0	0	0	7	22	182	98	9	0	44	52	253	262	2100
43464	43829	1999	2000	30	0	10	17	416	175	477	45	4	0	0	0	0	0	0	0	2	3	0	0	0	8	22	183	99	9	0	45	53	254	266	2117
43829	44195	2000	2001	30	0	10	18	444	181	482	46	4	0	0	0	0	0	0	1	2	4	0	0	0	8	23	190	123	8	0	31	53	259	259	2175
44195	44560	2001	2002	30	0	11	18	460	186	491	46	5	0	0	0	0	0	0	1	2	4	0	0	0	8	23	194	130	8	0	31	54	262	249	2211
44560	44925	2002	2003	30	0	11	16	354	137	324	37	4	0	0	0	0	0	0	1	2	4	0	0	0	8	23	193	132	8	0	31	54	250	238	1857
44925	45290	2003	2004	29	0	11	14	301	114	268	31	4	0	0	0	0	0	0	1	2	3	0	0	0	8	21	189	133	8	0	31	49	226	226	1667
45290	45656	2004	2005	27	0	10	13	274	102	238	26	3	0	0	0	0	0	0	0	1	3	0	0	0	7	18	183	133	8	0	31	43	203	221	1545
45656	46021	2005	2006	25	0	9	12	257	95	220	23	2	0	0	0	0	0	0	0	1	3	0	0	0	6	15	176	133	8	0	31	38	184	230	1470
46021	46386	2006	2007	24	0	9	12	246	90	208	21	2	0	0	0	0	0	0	0	1	2	0	0	0	5	13	168	132	8	0	31	35	171	229	1407
46386	46751	2007	2008	23	0	9	11	239	86	198	19	2	0	0	0	0	0	0	0	1	2	0	0	0	4	10	161	132	8	0	31	32	158	223	1349
46751	47117	2008	2009	22	0	9	11	232	83	189	18	1	0	0	0	0	0	0	0	1	2	0	0	0	4	8	153	131	8	0	31	30	147	214	1293
47117	47482	2009	2010	21	0	9	11	226	80	180	17	1	0	0	0	0	0	0	0	0	1	0	0	0	3	6	146	130	8	0	31	28	135	201	1234
47482	47847	2010	2011	20	0	9	11	221	77	173	16	1	0	0	0	0	0	0	0	0	1	0	0	0	3	4	139	129	8	0	31	26	126	196	1192
47847	48212	2011	2012	19	0	9	11	223	78	178	15	1	0	0	0	0	0	0	0	0	1	0	0	0	2	3	145	136	9	0	35	25	122	197	1209
48212	48578	2012	2013	19	0	9	10	221	77	175	15	1	0	0	0	0	0	0	0	0	1	0	0	0	2	3	146	139	9	0	35	24	119	196	1201
48578	48943	2013	2014	19	0	8	10	220	76	173	14	1	0	0	0	0	0	0	0	0	1	0	0	0	2	3	146	140	9	0	35	23	116	196	1194

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (historical model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																																
0	1	1880	1880	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
1	1827	1880	1885	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
1827	3653	1885	1890	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
3653	5479	1890	1895	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
5479	7305	1895	1900	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
7305	9131	1900	1905	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
9131	10957	1905	1910	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
10957	12783	1910	1915	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
12783	14609	1915	1920	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
14609	16436	1920	1925	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
16436	18262	1925	1930	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
18262	20088	1930	1935	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
20088	21914	1935	1940	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
21914	23741	1940	1945	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
23741	25567	1945	1950	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
25567	27393	1950	1955	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
27393	29219	1955	1960	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
29219	31046	1960	1965	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.2	0.4	2.3
31046	32872	1965	1970	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.2	0.4	2.4
32872	34698	1970	1975	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.3	0.0	0.0	0.0	0.0	1.7	0.4	6.5
34698	36524	1975	1980	0.0	0.0	0.0	0.0	0.7	0.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.3	0.5	0.0	0.0	0.0	0.0	2.3	0.4	8.4
36524	37255	1980	1982	0.0	0.0	0.0	0.0	1.6	0.7	3.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	4.6	0.9	0.1	0.0	0.7	0.1	3.7	0.4	16.8
37255	37985	1982	1984	0.0	0.0	0.0	0.1	1.9	0.9	3.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.1	0.1	0.0	0.7	0.1	4.3	0.4	19.2
37985	38351	1984	1985	0.0	0.0	0.0	0.1	2.0	0.9	3.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.1	0.1	0.0	0.7	0.2	4.4	0.4	19.5
38351	38716	1985	1986	0.0	0.0	0.0	0.1	3.8	1.4	5.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.2	0.1	0.0	0.7	0.2	4.7	0.4	23.8
38716	39446	1986	1988	0.0	0.0	0.0	0.2	5.3	1.9	7.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	5.1	1.2	0.1	0.0	0.7	0.2	5.4	0.5	28.6
39446	39812	1988	1989	0.0	0.0	0.0	0.2	5.7	2.0	7.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	5.1	1.2	0.1	0.0	0.7	0.3	5.5	0.5	29.6
39812	40177	1989	1990	0.0	0.0	0.0	0.2	5.9	2.0	7.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.5	4.9	1.2	0.1	0.0	0.7	0.3	5.5	0.6	30.0
40177	40542	1990	1991	0.1	0.0	0.0	0.2	6.4	2.4	10.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.6	5.8	1.5	0.1	0.0	0.7	0.3	5.9	1.3	36.3
40542	40907	1991	1992	0.2	0.0	0.1	0.2	6.6	2.5	10.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.6	6.2	1.7	0.1	0.0	0.8	0.3	6.3	1.5	38.4
40907	41273	1992	1993	0.2	0.0	0.1	0.3	6.8	2.5	10.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.7	6.4	1.8	0.1	0.0	0.8	0.4	6.6	1.6	39.9
41273	41638	1993	1994	0.2	0.0	0.1	0.3	7.0	2.6	10.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.7	6.6	1.9	0.2	0.0	0.8	0.4	6.8	1.7	41.0
41638	42003	1994	1995	0.2	0.0	0.1	0.3	7.1	2.6	11.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	6.8	2.0	0.2	0.0	0.8	0.4	7.0	1.7	41.8
42003	42368	1995	1996	0.2	0.0	0.1	0.3	7.8	2.8	11.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	6.9	2.0	0.2	0.0	0.8	0.4	7.1	2.1	43.9
42368	42734	1996	1997	0.2	0.0	0.1	0.3	8.0	2.9	11.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	7.0	2.1	0.2	0.0	0.9	0.4	7.3	2.2	44.8
42734	43099	1997	1998	0.3	0.0	0.1	0.3	8.1	2.9	11.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.1	2.1	0.2	0.0	0.9	0.4	7.4	2.2	45.4
43099	43464	1998	1999	0.3	0.0	0.1	0.3	8.1	2.9	11.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.1	2.1	0.2	0.0	0.9	0.4	7.4	2.3	45.7
43464	43829	1999	2000	0.3	0.0	0.1	0.3	8.2	2.9	11.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.1	2.1	0.2	0.0	0.9	0.4	7.4	2.3	46.0
43829	44195	2000	2001	0.3	0.0	0.1	0.3	8.8	3.0	11.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.4	2.6	0.2	0.0	0.6	0.4	7.6	2.3	47.5
44195	44560	2001	2002	0.3	0.0	0.1	0.4	9.1	3.1	12.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.6	2.8	0.2	0.0	0.6	0.5	7.7	2.2	48.4
44560	44925	2002	2003	0.3	0.0	0.1	0.3	7.0	2.3	7.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.5	2.9	0.2	0.0	0.6	0.4	7.3	2.1	40.9
44925	45290	2003	2004	0.3	0.0	0.1	0.3	5.9	1.9	6.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	7.4	2.9	0.2	0.0	0.6	0.4	6.6	2.0	36.8
45290	45656	2004	2005	0.2	0.0	0.1	0.3	5.4	1.7	5.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.7	7.1	2.9	0.2	0.0	0.6	0.4	5.9	1.9	34.0
45656	46021	2005	2006	0.2	0.0	0.1	0.2	5.1	1.6	5.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.6	6.8	2.9	0.2	0.0	0.6	0.3	5.4	2.0	32.1
46021	46386	2006	2007	0.2	0.0	0.1	0.2	4.9	1.5	5.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.5	6.6	2.9	0.2	0.0	0.6	0.3	5.0	2.0	30.5
46386	46751	2007	2008	0.2	0.0	0.1	0.2	4.7	1.4	4.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.4	6.3	2.8	0.2	0.0	0.6	0.3	4.6	1.9	29.2
46751	47117	2008	2009	0.2	0.0	0.1	0.2	4.6	1.4	4.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.3	6.0	2.8	0.2	0.0	0.6	0.3	4.3	1.9	27.8
47117	47482	2009	2010	0.2	0.0	0.1	0.2	4.4	1.3	4.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.2	5.7	2.8	0.2	0.0	0.6	0.2	4.0	1.7	26.5
47482	47847	2010	2011	0.2	0.0	0.1	0.2	4.4	1.3	4.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	5.4	2.8	0.2	0.0	0.6	0.2	3.7	1.7	25.5
47847	48212	2011	2012	0.2	0.0	0.1	0.2	4.4	1.3	4.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.6	2.9	0.2	0.0	0.7	0.2	3.6	1.7	25.9
48212	48578	2012	2013	0.2	0.0	0.1	0.2	4.4	1.3	4.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.7	3.0	0.2	0.0	0.7	0.2	3.5	1.7	25.8
48578	48943	2013	2014	0.2	0.0	0.1	0.2	4.3	1.3	4.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.7	3.0	0.2	0.0	0.7	0.2	3.4	1.7	25.6

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (historical model)

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
0	1	1880	1880	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
1	1827	1880	1885	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
1827	3653	1885	1890	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
3653	5479	1890	1895	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
5479	7305	1895	1900	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
7305	9131	1900	1905	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
9131	10957	1905	1910	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
10957	12783	1910	1915	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
12783	14609	1915	1920	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
14609	16436	1920	1925	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
16436	18262	1925	1930	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
18262	20088	1930	1935	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
20088	21914	1935	1940	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
21914	23741	1940	1945	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
23741	25567	1945	1950	2722	1318	1230	588	149	62	133	89	96	85	66	17	4	95	13	0	0	72	6738
25567	27393	1950	1955	2722	1318	1230	590	153	62	135	89	96	86	67	17	4	98	13	0	0	74	6756
27393	29219	1955	1960	2722	1318	1230	591	154	62	136	89	96	86	67	17	4	99	14	0	0	75	6761
29219	31046	1960	1965	2722	1318	1230	588	152	62	132	89	96	85	66	17	4	98	14	0	0	74	6747
31046	32872	1965	1970	2722	1318	1230	588	152	62	132	89	96	85	66	17	4	98	14	0	0	74	6748
32872	34698	1970	1975	2722	1318	1230	588	153	62	133	89	96	85	66	17	4	99	14	0	0	74	6749
34698	36524	1975	1980	2722	1318	1230	586	151	62	129	88	95	84	65	17	4	98	14	0	0	73	6734
36524	37255	1980	1982	2722	1318	1230	586	151	62	129	89	95	84	65	17	4	98	14	0	0	73	6735
37255	37985	1982	1984	2722	1318	1230	586	151	62	129	89	95	84	66	17	4	98	14	0	0	73	6736
37985	38351	1984	1985	2722	1318	1230	584	150	62	128	88	95	84	65	17	4	98	14	0	0	73	6732
38351	38716	1985	1986	2722	1318	1230	584	150	62	127	88	95	84	65	17	4	98	14	0	0	73	6731
38716	39446	1986	1988	2722	1318	1230	584	150	62	127	88	95	84	65	17	4	99	15	0	0	73	6734
39446	39812	1988	1989	2722	1318	1230	584	150	62	127	88	95	84	66	17	4	100	15	0	0	73	6736
39812	40177	1989	1990	2722	1318	1230	584	150	62	128	88	95	84	66	17	4	101	15	0	0	74	6738
40177	40542	1990	1991	2722	1318	1230	585	157	63	144	91	98	91	75	18	5	126	27	0	0	96	6847
40542	40907	1991	1992	2722	1318	1230	588	166	64	158	93	101	98	82	19	6	143	30	0	0	108	6927
40907	41273	1992	1993	2722	1318	1230	590	171	64	165	94	102	100	86	19	6	151	32	0	0	114	6967
41273	41638	1993	1994	2722	1319	1230	591	175	65	168	95	103	102	87	20	7	156	34	0	0	118	6990
41638	42003	1994	1995	2722	1319	1230	592	176	65	168	95	103	102	87	20	7	157	34	0	0	117	6992
42003	42368	1995	1996	2722	1319	1230	592	176	65	168	95	103	102	89	20	7	172	42	0	0	127	7029
42368	42734	1996	1997	2722	1319	1230	593	177	65	171	96	104	104	92	20	8	185	47	0	0	134	7066
42734	43099	1997	1998	2722	1319	1230	593	179	65	174	96	105	106	94	21	8	192	49	0	0	139	7091
43099	43464	1998	1999	2722	1319	1230	594	180	65	176	97	105	107	95	21	8	197	51	0	0	142	7108
43464	43829	1999	2000	2722	1319	1230	594	180	66	177	97	105	107	96	21	8	201	52	0	0	144	7120
43829	44195	2000	2001	2722	1319	1230	593	180	65	174	96	105	106	95	21	8	198	50	0	0	141	7104
44195	44560	2001	2002	2722	1319	1230	590	178	65	167	95	104	104	92	21	8	192	48	0	0	136	7070
44560	44925	2002	2003	2722	1319	1230	588	175	65	160	94	102	101	88	20	7	184	45	0	0	129	7029
44925	45290	2003	2004	2722	1319	1230	585	172	64	151	93	101	97	85	20	7	175	42	0	0	121	6984
45290	45656	2004	2005	2722	1319	1230	581	168	63	143	92	100	95	81	20	7	169	41	0	0	116	6946
45656	46021	2005	2006	2722	1319	1230	579	165	63	139	91	99	93	81	20	7	182	47	0	0	122	6960
46021	46386	2006	2007	2722	1319	1230	576	162	63	135	91	98	92	80	20	7	182	47	0	0	121	6945
46386	46751	2007	2008	2722	1319	1230	573	159	62	129	90	98	90	78	19	7	178	46	0	0	117	6918
46751	47117	2008	2009	2722	1319	1230	570	156	62	123	89	97	88	75	19	6	172	44	0	0	112	6885
47117	47482	2009	2010	2722	1319	1230	567	153	61	117	88	96	86	72	19	6	163	41	0	0	106	6845
47482	47847	2010	2011	2722	1319	1230	564	149	61	111	87	95	84	70	18	6	157	39	0	0	102	6814
47847	48212	2011	2012	2722	1319	1230	560	146	61	107	87	94	82	69	18	6	158	40	0	0	101	6800
48212	48578	2012	2013	2722	1319	1230	557	144	60	103	86	93	81	68	18	6	157	40	0	0	100	6786
48578	48943	2013	2014	2722	1319	1230	554	142	60	99	86	93	80	67	18	5	156	40	0	0	99	6771

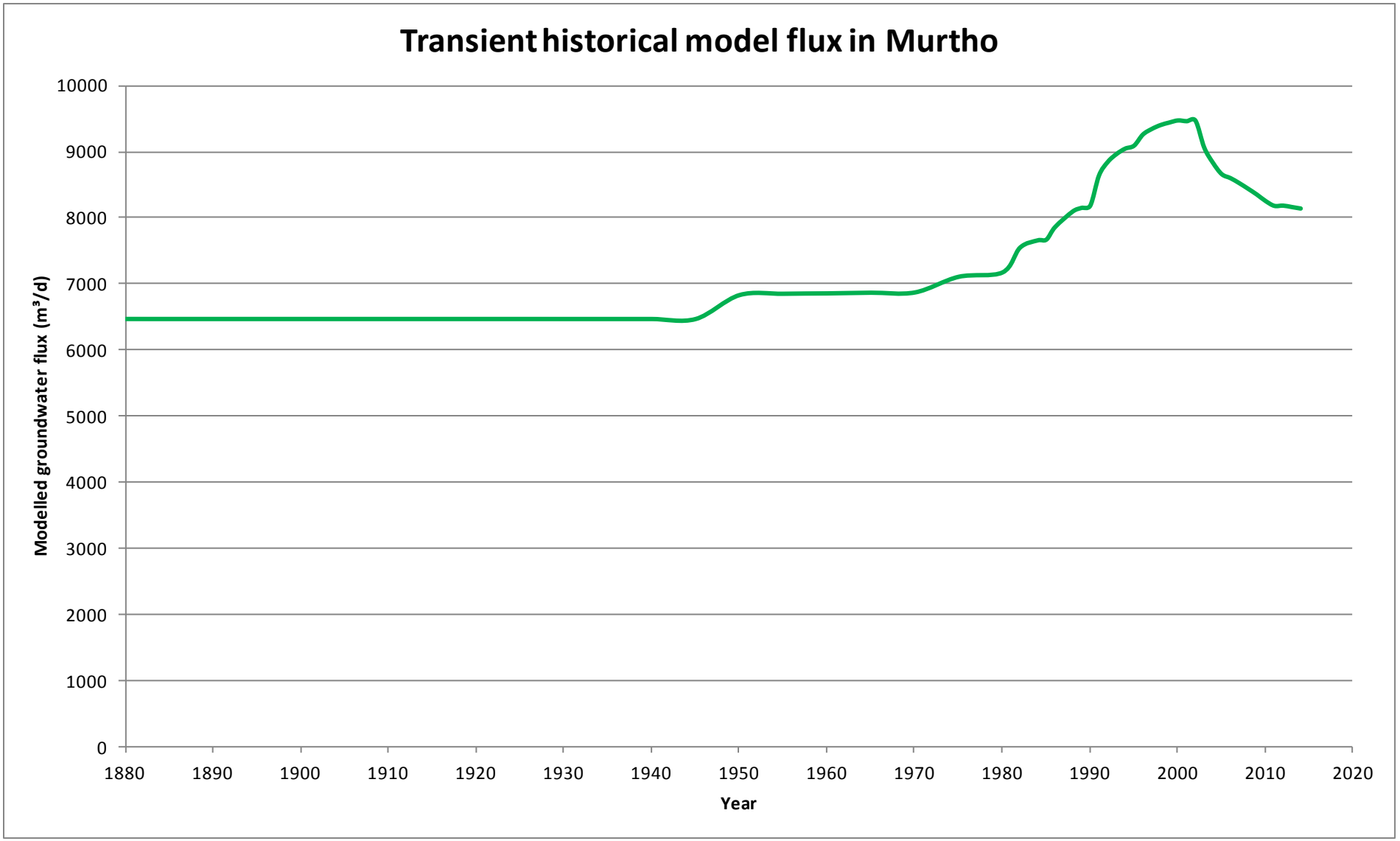
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
0	1	1880	1880	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
1	1827	1880	1885	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
1827	3653	1885	1890	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
3653	5479	1890	1895	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
5479	7305	1895	1900	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
7305	9131	1900	1905	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
9131	10957	1905	1910	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
10957	12783	1910	1915	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
12783	14609	1915	1920	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
14609	16436	1920	1925	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
16436	18262	1925	1930	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
18262	20088	1930	1935	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
20088	21914	1935	1940	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
21914	23741	1940	1945	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
23741	25567	1945	1950	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.0	1.8	1.4	0.4	0.1	2.0	0.3	0.0	0.0	2.0	24.8
25567	27393	1950	1955	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	25.0
27393	29219	1955	1960	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	25.1
29219	31046	1960	1965	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
31046	32872	1965	1970	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
32872	34698	1970	1975	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
34698	36524	1975	1980	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
36524	37255	1980	1982	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
37255	37985	1982	1984	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
37985	38351	1984	1985	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
38351	38716	1985	1986	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
38716	39446	1986	1988	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
39446	39812	1988	1989	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.8
39812	40177	1989	1990	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.2	0.3	0.0	0.0	2.1	24.8
40177	40542	1990	1991	3.7	1.8	1.7	0.8	0.6	1.4	3.2	1.9	2.1	2.0	1.6	0.4	0.1	2.7	0.6	0.0	0.0	2.7	27.2
40542	40907	1991	1992	3.7	1.8	1.7	0.8	0.6	1.4	3.5	2.0	2.2	2.1	1.8	0.4	0.1	3.0	0.6	0.0	0.0	3.0	28.7
40907	41273	1992	1993	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.1	1.8	0.4	0.1	3.2	0.7	0.0	0.0	3.2	29.5
41273	41638	1993	1994	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.1	3.3	0.7	0.0	0.0	3.3	29.9
41638	42003	1994	1995	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.1	3.4	0.7	0.0	0.0	3.3	30.0
42003	42368	1995	1996	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.2	3.7	0.9	0.0	0.0	3.5	30.8
42368	42734	1996	1997	3.7	1.8	1.7	0.8	0.7	1.4	3.8	2.0	2.2	2.2	2.0	0.4	0.2	3.9	1.0	0.0	0.0	3.8	31.6
42734	43099	1997	1998	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.1	1.1	0.0	0.0	3.9	32.1
43099	43464	1998	1999	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.2	1.1	0.0	0.0	4.0	32.5
43464	43829	1999	2000	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.3	1.1	0.0	0.0	4.0	32.7
43829	44195	2000	2001	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.2	1.1	0.0	0.0	3.9	32.4
44195	44560	2001	2002	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	2.0	0.4	0.2	4.1	1.0	0.0	0.0	3.8	31.7
44560	44925	2002	2003	3.7	1.8	1.7	0.8	0.7	1.4	3.6	2.0	2.2	2.2	1.9	0.4	0.2	3.9	1.0	0.0	0.0	3.6	30.9
44925	45290	2003	2004	3.7	1.8	1.7	0.8	0.7	1.4	3.4	2.0	2.2	2.1	1.8	0.4	0.1	3.7	0.9	0.0	0.0	3.4	30.0
45290	45656	2004	2005	3.7	1.8	1.7	0.8	0.6	1.4	3.2	2.0	2.1	2.0	1.7	0.4	0.1	3.6	0.9	0.0	0.0	3.2	29.3
45656	46021	2005	2006	3.7	1.8	1.7	0.8	0.6	1.4	3.1	2.0	2.1	2.0	1.7	0.4	0.1	3.9	1.0	0.0	0.0	3.4	29.7
46021	46386	2006	2007	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	2.0	1.7	0.4	0.1	3.9	1.0	0.0	0.0	3.4	29.5
46386	46751	2007	2008	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.1	1.9	1.7	0.4	0.1	3.8	1.0	0.0	0.0	3.3	29.0
46751	47117	2008	2009	3.7	1.8	1.7	0.8	0.6	1.4	2.7	1.9	2.1	1.9	1.6	0.4	0.1	3.7	0.9	0.0	0.0	3.1	28.4
47117	47482	2009	2010	3.7	1.8	1.7	0.8	0.6	1.4	2.6	1.9	2.0	1.8	1.5	0.4	0.1	3.5	0.9	0.0	0.0	3.0	27.6
47482	47847	2010	2011	3.7	1.8	1.7	0.8	0.6	1.4	2.5	1.9	2.0	1.8	1.5	0.4	0.1	3.4	0.8	0.0	0.0	2.8	27.0
47847	48212	2011	2012	3.7	1.8	1.7	0.8	0.6	1.3	2.4	1.9	2.0	1.8	1.5	0.4	0.1	3.4	0.9	0.0	0.0	2.8	26.8
48212	48578	2012	2013	3.7	1.8	1.7	0.8	0.6	1.3	2.3	1.8	2.0	1.7	1.4	0.4	0.1	3.4	0.9	0.0	0.0	2.8	26.6
48578	48943	2013	2014	3.7	1.8	1.7	0.7	0.5	1.3	2.2	1.8	2.0	1.7	1.4	0.4	0.1	3.3	0.9	0.0	0.0	2.8	26.4

B-3. Modelled groundwater flux (m³/d) and salt load entering the River Murray from each flow budget zone in Murtho area (historical model)

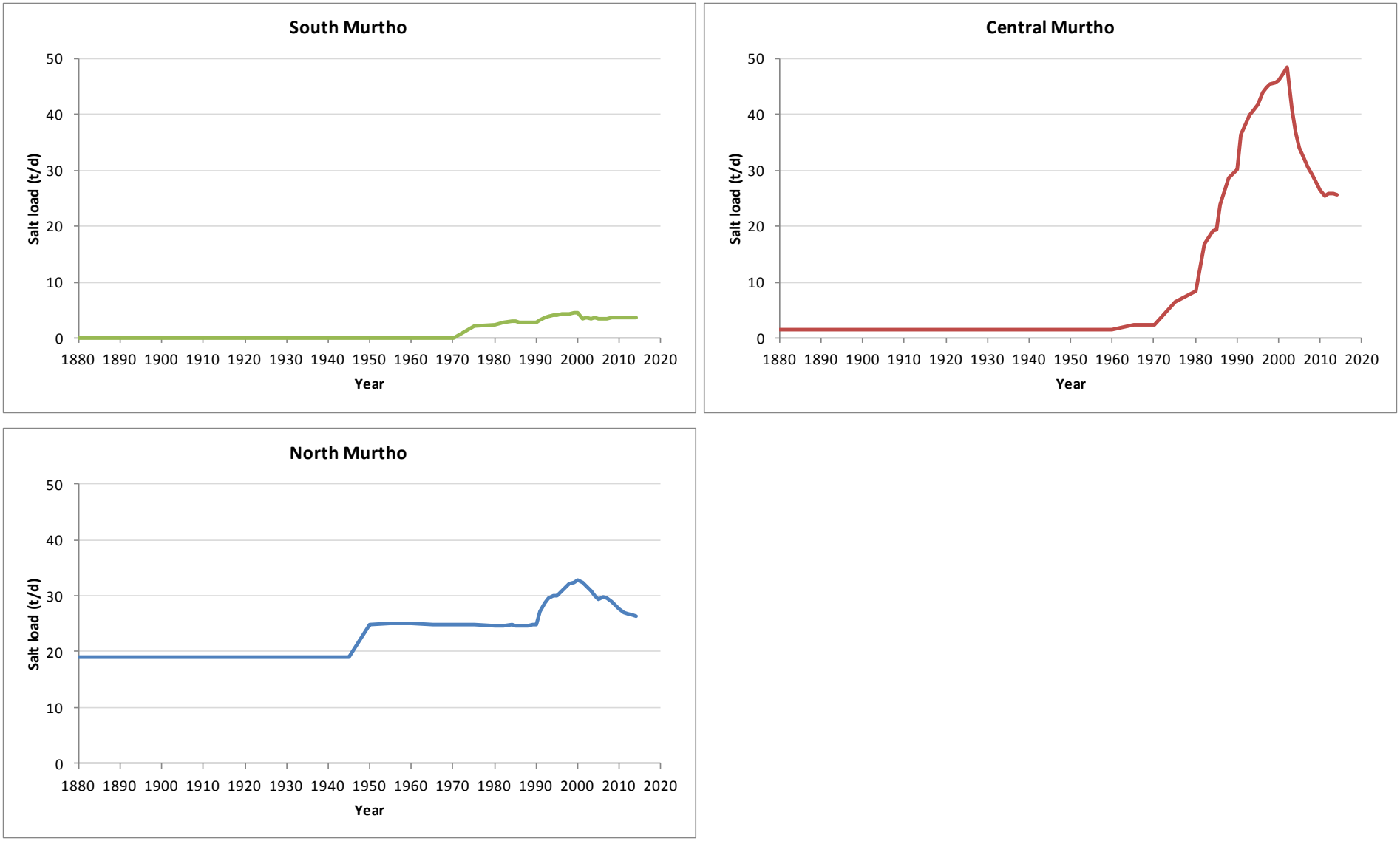
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
0	1	1880	1880	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
1	1827	1880	1885	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
1827	3653	1885	1890	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
3653	5479	1890	1895	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
5479	7305	1895	1900	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
7305	9131	1900	1905	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
9131	10957	1905	1910	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
10957	12783	1910	1915	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
12783	14609	1915	1920	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
14609	16436	1920	1925	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
16436	18262	1925	1930	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
18262	20088	1930	1935	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
20088	21914	1935	1940	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
21914	23741	1940	1945	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
23741	25567	1945	1950	2722	1318	1230	588	149	62	133	89	96	85	66	17	4	95	13	0	0	72	6738
25567	27393	1950	1955	2722	1318	1230	590	153	62	135	89	96	86	67	17	4	98	13	0	0	74	6756
27393	29219	1955	1960	2722	1318	1230	591	154	62	136	89	96	86	67	17	4	99	14	0	0	75	6761
29219	31046	1960	1965	2722	1318	1230	588	152	62	132	89	96	85	66	17	4	98	14	0	0	74	6747
31046	32872	1965	1970	2722	1318	1230	588	152	62	132	89	96	85	66	17	4	98	14	0	0	74	6748
32872	34698	1970	1975	2722	1318	1230	588	153	62	133	89	96	85	66	17	4	99	14	0	0	74	6749
34698	36524	1975	1980	2722	1318	1230	586	151	62	129	88	95	84	65	17	4	98	14	0	0	73	6734
36524	37255	1980	1982	2722	1318	1230	586	151	62	129	89	95	84	65	17	4	98	14	0	0	73	6735
37255	37985	1982	1984	2722	1318	1230	586	151	62	129	89	95	84	66	17	4	98	14	0	0	73	6736
37985	38351	1984	1985	2722	1318	1230	584	150	62	128	88	95	84	65	17	4	98	14	0	0	73	6732
38351	38716	1985	1986	2722	1318	1230	584	150	62	127	88	95	84	65	17	4	98	14	0	0	73	6731
38716	39446	1986	1988	2722	1318	1230	584	150	62	127	88	95	84	65	17	4	99	15	0	0	73	6734
39446	39812	1988	1989	2722	1318	1230	584	150	62	127	88	95	84	66	17	4	100	15	0	0	73	6736
39812	40177	1989	1990	2722	1318	1230	584	150	62	128	88	95	84	66	17	4	101	15	0	0	74	6738
40177	40542	1990	1991	2722	1318	1230	585	157	63	144	91	98	91	75	18	5	126	27	0	0	96	6847
40542	40907	1991	1992	2722	1318	1230	588	166	64	158	93	101	98	82	19	6	143	30	0	0	108	6927
40907	41273	1992	1993	2722	1318	1230	590	171	64	165	94	102	100	86	19	6	151	32	0	0	114	6967
41273	41638	1993	1994	2722	1319	1230	591	175	65	168	95	103	102	87	20	7	156	34	0	0	118	6990
41638	42003	1994	1995	2722	1319	1230	592	176	65	168	95	103	102	87	20	7	157	34	0	0	117	6992
42003	42368	1995	1996	2722	1319	1230	592	176	65	168	95	103	102	89	20	7	172	42	0	0	127	7029
42368	42734	1996	1997	2722	1319	1230	593	177	65	171	96	104	104	92	20	8	185	47	0	0	134	7066
42734	43099	1997	1998	2722	1319	1230	593	179	65	174	96	105	106	94	21	8	192	49	0	0	139	7091
43099	43464	1998	1999	2722	1319	1230	594	180	65	176	97	105	107	95	21	8	197	51	0	0	142	7108
43464	43829	1999	2000	2722	1319	1230	594	180	66	177	97	105	107	96	21	8	201	52	0	0	144	7120
43829	44195	2000	2001	2722	1319	1230	593	180	65	174	96	105	106	95	21	8	198	50	0	0	141	7104
44195	44560	2001	2002	2722	1319	1230	590	178	65	167	95	104	104	92	21	8	192	48	0	0	136	7070
44560	44925	2002	2003	2722	1319	1230	588	175	65	160	94	102	101	88	20	7	184	45	0	0	129	7029
44925	45290	2003	2004	2722	1319	1230	585	172	64	151	93	101	97	85	20	7	175	42	0	0	121	6984
45290	45656	2004	2005	2722	1319	1230	581	168	63	143	92	100	95	81	20	7	169	41	0	0	116	6946
45656	46021	2005	2006	2722	1319	1230	579	165	63	139	91	99	93	81	20	7	182	47	0	0	122	6960
46021	46386	2006	2007	2722	1319	1230	576	162	63	135	91	98	92	80	20	7	182	47	0	0	121	6945
46386	46751	2007	2008	2722	1319	1230	573	159	62	129	90	98	90	78	19	7	178	46	0	0	117	6918
46751	47117	2008	2009	2722	1319	1230	570	156	62	123	89	97	88	75	19	6	172	44	0	0	112	6885
47117	47482	2009	2010	2722	1319	1230	567	153	61	117	88	96	86	72	19	6	163	41	0	0	106	6845
47482	47847	2010	2011	2722	1319	1230	564	149	61	111	87	95	84	70	18	6	157	39	0	0	102	6814
47847	48212	2011	2012	2722	1319	1230	560	146	61	107	87	94	82	69	18	6	158	40	0	0	101	6800
48212	48578	2012	2013	2722	1319	1230	557	144	60	103	86	93	81	68	18	6	157	40	0	0	100	6786
48578	48943	2013	2014	2722	1319	1230	554	142	60	99	86	93	80	67	18	5	156	40	0	0	99	6771

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
0	1	1880	1880	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
1	1827	1880	1885	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
1827	3653	1885	1890	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
3653	5479	1890	1895	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
5479	7305	1895	1900	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
7305	9131	1900	1905	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
9131	10957	1905	1910	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
10957	12783	1910	1915	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
12783	14609	1915	1920	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
14609	16436	1920	1925	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
16436	18262	1925	1930	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
18262	20088	1930	1935	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
20088	21914	1935	1940	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
21914	23741	1940	1945	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
23741	25567	1945	1950	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.0	1.8	1.4	0.4	0.1	2.0	0.3	0.0	0.0	2.0	24.8
25567	27393	1950	1955	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	25.0
27393	29219	1955	1960	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	25.1
29219	31046	1960	1965	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
31046	32872	1965	1970	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
32872	34698	1970	1975	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
34698	36524	1975	1980	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
36524	37255	1980	1982	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
37255	37985	1982	1984	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
37985	38351	1984	1985	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
38351	38716	1985	1986	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
38716	39446	1986	1988	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
39446	39812	1988	1989	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.8
39812	40177	1989	1990	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.2	0.3	0.0	0.0	2.1	24.8
40177	40542	1990	1991	3.7	1.8	1.7	0.8	0.6	1.4	3.2	1.9	2.1	2.0	1.6	0.4	0.1	2.7	0.6	0.0	0.0	2.7	27.2
40542	40907	1991	1992	3.7	1.8	1.7	0.8	0.6	1.4	3.5	2.0	2.2	2.1	1.8	0.4	0.1	3.0	0.6	0.0	0.0	3.0	28.7
40907	41273	1992	1993	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.1	1.8	0.4	0.1	3.2	0.7	0.0	0.0	3.2	29.5
41273	41638	1993	1994	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.1	3.3	0.7	0.0	0.0	3.3	29.9
41638	42003	1994	1995	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.1	3.4	0.7	0.0	0.0	3.3	30.0
42003	42368	1995	1996	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.2	3.7	0.9	0.0	0.0	3.5	30.8
42368	42734	1996	1997	3.7	1.8	1.7	0.8	0.7	1.4	3.8	2.0	2.2	2.2	2.0	0.4	0.2	3.9	1.0	0.0	0.0	3.8	31.6
42734	43099	1997	1998	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.1	1.1	0.0	0.0	3.9	32.1
43099	43464	1998	1999	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.2	1.1	0.0	0.0	4.0	32.5
43464	43829	1999	2000	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.3	1.1	0.0	0.0	4.0	32.7
43829	44195	2000	2001	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.2	1.1	0.0	0.0	3.9	32.4
44195	44560	2001	2002	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	2.0	0.4	0.2	4.1	1.0	0.0	0.0	3.8	31.7
44560	44925	2002	2003	3.7	1.8	1.7	0.8	0.7	1.4	3.6	2.0	2.2	2.2	1.9	0.4	0.2	3.9	1.0	0.0	0.0	3.6	30.9
44925	45290	2003	2004	3.7	1.8	1.7	0.8	0.7	1.4	3.4	2.0	2.2	2.1	1.8	0.4	0.1	3.7	0.9	0.0	0.0	3.4	30.0
45290	45656	2004	2005	3.7	1.8	1.7	0.8	0.6	1.4	3.2	2.0	2.1	2.0	1.7	0.4	0.1	3.6	0.9	0.0	0.0	3.2	29.3
45656	46021	2005	2006	3.7	1.8	1.7	0.8	0.6	1.4	3.1	2.0	2.1	2.0	1.7	0.4	0.1	3.9	1.0	0.0	0.0	3.4	29.7
46021	46386	2006	2007	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	2.0	1.7	0.4	0.1	3.9	1.0	0.0	0.0	3.4	29.5
46386	46751	2007	2008	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.1	1.9	1.7	0.4	0.1	3.8	1.0	0.0	0.0	3.3	29.0
46751	47117	2008	2009	3.7	1.8	1.7	0.8	0.6	1.4	2.7	1.9	2.1	1.9	1.6	0.4	0.1	3.7	0.9	0.0	0.0	3.1	28.4
47117	47482	2009	2010	3.7	1.8	1.7	0.8	0.6	1.4	2.6	1.9	2.0	1.8	1.5	0.4	0.1	3.5	0.9	0.0	0.0	3.0	27.6
47482	47847	2010	2011	3.7	1.8	1.7	0.8	0.6	1.4	2.5	1.9	2.0	1.8	1.5	0.4	0.1	3.4	0.8	0.0	0.0	2.8	27.0
47847	48212	2011	2012	3.7	1.8	1.7	0.8	0.6	1.3	2.4	1.9	2.0	1.8	1.5	0.4	0.1	3.4	0.9	0.0	0.0	2.8	26.8
48212	48578	2012	2013	3.7	1.8	1.7	0.8	0.6	1.3	2.3	1.8	2.0	1.7	1.4	0.4	0.1	3.4	0.9	0.0	0.0	2.8	26.6
48578	48943	2013	2014	3.7	1.8	1.7	0.7	0.5	1.3	2.2	1.8	2.0	1.7	1.4	0.4	0.1	3.3	0.9	0.0	0.0	2.8	26.4

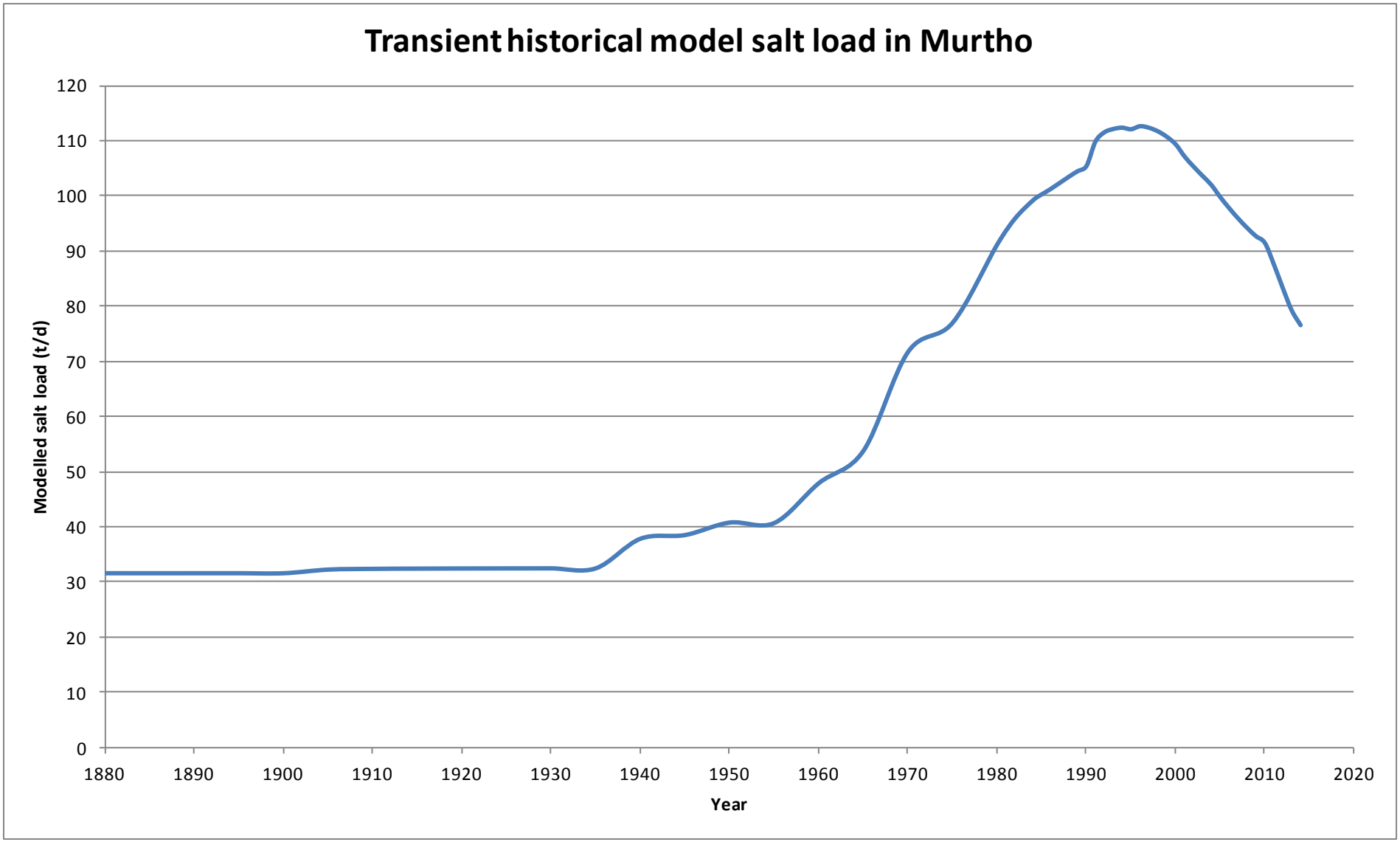
B-3. Modelled groundwater flux (m³/d) and salt load entering the River Murray from each flow budget zone in Murtho area (historical model)



B-3. Graph of modelled groundwater flux (m³/d) entering the River Murray in Murtho (historical model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Murtho (historical model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Murtho (historical model)

Scenario 2

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
0	1	1880	1880	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
1	1827	1880	1885	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
1827	3653	1885	1890	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
3653	5479	1890	1895	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
5479	7305	1895	1900	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
7305	9131	1900	1905	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
9131	10957	1905	1910	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
10957	12783	1910	1915	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
12783	14609	1915	1920	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
14609	16436	1920	1925	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	84
16436	18262	1925	1930	27	16	14	6	4	0	0	0	0	2	9	5	2	0	0	0	0	84
18262	20088	1930	1935	27	16	14	6	4	0	0	0	0	2	9	5	2	0	0	0	0	86
20088	21914	1935	1940	27	16	14	7	4	0	0	0	0	2	9	5	2	0	0	0	0	87
21914	23741	1940	1945	28	16	15	7	4	1	0	0	0	2	9	5	2	0	0	0	0	90
23741	25567	1945	1950	28	16	15	8	5	1	1	0	0	2	9	5	2	0	0	0	0	91
25567	27393	1950	1955	28	17	15	8	5	1	1	0	0	2	9	5	2	0	0	0	0	93
27393	29219	1955	1960	28	17	16	9	5	1	1	0	0	2	9	5	2	0	0	0	0	95
29219	31046	1960	1965	29	17	16	9	6	1	1	0	0	2	9	5	2	0	0	0	0	97
31046	32872	1965	1970	29	17	17	10	6	1	1	0	0	2	9	5	2	0	0	0	0	99
32872	34698	1970	1975	29	18	17	10	6	1	1	0	0	2	9	5	2	0	0	0	0	102
34698	36524	1975	1980	29	18	17	10	7	1	1	0	0	2	9	5	3	0	0	0	0	104
36524	37255	1980	1982	29	18	18	11	7	1	1	0	0	2	9	6	3	1	0	0	0	106
37255	37985	1982	1984	30	19	18	11	7	1	1	0	0	2	9	6	3	1	0	0	0	107
37985	38351	1984	1985	30	19	18	11	7	1	1	0	0	2	10	6	3	1	0	0	0	108
38351	38716	1985	1986	30	19	18	11	7	1	1	0	0	2	10	6	3	1	0	0	0	109
38716	39446	1986	1988	30	19	19	11	7	1	1	0	0	2	10	6	3	1	0	0	0	110
39446	39812	1988	1989	30	19	19	11	7	1	1	0	0	2	10	6	3	1	0	0	0	111
39812	40177	1989	1990	30	19	19	11	7	1	1	0	0	2	10	6	3	1	0	0	0	111
40177	40542	1990	1991	30	19	19	12	7	1	1	0	0	2	10	6	3	1	0	0	0	112
40542	40907	1991	1992	30	19	19	12	7	1	1	0	0	2	10	6	3	1	0	0	0	114
40907	41273	1992	1993	30	20	19	12	8	1	1	0	0	2	10	6	3	1	0	0	0	115
41273	41638	1993	1994	30	20	20	12	8	1	1	0	0	2	10	6	3	1	0	0	0	116
41638	42003	1994	1995	31	20	20	12	8	1	1	0	0	2	10	6	3	1	0	0	0	117
42003	42368	1995	1996	31	20	20	12	8	2	1	0	0	2	10	6	3	1	0	0	0	118
42368	42734	1996	1997	31	20	20	12	8	2	1	0	0	3	10	6	3	2	0	0	0	118
42734	43099	1997	1998	31	20	20	13	8	2	1	0	0	3	10	6	3	2	0	0	0	119
43099	43464	1998	1999	31	20	21	13	8	2	1	0	0	3	10	6	3	2	0	0	0	120
43464	43829	1999	2000	31	20	21	13	8	2	1	0	0	3	10	6	4	2	0	0	0	121
43829	44195	2000	2001	31	21	21	13	8	2	1	0	0	3	10	6	4	2	0	0	0	123
44195	44560	2001	2002	31	21	22	13	8	2	2	0	0	3	10	6	4	2	0	0	0	124
44560	44925	2002	2003	31	21	22	14	8	2	2	0	0	3	11	6	4	2	0	0	0	126
44925	45290	2003	2004	32	21	22	14	8	2	2	0	0	3	11	6	4	2	0	0	0	127
45290	45656	2004	2005	32	22	22	14	8	2	2	0	0	3	11	6	4	2	0	0	0	128
45656	46021	2005	2006	32	22	23	14	9	2	2	0	0	3	11	6	4	2	0	0	0	129
46021	46386	2006	2007	32	22	23	14	9	2	2	0	0	3	11	6	4	2	0	0	0	131
46386	46751	2007	2008	32	22	23	14	9	2	2	0	0	3	11	6	4	2	0	0	0	132
46751	47117	2008	2009	32	22	23	14	9	2	2	0	0	3	11	7	4	2	0	0	0	133
47117	47482	2009	2010	32	22	23	15	9	2	2	0	0	3	11	7	4	2	0	0	0	134
47482	47847	2010	2011	32	22	24	15	9	2	2	0	0	3	11	7	5	2	1	0	1	136
47847	48212	2011	2012	33	23	25	15	9	2	2	0	0	3	11	7	5	3	1	0	1	138
48212	48578	2012	2013	33	23	25	15	9	2	2	0	0	3	11	7	5	3	1	0	1	140
48578	48943	2013	2014	33	23	25	16	9	2	2	0	0	3	12	7	5	3	1	0	1	141

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
0	1	1880	1880	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
1	1827	1880	1885	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
1827	3653	1885	1890	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
3653	5479	1890	1895	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
5479	7305	1895	1900	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
7305	9131	1900	1905	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
9131	10957	1905	1910	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
10957	12783	1910	1915	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
12783	14609	1915	1920	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
14609	16436	1920	1925	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
16436	18262	1925	1930	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
18262	20088	1930	1935	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
20088	21914	1935	1940	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
21914	23741	1940	1945	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
23741	25567	1945	1950	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
25567	27393	1950	1955	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.2
27393	29219	1955	1960	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.2
29219	31046	1960	1965	0.4	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.2
31046	32872	1965	1970	0.4	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.2
32872	34698	1970	1975	0.5	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.3
34698	36524	1975	1980	0.5	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.3
36524	37255	1980	1982	0.5	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.3
37255	37985	1982	1984	0.5	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.3
37985	38351	1984	1985	0.5	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.3
38351	38716	1985	1986	0.5	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.3
38716	39446	1986	1988	0.5	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.3
39446	39812	1988	1989	0.5	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.3
39812	40177	1989	1990	0.5	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.4
40177	40542	1990	1991	0.5	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.4
40542	40907	1991	1992	0.5	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.4
40907	41273	1992	1993	0.5	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.4
41273	41638	1993	1994	0.5	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.4
41638	42003	1994	1995	0.5	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.4
42003	42368	1995	1996	0.5	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.4
42368	42734	1996	1997	0.5	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.4
42734	43099	1997	1998	0.5	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.4
43099	43464	1998	1999	0.5	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.4
43464	43829	1999	2000	0.5	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.5
43829	44195	2000	2001	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.5
44195	44560	2001	2002	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.5
44560	44925	2002	2003	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.5
44925	45290	2003	2004	0.5	0.4	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.5
45290	45656	2004	2005	0.5	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.5
45656	46021	2005	2006	0.5	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.5
46021	46386	2006	2007	0.5	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6
46386	46751	2007	2008	0.5	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6
46751	47117	2008	2009	0.5	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6
47117	47482	2009	2010	0.5	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6
47482	47847	2010	2011	0.5	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6
47847	48212	2011	2012	0.5	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6
48212	48578	2012	2013	0.5	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7
48578	48943	2013	2014	0.5	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S2 model)

				Lyrup																		
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
48943	49308	2014	2015	33	23	26	16	9	2	2	0	0	3	12	7	5	3	1	0	1	143
49308	49673	2015	2016	33	24	26	16	9	2	2	0	0	3	12	7	5	3	1	0	1	144
49673	50039	2016	2017	33	24	26	16	9	2	2	0	0	3	12	7	5	3	1	0	1	145
50039	50404	2017	2018	34	24	26	16	9	2	2	0	0	3	12	7	5	3	1	0	1	146
50404	50769	2018	2019	34	24	26	16	10	2	2	0	0	3	12	7	6	3	1	0	1	148
50769	51134	2019	2020	34	24	27	16	10	2	2	0	0	3	12	7	6	3	1	0	1	149
51134	51500	2020	2021	34	25	27	17	10	2	2	0	0	3	12	8	6	3	1	0	1	151
51500	51865	2021	2022	34	25	28	17	10	2	2	0	0	4	13	8	6	3	1	0	1	154
51865	52230	2022	2023	34	25	28	17	10	2	2	0	0	4	13	8	6	3	1	0	1	155
52230	52595	2023	2024	35	25	29	17	10	2	3	0	0	4	13	8	6	3	1	0	1	157
52595	52961	2024	2025	35	26	29	18	10	2	3	0	0	4	13	8	6	3	1	0	1	159
52961	53326	2025	2026	35	26	29	18	10	2	3	0	0	4	13	8	7	4	1	0	1	160
53326	53691	2026	2027	35	26	29	18	10	3	3	0	1	4	13	8	7	4	1	0	1	161
53691	54056	2027	2028	35	26	29	18	10	3	3	0	1	4	14	8	7	4	1	0	1	163
54056	54422	2028	2029	35	26	30	18	10	3	3	0	1	4	14	8	7	4	1	0	1	164
54422	54787	2029	2030	36	26	30	18	10	3	3	0	1	4	14	8	7	4	1	0	1	165
54787	55152	2030	2031	36	27	30	19	11	3	3	0	1	4	14	9	7	4	1	0	1	168
55152	55517	2031	2032	36	27	31	19	11	3	3	0	1	4	14	9	7	4	1	0	1	170
55517	55883	2032	2033	36	27	31	19	11	3	3	0	1	5	15	9	8	4	1	0	1	172
55883	56248	2033	2034	36	27	31	19	11	3	3	0	1	5	15	9	8	4	1	0	1	174
56248	56613	2034	2035	37	27	32	19	11	3	3	0	1	5	15	9	8	4	1	0	1	175
56613	56978	2035	2036	37	28	32	19	11	3	3	0	1	5	15	9	8	4	1	0	1	177
56978	57344	2036	2037	37	28	32	20	11	3	3	0	1	5	16	9	8	4	1	0	1	179
57344	57709	2037	2038	37	28	32	20	11	3	3	0	1	5	16	9	8	4	1	0	1	180
57709	58074	2038	2039	37	28	32	20	11	3	3	0	1	5	16	10	8	4	1	0	1	181
58074	58439	2039	2040	37	28	33	20	11	3	3	0	1	5	16	10	8	4	1	0	1	183
58439	58805	2040	2041	38	28	33	20	11	3	3	0	1	5	17	10	9	5	1	0	1	186
58805	59170	2041	2042	38	29	33	20	11	3	3	0	1	6	17	10	9	5	1	0	1	188
59170	59535	2042	2043	38	29	34	20	12	3	3	0	1	6	17	10	9	5	1	0	1	190
59535	59900	2043	2044	38	29	34	21	12	3	3	0	1	6	18	11	9	5	1	0	1	192
59900	60266	2044	2045	38	29	34	21	12	3	4	0	1	6	18	11	9	5	1	0	1	194
60266	60631	2045	2046	39	29	34	21	12	3	4	0	1	6	18	11	10	5	2	0	1	195
60631	60996	2046	2047	39	30	34	21	12	3	4	0	1	6	19	11	10	5	2	0	1	197
60996	61361	2047	2048	39	30	35	21	12	3	4	0	1	6	19	11	10	5	2	0	1	199
61361	61727	2048	2049	39	30	35	21	12	3	4	0	1	6	19	11	10	5	2	0	1	201
61727	62092	2049	2050	39	30	35	21	12	3	4	0	1	7	20	12	10	5	2	0	1	202
62092	62457	2050	2051	39	30	35	21	12	4	4	0	1	7	20	12	11	5	2	0	2	205
62457	62822	2051	2052	40	30	35	22	12	4	4	0	1	7	21	12	11	5	2	0	2	207
62822	63188	2052	2053	40	31	36	22	12	4	4	0	1	7	21	13	11	6	2	0	2	210
63188	63553	2053	2054	40	31	36	22	13	4	4	0	1	7	22	13	11	6	2	0	2	212
63553	63918	2054	2055	40	31	36	22	13	4	4	0	1	8	22	13	11	6	2	0	2	214
63918	64283	2055	2056	40	31	36	22	13	4	4	0	1	8	22	13	12	6	2	0	2	216
64283	64649	2056	2057	41	31	36	22	13	4	4	0	1	8	23	14	12	6	2	0	2	218
64649	65014	2057	2058	41	31	36	22	13	4	4	0	1	8	23	14	12	6	2	0	2	220
65014	65379	2058	2059	41	32	36	22	13	4	4	0	1	8	24	14	12	6	2	0	2	222
65379	65744	2059	2060	41	32	37	23	13	4	4	0	1	8	24	14	13	6	2	0	2	224
65744	66110	2060	2061	41	32	37	23	13	4	4	0	1	9	25	15	13	6	2	0	2	227
66110	66475	2061	2062	42	32	37	23	13	4	4	0	1	9	25	15	13	6	2	0	2	229
66475	66840	2062	2063	42	32	37	23	13	4	4	0	1	9	26	15	13	7	2	0	2	232
66840	67205	2063	2064	42	32	37	23	14	4	4	0	1	9	26	16	14	7	2	0	2	234
67205	67571	2064	2065	42	33	37	23	14	4	5	0	1	9	27	16	14	7	2	0	2	237
67571	67936	2065	2066	42	33	38	23	14	5	5	0	1	10	27	16	14	7	2	0	2	239
67936	68301	2066	2067	43	33	38	23	14	5	5	0	1	10	28	17	14	7	2	0	2	242

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
48943	49308	2014	2015	0.5	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7
49308	49673	2015	2016	0.5	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7
49673	50039	2016	2017	0.5	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7
50039	50404	2017	2018	0.5	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7
50404	50769	2018	2019	0.5	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7
50769	51134	2019	2020	0.5	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7
51134	51500	2020	2021	0.5	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.8
51500	51865	2021	2022	0.5	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.8
51865	52230	2022	2023	0.5	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.8
52230	52595	2023	2024	0.5	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.8
52595	52961	2024	2025	0.5	0.4	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9
52961	53326	2025	2026	0.5	0.4	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9
53326	53691	2026	2027	0.6	0.4	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9
53691	54056	2027	2028	0.6	0.4	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9
54056	54422	2028	2029	0.6	0.4	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9
54422	54787	2029	2030	0.6	0.4	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	1.9
54787	55152	2030	2031	0.6	0.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	1.9
55152	55517	2031	2032	0.6	0.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	2.0
55517	55883	2032	2033	0.6	0.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	2.0
55883	56248	2033	2034	0.6	0.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	2.0
56248	56613	2034	2035	0.6	0.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	2.0
56613	56978	2035	2036	0.6	0.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	2.0
56978	57344	2036	2037	0.6	0.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	2.0
57344	57709	2037	2038	0.6	0.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	2.1
57709	58074	2038	2039	0.6	0.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.1
58074	58439	2039	2040	0.6	0.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.1
58439	58805	2040	2041	0.6	0.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.1
58805	59170	2041	2042	0.6	0.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.1
59170	59535	2042	2043	0.6	0.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.2
59535	59900	2043	2044	0.6	0.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.2
59900	60266	2044	2045	0.6	0.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.2
60266	60631	2045	2046	0.6	0.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.2
60631	60996	2046	2047	0.6	0.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.2
60996	61361	2047	2048	0.6	0.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.2
61361	61727	2048	2049	0.6	0.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.2
61727	62092	2049	2050	0.6	0.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.3
62092	62457	2050	2051	0.6	0.5	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.3
62457	62822	2051	2052	0.6	0.5	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.3
62822	63188	2052	2053	0.6	0.5	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.3
63188	63553	2053	2054	0.6	0.5	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.3
63553	63918	2054	2055	0.6	0.5	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.4
63918	64283	2055	2056	0.6	0.5	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.4
64283	64649	2056	2057	0.6	0.5	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.4
64649	65014	2057	2058	0.6	0.5	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.4
65014	65379	2058	2059	0.6	0.5	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.4
65379	65744	2059	2060	0.6	0.5	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.4
65744	66110	2060	2061	0.6	0.5	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.5
66110	66475	2061	2062	0.7	0.5	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	2.5
66475	66840	2062	2063	0.7	0.5	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	2.5
66840	67205	2063	2064	0.7	0.6	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	2.5
67205	67571	2064	2065	0.7	0.6	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	2.6
67571	67936	2065	2066	0.7	0.6	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	2.6
67936	68301	2066	2067	0.7	0.6	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	2.6

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S2 model)

				Lyrup																		
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
68301	68666	2067	2068	43	33	38	23	14	5	5	0	1	10	28	17	15	7	2	0	2	244
68666	69032	2068	2069	43	33	38	24	14	5	5	0	1	10	29	17	15	7	3	0	3	246
69032	69397	2069	2070	43	33	38	24	14	5	5	0	1	10	30	18	15	7	3	0	3	249
69397	69762	2070	2071	43	34	38	24	14	5	5	0	1	11	30	18	16	7	3	0	3	252
69762	70127	2071	2072	43	34	38	24	14	5	5	0	1	11	31	19	16	8	3	0	3	254
70127	70493	2072	2073	44	34	39	24	14	5	5	0	2	11	31	19	16	8	3	0	3	257
70493	70858	2073	2074	44	34	39	24	15	5	5	0	2	11	32	19	16	8	3	0	3	260
70858	71223	2074	2075	44	34	39	24	15	5	5	0	2	12	33	20	17	8	3	0	3	262
71223	71588	2075	2076	44	34	39	24	15	5	5	0	2	12	33	20	17	8	3	0	3	265
71588	71954	2076	2077	44	34	39	24	15	5	5	0	2	12	34	21	17	8	3	0	3	268
71954	72319	2077	2078	44	35	39	25	15	5	5	0	2	12	35	21	18	8	3	0	3	270
72319	72684	2078	2079	45	35	39	25	15	6	5	0	2	12	35	21	18	8	3	0	3	273
72684	73049	2079	2080	45	35	39	25	15	6	5	0	2	13	36	22	18	8	3	0	3	275
73049	73415	2080	2081	45	35	40	25	15	6	5	0	2	13	36	22	19	9	3	0	3	278
73415	73780	2081	2082	45	35	40	25	15	6	5	0	2	13	37	23	19	9	3	0	3	281
73780	74145	2082	2083	45	35	40	25	16	6	5	0	2	13	38	23	19	9	3	0	3	284
74145	74510	2083	2084	45	35	40	25	16	6	6	0	2	14	38	24	20	9	3	0	3	286
74510	74876	2084	2085	46	36	40	25	16	6	6	0	2	14	39	24	20	9	3	0	3	289
74876	75241	2085	2086	46	36	40	25	16	6	6	0	2	14	40	25	20	9	4	0	4	292
75241	75606	2086	2087	46	36	40	26	16	6	6	0	2	14	40	25	21	9	4	0	4	295
75606	75971	2087	2088	46	36	40	26	16	6	6	0	2	15	41	25	21	9	4	0	4	297
75971	76337	2088	2089	46	36	41	26	16	6	6	0	2	15	42	26	21	10	4	0	4	300
76337	76702	2089	2090	46	36	41	26	16	7	6	0	2	15	42	26	22	10	4	0	4	303
76702	77067	2090	2091	47	36	41	26	16	7	6	0	2	15	43	27	22	10	4	0	4	306
77067	77432	2091	2092	47	37	41	26	17	7	6	0	2	15	44	27	22	10	4	0	4	308
77432	77798	2092	2093	47	37	41	26	17	7	6	0	2	16	44	28	23	10	4	0	4	311
77798	78163	2093	2094	47	37	41	26	17	7	6	0	2	16	45	28	23	10	4	0	4	314
78163	78528	2094	2095	47	37	41	26	17	7	6	0	2	16	46	29	24	10	4	0	4	317
78528	78893	2095	2096	47	37	41	27	17	7	6	0	2	16	46	29	24	10	4	0	4	320
78893	79259	2096	2097	47	37	42	27	17	7	6	0	2	17	47	30	24	11	4	0	4	322
79259	79624	2097	2098	48	37	42	27	17	7	6	0	2	17	48	30	25	11	4	0	4	325
79624	79989	2098	2099	48	37	42	27	17	7	6	0	2	17	48	30	25	11	4	0	4	328
79989	80354	2099	2100	48	38	42	27	18	7	6	0	2	17	49	31	25	11	4	0	4	330
80354	80719	2100	2101	48	38	42	27	18	7	6	0	2	18	50	31	26	11	5	0	4	333
80719	81084	2101	2102	48	38	42	27	18	8	6	0	2	18	50	32	26	11	5	0	4	336
81084	81449	2102	2103	48	38	42	27	18	8	7	0	2	18	51	32	26	11	5	0	4	339
81449	81814	2103	2104	48	38	42	27	18	8	7	0	2	19	52	33	27	11	5	0	4	341
81814	82180	2104	2105	48	38	42	27	18	8	7	0	3	19	52	33	27	12	5	0	5	344
82180	82545	2105	2106	49	38	43	28	18	8	7	0	3	19	53	34	27	12	5	0	5	347
82545	82910	2106	2107	49	38	43	28	18	8	7	0	3	19	54	34	28	12	5	0	5	349
82910	83275	2107	2108	49	39	43	28	18	8	7	0	3	20	54	35	28	12	5	0	5	352
83275	83641	2108	2109	49	39	43	28	19	8	7	0	3	20	55	35	28	12	5	0	5	354
83641	84006	2109	2110	49	39	43	28	19	8	7	0	3	20	55	35	29	12	5	0	5	357
84006	84371	2110	2111	49	39	43	28	19	8	7	0	3	20	56	36	29	12	5	0	5	360
84371	84736	2111	2112	49	39	43	28	19	8	7	0	3	21	57	36	29	12	5	0	5	362
84736	85102	2112	2113	49	39	43	28	19	8	7	0	3	21	57	37	30	12	5	0	5	365
85102	85467	2113	2114	50	39	43	28	19	9	7	0	3	21	58	37	30	13	5	0	5	368
85467	85832	2114	2115	50	39	44	28	19	9	7	0	3	21	59	38	30	13	5	0	5	370
85832	86197	2115	2116	50	39	44	29	19	9	7	0	3	22	59	38	31	13	6	0	5	373
86197	86563	2116	2117	50	39	44	29	19	9	7	0	3	22	60	39	31	13	6	0	5	375
86563	86928	2117	2118	50	40	44	29	19	9	7	0	3	22	60	39	31	13	6	0	5	378
86928	87293	2118	2119	50	40	44	29	20	9	7	0	3	22	61	39	32	13	6	0	5	380
87293	87658	2119	2120	50	40	44	29	20	9	7	0	3	22	62	40	32	13	6	0	5	382

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
68301	68666	2067	2068	0.7	0.6	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	2.6
68666	69032	2068	2069	0.7	0.6	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	2.6
69032	69397	2069	2070	0.7	0.6	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	2.6
69397	69762	2070	2071	0.7	0.6	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	2.7
69762	70127	2071	2072	0.7	0.6	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	2.7
70127	70493	2072	2073	0.7	0.6	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	2.7
70493	70858	2073	2074	0.7	0.6	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	2.7
70858	71223	2074	2075	0.7	0.6	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	2.8
71223	71588	2075	2076	0.7	0.6	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	2.8
71588	71954	2076	2077	0.7	0.6	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	2.8
71954	72319	2077	2078	0.7	0.6	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	2.8
72319	72684	2078	2079	0.7	0.6	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.0	0.0	0.0	2.8
72684	73049	2079	2080	0.7	0.6	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.0	0.0	0.0	2.9
73049	73415	2080	2081	0.7	0.6	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.0	0.0	0.0	2.9
73415	73780	2081	2082	0.7	0.6	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.0	0.0	0.0	2.9
73780	74145	2082	2083	0.7	0.6	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.0	0.0	0.0	2.9
74145	74510	2083	2084	0.7	0.6	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.0	0.0	0.0	2.9
74510	74876	2084	2085	0.7	0.6	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.0	0.0	0.0	3.0
74876	75241	2085	2086	0.7	0.6	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.0	0.0	0.0	3.0
75241	75606	2086	2087	0.7	0.6	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.0	0.0	0.0	3.0
75606	75971	2087	2088	0.7	0.6	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.1	0.0	0.0	0.0	3.0
75971	76337	2088	2089	0.7	0.6	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.1	0.1	0.0	0.0	0.0	3.0
76337	76702	2089	2090	0.7	0.6	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.1	0.1	0.0	0.0	0.0	3.1
76702	77067	2090	2091	0.7	0.6	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.1	0.1	0.0	0.0	0.0	3.1
77067	77432	2091	2092	0.7	0.6	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.1	0.1	0.0	0.0	0.0	3.1
77432	77798	2092	2093	0.7	0.6	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.1	0.1	0.0	0.0	0.0	3.1
77798	78163	2093	2094	0.7	0.6	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.1	0.1	0.0	0.0	0.0	3.1
78163	78528	2094	2095	0.7	0.6	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.1	0.1	0.0	0.0	0.0	3.2
78528	78893	2095	2096	0.7	0.6	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.1	0.1	0.0	0.0	0.0	3.2
78893	79259	2096	2097	0.7	0.6	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.1	0.1	0.0	0.0	0.0	3.2
79259	79624	2097	2098	0.7	0.6	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.1	0.1	0.0	0.0	0.0	3.2
79624	79989	2098	2099	0.7	0.6	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.1	0.1	0.0	0.0	0.0	3.2
79989	80354	2099	2100	0.8	0.6	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.2	0.1	0.0	0.0	0.0	3.3
80354	80719	2100	2101	0.8	0.6	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.2	0.1	0.0	0.0	0.0	3.3
80719	81084	2101	2102	0.8	0.6	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.2	0.1	0.0	0.0	0.0	3.3
81084	81449	2102	2103	0.8	0.6	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.2	0.1	0.0	0.0	0.0	3.3
81449	81814	2103	2104	0.8	0.6	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.2	0.1	0.0	0.0	0.0	3.3
81814	82180	2104	2105	0.8	0.6	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.2	0.1	0.0	0.0	0.0	3.4
82180	82545	2105	2106	0.8	0.7	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.2	0.1	0.0	0.0	0.0	3.4
82545	82910	2106	2107	0.8	0.7	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.2	0.1	0.0	0.0	0.0	3.4
82910	83275	2107	2108	0.8	0.7	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.2	0.1	0.0	0.0	0.0	3.4
83275	83641	2108	2109	0.8	0.7	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.2	0.1	0.0	0.0	0.0	3.4
83641	84006	2109	2110	0.8	0.7	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.2	0.1	0.0	0.0	0.0	3.5
84006	84371	2110	2111	0.8	0.7	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.2	0.1	0.0	0.0	0.0	3.5
84371	84736	2111	2112	0.8	0.7	0.7	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.3	0.2	0.2	0.1	0.0	0.0	0.0	3.5
84736	85102	2112	2113	0.8	0.7	0.7	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.3	0.2	0.2	0.1	0.0	0.0	0.0	3.5
85102	85467	2113	2114	0.8	0.7	0.7	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.3	0.2	0.2	0.1	0.0	0.0	0.0	3.5
85467	85832	2114	2115	0.8	0.7	0.7	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.4	0.2	0.2	0.1	0.0	0.0	0.0	3.6
85832	86197	2115	2116	0.8	0.7	0.7	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.4	0.2	0.2	0.1	0.0	0.0	0.0	3.6
86197	86563	2116	2117	0.8	0.7	0.7	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.4	0.2	0.2	0.1	0.0	0.0	0.0	3.6
86563	86928	2117	2118	0.8	0.7	0.7	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.4	0.2	0.2	0.1	0.0	0.0	0.0	3.6
86928	87293	2118	2119	0.8	0.7	0.7	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.4	0.2	0.2	0.1	0.0	0.0	0.0	3.6
87293	87658	2119	2120	0.8	0.7	0.7	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.4	0.2	0.2	0.1	0.0	0.0	0.0	3.6

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S2 model)

				Simarloo															
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Flux
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)														
0	1	1880	1880	4	37	50	65	45	25	7	4	10	2	33	13	33	160	487
1	1827	1880	1885	4	37	50	65	45	25	7	4	10	2	33	12	33	160	487
1827	3653	1885	1890	4	37	50	65	45	25	7	4	10	2	33	12	33	160	487
3653	5479	1890	1895	4	37	50	65	45	25	7	4	10	2	33	12	33	160	487
5479	7305	1895	1900	4	37	50	65	45	25	7	4	10	2	33	12	33	160	487
7305	9131	1900	1905	4	37	50	65	45	25	7	4	10	2	33	12	33	160	487
9131	10957	1905	1910	4	37	50	65	45	25	7	4	10	2	33	12	33	160	487
10957	12783	1910	1915	4	37	50	65	45	25	7	4	10	2	33	12	33	160	487
12783	14609	1915	1920	4	37	50	65	45	25	7	4	10	2	32	12	33	160	487
14609	16436	1920	1925	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
16436	18262	1925	1930	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
18262	20088	1930	1935	4	37	50	65	45	25	7	4	10	2	33	13	33	161	490
20088	21914	1935	1940	4	37	50	65	45	25	7	4	10	2	33	13	33	161	491
21914	23741	1940	1945	4	37	51	66	45	25	7	4	11	2	33	13	33	162	494
23741	25567	1945	1950	4	37	51	66	45	26	7	5	11	2	33	13	34	163	496
25567	27393	1950	1955	4	37	51	67	46	26	7	5	11	2	33	13	34	164	499
27393	29219	1955	1960	4	37	51	67	46	26	7	5	12	2	33	13	34	165	502
29219	31046	1960	1965	4	37	51	67	46	26	7	5	12	2	33	14	34	166	506
31046	32872	1965	1970	4	37	51	68	46	26	8	5	12	2	33	14	34	168	509
32872	34698	1970	1975	4	37	51	68	46	26	8	6	13	2	34	14	35	170	514
34698	36524	1975	1980	4	38	51	69	46	26	8	6	13	3	34	14	35	172	518
36524	37255	1980	1982	4	38	51	69	46	26	8	6	13	3	34	14	35	173	521
37255	37985	1982	1984	4	38	51	69	46	26	8	6	14	3	34	14	35	175	523
37985	38351	1984	1985	4	38	51	69	46	26	8	6	14	3	34	14	35	175	524
38351	38716	1985	1986	4	38	51	69	46	26	8	6	14	3	34	15	35	176	525
38716	39446	1986	1988	4	38	51	69	46	26	8	6	14	3	34	15	36	178	528
39446	39812	1988	1989	4	38	51	69	46	26	8	6	14	3	34	15	36	178	529
39812	40177	1989	1990	4	38	51	69	46	26	8	6	14	3	35	15	36	179	530
40177	40542	1990	1991	4	38	51	69	46	26	8	6	14	3	35	15	36	180	532
40542	40907	1991	1992	4	38	51	69	46	26	8	6	14	3	35	15	36	181	533
40907	41273	1992	1993	4	38	51	69	46	26	8	6	14	3	35	15	36	181	534
41273	41638	1993	1994	4	38	52	69	47	27	8	6	14	3	35	15	36	182	536
41638	42003	1994	1995	4	38	52	70	47	27	8	6	14	3	35	15	36	183	537
42003	42368	1995	1996	4	38	52	70	47	27	8	6	14	3	35	15	36	184	539
42368	42734	1996	1997	4	38	52	70	47	27	8	6	15	3	35	15	36	185	541
42734	43099	1997	1998	4	38	52	70	47	27	8	6	15	3	35	15	37	186	542
43099	43464	1998	1999	4	38	52	70	47	27	8	6	15	3	35	15	37	187	544
43464	43829	1999	2000	4	38	52	70	47	27	8	6	15	3	35	15	37	188	545
43829	44195	2000	2001	4	38	52	70	47	27	8	6	15	3	35	15	37	189	547
44195	44560	2001	2002	4	38	52	70	47	27	8	6	15	3	36	15	37	190	549
44560	44925	2002	2003	4	38	52	70	47	27	8	6	15	3	36	15	37	192	551
44925	45290	2003	2004	4	38	52	70	47	27	8	6	15	3	36	16	37	193	552
45290	45656	2004	2005	4	38	52	70	47	27	8	7	15	3	36	16	37	194	554
45656	46021	2005	2006	4	38	52	70	47	27	8	7	15	3	36	16	38	195	556
46021	46386	2006	2007	4	38	52	70	47	27	8	7	15	3	36	16	38	196	558
46386	46751	2007	2008	4	38	52	70	47	27	8	7	15	3	36	16	38	198	560
46751	47117	2008	2009	4	38	52	70	47	27	8	7	15	3	36	16	38	199	562
47117	47482	2009	2010	4	38	52	70	47	27	8	7	15	3	37	16	38	200	564
47482	47847	2010	2011	4	38	52	70	47	27	8	7	16	3	37	16	38	201	566
47847	48212	2011	2012	4	38	52	71	47	27	9	7	16	3	37	16	38	203	568
48212	48578	2012	2013	4	38	52	71	47	27	9	7	16	3	37	16	39	204	570
48578	48943	2013	2014	4	38	52	71	47	28	9	7	16	3	37	16	39	206	572

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Salt Load
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)														
0	1	1880	1880	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
1	1827	1880	1885	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
1827	3653	1885	1890	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
3653	5479	1890	1895	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
5479	7305	1895	1900	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
7305	9131	1900	1905	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
9131	10957	1905	1910	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
10957	12783	1910	1915	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
12783	14609	1915	1920	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
14609	16436	1920	1925	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
16436	18262	1925	1930	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
18262	20088	1930	1935	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
20088	21914	1935	1940	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.7	13.3
21914	23741	1940	1945	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.7	13.3
23741	25567	1945	1950	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.7	13.4
25567	27393	1950	1955	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.7	13.5
27393	29219	1955	1960	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.8	13.6
29219	31046	1960	1965	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.8	13.7
31046	32872	1965	1970	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.9	13.8
32872	34698	1970	1975	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	0.9	0.4	0.5	4.9	13.9
34698	36524	1975	1980	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	0.9	0.4	0.5	5.0	14.0
36524	37255	1980	1982	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	0.9	0.4	0.6	5.0	14.1
37255	37985	1982	1984	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	0.9	0.4	0.6	5.1	14.1
37985	38351	1984	1985	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	0.9	0.4	0.6	5.1	14.2
38351	38716	1985	1986	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	0.9	0.4	0.6	5.1	14.2
38716	39446	1986	1988	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	0.9	0.4	0.6	5.1	14.3
39446	39812	1988	1989	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	0.9	0.4	0.6	5.2	14.3
39812	40177	1989	1990	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	0.9	0.4	0.6	5.2	14.3
40177	40542	1990	1991	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	0.9	0.4	0.6	5.2	14.4
40542	40907	1991	1992	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	0.9	0.4	0.6	5.2	14.4
40907	41273	1992	1993	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	0.9	0.4	0.6	5.2	14.5
41273	41638	1993	1994	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	0.9	0.4	0.6	5.3	14.5
41638	42003	1994	1995	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	1.0	0.4	0.6	5.3	14.5
42003	42368	1995	1996	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	1.0	0.4	0.6	5.3	14.6
42368	42734	1996	1997	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	1.0	0.4	0.6	5.4	14.6
42734	43099	1997	1998	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	1.0	0.4	0.6	5.4	14.7
43099	43464	1998	1999	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	1.0	0.4	0.6	5.4	14.7
43464	43829	1999	2000	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	1.0	0.4	0.6	5.4	14.8
43829	44195	2000	2001	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	1.0	0.4	0.6	5.5	14.8
44195	44560	2001	2002	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	1.0	0.4	0.6	5.5	14.9
44560	44925	2002	2003	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	1.0	0.4	0.6	5.5	14.9
44925	45290	2003	2004	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	1.0	0.4	0.6	5.6	15.0
45290	45656	2004	2005	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	1.0	0.4	0.6	5.6	15.0
45656	46021	2005	2006	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	1.0	0.4	0.6	5.6	15.1
46021	46386	2006	2007	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	1.0	0.4	0.6	5.7	15.1
46386	46751	2007	2008	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	1.0	0.4	0.6	5.7	15.2
46751	47117	2008	2009	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	1.0	0.4	0.6	5.8	15.2
47117	47482	2009	2010	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	1.0	0.4	0.6	5.8	15.3
47482	47847	2010	2011	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	1.0	0.4	0.6	5.8	15.3
47847	48212	2011	2012	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	1.0	0.4	0.6	5.9	15.4
48212	48578	2012	2013	0.1	1.0	1.4	1.9	1.3	0.7	0.2	0.2	0.4	0.1	1.0	0.4	0.6	5.9	15.4
48578	48943	2013	2014	0.1	1.0	1.4	1.9	1.3	0.8	0.2	0.2	0.4	0.1	1.0	0.4	0.6	5.9	15.5

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S2 model)

				Simarloo															
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Flux
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)														
48943	49308	2014	2015	4	39	52	71	48	28	9	7	16	3	37	16	39	207	574
49308	49673	2015	2016	4	39	52	71	48	28	9	7	16	3	37	16	39	208	577
49673	50039	2016	2017	4	39	52	71	48	28	9	7	16	3	37	16	39	210	579
50039	50404	2017	2018	4	39	52	71	48	28	9	7	16	3	38	16	39	211	581
50404	50769	2018	2019	4	39	52	71	48	28	9	7	16	3	38	17	40	213	583
50769	51134	2019	2020	4	39	52	71	48	28	9	7	16	3	38	17	40	214	585
51134	51500	2020	2021	4	39	52	71	48	28	9	7	16	3	38	17	40	215	587
51500	51865	2021	2022	4	39	52	71	48	28	9	7	16	3	38	17	40	217	590
51865	52230	2022	2023	4	39	52	71	48	28	9	7	16	3	38	17	40	219	592
52230	52595	2023	2024	4	39	52	71	48	28	9	7	17	3	38	17	40	220	594
52595	52961	2024	2025	4	39	52	71	48	28	9	7	17	3	39	17	41	222	597
52961	53326	2025	2026	4	39	52	71	48	28	9	7	17	3	39	17	41	223	599
53326	53691	2026	2027	4	39	52	71	48	28	9	7	17	3	39	17	41	225	601
53691	54056	2027	2028	5	39	52	71	48	28	9	7	17	3	39	17	41	226	604
54056	54422	2028	2029	5	39	52	72	48	28	9	7	17	3	39	17	41	228	606
54422	54787	2029	2030	5	39	52	72	48	29	9	7	17	3	39	17	41	229	608
54787	55152	2030	2031	5	39	52	72	48	29	9	7	17	3	39	17	42	231	610
55152	55517	2031	2032	5	39	52	72	49	29	9	7	17	4	40	17	42	232	613
55517	55883	2032	2033	5	39	52	72	49	29	9	7	17	4	40	18	42	234	615
55883	56248	2033	2034	5	39	52	72	49	29	9	7	17	4	40	18	42	236	618
56248	56613	2034	2035	5	39	52	72	49	29	9	7	17	4	40	18	42	237	620
56613	56978	2035	2036	5	39	52	72	49	29	9	7	17	4	40	18	43	239	623
56978	57344	2036	2037	5	39	52	72	49	29	9	7	18	4	40	18	43	240	625
57344	57709	2037	2038	5	39	52	72	49	29	9	7	18	4	41	18	43	242	628
57709	58074	2038	2039	5	40	52	72	49	29	9	8	18	4	41	18	43	243	630
58074	58439	2039	2040	5	40	53	72	49	29	9	8	18	4	41	18	43	245	632
58439	58805	2040	2041	5	40	53	72	49	29	9	8	18	4	41	18	43	246	635
58805	59170	2041	2042	5	40	53	72	49	30	9	8	18	4	41	18	44	248	637
59170	59535	2042	2043	5	40	53	72	49	30	9	8	18	4	41	18	44	250	640
59535	59900	2043	2044	5	40	53	72	49	30	9	8	18	4	41	18	44	252	642
59900	60266	2044	2045	5	40	53	73	49	30	9	8	18	4	42	18	44	253	645
60266	60631	2045	2046	5	40	53	73	49	30	9	8	18	4	42	19	44	255	647
60631	60996	2046	2047	5	40	53	73	49	30	9	8	18	4	42	19	45	256	650
60996	61361	2047	2048	5	40	53	73	50	30	9	8	19	4	42	19	45	258	652
61361	61727	2048	2049	5	40	53	73	50	30	9	8	19	4	42	19	45	259	655
61727	62092	2049	2050	5	40	53	73	50	30	9	8	19	4	42	19	45	261	657
62092	62457	2050	2051	5	40	53	73	50	30	9	8	19	4	42	19	45	262	660
62457	62822	2051	2052	5	40	53	73	50	30	9	8	19	4	43	19	46	264	662
62822	63188	2052	2053	5	40	53	73	50	30	9	8	19	4	43	19	46	266	665
63188	63553	2053	2054	5	40	53	73	50	30	9	8	19	4	43	19	46	267	667
63553	63918	2054	2055	5	40	53	73	50	31	9	8	19	4	43	19	46	269	670
63918	64283	2055	2056	5	40	53	73	50	31	9	8	19	4	43	19	46	271	672
64283	64649	2056	2057	5	40	53	73	50	31	9	8	19	4	43	19	47	272	675
64649	65014	2057	2058	5	40	53	73	50	31	10	8	19	4	44	20	47	274	677
65014	65379	2058	2059	5	41	53	74	50	31	10	8	20	4	44	20	47	275	680
65379	65744	2059	2060	5	41	53	74	50	31	10	8	20	4	44	20	47	277	682
65744	66110	2060	2061	5	41	53	74	50	31	10	8	20	4	44	20	47	278	685
66110	66475	2061	2062	5	41	53	74	50	31	10	8	20	4	44	20	47	280	687
66475	66840	2062	2063	5	41	53	74	51	31	10	8	20	4	44	20	48	282	690
66840	67205	2063	2064	5	41	53	74	51	31	10	8	20	4	44	20	48	283	692
67205	67571	2064	2065	5	41	53	74	51	31	10	8	20	4	45	20	48	285	695
67571	67936	2065	2066	5	41	53	74	51	31	10	8	20	4	45	20	48	286	698
67936	68301	2066	2067	5	41	53	74	51	32	10	9	20	4	45	20	48	288	700

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Salt Load
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)														
48943	49308	2014	2015	0.1	1.1	1.4	1.9	1.3	0.8	0.2	0.2	0.4	0.1	1.0	0.4	0.6	6.0	15.6
49308	49673	2015	2016	0.1	1.1	1.4	1.9	1.3	0.8	0.2	0.2	0.4	0.1	1.0	0.4	0.6	6.0	15.6
49673	50039	2016	2017	0.1	1.1	1.4	1.9	1.3	0.8	0.2	0.2	0.4	0.1	1.0	0.4	0.6	6.1	15.7
50039	50404	2017	2018	0.1	1.1	1.4	1.9	1.3	0.8	0.2	0.2	0.4	0.1	1.0	0.4	0.6	6.1	15.7
50404	50769	2018	2019	0.1	1.1	1.4	1.9	1.3	0.8	0.2	0.2	0.4	0.1	1.0	0.5	0.6	6.1	15.8
50769	51134	2019	2020	0.1	1.1	1.4	1.9	1.3	0.8	0.2	0.2	0.4	0.1	1.0	0.5	0.6	6.2	15.9
51134	51500	2020	2021	0.1	1.1	1.4	1.9	1.3	0.8	0.2	0.2	0.4	0.1	1.0	0.5	0.6	6.2	15.9
51500	51865	2021	2022	0.1	1.1	1.4	1.9	1.3	0.8	0.2	0.2	0.4	0.1	1.0	0.5	0.6	6.3	16.0
51865	52230	2022	2023	0.1	1.1	1.4	1.9	1.3	0.8	0.2	0.2	0.4	0.1	1.0	0.5	0.6	6.3	16.0
52230	52595	2023	2024	0.1	1.1	1.4	1.9	1.3	0.8	0.2	0.2	0.5	0.1	1.0	0.5	0.6	6.4	16.1
52595	52961	2024	2025	0.1	1.1	1.4	1.9	1.3	0.8	0.2	0.2	0.5	0.1	1.1	0.5	0.6	6.4	16.2
52961	53326	2025	2026	0.1	1.1	1.4	1.9	1.3	0.8	0.2	0.2	0.5	0.1	1.1	0.5	0.6	6.5	16.2
53326	53691	2026	2027	0.1	1.1	1.4	1.9	1.3	0.8	0.2	0.2	0.5	0.1	1.1	0.5	0.6	6.5	16.3
53691	54056	2027	2028	0.1	1.1	1.4	1.9	1.3	0.8	0.2	0.2	0.5	0.1	1.1	0.5	0.6	6.5	16.4
54056	54422	2028	2029	0.1	1.1	1.4	2.0	1.3	0.8	0.2	0.2	0.5	0.1	1.1	0.5	0.6	6.6	16.4
54422	54787	2029	2030	0.1	1.1	1.4	2.0	1.3	0.8	0.2	0.2	0.5	0.1	1.1	0.5	0.7	6.6	16.5
54787	55152	2030	2031	0.1	1.1	1.4	2.0	1.3	0.8	0.2	0.2	0.5	0.1	1.1	0.5	0.7	6.7	16.5
55152	55517	2031	2032	0.1	1.1	1.4	2.0	1.3	0.8	0.2	0.2	0.5	0.1	1.1	0.5	0.7	6.7	16.6
55517	55883	2032	2033	0.1	1.1	1.4	2.0	1.3	0.8	0.2	0.2	0.5	0.1	1.1	0.5	0.7	6.8	16.7
55883	56248	2033	2034	0.1	1.1	1.4	2.0	1.3	0.8	0.2	0.2	0.5	0.1	1.1	0.5	0.7	6.8	16.8
56248	56613	2034	2035	0.1	1.1	1.4	2.0	1.3	0.8	0.2	0.2	0.5	0.1	1.1	0.5	0.7	6.9	16.8
56613	56978	2035	2036	0.1	1.1	1.4	2.0	1.3	0.8	0.2	0.2	0.5	0.1	1.1	0.5	0.7	6.9	16.9
56978	57344	2036	2037	0.1	1.1	1.4	2.0	1.3	0.8	0.2	0.2	0.5	0.1	1.1	0.5	0.7	7.0	17.0
57344	57709	2037	2038	0.1	1.1	1.4	2.0	1.3	0.8	0.2	0.2	0.5	0.1	1.1	0.5	0.7	7.0	17.0
57709	58074	2038	2039	0.1	1.1	1.4	2.0	1.3	0.8	0.2	0.2	0.5	0.1	1.1	0.5	0.7	7.0	17.1
58074	58439	2039	2040	0.1	1.1	1.4	2.0	1.3	0.8	0.2	0.2	0.5	0.1	1.1	0.5	0.7	7.1	17.1
58439	58805	2040	2041	0.1	1.1	1.4	2.0	1.3	0.8	0.2	0.2	0.5	0.1	1.1	0.5	0.7	7.1	17.2
58805	59170	2041	2042	0.1	1.1	1.4	2.0	1.3	0.8	0.2	0.2	0.5	0.1	1.1	0.5	0.7	7.2	17.3
59170	59535	2042	2043	0.1	1.1	1.4	2.0	1.3	0.8	0.2	0.2	0.5	0.1	1.1	0.5	0.7	7.2	17.4
59535	59900	2043	2044	0.1	1.1	1.4	2.0	1.3	0.8	0.2	0.2	0.5	0.1	1.1	0.5	0.7	7.3	17.4
59900	60266	2044	2045	0.1	1.1	1.4	2.0	1.3	0.8	0.2	0.2	0.5	0.1	1.1	0.5	0.7	7.3	17.5
60266	60631	2045	2046	0.1	1.1	1.4	2.0	1.3	0.8	0.3	0.2	0.5	0.1	1.1	0.5	0.7	7.4	17.6
60631	60996	2046	2047	0.1	1.1	1.4	2.0	1.3	0.8	0.3	0.2	0.5	0.1	1.1	0.5	0.7	7.4	17.6
60996	61361	2047	2048	0.1	1.1	1.4	2.0	1.4	0.8	0.3	0.2	0.5	0.1	1.1	0.5	0.7	7.5	17.7
61361	61727	2048	2049	0.1	1.1	1.4	2.0	1.4	0.8	0.3	0.2	0.5	0.1	1.2	0.5	0.7	7.5	17.8
61727	62092	2049	2050	0.1	1.1	1.4	2.0	1.4	0.8	0.3	0.2	0.5	0.1	1.2	0.5	0.7	7.5	17.8
62092	62457	2050	2051	0.1	1.1	1.4	2.0	1.4	0.8	0.3	0.2	0.5	0.1	1.2	0.5	0.7	7.6	17.9
62457	62822	2051	2052	0.1	1.1	1.4	2.0	1.4	0.8	0.3	0.2	0.5	0.1	1.2	0.5	0.7	7.6	18.0
62822	63188	2052	2053	0.1	1.1	1.4	2.0	1.4	0.8	0.3	0.2	0.5	0.1	1.2	0.5	0.7	7.7	18.0
63188	63553	2053	2054	0.1	1.1	1.4	2.0	1.4	0.8	0.3	0.2	0.5	0.1	1.2	0.5	0.7	7.7	18.1
63553	63918	2054	2055	0.1	1.1	1.4	2.0	1.4	0.8	0.3	0.2	0.5	0.1	1.2	0.5	0.7	7.8	18.2
63918	64283	2055	2056	0.1	1.1	1.4	2.0	1.4	0.8	0.3	0.2	0.5	0.1	1.2	0.5	0.7	7.8	18.3
64283	64649	2056	2057	0.1	1.1	1.4	2.0	1.4	0.8	0.3	0.2	0.5	0.1	1.2	0.5	0.7	7.9	18.3
64649	65014	2057	2058	0.1	1.1	1.4	2.0	1.4	0.8	0.3	0.2	0.5	0.1	1.2	0.5	0.7	7.9	18.4
65014	65379	2058	2059	0.1	1.1	1.4	2.0	1.4	0.8	0.3	0.2	0.5	0.1	1.2	0.5	0.7	8.0	18.5
65379	65744	2059	2060	0.1	1.1	1.4	2.0	1.4	0.8	0.3	0.2	0.5	0.1	1.2	0.5	0.7	8.0	18.5
65744	66110	2060	2061	0.1	1.1	1.4	2.0	1.4	0.8	0.3	0.2	0.5	0.1	1.2	0.5	0.7	8.0	18.6
66110	66475	2061	2062	0.1	1.1	1.4	2.0	1.4	0.8	0.3	0.2	0.5	0.1	1.2	0.5	0.7	8.1	18.7
66475	66840	2062	2063	0.1	1.1	1.4	2.0	1.4	0.9	0.3	0.2	0.5	0.1	1.2	0.5	0.7	8.1	18.7
66840	67205	2063	2064	0.1	1.1	1.4	2.0	1.4	0.9	0.3	0.2	0.5	0.1	1.2	0.5	0.8	8.2	18.8
67205	67571	2064	2065	0.1	1.1	1.5	2.0	1.4	0.9	0.3	0.2	0.5	0.1	1.2	0.5	0.8	8.2	18.9
67571	67936	2065	2066	0.1	1.1	1.5	2.0	1.4	0.9	0.3	0.2	0.6	0.1	1.2	0.6	0.8	8.3	18.9
67936	68301	2066	2067	0.1	1.1	1.5	2.0	1.4	0.9	0.3	0.2	0.6	0.1	1.2	0.6	0.8	8.3	19.0

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S2 model)

				Simarloo															
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Flux
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)														
68301	68666	2067	2068	5	41	53	74	51	32	10	9	20	4	45	20	49	289	702
68666	69032	2068	2069	5	41	53	74	51	32	10	9	21	5	45	20	49	291	705
69032	69397	2069	2070	5	41	53	74	51	32	10	9	21	5	45	21	49	292	707
69397	69762	2070	2071	5	41	53	75	51	32	10	9	21	5	46	21	49	294	710
69762	70127	2071	2072	5	41	53	75	51	32	10	9	21	5	46	21	49	295	712
70127	70493	2072	2073	5	41	53	75	51	32	10	9	21	5	46	21	49	297	715
70493	70858	2073	2074	5	41	53	75	51	32	10	9	21	5	46	21	50	299	718
70858	71223	2074	2075	5	41	53	75	51	32	10	9	21	5	46	21	50	300	720
71223	71588	2075	2076	5	41	54	75	51	32	10	9	21	5	46	21	50	302	723
71588	71954	2076	2077	5	41	54	75	52	32	10	9	21	5	46	21	50	303	725
71954	72319	2077	2078	5	42	54	75	52	32	10	9	22	5	47	21	50	305	728
72319	72684	2078	2079	5	42	54	75	52	33	11	9	22	5	47	21	51	306	730
72684	73049	2079	2080	5	42	54	75	52	33	11	9	22	5	47	21	51	307	732
73049	73415	2080	2081	5	42	54	75	52	33	11	9	22	5	47	22	51	309	735
73415	73780	2081	2082	5	42	54	75	52	33	11	9	22	5	47	22	51	311	737
73780	74145	2082	2083	5	42	54	76	52	33	11	9	22	5	47	22	51	312	740
74145	74510	2083	2084	5	42	54	76	52	33	11	9	22	5	47	22	51	314	742
74510	74876	2084	2085	5	42	54	76	52	33	11	9	22	5	48	22	52	315	745
74876	75241	2085	2086	5	42	54	76	52	33	11	9	23	5	48	22	52	316	747
75241	75606	2086	2087	5	42	54	76	52	33	11	9	23	5	48	22	52	318	750
75606	75971	2087	2088	5	42	54	76	52	33	11	9	23	5	48	22	52	319	752
75971	76337	2088	2089	5	42	54	76	52	33	11	9	23	5	48	22	52	321	754
76337	76702	2089	2090	5	42	54	76	52	33	11	10	23	5	48	22	52	322	757
76702	77067	2090	2091	5	42	54	76	52	33	11	10	23	5	48	22	53	324	759
77067	77432	2091	2092	5	42	54	76	53	34	11	10	23	5	49	23	53	325	762
77432	77798	2092	2093	5	42	54	76	53	34	11	10	23	5	49	23	53	326	764
77798	78163	2093	2094	5	42	54	77	53	34	11	10	24	5	49	23	53	328	767
78163	78528	2094	2095	5	42	54	77	53	34	11	10	24	5	49	23	53	329	769
78528	78893	2095	2096	5	42	54	77	53	34	11	10	24	5	49	23	53	331	771
78893	79259	2096	2097	5	43	54	77	53	34	11	10	24	5	49	23	54	332	774
79259	79624	2097	2098	5	43	54	77	53	34	11	10	24	5	49	23	54	333	776
79624	79989	2098	2099	5	43	54	77	53	34	12	10	24	5	50	23	54	335	778
79989	80354	2099	2100	5	43	54	77	53	34	12	10	24	5	50	23	54	336	781
80354	80719	2100	2101	5	43	54	77	53	34	12	10	24	5	50	23	54	337	783
80719	81084	2101	2102	5	43	54	77	53	34	12	10	25	6	50	23	54	339	785
81084	81449	2102	2103	5	43	54	77	53	34	12	10	25	6	50	24	55	340	788
81449	81814	2103	2104	5	43	54	78	53	34	12	10	25	6	50	24	55	342	790
81814	82180	2104	2105	5	43	54	78	53	35	12	10	25	6	50	24	55	343	792
82180	82545	2105	2106	5	43	54	78	53	35	12	10	25	6	51	24	55	344	795
82545	82910	2106	2107	5	43	55	78	54	35	12	10	25	6	51	24	55	346	797
82910	83275	2107	2108	5	43	55	78	54	35	12	10	25	6	51	24	55	347	799
83275	83641	2108	2109	5	43	55	78	54	35	12	10	25	6	51	24	56	348	801
83641	84006	2109	2110	5	43	55	78	54	35	12	10	25	6	51	24	56	349	803
84006	84371	2110	2111	5	43	55	78	54	35	12	11	26	6	51	24	56	351	806
84371	84736	2111	2112	5	43	55	78	54	35	12	11	26	6	51	24	56	352	808
84736	85102	2112	2113	5	43	55	78	54	35	12	11	26	6	51	24	56	353	810
85102	85467	2113	2114	5	43	55	78	54	35	12	11	26	6	52	24	56	355	812
85467	85832	2114	2115	5	43	55	79	54	35	12	11	26	6	52	25	56	356	814
85832	86197	2115	2116	5	44	55	79	54	35	12	11	26	6	52	25	57	357	817
86197	86563	2116	2117	5	44	55	79	54	35	13	11	26	6	52	25	57	358	819
86563	86928	2117	2118	5	44	55	79	54	35	13	11	26	6	52	25	57	359	821
86928	87293	2118	2119	5	44	55	79	54	36	13	11	27	6	52	25	57	361	823
87293	87658	2119	2120	5	44	55	79	54	36	13	11	27	6	52	25	57	362	825

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Salt Load
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)														
68301	68666	2067	2068	0.1	1.1	1.5	2.0	1.4	0.9	0.3	0.2	0.6	0.1	1.2	0.6	0.8	8.4	19.1
68666	69032	2068	2069	0.1	1.1	1.5	2.0	1.4	0.9	0.3	0.2	0.6	0.1	1.2	0.6	0.8	8.4	19.1
69032	69397	2069	2070	0.1	1.1	1.5	2.0	1.4	0.9	0.3	0.2	0.6	0.1	1.2	0.6	0.8	8.5	19.2
69397	69762	2070	2071	0.1	1.1	1.5	2.0	1.4	0.9	0.3	0.2	0.6	0.1	1.2	0.6	0.8	8.5	19.3
69762	70127	2071	2072	0.1	1.1	1.5	2.0	1.4	0.9	0.3	0.2	0.6	0.1	1.2	0.6	0.8	8.5	19.3
70127	70493	2072	2073	0.1	1.1	1.5	2.0	1.4	0.9	0.3	0.2	0.6	0.1	1.3	0.6	0.8	8.6	19.4
70493	70858	2073	2074	0.1	1.1	1.5	2.0	1.4	0.9	0.3	0.2	0.6	0.1	1.3	0.6	0.8	8.6	19.5
70858	71223	2074	2075	0.1	1.1	1.5	2.0	1.4	0.9	0.3	0.2	0.6	0.1	1.3	0.6	0.8	8.7	19.6
71223	71588	2075	2076	0.1	1.1	1.5	2.0	1.4	0.9	0.3	0.2	0.6	0.1	1.3	0.6	0.8	8.7	19.6
71588	71954	2076	2077	0.1	1.1	1.5	2.0	1.4	0.9	0.3	0.2	0.6	0.1	1.3	0.6	0.8	8.8	19.7
71954	72319	2077	2078	0.1	1.1	1.5	2.0	1.4	0.9	0.3	0.2	0.6	0.1	1.3	0.6	0.8	8.8	19.8
72319	72684	2078	2079	0.1	1.1	1.5	2.1	1.4	0.9	0.3	0.2	0.6	0.1	1.3	0.6	0.8	8.9	19.8
72684	73049	2079	2080	0.1	1.1	1.5	2.1	1.4	0.9	0.3	0.2	0.6	0.1	1.3	0.6	0.8	8.9	19.9
73049	73415	2080	2081	0.1	1.1	1.5	2.1	1.4	0.9	0.3	0.2	0.6	0.1	1.3	0.6	0.8	8.9	20.0
73415	73780	2081	2082	0.1	1.1	1.5	2.1	1.4	0.9	0.3	0.3	0.6	0.1	1.3	0.6	0.8	9.0	20.0
73780	74145	2082	2083	0.1	1.1	1.5	2.1	1.4	0.9	0.3	0.3	0.6	0.1	1.3	0.6	0.8	9.0	20.1
74145	74510	2083	2084	0.1	1.1	1.5	2.1	1.4	0.9	0.3	0.3	0.6	0.1	1.3	0.6	0.8	9.1	20.2
74510	74876	2084	2085	0.1	1.1	1.5	2.1	1.4	0.9	0.3	0.3	0.6	0.1	1.3	0.6	0.8	9.1	20.2
74876	75241	2085	2086	0.1	1.1	1.5	2.1	1.4	0.9	0.3	0.3	0.6	0.1	1.3	0.6	0.8	9.2	20.3
75241	75606	2086	2087	0.1	1.1	1.5	2.1	1.4	0.9	0.3	0.3	0.6	0.1	1.3	0.6	0.8	9.2	20.4
75606	75971	2087	2088	0.1	1.1	1.5	2.1	1.4	0.9	0.3	0.3	0.6	0.1	1.3	0.6	0.8	9.2	20.4
75971	76337	2088	2089	0.1	1.1	1.5	2.1	1.4	0.9	0.3	0.3	0.6	0.1	1.3	0.6	0.8	9.3	20.5
76337	76702	2089	2090	0.1	1.1	1.5	2.1	1.4	0.9	0.3	0.3	0.6	0.1	1.3	0.6	0.8	9.3	20.6
76702	77067	2090	2091	0.1	1.2	1.5	2.1	1.4	0.9	0.3	0.3	0.6	0.1	1.3	0.6	0.8	9.4	20.6
77067	77432	2091	2092	0.1	1.2	1.5	2.1	1.4	0.9	0.3	0.3	0.6	0.1	1.3	0.6	0.8	9.4	20.7
77432	77798	2092	2093	0.1	1.2	1.5	2.1	1.4	0.9	0.3	0.3	0.6	0.1	1.3	0.6	0.8	9.4	20.8
77798	78163	2093	2094	0.1	1.2	1.5	2.1	1.4	0.9	0.3	0.3	0.6	0.1	1.3	0.6	0.8	9.5	20.8
78163	78528	2094	2095	0.1	1.2	1.5	2.1	1.4	0.9	0.3	0.3	0.6	0.1	1.3	0.6	0.8	9.5	20.9
78528	78893	2095	2096	0.1	1.2	1.5	2.1	1.4	0.9	0.3	0.3	0.6	0.1	1.3	0.6	0.8	9.6	21.0
78893	79259	2096	2097	0.1	1.2	1.5	2.1	1.4	0.9	0.3	0.3	0.7	0.1	1.3	0.6	0.8	9.6	21.0
79259	79624	2097	2098	0.1	1.2	1.5	2.1	1.4	0.9	0.3	0.3	0.7	0.1	1.3	0.6	0.8	9.6	21.1
79624	79989	2098	2099	0.1	1.2	1.5	2.1	1.4	0.9	0.3	0.3	0.7	0.1	1.4	0.6	0.8	9.7	21.2
79989	80354	2099	2100	0.1	1.2	1.5	2.1	1.4	0.9	0.3	0.3	0.7	0.1	1.4	0.6	0.8	9.7	21.2
80354	80719	2100	2101	0.1	1.2	1.5	2.1	1.5	0.9	0.3	0.3	0.7	0.1	1.4	0.6	0.9	9.8	21.3
80719	81084	2101	2102	0.1	1.2	1.5	2.1	1.5	0.9	0.3	0.3	0.7	0.2	1.4	0.6	0.9	9.8	21.3
81084	81449	2102	2103	0.1	1.2	1.5	2.1	1.5	0.9	0.3	0.3	0.7	0.2	1.4	0.6	0.9	9.8	21.4
81449	81814	2103	2104	0.1	1.2	1.5	2.1	1.5	0.9	0.3	0.3	0.7	0.2	1.4	0.6	0.9	9.9	21.5
81814	82180	2104	2105	0.1	1.2	1.5	2.1	1.5	0.9	0.3	0.3	0.7	0.2	1.4	0.6	0.9	9.9	21.5
82180	82545	2105	2106	0.1	1.2	1.5	2.1	1.5	0.9	0.3	0.3	0.7	0.2	1.4	0.6	0.9	10.0	21.6
82545	82910	2106	2107	0.1	1.2	1.5	2.1	1.5	0.9	0.3	0.3	0.7	0.2	1.4	0.7	0.9	10.0	21.7
82910	83275	2107	2108	0.1	1.2	1.5	2.1	1.5	0.9	0.3	0.3	0.7	0.2	1.4	0.7	0.9	10.0	21.7
83275	83641	2108	2109	0.1	1.2	1.5	2.1	1.5	1.0	0.3	0.3	0.7	0.2	1.4	0.7	0.9	10.1	21.8
83641	84006	2109	2110	0.1	1.2	1.5	2.1	1.5	1.0	0.3	0.3	0.7	0.2	1.4	0.7	0.9	10.1	21.8
84006	84371	2110	2111	0.1	1.2	1.5	2.1	1.5	1.0	0.3	0.3	0.7	0.2	1.4	0.7	0.9	10.1	21.9
84371	84736	2111	2112	0.1	1.2	1.5	2.1	1.5	1.0	0.3	0.3	0.7	0.2	1.4	0.7	0.9	10.2	22.0
84736	85102	2112	2113	0.1	1.2	1.5	2.1	1.5	1.0	0.3	0.3	0.7	0.2	1.4	0.7	0.9	10.2	22.0
85102	85467	2113	2114	0.1	1.2	1.5	2.1	1.5	1.0	0.3	0.3	0.7	0.2	1.4	0.7	0.9	10.3	22.1
85467	85832	2114	2115	0.1	1.2	1.5	2.1	1.5	1.0	0.3	0.3	0.7	0.2	1.4	0.7	0.9	10.3	22.1
85832	86197	2115	2116	0.1	1.2	1.5	2.1	1.5	1.0	0.3	0.3	0.7	0.2	1.4	0.7	0.9	10.3	22.2
86197	86563	2116	2117	0.1	1.2	1.5	2.1	1.5	1.0	0.3	0.3	0.7	0.2	1.4	0.7	0.9	10.4	22.3
86563	86928	2117	2118	0.1	1.2	1.5	2.2	1.5	1.0	0.3	0.3	0.7	0.2	1.4	0.7	0.9	10.4	22.3
86928	87293	2118	2119	0.1	1.2	1.5	2.2	1.5	1.0	0.3	0.3	0.7	0.2	1.4	0.7	0.9	10.4	22.4
87293	87658	2119	2120	0.1	1.2	1.5	2.2	1.5	1.0	0.3	0.3	0.7	0.2	1.4	0.7	0.9	10.5	22.4

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S2 model)

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Flux
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)								
0	1	1880	1880	0	827	78	4	128	218	39	237	1530
1	1827	1880	1885	0	827	78	4	128	218	39	237	1530
1827	3653	1885	1890	0	827	78	4	128	218	39	237	1530
3653	5479	1890	1895	0	827	78	4	128	218	39	237	1530
5479	7305	1895	1900	0	827	78	4	128	218	39	237	1530
7305	9131	1900	1905	0	827	78	4	128	218	38	237	1530
9131	10957	1905	1910	0	827	78	4	128	218	38	237	1530
10957	12783	1910	1915	0	827	78	4	128	218	38	237	1530
12783	14609	1915	1920	0	827	78	4	128	218	38	237	1530
14609	16436	1920	1925	0	827	78	4	128	218	38	237	1530
16436	18262	1925	1930	0	827	78	4	128	218	39	237	1530
18262	20088	1930	1935	0	827	78	4	128	218	39	237	1531
20088	21914	1935	1940	0	827	78	4	128	218	39	237	1531
21914	23741	1940	1945	0	827	78	4	128	218	39	238	1532
23741	25567	1945	1950	0	827	78	4	128	218	39	239	1533
25567	27393	1950	1955	0	827	79	4	128	218	39	240	1535
27393	29219	1955	1960	0	827	79	4	128	218	39	241	1536
29219	31046	1960	1965	0	827	79	4	128	218	40	242	1538
31046	32872	1965	1970	0	827	79	4	128	219	40	244	1540
32872	34698	1970	1975	0	827	79	4	129	219	41	246	1543
34698	36524	1975	1980	0	827	79	4	129	219	41	248	1546
36524	37255	1980	1982	0	827	79	4	129	219	41	249	1548
37255	37985	1982	1984	0	827	79	4	129	219	42	250	1549
37985	38351	1984	1985	0	827	79	4	129	219	42	251	1550
38351	38716	1985	1986	0	827	79	4	129	219	42	252	1551
38716	39446	1986	1988	0	827	79	4	129	219	42	253	1553
39446	39812	1988	1989	0	827	79	4	129	219	42	253	1553
39812	40177	1989	1990	0	827	79	4	129	219	43	254	1554
40177	40542	1990	1991	0	827	79	4	129	219	43	255	1555
40542	40907	1991	1992	0	827	79	4	129	219	43	255	1556
40907	41273	1992	1993	0	827	79	4	129	219	43	256	1557
41273	41638	1993	1994	0	827	79	4	129	219	43	257	1558
41638	42003	1994	1995	0	827	79	4	129	219	44	258	1559
42003	42368	1995	1996	0	827	79	4	129	219	44	259	1560
42368	42734	1996	1997	0	827	79	4	129	219	44	259	1561
42734	43099	1997	1998	0	827	79	4	129	219	44	260	1562
43099	43464	1998	1999	0	827	79	4	129	219	44	261	1563
43464	43829	1999	2000	0	827	79	4	129	219	45	262	1564
43829	44195	2000	2001	0	827	79	4	129	219	45	263	1566
44195	44560	2001	2002	0	827	79	4	129	219	45	263	1567
44560	44925	2002	2003	0	827	79	4	129	219	45	264	1568
44925	45290	2003	2004	0	827	79	4	129	219	46	265	1569
45290	45656	2004	2005	0	827	79	4	129	219	46	266	1570
45656	46021	2005	2006	0	827	79	4	129	219	46	267	1572
46021	46386	2006	2007	0	827	79	4	129	219	46	268	1573
46386	46751	2007	2008	0	827	79	4	129	220	47	269	1574
46751	47117	2008	2009	0	827	79	4	129	220	47	270	1575
47117	47482	2009	2010	0	827	79	4	129	220	47	271	1576
47482	47847	2010	2011	0	827	79	4	129	220	47	272	1578
47847	48212	2011	2012	0	827	79	4	129	220	48	273	1579
48212	48578	2012	2013	0	827	79	4	129	220	48	274	1581
48578	48943	2013	2014	0	827	79	4	129	220	48	275	1582

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Salt Load
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)								
0	1	1880	1880	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
1	1827	1880	1885	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
1827	3653	1885	1890	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
3653	5479	1890	1895	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
5479	7305	1895	1900	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
7305	9131	1900	1905	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
9131	10957	1905	1910	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
10957	12783	1910	1915	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
12783	14609	1915	1920	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
14609	16436	1920	1925	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
16436	18262	1925	1930	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
18262	20088	1930	1935	0.0	0.8	0.1	0.0	0.1	5.3	1.2	10.0	17.4
20088	21914	1935	1940	0.0	0.8	0.1	0.0	0.1	5.3	1.2	10.0	17.4
21914	23741	1940	1945	0.0	0.8	0.1	0.0	0.1	5.3	1.2	10.0	17.5
23741	25567	1945	1950	0.0	0.8	0.1	0.0	0.1	5.3	1.3	10.0	17.5
25567	27393	1950	1955	0.0	0.8	0.1	0.0	0.1	5.3	1.3	10.1	17.5
27393	29219	1955	1960	0.0	0.8	0.1	0.0	0.1	5.3	1.3	10.1	17.6
29219	31046	1960	1965	0.0	0.8	0.1	0.0	0.1	5.3	1.3	10.2	17.7
31046	32872	1965	1970	0.0	0.8	0.1	0.0	0.1	5.3	1.3	10.2	17.8
32872	34698	1970	1975	0.0	0.8	0.1	0.0	0.1	5.3	1.3	10.3	17.9
34698	36524	1975	1980	0.0	0.8	0.1	0.0	0.1	5.3	1.3	10.4	18.0
36524	37255	1980	1982	0.0	0.8	0.1	0.0	0.1	5.3	1.3	10.5	18.0
37255	37985	1982	1984	0.0	0.8	0.1	0.0	0.1	5.3	1.3	10.5	18.1
37985	38351	1984	1985	0.0	0.8	0.1	0.0	0.1	5.3	1.3	10.5	18.1
38351	38716	1985	1986	0.0	0.8	0.1	0.0	0.1	5.3	1.4	10.6	18.2
38716	39446	1986	1988	0.0	0.8	0.1	0.0	0.1	5.3	1.4	10.6	18.2
39446	39812	1988	1989	0.0	0.8	0.1	0.0	0.1	5.3	1.4	10.6	18.2
39812	40177	1989	1990	0.0	0.8	0.1	0.0	0.1	5.3	1.4	10.7	18.3
40177	40542	1990	1991	0.0	0.8	0.1	0.0	0.1	5.3	1.4	10.7	18.3
40542	40907	1991	1992	0.0	0.8	0.1	0.0	0.1	5.3	1.4	10.7	18.4
40907	41273	1992	1993	0.0	0.8	0.1	0.0	0.1	5.3	1.4	10.8	18.4
41273	41638	1993	1994	0.0	0.8	0.1	0.0	0.1	5.3	1.4	10.8	18.4
41638	42003	1994	1995	0.0	0.8	0.1	0.0	0.1	5.3	1.4	10.8	18.5
42003	42368	1995	1996	0.0	0.8	0.1	0.0	0.1	5.3	1.4	10.9	18.5
42368	42734	1996	1997	0.0	0.8	0.1	0.0	0.1	5.3	1.4	10.9	18.6
42734	43099	1997	1998	0.0	0.8	0.1	0.0	0.1	5.3	1.4	10.9	18.6
43099	43464	1998	1999	0.0	0.8	0.1	0.0	0.1	5.3	1.4	11.0	18.6
43464	43829	1999	2000	0.0	0.8	0.1	0.0	0.1	5.3	1.4	11.0	18.7
43829	44195	2000	2001	0.0	0.8	0.1	0.0	0.1	5.3	1.4	11.0	18.7
44195	44560	2001	2002	0.0	0.8	0.1	0.0	0.1	5.3	1.5	11.1	18.8
44560	44925	2002	2003	0.0	0.8	0.1	0.0	0.1	5.3	1.5	11.1	18.8
44925	45290	2003	2004	0.0	0.8	0.1	0.0	0.1	5.3	1.5	11.1	18.9
45290	45656	2004	2005	0.0	0.8	0.1	0.0	0.1	5.3	1.5	11.2	18.9
45656	46021	2005	2006	0.0	0.8	0.1	0.0	0.1	5.3	1.5	11.2	19.0
46021	46386	2006	2007	0.0	0.8	0.1	0.0	0.1	5.3	1.5	11.3	19.0
46386	46751	2007	2008	0.0	0.8	0.1	0.0	0.1	5.3	1.5	11.3	19.0
46751	47117	2008	2009	0.0	0.8	0.1	0.0	0.1	5.3	1.5	11.3	19.1
47117	47482	2009	2010	0.0	0.8	0.1	0.0	0.1	5.3	1.5	11.4	19.1
47482	47847	2010	2011	0.0	0.8	0.1	0.0	0.1	5.3	1.5	11.4	19.2
47847	48212	2011	2012	0.0	0.8	0.1	0.0	0.1	5.3	1.5	11.5	19.2
48212	48578	2012	2013	0.0	0.8	0.1	0.0	0.1	5.3	1.5	11.5	19.3
48578	48943	2013	2014	0.0	0.8	0.1	0.0	0.1	5.3	1.6	11.5	19.4

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S2 model)

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Flux
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)								
48943	49308	2014	2015	0	827	79	4	129	220	48	276	1583
49308	49673	2015	2016	0	827	79	4	129	220	49	277	1585
49673	50039	2016	2017	0	827	79	4	129	220	49	278	1586
50039	50404	2017	2018	0	827	79	4	129	220	49	279	1588
50404	50769	2018	2019	0	827	79	4	129	220	50	280	1589
50769	51134	2019	2020	0	827	79	4	129	220	50	281	1590
51134	51500	2020	2021	0	827	79	4	130	220	50	283	1592
51500	51865	2021	2022	0	827	79	4	130	220	51	284	1594
51865	52230	2022	2023	0	827	79	4	130	220	51	285	1596
52230	52595	2023	2024	0	827	79	4	130	220	51	286	1597
52595	52961	2024	2025	0	827	79	4	130	220	52	288	1599
52961	53326	2025	2026	0	827	79	4	130	220	52	289	1601
53326	53691	2026	2027	0	827	79	4	130	220	52	290	1602
53691	54056	2027	2028	0	827	79	4	130	220	53	291	1604
54056	54422	2028	2029	0	827	79	4	130	220	53	292	1605
54422	54787	2029	2030	0	827	79	4	130	220	53	293	1607
54787	55152	2030	2031	0	827	79	4	130	220	54	295	1609
55152	55517	2031	2032	0	827	79	4	130	220	54	296	1611
55517	55883	2032	2033	0	827	79	4	130	220	55	298	1613
55883	56248	2033	2034	0	827	79	4	130	221	55	299	1615
56248	56613	2034	2035	0	827	79	4	130	221	56	300	1617
56613	56978	2035	2036	0	827	79	4	130	221	56	302	1618
56978	57344	2036	2037	0	827	79	4	130	221	56	303	1620
57344	57709	2037	2038	0	827	79	4	130	221	57	304	1622
57709	58074	2038	2039	0	827	79	4	130	221	57	305	1623
58074	58439	2039	2040	0	827	79	4	130	221	58	307	1625
58439	58805	2040	2041	0	827	79	4	130	221	58	308	1628
58805	59170	2041	2042	0	827	79	4	130	221	59	310	1630
59170	59535	2042	2043	0	827	79	4	130	221	59	312	1632
59535	59900	2043	2044	0	827	79	4	130	221	60	313	1634
59900	60266	2044	2045	0	827	79	4	130	221	60	315	1636
60266	60631	2045	2046	0	827	79	4	130	221	61	316	1638
60631	60996	2046	2047	0	827	79	4	130	221	61	317	1640
60996	61361	2047	2048	0	827	79	5	130	221	62	319	1642
61361	61727	2048	2049	0	827	79	5	130	221	62	320	1644
61727	62092	2049	2050	0	827	79	5	130	221	63	321	1646
62092	62457	2050	2051	0	827	79	5	130	221	64	323	1649
62457	62822	2051	2052	0	827	79	5	130	221	64	325	1651
62822	63188	2052	2053	0	827	79	5	130	222	65	327	1654
63188	63553	2053	2054	0	827	79	5	130	222	66	328	1656
63553	63918	2054	2055	0	827	79	5	130	222	66	330	1659
63918	64283	2055	2056	0	827	79	5	131	222	67	331	1661
64283	64649	2056	2057	0	827	79	5	131	222	67	333	1663
64649	65014	2057	2058	0	827	79	5	131	222	68	334	1665
65014	65379	2058	2059	0	827	79	5	131	222	68	336	1667
65379	65744	2059	2060	0	827	79	5	131	222	69	337	1669
65744	66110	2060	2061	0	827	79	5	131	222	70	339	1672
66110	66475	2061	2062	0	827	79	5	131	222	71	341	1675
66475	66840	2062	2063	0	827	79	5	131	222	71	343	1677
66840	67205	2063	2064	0	827	79	5	131	222	72	344	1680
67205	67571	2064	2065	0	827	79	5	131	222	73	346	1682
67571	67936	2065	2066	0	827	79	5	131	222	73	348	1685
67936	68301	2066	2067	0	827	79	5	131	222	74	349	1687

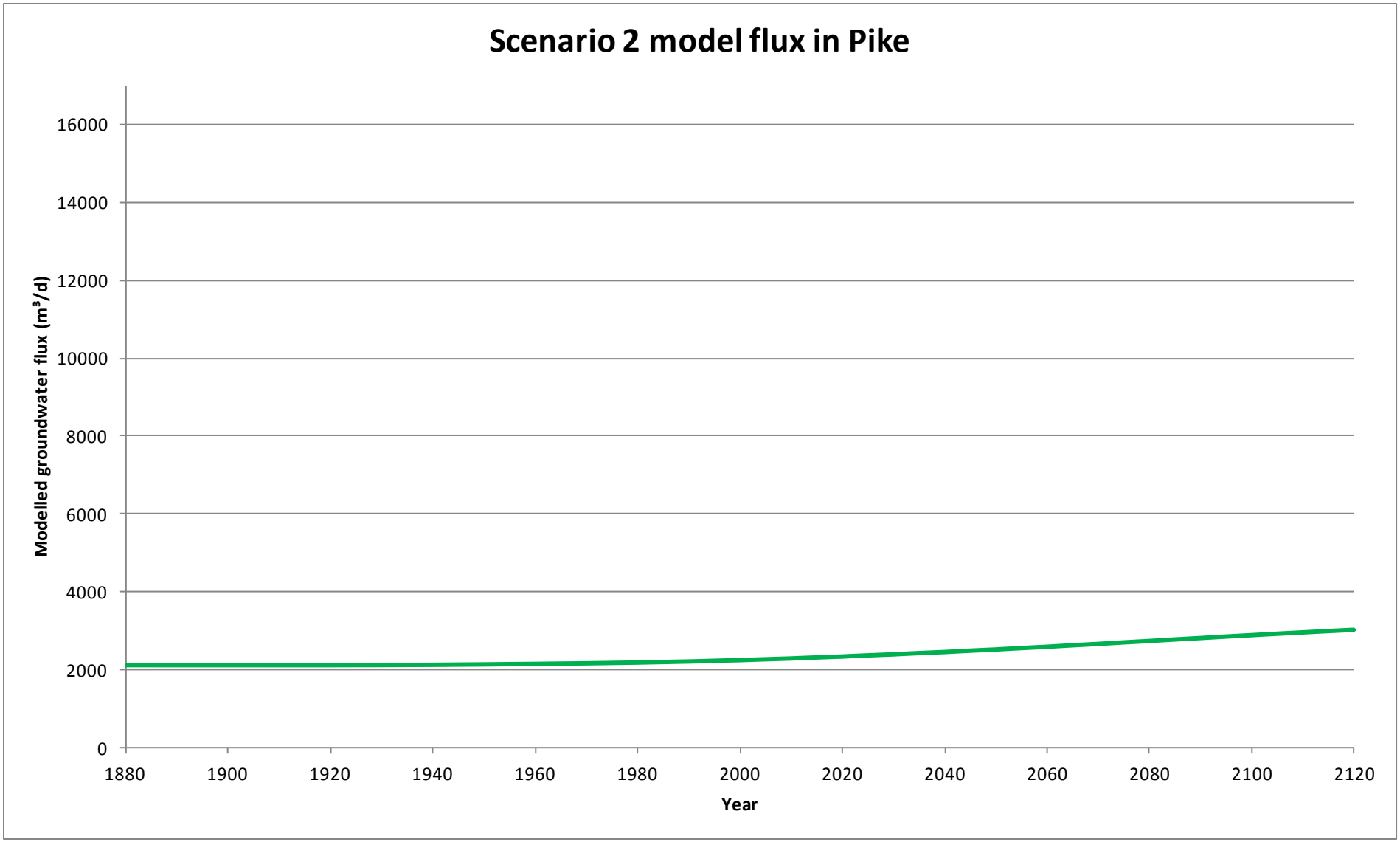
				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Salt Load
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)								
48943	49308	2014	2015	0.0	0.8	0.1	0.0	0.1	5.3	1.6	11.6	19.4
49308	49673	2015	2016	0.0	0.8	0.1	0.0	0.1	5.3	1.6	11.6	19.5
49673	50039	2016	2017	0.0	0.8	0.1	0.0	0.1	5.3	1.6	11.7	19.5
50039	50404	2017	2018	0.0	0.8	0.1	0.0	0.1	5.3	1.6	11.7	19.6
50404	50769	2018	2019	0.0	0.8	0.1	0.0	0.1	5.3	1.6	11.8	19.6
50769	51134	2019	2020	0.0	0.8	0.1	0.0	0.1	5.3	1.6	11.8	19.7
51134	51500	2020	2021	0.0	0.8	0.1	0.0	0.1	5.3	1.6	11.9	19.8
51500	51865	2021	2022	0.0	0.8	0.1	0.0	0.1	5.3	1.6	11.9	19.8
51865	52230	2022	2023	0.0	0.8	0.1	0.0	0.1	5.3	1.6	12.0	19.9
52230	52595	2023	2024	0.0	0.8	0.1	0.0	0.1	5.3	1.7	12.0	19.9
52595	52961	2024	2025	0.0	0.8	0.1	0.0	0.1	5.3	1.7	12.1	20.0
52961	53326	2025	2026	0.0	0.8	0.1	0.0	0.1	5.3	1.7	12.1	20.1
53326	53691	2026	2027	0.0	0.8	0.1	0.0	0.1	5.3	1.7	12.2	20.1
53691	54056	2027	2028	0.0	0.8	0.1	0.0	0.1	5.3	1.7	12.2	20.2
54056	54422	2028	2029	0.0	0.8	0.1	0.0	0.1	5.3	1.7	12.3	20.3
54422	54787	2029	2030	0.0	0.8	0.1	0.0	0.1	5.3	1.7	12.3	20.3
54787	55152	2030	2031	0.0	0.8	0.1	0.0	0.1	5.3	1.7	12.4	20.4
55152	55517	2031	2032	0.0	0.8	0.1	0.0	0.1	5.3	1.7	12.4	20.5
55517	55883	2032	2033	0.0	0.8	0.1	0.0	0.1	5.3	1.8	12.5	20.5
55883	56248	2033	2034	0.0	0.8	0.1	0.0	0.1	5.3	1.8	12.6	20.6
56248	56613	2034	2035	0.0	0.8	0.1	0.0	0.1	5.3	1.8	12.6	20.7
56613	56978	2035	2036	0.0	0.8	0.1	0.0	0.1	5.3	1.8	12.7	20.8
56978	57344	2036	2037	0.0	0.8	0.1	0.0	0.1	5.3	1.8	12.7	20.8
57344	57709	2037	2038	0.0	0.8	0.1	0.0	0.1	5.3	1.8	12.8	20.9
57709	58074	2038	2039	0.0	0.8	0.1	0.0	0.1	5.3	1.8	12.8	21.0
58074	58439	2039	2040	0.0	0.8	0.1	0.0	0.1	5.3	1.9	12.9	21.0
58439	58805	2040	2041	0.0	0.8	0.1	0.0	0.1	5.3	1.9	13.0	21.1
58805	59170	2041	2042	0.0	0.8	0.1	0.0	0.1	5.3	1.9	13.0	21.2
59170	59535	2042	2043	0.0	0.8	0.1	0.0	0.1	5.3	1.9	13.1	21.3
59535	59900	2043	2044	0.0	0.8	0.1	0.0	0.1	5.3	1.9	13.1	21.4
59900	60266	2044	2045	0.0	0.8	0.1	0.0	0.1	5.3	1.9	13.2	21.4
60266	60631	2045	2046	0.0	0.8	0.1	0.0	0.1	5.3	2.0	13.3	21.5
60631	60996	2046	2047	0.0	0.8	0.1	0.0	0.1	5.3	2.0	13.3	21.6
60996	61361	2047	2048	0.0	0.8	0.1	0.0	0.1	5.3	2.0	13.4	21.7
61361	61727	2048	2049	0.0	0.8	0.1	0.0	0.1	5.4	2.0	13.4	21.7
61727	62092	2049	2050	0.0	0.8	0.1	0.0	0.1	5.4	2.0	13.5	21.8
62092	62457	2050	2051	0.0	0.8	0.1	0.0	0.1	5.4	2.0	13.6	21.9
62457	62822	2051	2052	0.0	0.8	0.1	0.0	0.1	5.4	2.1	13.7	22.0
62822	63188	2052	2053	0.0	0.8	0.1	0.0	0.1	5.4	2.1	13.7	22.1
63188	63553	2053	2054	0.0	0.8	0.1	0.0	0.1	5.4	2.1	13.8	22.2
63553	63918	2054	2055	0.0	0.8	0.1	0.0	0.1	5.4	2.1	13.9	22.3
63918	64283	2055	2056	0.0	0.8	0.1	0.0	0.1	5.4	2.2	13.9	22.4
64283	64649	2056	2057	0.0	0.8	0.1	0.0	0.1	5.4	2.2	14.0	22.5
64649	65014	2057	2058	0.0	0.8	0.1	0.0	0.1	5.4	2.2	14.0	22.5
65014	65379	2058	2059	0.0	0.8	0.1	0.0	0.1	5.4	2.2	14.1	22.6
65379	65744	2059	2060	0.0	0.8	0.1	0.0	0.1	5.4	2.2	14.2	22.7
65744	66110	2060	2061	0.0	0.8	0.1	0.0	0.1	5.4	2.2	14.2	22.8
66110	66475	2061	2062	0.0	0.8	0.1	0.0	0.1	5.4	2.3	14.3	22.9
66475	66840	2062	2063	0.0	0.8	0.1	0.0	0.1	5.4	2.3	14.4	23.0
66840	67205	2063	2064	0.0	0.8	0.1	0.0	0.1	5.4	2.3	14.5	23.1
67205	67571	2064	2065	0.0	0.8	0.1	0.0	0.1	5.4	2.3	14.5	23.2
67571	67936	2065	2066	0.0	0.8	0.1	0.0	0.1	5.4	2.4	14.6	23.3
67936	68301	2066	2067	0.0	0.8	0.1	0.0	0.1	5.4	2.4	14.7	23.4

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S2 model)

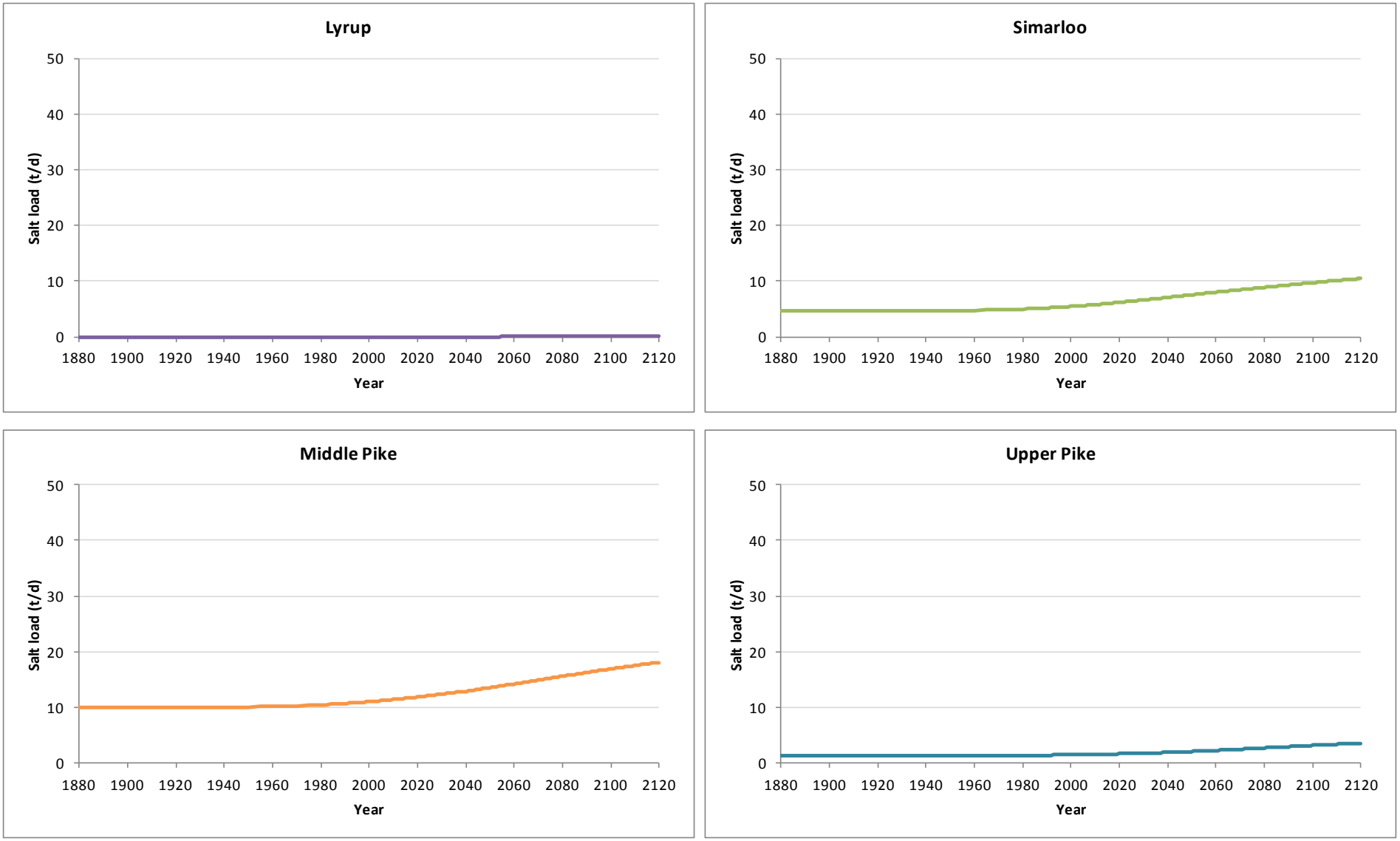
				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Flux
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)								
68301	68666	2067	2068	0	827	79	5	131	222	75	351	1689
68666	69032	2068	2069	0	827	79	5	131	223	75	352	1691
69032	69397	2069	2070	0	827	79	5	131	223	76	354	1694
69397	69762	2070	2071	0	827	79	5	131	223	77	356	1697
69762	70127	2071	2072	0	827	79	5	131	223	77	357	1699
70127	70493	2072	2073	0	827	79	5	131	223	78	359	1702
70493	70858	2073	2074	0	827	79	5	131	223	79	361	1705
70858	71223	2074	2075	0	827	79	5	131	223	80	363	1707
71223	71588	2075	2076	0	827	79	5	131	223	80	364	1709
71588	71954	2076	2077	0	827	79	5	131	223	81	366	1712
71954	72319	2077	2078	0	827	79	5	131	223	82	367	1714
72319	72684	2078	2079	0	827	79	5	131	223	82	369	1716
72684	73049	2079	2080	0	827	79	5	131	223	83	370	1719
73049	73415	2080	2081	0	827	79	5	132	223	84	372	1721
73415	73780	2081	2082	0	827	79	5	132	223	85	374	1724
73780	74145	2082	2083	0	827	79	5	132	223	85	376	1727
74145	74510	2083	2084	0	827	79	5	132	224	86	377	1729
74510	74876	2084	2085	0	827	79	5	132	224	87	379	1732
74876	75241	2085	2086	0	827	79	5	132	224	87	380	1734
75241	75606	2086	2087	0	827	79	5	132	224	88	382	1736
75606	75971	2087	2088	0	827	79	5	132	224	89	384	1739
75971	76337	2088	2089	0	827	79	5	132	224	89	385	1741
76337	76702	2089	2090	0	827	79	5	132	224	90	386	1743
76702	77067	2090	2091	0	827	79	5	132	224	91	388	1746
77067	77432	2091	2092	0	827	79	5	132	224	92	390	1748
77432	77798	2092	2093	0	827	79	5	132	224	92	392	1751
77798	78163	2093	2094	0	827	79	5	132	224	93	393	1753
78163	78528	2094	2095	0	827	79	5	132	224	94	395	1756
78528	78893	2095	2096	0	827	79	5	132	224	94	396	1758
78893	79259	2096	2097	0	827	79	5	132	224	95	398	1760
79259	79624	2097	2098	0	827	79	5	132	225	96	399	1762
79624	79989	2098	2099	0	827	79	5	132	225	96	400	1765
79989	80354	2099	2100	0	827	79	5	132	225	97	402	1767
80354	80719	2100	2101	0	827	79	5	132	225	98	403	1769
80719	81084	2101	2102	0	827	79	5	132	225	98	405	1772
81084	81449	2102	2103	0	827	79	5	133	225	99	406	1774
81449	81814	2103	2104	0	827	79	5	133	225	100	408	1776
81814	82180	2104	2105	0	827	79	5	133	225	100	409	1778
82180	82545	2105	2106	0	827	79	5	133	225	101	411	1781
82545	82910	2106	2107	0	827	79	5	133	225	102	412	1783
82910	83275	2107	2108	0	827	79	5	133	225	102	413	1785
83275	83641	2108	2109	0	827	79	5	133	225	103	415	1787
83641	84006	2109	2110	0	827	79	5	133	225	103	416	1789
84006	84371	2110	2111	0	827	79	5	133	225	104	417	1791
84371	84736	2111	2112	0	827	79	5	133	225	105	419	1793
84736	85102	2112	2113	0	827	79	5	133	226	105	420	1795
85102	85467	2113	2114	0	827	79	5	133	226	106	422	1797
85467	85832	2114	2115	0	827	79	5	133	226	106	423	1799
85832	86197	2115	2116	0	827	79	5	133	226	107	424	1801
86197	86563	2116	2117	0	827	79	5	133	226	108	425	1803
86563	86928	2117	2118	0	827	79	5	133	226	108	427	1805
86928	87293	2118	2119	0	827	79	5	133	226	109	428	1807
87293	87658	2119	2120	0	827	79	5	133	226	109	429	1809

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Salt Load
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)								
68301	68666	2067	2068	0.0	0.8	0.1	0.0	0.1	5.4	2.4	14.7	23.5
68666	69032	2068	2069	0.0	0.8	0.1	0.0	0.1	5.4	2.4	14.8	23.5
69032	69397	2069	2070	0.0	0.8	0.1	0.0	0.1	5.4	2.4	14.9	23.6
69397	69762	2070	2071	0.0	0.8	0.1	0.0	0.1	5.4	2.5	14.9	23.7
69762	70127	2071	2072	0.0	0.8	0.1	0.0	0.1	5.4	2.5	15.0	23.8
70127	70493	2072	2073	0.0	0.8	0.1	0.0	0.1	5.4	2.5	15.1	23.9
70493	70858	2073	2074	0.0	0.8	0.1	0.0	0.1	5.4	2.5	15.2	24.0
70858	71223	2074	2075	0.0	0.8	0.1	0.0	0.1	5.4	2.6	15.2	24.1
71223	71588	2075	2076	0.0	0.8	0.1	0.0	0.1	5.4	2.6	15.3	24.2
71588	71954	2076	2077	0.0	0.8	0.1	0.0	0.1	5.4	2.6	15.4	24.3
71954	72319	2077	2078	0.0	0.8	0.1	0.0	0.1	5.4	2.6	15.4	24.4
72319	72684	2078	2079	0.0	0.8	0.1	0.0	0.1	5.4	2.6	15.5	24.5
72684	73049	2079	2080	0.0	0.8	0.1	0.0	0.1	5.4	2.7	15.6	24.6
73049	73415	2080	2081	0.0	0.8	0.1	0.0	0.1	5.4	2.7	15.6	24.7
73415	73780	2081	2082	0.0	0.8	0.1	0.0	0.1	5.4	2.7	15.7	24.8
73780	74145	2082	2083	0.0	0.8	0.1	0.0	0.1	5.4	2.7	15.8	24.9
74145	74510	2083	2084	0.0	0.8	0.1	0.0	0.1	5.4	2.8	15.8	25.0
74510	74876	2084	2085	0.0	0.8	0.1	0.0	0.1	5.4	2.8	15.9	25.1
74876	75241	2085	2086	0.0	0.8	0.1	0.0	0.1	5.4	2.8	16.0	25.2
75241	75606	2086	2087	0.0	0.8	0.1	0.0	0.1	5.4	2.8	16.0	25.2
75606	75971	2087	2088	0.0	0.8	0.1	0.0	0.1	5.4	2.9	16.1	25.3
75971	76337	2088	2089	0.0	0.8	0.1	0.0	0.1	5.4	2.9	16.2	25.4
76337	76702	2089	2090	0.0	0.8	0.1	0.0	0.1	5.4	2.9	16.2	25.5
76702	77067	2090	2091	0.0	0.8	0.1	0.0	0.1	5.4	2.9	16.3	25.6
77067	77432	2091	2092	0.0	0.8	0.1	0.0	0.1	5.4	2.9	16.4	25.7
77432	77798	2092	2093	0.0	0.8	0.1	0.0	0.1	5.4	3.0	16.4	25.8
77798	78163	2093	2094	0.0	0.8	0.1	0.0	0.1	5.4	3.0	16.5	25.9
78163	78528	2094	2095	0.0	0.8	0.1	0.0	0.1	5.4	3.0	16.6	26.0
78528	78893	2095	2096	0.0	0.8	0.1	0.0	0.1	5.4	3.0	16.6	26.1
78893	79259	2096	2097	0.0	0.8	0.1	0.0	0.1	5.4	3.1	16.7	26.1
79259	79624	2097	2098	0.0	0.8	0.1	0.0	0.1	5.4	3.1	16.8	26.2
79624	79989	2098	2099	0.0	0.8	0.1	0.0	0.1	5.4	3.1	16.8	26.3
79989	80354	2099	2100	0.0	0.8	0.1	0.0	0.1	5.4	3.1	16.9	26.4
80354	80719	2100	2101	0.0	0.8	0.1	0.0	0.1	5.4	3.1	16.9	26.5
80719	81084	2101	2102	0.0	0.8	0.1	0.0	0.1	5.4	3.2	17.0	26.6
81084	81449	2102	2103	0.0	0.8	0.1	0.0	0.1	5.4	3.2	17.1	26.6
81449	81814	2103	2104	0.0	0.8	0.1	0.0	0.1	5.4	3.2	17.1	26.7
81814	82180	2104	2105	0.0	0.8	0.1	0.0	0.1	5.4	3.2	17.2	26.8
82180	82545	2105	2106	0.0	0.8	0.1	0.0	0.1	5.4	3.2	17.3	26.9
82545	82910	2106	2107	0.0	0.8	0.1	0.0	0.1	5.4	3.3	17.3	27.0
82910	83275	2107	2108	0.0	0.8	0.1	0.0	0.1	5.4	3.3	17.4	27.0
83275	83641	2108	2109	0.0	0.8	0.1	0.0	0.1	5.4	3.3	17.4	27.1
83641	84006	2109	2110	0.0	0.8	0.1	0.0	0.1	5.4	3.3	17.5	27.2
84006	84371	2110	2111	0.0	0.8	0.1	0.0	0.1	5.4	3.3	17.5	27.3
84371	84736	2111	2112	0.0	0.8	0.1	0.0	0.1	5.5	3.4	17.6	27.4
84736	85102	2112	2113	0.0	0.8	0.1	0.0	0.1	5.5	3.4	17.7	27.4
85102	85467	2113	2114	0.0	0.8	0.1	0.0	0.1	5.5	3.4	17.7	27.5
85467	85832	2114	2115	0.0	0.8	0.1	0.0	0.1	5.5	3.4	17.8	27.6
85832	86197	2115	2116	0.0	0.8	0.1	0.0	0.1	5.5	3.4	17.8	27.7
86197	86563	2116	2117	0.0	0.8	0.1	0.0	0.1	5.5	3.5	17.9	27.7
86563	86928	2117	2118	0.0	0.8	0.1	0.0	0.1	5.5	3.5	17.9	27.8
86928	87293	2118	2119	0.0	0.8	0.1	0.0	0.1	5.5	3.5	18.0	27.9
87293	87658	2119	2120	0.0	0.8	0.1	0.0	0.1	5.5	3.5	18.0	27.9

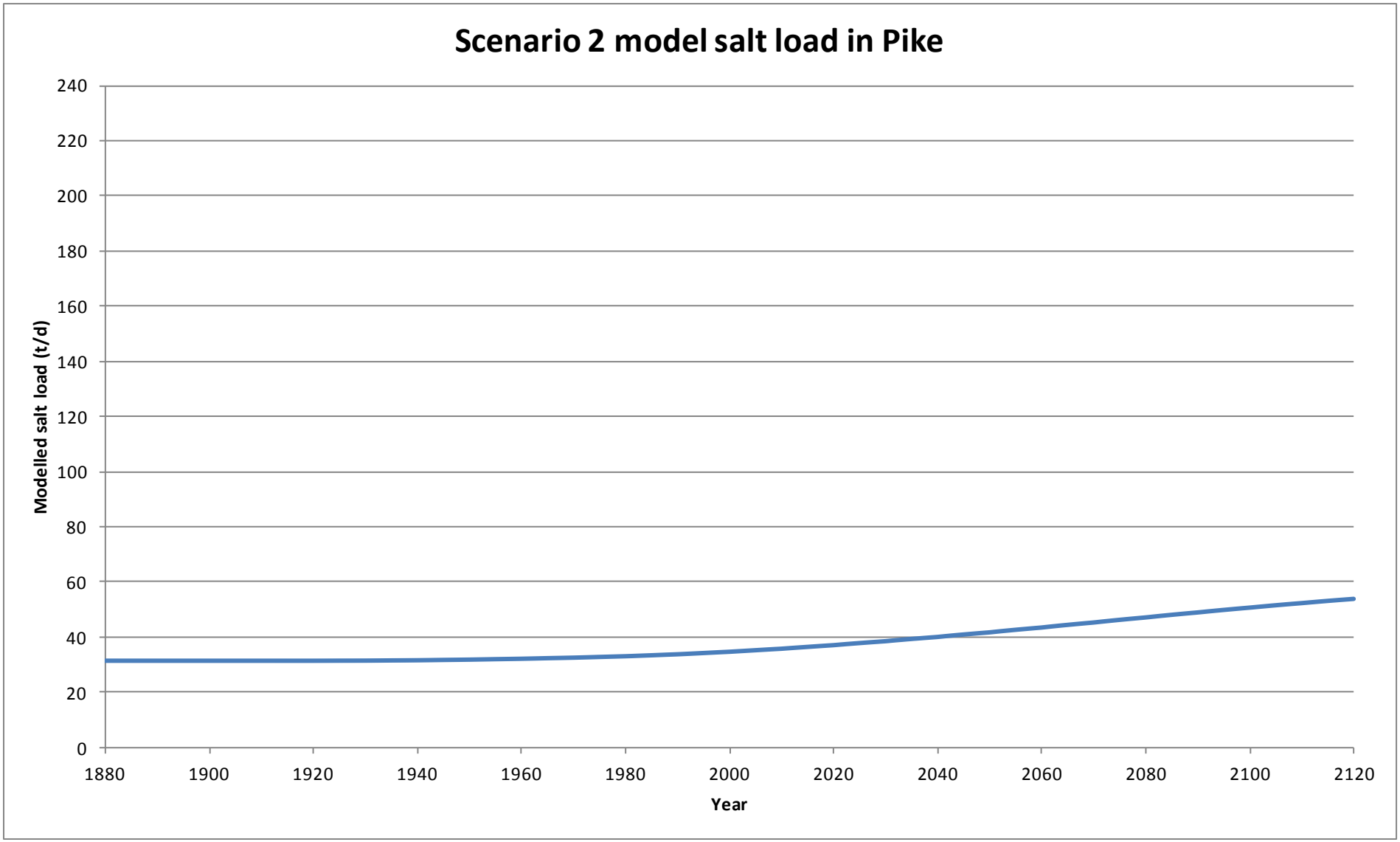
B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S2 model)



B-3. Graph of modelled groundwater flux (m³/d) entering the River Murray in Pike (S2 model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Pike (S2 model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Pike (S2 model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
0	1	1880	1880	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1827	1880	1885	0	0	0	0	0	0	0	0	0	0	0	0	0
1827	3653	1885	1890	0	0	0	0	0	0	0	0	0	0	0	0	0
3653	5479	1890	1895	0	0	0	0	0	0	0	0	0	0	0	0	0
5479	7305	1895	1900	0	0	0	0	0	0	0	0	0	0	0	0	0
7305	9131	1900	1905	0	0	0	0	0	0	0	0	0	0	0	0	0
9131	10957	1905	1910	0	0	0	0	0	0	0	0	0	0	0	0	0
10957	12783	1910	1915	0	0	0	0	0	0	0	0	0	0	0	0	0
12783	14609	1915	1920	0	0	0	0	0	0	0	0	0	0	0	0	0
14609	16436	1920	1925	0	0	0	0	0	0	0	0	0	0	0	0	0
16436	18262	1925	1930	0	0	0	0	0	0	0	0	0	0	0	0	0
18262	20088	1930	1935	0	0	0	0	0	0	0	0	0	0	0	0	0
20088	21914	1935	1940	0	0	0	0	0	0	0	0	0	0	0	0	0
21914	23741	1940	1945	0	0	0	0	0	0	0	0	0	0	0	0	0
23741	25567	1945	1950	0	0	0	0	0	0	0	0	0	0	0	0	0
25567	27393	1950	1955	0	0	0	0	0	0	0	0	0	0	0	0	0
27393	29219	1955	1960	0	0	0	0	0	0	0	0	0	0	0	0	0
29219	31046	1960	1965	0	0	0	0	0	0	0	0	0	0	0	0	0
31046	32872	1965	1970	0	0	0	0	0	0	0	0	0	0	0	0	0
32872	34698	1970	1975	0	0	0	0	0	0	0	0	0	0	0	0	0
34698	36524	1975	1980	0	0	0	0	0	0	0	0	0	0	0	0	0
36524	37255	1980	1982	0	0	0	0	0	0	0	0	0	0	0	0	0
37255	37985	1982	1984	0	0	0	0	0	0	0	0	0	0	0	0	0
37985	38351	1984	1985	0	0	0	0	0	0	0	0	0	0	0	0	0
38351	38716	1985	1986	0	0	0	0	0	0	0	0	0	0	0	0	0
38716	39446	1986	1988	0	0	0	0	0	0	0	0	0	0	0	0	0
39446	39812	1988	1989	0	0	0	0	0	0	0	0	0	0	0	0	0
39812	40177	1989	1990	0	0	0	0	0	0	0	0	0	0	0	0	0
40177	40542	1990	1991	0	0	0	0	0	0	0	0	0	0	0	0	0
40542	40907	1991	1992	0	0	0	0	0	0	0	0	0	0	0	0	0
40907	41273	1992	1993	0	0	0	0	0	0	0	0	0	0	0	0	0
41273	41638	1993	1994	0	0	0	0	0	0	0	0	0	0	0	0	0
41638	42003	1994	1995	0	0	0	0	0	0	0	0	0	0	0	0	0
42003	42368	1995	1996	0	0	0	0	0	0	0	0	0	0	0	0	0
42368	42734	1996	1997	0	0	0	0	0	0	0	0	0	0	0	0	0
42734	43099	1997	1998	0	0	0	0	0	0	0	0	0	0	0	0	0
43099	43464	1998	1999	0	0	0	0	0	0	0	0	0	0	0	0	0
43464	43829	1999	2000	0	0	0	0	0	0	0	0	0	0	0	0	0
43829	44195	2000	2001	0	0	0	0	0	0	0	0	0	0	0	0	0
44195	44560	2001	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
44560	44925	2002	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
44925	45290	2003	2004	0	0	0	0	0	0	0	0	0	0	0	0	0
45290	45656	2004	2005	0	0	0	0	0	0	0	0	0	0	0	0	0
45656	46021	2005	2006	0	0	0	0	0	0	0	0	0	0	0	0	0
46021	46386	2006	2007	0	0	0	0	0	0	0	0	0	0	0	0	0
46386	46751	2007	2008	0	0	0	0	0	0	0	0	0	0	0	0	0
46751	47117	2008	2009	0	0	0	0	0	0	0	0	0	0	0	0	0
47117	47482	2009	2010	0	0	0	0	0	0	0	0	0	0	0	0	0
47482	47847	2010	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
47847	48212	2011	2012	0	0	0	0	0	0	0	0	0	0	0	0	0
48212	48578	2012	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
48578	48943	2013	2014	0	0	0	0	0	0	0	0	0	0	0	0	0

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
0	1	1880	1880	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	1827	1880	1885	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1827	3653	1885	1890	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3653	5479	1890	1895	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5479	7305	1895	1900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7305	9131	1900	1905	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9131	10957	1905	1910	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10957	12783	1910	1915	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12783	14609	1915	1920	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14609	16436	1920	1925	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16436	18262	1925	1930	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18262	20088	1930	1935	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20088	21914	1935	1940	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21914	23741	1940	1945	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23741	25567	1945	1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25567	27393	1950	1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27393	29219	1955	1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29219	31046	1960	1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31046	32872	1965	1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32872	34698	1970	1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34698	36524	1975	1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36524	37255	1980	1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37255	37985	1982	1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37985	38351	1984	1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38351	38716	1985	1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38716	39446	1986	1988	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39446	39812	1988	1989	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39812	40177	1989	1990	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40177	40542	1990	1991	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40542	40907	1991	1992	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40907	41273	1992	1993	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41273	41638	1993	1994	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41638	42003	1994	1995	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42003	42368	1995	1996	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42368	42734	1996	1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42734	43099	1997	1998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43099	43464	1998	1999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43464	43829	1999	2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43829	44195	2000	2001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44195	44560	2001	2002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44560	44925	2002	2003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44925	45290	2003	2004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45290	45656	2004	2005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45656	46021	2005	2006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46021	46386	2006	2007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46386	46751	2007	2008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46751	47117	2008	2009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47117	47482	2009	2010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47482	47847	2010	2011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47847	48212	2011	2012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48212	48578	2012	2013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48578	48943	2013	2014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S2 model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
48943	49308	2014	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
49308	49673	2015	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
49673	50039	2016	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
50039	50404	2017	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
50404	50769	2018	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
50769	51134	2019	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
51134	51500	2020	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
51500	51865	2021	2022	0	0	0	0	0	0	0	0	0	0	0	0	0
51865	52230	2022	2023	0	0	0	0	0	0	0	0	0	0	0	0	0
52230	52595	2023	2024	0	0	0	0	0	0	0	0	0	0	0	0	0
52595	52961	2024	2025	0	0	0	0	0	0	0	0	0	0	0	0	0
52961	53326	2025	2026	0	0	0	0	0	0	0	0	0	0	0	0	0
53326	53691	2026	2027	0	0	0	0	0	0	0	0	0	0	0	0	0
53691	54056	2027	2028	0	0	0	0	0	0	0	0	0	0	0	0	0
54056	54422	2028	2029	0	0	0	0	0	0	0	0	0	0	0	0	0
54422	54787	2029	2030	0	0	0	0	0	0	0	0	0	0	0	0	0
54787	55152	2030	2031	0	0	0	0	0	0	0	0	0	0	0	0	0
55152	55517	2031	2032	0	0	0	0	0	0	0	0	0	0	0	0	0
55517	55883	2032	2033	0	0	0	0	0	0	0	0	0	0	0	0	0
55883	56248	2033	2034	0	0	0	0	0	0	0	0	0	0	0	0	0
56248	56613	2034	2035	0	0	0	0	0	0	0	0	0	0	0	0	0
56613	56978	2035	2036	0	0	0	0	0	0	0	0	0	0	0	0	0
56978	57344	2036	2037	0	0	0	0	0	0	0	0	0	0	0	0	0
57344	57709	2037	2038	0	0	0	0	0	0	0	0	0	0	0	0	0
57709	58074	2038	2039	0	0	0	0	0	0	0	0	0	0	0	0	0
58074	58439	2039	2040	0	0	0	0	0	0	0	0	0	0	0	0	0
58439	58805	2040	2041	0	0	0	0	0	0	0	0	0	0	0	0	0
58805	59170	2041	2042	0	0	0	0	0	0	0	0	0	0	0	0	0
59170	59535	2042	2043	0	0	0	0	0	0	0	0	0	0	0	0	0
59535	59900	2043	2044	0	0	0	0	0	0	0	0	0	0	0	0	0
59900	60266	2044	2045	0	0	0	0	0	0	0	0	0	0	0	0	0
60266	60631	2045	2046	0	0	0	0	0	0	0	0	0	0	0	0	0
60631	60996	2046	2047	0	0	0	0	0	0	0	0	0	0	0	0	0
60996	61361	2047	2048	0	0	0	0	0	0	0	0	0	0	0	0	0
61361	61727	2048	2049	0	0	0	0	0	0	0	0	0	0	0	0	0
61727	62092	2049	2050	0	0	0	0	0	0	0	0	0	0	0	0	0
62092	62457	2050	2051	0	0	0	0	0	0	0	0	0	0	0	0	0
62457	62822	2051	2052	0	0	0	0	0	0	0	0	0	0	0	0	0
62822	63188	2052	2053	0	0	0	0	0	0	0	0	0	0	0	0	0
63188	63553	2053	2054	0	0	0	0	0	0	0	0	0	0	0	0	0
63553	63918	2054	2055	0	0	0	0	0	0	0	0	0	0	0	0	0
63918	64283	2055	2056	0	0	0	0	0	0	0	0	0	0	0	0	0
64283	64649	2056	2057	0	0	0	0	0	0	0	0	0	0	0	0	0
64649	65014	2057	2058	0	0	0	0	0	0	0	0	0	0	0	0	0
65014	65379	2058	2059	0	0	0	0	0	0	0	0	0	0	0	0	0
65379	65744	2059	2060	0	0	0	0	0	0	0	0	0	0	0	0	0
65744	66110	2060	2061	0	0	0	0	0	0	0	0	0	0	0	0	0
66110	66475	2061	2062	0	0	0	0	0	0	0	0	0	0	0	0	0
66475	66840	2062	2063	0	0	0	0	0	0	0	0	0	0	0	0	0
66840	67205	2063	2064	0	0	0	0	0	0	0	0	0	0	0	0	0
67205	67571	2064	2065	0	0	0	0	0	0	0	0	0	0	0	0	0
67571	67936	2065	2066	0	0	0	0	0	0	0	0	0	0	0	0	0
67936	68301	2066	2067	0	0	0	0	0	0	0	0	0	0	0	0	0

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
48943	49308	2014	2015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49308	49673	2015	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49673	50039	2016	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50039	50404	2017	2018	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50404	50769	2018	2019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50769	51134	2019	2020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51134	51500	2020	2021	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51500	51865	2021	2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51865	52230	2022	2023	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52230	52595	2023	2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52595	52961	2024	2025	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52961	53326	2025	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53326	53691	2026	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53691	54056	2027	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54056	54422	2028	2029	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54422	54787	2029	2030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54787	55152	2030	2031	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55152	55517	2031	2032	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55517	55883	2032	2033	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55883	56248	2033	2034	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56248	56613	2034	2035	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56613	56978	2035	2036	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56978	57344	2036	2037	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57344	57709	2037	2038	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57709	58074	2038	2039	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58074	58439	2039	2040	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58439	58805	2040	2041	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58805	59170	2041	2042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59170	59535	2042	2043	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59535	59900	2043	2044	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59900	60266	2044	2045	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60266	60631	2045	2046	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60631	60996	2046	2047	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60996	61361	2047	2048	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61361	61727	2048	2049	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61727	62092	2049	2050	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62092	62457	2050	2051	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62457	62822	2051	2052	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62822	63188	2052	2053	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63188	63553	2053	2054	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63553	63918	2054	2055	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63918	64283	2055	2056	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64283	64649	2056	2057	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64649	65014	2057	2058	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65014	65379	2058	2059	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65379	65744	2059	2060	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65744	66110	2060	2061	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66110	66475	2061	2062	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66475	66840	2062	2063	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66840	67205	2063	2064	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67205	67571	2064	2065	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67571	67936	2065	2066	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67936	68301	2066	2067	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S2 model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
68301	68666	2067	2068	0	0	0	0	0	0	0	0	0	0	0	0	0
68666	69032	2068	2069	0	0	0	0	0	0	0	0	0	0	0	0	0
69032	69397	2069	2070	0	0	0	0	0	0	0	0	0	0	0	0	0
69397	69762	2070	2071	0	0	0	0	0	0	0	0	0	0	0	0	0
69762	70127	2071	2072	0	0	0	0	0	0	0	0	0	0	0	0	0
70127	70493	2072	2073	0	0	0	0	0	0	0	0	0	0	0	0	0
70493	70858	2073	2074	0	0	0	0	0	0	0	0	0	0	0	0	0
70858	71223	2074	2075	0	0	0	0	0	0	0	0	0	0	0	0	0
71223	71588	2075	2076	0	0	0	0	0	0	0	0	0	0	0	0	0
71588	71954	2076	2077	0	0	0	0	0	0	0	0	0	0	0	0	0
71954	72319	2077	2078	0	0	0	0	0	0	0	0	0	0	0	0	0
72319	72684	2078	2079	0	0	0	0	0	0	0	0	0	0	0	0	0
72684	73049	2079	2080	0	0	0	0	0	0	0	0	0	0	0	0	0
73049	73415	2080	2081	0	0	0	0	0	0	0	0	0	0	0	0	0
73415	73780	2081	2082	0	0	0	0	0	0	0	0	0	0	0	0	0
73780	74145	2082	2083	0	0	0	0	0	0	0	0	0	0	0	0	0
74145	74510	2083	2084	0	0	0	0	0	0	0	0	0	0	0	0	0
74510	74876	2084	2085	0	0	0	0	0	0	0	0	0	0	0	0	0
74876	75241	2085	2086	0	0	0	0	0	0	0	0	0	0	0	0	0
75241	75606	2086	2087	0	0	0	0	0	0	0	0	0	0	0	0	0
75606	75971	2087	2088	0	0	0	0	0	0	0	0	0	0	0	0	0
75971	76337	2088	2089	0	0	0	0	0	0	0	0	0	0	0	0	0
76337	76702	2089	2090	0	0	0	0	0	0	0	0	0	0	0	0	0
76702	77067	2090	2091	0	0	0	0	0	0	0	0	0	0	0	0	0
77067	77432	2091	2092	0	0	0	0	0	0	0	0	0	0	0	0	0
77432	77798	2092	2093	0	0	0	0	0	0	0	0	0	0	0	0	0
77798	78163	2093	2094	0	0	0	0	0	0	0	0	0	0	0	0	0
78163	78528	2094	2095	0	0	0	0	0	0	0	0	0	0	0	0	0
78528	78893	2095	2096	0	0	0	0	0	0	0	0	0	0	0	0	0
78893	79259	2096	2097	0	0	0	0	0	0	0	0	0	0	0	0	0
79259	79624	2097	2098	0	0	0	0	0	0	0	0	0	0	0	0	0
79624	79989	2098	2099	0	0	1	0	0	0	0	0	0	0	0	0	1
79989	80354	2099	2100	0	0	1	0	0	0	0	0	0	0	0	0	1
80354	80719	2100	2101	0	0	1	0	0	0	0	0	0	0	0	0	1
80719	81084	2101	2102	0	0	1	0	0	0	0	0	0	0	0	0	1
81084	81449	2102	2103	0	0	1	0	0	0	0	0	0	0	0	0	1
81449	81814	2103	2104	0	0	1	0	0	0	0	0	0	0	0	0	1
81814	82180	2104	2105	0	0	1	0	0	0	0	0	0	0	0	0	1
82180	82545	2105	2106	0	0	2	0	0	0	0	0	0	0	0	0	2
82545	82910	2106	2107	0	0	2	0	0	0	0	0	0	0	0	0	2
82910	83275	2107	2108	0	0	2	0	0	0	0	0	0	0	0	0	2
83275	83641	2108	2109	0	0	2	0	0	0	0	0	0	0	0	0	2
83641	84006	2109	2110	0	0	2	0	0	0	0	0	0	0	0	0	2
84006	84371	2110	2111	0	0	2	0	0	0	0	0	0	0	0	0	2
84371	84736	2111	2112	0	0	2	0	0	0	0	0	0	0	0	0	2
84736	85102	2112	2113	0	0	3	0	0	0	0	0	0	0	0	0	3
85102	85467	2113	2114	0	0	3	0	0	0	0	0	0	0	0	0	3
85467	85832	2114	2115	0	0	3	0	0	0	0	0	0	0	0	0	3
85832	86197	2115	2116	0	0	3	0	0	0	0	0	0	0	0	0	3
86197	86563	2116	2117	0	0	3	0	0	0	0	0	0	0	0	0	3
86563	86928	2117	2118	0	0	3	0	0	0	0	0	0	0	0	0	3
86928	87293	2118	2119	0	0	3	0	0	0	0	0	0	0	0	0	3
87293	87658	2119	2120	0	0	4	0	0	0	0	0	0	0	0	0	4

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
68301	68666	2067	2068	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68666	69032	2068	2069	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69032	69397	2069	2070	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69397	69762	2070	2071	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69762	70127	2071	2072	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70127	70493	2072	2073	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70493	70858	2073	2074	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70858	71223	2074	2075	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71223	71588	2075	2076	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71588	71954	2076	2077	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71954	72319	2077	2078	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72319	72684	2078	2079	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72684	73049	2079	2080	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73049	73415	2080	2081	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73415	73780	2081	2082	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73780	74145	2082	2083	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74145	74510	2083	2084	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74510	74876	2084	2085	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74876	75241	2085	2086	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75241	75606	2086	2087	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75606	75971	2087	2088	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75971	76337	2088	2089	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76337	76702	2089	2090	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76702	77067	2090	2091	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77067	77432	2091	2092	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77432	77798	2092	2093	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77798	78163	2093	2094	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78163	78528	2094	2095	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78528	78893	2095	2096	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78893	79259	2096	2097	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79259	79624	2097	2098	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79624	79989	2098	2099	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79989	80354	2099	2100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80354	80719	2100	2101	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80719	81084	2101	2102	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81084	81449	2102	2103	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81449	81814	2103	2104	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81814	82180	2104	2105	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82180	82545	2105	2106	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82545	82910	2106	2107	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82910	83275	2107	2108	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83275	83641	2108	2109	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83641	84006	2109	2110	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84006	84371	2110	2111	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84371	84736	2111	2112	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84736	85102	2112	2113	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
85102	85467	2113	2114	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
85467	85832	2114	2115	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
85832	86197	2115	2116	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
86197	86563	2116	2117	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
86563	86928	2117	2118	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
86928	87293	2118	2119	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
87293	87658	2119	2120	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S2 model)

				Central Murtho																															
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																															
0	1	1880	1880	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
1	1827	1880	1885	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
1827	3653	1885	1890	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
3653	5479	1890	1895	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
5479	7305	1895	1900	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
7305	9131	1900	1905	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
9131	10957	1905	1910	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
10957	12783	1910	1915	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
12783	14609	1915	1920	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
14609	16436	1920	1925	0	0	0	1	25	8	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	40	95
16436	18262	1925	1930	0	0	0	1	26	8	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	40	95
18262	20088	1930	1935	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	42	98
20088	21914	1935	1940	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	42	98
21914	23741	1940	1945	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	43	100
23741	25567	1945	1950	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	43	100
25567	27393	1950	1955	0	0	0	1	27	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	0	43	102
27393	29219	1955	1960	0	0	0	1	27	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	0	43	102
29219	31046	1960	1965	0	0	0	1	27	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	0	44	103
31046	32872	1965	1970	0	0	0	1	27	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	0	44	103
32872	34698	1970	1975	0	0	0	1	27	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	44	104
34698	36524	1975	1980	0	0	0	1	27	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	44	104
36524	37255	1980	1982	0	0	0	1	27	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	44	106
37255	37985	1982	1984	0	0	0	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	45	106
37985	38351	1984	1985	0	0	0	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	45	106
38351	38716	1985	1986	0	0	0	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	45	106
38716	39446	1986	1988	0	0	0	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	45	106
39446	39812	1988	1989	0	0	0	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	45	106
39812	40177	1989	1990	0	0	0	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	45	106
40177	40542	1990	1991	0	0	0	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	45	107
40542	40907	1991	1992	0	0	0	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	0	45	107
40907	41273	1992	1993	0	0	0	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	0	45	107
41273	41638	1993	1994	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	0	45	107
41638	42003	1994	1995	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	0	45	107
42003	42368	1995	1996	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	0	45	107
42368	42734	1996	1997	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	0	45	107
42734	43099	1997	1998	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	0	45	108
43099	43464	1998	1999	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	0	45	108
43464	43829	1999	2000	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	0	45	108
43829	44195	2000	2001	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	0	46	109
44195	44560	2001	2002	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	0	46	109
44560	44925	2002	2003	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	0	46	109
44925	45290	2003	2004	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	0	46	109
45290	45656	2004	2005	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	0	46	109
45656	46021	2005	2006	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	0	46	109
46021	46386	2006	2007	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	0	46	109
46386	46751	2007	2008	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	0	46	109
46751	47117	2008	2009	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	1	46	109
47117	47482	2009	2010	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0	1	46	109
47482	47847	2010	2011	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	0	0	0	0	1	46	110
47847	48212	2011	2012	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	0	0	0	0	1	46	111
48212	48578	2012	2013	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	0	0	0	0	1	46	111
48578	48943	2013	2014	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	0	0	0	0	1	46	111

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (S2 model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																																
48943	49308	2014	2015	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	0	0	0	0	1	46	111
49308	49673	2015	2016	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	0	0	0	0	1	46	111
49673	50039	2016	2017	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	0	0	0	0	1	46	111
50039	50404	2017	2018	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	0	0	0	0	1	46	111
50404	50769	2018	2019	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	0	0	0	0	1	46	111
50769	51134	2019	2020	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	0	0	0	0	1	46	111
51134	51500	2020	2021	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	0	0	0	0	1	47	112
51500	51865	2021	2022	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	0	0	0	0	1	47	113
51865	52230	2022	2023	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	0	0	0	0	1	47	113
52230	52595	2023	2024	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	0	0	0	0	1	47	113
52595	52961	2024	2025	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	0	0	0	0	1	47	113
52961	53326	2025	2026	0	0	1	1	27	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	0	0	0	0	1	47	113
53326	53691	2026	2027	0	0	1	1	28	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	0	0	0	0	1	47	114
53691	54056	2027	2028	0	0	1	1	28	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	0	0	0	0	1	47	114
54056	54422	2028	2029	0	0	1	1	28	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	0	0	0	0	1	47	114
54422	54787	2029	2030	0	0	1	1	28	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	0	0	0	0	1	47	114
54787	55152	2030	2031	0	0	1	1	28	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	0	0	0	0	1	48	115
55152	55517	2031	2032	0	0	1	1	28	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	0	0	0	0	1	48	115
55517	55883	2032	2033	0	0	1	1	28	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	0	0	0	0	1	48	116
55883	56248	2033	2034	0	0	1	1	28	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	0	0	0	0	1	48	116
56248	56613	2034	2035	0	0	1	1	28	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	0	0	0	0	1	48	116
56613	56978	2035	2036	0	0	1	1	28	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	7	0	0	0	0	1	48	116
56978	57344	2036	2037	0	0	1	1	28	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	8	0	0	0	0	1	48	116
57344	57709	2037	2038	0	0	1	1	28	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	8	0	0	0	0	1	48	116
57709	58074	2038	2039	0	0	1	1	28	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	8	0	0	0	0	1	48	117
58074	58439	2039	2040	0	0	1	1	28	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	8	0	0	0	0	1	48	117
58439	58805	2040	2041	0	0	1	1	28	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	8	0	0	0	0	1	49	118
58805	59170	2041	2042	0	0	1	1	28	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	8	0	0	0	0	1	49	118
59170	59535	2042	2043	0	0	1	1	28	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	8	0	0	0	0	1	49	119
59535	59900	2043	2044	0	0	1	1	28	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	8	0	0	0	0	1	49	119
59900	60266	2044	2045	0	0	1	1	28	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	8	0	0	0	0	1	49	119
60266	60631	2045	2046	0	0	1	1	28	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	8	0	0	0	0	1	49	119
60631	60996	2046	2047	0	0	1	1	28	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	8	0	0	0	0	1	49	120
60996	61361	2047	2048	0	0	1	1	28	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	8	0	0	0	0	1	49	120
61361	61727	2048	2049	0	0	1	1	28	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	9	0	0	0	0	1	49	120
61727	62092	2049	2050	0	0	1	1	28	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	9	0	0	0	0	1	49	120
62092	62457	2050	2051	0	0	1	1	28	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	9	0	0	0	0	1	50	121
62457	62822	2051	2052	0	0	1	1	28	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	9	0	0	0	0	1	50	122
62822	63188	2052	2053	0	0	1	1	29	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	9	0	0	0	0	1	50	123
63188	63553	2053	2054	0	0	1	1	29	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	9	0	0	0	0	1	50	123
63553	63918	2054	2055	0	0	1	1	29	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	9	0	0	0	0	1	50	123
63918	64283	2055	2056	0	0	1	1	29	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	9	0	0	0	0	1	50	124
64283	64649	2056	2057	0	0	1	1	29	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	10	0	0	0	0	1	50	124
64649	65014	2057	2058	0	0	1	1	29	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	10	0	0	0	0	1	50	125
65014	65379	2058	2059	0	0	1	1	29	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	10	0	0	0	0	1	50	125
65379	65744	2059	2060	0	0	1	1	29	9	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	10	0	0	0	0	1	50	125
65744	66110	2060	2061	0	0	1	1	29	9	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	10	0	0	0	0	1	51	126
66110	66475	2061	2062	0	0	1	1	29	9	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	10	0	0	0	0	1	51	127
66475	66840	2062	2063	0	0	1	1	29	9	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	11	0	0	0	0	1	51	128
66840	67205	2063	2064	0	0	1	1	29	9	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	11	0	0	0	0	1	51	129
67205	67571	2064	2065	0	0	1	1	29	9	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	11	0	0	0	0	2	51	129
67571	67936	2065	2066	0	0	1	1	30	9	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	11	0	0	0	0	2	51	130
67936	68301	2066	2067	0	0	1	1	30	9	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	11	0	0	0	0	2	51	130

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (S2 model)

				Central Murtho																															
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																															
68301	68666	2067	2068	0	0	1	1	30	9	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	11	0	0	0	0	2	51	131
68666	69032	2068	2069	0	0	1	1	30	9	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	11	0	0	0	0	2	52	132
69032	69397	2069	2070	0	0	1	1	30	9	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	12	0	0	0	0	2	52	132
69397	69762	2070	2071	0	0	1	1	30	9	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	12	0	0	0	0	2	52	133
69762	70127	2071	2072	0	0	1	1	30	9	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	12	0	0	0	0	2	52	134
70127	70493	2072	2073	0	0	1	1	30	9	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	12	0	0	0	0	2	52	135
70493	70858	2073	2074	0	0	1	1	31	9	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	13	0	0	0	0	2	53	136
70858	71223	2074	2075	0	0	1	1	31	9	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	13	0	0	0	0	2	53	137
71223	71588	2075	2076	0	0	1	1	31	9	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	13	0	0	0	0	2	53	138
71588	71954	2076	2077	0	0	1	1	31	9	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	13	0	0	0	0	2	53	139
71954	72319	2077	2078	0	0	1	1	31	9	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	13	0	0	0	0	2	53	140
72319	72684	2078	2079	0	0	1	1	31	9	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	13	0	0	0	0	2	53	140
72684	73049	2079	2080	0	0	1	1	31	9	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	14	0	0	0	0	2	53	141
73049	73415	2080	2081	0	0	1	1	32	9	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	14	0	0	0	0	2	54	143
73415	73780	2081	2082	0	0	1	1	32	9	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	14	0	0	0	0	2	54	144
73780	74145	2082	2083	0	0	1	1	32	10	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	14	0	0	0	0	2	54	145
74145	74510	2083	2084	0	0	1	1	32	10	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	15	0	0	0	0	3	55	146
74510	74876	2084	2085	0	0	1	1	32	10	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	15	0	0	0	0	3	55	147
74876	75241	2085	2086	0	0	1	1	33	10	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	15	0	0	0	0	3	55	149
75241	75606	2086	2087	0	0	1	1	33	10	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	15	0	0	0	0	3	55	150
75606	75971	2087	2088	0	0	1	1	33	10	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	16	0	0	0	0	3	56	151
75971	76337	2088	2089	0	0	1	1	33	10	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	16	0	0	0	0	3	56	152
76337	76702	2089	2090	0	0	1	1	33	10	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	16	0	0	0	0	3	56	152
76702	77067	2090	2091	0	0	1	1	33	10	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	16	0	0	0	0	3	56	154
77067	77432	2091	2092	0	0	1	1	34	10	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	17	0	0	0	0	3	57	156
77432	77798	2092	2093	0	0	1	1	34	10	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	17	0	0	0	0	3	57	157
77798	78163	2093	2094	0	0	1	1	34	10	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	17	0	0	0	0	3	57	159
78163	78528	2094	2095	0	0	1	1	35	10	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	17	0	0	0	0	3	58	160
78528	78893	2095	2096	0	0	1	1	35	11	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	17	0	0	0	0	3	58	161
78893	79259	2096	2097	0	0	1	1	35	11	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	18	0	0	0	0	4	58	163
79259	79624	2097	2098	0	0	1	1	35	11	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	18	0	0	0	0	4	58	164
79624	79989	2098	2099	0	0	1	1	35	11	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	18	0	0	0	0	4	59	165
79989	80354	2099	2100	0	0	1	1	36	11	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	18	0	0	0	0	4	59	166
80354	80719	2100	2101	0	0	1	1	36	11	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	19	0	0	0	0	4	59	168
80719	81084	2101	2102	0	0	1	1	36	11	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	19	0	0	0	0	4	60	170
81084	81449	2102	2103	0	0	1	1	37	11	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	19	0	0	0	0	4	60	172
81449	81814	2103	2104	0	0	1	1	37	11	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	19	0	0	0	0	4	61	174
81814	82180	2104	2105	0	0	1	1	37	11	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	20	0	0	0	0	4	61	175
82180	82545	2105	2106	0	0	1	1	37	11	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	20	0	0	0	0	4	61	177
82545	82910	2106	2107	0	0	1	1	38	12	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	20	0	0	0	0	4	62	178
82910	83275	2107	2108	0	0	1	1	38	12	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	20	0	0	0	0	4	62	180
83275	83641	2108	2109	0	0	1	1	38	12	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	20	0	0	0	0	5	62	181
83641	84006	2109	2110	0	0	1	1	38	12	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	21	0	0	0	0	5	63	182
84006	84371	2110	2111	0	0	1	1	39	12	26	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	21	0	0	0	0	5	63	184
84371	84736	2111	2112	0	0	1	1	39	12	27	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	21	0	0	0	0	5	64	186
84736	85102	2112	2113	0	0	1	1	39	12	27	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	21	0	0	0	0	5	64	188
85102	85467	2113	2114	0	0	1	1	40	12	27	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	22	0	0	0	0	5	65	190
85467	85832	2114	2115	0	0	1	2	40	12	28	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	22	0	0	0	0	5	65	192
85832	86197	2115	2116	0	0	1	2	40	13	28	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	22	0	0	0	0	5	65	193
86197	86563	2116	2117	0	0	1	2	41	13	28	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	22	0	0	0	0	5	66	195
86563	86928	2117	2118	0	0	1	2	41	13	28	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	23	0	0	0	0	6	66	197
86928	87293	2118	2119	0	0	1	2	41	13	28	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	23	0	0	0	0	6	66	198
87293	87658	2119	2120	1	0	1	2	41	13	29	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	23	1	0	0	0	6	67	200

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (S2 model)

				Central Murtho																															
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																															
0	1	1880	1880	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
1	1827	1880	1885	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
1827	3653	1885	1890	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
3653	5479	1890	1895	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
5479	7305	1895	1900	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
7305	9131	1900	1905	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
9131	10957	1905	1910	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
10957	12783	1910	1915	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
12783	14609	1915	1920	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
14609	16436	1920	1925	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
16436	18262	1925	1930	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
18262	20088	1930	1935	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.6
20088	21914	1935	1940	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.6
21914	23741	1940	1945	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.6
23741	25567	1945	1950	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.6
25567	27393	1950	1955	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.6
27393	29219	1955	1960	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.6
29219	31046	1960	1965	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.7
31046	32872	1965	1970	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.7
32872	34698	1970	1975	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.7
34698	36524	1975	1980	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.7
36524	37255	1980	1982	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.7
37255	37985	1982	1984	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.7
37985	38351	1984	1985	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.7
38351	38716	1985	1986	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.7
38716	39446	1986	1988	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.7
39446	39812	1988	1989	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.7
39812	40177	1989	1990	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.7
40177	40542	1990	1991	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.7
40542	40907	1991	1992	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.7
40907	41273	1992	1993	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.7
41273	41638	1993	1994	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.7
41638	42003	1994	1995	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.7
42003	42368	1995	1996	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.7
42368	42734	1996	1997	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.7
42734	43099	1997	1998	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.7
43099	43464	1998	1999	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.7
43464	43829	1999	2000	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.7
43829	44195	2000	2001	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.8
44195	44560	2001	2002	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.8
44560	44925	2002	2003	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.8
44925	45290	2003	2004	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.8
45290	45656	2004	2005	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.8
45656	46021	2005	2006	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.8
46021	46386	2006	2007	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.8
46386	46751	2007	2008	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.8
46751	47117	2008	2009	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.8
47117	47482	2009	2010	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.8
47482	47847	2010	2011	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.8
47847	48212	2011	2012	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.8
48212	48578	2012	2013	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.8
48578	48943	2013	2014	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.8

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S2 model)

				Central Murtho																															
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																															
48943	49308	2014	2015	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.8
49308	49673	2015	2016	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.8
49673	50039	2016	2017	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.8
50039	50404	2017	2018	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.8
50404	50769	2018	2019	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.8
50769	51134	2019	2020	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.8
51134	51500	2020	2021	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.8
51500	51865	2021	2022	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.9
51865	52230	2022	2023	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.9
52230	52595	2023	2024	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.9
52595	52961	2024	2025	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.9
52961	53326	2025	2026	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.9
53326	53691	2026	2027	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.9
53691	54056	2027	2028	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	1.9
54056	54422	2028	2029	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	1.9
54422	54787	2029	2030	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	1.9
54787	55152	2030	2031	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	1.9
55152	55517	2031	2032	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	1.9
55517	55883	2032	2033	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	1.9
55883	56248	2033	2034	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	1.9
56248	56613	2034	2035	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	1.9
56613	56978	2035	2036	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	1.9
56978	57344	2036	2037	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	1.9
57344	57709	2037	2038	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	1.9
57709	58074	2038	2039	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	1.9
58074	58439	2039	2040	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	1.9
58439	58805	2040	2041	0.0	0.0	0.0	0.0	0.6	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.0
58805	59170	2041	2042	0.0	0.0	0.0	0.0	0.6	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.0
59170	59535	2042	2043	0.0	0.0	0.0	0.0	0.6	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.0
59535	59900	2043	2044	0.0	0.0	0.0	0.0	0.6	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.0
59900	60266	2044	2045	0.0	0.0	0.0	0.0	0.6	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.0
60266	60631	2045	2046	0.0	0.0	0.0	0.0	0.6	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.0
60631	60996	2046	2047	0.0	0.0	0.0	0.0	0.6	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.0
60996	61361	2047	2048	0.0	0.0	0.0	0.0	0.6	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.0
61361	61727	2048	2049	0.0	0.0	0.0	0.0	0.6	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.0
61727	62092	2049	2050	0.0	0.0	0.0	0.0	0.6	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.0
62092	62457	2050	2051	0.0	0.0	0.0	0.0	0.6	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.0
62457	62822	2051	2052	0.0	0.0	0.0	0.0	0.6	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.0
62822	63188	2052	2053	0.0	0.0	0.0	0.0	0.6	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.1
63188	63553	2053	2054	0.0	0.0	0.0	0.0	0.6	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.1
63553	63918	2054	2055	0.0	0.0	0.0	0.0	0.6	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.1
63918	64283	2055	2056	0.0	0.0	0.0	0.0	0.6	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.1
64283	64649	2056	2057	0.0	0.0	0.0	0.0	0.6	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.1
64649	65014	2057	2058	0.0	0.0	0.0	0.0	0.6	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.1
65014	65379	2058	2059	0.0	0.0	0.0	0.0	0.6	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.1
65379	65744	2059	2060	0.0	0.0	0.0	0.0	0.6	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.1
65744	66110	2060	2061	0.0	0.0	0.0	0.0	0.6	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.1
66110	66475	2061	2062	0.0	0.0	0.0	0.0	0.6	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.2
66475	66840	2062	2063	0.0	0.0	0.0	0.0	0.6	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.2
66840	67205	2063	2064	0.0	0.0	0.0	0.0	0.6	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.2
67205	67571	2064	2065	0.0	0.0	0.0	0.0	0.6	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.2
67571	67936	2065	2066	0.0	0.0	0.0	0.0	0.6	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.2
67936	68301	2066	2067	0.0	0.0	0.0	0.0	0.6	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.2

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S2 model)

				Central Murtho																															
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																															
68301	68666	2067	2068	0.0	0.0	0.0	0.0	0.6	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.2
68666	69032	2068	2069	0.0	0.0	0.0	0.0	0.6	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.4	2.3
69032	69397	2069	2070	0.0	0.0	0.0	0.0	0.6	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.1	0.4	2.3
69397	69762	2070	2071	0.0	0.0	0.0	0.0	0.6	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.1	0.5	2.3
69762	70127	2071	2072	0.0	0.0	0.0	0.0	0.6	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.1	0.5	2.3
70127	70493	2072	2073	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.1	0.5	2.3
70493	70858	2073	2074	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.1	0.5	2.4
70858	71223	2074	2075	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.1	0.5	2.4
71223	71588	2075	2076	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.1	0.5	2.4
71588	71954	2076	2077	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.1	0.5	2.4
71954	72319	2077	2078	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.1	0.5	2.4
72319	72684	2078	2079	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.1	0.5	2.4
72684	73049	2079	2080	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.1	0.5	2.5
73049	73415	2080	2081	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.1	0.5	2.5
73415	73780	2081	2082	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.1	0.5	2.5
73780	74145	2082	2083	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.1	0.5	2.5
74145	74510	2083	2084	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.0	0.0	0.0	0.0	0.1	0.5	2.6
74510	74876	2084	2085	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.0	0.0	0.0	0.0	0.1	0.5	2.6
74876	75241	2085	2086	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.0	0.0	0.0	0.0	0.1	0.5	2.6
75241	75606	2086	2087	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.0	0.0	0.0	0.0	0.1	0.5	2.6
75606	75971	2087	2088	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.0	0.0	0.0	0.0	0.1	0.5	2.7
75971	76337	2088	2089	0.0	0.0	0.0	0.0	0.7	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.0	0.0	0.0	0.0	0.1	0.5	2.7
76337	76702	2089	2090	0.0	0.0	0.0	0.0	0.7	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.0	0.0	0.0	0.0	0.1	0.5	2.7
76702	77067	2090	2091	0.0	0.0	0.0	0.0	0.7	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.1	0.5	2.7
77067	77432	2091	2092	0.0	0.0	0.0	0.0	0.7	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.1	0.5	2.8
77432	77798	2092	2093	0.0	0.0	0.0	0.0	0.7	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.1	0.5	2.8
77798	78163	2093	2094	0.0	0.0	0.0	0.0	0.7	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.1	0.5	2.8
78163	78528	2094	2095	0.0	0.0	0.0	0.0	0.7	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.1	0.5	2.9
78528	78893	2095	2096	0.0	0.0	0.0	0.0	0.7	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.1	0.5	2.9
78893	79259	2096	2097	0.0	0.0	0.0	0.0	0.7	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.1	0.5	2.9
79259	79624	2097	2098	0.0	0.0	0.0	0.0	0.7	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.1	0.5	2.9
79624	79989	2098	2099	0.0	0.0	0.0	0.0	0.7	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.1	0.5	3.0
79989	80354	2099	2100	0.0	0.0	0.0	0.0	0.7	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.1	0.5	3.0
80354	80719	2100	2101	0.0	0.0	0.0	0.0	0.7	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.1	0.5	3.0
80719	81084	2101	2102	0.0	0.0	0.0	0.0	0.7	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.1	0.5	3.1
81084	81449	2102	2103	0.0	0.0	0.0	0.0	0.7	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.1	0.5	3.1
81449	81814	2103	2104	0.0	0.0	0.0	0.0	0.7	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.1	0.5	3.1
81814	82180	2104	2105	0.0	0.0	0.0	0.0	0.7	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.1	0.5	3.2
82180	82545	2105	2106	0.0	0.0	0.0	0.0	0.7	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.1	0.5	3.2
82545	82910	2106	2107	0.0	0.0	0.0	0.0	0.7	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.1	0.5	3.2
82910	83275	2107	2108	0.0	0.0	0.0	0.0	0.7	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.1	0.5	3.3
83275	83641	2108	2109	0.0	0.0	0.0	0.0	0.8	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.1	0.5	3.3
83641	84006	2109	2110	0.0	0.0	0.0	0.0	0.8	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.1	0.5	3.3
84006	84371	2110	2111	0.0	0.0	0.0	0.0	0.8	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.0	0.0	0.0	0.0	0.1	0.5	3.4
84371	84736	2111	2112	0.0	0.0	0.0	0.0	0.8	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.0	0.0	0.0	0.0	0.1	0.6	3.4
84736	85102	2112	2113	0.0	0.0	0.0	0.0	0.8	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.0	0.0	0.0	0.0	0.1	0.6	3.4
85102	85467	2113	2114	0.0	0.0	0.0	0.0	0.8	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.0	0.0	0.0	0.0	0.1	0.6	3.5
85467	85832	2114	2115	0.0	0.0	0.0	0.0	0.8	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.0	0.0	0.0	0.0	0.2	0.6	3.5
85832	86197	2115	2116	0.0	0.0	0.0	0.0	0.8	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.0	0.0	0.0	0.0	0.2	0.6	3.6
86197	86563	2116	2117	0.0	0.0	0.0	0.0	0.8	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.0	0.0	0.0	0.0	0.2	0.6	3.6
86563	86928	2117	2118	0.0	0.0	0.0	0.0	0.8	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.0	0.0	0.0	0.0	0.2	0.6	3.6
86928	87293	2118	2119	0.0	0.0	0.0	0.0	0.8	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.0	0.0	0.0	0.0	0.2	0.6	3.6
87293	87658	2119	2120	0.0	0.0	0.0	0.0	0.8	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.0	0.0	0.0	0.0	0.2	0.6	3.7

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S2 model)

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
0	1	1880	1880	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6381
1	1827	1880	1885	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
1827	3653	1885	1890	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
3653	5479	1890	1895	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
5479	7305	1895	1900	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
7305	9131	1900	1905	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
9131	10957	1905	1910	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
10957	12783	1910	1915	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
12783	14609	1915	1920	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
14609	16436	1920	1925	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6381
16436	18262	1925	1930	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6381
18262	20088	1930	1935	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6382
20088	21914	1935	1940	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	37	6382
21914	23741	1940	1945	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	37	6382
23741	25567	1945	1950	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	37	6382
25567	27393	1950	1955	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	11	0	0	37	6382
27393	29219	1955	1960	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	11	0	0	37	6382
29219	31046	1960	1965	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	63	11	0	0	37	6382
31046	32872	1965	1970	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	63	11	0	0	37	6382
32872	34698	1970	1975	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	63	11	0	0	37	6383
34698	36524	1975	1980	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	63	11	0	0	37	6383
36524	37255	1980	1982	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	63	11	0	0	37	6383
37255	37985	1982	1984	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	63	11	0	0	37	6383
37985	38351	1984	1985	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	63	11	0	0	37	6383
38351	38716	1985	1986	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	63	11	0	0	37	6383
38716	39446	1986	1988	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	63	11	0	0	37	6383
39446	39812	1988	1989	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	63	11	0	0	37	6383
39812	40177	1989	1990	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	63	11	0	0	37	6383
40177	40542	1990	1991	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	63	11	0	0	37	6384
40542	40907	1991	1992	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	63	11	0	0	37	6384
40907	41273	1992	1993	2722	1318	1230	520	102	56	48	78	83	60	41	14	2	63	11	0	0	37	6384
41273	41638	1993	1994	2722	1318	1230	520	102	56	48	78	83	60	41	14	2	63	11	0	0	37	6384
41638	42003	1994	1995	2722	1318	1230	520	102	56	48	78	83	60	41	14	2	63	11	0	0	37	6384
42003	42368	1995	1996	2722	1318	1230	520	102	56	48	78	83	60	41	14	2	63	11	0	0	37	6384
42368	42734	1996	1997	2722	1318	1230	520	102	56	48	78	83	60	41	14	2	63	11	0	0	37	6384
42734	43099	1997	1998	2722	1318	1230	520	102	56	48	78	83	60	41	14	2	63	11	0	0	37	6384
43099	43464	1998	1999	2722	1318	1230	520	102	56	48	78	83	60	41	14	2	63	11	0	0	37	6384
43464	43829	1999	2000	2722	1318	1230	520	102	56	48	78	83	60	41	14	2	63	11	0	0	37	6384
43829	44195	2000	2001	2722	1318	1230	520	102	56	48	78	83	60	41	14	2	63	11	0	0	37	6384
44195	44560	2001	2002	2722	1318	1230	520	102	56	48	78	83	60	41	14	2	63	11	0	0	37	6384
44560	44925	2002	2003	2722	1318	1230	520	102	56	48	78	83	60	41	14	2	63	11	0	0	37	6384
44925	45290	2003	2004	2722	1318	1230	520	102	56	48	78	83	60	41	14	2	63	11	0	0	37	6384
45290	45656	2004	2005	2722	1318	1230	520	102	56	48	78	83	60	41	14	2	63	11	0	0	37	6384
45656	46021	2005	2006	2722	1318	1230	520	102	56	48	78	83	60	41	14	2	63	11	0	0	37	6384
46021	46386	2006	2007	2722	1318	1230	520	102	56	48	78	83	60	41	14	2	63	11	0	0	37	6384
46386	46751	2007	2008	2722	1318	1230	520	102	56	48	78	83	60	41	14	2	63	11	0	0	37	6384
46751	47117	2008	2009	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	63	11	0	0	37	6384
47117	47482	2009	2010	2722	1318	1230	520	102	56	48	78	83	60	41	14	2	63	11	0	0	37	6384
47482	47847	2010	2011	2722	1318	1230	520	102	56	48	78	83	60	41	14	2	63	11	0	0	37	6385
47847	48212	2011	2012	2722	1318	1230	520	102	56	48	78	83	60	41	14	2	63	11	0	0	37	6385
48212	48578	2012	2013	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	63	11	0	0	37	6385
48578	48943	2013	2014	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	63	11	0	0	37	6385

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
0	1	1880	1880	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
1	1827	1880	1885	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
1827	3653	1885	1890	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
3653	5479	1890	1895	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
5479	7305	1895	1900	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
7305	9131	1900	1905	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
9131	10957	1905	1910	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
10957	12783	1910	1915	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
12783	14609	1915	1920	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
14609	16436	1920	1925	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
16436	18262	1925	1930	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
18262	20088	1930	1935	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
20088	21914	1935	1940	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
21914	23741	1940	1945	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
23741	25567	1945	1950	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
25567	27393	1950	1955	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
27393	29219	1955	1960	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
29219	31046	1960	1965	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
31046	32872	1965	1970	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
32872	34698	1970	1975	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
34698	36524	1975	1980	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
36524	37255	1980	1982	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
37255	37985	1982	1984	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
37985	38351	1984	1985	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
38351	38716	1985	1986	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
38716	39446	1986	1988	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
39446	39812	1988	1989	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
39812	40177	1989	1990	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
40177	40542	1990	1991	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
40542	40907	1991	1992	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
40907	41273	1992	1993	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
41273	41638	1993	1994	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
41638	42003	1994	1995	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
42003	42368	1995	1996	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
42368	42734	1996	1997	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
42734	43099	1997	1998	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
43099	43464	1998	1999	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
43464	43829	1999	2000	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
43829	44195	2000	2001	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
44195	44560	2001	2002	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
44560	44925	2002	2003	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
44925	45290	2003	2004	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
45290	45656	2004	2005	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
45656	46021	2005	2006	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
46021	46386	2006	2007	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
46386	46751	2007	2008	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
46751	47117	2008	2009	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
47117	47482	2009	2010	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.1
47482	47847	2010	2011	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
47847	48212	2011	2012	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
48212	48578	2012	2013	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
48578	48943	2013	2014	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S2 model)

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
48943	49308	2014	2015	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	63	11	0	0	37	6385
49308	49673	2015	2016	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	63	11	0	0	37	6385
49673	50039	2016	2017	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	63	11	0	0	37	6385
50039	50404	2017	2018	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	63	11	0	0	37	6385
50404	50769	2018	2019	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	63	11	0	0	37	6385
50769	51134	2019	2020	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	63	11	0	0	37	6385
51134	51500	2020	2021	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	63	11	0	0	37	6385
51500	51865	2021	2022	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	37	6385
51865	52230	2022	2023	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	37	6385
52230	52595	2023	2024	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	37	6385
52595	52961	2024	2025	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	37	6385
52961	53326	2025	2026	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	37	6385
53326	53691	2026	2027	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	37	6385
53691	54056	2027	2028	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	37	6385
54056	54422	2028	2029	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	37	6386
54422	54787	2029	2030	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	37	6386
54787	55152	2030	2031	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	37	6386
55152	55517	2031	2032	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	37	6386
55517	55883	2032	2033	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	37	6386
55883	56248	2033	2034	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	37	6386
56248	56613	2034	2035	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	37	6386
56613	56978	2035	2036	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	37	6386
56978	57344	2036	2037	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	37	6386
57344	57709	2037	2038	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	37	6386
57709	58074	2038	2039	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	37	6386
58074	58439	2039	2040	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	37	6386
58439	58805	2040	2041	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	37	6387
58805	59170	2041	2042	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	38	6387
59170	59535	2042	2043	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	38	6387
59535	59900	2043	2044	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	38	6387
59900	60266	2044	2045	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	38	6387
60266	60631	2045	2046	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	38	6387
60631	60996	2046	2047	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	38	6388
60996	61361	2047	2048	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	38	6388
61361	61727	2048	2049	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	38	6388
61727	62092	2049	2050	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	38	6388
62092	62457	2050	2051	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	64	11	0	0	38	6388
62457	62822	2051	2052	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	65	11	0	0	38	6389
62822	63188	2052	2053	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	65	11	0	0	38	6389
63188	63553	2053	2054	2722	1318	1230	520	103	56	48	78	83	60	41	14	2	65	11	0	0	38	6389
63553	63918	2054	2055	2722	1318	1230	520	103	56	48	78	83	60	42	14	2	65	11	0	0	38	6389
63918	64283	2055	2056	2722	1318	1230	520	103	56	48	78	83	60	42	14	2	65	11	0	0	38	6390
64283	64649	2056	2057	2722	1318	1230	520	103	56	48	78	83	60	42	14	2	65	11	0	0	38	6390
64649	65014	2057	2058	2722	1318	1230	520	103	56	48	78	83	60	42	14	2	65	11	0	0	38	6390
65014	65379	2058	2059	2722	1318	1230	520	103	56	48	78	83	60	42	14	2	65	11	0	0	38	6390
65379	65744	2059	2060	2722	1318	1230	521	103	56	48	78	83	60	42	14	2	65	11	0	0	38	6390
65744	66110	2060	2061	2722	1318	1230	521	103	56	49	78	83	60	42	14	2	65	11	0	0	38	6391
66110	66475	2061	2062	2722	1318	1230	521	103	56	49	78	83	60	42	14	2	65	11	0	0	38	6391
66475	66840	2062	2063	2722	1318	1230	521	103	56	49	78	83	60	42	14	2	66	11	0	0	38	6392
66840	67205	2063	2064	2722	1318	1230	521	103	56	49	78	83	60	42	14	2	66	11	0	0	38	6392
67205	67571	2064	2065	2722	1318	1230	521	103	56	49	78	83	60	42	14	2	66	11	0	0	39	6393
67571	67936	2065	2066	2722	1318	1230	521	103	56	49	78	83	60	42	14	2	66	12	0	0	39	6393
67936	68301	2066	2067	2722	1318	1230	521	103	56	49	78	83	60	42	14	2	66	12	0	0	39	6394

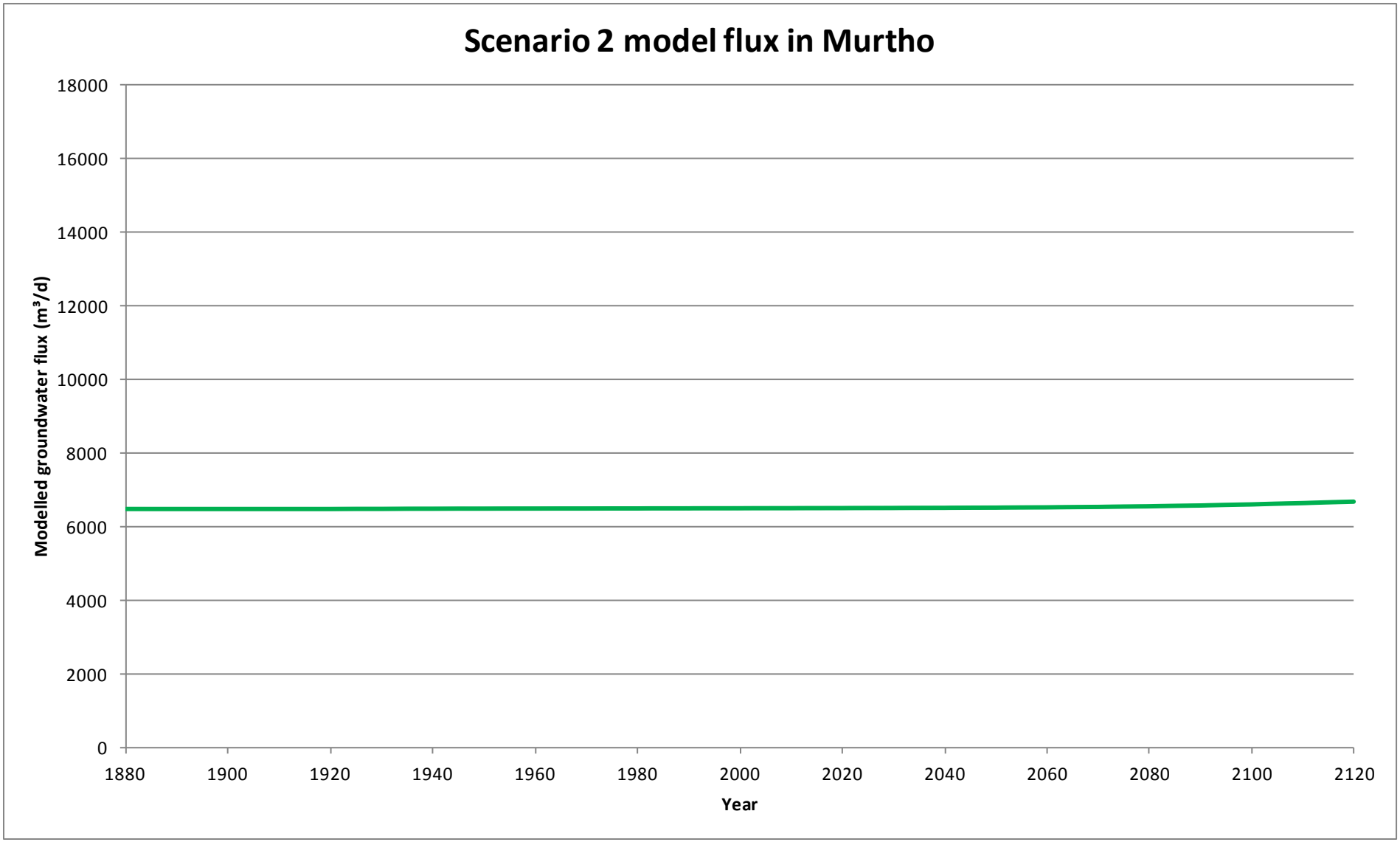
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
48943	49308	2014	2015	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
49308	49673	2015	2016	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
49673	50039	2016	2017	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
50039	50404	2017	2018	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
50404	50769	2018	2019	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
50769	51134	2019	2020	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
51134	51500	2020	2021	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
51500	51865	2021	2022	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
51865	52230	2022	2023	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
52230	52595	2023	2024	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
52595	52961	2024	2025	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
52961	53326	2025	2026	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
53326	53691	2026	2027	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
53691	54056	2027	2028	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
54056	54422	2028	2029	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
54422	54787	2029	2030	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
54787	55152	2030	2031	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
55152	55517	2031	2032	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
55517	55883	2032	2033	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
55883	56248	2033	2034	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
56248	56613	2034	2035	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
56613	56978	2035	2036	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
56978	57344	2036	2037	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
57344	57709	2037	2038	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
57709	58074	2038	2039	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
58074	58439	2039	2040	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
58439	58805	2040	2041	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
58805	59170	2041	2042	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.0	19.1
59170	59535	2042	2043	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.1
59535	59900	2043	2044	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.1
59900	60266	2044	2045	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.1
60266	60631	2045	2046	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.1
60631	60996	2046	2047	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.1
60996	61361	2047	2048	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.1
61361	61727	2048	2049	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.1
61727	62092	2049	2050	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.1
62092	62457	2050	2051	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.2
62457	62822	2051	2052	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.2
62822	63188	2052	2053	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.2
63188	63553	2053	2054	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.2
63553	63918	2054	2055	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.2
63918	64283	2055	2056	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.2
64283	64649	2056	2057	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.2
64649	65014	2057	2058	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.2
65014	65379	2058	2059	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.2
65379	65744	2059	2060	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.2
65744	66110	2060	2061	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.2
66110	66475	2061	2062	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.2
66475	66840	2062	2063	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.2
66840	67205	2063	2064	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.2
67205	67571	2064	2065	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.2
67571	67936	2065	2066	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.2
67936	68301	2066	2067	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.2

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S2 model)

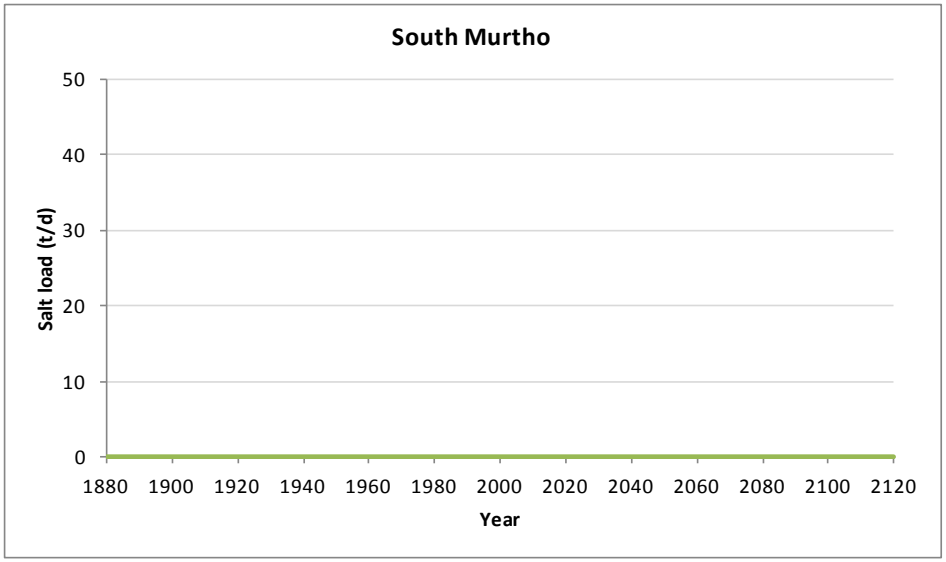
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
68301	68666	2067	2068	2722	1318	1230	521	104	56	49	78	83	60	42	14	2	66	12	0	0	39	6394
68666	69032	2068	2069	2722	1318	1230	521	104	56	49	78	83	60	42	14	2	66	12	0	0	39	6394
69032	69397	2069	2070	2722	1318	1230	521	104	56	49	78	83	60	42	14	2	66	12	0	0	39	6395
69397	69762	2070	2071	2722	1318	1230	521	104	56	49	78	83	60	42	14	2	66	12	0	0	39	6395
69762	70127	2071	2072	2722	1318	1230	521	104	56	49	78	83	60	42	14	2	67	12	0	0	39	6396
70127	70493	2072	2073	2722	1318	1230	521	104	56	49	78	83	60	42	14	2	67	12	0	0	39	6397
70493	70858	2073	2074	2722	1318	1230	521	104	56	49	78	83	60	42	14	2	67	12	0	0	39	6398
70858	71223	2074	2075	2722	1318	1230	522	104	56	49	78	83	60	42	14	2	67	12	0	0	39	6399
71223	71588	2075	2076	2722	1318	1230	522	104	56	49	78	83	60	42	14	2	67	12	0	0	39	6399
71588	71954	2076	2077	2722	1318	1230	522	104	56	49	78	83	60	42	14	2	67	12	0	0	40	6400
71954	72319	2077	2078	2722	1318	1230	522	105	56	49	78	84	60	42	14	2	68	12	0	0	40	6400
72319	72684	2078	2079	2722	1318	1230	522	105	56	49	78	84	61	42	14	2	68	12	0	0	40	6401
72684	73049	2079	2080	2722	1318	1230	522	105	56	50	78	84	61	42	14	2	68	12	0	0	40	6401
73049	73415	2080	2081	2722	1318	1230	522	105	56	50	78	84	61	42	14	2	68	12	0	0	40	6403
73415	73780	2081	2082	2722	1318	1230	522	105	56	50	78	84	61	42	14	2	68	12	0	0	40	6404
73780	74145	2082	2083	2722	1318	1230	522	105	56	50	78	84	61	42	14	2	69	12	0	0	40	6405
74145	74510	2083	2084	2722	1318	1230	523	106	56	50	78	84	61	42	14	2	69	12	0	0	40	6406
74510	74876	2084	2085	2722	1318	1230	523	106	56	50	78	84	61	42	14	2	69	12	0	0	41	6407
74876	75241	2085	2086	2722	1318	1230	523	106	56	50	78	84	61	42	14	2	69	12	0	0	41	6408
75241	75606	2086	2087	2722	1318	1230	523	106	56	50	78	84	61	42	14	2	70	12	0	0	41	6409
75606	75971	2087	2088	2722	1318	1230	523	106	56	50	78	84	61	43	14	2	70	13	0	0	41	6410
75971	76337	2088	2089	2722	1318	1230	523	106	56	50	78	84	61	43	14	2	70	13	0	0	41	6411
76337	76702	2089	2090	2722	1318	1230	523	106	56	50	78	84	61	43	14	2	70	13	0	0	41	6411
76702	77067	2090	2091	2722	1318	1230	524	107	56	51	78	84	61	43	14	2	70	13	0	0	41	6413
77067	77432	2091	2092	2722	1318	1230	524	107	56	51	78	84	61	43	14	2	71	13	0	0	42	6414
77432	77798	2092	2093	2722	1318	1230	524	107	56	51	78	84	61	43	14	2	71	13	0	0	42	6416
77798	78163	2093	2094	2722	1318	1230	524	108	56	51	78	84	61	43	14	2	71	13	0	0	42	6417
78163	78528	2094	2095	2722	1318	1230	525	108	56	51	78	84	61	43	14	2	72	13	0	0	42	6419
78528	78893	2095	2096	2722	1318	1230	525	108	56	51	78	84	61	43	14	2	72	13	0	0	42	6420
78893	79259	2096	2097	2722	1318	1230	525	108	56	51	78	84	61	43	14	2	72	13	0	0	42	6421
79259	79624	2097	2098	2722	1318	1230	525	108	56	52	78	84	61	43	15	2	73	13	0	0	43	6423
79624	79989	2098	2099	2722	1318	1230	525	109	56	52	78	84	61	43	15	2	73	13	0	0	43	6424
79989	80354	2099	2100	2722	1318	1230	526	109	56	52	78	84	61	43	15	2	73	13	0	0	43	6425
80354	80719	2100	2101	2722	1318	1230	526	109	56	52	78	84	61	43	15	2	73	13	0	0	43	6427
80719	81084	2101	2102	2722	1318	1230	526	110	56	52	78	84	61	43	15	2	74	14	0	0	43	6428
81084	81449	2102	2103	2722	1318	1230	527	110	56	52	78	84	62	43	15	2	74	14	0	0	44	6431
81449	81814	2103	2104	2722	1318	1230	527	110	56	53	78	84	62	44	15	2	75	14	0	0	44	6432
81814	82180	2104	2105	2722	1318	1230	527	111	56	53	78	84	62	44	15	2	75	14	0	0	44	6434
82180	82545	2105	2106	2722	1318	1230	527	111	56	53	78	84	62	44	15	2	75	14	0	0	44	6436
82545	82910	2106	2107	2722	1318	1230	528	111	56	53	78	84	62	44	15	2	76	14	0	0	45	6437
82910	83275	2107	2108	2722	1318	1230	528	111	56	53	78	84	62	44	15	2	76	14	0	0	45	6439
83275	83641	2108	2109	2722	1318	1230	528	112	56	53	78	84	62	44	15	2	76	14	0	0	45	6440
83641	84006	2109	2110	2722	1318	1230	528	112	56	53	78	84	62	44	15	2	77	14	0	0	45	6441
84006	84371	2110	2111	2722	1318	1230	529	112	56	54	78	84	62	44	15	2	77	14	0	0	45	6443
84371	84736	2111	2112	2722	1318	1230	529	113	56	54	78	84	62	44	15	2	77	14	0	0	46	6446
84736	85102	2112	2113	2722	1318	1230	530	113	56	54	78	84	62	44	15	2	78	15	0	0	46	6448
85102	85467	2113	2114	2722	1318	1230	530	114	56	54	79	84	62	44	15	2	78	15	0	0	46	6450
85467	85832	2114	2115	2722	1318	1230	530	114	56	54	79	84	62	44	15	2	79	15	0	0	46	6452
85832	86197	2115	2116	2722	1318	1230	531	114	56	55	79	84	62	45	15	3	79	15	0	0	47	6454
86197	86563	2116	2117	2722	1318	1230	531	115	56	55	79	84	62	45	15	3	80	15	0	0	47	6455
86563	86928	2117	2118	2722	1318	1230	531	115	56	55	79	84	62	45	15	3	80	15	0	0	47	6457
86928	87293	2118	2119	2722	1318	1230	531	115	57	55	79	84	62	45	15	3	80	15	0	0	47	6459
87293	87658	2119	2120	2722	1318	1230	532	116	57	55	79	85	63	45	15	3	81	15	0	0	47	6461

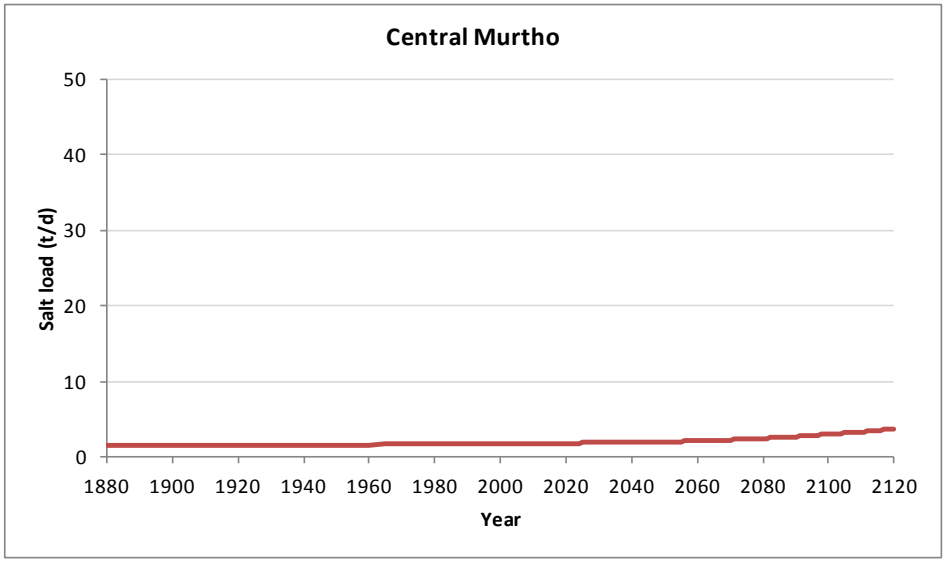
				North Murtho																		
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
68301	68666	2067	2068	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.3
68666	69032	2068	2069	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.3
69032	69397	2069	2070	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.3
69397	69762	2070	2071	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.2	0.0	0.0	1.1	19.3
69762	70127	2071	2072	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.3	0.0	0.0	1.1	19.3
70127	70493	2072	2073	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.3	0.0	0.0	1.1	19.3
70493	70858	2073	2074	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.3	0.0	0.0	1.1	19.3
70858	71223	2074	2075	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.3	0.0	0.0	1.1	19.3
71223	71588	2075	2076	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.3	0.0	0.0	1.1	19.3
71588	71954	2076	2077	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.3	0.0	0.0	1.1	19.4
71954	72319	2077	2078	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.3	0.0	0.0	1.1	19.4
72319	72684	2078	2079	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.3	0.0	0.0	1.1	19.4
72684	73049	2079	2080	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.4	0.3	0.0	0.0	1.1	19.4
73049	73415	2080	2081	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.5	0.3	0.0	0.0	1.1	19.4
73415	73780	2081	2082	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.5	0.3	0.0	0.0	1.1	19.4
73780	74145	2082	2083	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.5	0.3	0.0	0.0	1.1	19.4
74145	74510	2083	2084	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.5	0.3	0.0	0.0	1.1	19.5
74510	74876	2084	2085	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.5	0.3	0.0	0.0	1.1	19.5
74876	75241	2085	2086	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.5	0.3	0.0	0.0	1.1	19.5
75241	75606	2086	2087	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.5	0.3	0.0	0.0	1.1	19.5
75606	75971	2087	2088	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.5	0.3	0.0	0.0	1.1	19.5
75971	76337	2088	2089	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.5	0.3	0.0	0.0	1.1	19.5
76337	76702	2089	2090	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.5	0.3	0.0	0.0	1.1	19.5
76702	77067	2090	2091	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.5	0.3	0.0	0.0	1.2	19.6
77067	77432	2091	2092	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.5	0.3	0.0	0.0	1.2	19.6
77432	77798	2092	2093	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.5	0.3	0.0	0.0	1.2	19.6
77798	78163	2093	2094	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.5	0.3	0.0	0.0	1.2	19.6
78163	78528	2094	2095	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.5	0.3	0.0	0.0	1.2	19.7
78528	78893	2095	2096	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.5	0.3	0.0	0.0	1.2	19.7
78893	79259	2096	2097	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.5	0.3	0.0	0.0	1.2	19.7
79259	79624	2097	2098	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.6	0.3	0.0	0.0	1.2	19.7
79624	79989	2098	2099	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.6	0.3	0.0	0.0	1.2	19.7
79989	80354	2099	2100	3.7	1.8	1.7	0.7	0.4	1.2	1.2	1.7	1.8	1.3	0.9	0.3	0.0	1.6	0.3	0.0	0.0	1.2	19.7
80354	80719	2100	2101	3.7	1.8	1.7	0.7	0.4	1.2	1.2	1.7	1.8	1.3	0.9	0.3	0.0	1.6	0.3	0.0	0.0	1.2	19.8
80719	81084	2101	2102	3.7	1.8	1.7	0.7	0.4	1.2	1.2	1.7	1.8	1.3	0.9	0.3	0.0	1.6	0.3	0.0	0.0	1.2	19.8
81084	81449	2102	2103	3.7	1.8	1.7	0.7	0.4	1.2	1.2	1.7	1.8	1.3	0.9	0.3	0.0	1.6	0.3	0.0	0.0	1.2	19.8
81449	81814	2103	2104	3.7	1.8	1.7	0.7	0.4	1.3	1.2	1.7	1.8	1.3	0.9	0.3	0.1	1.6	0.3	0.0	0.0	1.2	19.9
81814	82180	2104	2105	3.7	1.8	1.7	0.7	0.4	1.3	1.2	1.7	1.8	1.3	0.9	0.3	0.1	1.6	0.3	0.0	0.0	1.2	19.9
82180	82545	2105	2106	3.7	1.8	1.7	0.7	0.4	1.3	1.2	1.7	1.8	1.3	0.9	0.3	0.1	1.6	0.3	0.0	0.0	1.2	19.9
82545	82910	2106	2107	3.7	1.8	1.7	0.7	0.4	1.3	1.2	1.7	1.8	1.3	0.9	0.3	0.1	1.6	0.3	0.0	0.0	1.2	19.9
82910	83275	2107	2108	3.7	1.8	1.7	0.7	0.4	1.3	1.2	1.7	1.8	1.3	0.9	0.3	0.1	1.6	0.3	0.0	0.0	1.2	20.0
83275	83641	2108	2109	3.7	1.8	1.7	0.7	0.4	1.3	1.2	1.7	1.8	1.3	0.9	0.3	0.1	1.6	0.3	0.0	0.0	1.3	20.0
83641	84006	2109	2110	3.7	1.8	1.7	0.7	0.4	1.3	1.2	1.7	1.8	1.3	0.9	0.3	0.1	1.6	0.3	0.0	0.0	1.3	20.0
84006	84371	2110	2111	3.7	1.8	1.7	0.7	0.4	1.3	1.2	1.7	1.8	1.3	0.9	0.3	0.1	1.6	0.3	0.0	0.0	1.3	20.0
84371	84736	2111	2112	3.7	1.8	1.7	0.7	0.4	1.3	1.2	1.7	1.8	1.3	0.9	0.3	0.1	1.7	0.3	0.0	0.0	1.3	20.1
84736	85102	2112	2113	3.7	1.8	1.7	0.7	0.4	1.3	1.2	1.7	1.8	1.3	0.9	0.3	0.1	1.7	0.3	0.0	0.0	1.3	20.1
85102	85467	2113	2114	3.7	1.8	1.7	0.7	0.4	1.3	1.2	1.7	1.8	1.3	0.9	0.3	0.1	1.7	0.3	0.0	0.0	1.3	20.1
85467	85832	2114	2115	3.7	1.8	1.7	0.7	0.4	1.3	1.2	1.7	1.8	1.3	0.9	0.3	0.1	1.7	0.3	0.0	0.0	1.3	20.2
85832	86197	2115	2116	3.7	1.8	1.7	0.7	0.4	1.3	1.2	1.7	1.8	1.3	1.0	0.3	0.1	1.7	0.3	0.0	0.0	1.3	20.2
86197	86563	2116	2117	3.7	1.8	1.7	0.7	0.4	1.3	1.2	1.7	1.8	1.3	1.0	0.3	0.1	1.7	0.3	0.0	0.0	1.3	20.2
86563	86928	2117	2118	3.7	1.8	1.7	0.7	0.4	1.3	1.2	1.7	1.8	1.3	1.0	0.3	0.1	1.7	0.3	0.0	0.0	1.3	20.2
86928	87293	2118	2119	3.7	1.8	1.7	0.7	0.4	1.3	1.2	1.7	1.8	1.3	1.0	0.3	0.1	1.7	0.3	0.0	0.0	1.3	20.3
87293	87658	2119	2120	3.7	1.8	1.7	0.7	0.4	1.3	1.2	1.7	1.8	1.3	1.0	0.3	0.1	1.7	0.3	0.0	0.0	1.3	20.3

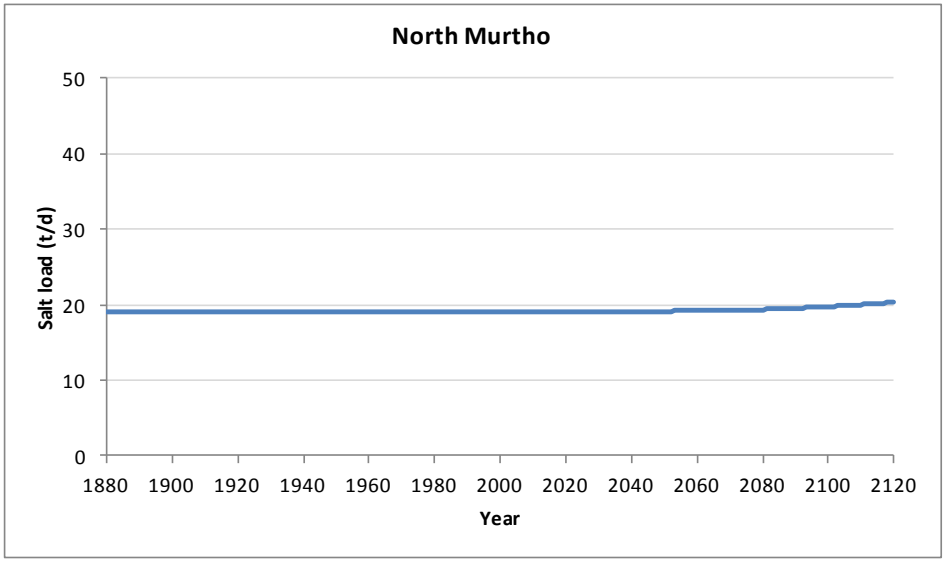
B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S2 model)



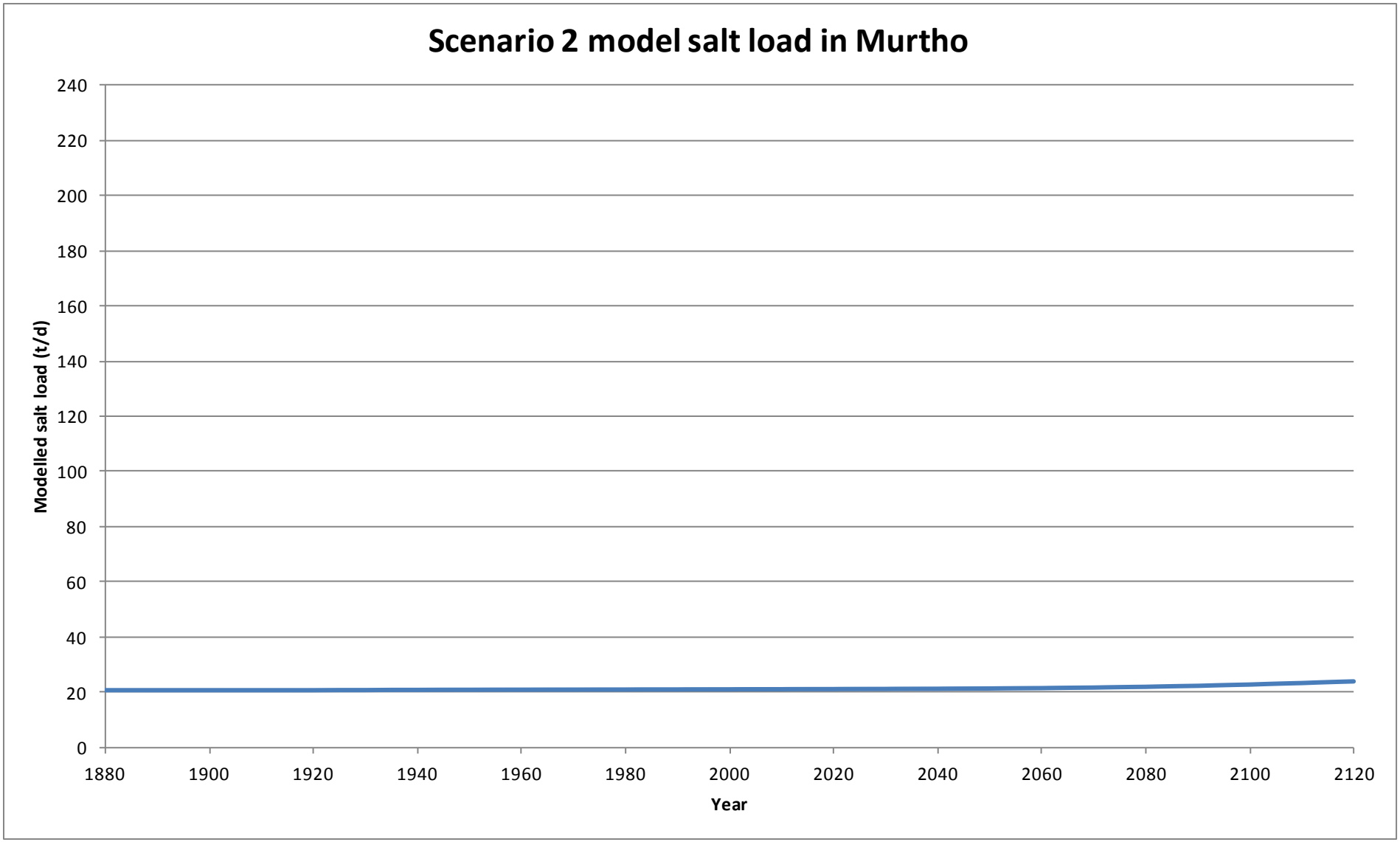
B-3. Graph of modelled groundwater flux (m³/d) entering the River Murray in Murtho (S2 model)







B-3. Graph of modelled salt load (t/d) entering the River Murray in Murtho (S2 model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Murtho (S2 model)

Scenario 3A

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
0	1	1880	1880	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
1	1827	1880	1885	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
1827	3653	1885	1890	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
3653	5479	1890	1895	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
5479	7305	1895	1900	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
7305	9131	1900	1905	27	16	14	5	4	0	1	6	19	2	12	13	30	31	12	0	0	192
9131	10957	1905	1910	27	16	14	6	4	1	2	10	24	2	13	15	32	33	13	0	0	212
10957	12783	1910	1915	27	16	14	7	4	1	3	12	25	2	14	15	33	33	13	0	0	218
12783	14609	1915	1920	27	16	15	7	5	1	3	12	25	2	14	15	33	33	13	0	0	221
14609	16436	1920	1925	27	16	15	7	5	1	4	13	25	2	14	15	33	33	13	0	0	223
16436	18262	1925	1930	27	16	15	7	5	1	4	13	25	2	14	15	33	33	13	0	0	224
18262	20088	1930	1935	27	16	15	8	5	1	4	13	25	2	14	15	33	33	13	0	0	224
20088	21914	1935	1940	30	43	244	157	20	8	13	14	26	2	14	15	33	33	13	0	16	682
21914	23741	1940	1945	31	50	263	173	24	10	18	15	26	2	14	15	34	33	13	0	20	741
23741	25567	1945	1950	32	54	281	271	63	47	109	46	28	2	15	16	34	33	13	0	23	1068
25567	27393	1950	1955	32	54	267	265	64	48	115	55	29	3	15	16	35	34	14	0	22	1068
27393	29219	1955	1960	115	75	269	267	70	59	229	245	86	3	20	26	46	33	13	0	61	1615
29219	31046	1960	1965	136	117	309	266	68	57	219	238	85	3	21	26	47	33	14	0	99	1737
31046	32872	1965	1970	144	126	316	259	65	53	190	195	71	3	19	23	41	30	12	0	106	1654
32872	34698	1970	1975	143	128	315	251	62	50	170	169	63	3	19	22	39	29	12	0	106	1580
34698	36524	1975	1980	146	130	317	259	65	52	195	248	72	3	19	23	38	26	11	0	107	1710
36524	37255	1980	1982	148	136	324	261	66	53	199	253	72	3	19	23	38	26	10	0	113	1744
37255	37985	1982	1984	153	148	337	262	66	54	200	251	72	3	19	23	37	24	10	0	123	1782
37985	38351	1984	1985	155	153	341	262	66	54	199	247	71	3	19	22	36	24	9	0	128	1790
38351	38716	1985	1986	158	157	346	263	67	54	198	245	70	3	19	22	36	23	9	0	131	1801
38716	39446	1986	1988	161	164	351	264	68	55	209	268	77	3	20	23	37	22	9	0	137	1868
39446	39812	1988	1989	163	168	352	265	69	56	217	285	81	3	20	24	37	22	9	0	140	1912
39812	40177	1989	1990	165	171	356	266	70	57	224	297	84	3	21	24	38	22	9	0	143	1951
40177	40542	1990	1991	168	174	360	268	70	58	228	305	87	3	21	25	39	22	9	0	146	1983
40542	40907	1991	1992	170	178	364	270	71	59	231	311	88	3	21	25	39	22	9	0	148	2009
40907	41273	1992	1993	172	181	368	271	71	59	232	314	89	3	22	26	40	22	9	0	151	2030
41273	41638	1993	1994	174	183	371	272	72	59	233	316	90	3	22	26	40	23	9	0	154	2048
41638	42003	1994	1995	176	186	375	273	72	60	234	318	90	3	22	26	40	23	9	0	156	2062
42003	42368	1995	1996	178	188	378	274	72	60	234	318	90	3	22	26	40	23	9	0	158	2075
42368	42734	1996	1997	180	190	380	275	72	60	235	319	91	3	22	26	40	23	9	0	160	2085
42734	43099	1997	1998	181	192	383	276	73	60	235	319	91	3	22	26	41	23	10	0	161	2095
43099	43464	1998	1999	182	194	385	277	73	60	235	320	91	3	22	26	41	23	10	0	163	2103
43464	43829	1999	2000	184	195	387	277	73	60	235	320	91	3	22	26	41	23	10	0	164	2111
43829	44195	2000	2001	185	197	388	278	73	60	235	320	91	3	22	26	41	23	10	0	166	2118
44195	44560	2001	2002	186	198	390	278	73	60	235	320	91	3	22	26	41	23	10	0	167	2124
44560	44925	2002	2003	187	199	391	279	73	60	235	320	91	3	22	26	41	23	10	0	168	2129
44925	45290	2003	2004	188	200	393	279	73	61	235	320	91	3	22	26	41	23	10	0	169	2135
45290	45656	2004	2005	188	201	394	279	73	61	236	320	91	3	22	26	41	23	10	0	170	2139
45656	46021	2005	2006	189	202	395	280	74	61	236	320	91	3	22	26	41	23	10	0	171	2144
46021	46386	2006	2007	190	203	396	280	74	61	236	320	91	3	22	26	41	23	10	0	171	2148
46386	46751	2007	2008	191	204	397	280	74	61	236	320	91	3	22	27	41	23	10	0	172	2151
46751	47117	2008	2009	191	205	397	280	74	61	236	320	91	3	22	27	41	23	10	0	173	2155
47117	47482	2009	2010	192	205	398	281	74	61	236	320	91	3	23	27	41	23	10	0	173	2158
47482	47847	2010	2011	192	206	399	281	74	61	236	320	91	3	23	27	41	23	10	0	174	2161
47847	48212	2011	2012	193	207	399	281	74	61	236	321	91	4	23	27	41	23	10	0	174	2163
48212	48578	2012	2013	193	207	400	281	74	61	236	321	91	4	23	27	41	23	10	0	175	2166
48578	48943	2013	2014	194	208	401	281	74	61	236	321	91	4	23	27	41	23	10	0	175	2168

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
0	1	1880	1880	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
1	1827	1880	1885	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
1827	3653	1885	1890	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
3653	5479	1890	1895	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
5479	7305	1895	1900	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
7305	9131	1900	1905	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.7
9131	10957	1905	1910	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.8
10957	12783	1910	1915	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
12783	14609	1915	1920	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
14609	16436	1920	1925	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
16436	18262	1925	1930	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
18262	20088	1930	1935	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
20088	21914	1935	1940	0.5	0.7	3.8	0.9	0.1	0.0	0.1	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	7.2
21914	23741	1940	1945	0.5	0.8	4.1	1.0	0.1	0.1	0.1	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	7.9
23741	25567	1945	1950	0.5	0.9	4.4	1.6	0.4	0.3	0.7	0.3	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	10.0
25567	27393	1950	1955	0.5	0.9	4.2	1.6	0.4	0.3	0.7	0.3	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	9.9
27393	29219	1955	1960	1.8	1.3	4.2	1.6	0.4	0.4	1.4	1.5	0.5	0.0	0.1	0.2	0.3	0.2	0.1	0.0	0.4	14.2
29219	31046	1960	1965	2.1	2.0	4.9	1.6	0.4	0.3	1.3	1.4	0.5	0.0	0.1	0.2	0.3	0.2	0.1	0.0	0.6	16.1
31046	32872	1965	1970	2.3	2.2	5.0	1.6	0.4	0.3	1.1	1.2	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	15.8
32872	34698	1970	1975	2.2	2.2	4.9	1.5	0.4	0.3	1.0	1.0	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	15.4
34698	36524	1975	1980	2.3	2.2	5.0	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	16.2
36524	37255	1980	1982	2.3	2.3	5.1	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	16.6
37255	37985	1982	1984	2.4	2.5	5.3	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.1
37985	38351	1984	1985	2.4	2.6	5.4	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.3
38351	38716	1985	1986	2.5	2.7	5.4	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.5
38716	39446	1986	1988	2.5	2.8	5.5	1.6	0.4	0.3	1.3	1.6	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.0
39446	39812	1988	1989	2.6	2.9	5.5	1.6	0.4	0.3	1.3	1.7	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.4
39812	40177	1989	1990	2.6	2.9	5.6	1.6	0.4	0.3	1.3	1.8	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.7
40177	40542	1990	1991	2.6	3.0	5.7	1.6	0.4	0.3	1.4	1.8	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	19.0
40542	40907	1991	1992	2.7	3.0	5.7	1.6	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	0.9	19.2
40907	41273	1992	1993	2.7	3.1	5.8	1.6	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.0	19.5
41273	41638	1993	1994	2.7	3.1	5.8	1.6	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.0	19.6
41638	42003	1994	1995	2.8	3.2	5.9	1.6	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.0	19.8
42003	42368	1995	1996	2.8	3.2	5.9	1.6	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.0	20.0
42368	42734	1996	1997	2.8	3.2	6.0	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.0	20.1
42734	43099	1997	1998	2.8	3.3	6.0	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.0	20.2
43099	43464	1998	1999	2.9	3.3	6.0	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.0	20.3
43464	43829	1999	2000	2.9	3.3	6.1	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.0	20.4
43829	44195	2000	2001	2.9	3.4	6.1	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.0	20.5
44195	44560	2001	2002	2.9	3.4	6.1	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.0	20.6
44560	44925	2002	2003	2.9	3.4	6.1	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	20.6
44925	45290	2003	2004	2.9	3.4	6.2	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	20.7
45290	45656	2004	2005	3.0	3.4	6.2	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	20.8
45656	46021	2005	2006	3.0	3.4	6.2	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	20.8
46021	46386	2006	2007	3.0	3.5	6.2	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	20.9
46386	46751	2007	2008	3.0	3.5	6.2	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	20.9
46751	47117	2008	2009	3.0	3.5	6.2	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	20.9
47117	47482	2009	2010	3.0	3.5	6.3	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.0
47482	47847	2010	2011	3.0	3.5	6.3	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.0
47847	48212	2011	2012	3.0	3.5	6.3	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.1
48212	48578	2012	2013	3.0	3.5	6.3	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.1
48578	48943	2013	2014	3.0	3.5	6.3	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.1

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S3A model)

				Lyrup																		
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
48943	49308	2014	2015	194	208	401	281	74	61	236	321	91	4	23	27	41	23	10	0	176	2170
49308	49673	2015	2016	195	209	401	281	74	61	236	321	91	4	23	27	41	23	10	0	176	2172
49673	50039	2016	2017	195	209	402	282	74	61	236	321	91	4	23	27	41	23	10	0	177	2175
50039	50404	2017	2018	196	209	402	282	74	61	236	321	91	4	23	27	41	23	10	0	177	2177
50404	50769	2018	2019	197	210	403	282	74	61	236	321	91	4	23	27	41	23	10	0	178	2180
50769	51134	2019	2020	198	210	403	282	74	61	236	321	91	4	23	27	41	23	10	0	178	2182
51134	51500	2020	2021	199	211	403	282	74	61	236	321	91	4	23	27	41	23	10	0	179	2184
51500	51865	2021	2022	199	211	404	282	74	61	236	321	91	4	23	27	41	23	10	0	179	2186
51865	52230	2022	2023	200	211	404	282	74	61	236	321	91	4	23	27	41	23	10	0	179	2188
52230	52595	2023	2024	200	211	404	282	74	61	236	321	91	4	23	27	41	23	10	0	180	2189
52595	52961	2024	2025	201	212	404	282	74	61	236	321	91	4	23	27	41	23	10	0	180	2191
52961	53326	2025	2026	201	212	405	282	75	61	236	321	91	4	23	27	41	23	10	0	180	2192
53326	53691	2026	2027	202	212	405	282	75	61	236	321	91	4	23	27	41	23	10	0	181	2194
53691	54056	2027	2028	202	212	405	283	75	61	236	321	91	4	23	27	41	23	10	0	181	2195
54056	54422	2028	2029	202	213	405	283	75	61	236	321	91	4	23	27	41	23	10	0	181	2196
54422	54787	2029	2030	203	213	405	283	75	61	236	321	91	4	23	27	41	23	10	0	181	2197
54787	55152	2030	2031	203	213	406	283	75	61	236	321	91	4	23	27	41	23	10	0	181	2198
55152	55517	2031	2032	203	213	406	283	75	61	236	321	91	4	23	27	41	23	10	0	182	2199
55517	55883	2032	2033	204	213	406	283	75	61	236	321	91	4	23	27	41	23	10	0	182	2200
55883	56248	2033	2034	204	214	406	283	75	61	236	321	91	4	23	27	41	23	10	0	182	2201
56248	56613	2034	2035	204	214	406	283	75	61	236	321	91	4	23	27	41	23	10	0	182	2202
56613	56978	2035	2036	204	214	406	283	75	61	236	321	91	4	23	27	42	23	10	0	182	2203
56978	57344	2036	2037	204	214	406	283	75	61	236	321	91	4	23	27	42	23	10	0	182	2203
57344	57709	2037	2038	205	214	406	283	75	61	236	321	91	4	23	27	42	23	10	0	183	2204
57709	58074	2038	2039	205	214	407	283	75	61	236	321	91	4	23	27	42	23	10	0	183	2205
58074	58439	2039	2040	205	214	407	283	75	61	236	321	91	4	23	27	42	23	10	0	183	2205
58439	58805	2040	2041	205	214	407	283	75	61	236	321	91	4	23	27	42	23	10	0	183	2206
58805	59170	2041	2042	205	215	407	283	75	61	236	321	91	4	23	27	42	23	10	0	183	2207
59170	59535	2042	2043	206	215	407	283	75	61	236	321	91	4	23	27	42	23	10	0	183	2207
59535	59900	2043	2044	206	215	407	283	75	61	236	321	91	4	23	27	42	23	10	0	183	2208
59900	60266	2044	2045	206	215	407	283	75	62	236	321	91	4	23	27	42	23	10	0	183	2208
60266	60631	2045	2046	206	215	407	283	75	62	236	321	91	4	23	27	42	23	10	0	183	2209
60631	60996	2046	2047	206	215	407	283	75	62	236	321	91	4	23	27	42	23	10	0	184	2209
60996	61361	2047	2048	206	215	407	283	75	62	236	321	91	4	23	27	42	23	10	0	184	2210
61361	61727	2048	2049	206	215	407	283	75	62	236	321	91	4	23	27	42	23	10	0	184	2210
61727	62092	2049	2050	207	215	407	283	75	62	236	321	91	4	23	27	42	23	10	0	184	2210
62092	62457	2050	2051	207	215	407	283	75	62	236	321	91	4	23	27	42	23	10	0	184	2211
62457	62822	2051	2052	207	215	407	283	75	62	236	321	91	4	23	27	42	23	10	0	184	2211
62822	63188	2052	2053	207	215	408	283	75	62	236	321	91	4	23	27	42	23	10	0	184	2211
63188	63553	2053	2054	207	215	408	283	75	62	236	321	91	4	23	27	42	23	10	0	184	2212
63553	63918	2054	2055	207	216	408	283	75	62	236	321	91	4	23	27	42	23	10	0	184	2212
63918	64283	2055	2056	207	216	408	283	75	62	236	321	91	4	23	27	42	24	10	0	184	2212
64283	64649	2056	2057	207	216	408	283	75	62	236	321	91	4	23	27	42	24	10	0	184	2213
64649	65014	2057	2058	207	216	408	283	75	62	236	321	91	4	23	27	42	24	10	0	184	2213
65014	65379	2058	2059	207	216	408	283	75	62	236	321	91	4	23	27	42	24	10	0	184	2213
65379	65744	2059	2060	208	216	408	283	75	62	236	321	91	4	23	27	42	24	10	0	184	2214
65744	66110	2060	2061	208	216	408	283	75	62	236	321	91	4	23	27	42	24	10	0	184	2214
66110	66475	2061	2062	208	216	408	283	75	62	236	321	91	4	23	27	42	24	10	0	184	2214
66475	66840	2062	2063	208	216	408	283	75	62	236	321	91	4	23	27	42	24	10	0	185	2214
66840	67205	2063	2064	208	216	408	283	75	62	236	321	91	4	23	27	42	24	10	0	185	2215
67205	67571	2064	2065	208	216	408	283	75	62	236	321	91	4	23	27	42	24	10	0	185	2215

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
48943	49308	2014	2015	3.1	3.5	6.3	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.1
49308	49673	2015	2016	3.1	3.6	6.3	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.2
49673	50039	2016	2017	3.1	3.6	6.3	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.2
50039	50404	2017	2018	3.1	3.6	6.3	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.2
50404	50769	2018	2019	3.1	3.6	6.3	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.3
50769	51134	2019	2020	3.1	3.6	6.3	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.3
51134	51500	2020	2021	3.1	3.6	6.3	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.3
51500	51865	2021	2022	3.1	3.6	6.3	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.3
51865	52230	2022	2023	3.1	3.6	6.3	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.4
52230	52595	2023	2024	3.1	3.6	6.3	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.4
52595	52961	2024	2025	3.2	3.6	6.3	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.4
52961	53326	2025	2026	3.2	3.6	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.4
53326	53691	2026	2027	3.2	3.6	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.4
53691	54056	2027	2028	3.2	3.6	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.5
54056	54422	2028	2029	3.2	3.6	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.5
54422	54787	2029	2030	3.2	3.6	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.5
54787	55152	2030	2031	3.2	3.6	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.5
55152	55517	2031	2032	3.2	3.6	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.5
55517	55883	2032	2033	3.2	3.6	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.5
55883	56248	2033	2034	3.2	3.6	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.5
56248	56613	2034	2035	3.2	3.6	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.5
56613	56978	2035	2036	3.2	3.6	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.5
56978	57344	2036	2037	3.2	3.6	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.6
57344	57709	2037	2038	3.2	3.6	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.6
57709	58074	2038	2039	3.2	3.6	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.6
58074	58439	2039	2040	3.2	3.6	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.1	21.6
58439	58805	2040	2041	3.2	3.7	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.2	21.6
58805	59170	2041	2042	3.2	3.7	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.2	21.6
59170	59535	2042	2043	3.2	3.7	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.2	21.6
59535	59900	2043	2044	3.2	3.7	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.2	21.6
59900	60266	2044	2045	3.2	3.7	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.2	21.6
60266	60631	2045	2046	3.2	3.7	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.2	21.6
60631	60996	2046	2047	3.2	3.7	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.2	21.6
60996	61361	2047	2048	3.2	3.7	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.2	21.6
61361	61727	2048	2049	3.2	3.7	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.2	21.6
61727	62092	2049	2050	3.2	3.7	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.2	21.6
62092	62457	2050	2051	3.2	3.7	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.2	21.6
62457	62822	2051	2052	3.2	3.7	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.2	21.7
62822	63188	2052	2053	3.2	3.7	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.1	0.0	1.2	21.7
63188	63553	2053	2054	3.2	3.7	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
63553	63918	2054	2055	3.3	3.7	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
63918	64283	2055	2056	3.3	3.7	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
64283	64649	2056	2057	3.3	3.7	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
64649	65014	2057	2058	3.3	3.7	6.4	1.7	0.4	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
65014	65379	2058	2059	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
65379	65744	2059	2060	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
65744	66110	2060	2061	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
66110	66475	2061	2062	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
66475	66840	2062	2063	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
66840	67205	2063	2064	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
67205	67571	2064	2065	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S3A model)

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
67571	67936	2065	2066	208	216	408	283	75	62	236	321	91	4	23	27	42	24	10	0	185	2215
67936	68301	2066	2067	208	216	408	283	75	62	236	321	91	4	23	27	42	24	10	0	185	2215
68301	68666	2067	2068	208	216	408	283	75	62	236	321	91	4	23	27	42	24	10	0	185	2216
68666	69032	2068	2069	208	216	408	283	75	62	236	321	91	4	23	27	42	24	10	0	185	2216
69032	69397	2069	2070	208	216	408	283	75	62	236	321	91	4	23	27	42	24	10	0	185	2216
69397	69762	2070	2071	208	216	408	283	75	62	236	321	91	4	23	27	42	24	10	0	185	2216
69762	70127	2071	2072	208	216	408	283	75	62	236	321	91	4	23	27	42	24	10	0	185	2216
70127	70493	2072	2073	208	216	408	283	75	62	236	321	91	4	23	27	42	24	10	0	185	2216
70493	70858	2073	2074	208	216	408	283	75	62	236	321	91	4	23	27	42	24	10	0	185	2217
70858	71223	2074	2075	208	216	408	283	75	62	236	321	91	4	23	27	42	24	10	0	185	2217
71223	71588	2075	2076	209	216	408	283	75	62	236	321	91	4	23	27	42	24	10	0	185	2217
71588	71954	2076	2077	209	216	408	284	75	62	236	321	91	4	23	27	42	24	10	0	185	2217
71954	72319	2077	2078	209	216	408	284	75	62	236	321	91	4	23	27	42	24	10	0	185	2217
72319	72684	2078	2079	209	216	408	284	75	62	236	321	91	4	23	27	42	24	10	0	185	2217
72684	73049	2079	2080	209	216	408	284	75	62	236	321	91	4	23	27	42	24	10	0	185	2218
73049	73415	2080	2081	209	216	408	284	75	62	236	321	91	4	23	27	42	24	10	0	185	2218
73415	73780	2081	2082	209	216	408	284	75	62	236	321	91	4	23	27	42	24	10	0	185	2218
73780	74145	2082	2083	209	216	408	284	75	62	236	321	91	4	23	27	42	24	10	0	185	2218
74145	74510	2083	2084	209	216	408	284	75	62	236	321	91	4	23	27	42	24	10	0	185	2218
74510	74876	2084	2085	209	216	408	284	75	62	236	321	91	4	23	27	42	24	10	0	185	2218
74876	75241	2085	2086	209	217	408	284	75	62	236	321	91	4	23	27	42	24	10	0	185	2218
75241	75606	2086	2087	209	217	408	284	75	62	236	321	91	4	23	27	42	24	10	0	185	2219
75606	75971	2087	2088	209	217	408	284	75	62	236	321	91	4	23	27	42	24	10	0	185	2219
75971	76337	2088	2089	209	217	408	284	75	62	236	321	91	4	23	27	42	24	10	0	185	2219
76337	76702	2089	2090	209	217	408	284	75	62	236	321	91	4	23	27	42	24	10	0	185	2219
76702	77067	2090	2091	209	217	408	284	75	62	236	321	91	4	23	27	42	24	10	0	185	2219
77067	77432	2091	2092	209	217	408	284	75	62	236	321	91	4	23	27	42	24	10	0	185	2219
77432	77798	2092	2093	209	217	408	284	75	62	236	321	91	4	23	27	42	24	10	0	185	2219
77798	78163	2093	2094	209	217	409	284	75	62	236	321	91	4	24	27	42	24	10	0	185	2219
78163	78528	2094	2095	209	217	409	284	75	62	236	321	91	4	24	27	42	24	10	0	185	2219
78528	78893	2095	2096	209	217	409	284	75	62	236	321	91	4	24	27	42	24	10	0	185	2219
78893	79259	2096	2097	209	217	409	284	75	62	236	321	91	4	24	27	42	24	10	0	185	2220
79259	79624	2097	2098	209	217	409	284	75	62	236	321	91	4	24	27	42	24	10	0	185	2220
79624	79989	2098	2099	209	217	409	284	75	62	236	321	91	4	24	27	42	24	10	0	185	2220
79989	80354	2099	2100	209	217	409	284	75	62	236	321	91	4	24	27	42	24	10	0	185	2220
80354	80719	2100	2101	209	217	409	284	75	62	236	321	91	4	24	27	42	24	10	0	185	2220
80719	81084	2101	2102	209	217	409	284	75	62	236	321	91	4	24	27	42	24	10	0	185	2220
81084	81449	2102	2103	209	217	409	284	75	62	236	321	91	4	24	27	42	24	10	0	185	2220
81449	81814	2103	2104	209	217	409	284	75	62	236	321	91	4	24	27	42	24	10	0	185	2220
81814	82180	2104	2105	209	217	409	284	75	62	236	321	91	4	24	27	42	24	10	0	185	2220
82180	82545	2105	2106	209	217	409	284	75	62	236	321	91	4	24	27	42	24	10	0	185	2220
82545	82910	2106	2107	209	217	409	284	75	62	236	321	91	4	24	27	42	24	10	0	186	2220
82910	83275	2107	2108	209	217	409	284	75	62	236	321	91	4	24	27	42	24	10	0	186	2220
83275	83641	2108	2109	209	217	409	284	75	62	236	321	91	4	24	27	42	24	10	0	186	2221
83641	84006	2109	2110	210	217	409	284	75	62	236	321	91	4	24	27	42	24	10	0	186	2221
84006	84371	2110	2111	210	217	409	284	75	62	236	321	91	4	24	27	42	24	10	0	186	2221
84371	84736	2111	2112	210	217	409	284	75	62	236	321	91	4	24	27	42	24	10	0	186	2221
84736	85102	2112	2113	210	217	409	284	75	62	236	321	91	4	24	27	42	24	10	0	186	2221
85102	85467	2113	2114	210	217	409	284	75	62	236	321	91	4	24	27	42	24	10	0	186	2221

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
67571	67936	2065	2066	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
67936	68301	2066	2067	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
68301	68666	2067	2068	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
68666	69032	2068	2069	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
69032	69397	2069	2070	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
69397	69762	2070	2071	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
69762	70127	2071	2072	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
70127	70493	2072	2073	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
70493	70858	2073	2074	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
70858	71223	2074	2075	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
71223	71588	2075	2076	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
71588	71954	2076	2077	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
71954	72319	2077	2078	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
72319	72684	2078	2079	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
72684	73049	2079	2080	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
73049	73415	2080	2081	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
73415	73780	2081	2082	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
73780	74145	2082	2083	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
74145	74510	2083	2084	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
74510	74876	2084	2085	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
74876	75241	2085	2086	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
75241	75606	2086	2087	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
75606	75971	2087	2088	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
75971	76337	2088	2089	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
76337	76702	2089	2090	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
76702	77067	2090	2091	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
77067	77432	2091	2092	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
77432	77798	2092	2093	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
77798	78163	2093	2094	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
78163	78528	2094	2095	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.7
78528	78893	2095	2096	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.8
78893	79259	2096	2097	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.8
79259	79624	2097	2098	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.8
79624	79989	2098	2099	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.8
79989	80354	2099	2100	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.8
80354	80719	2100	2101	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.8
80719	81084	2101	2102	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.8
81084	81449	2102	2103	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.8
81449	81814	2103	2104	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.8
81814	82180	2104	2105	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.8
82180	82545	2105	2106	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.8
82545	82910	2106	2107	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.8
82910	83275	2107	2108	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.8
83275	83641	2108	2109	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.8
83641	84006	2109	2110	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.8
84006	84371	2110	2111	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.8
84371	84736	2111	2112	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.8
84736	85102	2112	2113	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.8
85102	85467	2113	2114	3.3	3.7	6.4	1.7	0.5	0.4	1.4	1.9	0.5	0.0	0.1	0.2	0.3	0.1	0.1	0.0	1.2	21.8

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S3A model)

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Flux
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)														
0	1	1880	1880	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
1	1827	1880	1885	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
1827	3653	1885	1890	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
3653	5479	1890	1895	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
5479	7305	1895	1900	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
7305	9131	1900	1905	4	37	50	65	45	25	7	4	10	2	33	13	33	159	487
9131	10957	1905	1910	4	37	50	65	45	25	7	4	10	2	33	13	33	159	488
10957	12783	1910	1915	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
12783	14609	1915	1920	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
14609	16436	1920	1925	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
16436	18262	1925	1930	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
18262	20088	1930	1935	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
20088	21914	1935	1940	4	37	50	65	45	25	7	4	10	2	33	13	34	160	490
21914	23741	1940	1945	4	37	50	65	45	25	7	4	11	2	33	14	34	160	492
23741	25567	1945	1950	4	37	50	65	45	26	7	4	11	2	33	14	35	161	495
25567	27393	1950	1955	4	37	50	65	45	26	7	4	11	2	33	14	35	161	497
27393	29219	1955	1960	4	37	50	65	46	26	7	4	12	3	35	16	49	180	534
29219	31046	1960	1965	4	39	51	65	48	28	7	4	13	3	40	17	54	222	596
31046	32872	1965	1970	4	42	52	66	55	41	7	5	14	8	74	25	87	722	1203
32872	34698	1970	1975	5	46	53	66	60	49	7	5	14	11	90	28	101	840	1374
34698	36524	1975	1980	5	48	53	66	62	52	7	5	15	12	95	29	106	892	1447
36524	37255	1980	1982	5	48	53	67	63	53	7	5	15	13	97	30	108	904	1467
37255	37985	1982	1984	5	49	53	67	64	53	7	5	15	13	98	31	110	917	1487
37985	38351	1984	1985	5	50	53	67	64	54	7	5	15	13	98	31	111	919	1492
38351	38716	1985	1986	5	50	53	67	64	54	7	5	15	13	99	31	111	922	1498
38716	39446	1986	1988	5	51	54	67	65	54	7	5	16	14	100	32	113	938	1519
39446	39812	1988	1989	5	51	54	67	65	55	7	5	16	14	100	32	114	944	1529
39812	40177	1989	1990	5	51	54	67	66	55	7	5	16	14	101	32	115	953	1541
40177	40542	1990	1991	5	53	54	67	72	95	7	5	17	35	149	34	119	969	1681
40542	40907	1991	1992	5	54	55	67	77	105	7	5	18	39	161	36	123	990	1742
40907	41273	1992	1993	5	56	55	67	79	109	8	5	18	40	166	37	126	1006	1775
41273	41638	1993	1994	5	56	55	67	80	110	8	5	18	41	168	37	127	1019	1798
41638	42003	1994	1995	5	57	55	68	80	112	8	5	19	41	170	38	129	1030	1815
42003	42368	1995	1996	5	57	55	68	81	112	8	5	19	42	171	38	130	1039	1829
42368	42734	1996	1997	5	58	55	68	81	113	8	5	19	42	172	39	132	1047	1842
42734	43099	1997	1998	5	58	55	68	82	113	8	5	19	42	173	39	133	1054	1853
43099	43464	1998	1999	5	58	55	68	82	114	8	5	19	42	173	39	134	1061	1863
43464	43829	1999	2000	5	58	55	68	82	114	8	5	19	42	174	39	134	1067	1873
43829	44195	2000	2001	5	59	56	68	82	114	8	5	19	43	175	40	135	1073	1881
44195	44560	2001	2002	5	59	56	68	83	115	8	5	20	43	175	40	136	1079	1890
44560	44925	2002	2003	5	59	56	68	83	115	8	5	20	43	176	40	137	1084	1897
44925	45290	2003	2004	5	60	56	68	83	115	8	5	20	43	176	40	137	1089	1905
45290	45656	2004	2005	5	60	56	68	83	116	8	5	20	43	177	40	138	1093	1912
45656	46021	2005	2006	5	60	56	68	84	116	8	5	20	43	177	40	138	1097	1919
46021	46386	2006	2007	5	61	56	68	84	116	8	5	20	43	177	41	139	1101	1925
46386	46751	2007	2008	5	61	56	68	84	116	8	5	20	43	178	41	140	1105	1930
46751	47117	2008	2009	5	61	56	68	84	117	8	5	20	43	178	41	140	1109	1936
47117	47482	2009	2010	5	61	56	68	84	117	8	5	20	43	178	41	140	1112	1941
47482	47847	2010	2011	5	61	56	68	85	117	8	5	20	44	179	41	141	1115	1945
47847	48212	2011	2012	5	61	56	68	85	117	8	5	20	44	179	41	141	1118	1950
48212	48578	2012	2013	5	62	56	68	85	117	8	5	20	44	179	41	142	1121	1954
48578	48943	2013	2014	5	62	56	68	85	118	8	5	20	44	180	41	142	1124	1958

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Salt Load
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)														
0	1	1880	1880	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
1	1827	1880	1885	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
1827	3653	1885	1890	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
3653	5479	1890	1895	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
5479	7305	1895	1900	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
7305	9131	1900	1905	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
9131	10957	1905	1910	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
10957	12783	1910	1915	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
12783	14609	1915	1920	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
14609	16436	1920	1925	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
16436	18262	1925	1930	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
18262	20088	1930	1935	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
20088	21914	1935	1940	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.6	13.2
21914	23741	1940	1945	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.6	13.3
23741	25567	1945	1950	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.7	13.4
25567	27393	1950	1955	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.6	4.7	13.4
27393	29219	1955	1960	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	1.0	0.4	0.8	5.2	14.3
29219	31046	1960	1965	0.1	1.1	1.4	1.8	1.3	0.8	0.2	0.1	0.3	0.1	1.1	0.5	0.9	6.4	16.0
31046	32872	1965	1970	0.1	1.2	1.4	1.8	1.5	1.1	0.2	0.1	0.4	0.2	2.0	0.7	1.4	20.9	33.0
32872	34698	1970	1975	0.1	1.2	1.4	1.8	1.6	1.3	0.2	0.1	0.4	0.3	2.5	0.8	1.6	24.3	37.7
34698	36524	1975	1980	0.1	1.3	1.4	1.8	1.7	1.4	0.2	0.1	0.4	0.3	2.6	0.8	1.7	25.8	39.7
36524	37255	1980	1982	0.1	1.3	1.4	1.8	1.7	1.4	0.2	0.1	0.4	0.3	2.6	0.8	1.7	26.2	40.3
37255	37985	1982	1984	0.1	1.3	1.5	1.8	1.7	1.5	0.2	0.1	0.4	0.4	2.7	0.8	1.7	26.5	40.8
37985	38351	1984	1985	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.8	1.7	26.6	40.9
38351	38716	1985	1986	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.8	1.7	26.7	41.1
38716	39446	1986	1988	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.9	1.8	27.1	41.7
39446	39812	1988	1989	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.9	1.8	27.3	41.9
39812	40177	1989	1990	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.8	0.9	1.8	27.6	42.3
40177	40542	1990	1991	0.1	1.4	1.5	1.8	2.0	2.6	0.2	0.1	0.5	1.0	4.1	0.9	1.9	28.0	46.1
40542	40907	1991	1992	0.1	1.5	1.5	1.8	2.1	2.9	0.2	0.1	0.5	1.1	4.4	1.0	1.9	28.6	47.7
40907	41273	1992	1993	0.1	1.5	1.5	1.8	2.1	3.0	0.2	0.1	0.5	1.1	4.5	1.0	2.0	29.1	48.6
41273	41638	1993	1994	0.1	1.5	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.6	1.0	2.0	29.5	49.2
41638	42003	1994	1995	0.1	1.6	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.6	1.0	2.0	29.8	49.7
42003	42368	1995	1996	0.1	1.6	1.5	1.8	2.2	3.1	0.2	0.1	0.5	1.1	4.7	1.0	2.0	30.0	50.1
42368	42734	1996	1997	0.1	1.6	1.5	1.8	2.2	3.1	0.2	0.1	0.5	1.1	4.7	1.1	2.1	30.3	50.4
42734	43099	1997	1998	0.1	1.6	1.5	1.8	2.2	3.1	0.2	0.1	0.5	1.1	4.7	1.1	2.1	30.5	50.7
43099	43464	1998	1999	0.1	1.6	1.5	1.8	2.2	3.1	0.2	0.1	0.5	1.2	4.7	1.1	2.1	30.7	51.0
43464	43829	1999	2000	0.1	1.6	1.5	1.9	2.2	3.1	0.2	0.1	0.5	1.2	4.7	1.1	2.1	30.9	51.3
43829	44195	2000	2001	0.1	1.6	1.5	1.9	2.2	3.1	0.2	0.1	0.5	1.2	4.8	1.1	2.1	31.0	51.5
44195	44560	2001	2002	0.1	1.6	1.5	1.9	2.3	3.1	0.2	0.1	0.5	1.2	4.8	1.1	2.1	31.2	51.7
44560	44925	2002	2003	0.1	1.6	1.5	1.9	2.3	3.1	0.2	0.1	0.5	1.2	4.8	1.1	2.1	31.3	52.0
44925	45290	2003	2004	0.1	1.6	1.5	1.9	2.3	3.1	0.2	0.1	0.5	1.2	4.8	1.1	2.2	31.5	52.2
45290	45656	2004	2005	0.1	1.6	1.5	1.9	2.3	3.2	0.2	0.1	0.5	1.2	4.8	1.1	2.2	31.6	52.4
45656	46021	2005	2006	0.1	1.6	1.5	1.9	2.3	3.2	0.2	0.1	0.5	1.2	4.8	1.1	2.2	31.7	52.5
46021	46386	2006	2007	0.1	1.7	1.5	1.9	2.3	3.2	0.2	0.1	0.5	1.2	4.8	1.1	2.2	31.9	52.7
46386	46751	2007	2008	0.1	1.7	1.5	1.9	2.3	3.2	0.2	0.1	0.5	1.2	4.8	1.1	2.2	32.0	52.9
46751	47117	2008	2009	0.1	1.7	1.5	1.9	2.3	3.2	0.2	0.1	0.5	1.2	4.9	1.1	2.2	32.1	53.0
47117	47482	2009	2010	0.1	1.7	1.5	1.9	2.3	3.2	0.2	0.1	0.5	1.2	4.9	1.1	2.2	32.2	53.1
47482	47847	2010	2011	0.1	1.7	1.5	1.9	2.3	3.2	0.2	0.1	0.6	1.2	4.9	1.1	2.2	32.3	53.3
47847	48212	2011	2012	0.1	1.7	1.5	1.9	2.3	3.2	0.2	0.1	0.6	1.2	4.9	1.1	2.2	32.3	53.4
48212	48578	2012	2013	0.1	1.7	1.5	1.9	2.3	3.2	0.2	0.1	0.6	1.2	4.9	1.1	2.2	32.4	53.5
48578	48943	2013	2014	0.1	1.7	1.5	1.9	2.3	3.2	0.2	0.2	0.6	1.2	4.9	1.1	2.2	32.5	53.6

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S3A model)

				Simarloo															
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Flux
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)														
48943	49308	2014	2015	5	62	56	68	85	118	8	6	20	44	180	42	142	1126	1962
49308	49673	2015	2016	5	62	56	68	85	118	8	6	20	44	180	42	143	1136	1973
49673	50039	2016	2017	5	62	56	68	85	118	8	6	21	44	181	42	144	1154	1993
50039	50404	2017	2018	5	62	56	68	86	119	8	6	21	44	182	42	145	1170	2014
50404	50769	2018	2019	5	62	56	69	86	119	8	6	21	44	183	42	146	1184	2032
50769	51134	2019	2020	5	63	56	69	86	120	8	6	21	45	185	43	148	1195	2047
51134	51500	2020	2021	5	63	56	69	87	120	8	6	21	45	186	43	149	1204	2061
51500	51865	2021	2022	5	63	56	69	87	121	8	6	21	45	186	43	150	1212	2072
51865	52230	2022	2023	5	63	57	69	87	121	8	6	21	45	187	43	150	1218	2081
52230	52595	2023	2024	5	64	57	69	87	122	8	6	21	45	188	44	151	1224	2089
52595	52961	2024	2025	5	64	57	69	88	122	8	6	21	46	188	44	152	1229	2097
52961	53326	2025	2026	5	64	57	69	88	122	8	6	21	46	189	44	152	1234	2104
53326	53691	2026	2027	5	64	57	69	88	122	8	6	21	46	189	44	153	1238	2110
53691	54056	2027	2028	5	64	57	69	88	123	8	6	21	46	190	44	153	1242	2115
54056	54422	2028	2029	5	64	57	69	88	123	8	6	21	46	190	44	153	1246	2121
54422	54787	2029	2030	5	64	57	69	88	123	8	6	21	46	190	44	154	1249	2125
54787	55152	2030	2031	5	65	57	69	88	123	8	6	21	46	191	44	154	1253	2130
55152	55517	2031	2032	5	65	57	69	89	123	8	6	21	46	191	44	155	1256	2134
55517	55883	2032	2033	5	65	57	69	89	124	8	6	21	46	191	44	155	1259	2138
55883	56248	2033	2034	5	65	57	69	89	124	8	6	21	46	191	44	155	1261	2142
56248	56613	2034	2035	5	65	57	69	89	124	8	6	21	46	192	45	155	1264	2146
56613	56978	2035	2036	5	65	57	69	89	124	8	6	21	46	192	45	156	1266	2149
56978	57344	2036	2037	5	65	57	69	89	124	8	6	21	46	192	45	156	1268	2152
57344	57709	2037	2038	5	65	57	69	89	124	8	6	21	46	192	45	156	1270	2155
57709	58074	2038	2039	5	65	57	69	89	124	8	6	22	46	192	45	156	1273	2158
58074	58439	2039	2040	5	66	57	69	89	125	8	6	22	47	193	45	157	1274	2161
58439	58805	2040	2041	5	66	57	69	89	125	8	6	22	47	193	45	157	1276	2164
58805	59170	2041	2042	5	66	57	69	90	125	8	6	22	47	193	45	157	1278	2166
59170	59535	2042	2043	5	66	57	69	90	125	8	6	22	47	193	45	157	1280	2169
59535	59900	2043	2044	5	66	57	69	90	125	8	6	22	47	193	45	157	1281	2171
59900	60266	2044	2045	5	66	57	69	90	125	8	6	22	47	193	45	158	1283	2173
60266	60631	2045	2046	5	66	57	69	90	125	8	6	22	47	193	45	158	1284	2175
60631	60996	2046	2047	5	66	57	69	90	125	8	6	22	47	194	45	158	1286	2177
60996	61361	2047	2048	5	66	57	69	90	125	8	6	22	47	194	45	158	1287	2179
61361	61727	2048	2049	5	66	57	69	90	125	8	6	22	47	194	45	158	1288	2181
61727	62092	2049	2050	5	66	57	69	90	125	8	6	22	47	194	45	158	1289	2182
62092	62457	2050	2051	6	66	57	69	90	125	8	6	22	47	194	45	158	1291	2184
62457	62822	2051	2052	6	66	57	69	90	125	8	6	22	47	194	45	159	1292	2186
62822	63188	2052	2053	6	66	57	69	90	126	8	6	22	47	194	45	159	1293	2187
63188	63553	2053	2054	6	66	57	69	90	126	8	6	22	47	194	45	159	1294	2189
63553	63918	2054	2055	6	66	57	69	90	126	8	6	22	47	194	45	159	1295	2190
63918	64283	2055	2056	6	66	57	69	90	126	8	6	22	47	195	45	159	1296	2191
64283	64649	2056	2057	6	66	57	69	90	126	8	6	22	47	195	45	159	1297	2193
64649	65014	2057	2058	6	66	57	69	90	126	8	6	22	47	195	46	159	1297	2194
65014	65379	2058	2059	6	66	57	69	90	126	8	6	22	47	195	46	159	1298	2195
65379	65744	2059	2060	6	66	57	69	90	126	8	6	22	47	195	46	159	1299	2196
65744	66110	2060	2061	6	66	57	69	90	126	8	6	22	47	195	46	160	1300	2198
66110	66475	2061	2062	6	67	57	69	90	126	8	6	22	47	195	46	160	1301	2199
66475	66840	2062	2063	6	67	57	69	90	126	8	6	22	47	195	46	160	1301	2200
66840	67205	2063	2064	6	67	57	69	90	126	8	6	22	47	195	46	160	1302	2201
67205	67571	2064	2065	6	67	57	69	90	126	8	6	22	47	195	46	160	1303	2202

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Salt Load
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)														
48943	49308	2014	2015	0.1	1.7	1.5	1.9	2.3	3.2	0.2	0.2	0.6	1.2	4.9	1.1	2.2	32.6	53.7
49308	49673	2015	2016	0.1	1.7	1.5	1.9	2.3	3.2	0.2	0.2	0.6	1.2	4.9	1.1	2.2	32.9	54.0
49673	50039	2016	2017	0.1	1.7	1.5	1.9	2.3	3.2	0.2	0.2	0.6	1.2	4.9	1.1	2.3	33.4	54.6
50039	50404	2017	2018	0.1	1.7	1.5	1.9	2.3	3.2	0.2	0.2	0.6	1.2	5.0	1.1	2.3	33.9	55.2
50404	50769	2018	2019	0.1	1.7	1.5	1.9	2.3	3.3	0.2	0.2	0.6	1.2	5.0	1.2	2.3	34.2	55.7
50769	51134	2019	2020	0.1	1.7	1.5	1.9	2.4	3.3	0.2	0.2	0.6	1.2	5.0	1.2	2.3	34.6	56.1
51134	51500	2020	2021	0.1	1.7	1.5	1.9	2.4	3.3	0.2	0.2	0.6	1.2	5.1	1.2	2.3	34.8	56.5
51500	51865	2021	2022	0.1	1.7	1.5	1.9	2.4	3.3	0.2	0.2	0.6	1.2	5.1	1.2	2.3	35.0	56.8
51865	52230	2022	2023	0.1	1.7	1.5	1.9	2.4	3.3	0.2	0.2	0.6	1.2	5.1	1.2	2.4	35.2	57.0
52230	52595	2023	2024	0.1	1.7	1.5	1.9	2.4	3.3	0.2	0.2	0.6	1.2	5.1	1.2	2.4	35.4	57.3
52595	52961	2024	2025	0.1	1.7	1.5	1.9	2.4	3.3	0.2	0.2	0.6	1.2	5.1	1.2	2.4	35.6	57.5
52961	53326	2025	2026	0.1	1.7	1.5	1.9	2.4	3.3	0.2	0.2	0.6	1.2	5.1	1.2	2.4	35.7	57.7
53326	53691	2026	2027	0.1	1.7	1.5	1.9	2.4	3.3	0.2	0.2	0.6	1.2	5.2	1.2	2.4	35.8	57.8
53691	54056	2027	2028	0.1	1.8	1.5	1.9	2.4	3.3	0.2	0.2	0.6	1.2	5.2	1.2	2.4	35.9	58.0
54056	54422	2028	2029	0.1	1.8	1.5	1.9	2.4	3.4	0.2	0.2	0.6	1.3	5.2	1.2	2.4	36.0	58.1
54422	54787	2029	2030	0.1	1.8	1.5	1.9	2.4	3.4	0.2	0.2	0.6	1.3	5.2	1.2	2.4	36.1	58.3
54787	55152	2030	2031	0.1	1.8	1.6	1.9	2.4	3.4	0.2	0.2	0.6	1.3	5.2	1.2	2.4	36.2	58.4
55152	55517	2031	2032	0.1	1.8	1.6	1.9	2.4	3.4	0.2	0.2	0.6	1.3	5.2	1.2	2.4	36.3	58.5
55517	55883	2032	2033	0.1	1.8	1.6	1.9	2.4	3.4	0.2	0.2	0.6	1.3	5.2	1.2	2.4	36.4	58.6
55883	56248	2033	2034	0.1	1.8	1.6	1.9	2.4	3.4	0.2	0.2	0.6	1.3	5.2	1.2	2.4	36.5	58.7
56248	56613	2034	2035	0.1	1.8	1.6	1.9	2.4	3.4	0.2	0.2	0.6	1.3	5.2	1.2	2.4	36.6	58.8
56613	56978	2035	2036	0.1	1.8	1.6	1.9	2.4	3.4	0.2	0.2	0.6	1.3	5.2	1.2	2.4	36.6	58.9
56978	57344	2036	2037	0.1	1.8	1.6	1.9	2.4	3.4	0.2	0.2	0.6	1.3	5.2	1.2	2.4	36.7	59.0
57344	57709	2037	2038	0.1	1.8	1.6	1.9	2.4	3.4	0.2	0.2	0.6	1.3	5.2	1.2	2.5	36.7	59.1
57709	58074	2038	2039	0.1	1.8	1.6	1.9	2.4	3.4	0.2	0.2	0.6	1.3	5.2	1.2	2.5	36.8	59.2
58074	58439	2039	2040	0.1	1.8	1.6	1.9	2.4	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	36.9	59.2
58439	58805	2040	2041	0.1	1.8	1.6	1.9	2.4	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	36.9	59.3
58805	59170	2041	2042	0.1	1.8	1.6	1.9	2.4	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.0	59.4
59170	59535	2042	2043	0.1	1.8	1.6	1.9	2.4	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.0	59.4
59535	59900	2043	2044	0.1	1.8	1.6	1.9	2.4	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.1	59.5
59900	60266	2044	2045	0.1	1.8	1.6	1.9	2.4	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.1	59.6
60266	60631	2045	2046	0.1	1.8	1.6	1.9	2.4	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.1	59.6
60631	60996	2046	2047	0.1	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.2	59.7
60996	61361	2047	2048	0.1	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.2	59.7
61361	61727	2048	2049	0.1	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.3	59.8
61727	62092	2049	2050	0.1	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.3	59.8
62092	62457	2050	2051	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.3	59.9
62457	62822	2051	2052	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.4	59.9
62822	63188	2052	2053	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.4	60.0
63188	63553	2053	2054	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.4	60.0
63553	63918	2054	2055	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.5	60.0
63918	64283	2055	2056	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.5	60.1
64283	64649	2056	2057	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.5	60.1
64649	65014	2057	2058	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.5	60.1
65014	65379	2058	2059	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.6	60.2
65379	65744	2059	2060	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.6	60.2
65744	66110	2060	2061	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.6	60.2
66110	66475	2061	2062	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.6	60.3
66475	66840	2062	2063	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.6	60.3
66840	67205	2063	2064	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.7	60.3
67205	67571	2064	2065	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.7	60.4

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S3A model)

				Simarloo															
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Flux
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)														
67571	67936	2065	2066	6	67	57	69	91	126	8	6	22	47	195	46	160	1303	2203
67936	68301	2066	2067	6	67	57	69	91	126	8	6	22	47	195	46	160	1304	2204
68301	68666	2067	2068	6	67	57	69	91	126	8	6	22	47	195	46	160	1305	2205
68666	69032	2068	2069	6	67	57	69	91	126	8	6	22	47	195	46	160	1305	2205
69032	69397	2069	2070	6	67	57	69	91	126	8	6	22	47	195	46	160	1306	2206
69397	69762	2070	2071	6	67	57	69	91	126	8	6	22	47	196	46	160	1306	2207
69762	70127	2071	2072	6	67	57	69	91	126	8	6	22	47	196	46	160	1307	2208
70127	70493	2072	2073	6	67	57	69	91	126	8	6	22	47	196	46	160	1308	2209
70493	70858	2073	2074	6	67	57	69	91	126	8	6	22	47	196	46	161	1308	2209
70858	71223	2074	2075	6	67	57	69	91	126	8	6	22	47	196	46	161	1309	2210
71223	71588	2075	2076	6	67	57	69	91	126	8	6	22	47	196	46	161	1309	2211
71588	71954	2076	2077	6	67	57	69	91	126	8	6	22	47	196	46	161	1310	2211
71954	72319	2077	2078	6	67	57	69	91	126	8	6	22	47	196	46	161	1310	2212
72319	72684	2078	2079	6	67	57	69	91	126	8	6	22	47	196	46	161	1310	2213
72684	73049	2079	2080	6	67	57	69	91	127	8	6	22	47	196	46	161	1311	2213
73049	73415	2080	2081	6	67	57	69	91	127	8	6	22	47	196	46	161	1311	2214
73415	73780	2081	2082	6	67	57	69	91	127	8	6	22	47	196	46	161	1312	2214
73780	74145	2082	2083	6	67	57	69	91	127	8	6	22	47	196	46	161	1312	2215
74145	74510	2083	2084	6	67	57	69	91	127	8	6	22	47	196	46	161	1312	2216
74510	74876	2084	2085	6	67	57	69	91	127	8	6	22	47	196	46	161	1313	2216
74876	75241	2085	2086	6	67	57	69	91	127	8	6	22	47	196	46	161	1313	2217
75241	75606	2086	2087	6	67	57	69	91	127	8	6	22	47	196	46	161	1314	2217
75606	75971	2087	2088	6	67	57	69	91	127	8	6	22	47	196	46	161	1314	2218
75971	76337	2088	2089	6	67	57	69	91	127	8	6	22	47	196	46	161	1314	2218
76337	76702	2089	2090	6	67	57	69	91	127	8	6	22	47	196	46	161	1315	2219
76702	77067	2090	2091	6	67	57	69	91	127	8	6	22	47	196	46	161	1315	2219
77067	77432	2091	2092	6	67	57	69	91	127	8	6	22	47	196	46	161	1315	2219
77432	77798	2092	2093	6	67	57	69	91	127	8	6	22	47	196	46	161	1316	2220
77798	78163	2093	2094	6	67	57	69	91	127	8	6	22	47	196	46	161	1316	2220
78163	78528	2094	2095	6	67	57	69	91	127	8	6	22	47	196	46	161	1316	2221
78528	78893	2095	2096	6	67	57	69	91	127	8	6	22	47	196	46	162	1316	2221
78893	79259	2096	2097	6	67	57	69	91	127	8	6	22	47	196	46	162	1317	2222
79259	79624	2097	2098	6	67	57	69	91	127	8	6	22	47	197	46	162	1317	2222
79624	79989	2098	2099	6	67	57	69	91	127	8	6	22	47	197	46	162	1317	2222
79989	80354	2099	2100	6	67	57	69	91	127	8	6	22	47	197	46	162	1317	2223
80354	80719	2100	2101	6	67	57	69	91	127	8	6	22	47	197	46	162	1318	2223
80719	81084	2101	2102	6	67	57	69	91	127	8	6	22	47	197	46	162	1318	2223
81084	81449	2102	2103	6	67	57	69	91	127	8	6	22	47	197	46	162	1318	2224
81449	81814	2103	2104	6	67	57	69	91	127	8	6	22	47	197	46	162	1318	2224
81814	82180	2104	2105	6	67	57	69	91	127	8	6	22	47	197	46	162	1319	2224
82180	82545	2105	2106	6	67	57	69	91	127	8	6	22	47	197	46	162	1319	2225
82545	82910	2106	2107	6	67	57	69	91	127	8	6	22	47	197	46	162	1319	2225
82910	83275	2107	2108	6	67	57	69	91	127	8	6	22	47	197	46	162	1319	2225
83275	83641	2108	2109	6	67	57	69	91	127	8	6	22	47	197	46	162	1319	2226
83641	84006	2109	2110	6	67	57	69	91	127	8	6	22	47	197	46	162	1320	2226
84006	84371	2110	2111	6	67	57	69	91	127	8	6	22	47	197	46	162	1320	2226
84371	84736	2111	2112	6	67	57	69	91	127	8	6	22	47	197	46	162	1320	2227
84736	85102	2112	2113	6	67	57	69	91	127	8	6	22	47	197	46	162	1320	2227
85102	85467	2113	2114	6	67	57	69	91	127	8	6	22	47	197	46	162	1320	2227

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Salt Load
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)														
67571	67936	2065	2066	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.7	60.4
67936	68301	2066	2067	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.7	60.4
68301	68666	2067	2068	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.7	60.4
68666	69032	2068	2069	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.8	60.5
69032	69397	2069	2070	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.8	60.5
69397	69762	2070	2071	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.8	60.5
69762	70127	2071	2072	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.8	60.5
70127	70493	2072	2073	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.2	2.5	37.8	60.5
70493	70858	2073	2074	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.3	2.5	37.8	60.6
70858	71223	2074	2075	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.3	2.5	37.9	60.6
71223	71588	2075	2076	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.3	2.5	37.9	60.6
71588	71954	2076	2077	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.3	2.5	37.9	60.6
71954	72319	2077	2078	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.3	2.5	37.9	60.6
72319	72684	2078	2079	0.2	1.8	1.6	1.9	2.5	3.4	0.2	0.2	0.6	1.3	5.3	1.3	2.5	37.9	60.7
72684	73049	2079	2080	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.3	1.3	2.5	37.9	60.7
73049	73415	2080	2081	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.3	1.3	2.5	37.9	60.7
73415	73780	2081	2082	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.3	1.3	2.5	37.9	60.7
73780	74145	2082	2083	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.3	1.3	2.5	38.0	60.7
74145	74510	2083	2084	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.3	1.3	2.5	38.0	60.7
74510	74876	2084	2085	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.3	1.3	2.5	38.0	60.8
74876	75241	2085	2086	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.0	60.8
75241	75606	2086	2087	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.0	60.8
75606	75971	2087	2088	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.0	60.8
75971	76337	2088	2089	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.0	60.8
76337	76702	2089	2090	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.0	60.8
76702	77067	2090	2091	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.0	60.8
77067	77432	2091	2092	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.0	60.8
77432	77798	2092	2093	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.1	60.9
77798	78163	2093	2094	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.1	60.9
78163	78528	2094	2095	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.1	60.9
78528	78893	2095	2096	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.1	60.9
78893	79259	2096	2097	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.1	60.9
79259	79624	2097	2098	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.1	60.9
79624	79989	2098	2099	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.1	60.9
79989	80354	2099	2100	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.1	60.9
80354	80719	2100	2101	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.1	60.9
80719	81084	2101	2102	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.1	61.0
81084	81449	2102	2103	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.1	61.0
81449	81814	2103	2104	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.1	61.0
81814	82180	2104	2105	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.1	61.0
82180	82545	2105	2106	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.1	61.0
82545	82910	2106	2107	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.2	61.0
82910	83275	2107	2108	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.2	61.0
83275	83641	2108	2109	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.2	61.0
83641	84006	2109	2110	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.2	61.0
84006	84371	2110	2111	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.2	61.0
84371	84736	2111	2112	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.2	61.0
84736	85102	2112	2113	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.2	61.0
85102	85467	2113	2114	0.2	1.8	1.6	1.9	2.5	3.5	0.2	0.2	0.6	1.3	5.4	1.3	2.5	38.2	61.0

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S3A model)

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Flux
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)								
0	1	1880	1880	0	827	78	4	128	218	38	237	1530
1	1827	1880	1885	0	827	78	4	128	218	38	237	1530
1827	3653	1885	1890	0	827	78	4	128	218	38	237	1530
3653	5479	1890	1895	0	827	78	4	128	218	38	237	1530
5479	7305	1895	1900	0	827	78	4	128	218	38	237	1530
7305	9131	1900	1905	0	827	78	4	128	218	38	237	1530
9131	10957	1905	1910	0	827	78	4	128	218	38	237	1530
10957	12783	1910	1915	0	827	78	4	128	218	38	237	1530
12783	14609	1915	1920	0	827	78	4	128	218	38	237	1530
14609	16436	1920	1925	0	827	78	4	128	218	38	237	1530
16436	18262	1925	1930	0	827	78	4	128	218	38	237	1530
18262	20088	1930	1935	0	827	78	4	128	218	38	237	1530
20088	21914	1935	1940	0	827	78	4	128	218	38	237	1530
21914	23741	1940	1945	0	827	78	4	128	218	38	237	1530
23741	25567	1945	1950	0	827	78	4	128	218	38	237	1530
25567	27393	1950	1955	0	827	78	4	128	218	38	237	1530
27393	29219	1955	1960	0	827	78	4	128	218	48	278	1581
29219	31046	1960	1965	0	827	78	4	128	219	57	326	1640
31046	32872	1965	1970	0	827	78	4	128	220	63	349	1670
32872	34698	1970	1975	0	827	78	4	129	221	67	369	1696
34698	36524	1975	1980	0	827	78	5	130	223	104	609	1977
36524	37255	1980	1982	0	827	78	5	130	224	157	659	2080
37255	37985	1982	1984	0	827	79	5	131	226	178	694	2139
37985	38351	1984	1985	0	827	79	5	131	226	185	707	2160
38351	38716	1985	1986	0	827	79	5	131	227	190	718	2177
38716	39446	1986	1988	0	827	79	5	132	228	198	736	2204
39446	39812	1988	1989	0	827	79	5	132	228	201	743	2215
39812	40177	1989	1990	0	827	79	5	132	228	204	750	2225
40177	40542	1990	1991	0	827	79	5	132	229	206	756	2234
40542	40907	1991	1992	0	827	79	5	132	229	208	762	2242
40907	41273	1992	1993	0	827	79	5	132	229	210	768	2250
41273	41638	1993	1994	0	827	79	5	132	229	211	773	2257
41638	42003	1994	1995	0	827	79	5	133	230	213	778	2264
42003	42368	1995	1996	0	827	79	5	133	230	215	783	2271
42368	42734	1996	1997	0	828	79	5	133	231	218	788	2281
42734	43099	1997	1998	0	828	79	5	133	231	223	792	2291
43099	43464	1998	1999	0	828	79	5	134	232	227	797	2302
43464	43829	1999	2000	0	828	79	5	134	232	231	802	2312
43829	44195	2000	2001	0	828	79	6	134	233	238	810	2328
44195	44560	2001	2002	0	828	79	6	135	234	247	817	2345
44560	44925	2002	2003	0	828	79	6	135	234	256	824	2361
44925	45290	2003	2004	0	828	79	6	136	235	262	830	2375
45290	45656	2004	2005	0	828	79	6	136	236	268	835	2388
45656	46021	2005	2006	0	828	79	6	136	236	273	840	2398
46021	46386	2006	2007	0	828	79	6	136	237	277	845	2407
46386	46751	2007	2008	0	828	79	6	137	237	280	849	2415
46751	47117	2008	2009	0	828	79	6	137	237	283	853	2422
47117	47482	2009	2010	0	828	79	6	137	238	285	856	2429
47482	47847	2010	2011	0	828	79	6	137	238	288	859	2435
47847	48212	2011	2012	0	828	79	6	137	238	290	862	2440
48212	48578	2012	2013	0	828	79	6	137	238	292	865	2445
48578	48943	2013	2014	0	828	79	6	137	238	293	868	2450

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Salt Load
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)								
0	1	1880	1880	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
1	1827	1880	1885	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
1827	3653	1885	1890	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
3653	5479	1890	1895	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
5479	7305	1895	1900	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
7305	9131	1900	1905	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
9131	10957	1905	1910	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
10957	12783	1910	1915	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
12783	14609	1915	1920	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
14609	16436	1920	1925	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
16436	18262	1925	1930	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
18262	20088	1930	1935	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
20088	21914	1935	1940	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
21914	23741	1940	1945	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
23741	25567	1945	1950	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
25567	27393	1950	1955	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
27393	29219	1955	1960	0.0	0.8	0.1	0.0	0.1	5.3	1.5	11.7	19.4
29219	31046	1960	1965	0.0	0.8	0.1	0.0	0.1	5.3	1.8	13.7	21.8
31046	32872	1965	1970	0.0	0.8	0.1	0.0	0.1	5.3	2.0	14.6	22.9
32872	34698	1970	1975	0.0	0.8	0.1	0.0	0.1	5.3	2.2	15.5	24.0
34698	36524	1975	1980	0.0	0.8	0.1	0.0	0.1	5.4	3.4	25.6	35.3
36524	37255	1980	1982	0.0	0.8	0.1	0.0	0.1	5.4	5.0	27.7	39.1
37255	37985	1982	1984	0.0	0.8	0.1	0.0	0.1	5.5	5.7	29.1	41.3
37985	38351	1984	1985	0.0	0.8	0.1	0.0	0.1	5.5	6.0	29.7	42.1
38351	38716	1985	1986	0.0	0.8	0.1	0.0	0.1	5.5	6.1	30.2	42.7
38716	39446	1986	1988	0.0	0.8	0.1	0.0	0.1	5.5	6.4	30.9	43.7
39446	39812	1988	1989	0.0	0.8	0.1	0.0	0.1	5.5	6.5	31.2	44.1
39812	40177	1989	1990	0.0	0.8	0.1	0.0	0.1	5.5	6.6	31.5	44.5
40177	40542	1990	1991	0.0	0.8	0.1	0.0	0.1	5.5	6.6	31.8	44.9
40542	40907	1991	1992	0.0	0.8	0.1	0.0	0.1	5.5	6.7	32.0	45.2
40907	41273	1992	1993	0.0	0.8	0.1	0.0	0.1	5.5	6.8	32.2	45.5
41273	41638	1993	1994	0.0	0.8	0.1	0.0	0.1	5.5	6.8	32.5	45.8
41638	42003	1994	1995	0.0	0.8	0.1	0.0	0.1	5.6	6.9	32.7	46.0
42003	42368	1995	1996	0.0	0.8	0.1	0.0	0.1	5.6	6.9	32.9	46.3
42368	42734	1996	1997	0.0	0.8	0.1	0.0	0.1	5.6	7.0	33.1	46.6
42734	43099	1997	1998	0.0	0.8	0.1	0.0	0.1	5.6	7.2	33.3	47.0
43099	43464	1998	1999	0.0	0.8	0.1	0.0	0.1	5.6	7.3	33.5	47.4
43464	43829	1999	2000	0.0	0.8	0.1	0.0	0.1	5.6	7.4	33.7	47.7
43829	44195	2000	2001	0.0	0.8	0.1	0.0	0.1	5.6	7.7	34.0	48.3
44195	44560	2001	2002	0.0	0.8	0.1	0.0	0.1	5.6	8.0	34.3	48.9
44560	44925	2002	2003	0.0	0.8	0.1	0.0	0.1	5.7	8.2	34.6	49.4
44925	45290	2003	2004	0.0	0.8	0.1	0.0	0.1	5.7	8.4	34.8	49.9
45290	45656	2004	2005	0.0	0.8	0.1	0.0	0.1	5.7	8.6	35.1	50.4
45656	46021	2005	2006	0.0	0.8	0.1	0.0	0.1	5.7	8.8	35.3	50.7
46021	46386	2006	2007	0.0	0.8	0.1	0.0	0.1	5.7	8.9	35.5	51.1
46386	46751	2007	2008	0.0	0.8	0.1	0.0	0.1	5.7	9.0	35.6	51.3
46751	47117	2008	2009	0.0	0.8	0.1	0.0	0.1	5.7	9.1	35.8	51.6
47117	47482	2009	2010	0.0	0.8	0.1	0.0	0.1	5.7	9.2	36.0	51.8
47482	47847	2010	2011	0.0	0.8	0.1	0.0	0.1	5.7	9.3	36.1	52.1
47847	48212	2011	2012	0.0	0.8	0.1	0.0	0.1	5.8	9.3	36.2	52.3
48212	48578	2012	2013	0.0	0.8	0.1	0.0	0.1	5.8	9.4	36.3	52.4
48578	48943	2013	2014	0.0	0.8	0.1	0.0	0.1	5.8	9.4	36.4	52.6

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S3A model)

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Flux
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)								
48943	49308	2014	2015	0	828	79	6	137	238	295	870	2454
49308	49673	2015	2016	0	828	79	6	137	239	296	883	2468
49673	50039	2016	2017	0	829	79	6	137	239	298	896	2483
50039	50404	2017	2018	0	829	79	6	137	239	300	907	2496
50404	50769	2018	2019	0	829	79	6	138	239	301	915	2507
50769	51134	2019	2020	0	829	79	6	138	239	303	923	2517
51134	51500	2020	2021	0	829	79	6	138	240	305	929	2526
51500	51865	2021	2022	0	829	79	6	138	240	307	937	2535
51865	52230	2022	2023	0	829	79	6	138	240	309	945	2545
52230	52595	2023	2024	0	829	79	6	138	240	310	952	2555
52595	52961	2024	2025	0	829	79	6	138	240	312	958	2563
52961	53326	2025	2026	0	829	79	6	138	240	314	965	2572
53326	53691	2026	2027	0	829	79	6	138	241	316	973	2582
53691	54056	2027	2028	0	829	79	6	139	241	318	980	2592
54056	54422	2028	2029	0	829	79	6	139	241	320	987	2601
54422	54787	2029	2030	0	829	79	6	139	241	322	993	2609
54787	55152	2030	2031	0	829	79	6	139	241	324	998	2617
55152	55517	2031	2032	0	829	79	6	139	241	326	1003	2623
55517	55883	2032	2033	0	829	79	6	139	242	327	1008	2630
55883	56248	2033	2034	0	829	79	6	139	242	329	1011	2635
56248	56613	2034	2035	0	829	79	6	139	242	330	1015	2640
56613	56978	2035	2036	0	829	79	6	139	242	332	1018	2645
56978	57344	2036	2037	0	829	79	6	139	242	333	1021	2649
57344	57709	2037	2038	0	829	79	6	139	242	334	1023	2653
57709	58074	2038	2039	0	829	79	6	139	242	336	1026	2657
58074	58439	2039	2040	0	829	79	6	139	242	337	1028	2661
58439	58805	2040	2041	0	829	79	6	139	242	338	1030	2664
58805	59170	2041	2042	0	829	79	6	139	243	339	1032	2667
59170	59535	2042	2043	0	829	79	6	140	243	340	1034	2670
59535	59900	2043	2044	0	829	79	6	140	243	341	1035	2673
59900	60266	2044	2045	0	829	79	7	140	243	342	1037	2676
60266	60631	2045	2046	0	829	79	7	140	243	343	1038	2678
60631	60996	2046	2047	0	829	79	7	140	243	343	1040	2680
60996	61361	2047	2048	0	829	79	7	140	243	344	1041	2683
61361	61727	2048	2049	0	829	79	7	140	243	345	1043	2685
61727	62092	2049	2050	0	829	79	7	140	243	346	1044	2687
62092	62457	2050	2051	0	829	79	7	140	243	346	1045	2689
62457	62822	2051	2052	0	829	79	7	140	243	347	1046	2691
62822	63188	2052	2053	0	829	79	7	140	243	348	1047	2693
63188	63553	2053	2054	0	829	79	7	140	243	349	1048	2695
63553	63918	2054	2055	0	829	79	7	140	243	349	1049	2696
63918	64283	2055	2056	0	829	79	7	140	243	350	1050	2698
64283	64649	2056	2057	0	829	79	7	140	243	350	1051	2700
64649	65014	2057	2058	0	829	79	7	140	243	351	1052	2701
65014	65379	2058	2059	0	829	79	7	140	244	352	1053	2703
65379	65744	2059	2060	0	829	79	7	140	244	352	1054	2704
65744	66110	2060	2061	0	829	79	7	140	244	353	1055	2706
66110	66475	2061	2062	0	829	79	7	140	244	353	1055	2707
66475	66840	2062	2063	0	829	79	7	140	244	354	1056	2709
66840	67205	2063	2064	0	829	79	7	140	244	354	1057	2710
67205	67571	2064	2065	0	829	79	7	140	244	355	1058	2711

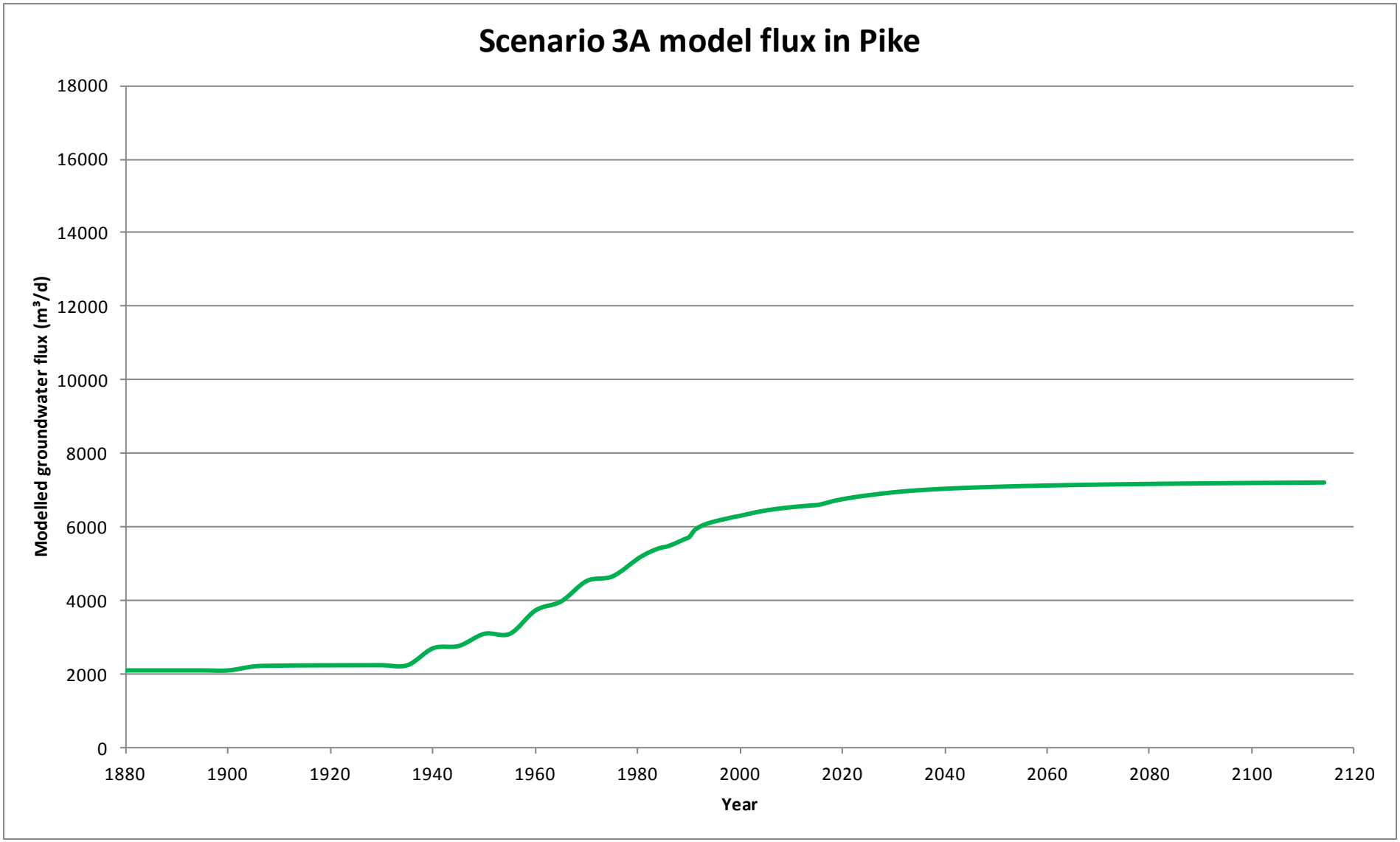
				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Salt Load
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)								
48943	49308	2014	2015	0.0	0.8	0.1	0.0	0.1	5.8	9.5	36.5	52.8
49308	49673	2015	2016	0.0	0.8	0.1	0.0	0.1	5.8	9.5	37.1	53.3
49673	50039	2016	2017	0.0	0.8	0.1	0.0	0.1	5.8	9.6	37.6	53.9
50039	50404	2017	2018	0.0	0.8	0.1	0.0	0.1	5.8	9.6	38.1	54.5
50404	50769	2018	2019	0.0	0.8	0.1	0.0	0.1	5.8	9.7	38.4	54.9
50769	51134	2019	2020	0.0	0.8	0.1	0.0	0.1	5.8	9.8	38.8	55.3
51134	51500	2020	2021	0.0	0.8	0.1	0.0	0.1	5.8	9.8	39.0	55.6
51500	51865	2021	2022	0.0	0.8	0.1	0.0	0.1	5.8	9.9	39.4	56.0
51865	52230	2022	2023	0.0	0.8	0.1	0.0	0.1	5.8	9.9	39.7	56.4
52230	52595	2023	2024	0.0	0.8	0.1	0.0	0.1	5.8	10.0	40.0	56.7
52595	52961	2024	2025	0.0	0.8	0.1	0.0	0.1	5.8	10.1	40.3	57.1
52961	53326	2025	2026	0.0	0.8	0.1	0.0	0.1	5.8	10.1	40.5	57.4
53326	53691	2026	2027	0.0	0.8	0.1	0.0	0.1	5.8	10.2	40.9	57.8
53691	54056	2027	2028	0.0	0.8	0.1	0.0	0.1	5.8	10.2	41.2	58.2
54056	54422	2028	2029	0.0	0.8	0.1	0.0	0.1	5.8	10.3	41.5	58.5
54422	54787	2029	2030	0.0	0.8	0.1	0.0	0.1	5.8	10.4	41.7	58.9
54787	55152	2030	2031	0.0	0.8	0.1	0.0	0.1	5.8	10.4	41.9	59.2
55152	55517	2031	2032	0.0	0.8	0.1	0.0	0.1	5.8	10.5	42.1	59.4
55517	55883	2032	2033	0.0	0.8	0.1	0.0	0.1	5.8	10.5	42.3	59.7
55883	56248	2033	2034	0.0	0.8	0.1	0.0	0.1	5.8	10.6	42.5	59.9
56248	56613	2034	2035	0.0	0.8	0.1	0.0	0.1	5.8	10.6	42.6	60.1
56613	56978	2035	2036	0.0	0.8	0.1	0.0	0.1	5.8	10.7	42.7	60.2
56978	57344	2036	2037	0.0	0.8	0.1	0.0	0.1	5.9	10.7	42.9	60.4
57344	57709	2037	2038	0.0	0.8	0.1	0.0	0.1	5.9	10.8	43.0	60.6
57709	58074	2038	2039	0.0	0.8	0.1	0.0	0.1	5.9	10.8	43.1	60.7
58074	58439	2039	2040	0.0	0.8	0.1	0.0	0.1	5.9	10.8	43.2	60.8
58439	58805	2040	2041	0.0	0.8	0.1	0.0	0.1	5.9	10.9	43.3	60.9
58805	59170	2041	2042	0.0	0.8	0.1	0.0	0.1	5.9	10.9	43.3	61.1
59170	59535	2042	2043	0.0	0.8	0.1	0.0	0.1	5.9	10.9	43.4	61.2
59535	59900	2043	2044	0.0	0.8	0.1	0.0	0.1	5.9	11.0	43.5	61.3
59900	60266	2044	2045	0.0	0.8	0.1	0.0	0.1	5.9	11.0	43.5	61.4
60266	60631	2045	2046	0.0	0.8	0.1	0.0	0.1	5.9	11.0	43.6	61.5
60631	60996	2046	2047	0.0	0.8	0.1	0.0	0.1	5.9	11.1	43.7	61.6
60996	61361	2047	2048	0.0	0.8	0.1	0.0	0.1	5.9	11.1	43.7	61.6
61361	61727	2048	2049	0.0	0.8	0.1	0.0	0.1	5.9	11.1	43.8	61.7
61727	62092	2049	2050	0.0	0.8	0.1	0.0	0.1	5.9	11.1	43.8	61.8
62092	62457	2050	2051	0.0	0.8	0.1	0.0	0.1	5.9	11.2	43.9	61.9
62457	62822	2051	2052	0.0	0.8	0.1	0.0	0.1	5.9	11.2	43.9	62.0
62822	63188	2052	2053	0.0	0.8	0.1	0.0	0.1	5.9	11.2	44.0	62.0
63188	63553	2053	2054	0.0	0.8	0.1	0.0	0.1	5.9	11.2	44.0	62.1
63553	63918	2054	2055	0.0	0.8	0.1	0.0	0.1	5.9	11.2	44.1	62.2
63918	64283	2055	2056	0.0	0.8	0.1	0.0	0.1	5.9	11.3	44.1	62.2
64283	64649	2056	2057	0.0	0.8	0.1	0.0	0.1	5.9	11.3	44.1	62.3
64649	65014	2057	2058	0.0	0.8	0.1	0.0	0.1	5.9	11.3	44.2	62.3
65014	65379	2058	2059	0.0	0.8	0.1	0.0	0.1	5.9	11.3	44.2	62.4
65379	65744	2059	2060	0.0	0.8	0.1	0.0	0.1	5.9	11.3	44.3	62.4
65744	66110	2060	2061	0.0	0.8	0.1	0.0	0.1	5.9	11.4	44.3	62.5
66110	66475	2061	2062	0.0	0.8	0.1	0.0	0.1	5.9	11.4	44.3	62.6
66475	66840	2062	2063	0.0	0.8	0.1	0.0	0.1	5.9	11.4	44.4	62.6
66840	67205	2063	2064	0.0	0.8	0.1	0.0	0.1	5.9	11.4	44.4	62.7
67205	67571	2064	2065	0.0	0.8	0.1	0.0	0.1	5.9	11.4	44.4	62.7

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S3A model)

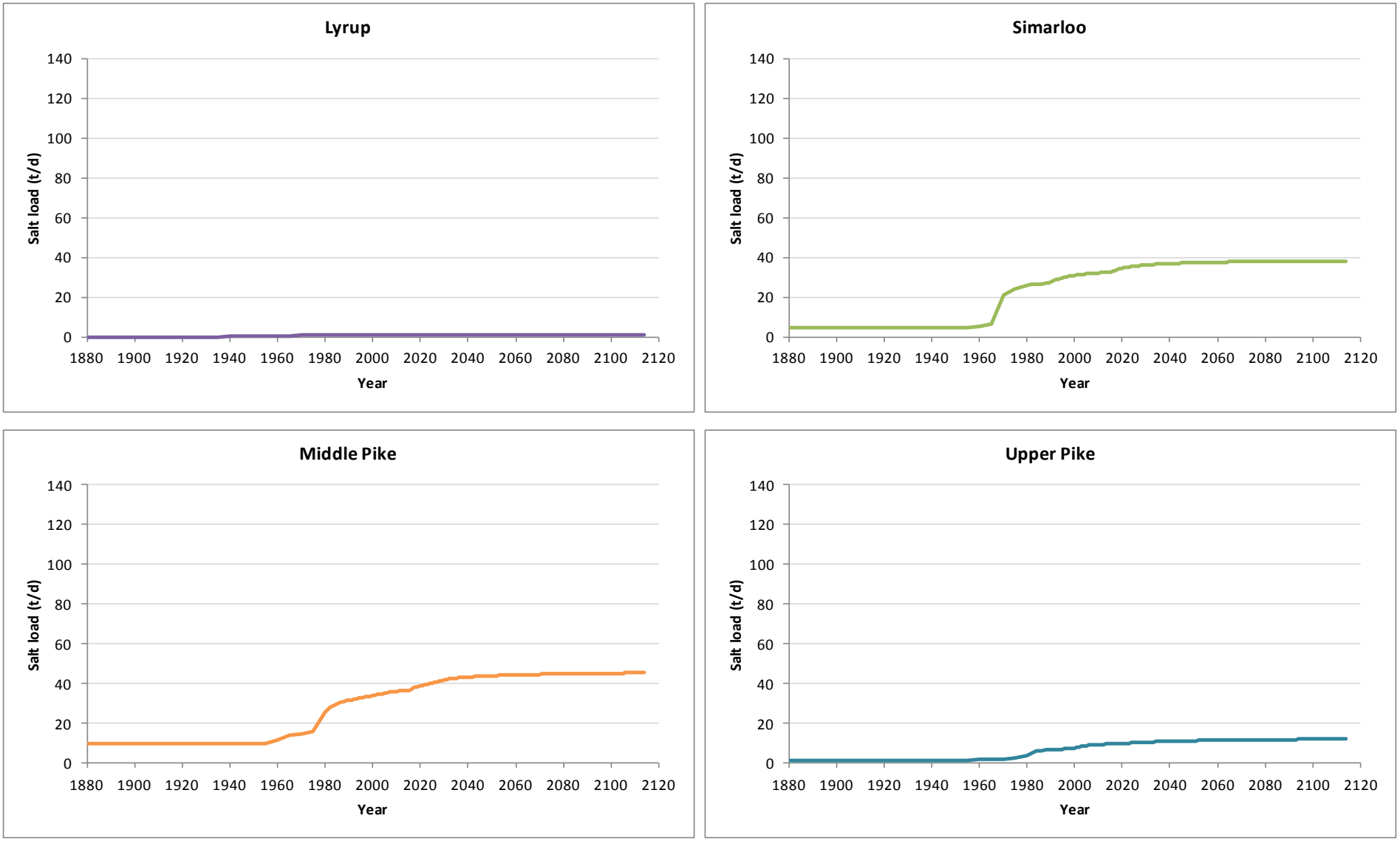
				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Flux
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)								
67571	67936	2065	2066	0	829	79	7	140	244	355	1058	2713
67936	68301	2066	2067	0	829	79	7	140	244	356	1059	2714
68301	68666	2067	2068	0	829	79	7	140	244	356	1060	2715
68666	69032	2068	2069	0	829	79	7	140	244	357	1060	2716
69032	69397	2069	2070	0	829	79	7	140	244	357	1061	2717
69397	69762	2070	2071	0	829	79	7	140	244	358	1062	2718
69762	70127	2071	2072	0	829	79	7	140	244	358	1062	2719
70127	70493	2072	2073	0	829	79	7	140	244	358	1063	2720
70493	70858	2073	2074	0	829	79	7	140	244	359	1063	2721
70858	71223	2074	2075	0	829	79	7	140	244	359	1064	2722
71223	71588	2075	2076	0	829	79	7	140	244	360	1064	2723
71588	71954	2076	2077	0	829	79	7	140	244	360	1065	2724
71954	72319	2077	2078	0	829	79	7	140	244	360	1065	2725
72319	72684	2078	2079	0	829	79	7	140	244	361	1066	2726
72684	73049	2079	2080	0	829	79	7	140	244	361	1066	2727
73049	73415	2080	2081	0	829	79	7	140	244	362	1067	2728
73415	73780	2081	2082	0	829	79	7	140	244	362	1067	2729
73780	74145	2082	2083	0	829	79	7	140	244	362	1068	2730
74145	74510	2083	2084	0	829	79	7	140	244	363	1068	2730
74510	74876	2084	2085	0	829	79	7	140	244	363	1069	2731
74876	75241	2085	2086	0	829	79	7	140	244	363	1069	2732
75241	75606	2086	2087	0	829	79	7	140	244	363	1069	2733
75606	75971	2087	2088	0	829	79	7	140	244	364	1070	2733
75971	76337	2088	2089	0	829	79	7	140	244	364	1070	2734
76337	76702	2089	2090	0	829	79	7	140	244	364	1071	2735
76702	77067	2090	2091	0	829	79	7	140	244	365	1071	2736
77067	77432	2091	2092	0	829	79	7	141	244	365	1071	2736
77432	77798	2092	2093	0	829	79	7	141	244	365	1072	2737
77798	78163	2093	2094	0	829	79	7	141	244	366	1072	2738
78163	78528	2094	2095	0	829	79	7	141	245	366	1072	2738
78528	78893	2095	2096	0	829	79	7	141	245	366	1073	2739
78893	79259	2096	2097	0	829	79	7	141	245	366	1073	2740
79259	79624	2097	2098	0	829	79	7	141	245	367	1073	2740
79624	79989	2098	2099	0	829	79	7	141	245	367	1074	2741
79989	80354	2099	2100	0	829	79	7	141	245	367	1074	2741
80354	80719	2100	2101	0	829	79	7	141	245	367	1074	2742
80719	81084	2101	2102	0	829	79	7	141	245	368	1075	2742
81084	81449	2102	2103	0	829	79	7	141	245	368	1075	2743
81449	81814	2103	2104	0	829	79	7	141	245	368	1075	2744
81814	82180	2104	2105	0	829	79	7	141	245	368	1075	2744
82180	82545	2105	2106	0	829	79	7	141	245	369	1076	2745
82545	82910	2106	2107	0	829	79	7	141	245	369	1076	2745
82910	83275	2107	2108	0	829	79	7	141	245	369	1076	2746
83275	83641	2108	2109	0	829	79	7	141	245	369	1077	2746
83641	84006	2109	2110	0	829	79	7	141	245	369	1077	2747
84006	84371	2110	2111	0	829	79	7	141	245	370	1077	2747
84371	84736	2111	2112	0	829	79	7	141	245	370	1077	2748
84736	85102	2112	2113	0	829	79	7	141	245	370	1078	2748
85102	85467	2113	2114	0	829	79	7	141	245	370	1078	2749

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Salt Load
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)								
67571	67936	2065	2066	0.0	0.8	0.1	0.0	0.1	5.9	11.4	44.4	62.7
67936	68301	2066	2067	0.0	0.8	0.1	0.0	0.1	5.9	11.5	44.5	62.8
68301	68666	2067	2068	0.0	0.8	0.1	0.0	0.1	5.9	11.5	44.5	62.8
68666	69032	2068	2069	0.0	0.8	0.1	0.0	0.1	5.9	11.5	44.5	62.9
69032	69397	2069	2070	0.0	0.8	0.1	0.0	0.1	5.9	11.5	44.6	62.9
69397	69762	2070	2071	0.0	0.8	0.1	0.0	0.1	5.9	11.5	44.6	63.0
69762	70127	2071	2072	0.0	0.8	0.1	0.0	0.1	5.9	11.5	44.6	63.0
70127	70493	2072	2073	0.0	0.8	0.1	0.0	0.1	5.9	11.5	44.6	63.0
70493	70858	2073	2074	0.0	0.8	0.1	0.0	0.1	5.9	11.6	44.7	63.1
70858	71223	2074	2075	0.0	0.8	0.1	0.0	0.1	5.9	11.6	44.7	63.1
71223	71588	2075	2076	0.0	0.8	0.1	0.0	0.1	5.9	11.6	44.7	63.1
71588	71954	2076	2077	0.0	0.8	0.1	0.0	0.1	5.9	11.6	44.7	63.2
71954	72319	2077	2078	0.0	0.8	0.1	0.0	0.1	5.9	11.6	44.7	63.2
72319	72684	2078	2079	0.0	0.8	0.1	0.0	0.1	5.9	11.6	44.8	63.2
72684	73049	2079	2080	0.0	0.8	0.1	0.0	0.1	5.9	11.6	44.8	63.3
73049	73415	2080	2081	0.0	0.8	0.1	0.0	0.1	5.9	11.6	44.8	63.3
73415	73780	2081	2082	0.0	0.8	0.1	0.0	0.1	5.9	11.7	44.8	63.3
73780	74145	2082	2083	0.0	0.8	0.1	0.0	0.1	5.9	11.7	44.8	63.4
74145	74510	2083	2084	0.0	0.8	0.1	0.0	0.1	5.9	11.7	44.9	63.4
74510	74876	2084	2085	0.0	0.8	0.1	0.0	0.1	5.9	11.7	44.9	63.4
74876	75241	2085	2086	0.0	0.8	0.1	0.0	0.1	5.9	11.7	44.9	63.5
75241	75606	2086	2087	0.0	0.8	0.1	0.0	0.1	5.9	11.7	44.9	63.5
75606	75971	2087	2088	0.0	0.8	0.1	0.0	0.1	5.9	11.7	44.9	63.5
75971	76337	2088	2089	0.0	0.8	0.1	0.0	0.1	5.9	11.7	44.9	63.5
76337	76702	2089	2090	0.0	0.8	0.1	0.0	0.1	5.9	11.7	45.0	63.6
76702	77067	2090	2091	0.0	0.8	0.1	0.0	0.1	5.9	11.7	45.0	63.6
77067	77432	2091	2092	0.0	0.8	0.1	0.0	0.1	5.9	11.8	45.0	63.6
77432	77798	2092	2093	0.0	0.8	0.1	0.0	0.1	5.9	11.8	45.0	63.6
77798	78163	2093	2094	0.0	0.8	0.1	0.0	0.1	5.9	11.8	45.0	63.7
78163	78528	2094	2095	0.0	0.8	0.1	0.0	0.1	5.9	11.8	45.0	63.7
78528	78893	2095	2096	0.0	0.8	0.1	0.0	0.1	5.9	11.8	45.1	63.7
78893	79259	2096	2097	0.0	0.8	0.1	0.0	0.1	5.9	11.8	45.1	63.7
79259	79624	2097	2098	0.0	0.8	0.1	0.0	0.1	5.9	11.8	45.1	63.8
79624	79989	2098	2099	0.0	0.8	0.1	0.0	0.1	5.9	11.8	45.1	63.8
79989	80354	2099	2100	0.0	0.8	0.1	0.0	0.1	5.9	11.8	45.1	63.8
80354	80719	2100	2101	0.0	0.8	0.1	0.0	0.1	5.9	11.8	45.1	63.8
80719	81084	2101	2102	0.0	0.8	0.1	0.0	0.1	5.9	11.8	45.1	63.8
81084	81449	2102	2103	0.0	0.8	0.1	0.0	0.1	5.9	11.8	45.1	63.9
81449	81814	2103	2104	0.0	0.8	0.1	0.0	0.1	5.9	11.9	45.2	63.9
81814	82180	2104	2105	0.0	0.8	0.1	0.0	0.1	5.9	11.9	45.2	63.9
82180	82545	2105	2106	0.0	0.8	0.1	0.0	0.1	5.9	11.9	45.2	63.9
82545	82910	2106	2107	0.0	0.8	0.1	0.0	0.1	5.9	11.9	45.2	63.9
82910	83275	2107	2108	0.0	0.8	0.1	0.0	0.1	5.9	11.9	45.2	64.0
83275	83641	2108	2109	0.0	0.8	0.1	0.0	0.1	5.9	11.9	45.2	64.0
83641	84006	2109	2110	0.0	0.8	0.1	0.0	0.1	5.9	11.9	45.2	64.0
84006	84371	2110	2111	0.0	0.8	0.1	0.0	0.1	5.9	11.9	45.2	64.0
84371	84736	2111	2112	0.0	0.8	0.1	0.0	0.1	5.9	11.9	45.2	64.0
84736	85102	2112	2113	0.0	0.8	0.1	0.0	0.1	5.9	11.9	45.3	64.0
85102	85467	2113	2114	0.0	0.8	0.1	0.0	0.1	5.9	11.9	45.3	64.1

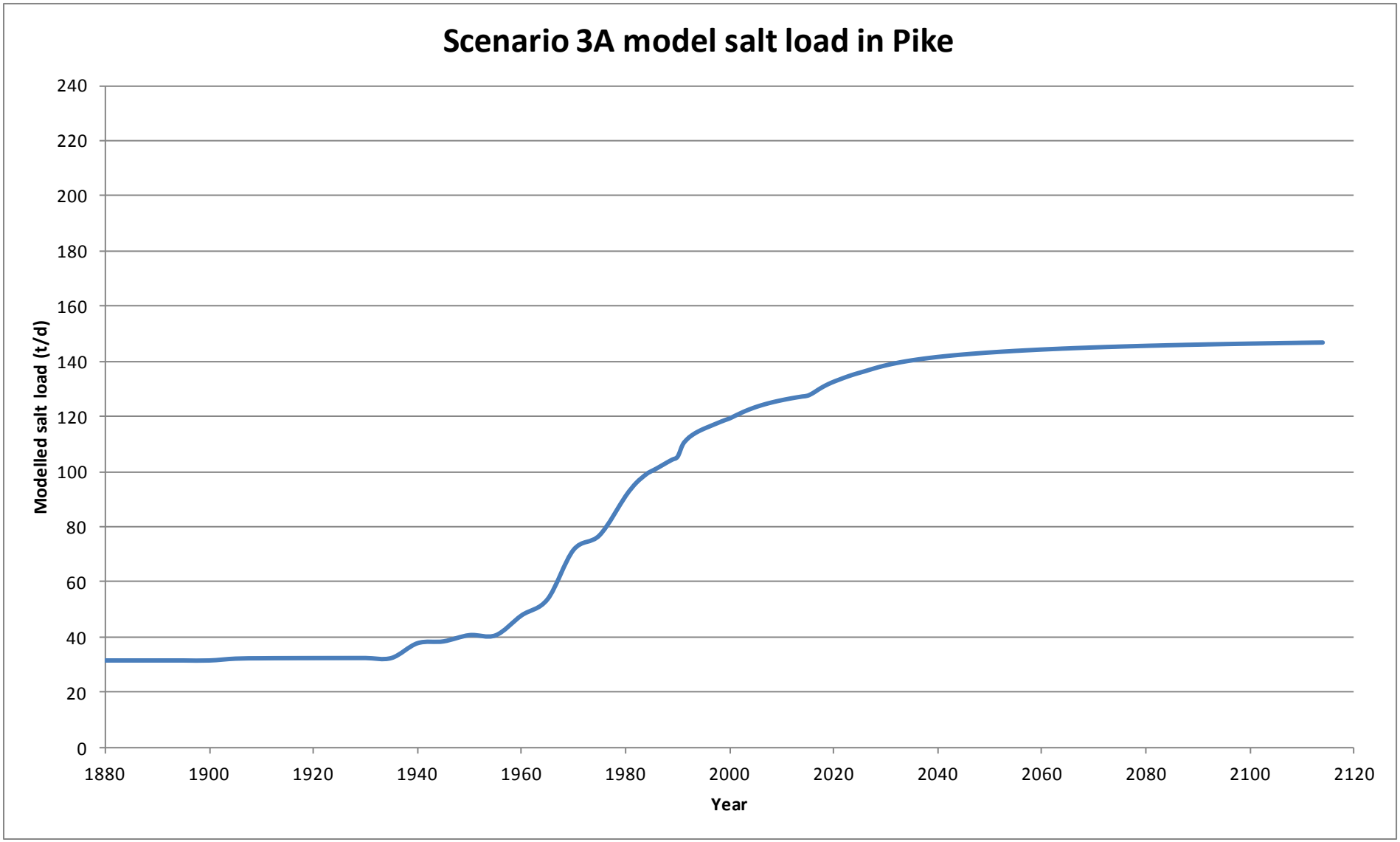
B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S3A model)



B-3. Graph of modelled groundwater flux (m³/d) entering the River Murray in Pike (S3A model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Pike (S3A model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Pike (S3A model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
0	1	1880	1880	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1827	1880	1885	0	0	0	0	0	0	0	0	0	0	0	0	0
1827	3653	1885	1890	0	0	0	0	0	0	0	0	0	0	0	0	0
3653	5479	1890	1895	0	0	0	0	0	0	0	0	0	0	0	0	0
5479	7305	1895	1900	0	0	0	0	0	0	0	0	0	0	0	0	0
7305	9131	1900	1905	0	0	0	0	0	0	0	0	0	0	0	0	0
9131	10957	1905	1910	0	0	0	0	0	0	0	0	0	0	0	0	0
10957	12783	1910	1915	0	0	0	0	0	0	0	0	0	0	0	0	0
12783	14609	1915	1920	0	0	0	0	0	0	0	0	0	0	0	0	0
14609	16436	1920	1925	0	0	0	0	0	0	0	0	0	0	0	0	0
16436	18262	1925	1930	0	0	0	0	0	0	0	0	0	0	0	0	0
18262	20088	1930	1935	0	0	0	0	0	0	0	0	0	0	0	0	0
20088	21914	1935	1940	0	0	0	0	0	0	0	0	0	0	0	0	0
21914	23741	1940	1945	0	0	0	0	0	0	0	0	0	0	0	0	0
23741	25567	1945	1950	0	0	0	0	0	0	0	0	0	0	0	0	0
25567	27393	1950	1955	0	0	0	0	0	0	0	0	0	0	0	0	0
27393	29219	1955	1960	0	0	0	0	0	0	0	0	0	0	0	0	0
29219	31046	1960	1965	0	0	0	0	0	0	0	0	0	0	0	0	0
31046	32872	1965	1970	0	0	0	0	0	0	0	0	0	0	0	0	0
32872	34698	1970	1975	0	0	67	41	0	0	0	0	0	0	0	0	108
34698	36524	1975	1980	0	0	73	46	0	0	0	0	0	0	0	0	119
36524	37255	1980	1982	6	0	85	53	0	0	0	0	0	0	0	0	144
37255	37985	1982	1984	7	0	91	57	0	0	0	0	0	0	0	0	154
37985	38351	1984	1985	7	0	92	58	0	0	0	0	0	0	0	0	157
38351	38716	1985	1986	6	0	78	57	0	0	0	0	0	0	0	0	141
38716	39446	1986	1988	6	0	79	58	0	0	0	0	0	0	0	0	143
39446	39812	1988	1989	6	0	79	59	0	0	0	0	0	0	0	0	144
39812	40177	1989	1990	6	0	80	59	0	0	0	0	0	0	0	0	145
40177	40542	1990	1991	7	0	94	68	0	0	0	0	0	0	0	0	168
40542	40907	1991	1992	8	0	104	76	0	0	0	0	0	0	0	0	188
40907	41273	1992	1993	8	0	111	81	0	0	0	0	0	0	0	0	199
41273	41638	1993	1994	9	0	115	84	0	0	0	0	0	0	0	0	207
41638	42003	1994	1995	9	0	118	86	0	0	0	0	0	0	0	0	213
42003	42368	1995	1996	9	0	120	88	0	0	0	0	0	0	0	0	217
42368	42734	1996	1997	10	0	122	89	0	0	0	0	0	0	0	0	221
42734	43099	1997	1998	10	0	124	91	0	0	0	0	0	0	0	0	224
43099	43464	1998	1999	10	0	125	92	0	0	0	0	0	0	0	0	227
43464	43829	1999	2000	10	0	127	94	0	0	0	0	0	0	0	0	230
43829	44195	2000	2001	11	0	131	103	6	0	0	0	0	0	0	10	261
44195	44560	2001	2002	12	0	135	107	8	0	0	0	0	0	0	22	284
44560	44925	2002	2003	13	0	139	111	10	0	0	0	0	0	0	30	302
44925	45290	2003	2004	13	0	142	114	12	0	0	0	0	0	0	34	315
45290	45656	2004	2005	13	0	145	116	13	0	0	0	0	0	0	38	325
45656	46021	2005	2006	14	0	147	119	14	0	0	0	0	0	0	40	333
46021	46386	2006	2007	14	0	149	120	14	0	0	0	0	0	0	42	339
46386	46751	2007	2008	14	0	151	122	15	0	0	0	0	0	0	43	345
46751	47117	2008	2009	14	0	153	123	15	0	0	0	0	0	0	44	350
47117	47482	2009	2010	14	0	154	125	16	0	0	0	0	0	0	45	354
47482	47847	2010	2011	15	0	155	126	16	0	0	0	0	0	0	46	358
47847	48212	2011	2012	15	0	156	127	16	0	0	0	0	0	0	47	361
48212	48578	2012	2013	15	0	157	128	17	0	0	0	0	0	0	48	365
48578	48943	2013	2014	15	0	158	129	17	0	0	0	0	0	0	48	368

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
0	1	1880	1880	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	1827	1880	1885	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1827	3653	1885	1890	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3653	5479	1890	1895	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5479	7305	1895	1900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7305	9131	1900	1905	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9131	10957	1905	1910	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10957	12783	1910	1915	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12783	14609	1915	1920	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14609	16436	1920	1925	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16436	18262	1925	1930	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18262	20088	1930	1935	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20088	21914	1935	1940	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21914	23741	1940	1945	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23741	25567	1945	1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25567	27393	1950	1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27393	29219	1955	1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29219	31046	1960	1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31046	32872	1965	1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32872	34698	1970	1975	0.0	0.0	1.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
34698	36524	1975	1980	0.0	0.0	1.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
36524	37255	1980	1982	0.1	0.0	1.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
37255	37985	1982	1984	0.1	0.0	1.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
37985	38351	1984	1985	0.1	0.0	1.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
38351	38716	1985	1986	0.1	0.0	1.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
38716	39446	1986	1988	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
39446	39812	1988	1989	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
39812	40177	1989	1990	0.1	0.0	1.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
40177	40542	1990	1991	0.1	0.0	1.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
40542	40907	1991	1992	0.2	0.0	2.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
40907	41273	1992	1993	0.2	0.0	2.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
41273	41638	1993	1994	0.2	0.0	2.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
41638	42003	1994	1995	0.2	0.0	2.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
42003	42368	1995	1996	0.2	0.0	2.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
42368	42734	1996	1997	0.2	0.0	2.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
42734	43099	1997	1998	0.2	0.0	2.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
43099	43464	1998	1999	0.2	0.0	2.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
43464	43829	1999	2000	0.2	0.0	2.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
43829	44195	2000	2001	0.2	0.0	2.6	2.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	5.2
44195	44560	2001	2002	0.2	0.0	2.7	2.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	5.8
44560	44925	2002	2003	0.2	0.0	2.7	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.9	6.2
44925	45290	2003	2004	0.3	0.0	2.8	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.1	6.5
45290	45656	2004	2005	0.3	0.0	2.9	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2	6.8
45656	46021	2005	2006	0.3	0.0	2.9	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2	6.9
46021	46386	2006	2007	0.3	0.0	2.9	2.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.3	7.1
46386	46751	2007	2008	0.3	0.0	3.0	2.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.3	7.2
46751	47117	2008	2009	0.3	0.0	3.0	2.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.4	7.3
47117	47482	2009	2010	0.3	0.0	3.0	2.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.4	7.4
47482	47847	2010	2011	0.3	0.0	3.1	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.4	7.5
47847	48212	2011	2012	0.3	0.0	3.1	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.5	7.6
48212	48578	2012	2013	0.3	0.0	3.1	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.5	7.6
48578	48943	2013	2014	0.3	0.0	3.1	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.5	7.7

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S3A model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
48943	49308	2014	2015	15	0	159	130	17	0	0	0	0	0	0	49	370
49308	49673	2015	2016	25	0	208	146	18	0	0	0	0	0	0	53	450
49673	50039	2016	2017	29	0	224	156	20	0	0	0	0	0	0	59	488
50039	50404	2017	2018	32	0	235	165	22	0	0	0	0	0	0	64	519
50404	50769	2018	2019	34	0	245	173	25	0	0	0	0	0	0	69	546
50769	51134	2019	2020	37	0	254	180	28	0	0	0	0	0	0	72	570
51134	51500	2020	2021	46	0	269	188	30	0	0	0	0	0	0	76	609
51500	51865	2021	2022	52	0	284	197	32	0	0	0	0	0	0	78	644
51865	52230	2022	2023	56	0	294	205	35	0	0	0	0	0	0	81	670
52230	52595	2023	2024	58	0	302	210	37	0	0	0	0	0	0	83	691
52595	52961	2024	2025	60	0	308	215	39	0	0	0	0	0	0	86	708
52961	53326	2025	2026	61	0	313	220	41	0	0	0	0	0	0	88	723
53326	53691	2026	2027	62	0	318	223	43	0	0	0	0	0	0	90	736
53691	54056	2027	2028	63	0	322	227	44	0	0	0	0	0	0	92	748
54056	54422	2028	2029	64	0	325	230	46	0	0	0	0	0	0	94	758
54422	54787	2029	2030	65	0	329	232	47	0	0	0	0	0	0	95	768
54787	55152	2030	2031	66	0	332	235	49	0	0	0	0	0	0	97	777
55152	55517	2031	2032	66	0	334	237	50	0	0	0	0	0	0	98	785
55517	55883	2032	2033	67	0	337	239	51	0	0	0	0	0	0	99	792
55883	56248	2033	2034	68	0	339	241	52	0	0	0	0	0	0	100	799
56248	56613	2034	2035	68	0	341	243	53	0	0	0	0	0	0	101	806
56613	56978	2035	2036	69	0	343	244	53	0	0	0	0	0	0	102	812
56978	57344	2036	2037	69	0	345	246	54	0	0	0	0	0	0	103	817
57344	57709	2037	2038	70	0	347	247	55	0	0	0	0	0	0	104	823
57709	58074	2038	2039	70	0	349	249	56	0	0	0	0	0	0	105	828
58074	58439	2039	2040	70	0	350	250	56	0	0	0	0	0	0	106	832
58439	58805	2040	2041	71	0	352	251	57	0	0	0	0	0	0	106	837
58805	59170	2041	2042	71	0	353	252	57	0	0	0	0	0	0	107	841
59170	59535	2042	2043	71	0	354	253	58	0	0	0	0	0	0	108	845
59535	59900	2043	2044	72	0	356	255	59	0	0	0	0	0	0	108	849
59900	60266	2044	2045	72	0	357	256	59	0	0	0	0	0	0	109	853
60266	60631	2045	2046	72	0	358	257	60	0	0	0	0	0	0	110	856
60631	60996	2046	2047	73	0	359	257	60	0	0	0	0	0	0	110	859
60996	61361	2047	2048	73	0	360	258	60	0	0	0	0	0	0	111	863
61361	61727	2048	2049	73	0	361	259	61	0	0	0	0	0	0	111	866
61727	62092	2049	2050	73	0	362	260	61	0	0	0	0	0	0	112	869
62092	62457	2050	2051	74	0	363	261	62	0	0	0	0	0	0	112	871
62457	62822	2051	2052	74	0	364	261	62	0	0	0	0	0	0	113	874
62822	63188	2052	2053	74	0	365	262	62	0	0	0	0	0	0	113	877
63188	63553	2053	2054	74	0	366	263	63	0	0	0	0	0	0	114	879
63553	63918	2054	2055	74	0	366	263	63	0	0	0	0	0	0	114	881
63918	64283	2055	2056	75	0	367	264	63	0	0	0	0	0	0	114	884
64283	64649	2056	2057	75	0	368	265	64	0	0	0	0	0	0	115	886
64649	65014	2057	2058	75	0	369	265	64	0	0	0	0	0	0	115	888
65014	65379	2058	2059	75	0	369	266	64	0	0	0	0	0	0	116	890
65379	65744	2059	2060	75	0	370	266	65	0	0	0	0	0	0	116	892
65744	66110	2060	2061	75	0	370	267	65	0	0	0	0	0	0	116	894
66110	66475	2061	2062	76	0	371	267	65	0	0	0	0	0	0	117	896
66475	66840	2062	2063	76	0	372	268	65	0	0	0	0	0	0	117	897
66840	67205	2063	2064	76	0	372	268	66	0	0	0	0	0	0	117	899
67205	67571	2064	2065	76	0	373	269	66	0	0	0	0	0	0	118	901

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
48943	49308	2014	2015	0.3	0.0	3.1	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.5	7.8
49308	49673	2015	2016	0.5	0.0	4.1	2.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.6	9.4
49673	50039	2016	2017	0.6	0.0	4.4	3.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.8	10.2
50039	50404	2017	2018	0.6	0.0	4.6	3.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.0	10.8
50404	50769	2018	2019	0.7	0.0	4.8	3.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.1	11.4
50769	51134	2019	2020	0.7	0.0	5.0	3.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.2	11.9
51134	51500	2020	2021	0.9	0.0	5.3	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.3	12.7
51500	51865	2021	2022	1.0	0.0	5.6	3.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.4	13.4
51865	52230	2022	2023	1.1	0.0	5.8	4.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	2.5	13.9
52230	52595	2023	2024	1.1	0.0	6.0	4.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	2.6	14.4
52595	52961	2024	2025	1.2	0.0	6.1	4.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	2.6	14.7
52961	53326	2025	2026	1.2	0.0	6.2	4.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	2.7	15.0
53326	53691	2026	2027	1.2	0.0	6.3	4.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	2.8	15.3
53691	54056	2027	2028	1.2	0.0	6.3	4.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	2.8	15.6
54056	54422	2028	2029	1.3	0.0	6.4	4.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	2.9	15.8
54422	54787	2029	2030	1.3	0.0	6.5	4.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	2.9	16.0
54787	55152	2030	2031	1.3	0.0	6.5	4.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	3.0	16.2
55152	55517	2031	2032	1.3	0.0	6.6	4.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	3.0	16.3
55517	55883	2032	2033	1.3	0.0	6.6	4.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	3.1	16.5
55883	56248	2033	2034	1.3	0.0	6.7	4.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	3.1	16.6
56248	56613	2034	2035	1.3	0.0	6.7	4.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	3.1	16.8
56613	56978	2035	2036	1.4	0.0	6.8	4.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	3.2	16.9
56978	57344	2036	2037	1.4	0.0	6.8	4.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	3.2	17.0
57344	57709	2037	2038	1.4	0.0	6.8	4.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	3.2	17.1
57709	58074	2038	2039	1.4	0.0	6.9	4.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	3.2	17.2
58074	58439	2039	2040	1.4	0.0	6.9	4.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	3.3	17.3
58439	58805	2040	2041	1.4	0.0	6.9	4.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	3.3	17.4
58805	59170	2041	2042	1.4	0.0	7.0	4.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	3.3	17.5
59170	59535	2042	2043	1.4	0.0	7.0	5.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	3.3	17.6
59535	59900	2043	2044	1.4	0.0	7.0	5.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	3.3	17.7
59900	60266	2044	2045	1.4	0.0	7.0	5.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	3.4	17.8
60266	60631	2045	2046	1.4	0.0	7.1	5.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	17.8
60631	60996	2046	2047	1.4	0.0	7.1	5.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	17.9
60996	61361	2047	2048	1.4	0.0	7.1	5.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	18.0
61361	61727	2048	2049	1.4	0.0	7.1	5.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	18.0
61727	62092	2049	2050	1.4	0.0	7.1	5.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	18.1
62092	62457	2050	2051	1.5	0.0	7.2	5.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	18.2
62457	62822	2051	2052	1.5	0.0	7.2	5.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	18.2
62822	63188	2052	2053	1.5	0.0	7.2	5.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	18.3
63188	63553	2053	2054	1.5	0.0	7.2	5.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	18.3
63553	63918	2054	2055	1.5	0.0	7.2	5.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	18.4
63918	64283	2055	2056	1.5	0.0	7.2	5.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	18.4
64283	64649	2056	2057	1.5	0.0	7.3	5.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	18.5
64649	65014	2057	2058	1.5	0.0	7.3	5.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	18.5
65014	65379	2058	2059	1.5	0.0	7.3	5.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	18.5
65379	65744	2059	2060	1.5	0.0	7.3	5.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	18.6
65744	66110	2060	2061	1.5	0.0	7.3	5.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	18.6
66110	66475	2061	2062	1.5	0.0	7.3	5.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	18.7
66475	66840	2062	2063	1.5	0.0	7.3	5.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	18.7
66840	67205	2063	2064	1.5	0.0	7.3	5.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	18.7
67205	67571	2064	2065	1.5	0.0	7.3	5.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	18.8

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S3A model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
67571	67936	2065	2066	76	0	373	269	66	0	0	0	0	0	0	118	902
67936	68301	2066	2067	76	0	374	270	66	0	0	0	0	0	0	118	904
68301	68666	2067	2068	76	0	374	270	66	0	0	0	0	0	0	118	905
68666	69032	2068	2069	76	0	375	270	67	0	0	0	0	0	0	119	907
69032	69397	2069	2070	77	0	375	271	67	0	0	0	0	0	0	119	908
69397	69762	2070	2071	77	0	375	271	67	0	0	0	0	0	0	119	909
69762	70127	2071	2072	77	0	376	271	67	0	0	0	0	0	0	119	911
70127	70493	2072	2073	77	0	376	272	67	0	0	0	0	0	0	120	912
70493	70858	2073	2074	77	0	377	272	68	0	0	0	0	0	0	120	913
70858	71223	2074	2075	77	0	377	272	68	0	0	0	0	0	0	120	914
71223	71588	2075	2076	77	0	377	273	68	0	0	0	0	0	0	120	915
71588	71954	2076	2077	77	0	378	273	68	0	0	0	0	0	0	121	917
71954	72319	2077	2078	77	0	378	273	68	0	0	0	0	0	0	121	918
72319	72684	2078	2079	77	0	378	274	68	0	0	0	0	0	0	121	919
72684	73049	2079	2080	77	0	379	274	68	0	0	0	0	0	0	121	920
73049	73415	2080	2081	78	0	379	274	69	0	0	0	0	0	0	121	921
73415	73780	2081	2082	78	0	379	274	69	0	0	0	0	0	0	122	922
73780	74145	2082	2083	78	0	380	275	69	0	0	0	0	0	0	122	923
74145	74510	2083	2084	78	0	380	275	69	0	0	0	0	0	0	122	924
74510	74876	2084	2085	78	0	380	275	69	0	0	0	0	0	0	122	924
74876	75241	2085	2086	78	0	381	275	69	0	0	0	0	0	0	122	925
75241	75606	2086	2087	78	0	381	276	69	0	0	0	0	0	0	122	926
75606	75971	2087	2088	78	0	381	276	69	0	0	0	0	0	0	123	927
75971	76337	2088	2089	78	0	381	276	70	0	0	0	0	0	0	123	928
76337	76702	2089	2090	78	0	382	276	70	0	0	0	0	0	0	123	929
76702	77067	2090	2091	78	0	382	276	70	0	0	0	0	0	0	123	929
77067	77432	2091	2092	78	0	382	277	70	0	0	0	0	0	0	123	930
77432	77798	2092	2093	78	0	382	277	70	0	0	0	0	0	0	123	931
77798	78163	2093	2094	78	0	383	277	70	0	0	0	0	0	0	123	932
78163	78528	2094	2095	78	0	383	277	70	0	0	0	0	0	0	124	932
78528	78893	2095	2096	78	0	383	277	70	0	0	0	0	0	0	124	933
78893	79259	2096	2097	79	0	383	278	70	0	0	0	0	0	0	124	934
79259	79624	2097	2098	79	0	383	278	71	0	0	0	0	0	0	124	934
79624	79989	2098	2099	79	0	384	278	71	0	0	0	0	0	0	124	935
79989	80354	2099	2100	79	0	384	278	71	0	0	0	0	0	0	124	936
80354	80719	2100	2101	79	0	384	278	71	0	0	0	0	0	0	124	936
80719	81084	2101	2102	79	0	384	278	71	0	0	0	0	0	0	124	937
81084	81449	2102	2103	79	0	384	279	71	0	0	0	0	0	0	125	937
81449	81814	2103	2104	79	0	385	279	71	0	0	0	0	0	0	125	938
81814	82180	2104	2105	79	0	385	279	71	0	0	0	0	0	0	125	938
82180	82545	2105	2106	79	0	385	279	71	0	0	0	0	0	0	125	939
82545	82910	2106	2107	79	0	385	279	71	0	0	0	0	0	0	125	940
82910	83275	2107	2108	79	0	385	279	71	0	0	0	0	0	0	125	940
83275	83641	2108	2109	79	0	385	279	71	0	0	0	0	0	0	125	941
83641	84006	2109	2110	79	0	386	280	72	0	0	0	0	0	0	125	941
84006	84371	2110	2111	79	0	386	280	72	0	0	0	0	0	0	125	942
84371	84736	2111	2112	79	0	386	280	72	0	0	0	0	0	0	126	942
84736	85102	2112	2113	79	0	386	280	72	0	0	0	0	0	0	126	943
85102	85467	2113	2114	79	0	386	280	72	0	0	0	0	0	0	126	943

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
67571	67936	2065	2066	1.5	0.0	7.4	5.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.6	18.8
67936	68301	2066	2067	1.5	0.0	7.4	5.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.6	18.8
68301	68666	2067	2068	1.5	0.0	7.4	5.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.7	18.9
68666	69032	2068	2069	1.5	0.0	7.4	5.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.7	18.9
69032	69397	2069	2070	1.5	0.0	7.4	5.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.7	18.9
69397	69762	2070	2071	1.5	0.0	7.4	5.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.7	19.0
69762	70127	2071	2072	1.5	0.0	7.4	5.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.7	19.0
70127	70493	2072	2073	1.5	0.0	7.4	5.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.7	19.0
70493	70858	2073	2074	1.5	0.0	7.4	5.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.7	19.0
70858	71223	2074	2075	1.5	0.0	7.4	5.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.7	19.1
71223	71588	2075	2076	1.5	0.0	7.4	5.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.7	19.1
71588	71954	2076	2077	1.5	0.0	7.5	5.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.7	19.1
71954	72319	2077	2078	1.5	0.0	7.5	5.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.7	19.1
72319	72684	2078	2079	1.5	0.0	7.5	5.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.7	19.2
72684	73049	2079	2080	1.5	0.0	7.5	5.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.7	19.2
73049	73415	2080	2081	1.5	0.0	7.5	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.7	19.2
73415	73780	2081	2082	1.5	0.0	7.5	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.7	19.2
73780	74145	2082	2083	1.5	0.0	7.5	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	19.2
74145	74510	2083	2084	1.5	0.0	7.5	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	19.3
74510	74876	2084	2085	1.5	0.0	7.5	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	19.3
74876	75241	2085	2086	1.5	0.0	7.5	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	19.3
75241	75606	2086	2087	1.5	0.0	7.5	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	19.3
75606	75971	2087	2088	1.5	0.0	7.5	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	19.3
75971	76337	2088	2089	1.5	0.0	7.5	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	19.4
76337	76702	2089	2090	1.5	0.0	7.5	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	19.4
76702	77067	2090	2091	1.5	0.0	7.5	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	19.4
77067	77432	2091	2092	1.5	0.0	7.5	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	19.4
77432	77798	2092	2093	1.5	0.0	7.5	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	19.4
77798	78163	2093	2094	1.5	0.0	7.5	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	19.4
78163	78528	2094	2095	1.5	0.0	7.5	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	19.4
78528	78893	2095	2096	1.5	0.0	7.6	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	19.5
78893	79259	2096	2097	1.5	0.0	7.6	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	19.5
79259	79624	2097	2098	1.5	0.0	7.6	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	19.5
79624	79989	2098	2099	1.6	0.0	7.6	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	19.5
79989	80354	2099	2100	1.6	0.0	7.6	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	19.5
80354	80719	2100	2101	1.6	0.0	7.6	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	19.5
80719	81084	2101	2102	1.6	0.0	7.6	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	19.5
81084	81449	2102	2103	1.6	0.0	7.6	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	19.6
81449	81814	2103	2104	1.6	0.0	7.6	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	19.6
81814	82180	2104	2105	1.6	0.0	7.6	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.9	19.6
82180	82545	2105	2106	1.6	0.0	7.6	5.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.9	19.6
82545	82910	2106	2107	1.6	0.0	7.6	5.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.9	19.6
82910	83275	2107	2108	1.6	0.0	7.6	5.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.9	19.6
83275	83641	2108	2109	1.6	0.0	7.6	5.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.9	19.6
83641	84006	2109	2110	1.6	0.0	7.6	5.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.9	19.6
84006	84371	2110	2111	1.6	0.0	7.6	5.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.9	19.6
84371	84736	2111	2112	1.6	0.0	7.6	5.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.9	19.7
84736	85102	2112	2113	1.6	0.0	7.6	5.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.9	19.7
85102	85467	2113	2114	1.6	0.0	7.6	5.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.9	19.7

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S3A model)

				Central Murtho																																	
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																																	
0	1	1880	1880	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	37	91
1	1827	1880	1885	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	37	91
1827	3653	1885	1890	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	37	91
3653	5479	1890	1895	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	37	91
5479	7305	1895	1900	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	37	91
7305	9131	1900	1905	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	37	91
9131	10957	1905	1910	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	37	91
10957	12783	1910	1915	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	37	91
12783	14609	1915	1920	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	37	91
14609	16436	1920	1925	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	37	91
16436	18262	1925	1930	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	37	91
18262	20088	1930	1935	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	37	91
20088	21914	1935	1940	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	37	91
21914	23741	1940	1945	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	37	91
23741	25567	1945	1950	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	40	95
25567	27393	1950	1955	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	42	96
27393	29219	1955	1960	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	42	97
29219	31046	1960	1965	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	0	0	0	0	5	43	121
31046	32872	1965	1970	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	0	0	0	6	43	124
32872	34698	1970	1975	0	0	0	1	29	9	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72	16	0	0	0	1	58	43	252
34698	36524	1975	1980	0	0	0	1	36	13	33	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	84	22	0	0	0	5	80	44	322
36524	37255	1980	1982	0	0	1	2	84	45	141	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	119	43	5	0	34	10	128	44	670
37255	37985	1982	1984	0	0	1	3	99	51	157	10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	131	51	6	0	36	16	149	46	767
37985	38351	1984	1985	0	0	1	3	102	52	157	11	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	131	53	6	0	36	18	150	46	780
38351	38716	1985	1986	0	0	1	5	191	83	222	14	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	132	54	6	0	36	20	160	48	987
38716	39446	1986	1988	1	0	3	9	270	113	287	22	1	0	0	0	0	0	0	0	0	1	0	0	0	3	13	132	56	6	0	36	29	183	52	1216
39446	39812	1988	1989	2	0	4	10	287	118	297	24	1	0	0	0	0	0	0	0	0	1	0	0	0	4	14	130	57	6	0	36	32	188	55	1266
39812	40177	1989	1990	2	0	5	10	300	123	306	25	2	0	0	0	0	0	0	0	1	2	0	0	0	4	14	129	57	6	0	36	35	193	59	1310
40177	40542	1990	1991	16	0	5	12	325	145	424	35	2	0	0	0	0	0	0	0	1	2	0	0	0	5	16	156	71	7	0	37	38	210	147	1652
40542	40907	1991	1992	21	0	6	13	340	152	443	38	3	0	0	0	0	0	0	0	1	2	0	0	0	5	18	168	79	7	0	39	41	227	168	1772
40907	41273	1992	1993	23	0	7	13	350	156	453	41	3	0	0	0	0	0	0	0	1	2	0	0	0	6	20	176	85	8	0	41	45	240	179	1850
41273	41638	1993	1994	25	0	8	14	358	159	460	42	3	0	0	0	0	0	0	0	1	3	0	0	0	7	22	182	89	8	0	42	48	249	186	1906
41638	42003	1994	1995	27	0	8	14	364	161	466	44	4	0	0	0	0	0	0	0	1	3	0	0	0	7	23	186	93	8	0	43	50	257	191	1950
42003	42368	1995	1996	28	0	9	16	403	173	480	45	4	0	0	0	0	0	0	0	1	3	0	0	0	7	24	190	95	8	0	43	51	263	238	2080
42368	42734	1996	1997	28	0	9	16	410	176	486	45	4	0	0	0	0	0	0	0	2	3	0	0	0	8	25	193	97	9	0	44	53	268	249	2126
42734	43099	1997	1998	29	0	10	17	416	177	490	46	4	0	0	0	0	0	0	1	2	4	0	0	0	8	25	196	99	9	0	44	54	272	256	2158
43099	43464	1998	1999	30	0	10	17	420	179	493	47	5	0	0	0	0	0	0	1	2	4	0	0	0	8	26	198	101	9	0	44	55	276	261	2184
43464	43829	1999	2000	30	0	10	17	423	180	496	47	5	0	0	0	0	0	0	1	2	4	0	0	0	8	26	200	102	9	0	45	56	279	265	2206
43829	44195	2000	2001	31	0	11	18	452	188	507	48	5	0	0	0	0	0	0	1	2	4	0	0	0	9	27	211	131	10	0	48	57	288	269	2315
44195	44560	2001	2002	31	0	11	19	471	194	517	49	5	0	0	0	0	0	0	1	2	4	0	0	0	9	29	218	142	11	0	50	58	296	273	2389
44560	44925	2002	2003	32	0	12	20	484	198	525	50	5	0	0	0	0	0	0	1	2	4	0	0	0	9	30	223	146	12	0	51	59	303	277	2444
44925	45290	2003	2004	33	0	12	20	493	201	532	51	6	0	0	0	0	0	0	1	2	4	0	0	0	10	31	227	149	12	0	52	61	309	282	2489
45290	45656	2004	2005	34	0	13	21	501	204	538	52	6	0	0	0	0	0	0	1	2	4	0	0	0	10	32	230	151	12	0	53	62	314	287	2526
45656	46021	2005	2006	36	0	13	22	512	207	545	53	6	0	0	0	0	0	0	1	2	5	0	0	0	10	32	232	153	12	0	53	63	319	295	2572
46021	46386	2006	2007	37	0	14	22	525	212	554	54	6	0	0	0	0	0	0	1	2	5	0	0	0	11	33	235	155	12	0	53	65	326	304	2627
46386	46751	2007	2008	39	0	15	23	536	215	561	55	7	0	0	0	0	0	0	1	2	5	0	0	0	11	34	237	156	12	0	54	66	332	312	2675
46751	47117	2008	2009	41	0	16	24	544	218	568	56	7	0	0	0	0	0	0	1	2	5	0	0	0	11	35	239	157	13	0	54	68	338	318	2716
47117	47482	2009	2010	42	0	17	25	551	221	573	57	7	0	0	0	0	0	0	1	3	5	0	0	0	12	35	241	158	13	0	54	69	342	324	2750
47482	47847	2010	2011	44	0	17	25	557	223	577	58	7	0	0	0	0	0	0	1	3	5	0	0	0	12	36	243	159	13	0	54	70	346	328	2779
47847	48212	2011	2012	44	0	18	25	561	224	580	58	7	0	0	0	0	0	0	1	3	5	0	0	0	12	37	245	160	13	0	55	71	350	332	2803
48212	48578	2012	2013	45	0	18	26	565	226	583	59	8	0	0	0	0	0	0	2	3	6	0	0	0	12	37	247	161	13	0	55	72	353	335	2825
48578	48943	2013	2014	46	0	18	26	569	227	586	59	8	0	0	0	0	0	0	2	3	6	0	0	0	12	37	248	162	13	0	55	73	355	338	2844

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (S3A model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																																
48943	49308	2014	2015	46	0	18	26	572	228	588	60	8	0	0	0	0	0	0	2	3	6	0	0	0	13	38	250	163	13	0	55	74	358	341	2861
49308	49673	2015	2016	47	0	19	27	574	229	590	60	8	0	0	0	0	0	0	2	3	6	0	0	0	13	38	251	166	14	0	60	74	362	343	2886
49673	50039	2016	2017	47	0	19	27	578	231	594	61	8	0	0	0	0	0	0	2	3	6	0	0	1	13	39	255	171	15	0	63	75	369	345	2921
50039	50404	2017	2018	47	0	19	27	582	233	599	62	8	0	0	0	0	0	0	2	3	6	0	0	1	13	40	259	177	15	0	65	77	377	347	2959
50404	50769	2018	2019	48	0	19	27	586	234	603	62	9	0	0	0	0	0	0	2	3	6	0	0	1	14	42	265	182	16	0	66	78	383	349	2996
50769	51134	2019	2020	48	0	19	27	589	236	607	63	9	0	0	0	0	0	0	2	3	6	0	0	1	14	43	270	188	16	0	68	80	389	351	3029
51134	51500	2020	2021	48	0	20	28	608	245	623	64	9	0	0	0	0	0	0	2	3	7	0	0	1	15	44	276	203	18	0	77	81	397	353	3121
51500	51865	2021	2022	49	0	20	29	627	253	640	66	9	0	0	0	0	0	0	2	3	7	0	0	1	15	45	284	218	20	0	84	83	408	354	3216
51865	52230	2022	2023	49	0	20	30	642	259	653	68	10	0	0	0	0	0	0	2	4	7	0	0	1	16	47	292	227	21	0	87	85	419	357	3295
52230	52595	2023	2024	50	0	21	30	653	264	664	69	10	0	0	0	0	0	0	2	4	7	0	0	1	16	48	299	233	22	0	89	88	431	359	3363
52595	52961	2024	2025	50	0	21	31	663	268	673	71	11	1	0	0	0	0	0	3	4	8	0	0	1	17	50	305	239	22	0	91	90	440	362	3421
52961	53326	2025	2026	51	0	22	32	682	282	723	75	11	1	0	0	0	0	0	3	4	8	0	0	1	17	51	311	243	23	0	92	93	454	366	3545
53326	53691	2026	2027	52	0	22	33	696	289	741	78	12	1	0	0	0	0	0	3	4	8	0	0	1	18	53	317	247	23	0	93	97	467	370	3626
53691	54056	2027	2028	52	0	23	34	710	294	754	81	13	1	0	0	0	0	0	3	5	9	0	0	1	19	55	322	251	23	0	94	100	478	375	3696
54056	54422	2028	2029	53	0	23	34	722	299	764	83	14	1	0	0	0	0	0	3	5	9	0	0	1	20	56	327	254	23	0	95	103	488	380	3759
54422	54787	2029	2030	54	0	24	35	732	303	773	84	14	1	0	0	0	0	0	4	5	10	0	0	1	20	57	332	257	24	0	95	106	497	385	3814
54787	55152	2030	2031	55	0	24	36	741	306	781	86	15	1	0	0	0	0	1	4	6	10	0	0	1	21	59	336	260	24	0	96	108	505	391	3865
55152	55517	2031	2032	56	0	25	36	749	309	787	87	15	1	0	0	0	0	1	4	6	10	0	0	2	21	60	341	263	24	0	97	110	512	395	3910
55517	55883	2032	2033	57	0	25	37	756	312	793	88	15	1	0	0	0	0	1	4	6	10	0	0	2	22	61	345	265	24	0	97	111	519	400	3951
55883	56248	2033	2034	58	0	26	37	762	314	798	89	16	1	0	0	0	0	1	4	6	10	0	0	2	22	62	349	268	25	0	98	113	525	405	3988
56248	56613	2034	2035	58	0	26	38	768	316	803	90	16	1	0	0	0	0	1	4	6	11	0	0	2	22	62	352	270	25	0	98	114	530	409	4022
56613	56978	2035	2036	59	0	26	38	773	318	807	91	16	1	0	0	0	0	1	5	6	11	0	0	2	23	63	355	272	25	0	99	115	535	412	4052
56978	57344	2036	2037	59	0	27	39	777	320	811	91	17	1	0	0	0	0	1	5	6	11	0	0	2	23	64	358	274	25	0	99	116	539	416	4080
57344	57709	2037	2038	60	0	27	39	781	322	814	92	17	1	0	0	0	0	1	5	6	11	0	0	2	23	64	361	276	25	0	99	117	543	419	4106
57709	58074	2038	2039	60	0	27	39	785	323	817	92	17	1	0	0	0	0	1	5	7	11	0	0	2	23	65	364	278	25	0	100	118	547	422	4130
58074	58439	2039	2040	61	0	27	39	788	324	820	93	17	1	0	0	0	0	1	5	7	11	0	0	2	24	66	366	279	25	0	100	119	550	425	4151
58439	58805	2040	2041	61	0	28	40	791	326	822	93	17	1	0	0	0	0	1	5	7	11	0	0	2	24	66	369	281	26	0	101	120	553	428	4172
58805	59170	2041	2042	61	0	28	40	794	327	825	94	18	2	0	0	0	0	1	5	7	12	0	0	2	24	67	371	282	26	0	101	120	556	430	4190
59170	59535	2042	2043	62	0	28	40	797	328	827	94	18	2	0	0	0	0	1	5	7	12	0	0	2	24	67	373	284	26	0	101	121	559	432	4208
59535	59900	2043	2044	62	0	28	40	799	329	829	95	18	2	0	0	0	0	1	5	7	12	0	0	2	24	67	375	285	26	0	102	122	561	435	4224
59900	60266	2044	2045	62	0	28	41	802	329	831	95	18	2	0	0	0	0	1	5	7	12	0	0	2	24	68	376	286	26	0	102	122	563	437	4239
60266	60631	2045	2046	63	0	29	41	804	330	833	95	18	2	0	0	0	0	1	5	7	12	0	0	2	25	68	378	287	26	0	102	123	566	439	4254
60631	60996	2046	2047	63	0	29	41	806	331	834	96	18	2	0	0	0	0	1	5	7	12	0	0	2	25	68	380	289	26	0	102	123	568	441	4267
60996	61361	2047	2048	63	0	29	41	808	332	836	96	18	2	0	0	0	0	1	5	7	12	0	0	2	25	69	381	290	26	0	103	124	570	442	4280
61361	61727	2048	2049	63	0	29	41	809	332	837	96	18	2	0	0	0	0	1	5	7	12	0	0	2	25	69	383	291	26	0	103	124	571	444	4292
61727	62092	2049	2050	63	0	29	41	811	333	839	96	18	2	0	0	0	0	1	5	7	12	0	0	2	25	69	384	292	26	0	103	124	573	445	4303
62092	62457	2050	2051	64	0	29	41	813	334	840	97	19	2	0	0	0	0	1	5	7	12	0	0	2	25	70	385	292	27	0	103	125	575	447	4313
62457	62822	2051	2052	64	0	29	42	814	334	841	97	19	2	0	0	0	0	1	5	7	12	0	0	2	25	70	387	293	27	0	103	125	576	448	4323
62822	63188	2052	2053	64	0	29	42	815	335	842	97	19	2	0	0	0	0	1	5	7	12	0	0	2	25	70	388	294	27	0	104	125	578	450	4333
63188	63553	2053	2054	64	0	29	42	817	335	843	97	19	2	0	0	0	0	1	5	7	12	0	0	2	25	70	389	295	27	0	104	126	579	451	4342
63553	63918	2054	2055	64	0	30	42	818	336	844	98	19	2	0	0	0	0	1	5	7	12	0	0	2	26	70	390	296	27	0	104	126	580	452	4351
63918	64283	2055	2056	64	0	30	42	819	336	845	98	19	2	0	0	0	0	1	5	7	12	0	0	2	26	71	391	296	27	0	104	126	581	453	4359
64283	64649	2056	2057	64	0	30	42	820	337	846	98	19	2	0	0	0	0	1	6	7	12	0	0	2	26	71	392	297	27	0	104	126	583	455	4366
64649	65014	2057	2058	65	0	30	42	821	337	847	98	19	2	0	0	0	0	1	6	7	12	0	0	2	26	71	393	298	27	0	104	127	584	456	4374
65014	65379	2058	2059	65	0	30	42	822	337	848	98	19	2	0	0	0	0	1	6	7	12	0	0	2	26	71	394	298	27	0	105	127	585	457	4381
65379	65744	2059	2060	65	0	30	42	823	338	849	98	19	2	0	0	0	0	1	6	7	12	0	0	2	26	71	394	299	27	0	105	127	586	458	4388
65744	66110	2060	2061	65	0	30	42	824	338	850	98	19	2	0	0	0	0	1	6	7	13	0	0	2	26	72	395	300	27	0	105	127	587	459	4394
66110	66475	2061	2062	65	0	30	43	825	338	850	99	19	2	0	0	0	0	1	6	7	13	0	0	2	26	72	396	300	27	0	105	128	588	460	4400
66475	66840	2062	2063	65	0	30	43	826	339	851	99	19	2	0	0	0	0	1	6	7	13	0	0	2	26	72	397	301	27	0	105	128	588	461	4406
66840	67205	2063	2064	65	0	30	43	827	339	852	99	19	2	0	0	0	0	1	6	7	13	0	0	2	26	72	397	301	27	0	105	128	589	461	4412
67205	67571	2064	2065	65	0	30	43	828	339	852	99	19	2	0	0	0	0	1	6	8	13	0	0	2	26	72	398	302	27	0	105	128	590	462	4418

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (S3A model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																																
67571	67936	2065	2066	65	0	30	43	828	340	853	99	19	2	0	0	0	0	1	6	8	13	0	0	2	26	72	399	302	27	0	105	128	591	463	4423
67936	68301	2066	2067	65	0	30	43	829	340	853	99	19	2	0	0	0	0	1	6	8	13	0	0	2	26	72	399	302	27	0	105	128	592	464	4428
68301	68666	2067	2068	66	0	30	43	830	340	854	99	19	2	0	0	0	0	1	6	8	13	0	0	2	26	72	400	303	27	0	106	129	592	465	4433
68666	69032	2068	2069	66	0	30	43	830	340	855	99	20	2	0	0	0	0	1	6	8	13	0	0	2	26	73	400	303	27	0	106	129	593	465	4437
69032	69397	2069	2070	66	0	30	43	831	341	855	99	20	2	0	0	0	0	1	6	8	13	0	0	2	26	73	401	304	27	0	106	129	594	466	4442
69397	69762	2070	2071	66	0	30	43	832	341	856	100	20	2	0	0	0	0	1	6	8	13	0	0	2	26	73	402	304	27	0	106	129	594	467	4446
69762	70127	2071	2072	66	0	30	43	832	341	856	100	20	2	0	0	0	0	1	6	8	13	0	0	2	27	73	402	305	28	0	106	129	595	467	4450
70127	70493	2072	2073	66	0	31	43	833	341	857	100	20	2	0	0	0	0	1	6	8	13	0	0	2	27	73	403	305	28	0	106	129	596	468	4454
70493	70858	2073	2074	66	0	31	43	833	342	857	100	20	2	0	0	0	0	1	6	8	13	0	0	2	27	73	403	305	28	0	106	129	596	469	4458
70858	71223	2074	2075	66	0	31	43	834	342	857	100	20	2	0	0	0	0	1	6	8	13	0	0	2	27	73	403	306	28	0	106	130	597	469	4462
71223	71588	2075	2076	66	0	31	43	834	342	858	100	20	2	0	0	0	0	1	6	8	13	0	0	2	27	73	404	306	28	0	106	130	597	470	4466
71588	71954	2076	2077	66	0	31	43	835	342	858	100	20	2	0	0	0	0	1	6	8	13	0	0	2	27	73	404	306	28	0	106	130	598	470	4469
71954	72319	2077	2078	66	0	31	43	835	342	859	100	20	2	0	0	0	0	1	6	8	13	0	0	2	27	73	405	307	28	0	106	130	598	471	4473
72319	72684	2078	2079	66	0	31	43	836	343	859	100	20	2	0	0	0	0	1	6	8	13	0	0	2	27	73	405	307	28	0	107	130	599	471	4476
72684	73049	2079	2080	66	0	31	43	836	343	859	100	20	2	0	0	0	0	1	6	8	13	0	0	2	27	74	406	307	28	0	107	130	599	472	4479
73049	73415	2080	2081	66	0	31	44	837	343	860	100	20	2	0	0	0	0	1	6	8	13	0	0	2	27	74	406	307	28	0	107	130	600	472	4482
73415	73780	2081	2082	66	0	31	44	837	343	860	100	20	2	0	0	0	0	1	6	8	13	0	0	2	27	74	406	308	28	0	107	130	600	473	4485
73780	74145	2082	2083	66	0	31	44	838	343	860	100	20	2	0	0	0	0	1	6	8	13	0	0	2	27	74	407	308	28	0	107	130	600	473	4488
74145	74510	2083	2084	66	0	31	44	838	343	861	100	20	2	0	0	0	0	1	6	8	13	0	0	2	27	74	407	308	28	0	107	130	601	474	4491
74510	74876	2084	2085	66	0	31	44	838	344	861	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	74	407	308	28	0	107	131	601	474	4494
74876	75241	2085	2086	67	0	31	44	839	344	861	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	74	408	309	28	0	107	131	602	475	4497
75241	75606	2086	2087	67	0	31	44	839	344	862	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	74	408	309	28	0	107	131	602	475	4499
75606	75971	2087	2088	67	0	31	44	839	344	862	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	74	408	309	28	0	107	131	602	476	4502
75971	76337	2088	2089	67	0	31	44	840	344	862	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	74	409	309	28	0	107	131	603	476	4504
76337	76702	2089	2090	67	0	31	44	840	344	863	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	74	409	310	28	0	107	131	603	476	4507
76702	77067	2090	2091	67	0	31	44	840	344	863	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	74	409	310	28	0	107	131	603	477	4509
77067	77432	2091	2092	67	0	31	44	841	344	863	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	74	409	310	28	0	107	131	604	477	4511
77432	77798	2092	2093	67	0	31	44	841	345	863	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	74	410	310	28	0	107	131	604	478	4513
77798	78163	2093	2094	67	0	31	44	841	345	864	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	74	410	310	28	0	107	131	604	478	4516
78163	78528	2094	2095	67	0	31	44	842	345	864	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	74	410	311	28	0	107	131	605	478	4518
78528	78893	2095	2096	67	0	31	44	842	345	864	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	74	410	311	28	0	107	131	605	479	4520
78893	79259	2096	2097	67	0	31	44	842	345	864	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	75	411	311	28	0	107	131	605	479	4522
79259	79624	2097	2098	67	0	31	44	842	345	865	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	75	411	311	28	0	108	132	605	479	4524
79624	79989	2098	2099	67	0	31	44	843	345	865	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	75	411	311	28	0	108	132	606	480	4526
79989	80354	2099	2100	67	0	31	44	843	345	865	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	75	411	311	28	0	108	132	606	480	4528
80354	80719	2100	2101	67	0	31	44	843	345	865	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	75	412	312	28	0	108	132	606	480	4529
80719	81084	2101	2102	67	0	31	44	843	346	865	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	75	412	312	28	0	108	132	607	480	4531
81084	81449	2102	2103	67	0	31	44	844	346	866	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	75	412	312	28	0	108	132	607	481	4533
81449	81814	2103	2104	67	0	31	44	844	346	866	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	75	412	312	28	0	108	132	607	481	4535
81814	82180	2104	2105	67	0	31	44	844	346	866	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	75	412	312	28	0	108	132	607	481	4536
82180	82545	2105	2106	67	0	31	44	844	346	866	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	75	413	312	28	0	108	132	607	482	4538
82545	82910	2106	2107	67	0	31	44	845	346	866	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	75	413	313	28	0	108	132	608	482	4539
82910	83275	2107	2108	67	0	31	44	845	346	866	101	20	2	0	0	0	0	1	6	8	13	0	0	2	27	75	413	313	28	0	108	132	608	482	4541
83275	83641	2108	2109	67	0	31	44	845	346	867	102	20	2	0	0	0	0	1	6	8	13	0	0	2	27	75	413	313	28	0	108	132	608	482	4542
83641	84006	2109	2110	67	0	31	44	845	346	867	102	20	2	0	0	0	0	1	6	8	13	0	0	2	27	75	413	313	28	0	108	132	608	483	4544
84006	84371	2110	2111	67	0	31	44	845	346	867	102	20	2	0	0	0	0	1	6	8	13	0	0	2	27	75	414	313	28	0	108	132	609	483	4545
84371	84736	2111	2112	67	0	31	44	846	346	867	102	20	2	0	0	0	0	1	6	8	13	0	0	2	27	75	414	313	28	0	108	132	609	483	4547
84736	85102	2112	2113	67	0	31	44	846	346	867	102	20	2	0	0	0	0	1	6	8	13	0	0	2	27	75	414	313	28	0	108	132	609	483	4548
85102	85467	2113	2114	67	0	31	44	846	347	867	102	20	2	0	0	0	0	1	6	8	13	0	0	2	27	75	414	313	28	0	108	132	609	484	4549

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (S3A model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																																
0	1	1880	1880	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
1	1827	1880	1885	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
1827	3653	1885	1890	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
3653	5479	1890	1895	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
5479	7305	1895	1900	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
7305	9131	1900	1905	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
9131	10957	1905	1910	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
10957	12783	1910	1915	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
12783	14609	1915	1920	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
14609	16436	1920	1925	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
16436	18262	1925	1930	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
18262	20088	1930	1935	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
20088	21914	1935	1940	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
21914	23741	1940	1945	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
23741	25567	1945	1950	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
25567	27393	1950	1955	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
27393	29219	1955	1960	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
29219	31046	1960	1965	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.2	0.4	2.3
31046	32872	1965	1970	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.2	0.4	2.4
32872	34698	1970	1975	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.3	0.0	0.0	0.0	0.0	1.7	0.4	6.5
34698	36524	1975	1980	0.0	0.0	0.0	0.0	0.7	0.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.3	0.5	0.0	0.0	0.0	0.0	2.3	0.4	8.4
36524	37255	1980	1982	0.0	0.0	0.0	0.0	1.7	0.8	3.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	4.6	0.9	0.1	0.0	0.7	0.1	3.7	0.4	16.8
37255	37985	1982	1984	0.0	0.0	0.0	0.1	1.9	0.9	3.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.1	0.1	0.0	0.7	0.1	4.4	0.4	19.2
37985	38351	1984	1985	0.0	0.0	0.0	0.1	2.0	0.9	3.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.1	0.1	0.0	0.7	0.2	4.4	0.4	19.5
38351	38716	1985	1986	0.0	0.0	0.0	0.1	3.8	1.4	5.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.2	0.1	0.0	0.7	0.2	4.7	0.4	23.8
38716	39446	1986	1988	0.0	0.0	0.0	0.2	5.3	1.9	7.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	5.1	1.2	0.1	0.0	0.7	0.2	5.4	0.5	28.6
39446	39812	1988	1989	0.0	0.0	0.0	0.2	5.7	2.0	7.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	5.1	1.2	0.1	0.0	0.7	0.3	5.5	0.5	29.6
39812	40177	1989	1990	0.0	0.0	0.0	0.2	5.9	2.1	7.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.5	5.0	1.2	0.1	0.0	0.7	0.3	5.7	0.5	30.4
40177	40542	1990	1991	0.1	0.0	0.0	0.2	6.4	2.4	10.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.6	6.1	1.5	0.1	0.0	0.7	0.3	6.1	1.3	37.2
40542	40907	1991	1992	0.2	0.0	0.1	0.2	6.7	2.5	10.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.7	6.5	1.7	0.1	0.0	0.8	0.3	6.6	1.5	39.8
40907	41273	1992	1993	0.2	0.0	0.1	0.3	6.9	2.6	11.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.8	6.9	1.8	0.2	0.0	0.8	0.4	7.0	1.6	41.5
41273	41638	1993	1994	0.2	0.0	0.1	0.3	7.1	2.7	11.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.8	7.1	1.9	0.2	0.0	0.8	0.4	7.3	1.6	42.7
41638	42003	1994	1995	0.2	0.0	0.1	0.3	7.2	2.7	11.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.3	2.0	0.2	0.0	0.8	0.4	7.5	1.7	43.7
42003	42368	1995	1996	0.2	0.0	0.1	0.3	7.9	2.9	11.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.4	2.1	0.2	0.0	0.8	0.4	7.7	2.1	45.9
42368	42734	1996	1997	0.2	0.0	0.1	0.3	8.1	2.9	11.9	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	1.0	7.5	2.1	0.2	0.0	0.9	0.4	7.8	2.2	46.8
42734	43099	1997	1998	0.3	0.0	0.1	0.3	8.2	3.0	12.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	1.0	7.6	2.1	0.2	0.0	0.9	0.5	8.0	2.2	47.5
43099	43464	1998	1999	0.3	0.0	0.1	0.3	8.3	3.0	12.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	1.0	7.7	2.2	0.2	0.0	0.9	0.5	8.1	2.3	48.0
43464	43829	1999	2000	0.3	0.0	0.1	0.3	8.3	3.0	12.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	1.0	7.8	2.2	0.2	0.0	0.9	0.5	8.2	2.3	48.5
43829	44195	2000	2001	0.3	0.0	0.1	0.4	8.9	3.1	12.4	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.3	1.1	8.2	2.8	0.2	0.0	0.9	0.5	8.4	2.3	50.9
44195	44560	2001	2002	0.3	0.0	0.1	0.4	9.3	3.2	12.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.1	8.5	3.1	0.2	0.0	1.0	0.5	8.7	2.4	52.7
44560	44925	2002	2003	0.3	0.0	0.1	0.4	9.5	3.3	12.9	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.2	8.7	3.2	0.2	0.0	1.0	0.5	8.9	2.4	53.9
44925	45290	2003	2004	0.3	0.0	0.1	0.4	9.7	3.4	13.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.2	8.8	3.2	0.2	0.0	1.0	0.5	9.0	2.5	54.8
45290	45656	2004	2005	0.3	0.0	0.1	0.4	9.9	3.4	13.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.2	9.0	3.3	0.2	0.0	1.0	0.5	9.2	2.5	55.6
45656	46021	2005	2006	0.3	0.0	0.1	0.4	10.1	3.5	13.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.3	9.1	3.3	0.2	0.0	1.0	0.5	9.3	2.6	56.6
46021	46386	2006	2007	0.3	0.0	0.1	0.4	10.4	3.5	13.6	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.3	9.1	3.3	0.2	0.0	1.0	0.5	9.5	2.6	57.7
46386	46751	2007	2008	0.3	0.0	0.1	0.5	10.6	3.6	13.7	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.3	9.2	3.4	0.2	0.0	1.1	0.6	9.7	2.7	58.6
46751	47117	2008	2009	0.4	0.0	0.1	0.5	10.7	3.7	13.9	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.4	9.3	3.4	0.2	0.0	1.1	0.6	9.9	2.8	59.5
47117	47482	2009	2010	0.4	0.0	0.1	0.5	10.9	3.7	14.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.4	9.4	3.4	0.2	0.0	1.1	0.6	10.0	2.8	60.2
47482	47847	2010	2011	0.4	0.0	0.1	0.5	11.0	3.7	14.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.4	9.5	3.4	0.3	0.0	1.1	0.6	10.1	2.9	60.7
47847	48212	2011	2012	0.4	0.0	0.2	0.5	11.1	3.8	14.2	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.4	9.6	3.5	0.3	0.0	1.1	0.6	10.2	2.9	61.3
48212	48578	2012	2013	0.4	0.0	0.2	0.5	11.1	3.8	14.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.4	9.6	3.5	0.3	0.0	1.1	0.6	10.3	2.9	61.7
48578	48943	2013	2014	0.4	0.0	0.2	0.5	11.2	3.8	14.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.5	9.7	3.5	0.3	0.0	1.1	0.6	10.4	2.9	62.1

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S3A model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																																
48943	49308	2014	2015	0.4	0.0	0.2	0.5	11.3	3.8	14.4	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.5	9.7	3.5	0.3	0.0	1.1	0.6	10.5	3.0	62.5
49308	49673	2015	2016	0.4	0.0	0.2	0.5	11.3	3.8	14.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.5	9.8	3.6	0.3	0.0	1.2	0.6	10.6	3.0	63.0
49673	50039	2016	2017	0.4	0.0	0.2	0.5	11.4	3.9	14.6	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.5	9.9	3.7	0.3	0.0	1.2	0.6	10.8	3.0	63.8
50039	50404	2017	2018	0.4	0.0	0.2	0.5	11.5	3.9	14.7	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.6	10.1	3.8	0.3	0.0	1.3	0.6	11.0	3.0	64.8
50404	50769	2018	2019	0.4	0.0	0.2	0.5	11.6	3.9	14.8	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.6	10.3	3.9	0.3	0.0	1.3	0.7	11.2	3.0	65.7
50769	51134	2019	2020	0.4	0.0	0.2	0.5	11.6	4.0	14.9	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.6	1.7	10.5	4.1	0.3	0.0	1.3	0.7	11.4	3.1	66.5
51134	51500	2020	2021	0.4	0.0	0.2	0.6	12.0	4.1	15.2	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.6	1.7	10.8	4.4	0.4	0.0	1.5	0.7	11.6	3.1	68.6
51500	51865	2021	2022	0.4	0.0	0.2	0.6	12.4	4.2	15.7	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.6	1.8	11.1	4.7	0.4	0.0	1.6	0.7	11.9	3.1	70.8
51865	52230	2022	2023	0.4	0.0	0.2	0.6	12.7	4.3	16.0	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.6	1.8	11.4	4.9	0.4	0.0	1.7	0.7	12.3	3.1	72.6
52230	52595	2023	2024	0.4	0.0	0.2	0.6	12.9	4.4	16.3	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.0	0.6	1.9	11.6	5.0	0.4	0.0	1.7	0.7	12.6	3.1	74.2
52595	52961	2024	2025	0.4	0.0	0.2	0.6	13.1	4.5	16.5	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.0	0.7	1.9	11.9	5.2	0.4	0.0	1.8	0.8	12.9	3.2	75.6
52961	53326	2025	2026	0.4	0.0	0.2	0.6	13.4	4.7	17.7	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.0	0.7	2.0	12.1	5.3	0.4	0.0	1.8	0.8	13.3	3.2	78.4
53326	53691	2026	2027	0.5	0.0	0.2	0.6	13.7	4.8	18.1	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.0	0.7	2.1	12.3	5.3	0.4	0.0	1.8	0.8	13.7	3.2	80.3
53691	54056	2027	2028	0.5	0.0	0.2	0.7	14.0	4.9	18.5	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.0	0.7	2.1	12.6	5.4	0.5	0.0	1.8	0.8	14.0	3.3	81.9
54056	54422	2028	2029	0.5	0.0	0.2	0.7	14.2	5.0	18.7	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.2	12.8	5.5	0.5	0.0	1.9	0.9	14.3	3.3	83.3
54422	54787	2029	2030	0.5	0.0	0.2	0.7	14.4	5.1	18.9	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.2	12.9	5.6	0.5	0.0	1.9	0.9	14.6	3.4	84.5
54787	55152	2030	2031	0.5	0.0	0.2	0.7	14.6	5.1	19.1	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.1	0.8	2.3	13.1	5.6	0.5	0.0	1.9	0.9	14.8	3.4	85.6
55152	55517	2031	2032	0.5	0.0	0.2	0.7	14.8	5.2	19.3	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.1	0.8	2.3	13.3	5.7	0.5	0.0	1.9	0.9	15.0	3.4	86.7
55517	55883	2032	2033	0.5	0.0	0.2	0.7	14.9	5.2	19.4	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.1	0.8	2.4	13.4	5.7	0.5	0.0	1.9	0.9	15.2	3.5	87.6
55883	56248	2033	2034	0.5	0.0	0.2	0.7	15.0	5.3	19.5	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.1	0.9	2.4	13.6	5.8	0.5	0.0	1.9	0.9	15.4	3.5	88.4
56248	56613	2034	2035	0.5	0.0	0.2	0.7	15.1	5.3	19.7	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.1	0.9	2.4	13.7	5.8	0.5	0.0	1.9	1.0	15.5	3.6	89.2
56613	56978	2035	2036	0.5	0.0	0.2	0.8	15.2	5.3	19.8	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.1	0.9	2.5	13.9	5.9	0.5	0.0	1.9	1.0	15.7	3.6	89.8
56978	57344	2036	2037	0.5	0.0	0.2	0.8	15.3	5.4	19.8	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.0	0.0	0.1	0.9	2.5	14.0	5.9	0.5	0.0	1.9	1.0	15.8	3.6	90.5
57344	57709	2037	2038	0.5	0.0	0.2	0.8	15.4	5.4	19.9	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.0	0.0	0.1	0.9	2.5	14.1	6.0	0.5	0.0	1.9	1.0	15.9	3.6	91.1
57709	58074	2038	2039	0.5	0.0	0.2	0.8	15.5	5.4	20.0	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.0	0.0	0.1	0.9	2.5	14.2	6.0	0.5	0.0	2.0	1.0	16.0	3.7	91.6
58074	58439	2039	2040	0.5	0.0	0.2	0.8	15.5	5.4	20.1	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	0.9	2.6	14.3	6.0	0.5	0.0	2.0	1.0	16.1	3.7	92.1
58439	58805	2040	2041	0.5	0.0	0.2	0.8	15.6	5.5	20.1	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	0.9	2.6	14.4	6.1	0.5	0.0	2.0	1.0	16.2	3.7	92.5
58805	59170	2041	2042	0.5	0.0	0.2	0.8	15.7	5.5	20.2	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	0.9	2.6	14.5	6.1	0.5	0.0	2.0	1.0	16.3	3.7	92.9
59170	59535	2042	2043	0.5	0.0	0.2	0.8	15.7	5.5	20.2	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	0.9	2.6	14.5	6.1	0.5	0.0	2.0	1.0	16.4	3.8	93.3
59535	59900	2043	2044	0.5	0.0	0.2	0.8	15.8	5.5	20.3	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	0.9	2.6	14.6	6.2	0.5	0.0	2.0	1.0	16.4	3.8	93.7
59900	60266	2044	2045	0.5	0.0	0.2	0.8	15.8	5.5	20.3	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.6	14.7	6.2	0.5	0.0	2.0	1.0	16.5	3.8	94.1
60266	60631	2045	2046	0.5	0.0	0.2	0.8	15.9	5.5	20.4	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.7	14.7	6.2	0.5	0.0	2.0	1.0	16.6	3.8	94.4
60631	60996	2046	2047	0.5	0.0	0.2	0.8	15.9	5.5	20.4	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.7	14.8	6.2	0.5	0.0	2.0	1.0	16.6	3.8	94.7
60996	61361	2047	2048	0.5	0.0	0.3	0.8	15.9	5.6	20.5	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.7	14.9	6.3	0.5	0.0	2.0	1.0	16.7	3.9	95.0
61361	61727	2048	2049	0.6	0.0	0.3	0.8	16.0	5.6	20.5	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.7	14.9	6.3	0.5	0.0	2.0	1.0	16.7	3.9	95.2
61727	62092	2049	2050	0.6	0.0	0.3	0.8	16.0	5.6	20.5	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.7	15.0	6.3	0.5	0.0	2.0	1.0	16.8	3.9	95.5
62092	62457	2050	2051	0.6	0.0	0.3	0.8	16.0	5.6	20.6	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.7	15.0	6.3	0.5	0.0	2.0	1.0	16.8	3.9	95.7
62457	62822	2051	2052	0.6	0.0	0.3	0.8	16.1	5.6	20.6	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.7	15.1	6.3	0.5	0.0	2.0	1.0	16.9	3.9	95.9
62822	63188	2052	2053	0.6	0.0	0.3	0.8	16.1	5.6	20.6	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.7	15.1	6.4	0.5	0.0	2.0	1.1	16.9	3.9	96.2
63188	63553	2053	2054	0.6	0.0	0.3	0.8	16.1	5.6	20.6	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.7	15.2	6.4	0.5	0.0	2.0	1.1	17.0	3.9	96.4
63553	63918	2054	2055	0.6	0.0	0.3	0.8	16.1	5.6	20.7	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.7	15.2	6.4	0.5	0.0	2.0	1.1	17.0	3.9	96.6
63918	64283	2055	2056	0.6	0.0	0.3	0.8	16.2	5.6	20.7	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.8	15.2	6.4	0.5	0.0	2.0	1.1	17.0	3.9	96.7
64283	64649	2056	2057	0.6	0.0	0.3	0.8	16.2	5.6	20.7	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.8	15.3	6.4	0.5	0.0	2.0	1.1	17.1	4.0	96.9
64649	65014	2057	2058	0.6	0.0	0.3	0.8	16.2	5.6	20.7	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.8	15.3	6.4	0.5	0.0	2.0	1.1	17.1	4.0	97.1
65014	65379	2058	2059	0.6	0.0	0.3	0.8	16.2	5.7	20.8	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.8	15.3	6.4	0.5	0.0	2.0	1.1	17.1	4.0	97.2
65379	65744	2059	2060	0.6	0.0	0.3	0.8	16.2	5.7	20.8	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.8	15.4	6.5	0.5	0.0	2.1	1.1	17.2	4.0	97.4
65744	66110	2060	2061	0.6	0.0	0.3	0.8	16.3	5.7	20.8	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.8	15.4	6.5	0.5	0.0	2.1	1.1	17.2	4.0	97.5
66110	66475	2061	2062	0.6	0.0	0.3	0.8	16.3	5.7	20.8	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.8	15.4	6.5	0.5	0.0	2.1	1.1	17.2	4.0	97.7
66475	66840	2062	2063	0.6	0.0	0.3	0.8	16.3	5.7	20.8	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.8	15.5	6.5	0.5	0.0	2.1	1.1	17.2	4.0	97.8
66840	67205	2063	2064	0.6	0.0	0.3	0.8	16.3	5.7	20.9	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.8	15.5	6.5	0.5	0.0	2.1	1.1	17.3	4.0	97.9
67205	67571	2064	2065	0.6	0.0	0.3	0.8	16.3	5.7	20.9	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.8	15.5	6.5	0.5	0.0	2.1	1.1	17.3	4.0	98.1

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S3A model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																																
67571	67936	2065	2066	0.6	0.0	0.3	0.8	16.3	5.7	20.9	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.8	15.5	6.5	0.5	0.0	2.1	1.1	17.3	4.0	98.2
67936	68301	2066	2067	0.6	0.0	0.3	0.8	16.3	5.7	20.9	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.8	15.6	6.5	0.5	0.0	2.1	1.1	17.3	4.0	98.3
68301	68666	2067	2068	0.6	0.0	0.3	0.8	16.4	5.7	20.9	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.8	15.6	6.5	0.5	0.0	2.1	1.1	17.4	4.0	98.4
68666	69032	2068	2069	0.6	0.0	0.3	0.8	16.4	5.7	20.9	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.8	15.6	6.6	0.5	0.0	2.1	1.1	17.4	4.1	98.5
69032	69397	2069	2070	0.6	0.0	0.3	0.8	16.4	5.7	20.9	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.8	15.6	6.6	0.5	0.0	2.1	1.1	17.4	4.1	98.6
69397	69762	2070	2071	0.6	0.0	0.3	0.8	16.4	5.7	20.9	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.8	15.7	6.6	0.5	0.0	2.1	1.1	17.4	4.1	98.7
69762	70127	2071	2072	0.6	0.0	0.3	0.9	16.4	5.7	21.0	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.8	15.7	6.6	0.5	0.0	2.1	1.1	17.4	4.1	98.8
70127	70493	2072	2073	0.6	0.0	0.3	0.9	16.4	5.7	21.0	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.8	15.7	6.6	0.5	0.0	2.1	1.1	17.4	4.1	98.9
70493	70858	2073	2074	0.6	0.0	0.3	0.9	16.4	5.7	21.0	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.8	15.7	6.6	0.5	0.0	2.1	1.1	17.5	4.1	99.0
70858	71223	2074	2075	0.6	0.0	0.3	0.9	16.4	5.7	21.0	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.9	15.7	6.6	0.5	0.0	2.1	1.1	17.5	4.1	99.1
71223	71588	2075	2076	0.6	0.0	0.3	0.9	16.5	5.7	21.0	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.9	15.7	6.6	0.5	0.0	2.1	1.1	17.5	4.1	99.1
71588	71954	2076	2077	0.6	0.0	0.3	0.9	16.5	5.7	21.0	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.9	15.8	6.6	0.5	0.0	2.1	1.1	17.5	4.1	99.2
71954	72319	2077	2078	0.6	0.0	0.3	0.9	16.5	5.7	21.0	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.9	15.8	6.6	0.5	0.0	2.1	1.1	17.5	4.1	99.3
72319	72684	2078	2079	0.6	0.0	0.3	0.9	16.5	5.7	21.0	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.9	15.8	6.6	0.5	0.0	2.1	1.1	17.5	4.1	99.4
72684	73049	2079	2080	0.6	0.0	0.3	0.9	16.5	5.7	21.0	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.9	15.8	6.6	0.5	0.0	2.1	1.1	17.6	4.1	99.4
73049	73415	2080	2081	0.6	0.0	0.3	0.9	16.5	5.7	21.1	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.9	15.8	6.6	0.5	0.0	2.1	1.1	17.6	4.1	99.5
73415	73780	2081	2082	0.6	0.0	0.3	0.9	16.5	5.7	21.1	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.9	15.8	6.6	0.5	0.0	2.1	1.1	17.6	4.1	99.6
73780	74145	2082	2083	0.6	0.0	0.3	0.9	16.5	5.8	21.1	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.9	15.9	6.7	0.5	0.0	2.1	1.1	17.6	4.1	99.6
74145	74510	2083	2084	0.6	0.0	0.3	0.9	16.5	5.8	21.1	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.9	15.9	6.7	0.5	0.0	2.1	1.1	17.6	4.1	99.7
74510	74876	2084	2085	0.6	0.0	0.3	0.9	16.5	5.8	21.1	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	15.9	6.7	0.5	0.0	2.1	1.1	17.6	4.1	99.8
74876	75241	2085	2086	0.6	0.0	0.3	0.9	16.5	5.8	21.1	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	15.9	6.7	0.5	0.0	2.1	1.1	17.6	4.1	99.8
75241	75606	2086	2087	0.6	0.0	0.3	0.9	16.5	5.8	21.1	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	15.9	6.7	0.5	0.0	2.1	1.1	17.6	4.1	99.9
75606	75971	2087	2088	0.6	0.0	0.3	0.9	16.6	5.8	21.1	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	15.9	6.7	0.5	0.0	2.1	1.1	17.6	4.1	99.9
75971	76337	2088	2089	0.6	0.0	0.3	0.9	16.6	5.8	21.1	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	15.9	6.7	0.5	0.0	2.1	1.1	17.7	4.1	100.0
76337	76702	2089	2090	0.6	0.0	0.3	0.9	16.6	5.8	21.1	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	15.9	6.7	0.5	0.0	2.1	1.1	17.7	4.1	100.0
76702	77067	2090	2091	0.6	0.0	0.3	0.9	16.6	5.8	21.1	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.0	6.7	0.5	0.0	2.1	1.1	17.7	4.2	100.1
77067	77432	2091	2092	0.6	0.0	0.3	0.9	16.6	5.8	21.1	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.0	6.7	0.5	0.0	2.1	1.1	17.7	4.2	100.1
77432	77798	2092	2093	0.6	0.0	0.3	0.9	16.6	5.8	21.1	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.0	6.7	0.5	0.0	2.1	1.1	17.7	4.2	100.2
77798	78163	2093	2094	0.6	0.0	0.3	0.9	16.6	5.8	21.1	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.0	6.7	0.5	0.0	2.1	1.1	17.7	4.2	100.2
78163	78528	2094	2095	0.6	0.0	0.3	0.9	16.6	5.8	21.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.0	6.7	0.5	0.0	2.1	1.1	17.7	4.2	100.3
78528	78893	2095	2096	0.6	0.0	0.3	0.9	16.6	5.8	21.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.0	6.7	0.5	0.0	2.1	1.1	17.7	4.2	100.3
78893	79259	2096	2097	0.6	0.0	0.3	0.9	16.6	5.8	21.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.0	6.7	0.6	0.0	2.1	1.1	17.7	4.2	100.4
79259	79624	2097	2098	0.6	0.0	0.3	0.9	16.6	5.8	21.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.0	6.7	0.6	0.0	2.1	1.1	17.7	4.2	100.4
79624	79989	2098	2099	0.6	0.0	0.3	0.9	16.6	5.8	21.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.0	6.7	0.6	0.0	2.1	1.1	17.7	4.2	100.5
79989	80354	2099	2100	0.6	0.0	0.3	0.9	16.6	5.8	21.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.0	6.7	0.6	0.0	2.1	1.1	17.8	4.2	100.5
80354	80719	2100	2101	0.6	0.0	0.3	0.9	16.6	5.8	21.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.0	6.7	0.6	0.0	2.1	1.1	17.8	4.2	100.5
80719	81084	2101	2102	0.6	0.0	0.3	0.9	16.6	5.8	21.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.1	6.7	0.6	0.0	2.1	1.1	17.8	4.2	100.6
81084	81449	2102	2103	0.6	0.0	0.3	0.9	16.6	5.8	21.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.1	6.7	0.6	0.0	2.1	1.1	17.8	4.2	100.6
81449	81814	2103	2104	0.6	0.0	0.3	0.9	16.6	5.8	21.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.1	6.7	0.6	0.0	2.1	1.1	17.8	4.2	100.7
81814	82180	2104	2105	0.6	0.0	0.3	0.9	16.6	5.8	21.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.1	6.7	0.6	0.0	2.1	1.1	17.8	4.2	100.7
82180	82545	2105	2106	0.6	0.0	0.3	0.9	16.7	5.8	21.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.1	6.7	0.6	0.0	2.1	1.1	17.8	4.2	100.7
82545	82910	2106	2107	0.6	0.0	0.3	0.9	16.7	5.8	21.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.1	6.8	0.6	0.0	2.1	1.1	17.8	4.2	100.8
82910	83275	2107	2108	0.6	0.0	0.3	0.9	16.7	5.8	21.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.1	6.8	0.6	0.0	2.1	1.1	17.8	4.2	100.8
83275	83641	2108	2109	0.6	0.0	0.3	0.9	16.7	5.8	21.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.1	6.8	0.6	0.0	2.1	1.1	17.8	4.2	100.8
83641	84006	2109	2110	0.6	0.0	0.3	0.9	16.7	5.8	21.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.1	6.8	0.6	0.0	2.1	1.1	17.8	4.2	100.9
84006	84371	2110	2111	0.6	0.0	0.3	0.9	16.7	5.8	21.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.1	6.8	0.6	0.0	2.1	1.1	17.8	4.2	100.9
84371	84736	2111	2112	0.6	0.0	0.3	0.9	16.7	5.8	21.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.1	6.8	0.6	0.0	2.1	1.1	17.8	4.2	100.9
84736	85102	2112	2113	0.6	0.0	0.3	0.9	16.7	5.8	21.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.1	6.8	0.6	0.0	2.1	1.1	17.8	4.2	101.0
85102	85467	2113	2114	0.6	0.0	0.3	0.9	16.7	5.8	21.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	16.1	6.8	0.6	0.0	2.1	1.1	17.8	4.2	101.0

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S3A model)

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
0	1	1880	1880	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
1	1827	1880	1885	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
1827	3653	1885	1890	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
3653	5479	1890	1895	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
5479	7305	1895	1900	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
7305	9131	1900	1905	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
9131	10957	1905	1910	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
10957	12783	1910	1915	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
12783	14609	1915	1920	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
14609	16436	1920	1925	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
16436	18262	1925	1930	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
18262	20088	1930	1935	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
20088	21914	1935	1940	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
21914	23741	1940	1945	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
23741	25567	1945	1950	2722	1318	1230	588	149	62	133	89	96	85	66	17	4	95	13	0	0	72	6738
25567	27393	1950	1955	2722	1318	1230	590	153	62	135	89	96	86	67	17	4	98	13	0	0	74	6756
27393	29219	1955	1960	2722	1318	1230	591	154	62	136	89	96	86	67	17	4	99	14	0	0	75	6761
29219	31046	1960	1965	2722	1318	1230	588	152	62	132	89	96	85	66	17	4	98	14	0	0	74	6747
31046	32872	1965	1970	2722	1318	1230	588	153	62	133	89	96	85	66	17	4	98	14	0	0	74	6748
32872	34698	1970	1975	2722	1318	1230	588	153	62	133	89	96	85	66	17	4	98	14	0	0	74	6749
34698	36524	1975	1980	2722	1318	1230	586	151	62	129	89	95	84	65	17	4	97	14	0	0	72	6734
36524	37255	1980	1982	2722	1318	1230	586	151	62	129	89	95	84	66	17	4	98	14	0	0	73	6735
37255	37985	1982	1984	2722	1318	1230	586	151	62	129	89	95	84	66	17	4	98	14	0	0	73	6736
37985	38351	1984	1985	2722	1318	1230	584	150	62	128	88	95	84	65	17	4	98	14	0	0	72	6732
38351	38716	1985	1986	2722	1318	1230	584	150	62	127	88	95	84	65	17	4	98	14	0	0	72	6731
38716	39446	1986	1988	2722	1318	1230	584	150	62	127	88	95	84	65	17	4	99	14	0	0	73	6733
39446	39812	1988	1989	2722	1318	1230	584	150	62	127	88	95	84	65	17	4	100	15	0	0	73	6735
39812	40177	1989	1990	2722	1318	1230	584	150	62	128	88	95	84	66	17	4	100	15	0	0	74	6737
40177	40542	1990	1991	2722	1318	1230	585	157	63	144	91	98	91	75	18	5	126	26	0	0	96	6845
40542	40907	1991	1992	2722	1318	1230	588	166	64	158	93	101	98	82	19	6	142	29	0	0	108	6925
40907	41273	1992	1993	2722	1318	1230	590	172	64	165	94	102	100	86	19	6	150	31	0	0	114	6965
41273	41638	1993	1994	2722	1319	1230	591	175	65	168	95	103	102	87	20	7	156	33	0	0	117	6988
41638	42003	1994	1995	2722	1319	1230	592	176	65	170	95	103	102	88	20	7	159	34	0	0	119	7001
42003	42368	1995	1996	2722	1319	1230	593	177	65	172	96	104	104	90	20	7	176	43	0	0	130	7047
42368	42734	1996	1997	2722	1319	1230	593	179	65	175	96	105	106	94	21	8	189	48	0	0	138	7087
42734	43099	1997	1998	2722	1319	1230	594	180	66	178	97	105	108	96	21	8	197	51	0	0	143	7114
43099	43464	1998	1999	2722	1319	1230	594	181	66	180	97	106	109	97	21	8	202	52	0	0	146	7132
43464	43829	1999	2000	2722	1319	1230	595	182	66	181	97	106	109	98	21	8	206	54	0	0	148	7144
43829	44195	2000	2001	2722	1319	1230	595	183	66	182	98	106	110	99	21	9	209	55	0	0	150	7153
44195	44560	2001	2002	2722	1319	1230	595	183	66	183	98	107	110	99	22	9	211	56	0	0	151	7162
44560	44925	2002	2003	2722	1319	1230	596	184	66	184	98	107	110	100	22	9	213	57	0	0	153	7169
44925	45290	2003	2004	2722	1319	1230	596	184	66	184	98	107	111	100	22	9	215	58	0	0	154	7176
45290	45656	2004	2005	2722	1319	1230	596	184	66	185	98	107	111	101	22	9	218	59	0	0	155	7183
45656	46021	2005	2006	2722	1319	1230	597	185	66	185	98	107	111	101	22	9	220	60	0	0	157	7190
46021	46386	2006	2007	2722	1319	1230	597	185	66	185	98	107	111	102	22	9	222	61	0	0	158	7196
46386	46751	2007	2008	2723	1319	1231	597	185	66	186	99	107	112	102	22	9	224	62	0	0	159	7203
46751	47117	2008	2009	2723	1319	1231	597	186	67	186	99	108	112	102	22	9	226	64	0	0	160	7210
47117	47482	2009	2010	2723	1319	1231	597	186	67	187	99	108	112	103	22	9	228	65	0	0	161	7216
47482	47847	2010	2011	2723	1319	1231	597	186	67	187	99	108	113	103	23	9	230	65	0	0	163	7222
47847	48212	2011	2012	2723	1319	1231	598	186	67	187	99	108	113	103	23	10	232	66	0	0	164	7228
48212	48578	2012	2013	2723	1319	1231	598	187	67	188	99	108	113	104	23	10	234	67	0	0	165	7233
48578	48943	2013	2014	2723	1319	1231	598	187	67	188	99	108	113	104	23	10	235	68	0	0	165	7238

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
0	1	1880	1880	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
1	1827	1880	1885	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
1827	3653	1885	1890	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
3653	5479	1890	1895	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
5479	7305	1895	1900	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
7305	9131	1900	1905	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
9131	10957	1905	1910	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
10957	12783	1910	1915	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
12783	14609	1915	1920	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
14609	16436	1920	1925	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
16436	18262	1925	1930	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
18262	20088	1930	1935	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
20088	21914	1935	1940	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
21914	23741	1940	1945	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
23741	25567	1945	1950	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.0	1.8	1.4	0.4	0.1	2.0	0.3	0.0	0.0	2.0	24.8
25567	27393	1950	1955	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	25.0
27393	29219	1955	1960	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	25.1
29219	31046	1960	1965	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
31046	32872	1965	1970	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
32872	34698	1970	1975	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
34698	36524	1975	1980	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
36524	37255	1980	1982	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
37255	37985	1982	1984	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
37985	38351	1984	1985	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
38351	38716	1985	1986	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
38716	39446	1986	1988	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
39446	39812	1988	1989	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
39812	40177	1989	1990	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.8
40177	40542	1990	1991	3.7	1.8	1.7	0.8	0.6	1.4	3.2	1.9	2.1	2.0	1.6	0.4	0.1	2.7	0.6	0.0	0.0	2.7	27.1
40542	40907	1991	1992	3.7	1.8	1.7	0.8	0.6	1.4	3.5	2.0	2.2	2.1	1.8	0.4	0.1	3.0	0.6	0.0	0.0	3.0	28.7
40907	41273	1992	1993	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.1	1.8	0.4	0.1	3.2	0.7	0.0	0.0	3.2	29.5
41273	41638	1993	1994	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.1	3.3	0.7	0.0	0.0	3.3	29.9
41638	42003	1994	1995	3.7	1.8	1.7	0.8	0.7	1.4	3.8	2.0	2.2	2.2	1.9	0.4	0.1	3.4	0.7	0.0	0.0	3.3	30.1
42003	42368	1995	1996	3.7	1.8	1.7	0.8	0.7	1.4	3.8	2.0	2.2	2.2	1.9	0.4	0.2	3.7	0.9	0.0	0.0	3.6	31.2
42368	42734	1996	1997	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.0	1.0	0.0	0.0	3.9	32.0
42734	43099	1997	1998	3.7	1.8	1.7	0.8	0.7	1.5	4.0	2.1	2.3	2.3	2.0	0.4	0.2	4.2	1.1	0.0	0.0	4.0	32.6
43099	43464	1998	1999	3.7	1.8	1.7	0.8	0.7	1.5	4.0	2.1	2.3	2.3	2.1	0.5	0.2	4.3	1.1	0.0	0.0	4.1	33.0
43464	43829	1999	2000	3.7	1.8	1.7	0.8	0.7	1.5	4.0	2.1	2.3	2.3	2.1	0.5	0.2	4.4	1.1	0.0	0.0	4.1	33.2
43829	44195	2000	2001	3.7	1.8	1.7	0.8	0.7	1.5	4.1	2.1	2.3	2.3	2.1	0.5	0.2	4.5	1.2	0.0	0.0	4.2	33.4
44195	44560	2001	2002	3.7	1.8	1.7	0.8	0.7	1.5	4.1	2.1	2.3	2.3	2.1	0.5	0.2	4.5	1.2	0.0	0.0	4.2	33.6
44560	44925	2002	2003	3.7	1.8	1.7	0.8	0.7	1.5	4.1	2.1	2.3	2.4	2.1	0.5	0.2	4.6	1.2	0.0	0.0	4.3	33.7
44925	45290	2003	2004	3.7	1.8	1.7	0.8	0.7	1.5	4.1	2.1	2.3	2.4	2.1	0.5	0.2	4.6	1.2	0.0	0.0	4.3	33.9
45290	45656	2004	2005	3.7	1.8	1.7	0.8	0.7	1.5	4.1	2.1	2.3	2.4	2.2	0.5	0.2	4.6	1.3	0.0	0.0	4.3	34.0
45656	46021	2005	2006	3.7	1.8	1.7	0.8	0.7	1.5	4.1	2.1	2.3	2.4	2.2	0.5	0.2	4.7	1.3	0.0	0.0	4.4	34.2
46021	46386	2006	2007	3.7	1.8	1.7	0.8	0.7	1.5	4.1	2.1	2.3	2.4	2.2	0.5	0.2	4.7	1.3	0.0	0.0	4.4	34.3
46386	46751	2007	2008	3.7	1.8	1.7	0.8	0.7	1.5	4.1	2.1	2.3	2.4	2.2	0.5	0.2	4.8	1.3	0.0	0.0	4.4	34.5
46751	47117	2008	2009	3.7	1.8	1.7	0.8	0.7	1.5	4.1	2.1	2.3	2.4	2.2	0.5	0.2	4.8	1.4	0.0	0.0	4.5	34.6
47117	47482	2009	2010	3.7	1.8	1.7	0.8	0.7	1.5	4.2	2.1	2.3	2.4	2.2	0.5	0.2	4.9	1.4	0.0	0.0	4.5	34.7
47482	47847	2010	2011	3.7	1.8	1.7	0.8	0.7	1.5	4.2	2.1	2.3	2.4	2.2	0.5	0.2	4.9	1.4	0.0	0.0	4.5	34.9
47847	48212	2011	2012	3.7	1.8	1.7	0.8	0.7	1.5	4.2	2.1	2.3	2.4	2.2	0.5	0.2	5.0	1.4	0.0	0.0	4.6	35.0
48212	48578	2012	2013	3.7	1.8	1.7	0.8	0.7	1.5	4.2	2.1	2.3	2.4	2.2	0.5	0.2	5.0	1.4	0.0	0.0	4.6	35.1
48578	48943	2013	2014	3.7	1.8	1.7	0.8	0.7	1.5	4.2	2.1	2.3	2.4	2.2	0.5	0.2	5.0	1.4	0.0	0.0	4.6	35.2

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S3A model)

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
48943	49308	2014	2015	2723	1319	1231	598	187	67	189	99	108	113	104	23	10	237	68	0	0	166	7242
49308	49673	2015	2016	2723	1319	1231	598	187	67	189	99	108	114	105	23	10	238	69	0	0	167	7246
49673	50039	2016	2017	2723	1319	1231	598	188	67	189	99	108	114	105	23	10	239	70	0	0	168	7250
50039	50404	2017	2018	2723	1319	1231	599	188	67	190	99	109	114	105	23	10	241	70	0	0	168	7255
50404	50769	2018	2019	2723	1319	1231	599	188	67	190	99	109	114	105	23	10	242	71	0	0	169	7258
50769	51134	2019	2020	2723	1319	1231	599	188	67	190	100	109	114	106	23	10	243	71	0	0	170	7262
51134	51500	2020	2021	2723	1319	1231	599	188	67	190	100	109	114	106	23	10	244	72	0	0	170	7265
51500	51865	2021	2022	2723	1319	1231	599	189	67	191	100	109	115	106	23	10	245	72	0	0	171	7269
51865	52230	2022	2023	2723	1319	1231	599	189	67	191	100	109	115	106	23	10	246	73	0	0	172	7273
52230	52595	2023	2024	2723	1319	1231	599	189	67	191	100	109	115	106	24	10	247	73	0	0	172	7277
52595	52961	2024	2025	2723	1319	1231	600	189	67	192	100	109	115	107	24	10	249	74	0	0	173	7281
52961	53326	2025	2026	2723	1319	1231	600	189	67	192	100	109	115	107	24	10	250	75	0	0	174	7285
53326	53691	2026	2027	2723	1319	1231	600	190	67	192	100	109	116	107	24	10	252	75	0	0	175	7291
53691	54056	2027	2028	2723	1319	1231	600	190	67	192	100	110	116	108	24	10	254	77	0	0	176	7297
54056	54422	2028	2029	2723	1320	1231	600	190	68	193	100	110	116	108	24	11	256	78	0	0	177	7303
54422	54787	2029	2030	2723	1320	1231	600	190	68	193	100	110	116	109	24	11	258	79	0	0	178	7310
54787	55152	2030	2031	2723	1320	1231	601	191	68	194	101	110	117	109	24	11	261	80	0	0	180	7318
55152	55517	2031	2032	2723	1320	1231	601	191	68	194	101	110	117	109	24	11	263	81	0	0	181	7325
55517	55883	2032	2033	2723	1320	1231	601	191	68	195	101	110	117	110	25	11	266	82	0	0	182	7332
55883	56248	2033	2034	2723	1320	1231	601	191	68	195	101	110	118	110	25	11	268	83	0	0	184	7339
56248	56613	2034	2035	2723	1320	1231	601	192	68	196	101	111	118	111	25	11	270	84	0	0	185	7346
56613	56978	2035	2036	2723	1320	1231	601	192	68	196	101	111	118	111	25	11	272	85	0	0	186	7352
56978	57344	2036	2037	2723	1320	1231	602	192	68	197	101	111	118	112	25	11	274	86	0	0	187	7359
57344	57709	2037	2038	2724	1320	1231	602	193	68	197	101	111	119	112	25	11	276	87	0	0	189	7365
57709	58074	2038	2039	2724	1320	1231	602	193	68	197	102	111	119	112	25	11	278	88	0	0	190	7371
58074	58439	2039	2040	2724	1320	1231	602	193	68	198	102	111	119	113	25	12	280	89	0	0	191	7377
58439	58805	2040	2041	2724	1320	1231	602	194	68	198	102	111	119	113	25	12	282	89	0	0	192	7382
58805	59170	2041	2042	2724	1320	1231	603	194	68	199	102	112	120	113	25	12	283	90	0	0	193	7388
59170	59535	2042	2043	2724	1320	1231	603	194	68	199	102	112	120	114	26	12	285	91	0	0	194	7393
59535	59900	2043	2044	2724	1320	1231	603	195	68	200	102	112	120	114	26	12	286	92	0	0	194	7398
59900	60266	2044	2045	2724	1320	1231	603	195	68	200	102	112	120	114	26	12	288	92	0	0	195	7402
60266	60631	2045	2046	2724	1320	1231	604	195	69	200	102	112	121	115	26	12	289	93	0	0	196	7407
60631	60996	2046	2047	2724	1320	1231	604	195	69	201	102	112	121	115	26	12	290	93	0	0	197	7411
60996	61361	2047	2048	2724	1320	1231	604	196	69	201	102	112	121	115	26	12	292	94	0	0	198	7415
61361	61727	2048	2049	2724	1320	1231	604	196	69	201	102	112	121	115	26	12	293	94	0	0	198	7419
61727	62092	2049	2050	2724	1320	1231	604	196	69	202	103	112	121	116	26	12	294	95	0	0	199	7423
62092	62457	2050	2051	2724	1320	1231	605	196	69	202	103	112	121	116	26	12	295	95	0	0	200	7427
62457	62822	2051	2052	2724	1320	1231	605	197	69	202	103	113	122	116	26	12	296	96	0	0	200	7431
62822	63188	2052	2053	2724	1320	1231	605	197	69	203	103	113	122	116	26	12	297	96	0	0	201	7434
63188	63553	2053	2054	2724	1320	1231	605	197	69	203	103	113	122	116	26	12	298	97	0	0	201	7437
63553	63918	2054	2055	2724	1320	1231	605	197	69	203	103	113	122	117	26	12	299	97	0	0	202	7441
63918	64283	2055	2056	2724	1320	1231	606	198	69	204	103	113	122	117	26	12	300	97	0	0	202	7444
64283	64649	2056	2057	2724	1320	1231	606	198	69	204	103	113	122	117	26	12	301	98	0	0	203	7447
64649	65014	2057	2058	2724	1320	1231	606	198	69	204	103	113	122	117	26	12	302	98	0	0	203	7450
65014	65379	2058	2059	2724	1320	1231	606	198	69	204	103	113	123	117	26	12	303	98	0	0	204	7453
65379	65744	2059	2060	2724	1320	1231	606	198	69	205	103	113	123	118	26	13	303	99	0	0	204	7455
65744	66110	2060	2061	2724	1320	1231	606	199	69	205	103	113	123	118	26	13	304	99	0	0	205	7458
66110	66475	2061	2062	2724	1320	1231	607	199	69	205	103	113	123	118	27	13	305	99	0	0	205	7461
66475	66840	2062	2063	2724	1320	1231	607	199	69	205	103	113	123	118	27	13	306	100	0	0	206	7463
66840	67205	2063	2064	2724	1320	1231	607	199	69	205	103	113	123	118	27	13	306	100	0	0	206	7466
67205	67571	2064	2065	2724	1320	1231	607	199	69	206	103	113	123	118	27	13	307	100	0	0	207	7468

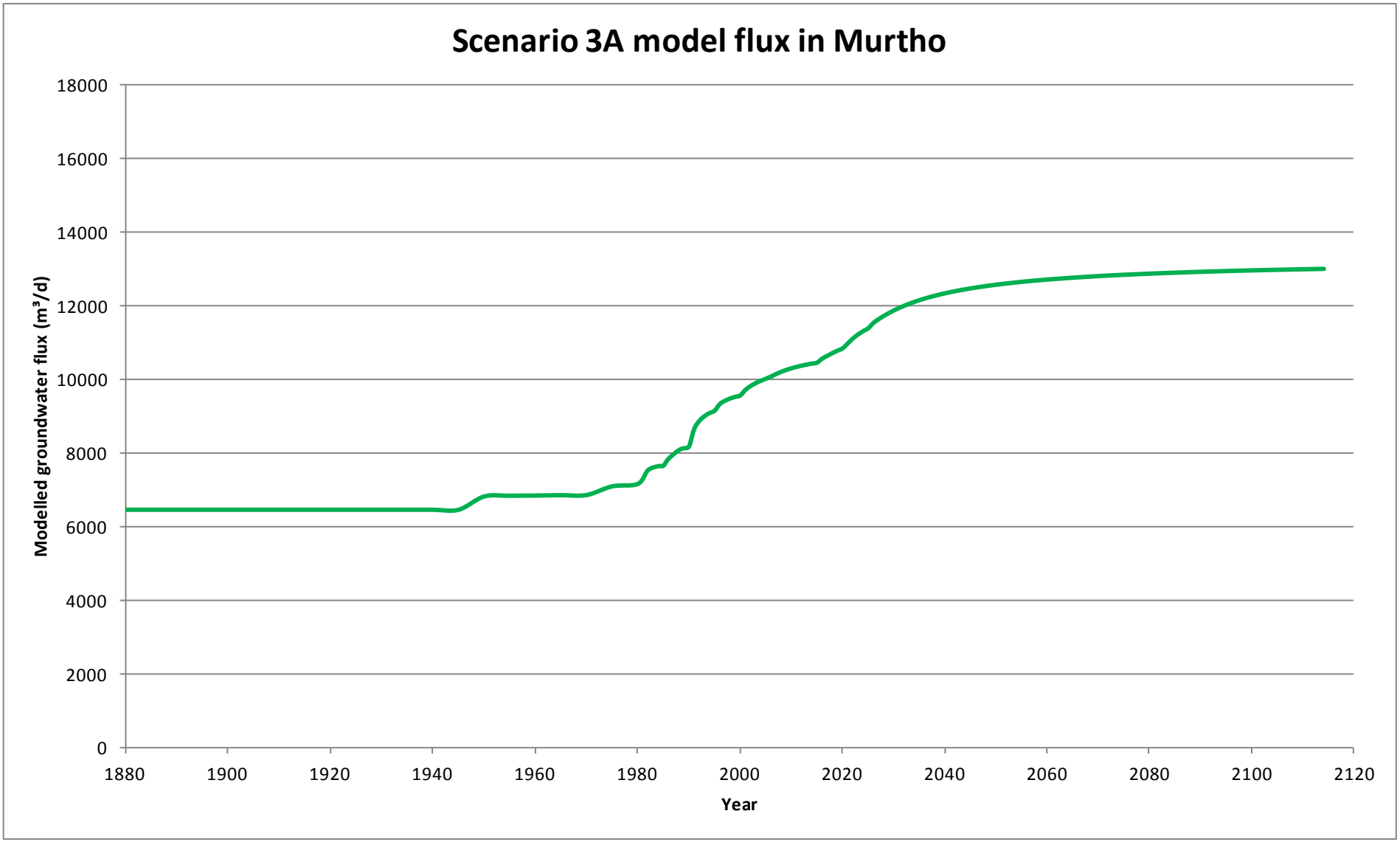
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
48943	49308	2014	2015	3.7	1.8	1.7	0.8	0.7	1.5	4.2	2.1	2.3	2.4	2.2	0.5	0.2	5.1	1.5	0.0	0.0	4.6	35.3
49308	49673	2015	2016	3.7	1.8	1.7	0.8	0.7	1.5	4.2	2.1	2.3	2.4	2.2	0.5	0.2	5.1	1.5	0.0	0.0	4.7	35.4
49673	50039	2016	2017	3.7	1.8	1.7	0.8	0.7	1.5	4.2	2.1	2.3	2.4	2.2	0.5	0.2	5.1	1.5	0.0	0.0	4.7	35.4
50039	50404	2017	2018	3.7	1.8	1.7	0.8	0.7	1.5	4.2	2.1	2.3	2.4	2.2	0.5	0.2	5.1	1.5	0.0	0.0	4.7	35.5
50404	50769	2018	2019	3.7	1.8	1.7	0.8	0.7	1.5	4.2	2.1	2.3	2.4	2.2	0.5	0.2	5.2	1.5	0.0	0.0	4.7	35.6
50769	51134	2019	2020	3.7	1.8	1.7	0.8	0.7	1.5	4.2	2.1	2.3	2.4	2.3	0.5	0.2	5.2	1.5	0.0	0.0	4.7	35.7
51134	51500	2020	2021	3.7	1.8	1.7	0.8	0.7	1.5	4.2	2.1	2.3	2.4	2.3	0.5	0.2	5.2	1.5	0.0	0.0	4.8	35.8
51500	51865	2021	2022	3.7	1.8	1.7	0.8	0.7	1.5	4.2	2.1	2.3	2.4	2.3	0.5	0.2	5.2	1.5	0.0	0.0	4.8	35.8
51865	52230	2022	2023	3.7	1.8	1.7	0.8	0.7	1.5	4.2	2.1	2.3	2.5	2.3	0.5	0.2	5.3	1.6	0.0	0.0	4.8	35.9
52230	52595	2023	2024	3.7	1.8	1.7	0.8	0.7	1.5	4.3	2.1	2.3	2.5	2.3	0.5	0.2	5.3	1.6	0.0	0.0	4.8	36.0
52595	52961	2024	2025	3.7	1.8	1.7	0.8	0.7	1.5	4.3	2.1	2.3	2.5	2.3	0.5	0.2	5.3	1.6	0.0	0.0	4.8	36.1
52961	53326	2025	2026	3.7	1.8	1.7	0.8	0.7	1.5	4.3	2.1	2.3	2.5	2.3	0.5	0.2	5.3	1.6	0.0	0.0	4.9	36.2
53326	53691	2026	2027	3.7	1.8	1.7	0.8	0.7	1.5	4.3	2.1	2.3	2.5	2.3	0.5	0.2	5.4	1.6	0.0	0.0	4.9	36.3
53691	54056	2027	2028	3.7	1.8	1.7	0.8	0.7	1.5	4.3	2.1	2.3	2.5	2.3	0.5	0.2	5.4	1.6	0.0	0.0	4.9	36.4
54056	54422	2028	2029	3.7	1.8	1.7	0.8	0.7	1.5	4.3	2.1	2.3	2.5	2.3	0.5	0.2	5.5	1.7	0.0	0.0	4.9	36.5
54422	54787	2029	2030	3.7	1.8	1.7	0.8	0.7	1.5	4.3	2.1	2.3	2.5	2.3	0.5	0.2	5.5	1.7	0.0	0.0	5.0	36.7
54787	55152	2030	2031	3.7	1.8	1.7	0.8	0.7	1.5	4.3	2.1	2.3	2.5	2.3	0.5	0.2	5.6	1.7	0.0	0.0	5.0	36.9
55152	55517	2031	2032	3.7	1.8	1.7	0.8	0.7	1.5	4.3	2.2	2.4	2.5	2.3	0.5	0.2	5.6	1.7	0.0	0.0	5.1	37.0
55517	55883	2032	2033	3.7	1.8	1.7	0.8	0.7	1.5	4.3	2.2	2.4	2.5	2.3	0.5	0.2	5.7	1.8	0.0	0.0	5.1	37.2
55883	56248	2033	2034	3.7	1.8	1.7	0.8	0.7	1.5	4.3	2.2	2.4	2.5	2.4	0.5	0.2	5.7	1.8	0.0	0.0	5.1	37.3
56248	56613	2034	2035	3.7	1.8	1.7	0.8	0.7	1.5	4.4	2.2	2.4	2.5	2.4	0.5	0.2	5.8	1.8	0.0	0.0	5.2	37.4
56613	56978	2035	2036	3.7	1.8	1.7	0.8	0.7	1.5	4.4	2.2	2.4	2.5	2.4	0.5	0.2	5.8	1.8	0.0	0.0	5.2	37.6
56978	57344	2036	2037	3.7	1.8	1.7	0.8	0.7	1.5	4.4	2.2	2.4	2.5	2.4	0.5	0.2	5.9	1.8	0.0	0.0	5.2	37.7
57344	57709	2037	2038	3.7	1.8	1.7	0.8	0.7	1.5	4.4	2.2	2.4	2.5	2.4	0.5	0.2	5.9	1.9	0.0	0.0	5.3	37.9
57709	58074	2038	2039	3.7	1.8	1.7	0.8	0.7	1.5	4.4	2.2	2.4	2.5	2.4	0.5	0.2	5.9	1.9	0.0	0.0	5.3	38.0
58074	58439	2039	2040	3.7	1.8	1.7	0.8	0.7	1.5	4.4	2.2	2.4	2.5	2.4	0.5	0.2	6.0	1.9	0.0	0.0	5.3	38.1
58439	58805	2040	2041	3.7	1.8	1.7	0.8	0.7	1.5	4.4	2.2	2.4	2.6	2.4	0.5	0.2	6.0	1.9	0.0	0.0	5.4	38.2
58805	59170	2041	2042	3.7	1.8	1.7	0.8	0.7	1.5	4.4	2.2	2.4	2.6	2.4	0.5	0.2	6.0	1.9	0.0	0.0	5.4	38.3
59170	59535	2042	2043	3.7	1.8	1.7	0.8	0.7	1.5	4.4	2.2	2.4	2.6	2.4	0.5	0.3	6.1	1.9	0.0	0.0	5.4	38.4
59535	59900	2043	2044	3.7	1.8	1.7	0.8	0.7	1.5	4.4	2.2	2.4	2.6	2.4	0.5	0.3	6.1	2.0	0.0	0.0	5.4	38.5
59900	60266	2044	2045	3.7	1.8	1.7	0.8	0.7	1.5	4.4	2.2	2.4	2.6	2.4	0.5	0.3	6.1	2.0	0.0	0.0	5.5	38.6
60266	60631	2045	2046	3.7	1.8	1.7	0.8	0.7	1.5	4.5	2.2	2.4	2.6	2.4	0.5	0.3	6.2	2.0	0.0	0.0	5.5	38.7
60631	60996	2046	2047	3.7	1.8	1.7	0.8	0.7	1.5	4.5	2.2	2.4	2.6	2.5	0.6	0.3	6.2	2.0	0.0	0.0	5.5	38.8
60996	61361	2047	2048	3.7	1.8	1.7	0.8	0.8	1.5	4.5	2.2	2.4	2.6	2.5	0.6	0.3	6.2	2.0	0.0	0.0	5.5	38.9
61361	61727	2048	2049	3.7	1.8	1.7	0.8	0.8	1.5	4.5	2.2	2.4	2.6	2.5	0.6	0.3	6.3	2.0	0.0	0.0	5.5	39.0
61727	62092	2049	2050	3.7	1.8	1.7	0.8	0.8	1.5	4.5	2.2	2.4	2.6	2.5	0.6	0.3	6.3	2.0	0.0	0.0	5.6	39.0
62092	62457	2050	2051	3.7	1.8	1.7	0.8	0.8	1.5	4.5	2.2	2.4	2.6	2.5	0.6	0.3	6.3	2.0	0.0	0.0	5.6	39.1
62457	62822	2051	2052	3.7	1.8	1.7	0.8	0.8	1.5	4.5	2.2	2.4	2.6	2.5	0.6	0.3	6.3	2.0	0.0	0.0	5.6	39.2
62822	63188	2052	2053	3.7	1.8	1.7	0.8	0.8	1.5	4.5	2.2	2.4	2.6	2.5	0.6	0.3	6.3	2.1	0.0	0.0	5.6	39.3
63188	63553	2053	2054	3.7	1.8	1.7	0.8	0.8	1.5	4.5	2.2	2.4	2.6	2.5	0.6	0.3	6.4	2.1	0.0	0.0	5.6	39.3
63553	63918	2054	2055	3.7	1.8	1.7	0.8	0.8	1.5	4.5	2.2	2.4	2.6	2.5	0.6	0.3	6.4	2.1	0.0	0.0	5.6	39.4
63918	64283	2055	2056	3.7	1.8	1.7	0.8	0.8	1.5	4.5	2.2	2.4	2.6	2.5	0.6	0.3	6.4	2.1	0.0	0.0	5.7	39.4
64283	64649	2056	2057	3.7	1.8	1.7	0.8	0.8	1.5	4.5	2.2	2.4	2.6	2.5	0.6	0.3	6.4	2.1	0.0	0.0	5.7	39.5
64649	65014	2057	2058	3.7	1.8	1.7	0.8	0.8	1.5	4.5	2.2	2.4	2.6	2.5	0.6	0.3	6.4	2.1	0.0	0.0	5.7	39.6
65014	65379	2058	2059	3.7	1.8	1.7	0.8	0.8	1.5	4.5	2.2	2.4	2.6	2.5	0.6	0.3	6.5	2.1	0.0	0.0	5.7	39.6
65379	65744	2059	2060	3.7	1.8	1.7	0.8	0.8	1.5	4.5	2.2	2.4	2.6	2.5	0.6	0.3	6.5	2.1	0.0	0.0	5.7	39.7
65744	66110	2060	2061	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.6	2.5	0.6	0.3	6.5	2.1	0.0	0.0	5.7	39.7
66110	66475	2061	2062	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.6	2.5	0.6	0.3	6.5	2.1	0.0	0.0	5.7	39.8
66475	66840	2062	2063	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.6	2.5	0.6	0.3	6.5	2.1	0.0	0.0	5.7	39.8
66840	67205	2063	2064	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.6	2.5	0.6	0.3	6.5	2.1	0.0	0.0	5.8	39.9
67205	67571	2064	2065	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.6	2.5	0.6	0.3	6.6	2.1	0.0	0.0	5.8	39.9

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S3A model)

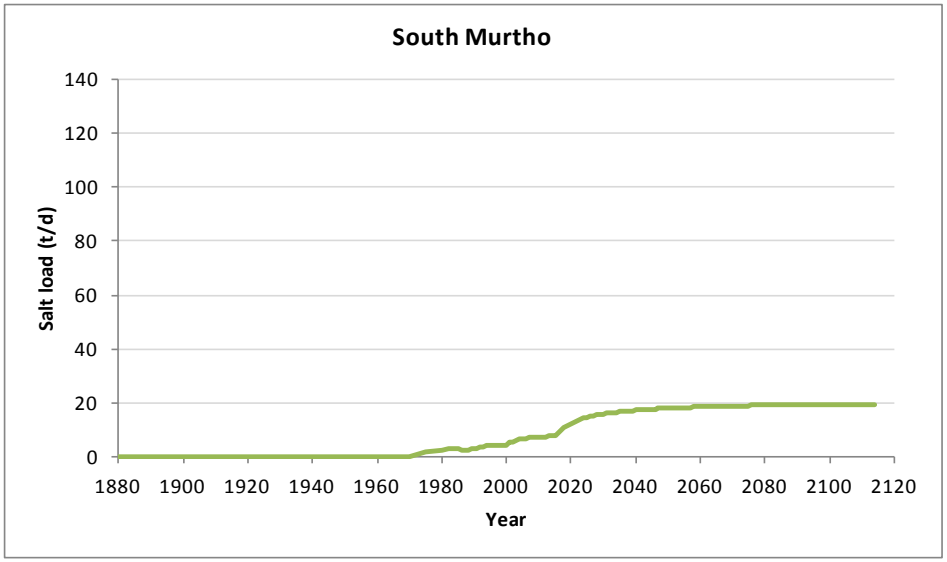
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
67571	67936	2065	2066	2724	1320	1231	607	200	69	206	103	113	123	118	27	13	308	100	0	0	207	7470
67936	68301	2066	2067	2724	1320	1231	607	200	69	206	103	113	123	119	27	13	308	101	0	0	207	7473
68301	68666	2067	2068	2724	1320	1231	608	200	69	206	103	113	124	119	27	13	309	101	0	0	208	7475
68666	69032	2068	2069	2724	1320	1231	608	200	69	206	104	114	124	119	27	13	310	101	0	0	208	7477
69032	69397	2069	2070	2724	1320	1231	608	200	69	207	104	114	124	119	27	13	310	101	0	0	208	7479
69397	69762	2070	2071	2724	1320	1231	608	200	69	207	104	114	124	119	27	13	311	102	0	0	209	7481
69762	70127	2071	2072	2724	1320	1231	608	201	69	207	104	114	124	119	27	13	311	102	0	0	209	7483
70127	70493	2072	2073	2724	1320	1231	608	201	69	207	104	114	124	119	27	13	312	102	0	0	209	7485
70493	70858	2073	2074	2724	1320	1231	608	201	69	207	104	114	124	119	27	13	312	102	0	0	210	7487
70858	71223	2074	2075	2724	1320	1231	609	201	69	208	104	114	124	120	27	13	313	102	0	0	210	7488
71223	71588	2075	2076	2724	1320	1231	609	201	69	208	104	114	124	120	27	13	313	103	0	0	210	7490
71588	71954	2076	2077	2724	1320	1231	609	201	69	208	104	114	124	120	27	13	314	103	0	0	210	7492
71954	72319	2077	2078	2724	1320	1231	609	201	70	208	104	114	124	120	27	13	314	103	0	0	211	7493
72319	72684	2078	2079	2724	1320	1231	609	202	70	208	104	114	124	120	27	13	315	103	0	0	211	7495
72684	73049	2079	2080	2724	1320	1231	609	202	70	208	104	114	124	120	27	13	315	103	0	0	211	7497
73049	73415	2080	2081	2724	1320	1231	609	202	70	208	104	114	125	120	27	13	316	104	0	0	212	7498
73415	73780	2081	2082	2724	1320	1231	609	202	70	209	104	114	125	120	27	13	316	104	0	0	212	7500
73780	74145	2082	2083	2724	1320	1231	610	202	70	209	104	114	125	120	27	13	316	104	0	0	212	7501
74145	74510	2083	2084	2724	1320	1231	610	202	70	209	104	114	125	120	27	13	317	104	0	0	212	7503
74510	74876	2084	2085	2724	1320	1231	610	202	70	209	104	114	125	120	27	13	317	104	0	0	212	7504
74876	75241	2085	2086	2724	1320	1231	610	202	70	209	104	114	125	121	27	13	318	104	0	0	213	7505
75241	75606	2086	2087	2724	1320	1231	610	203	70	209	104	114	125	121	27	13	318	105	0	0	213	7507
75606	75971	2087	2088	2724	1320	1231	610	203	70	209	104	114	125	121	27	13	318	105	0	0	213	7508
75971	76337	2088	2089	2724	1320	1231	610	203	70	210	104	114	125	121	27	13	319	105	0	0	213	7509
76337	76702	2089	2090	2724	1320	1231	610	203	70	210	104	114	125	121	27	13	319	105	0	0	214	7511
76702	77067	2090	2091	2724	1320	1231	610	203	70	210	104	114	125	121	27	13	319	105	0	0	214	7512
77067	77432	2091	2092	2724	1320	1231	611	203	70	210	104	114	125	121	27	13	320	105	0	0	214	7513
77432	77798	2092	2093	2724	1320	1231	611	203	70	210	104	114	125	121	27	13	320	105	0	0	214	7514
77798	78163	2093	2094	2724	1320	1231	611	203	70	210	104	114	125	121	27	13	320	105	0	0	214	7515
78163	78528	2094	2095	2724	1320	1231	611	203	70	210	104	114	125	121	27	13	321	106	0	0	214	7516
78528	78893	2095	2096	2724	1321	1231	611	203	70	210	104	114	125	121	27	13	321	106	0	0	215	7517
78893	79259	2096	2097	2724	1321	1231	611	204	70	210	104	114	125	121	27	13	321	106	0	0	215	7519
79259	79624	2097	2098	2724	1321	1231	611	204	70	210	104	114	125	121	27	13	321	106	0	0	215	7520
79624	79989	2098	2099	2724	1321	1231	611	204	70	211	104	114	126	121	27	13	322	106	0	0	215	7521
79989	80354	2099	2100	2724	1321	1231	611	204	70	211	104	115	126	122	27	13	322	106	0	0	215	7522
80354	80719	2100	2101	2724	1321	1231	611	204	70	211	104	115	126	122	27	13	322	106	0	0	215	7522
80719	81084	2101	2102	2724	1321	1231	611	204	70	211	104	115	126	122	27	13	322	106	0	0	216	7523
81084	81449	2102	2103	2724	1321	1231	611	204	70	211	104	115	126	122	27	13	323	106	0	0	216	7524
81449	81814	2103	2104	2724	1321	1231	612	204	70	211	104	115	126	122	27	13	323	107	0	0	216	7525
81814	82180	2104	2105	2724	1321	1231	612	204	70	211	104	115	126	122	27	13	323	107	0	0	216	7526
82180	82545	2105	2106	2724	1321	1231	612	204	70	211	104	115	126	122	27	13	323	107	0	0	216	7527
82545	82910	2106	2107	2724	1321	1231	612	204	70	211	104	115	126	122	27	13	324	107	0	0	216	7528
82910	83275	2107	2108	2724	1321	1231	612	204	70	211	104	115	126	122	27	13	324	107	0	0	216	7529
83275	83641	2108	2109	2724	1321	1231	612	204	70	211	104	115	126	122	27	13	324	107	0	0	217	7529
83641	84006	2109	2110	2724	1321	1231	612	205	70	212	104	115	126	122	27	13	324	107	0	0	217	7530
84006	84371	2110	2111	2724	1321	1231	612	205	70	212	105	115	126	122	27	13	325	107	0	0	217	7531
84371	84736	2111	2112	2724	1321	1231	612	205	70	212	105	115	126	122	27	13	325	107	0	0	217	7532
84736	85102	2112	2113	2724	1321	1231	612	205	70	212	105	115	126	122	27	13	325	107	0	0	217	7533
85102	85467	2113	2114	2724	1321	1231	612	205	70	212	105	115	126	122	27	13	325	107	0	0	217	7533

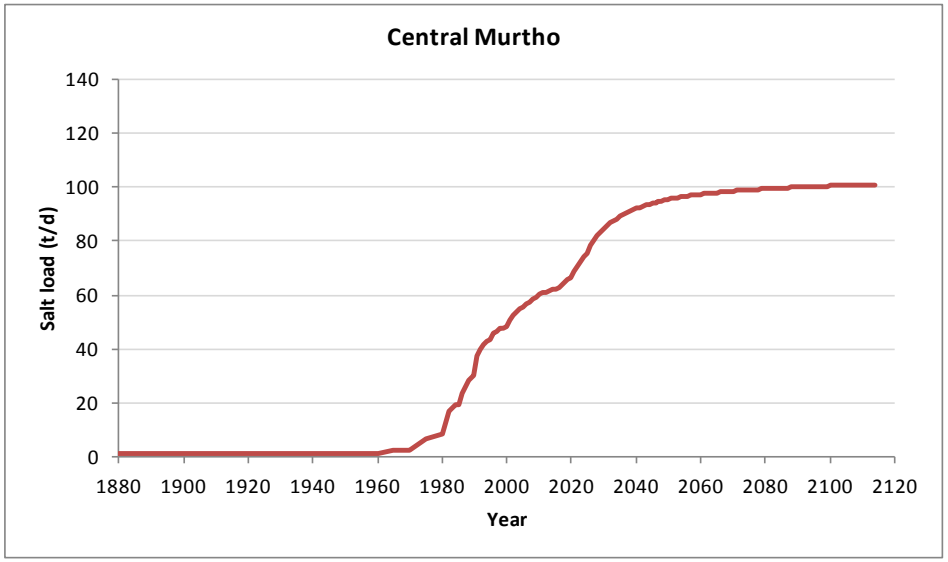
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
67571	67936	2065	2066	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.6	2.5	0.6	0.3	6.6	2.1	0.0	0.0	5.8	40.0
67936	68301	2066	2067	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.6	2.5	0.6	0.3	6.6	2.2	0.0	0.0	5.8	40.0
68301	68666	2067	2068	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.6	2.5	0.6	0.3	6.6	2.2	0.0	0.0	5.8	40.1
68666	69032	2068	2069	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.6	2.5	0.6	0.3	6.6	2.2	0.0	0.0	5.8	40.1
69032	69397	2069	2070	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.6	2.5	0.6	0.3	6.6	2.2	0.0	0.0	5.8	40.1
69397	69762	2070	2071	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.6	2.5	0.6	0.3	6.6	2.2	0.0	0.0	5.8	40.2
69762	70127	2071	2072	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.6	2.5	0.6	0.3	6.6	2.2	0.0	0.0	5.8	40.2
70127	70493	2072	2073	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.6	2.5	0.6	0.3	6.7	2.2	0.0	0.0	5.8	40.3
70493	70858	2073	2074	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.6	2.6	0.6	0.3	6.7	2.2	0.0	0.0	5.9	40.3
70858	71223	2074	2075	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.7	2.6	0.6	0.3	6.7	2.2	0.0	0.0	5.9	40.3
71223	71588	2075	2076	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.7	2.6	0.6	0.3	6.7	2.2	0.0	0.0	5.9	40.4
71588	71954	2076	2077	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.7	2.6	0.6	0.3	6.7	2.2	0.0	0.0	5.9	40.4
71954	72319	2077	2078	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.7	2.6	0.6	0.3	6.7	2.2	0.0	0.0	5.9	40.4
72319	72684	2078	2079	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.7	2.6	0.6	0.3	6.7	2.2	0.0	0.0	5.9	40.5
72684	73049	2079	2080	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.7	2.6	0.6	0.3	6.7	2.2	0.0	0.0	5.9	40.5
73049	73415	2080	2081	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.7	2.6	0.6	0.3	6.7	2.2	0.0	0.0	5.9	40.5
73415	73780	2081	2082	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.7	2.6	0.6	0.3	6.7	2.2	0.0	0.0	5.9	40.5
73780	74145	2082	2083	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.7	2.6	0.6	0.3	6.8	2.2	0.0	0.0	5.9	40.6
74145	74510	2083	2084	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.7	2.6	0.6	0.3	6.8	2.2	0.0	0.0	5.9	40.6
74510	74876	2084	2085	3.7	1.8	1.7	0.8	0.8	1.5	4.6	2.2	2.4	2.7	2.6	0.6	0.3	6.8	2.2	0.0	0.0	5.9	40.6
74876	75241	2085	2086	3.7	1.8	1.7	0.8	0.8	1.5	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.8	2.2	0.0	0.0	5.9	40.6
75241	75606	2086	2087	3.7	1.8	1.7	0.8	0.8	1.5	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.8	2.2	0.0	0.0	5.9	40.7
75606	75971	2087	2088	3.7	1.8	1.7	0.8	0.8	1.5	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.8	2.2	0.0	0.0	6.0	40.7
75971	76337	2088	2089	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.8	2.2	0.0	0.0	6.0	40.7
76337	76702	2089	2090	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.8	2.2	0.0	0.0	6.0	40.7
76702	77067	2090	2091	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.8	2.2	0.0	0.0	6.0	40.8
77067	77432	2091	2092	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.8	2.2	0.0	0.0	6.0	40.8
77432	77798	2092	2093	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.8	2.2	0.0	0.0	6.0	40.8
77798	78163	2093	2094	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.8	2.3	0.0	0.0	6.0	40.8
78163	78528	2094	2095	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.8	2.3	0.0	0.0	6.0	40.9
78528	78893	2095	2096	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.9	2.3	0.0	0.0	6.0	40.9
78893	79259	2096	2097	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.9	2.3	0.0	0.0	6.0	40.9
79259	79624	2097	2098	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.9	2.3	0.0	0.0	6.0	40.9
79624	79989	2098	2099	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.9	2.3	0.0	0.0	6.0	40.9
79989	80354	2099	2100	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.9	2.3	0.0	0.0	6.0	41.0
80354	80719	2100	2101	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.9	2.3	0.0	0.0	6.0	41.0
80719	81084	2101	2102	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.9	2.3	0.0	0.0	6.0	41.0
81084	81449	2102	2103	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.9	2.3	0.0	0.0	6.0	41.0
81449	81814	2103	2104	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.9	2.3	0.0	0.0	6.0	41.0
81814	82180	2104	2105	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.9	2.3	0.0	0.0	6.0	41.0
82180	82545	2105	2106	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.9	2.3	0.0	0.0	6.0	41.1
82545	82910	2106	2107	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.9	2.3	0.0	0.0	6.0	41.1
82910	83275	2107	2108	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.9	2.3	0.0	0.0	6.0	41.1
83275	83641	2108	2109	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.9	2.3	0.0	0.0	6.1	41.1
83641	84006	2109	2110	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.4	2.7	2.6	0.6	0.3	6.9	2.3	0.0	0.0	6.1	41.1
84006	84371	2110	2111	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.5	2.7	2.6	0.6	0.3	6.9	2.3	0.0	0.0	6.1	41.1
84371	84736	2111	2112	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.5	2.7	2.6	0.6	0.3	6.9	2.3	0.0	0.0	6.1	41.2
84736	85102	2112	2113	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.5	2.7	2.6	0.6	0.3	6.9	2.3	0.0	0.0	6.1	41.2
85102	85467	2113	2114	3.7	1.8	1.7	0.8	0.8	1.6	4.7	2.2	2.5	2.7	2.6	0.6	0.3	6.9	2.3	0.0	0.0	6.1	41.2

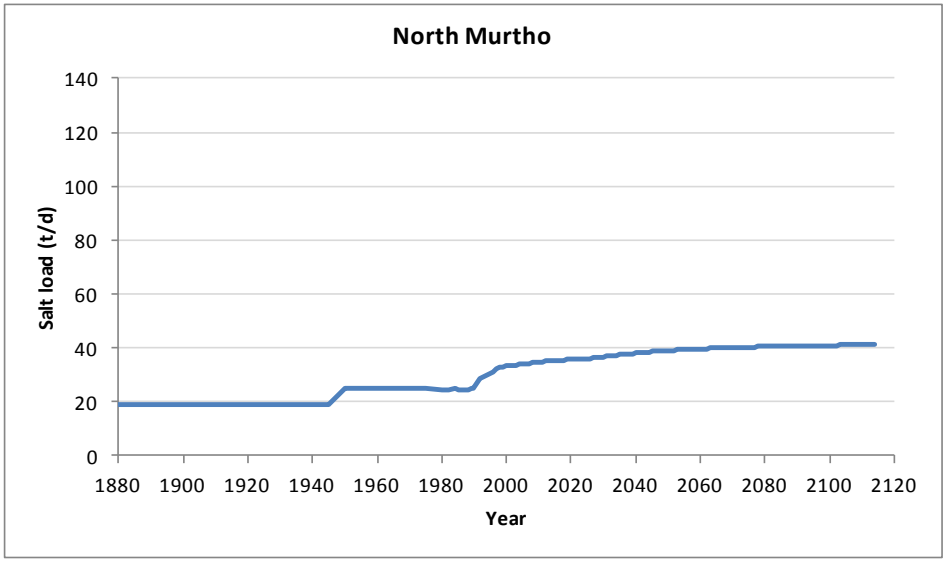
B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S3A model)



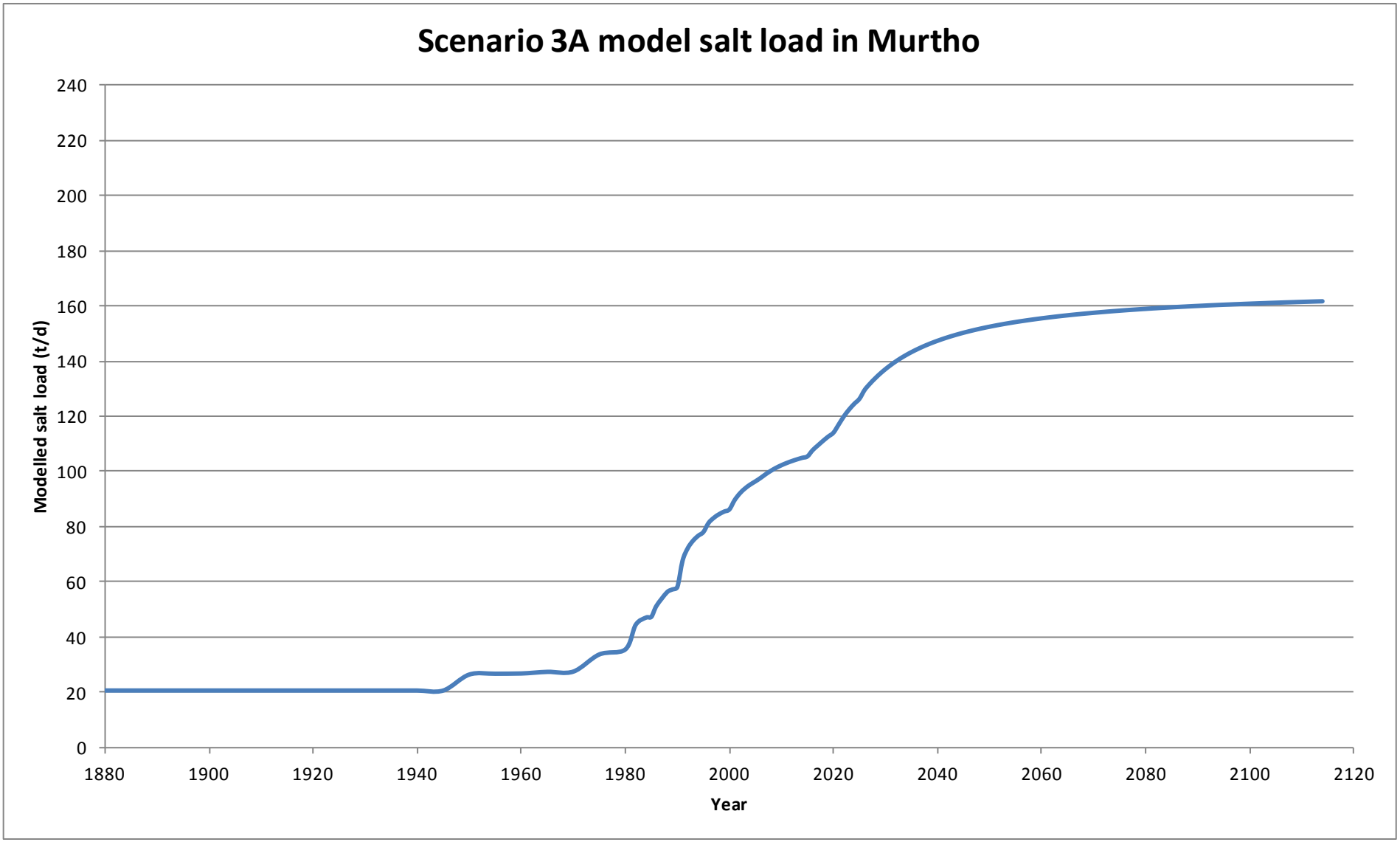
B-3. Graph of modelled groundwater flux (m³/d) entering the River Murray in Murtho (S3A model)







B-3. Graph of modelled salt load (t/d) entering the River Murray in Murtho (S3A model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Murtho (S3A model)

Scenario 3C

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
0	1	1880	1880	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
1	1827	1880	1885	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
1827	3653	1885	1890	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
3653	5479	1890	1895	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
5479	7305	1895	1900	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
7305	9131	1900	1905	27	16	14	5	4	0	1	6	19	2	12	13	30	31	12	0	0	192
9131	10957	1905	1910	27	16	14	6	4	1	2	10	24	2	13	15	32	33	13	0	0	212
10957	12783	1910	1915	27	16	14	7	4	1	3	12	25	2	14	15	33	33	13	0	0	218
12783	14609	1915	1920	27	16	15	7	5	1	3	12	25	2	14	15	33	33	13	0	0	221
14609	16436	1920	1925	27	16	15	7	5	1	4	13	25	2	14	15	33	33	13	0	0	223
16436	18262	1925	1930	27	16	15	7	5	1	4	13	25	2	14	15	33	33	13	0	0	224
18262	20088	1930	1935	27	16	15	8	5	1	4	13	25	2	14	15	33	33	13	0	0	224
20088	21914	1935	1940	30	43	244	157	20	8	13	14	26	2	14	15	33	33	13	0	16	682
21914	23741	1940	1945	31	50	263	173	24	10	18	15	26	2	14	15	34	33	13	0	20	741
23741	25567	1945	1950	32	54	281	271	63	47	109	46	28	2	15	16	34	33	13	0	23	1068
25567	27393	1950	1955	32	54	267	265	64	48	115	55	29	3	15	16	35	34	14	0	22	1068
27393	29219	1955	1960	115	75	269	267	70	59	229	245	86	3	20	26	46	33	13	0	61	1615
29219	31046	1960	1965	136	117	309	266	68	57	219	238	85	3	21	26	47	33	14	0	99	1737
31046	32872	1965	1970	144	126	316	259	65	53	190	195	71	3	19	23	41	30	12	0	106	1654
32872	34698	1970	1975	143	128	315	251	62	50	170	169	63	3	19	22	39	29	12	0	106	1580
34698	36524	1975	1980	146	130	317	259	65	52	195	248	72	3	19	23	38	26	11	0	107	1710
36524	37255	1980	1982	148	136	324	261	66	53	199	253	72	3	19	23	38	26	10	0	113	1744
37255	37985	1982	1984	153	148	337	262	66	54	200	251	72	3	19	23	37	24	10	0	123	1782
37985	38351	1984	1985	155	153	341	262	66	54	199	247	71	3	19	22	36	24	9	0	128	1790
38351	38716	1985	1986	158	157	346	263	67	54	198	245	70	3	19	22	36	23	9	0	131	1801
38716	39446	1986	1988	161	164	351	264	68	55	209	268	77	3	20	23	37	22	9	0	137	1868
39446	39812	1988	1989	163	168	352	265	69	56	217	285	81	3	20	24	37	22	9	0	140	1912
39812	40177	1989	1990	165	171	353	265	69	57	223	296	84	3	21	24	38	21	9	0	142	1943
40177	40542	1990	1991	167	173	352	265	70	58	227	302	85	3	21	25	37	20	8	0	144	1957
40542	40907	1991	1992	166	173	349	264	70	58	221	292	82	3	21	24	37	20	8	0	143	1932
40907	41273	1992	1993	164	174	347	263	70	57	215	280	79	3	21	24	36	19	8	0	143	1902
41273	41638	1993	1994	162	174	345	261	70	57	208	267	75	3	20	23	35	19	8	0	142	1868
41638	42003	1994	1995	160	173	340	258	69	56	203	256	72	3	20	23	34	19	8	0	139	1832
42003	42368	1995	1996	158	172	335	256	69	56	199	247	69	3	20	22	33	19	7	0	138	1801
42368	42734	1996	1997	156	170	330	253	68	55	194	236	67	3	20	22	32	18	7	0	136	1768
42734	43099	1997	1998	152	169	325	250	68	54	187	223	63	3	19	21	32	18	7	0	134	1727
43099	43464	1998	1999	149	168	320	247	67	53	180	209	60	3	19	21	31	18	7	0	131	1683
43464	43829	1999	2000	144	166	315	244	66	52	172	194	56	3	19	20	30	18	7	0	129	1636
43829	44195	2000	2001	139	165	310	240	65	51	162	177	51	3	18	19	29	17	7	0	125	1578
44195	44560	2001	2002	135	163	304	235	63	49	155	165	48	3	18	18	27	17	7	0	122	1529
44560	44925	2002	2003	131	161	298	229	62	48	149	158	45	3	17	18	26	16	6	0	120	1486
44925	45290	2003	2004	128	158	291	224	61	46	144	152	44	3	17	17	25	15	6	0	117	1449
45290	45656	2004	2005	126	156	284	219	59	45	140	148	42	3	17	17	24	14	5	0	114	1414
45656	46021	2005	2006	123	153	277	214	58	44	136	144	41	3	17	17	23	14	5	0	112	1382
46021	46386	2006	2007	121	150	269	209	57	43	133	141	40	3	17	16	23	12	5	0	109	1348
46386	46751	2007	2008	119	148	261	203	56	42	130	138	39	3	16	16	22	12	4	0	106	1316
46751	47117	2008	2009	118	145	253	198	55	41	128	136	38	3	16	16	21	11	4	0	103	1285
47117	47482	2009	2010	116	142	245	194	54	41	126	134	37	3	16	15	20	10	4	0	101	1258
47482	47847	2010	2011	114	139	236	189	54	40	125	133	37	3	16	15	20	10	4	0	98	1233
47847	48212	2011	2012	113	136	228	185	53	40	124	132	36	3	16	15	20	10	4	0	95	1210
48212	48578	2012	2013	112	133	221	180	53	39	123	131	36	3	16	15	20	10	4	0	93	1188
48578	48943	2013	2014	110	131	214	176	52	39	123	130	36	3	16	15	20	10	4	0	91	1168

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
0	1	1880	1880	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
1	1827	1880	1885	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
1827	3653	1885	1890	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
3653	5479	1890	1895	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
5479	7305	1895	1900	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
7305	9131	1900	1905	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.7
9131	10957	1905	1910	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.8
10957	12783	1910	1915	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
12783	14609	1915	1920	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
14609	16436	1920	1925	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
16436	18262	1925	1930	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
18262	20088	1930	1935	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
20088	21914	1935	1940	0.5	0.7	3.8	0.9	0.1	0.0	0.1	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	7.2
21914	23741	1940	1945	0.5	0.8	4.1	1.0	0.1	0.1	0.1	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	7.9
23741	25567	1945	1950	0.5	0.9	4.4	1.6	0.4	0.3	0.7	0.3	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	10.0
25567	27393	1950	1955	0.5	0.9	4.2	1.6	0.4	0.3	0.7	0.3	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	9.9
27393	29219	1955	1960	1.8	1.3	4.2	1.6	0.4	0.4	1.4	1.5	0.5	0.0	0.1	0.2	0.3	0.2	0.1	0.0	0.4	14.2
29219	31046	1960	1965	2.1	2.0	4.9	1.6	0.4	0.3	1.3	1.4	0.5	0.0	0.1	0.2	0.3	0.2	0.1	0.0	0.6	16.1
31046	32872	1965	1970	2.3	2.2	5.0	1.6	0.4	0.3	1.1	1.2	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	15.8
32872	34698	1970	1975	2.2	2.2	4.9	1.5	0.4	0.3	1.0	1.0	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	15.4
34698	36524	1975	1980	2.3	2.2	5.0	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	16.2
36524	37255	1980	1982	2.3	2.3	5.1	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	16.6
37255	37985	1982	1984	2.4	2.5	5.3	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.1
37985	38351	1984	1985	2.4	2.6	5.4	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.3
38351	38716	1985	1986	2.5	2.7	5.4	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.5
38716	39446	1986	1988	2.5	2.8	5.5	1.6	0.4	0.3	1.3	1.6	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.0
39446	39812	1988	1989	2.6	2.9	5.5	1.6	0.4	0.3	1.3	1.7	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.4
39812	40177	1989	1990	2.6	2.9	5.5	1.6	0.4	0.3	1.3	1.8	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.6
40177	40542	1990	1991	2.6	2.9	5.5	1.6	0.4	0.3	1.4	1.8	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.7
40542	40907	1991	1992	2.6	3.0	5.5	1.6	0.4	0.3	1.3	1.8	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.5
40907	41273	1992	1993	2.6	3.0	5.5	1.6	0.4	0.3	1.3	1.7	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.3
41273	41638	1993	1994	2.5	3.0	5.4	1.6	0.4	0.3	1.2	1.6	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.1
41638	42003	1994	1995	2.5	3.0	5.3	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	17.8
42003	42368	1995	1996	2.5	2.9	5.3	1.5	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	17.5
42368	42734	1996	1997	2.4	2.9	5.2	1.5	0.4	0.3	1.2	1.4	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	17.2
42734	43099	1997	1998	2.4	2.9	5.1	1.5	0.4	0.3	1.1	1.3	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	16.9
43099	43464	1998	1999	2.3	2.9	5.0	1.5	0.4	0.3	1.1	1.3	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	16.5
43464	43829	1999	2000	2.3	2.8	4.9	1.5	0.4	0.3	1.0	1.2	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	16.1
43829	44195	2000	2001	2.2	2.8	4.9	1.4	0.4	0.3	1.0	1.1	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	15.7
44195	44560	2001	2002	2.1	2.8	4.8	1.4	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	15.3
44560	44925	2002	2003	2.1	2.7	4.7	1.4	0.4	0.3	0.9	0.9	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	14.9
44925	45290	2003	2004	2.0	2.7	4.6	1.3	0.4	0.3	0.9	0.9	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.7	14.5
45290	45656	2004	2005	2.0	2.7	4.5	1.3	0.4	0.3	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.2
45656	46021	2005	2006	1.9	2.6	4.3	1.3	0.3	0.3	0.8	0.9	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.9
46021	46386	2006	2007	1.9	2.6	4.2	1.3	0.3	0.3	0.8	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.6
46386	46751	2007	2008	1.9	2.5	4.1	1.2	0.3	0.3	0.8	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.2
46751	47117	2008	2009	1.8	2.5	4.0	1.2	0.3	0.2	0.8	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.9
47117	47482	2009	2010	1.8	2.4	3.8	1.2	0.3	0.2	0.8	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.6
47482	47847	2010	2011	1.8	2.4	3.7	1.1	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.4
47847	48212	2011	2012	1.8	2.3	3.6	1.1	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.1
48212	48578	2012	2013	1.8	2.3	3.5	1.1	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	11.8
48578	48943	2013	2014	1.7	2.2	3.4	1.1	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	11.6

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S3C model)

				Lyrup																		
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
48943	49308	2014	2015	109	129	209	173	52	39	122	130	36	3	16	15	19	10	4	0	89	1154
49308	49673	2015	2016	109	127	206	172	51	38	122	129	36	3	16	15	19	10	4	0	88	1144
49673	50039	2016	2017	108	126	204	170	51	38	121	129	36	3	16	15	19	10	4	0	86	1136
50039	50404	2017	2018	108	125	202	169	51	38	121	129	36	3	16	15	19	10	4	0	85	1129
50404	50769	2018	2019	108	124	201	168	51	38	120	128	36	3	16	15	19	10	4	0	85	1124
50769	51134	2019	2020	108	123	199	167	50	38	120	128	35	3	16	15	19	10	3	0	84	1119
51134	51500	2020	2021	107	122	198	167	50	38	120	128	35	3	16	15	19	10	3	0	84	1115
51500	51865	2021	2022	107	121	197	166	50	38	120	128	35	3	16	15	19	10	3	0	83	1111
51865	52230	2022	2023	107	121	196	165	50	37	119	128	35	3	16	15	19	10	3	0	83	1108
52230	52595	2023	2024	107	120	195	165	50	37	119	128	35	3	16	15	19	10	3	0	82	1105
52595	52961	2024	2025	107	120	195	165	50	37	119	128	35	3	16	15	19	10	3	0	82	1103
52961	53326	2025	2026	107	119	194	164	50	37	119	127	35	3	16	15	19	10	3	0	81	1101
53326	53691	2026	2027	107	119	194	164	50	37	119	127	35	3	16	15	19	10	3	0	81	1099
53691	54056	2027	2028	107	119	193	164	50	37	119	127	35	3	16	15	19	10	3	0	81	1097
54056	54422	2028	2029	107	118	193	163	50	37	119	127	35	3	16	15	19	10	3	0	81	1095
54422	54787	2029	2030	107	118	192	163	49	37	119	127	35	3	16	15	19	10	3	0	80	1094
54787	55152	2030	2031	107	118	192	163	49	37	119	127	35	3	16	15	19	10	3	0	80	1092
55152	55517	2031	2032	107	117	191	163	49	37	119	127	35	3	15	15	19	10	3	0	80	1091
55517	55883	2032	2033	107	117	191	163	49	37	118	127	35	3	15	15	19	10	3	0	80	1090
55883	56248	2033	2034	107	117	191	162	49	37	118	127	35	3	15	15	19	10	3	0	80	1089
56248	56613	2034	2035	107	117	191	162	49	37	118	127	35	3	15	15	19	10	3	0	80	1088
56613	56978	2035	2036	106	117	190	162	49	37	118	127	35	3	15	15	19	10	3	0	79	1087
56978	57344	2036	2037	106	117	190	162	49	37	118	127	35	3	15	15	19	10	3	0	79	1087
57344	57709	2037	2038	106	116	190	162	49	37	118	127	35	3	15	15	19	10	3	0	79	1086
57709	58074	2038	2039	106	116	190	162	49	37	118	127	35	3	15	15	19	10	3	0	79	1085
58074	58439	2039	2040	106	116	190	162	49	37	118	127	35	3	15	15	19	10	3	0	79	1085
58439	58805	2040	2041	106	116	190	162	49	37	118	127	35	3	15	15	19	10	3	0	79	1084
58805	59170	2041	2042	106	116	189	162	49	37	118	127	35	3	15	15	19	10	3	0	79	1084
59170	59535	2042	2043	106	116	189	162	49	37	118	127	35	3	15	15	19	10	3	0	79	1083
59535	59900	2043	2044	106	116	189	162	49	37	118	127	35	3	15	15	19	10	3	0	79	1083
59900	60266	2044	2045	106	116	189	161	49	37	118	127	35	3	15	15	19	10	3	0	79	1083
60266	60631	2045	2046	106	116	189	161	49	37	118	127	35	3	15	15	19	10	3	0	79	1082
60631	60996	2046	2047	106	116	189	161	49	37	118	127	35	3	15	15	19	10	3	0	79	1082
60996	61361	2047	2048	106	116	189	161	49	37	118	127	35	3	15	15	19	10	3	0	79	1082
61361	61727	2048	2049	106	116	189	161	49	37	118	127	35	3	15	15	19	10	3	0	79	1082
61727	62092	2049	2050	106	115	189	161	49	37	118	127	35	3	15	15	19	10	3	0	79	1082
62092	62457	2050	2051	106	115	189	161	49	37	118	127	35	3	15	15	19	10	3	0	79	1081
62457	62822	2051	2052	106	115	189	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
62822	63188	2052	2053	107	115	189	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
63188	63553	2053	2054	107	115	189	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
63553	63918	2054	2055	107	115	189	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
63918	64283	2055	2056	107	115	189	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
64283	64649	2056	2057	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
64649	65014	2057	2058	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
65014	65379	2058	2059	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
65379	65744	2059	2060	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
65744	66110	2060	2061	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
66110	66475	2061	2062	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
66475	66840	2062	2063	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
66840	67205	2063	2064	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
67205	67571	2064	2065	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
48943	49308	2014	2015	1.7	2.2	3.3	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	11.5
49308	49673	2015	2016	1.7	2.2	3.2	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	11.3
49673	50039	2016	2017	1.7	2.1	3.2	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	11.3
50039	50404	2017	2018	1.7	2.1	3.2	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	11.2
50404	50769	2018	2019	1.7	2.1	3.1	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	11.1
50769	51134	2019	2020	1.7	2.1	3.1	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	11.1
51134	51500	2020	2021	1.7	2.1	3.1	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	11.0
51500	51865	2021	2022	1.7	2.1	3.1	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	11.0
51865	52230	2022	2023	1.7	2.1	3.1	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.9
52230	52595	2023	2024	1.7	2.0	3.1	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.9
52595	52961	2024	2025	1.7	2.0	3.1	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.9
52961	53326	2025	2026	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.9
53326	53691	2026	2027	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.8
53691	54056	2027	2028	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.8
54056	54422	2028	2029	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.8
54422	54787	2029	2030	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.8
54787	55152	2030	2031	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.8
55152	55517	2031	2032	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.8
55517	55883	2032	2033	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
55883	56248	2033	2034	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
56248	56613	2034	2035	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
56613	56978	2035	2036	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
56978	57344	2036	2037	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
57344	57709	2037	2038	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
57709	58074	2038	2039	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
58074	58439	2039	2040	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
58439	58805	2040	2041	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
58805	59170	2041	2042	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
59170	59535	2042	2043	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
59535	59900	2043	2044	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
59900	60266	2044	2045	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
60266	60631	2045	2046	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
60631	60996	2046	2047	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
60996	61361	2047	2048	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
61361	61727	2048	2049	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
61727	62092	2049	2050	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
62092	62457	2050	2051	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
62457	62822	2051	2052	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
62822	63188	2052	2053	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
63188	63553	2053	2054	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
63553	63918	2054	2055	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
63918	64283	2055	2056	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
64283	64649	2056	2057	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
64649	65014	2057	2058	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
65014	65379	2058	2059	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
65379	65744	2059	2060	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
65744	66110	2060	2061	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
66110	66475	2061	2062	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
66475	66840	2062	2063	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
66840	67205	2063	2064	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
67205	67571	2064	2065	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S3C model)

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
67571	67936	2065	2066	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
67936	68301	2066	2067	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
68301	68666	2067	2068	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
68666	69032	2068	2069	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
69032	69397	2069	2070	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
69397	69762	2070	2071	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
69762	70127	2071	2072	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
70127	70493	2072	2073	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
70493	70858	2073	2074	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
70858	71223	2074	2075	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
71223	71588	2075	2076	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
71588	71954	2076	2077	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
71954	72319	2077	2078	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
72319	72684	2078	2079	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
72684	73049	2079	2080	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
73049	73415	2080	2081	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
73415	73780	2081	2082	107	115	188	161	49	37	118	127	35	3	15	15	19	10	3	0	78	1081
73780	74145	2082	2083	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	78	1081
74145	74510	2083	2084	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	78	1081
74510	74876	2084	2085	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	78	1081
74876	75241	2085	2086	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	78	1081
75241	75606	2086	2087	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	78	1081
75606	75971	2087	2088	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	78	1081
75971	76337	2088	2089	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	78	1081
76337	76702	2089	2090	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	78	1081
76702	77067	2090	2091	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	78	1081
77067	77432	2091	2092	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	78	1081
77432	77798	2092	2093	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	79	1081
77798	78163	2093	2094	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	79	1081
78163	78528	2094	2095	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	79	1081
78528	78893	2095	2096	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	79	1081
78893	79259	2096	2097	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	79	1081
79259	79624	2097	2098	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	79	1081
79624	79989	2098	2099	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	79	1081
79989	80354	2099	2100	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	79	1082
80354	80719	2100	2101	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	79	1082
80719	81084	2101	2102	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	79	1082
81084	81449	2102	2103	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	79	1082
81449	81814	2103	2104	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	79	1082
81814	82180	2104	2105	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	79	1082
82180	82545	2105	2106	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	79	1082
82545	82910	2106	2107	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	79	1082
82910	83275	2107	2108	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	79	1082
83275	83641	2108	2109	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	79	1082
83641	84006	2109	2110	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	79	1082
84006	84371	2110	2111	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	79	1082
84371	84736	2111	2112	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	79	1082
84736	85102	2112	2113	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	79	1082
85102	85467	2113	2114	107	115	188	161	49	37	118	127	35	3	16	15	19	10	3	0	79	1082

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
67571	67936	2065	2066	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
67936	68301	2066	2067	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
68301	68666	2067	2068	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
68666	69032	2068	2069	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
69032	69397	2069	2070	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
69397	69762	2070	2071	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
69762	70127	2071	2072	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
70127	70493	2072	2073	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
70493	70858	2073	2074	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
70858	71223	2074	2075	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
71223	71588	2075	2076	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
71588	71954	2076	2077	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
71954	72319	2077	2078	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
72319	72684	2078	2079	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
72684	73049	2079	2080	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
73049	73415	2080	2081	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
73415	73780	2081	2082	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
73780	74145	2082	2083	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
74145	74510	2083	2084	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
74510	74876	2084	2085	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
74876	75241	2085	2086	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
75241	75606	2086	2087	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
75606	75971	2087	2088	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
75971	76337	2088	2089	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
76337	76702	2089	2090	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
76702	77067	2090	2091	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
77067	77432	2091	2092	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
77432	77798	2092	2093	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
77798	78163	2093	2094	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
78163	78528	2094	2095	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
78528	78893	2095	2096	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
78893	79259	2096	2097	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
79259	79624	2097	2098	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
79624	79989	2098	2099	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
79989	80354	2099	2100	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
80354	80719	2100	2101	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
80719	81084	2101	2102	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
81084	81449	2102	2103	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
81449	81814	2103	2104	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
81814	82180	2104	2105	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
82180	82545	2105	2106	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
82545	82910	2106	2107	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
82910	83275	2107	2108	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
83275	83641	2108	2109	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
83641	84006	2109	2110	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
84006	84371	2110	2111	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
84371	84736	2111	2112	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
84736	85102	2112	2113	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7
85102	85467	2113	2114	1.7	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.7

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S3C model)

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Flux
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)														
0	1	1880	1880	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
1	1827	1880	1885	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
1827	3653	1885	1890	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
3653	5479	1890	1895	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
5479	7305	1895	1900	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
7305	9131	1900	1905	4	37	50	65	45	25	7	4	10	2	33	13	33	159	487
9131	10957	1905	1910	4	37	50	65	45	25	7	4	10	2	33	13	33	159	488
10957	12783	1910	1915	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
12783	14609	1915	1920	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
14609	16436	1920	1925	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
16436	18262	1925	1930	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
18262	20088	1930	1935	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
20088	21914	1935	1940	4	37	50	65	45	25	7	4	10	2	33	13	34	160	490
21914	23741	1940	1945	4	37	50	65	45	25	7	4	11	2	33	14	34	160	492
23741	25567	1945	1950	4	37	50	65	45	26	7	4	11	2	33	14	35	161	495
25567	27393	1950	1955	4	37	50	65	45	26	7	4	11	2	33	14	35	161	497
27393	29219	1955	1960	4	37	50	65	46	26	7	4	12	3	35	16	49	180	534
29219	31046	1960	1965	4	39	51	65	48	28	7	4	13	3	40	17	54	222	596
31046	32872	1965	1970	4	42	52	66	55	41	7	5	14	8	74	25	87	722	1203
32872	34698	1970	1975	5	46	53	66	60	49	7	5	14	11	90	28	101	840	1374
34698	36524	1975	1980	5	48	53	66	62	52	7	5	15	12	95	29	106	892	1447
36524	37255	1980	1982	5	48	53	67	63	53	7	5	15	13	97	30	108	904	1467
37255	37985	1982	1984	5	49	53	67	64	53	7	5	15	13	98	31	110	917	1487
37985	38351	1984	1985	5	50	53	67	64	54	7	5	15	13	98	31	111	919	1492
38351	38716	1985	1986	5	50	53	67	64	54	7	5	15	13	99	31	111	922	1498
38716	39446	1986	1988	5	51	54	67	65	54	7	5	16	14	100	32	113	938	1519
39446	39812	1988	1989	5	51	54	67	65	55	7	5	16	14	100	32	114	944	1529
39812	40177	1989	1990	5	51	54	67	66	55	7	5	16	14	101	32	115	953	1541
40177	40542	1990	1991	5	53	54	67	72	95	7	5	17	35	149	34	118	960	1672
40542	40907	1991	1992	5	54	55	67	77	105	7	5	18	39	160	36	122	973	1723
40907	41273	1992	1993	5	56	55	67	79	108	8	5	18	40	164	36	123	976	1740
41273	41638	1993	1994	5	56	55	67	79	110	8	5	18	41	166	37	124	978	1748
41638	42003	1994	1995	5	57	55	67	80	110	8	5	18	41	166	37	124	969	1742
42003	42368	1995	1996	5	57	55	68	80	110	8	5	18	41	166	37	123	963	1735
42368	42734	1996	1997	5	57	55	68	80	110	8	5	18	41	165	37	122	940	1711
42734	43099	1997	1998	5	57	55	68	80	110	8	5	18	40	164	37	120	914	1681
43099	43464	1998	1999	5	57	55	68	80	109	8	5	18	40	162	36	118	885	1646
43464	43829	1999	2000	5	57	55	68	79	108	8	5	18	40	160	36	115	860	1614
43829	44195	2000	2001	5	57	55	68	78	101	8	5	18	36	151	35	112	833	1562
44195	44560	2001	2002	5	56	55	68	77	99	8	5	18	35	147	34	109	805	1521
44560	44925	2002	2003	5	56	55	68	76	97	8	5	18	35	144	34	107	777	1483
44925	45290	2003	2004	5	56	55	68	76	96	8	5	18	34	142	33	104	752	1450
45290	45656	2004	2005	5	55	55	68	74	90	8	5	18	31	134	32	102	729	1406
45656	46021	2005	2006	5	55	55	67	73	88	8	5	17	31	131	32	99	707	1374
46021	46386	2006	2007	5	54	54	67	73	87	8	5	17	30	129	31	97	691	1349
46386	46751	2007	2008	5	54	54	67	72	86	8	5	17	30	127	31	96	678	1330
46751	47117	2008	2009	5	54	54	67	72	85	8	5	17	29	126	31	94	669	1316
47117	47482	2009	2010	5	53	54	67	71	84	8	5	17	29	125	30	93	661	1304
47482	47847	2010	2011	5	53	54	67	71	84	7	5	17	29	124	30	93	656	1295
47847	48212	2011	2012	5	53	54	67	71	84	7	5	17	29	124	30	92	651	1288
48212	48578	2012	2013	5	53	54	67	70	83	7	5	17	29	123	30	91	647	1281
48578	48943	2013	2014	5	52	54	67	70	83	7	5	17	29	123	29	91	644	1276

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Salt Load
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)														
0	1	1880	1880	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
1	1827	1880	1885	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
1827	3653	1885	1890	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
3653	5479	1890	1895	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
5479	7305	1895	1900	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
7305	9131	1900	1905	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
9131	10957	1905	1910	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
10957	12783	1910	1915	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
12783	14609	1915	1920	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
14609	16436	1920	1925	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
16436	18262	1925	1930	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
18262	20088	1930	1935	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
20088	21914	1935	1940	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.6	13.2
21914	23741	1940	1945	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.6	13.3
23741	25567	1945	1950	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.7	13.4
25567	27393	1950	1955	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.6	4.7	13.4
27393	29219	1955	1960	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	1.0	0.4	0.8	5.2	14.3
29219	31046	1960	1965	0.1	1.1	1.4	1.8	1.3	0.8	0.2	0.1	0.3	0.1	1.1	0.5	0.9	6.4	16.0
31046	32872	1965	1970	0.1	1.2	1.4	1.8	1.5	1.1	0.2	0.1	0.4	0.2	2.0	0.7	1.4	20.9	33.0
32872	34698	1970	1975	0.1	1.2	1.4	1.8	1.6	1.3	0.2	0.1	0.4	0.3	2.5	0.8	1.6	24.3	37.7
34698	36524	1975	1980	0.1	1.3	1.4	1.8	1.7	1.4	0.2	0.1	0.4	0.3	2.6	0.8	1.7	25.8	39.7
36524	37255	1980	1982	0.1	1.3	1.4	1.8	1.7	1.4	0.2	0.1	0.4	0.3	2.6	0.8	1.7	26.2	40.3
37255	37985	1982	1984	0.1	1.3	1.5	1.8	1.7	1.5	0.2	0.1	0.4	0.4	2.7	0.8	1.7	26.5	40.8
37985	38351	1984	1985	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.8	1.7	26.6	40.9
38351	38716	1985	1986	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.8	1.7	26.7	41.1
38716	39446	1986	1988	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.9	1.8	27.1	41.7
39446	39812	1988	1989	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.9	1.8	27.3	41.9
39812	40177	1989	1990	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.8	0.9	1.8	27.6	42.3
40177	40542	1990	1991	0.1	1.4	1.5	1.8	2.0	2.6	0.2	0.1	0.5	1.0	4.1	0.9	1.9	27.8	45.8
40542	40907	1991	1992	0.1	1.5	1.5	1.8	2.1	2.9	0.2	0.1	0.5	1.1	4.4	1.0	1.9	28.1	47.2
40907	41273	1992	1993	0.1	1.5	1.5	1.8	2.1	3.0	0.2	0.1	0.5	1.1	4.5	1.0	1.9	28.2	47.7
41273	41638	1993	1994	0.1	1.5	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.5	1.0	1.9	28.3	47.9
41638	42003	1994	1995	0.1	1.5	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.5	1.0	1.9	28.0	47.7
42003	42368	1995	1996	0.1	1.5	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.5	1.0	1.9	27.8	47.5
42368	42734	1996	1997	0.1	1.5	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.5	1.0	1.9	27.2	46.8
42734	43099	1997	1998	0.1	1.6	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.5	1.0	1.9	26.4	46.0
43099	43464	1998	1999	0.1	1.6	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.4	1.0	1.9	25.6	45.0
43464	43829	1999	2000	0.1	1.6	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.4	1.0	1.8	24.9	44.1
43829	44195	2000	2001	0.1	1.5	1.5	1.8	2.1	2.8	0.2	0.1	0.5	1.0	4.1	1.0	1.8	24.1	42.7
44195	44560	2001	2002	0.1	1.5	1.5	1.8	2.1	2.7	0.2	0.1	0.5	1.0	4.0	0.9	1.7	23.3	41.6
44560	44925	2002	2003	0.1	1.5	1.5	1.8	2.1	2.6	0.2	0.1	0.5	0.9	3.9	0.9	1.7	22.5	40.5
44925	45290	2003	2004	0.1	1.5	1.5	1.8	2.1	2.6	0.2	0.1	0.5	0.9	3.9	0.9	1.6	21.8	39.6
45290	45656	2004	2005	0.1	1.5	1.5	1.8	2.0	2.5	0.2	0.1	0.5	0.9	3.7	0.9	1.6	21.1	38.4
45656	46021	2005	2006	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.6	0.9	1.6	20.5	37.5
46021	46386	2006	2007	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.5	0.9	1.5	20.0	36.8
46386	46751	2007	2008	0.1	1.5	1.5	1.8	2.0	2.3	0.2	0.1	0.5	0.8	3.5	0.8	1.5	19.6	36.3
46751	47117	2008	2009	0.1	1.5	1.5	1.8	2.0	2.3	0.2	0.1	0.5	0.8	3.4	0.8	1.5	19.3	35.9
47117	47482	2009	2010	0.1	1.5	1.5	1.8	1.9	2.3	0.2	0.1	0.5	0.8	3.4	0.8	1.5	19.1	35.6
47482	47847	2010	2011	0.1	1.4	1.5	1.8	1.9	2.3	0.2	0.1	0.5	0.8	3.4	0.8	1.5	19.0	35.3
47847	48212	2011	2012	0.1	1.4	1.5	1.8	1.9	2.3	0.2	0.1	0.5	0.8	3.4	0.8	1.4	18.8	35.1
48212	48578	2012	2013	0.1	1.4	1.5	1.8	1.9	2.3	0.2	0.1	0.5	0.8	3.4	0.8	1.4	18.7	35.0
48578	48943	2013	2014	0.1	1.4	1.5	1.8	1.9	2.3	0.2	0.1	0.5	0.8	3.3	0.8	1.4	18.6	34.8

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S3C model)

				Simarloo															
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Flux
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)														
48943	49308	2014	2015	5	52	54	67	70	83	7	5	16	28	122	29	90	641	1271
49308	49673	2015	2016	5	52	54	67	70	83	7	5	16	28	122	29	90	646	1275
49673	50039	2016	2017	5	52	54	67	70	83	7	5	16	28	122	29	90	659	1289
50039	50404	2017	2018	5	52	54	67	70	83	7	5	16	29	123	29	91	673	1304
50404	50769	2018	2019	5	52	54	67	70	83	7	5	16	29	124	29	91	684	1318
50769	51134	2019	2020	5	52	54	67	70	84	7	5	16	29	125	30	92	693	1330
51134	51500	2020	2021	5	52	54	67	71	84	7	5	16	29	126	30	93	700	1339
51500	51865	2021	2022	5	52	54	67	71	85	7	5	16	29	127	30	93	706	1347
51865	52230	2022	2023	5	52	54	67	71	85	7	5	16	29	127	30	94	711	1354
52230	52595	2023	2024	5	52	54	67	71	85	7	5	16	29	128	30	94	715	1360
52595	52961	2024	2025	5	52	54	67	71	85	7	5	16	30	128	30	94	719	1365
52961	53326	2025	2026	5	53	54	67	71	86	7	5	16	30	128	30	95	722	1369
53326	53691	2026	2027	5	53	54	67	72	86	7	5	16	30	129	30	95	725	1373
53691	54056	2027	2028	5	53	54	67	72	86	7	5	16	30	129	30	95	727	1376
54056	54422	2028	2029	5	53	54	67	72	86	7	5	16	30	129	30	95	730	1380
54422	54787	2029	2030	5	53	54	67	72	86	7	5	16	30	129	30	95	732	1383
54787	55152	2030	2031	5	53	54	67	72	86	7	5	16	30	129	30	95	734	1385
55152	55517	2031	2032	5	53	54	67	72	87	7	5	16	30	130	30	96	736	1388
55517	55883	2032	2033	5	53	54	67	72	87	7	5	16	30	130	30	96	738	1390
55883	56248	2033	2034	5	53	54	67	72	87	7	5	16	30	130	30	96	739	1393
56248	56613	2034	2035	5	53	54	67	72	87	7	5	16	30	130	30	96	741	1395
56613	56978	2035	2036	5	54	54	67	72	87	7	5	16	30	130	30	96	742	1397
56978	57344	2036	2037	5	54	54	67	72	87	7	5	16	30	130	30	96	744	1399
57344	57709	2037	2038	5	54	54	67	73	87	7	5	16	30	130	30	96	745	1401
57709	58074	2038	2039	5	54	54	67	73	87	7	5	16	30	131	30	96	746	1402
58074	58439	2039	2040	5	54	54	67	73	87	7	5	16	30	131	30	96	747	1404
58439	58805	2040	2041	5	54	54	67	73	87	7	5	16	30	131	30	97	749	1406
58805	59170	2041	2042	5	54	54	67	73	87	7	5	16	30	131	30	97	750	1407
59170	59535	2042	2043	5	54	54	67	73	87	7	5	16	30	131	30	97	751	1409
59535	59900	2043	2044	5	54	54	67	73	88	7	5	16	30	131	30	97	752	1410
59900	60266	2044	2045	5	54	54	67	73	88	7	5	16	30	131	30	97	753	1411
60266	60631	2045	2046	5	54	54	67	73	88	7	5	16	30	131	30	97	754	1412
60631	60996	2046	2047	5	54	54	67	73	88	7	5	16	30	131	30	97	754	1414
60996	61361	2047	2048	5	54	54	67	73	88	7	5	16	30	131	30	97	755	1415
61361	61727	2048	2049	5	54	54	67	73	88	7	5	16	30	131	31	97	756	1416
61727	62092	2049	2050	5	54	54	67	73	88	7	5	16	30	131	31	97	757	1417
62092	62457	2050	2051	5	54	54	67	73	88	7	5	16	30	132	31	97	757	1418
62457	62822	2051	2052	5	54	54	67	73	88	7	5	16	30	132	31	97	758	1419
62822	63188	2052	2053	5	54	54	67	73	88	7	5	16	30	132	31	97	759	1420
63188	63553	2053	2054	5	54	54	67	73	88	7	5	16	30	132	31	97	759	1421
63553	63918	2054	2055	5	54	54	67	73	88	7	5	16	30	132	31	97	760	1422
63918	64283	2055	2056	5	54	54	67	73	88	7	5	16	30	132	31	97	761	1422
64283	64649	2056	2057	5	54	54	67	73	88	7	5	16	30	132	31	98	761	1423
64649	65014	2057	2058	5	54	54	67	73	88	7	5	16	30	132	31	98	762	1424
65014	65379	2058	2059	5	54	54	67	73	88	7	5	16	30	132	31	98	762	1425
65379	65744	2059	2060	5	54	54	67	73	88	7	5	16	30	132	31	98	763	1425
65744	66110	2060	2061	5	54	54	67	73	88	7	5	16	30	132	31	98	763	1426
66110	66475	2061	2062	5	54	54	67	73	88	7	5	16	30	132	31	98	764	1427
66475	66840	2062	2063	5	55	54	67	73	88	7	5	16	30	132	31	98	764	1427
66840	67205	2063	2064	5	55	55	67	73	88	7	5	16	31	132	31	98	765	1428
67205	67571	2064	2065	5	55	55	67	73	88	7	5	16	31	132	31	98	765	1429

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Salt Load
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)														
48943	49308	2014	2015	0.1	1.4	1.5	1.8	1.9	2.3	0.2	0.1	0.4	0.8	3.3	0.8	1.4	18.5	34.7
49308	49673	2015	2016	0.1	1.4	1.5	1.8	1.9	2.3	0.2	0.1	0.4	0.8	3.3	0.8	1.4	18.7	34.8
49673	50039	2016	2017	0.1	1.4	1.5	1.8	1.9	2.3	0.2	0.1	0.4	0.8	3.3	0.8	1.4	19.1	35.2
50039	50404	2017	2018	0.1	1.4	1.5	1.8	1.9	2.3	0.2	0.1	0.4	0.8	3.4	0.8	1.4	19.5	35.6
50404	50769	2018	2019	0.1	1.4	1.5	1.8	1.9	2.3	0.2	0.1	0.4	0.8	3.4	0.8	1.4	19.8	36.0
50769	51134	2019	2020	0.1	1.4	1.5	1.8	1.9	2.3	0.2	0.1	0.4	0.8	3.4	0.8	1.4	20.0	36.3
51134	51500	2020	2021	0.1	1.4	1.5	1.8	1.9	2.3	0.2	0.1	0.4	0.8	3.4	0.8	1.5	20.3	36.6
51500	51865	2021	2022	0.1	1.4	1.5	1.8	1.9	2.3	0.2	0.1	0.4	0.8	3.5	0.8	1.5	20.4	36.8
51865	52230	2022	2023	0.1	1.4	1.5	1.8	1.9	2.3	0.2	0.1	0.4	0.8	3.5	0.8	1.5	20.6	37.0
52230	52595	2023	2024	0.1	1.4	1.5	1.8	1.9	2.3	0.2	0.1	0.4	0.8	3.5	0.8	1.5	20.7	37.2
52595	52961	2024	2025	0.1	1.4	1.5	1.8	1.9	2.3	0.2	0.1	0.4	0.8	3.5	0.8	1.5	20.8	37.3
52961	53326	2025	2026	0.1	1.4	1.5	1.8	1.9	2.3	0.2	0.1	0.4	0.8	3.5	0.8	1.5	20.9	37.4
53326	53691	2026	2027	0.1	1.4	1.5	1.8	2.0	2.3	0.2	0.1	0.4	0.8	3.5	0.8	1.5	21.0	37.5
53691	54056	2027	2028	0.1	1.4	1.5	1.8	2.0	2.3	0.2	0.1	0.4	0.8	3.5	0.8	1.5	21.0	37.6
54056	54422	2028	2029	0.1	1.4	1.5	1.8	2.0	2.3	0.2	0.1	0.4	0.8	3.5	0.8	1.5	21.1	37.7
54422	54787	2029	2030	0.1	1.4	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.5	0.8	1.5	21.2	37.8
54787	55152	2030	2031	0.1	1.4	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.5	0.8	1.5	21.2	37.9
55152	55517	2031	2032	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.5	0.8	1.5	21.3	38.0
55517	55883	2032	2033	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.5	0.8	1.5	21.3	38.0
55883	56248	2033	2034	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.5	0.8	1.5	21.4	38.1
56248	56613	2034	2035	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.5	0.8	1.5	21.4	38.2
56613	56978	2035	2036	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	21.5	38.2
56978	57344	2036	2037	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	21.5	38.3
57344	57709	2037	2038	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	21.6	38.3
57709	58074	2038	2039	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	21.6	38.4
58074	58439	2039	2040	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	21.6	38.4
58439	58805	2040	2041	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	21.7	38.5
58805	59170	2041	2042	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	21.7	38.5
59170	59535	2042	2043	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	21.7	38.5
59535	59900	2043	2044	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	21.7	38.6
59900	60266	2044	2045	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	21.8	38.6
60266	60631	2045	2046	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	21.8	38.6
60631	60996	2046	2047	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	21.8	38.7
60996	61361	2047	2048	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	21.8	38.7
61361	61727	2048	2049	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	21.9	38.7
61727	62092	2049	2050	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	21.9	38.8
62092	62457	2050	2051	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	21.9	38.8
62457	62822	2051	2052	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	21.9	38.8
62822	63188	2052	2053	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.0	38.9
63188	63553	2053	2054	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.0	38.9
63553	63918	2054	2055	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.0	38.9
63918	64283	2055	2056	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.0	38.9
64283	64649	2056	2057	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.0	38.9
64649	65014	2057	2058	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.0	39.0
65014	65379	2058	2059	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.1	39.0
65379	65744	2059	2060	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.1	39.0
65744	66110	2060	2061	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.1	39.0
66110	66475	2061	2062	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.1	39.0
66475	66840	2062	2063	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.1	39.1
66840	67205	2063	2064	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.1	39.1
67205	67571	2064	2065	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.1	39.1

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S3C model)

				Simarloo															
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Flux
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)														
67571	67936	2065	2066	5	55	55	67	73	88	7	5	16	31	132	31	98	766	1429
67936	68301	2066	2067	5	55	55	67	73	88	7	5	16	31	132	31	98	766	1430
68301	68666	2067	2068	5	55	55	67	73	88	7	5	16	31	132	31	98	766	1430
68666	69032	2068	2069	5	55	55	67	73	88	7	5	16	31	132	31	98	767	1431
69032	69397	2069	2070	5	55	55	67	73	88	7	5	16	31	132	31	98	767	1431
69397	69762	2070	2071	5	55	55	67	74	88	7	5	16	31	132	31	98	768	1432
69762	70127	2071	2072	5	55	55	67	74	89	7	5	16	31	132	31	98	768	1432
70127	70493	2072	2073	5	55	55	67	74	89	7	5	16	31	133	31	98	768	1433
70493	70858	2073	2074	5	55	55	67	74	89	7	5	16	31	133	31	98	769	1433
70858	71223	2074	2075	5	55	55	67	74	89	7	5	16	31	133	31	98	769	1434
71223	71588	2075	2076	5	55	55	67	74	89	7	5	16	31	133	31	98	769	1434
71588	71954	2076	2077	5	55	55	67	74	89	7	5	16	31	133	31	98	770	1435
71954	72319	2077	2078	5	55	55	67	74	89	7	5	16	31	133	31	98	770	1435
72319	72684	2078	2079	5	55	55	67	74	89	7	5	16	31	133	31	98	770	1436
72684	73049	2079	2080	5	55	55	67	74	89	7	5	16	31	133	31	98	770	1436
73049	73415	2080	2081	5	55	55	67	74	89	7	5	16	31	133	31	98	771	1436
73415	73780	2081	2082	5	55	55	67	74	89	7	5	16	31	133	31	98	771	1437
73780	74145	2082	2083	5	55	55	67	74	89	7	5	16	31	133	31	98	771	1437
74145	74510	2083	2084	5	55	55	67	74	89	7	5	16	31	133	31	98	771	1437
74510	74876	2084	2085	5	55	55	67	74	89	7	5	16	31	133	31	99	772	1438
74876	75241	2085	2086	5	55	55	67	74	89	7	5	16	31	133	31	99	772	1438
75241	75606	2086	2087	5	55	55	67	74	89	7	5	16	31	133	31	99	772	1438
75606	75971	2087	2088	5	55	55	67	74	89	7	5	16	31	133	31	99	772	1439
75971	76337	2088	2089	5	55	55	67	74	89	7	5	16	31	133	31	99	773	1439
76337	76702	2089	2090	5	55	55	67	74	89	7	5	16	31	133	31	99	773	1439
76702	77067	2090	2091	5	55	55	67	74	89	7	5	16	31	133	31	99	773	1440
77067	77432	2091	2092	5	55	55	67	74	89	7	5	16	31	133	31	99	773	1440
77432	77798	2092	2093	5	55	55	67	74	89	7	5	16	31	133	31	99	773	1440
77798	78163	2093	2094	5	55	55	67	74	89	7	5	16	31	133	31	99	774	1441
78163	78528	2094	2095	5	55	55	67	74	89	7	5	16	31	133	31	99	774	1441
78528	78893	2095	2096	5	55	55	67	74	89	7	5	16	31	133	31	99	774	1441
78893	79259	2096	2097	5	55	55	67	74	89	7	5	16	31	133	31	99	774	1441
79259	79624	2097	2098	5	55	55	68	74	89	7	5	16	31	133	31	99	774	1442
79624	79989	2098	2099	5	55	55	68	74	89	7	5	16	31	133	31	99	775	1442
79989	80354	2099	2100	5	55	55	68	74	89	7	5	16	31	133	31	99	775	1442
80354	80719	2100	2101	5	55	55	68	74	89	7	5	16	31	133	31	99	775	1442
80719	81084	2101	2102	5	55	55	68	74	89	7	5	16	31	133	31	99	775	1443
81084	81449	2102	2103	5	55	55	68	74	89	7	5	16	31	133	31	99	775	1443
81449	81814	2103	2104	5	55	55	68	74	89	7	5	16	31	133	31	99	775	1443
81814	82180	2104	2105	5	55	55	68	74	89	7	5	16	31	133	31	99	776	1443
82180	82545	2105	2106	5	55	55	68	74	89	8	5	16	31	133	31	99	776	1444
82545	82910	2106	2107	5	55	55	68	74	89	8	5	16	31	133	31	99	776	1444
82910	83275	2107	2108	5	55	55	68	74	89	8	5	16	31	133	31	99	776	1444
83275	83641	2108	2109	5	55	55	68	74	89	7	5	16	31	133	31	99	776	1444
83641	84006	2109	2110	5	55	55	68	74	89	8	5	16	31	133	31	99	776	1444
84006	84371	2110	2111	5	55	55	68	74	89	8	5	16	31	133	31	99	776	1445
84371	84736	2111	2112	5	55	55	68	74	89	8	5	16	31	133	31	99	777	1445
84736	85102	2112	2113	5	55	55	68	74	89	8	5	16	31	133	31	99	777	1445
85102	85467	2113	2114	5	55	55	68	74	89	8	5	16	31	133	31	99	777	1445

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Salt Load
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)														
67571	67936	2065	2066	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.1	39.1
67936	68301	2066	2067	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.2	39.1
68301	68666	2067	2068	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.2	39.1
68666	69032	2068	2069	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.2	39.2
69032	69397	2069	2070	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.2	39.2
69397	69762	2070	2071	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.2	39.2
69762	70127	2071	2072	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.2	39.2
70127	70493	2072	2073	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.2	39.2
70493	70858	2073	2074	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.2	39.2
70858	71223	2074	2075	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.2	39.2
71223	71588	2075	2076	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.3	39.3
71588	71954	2076	2077	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.3	39.3
71954	72319	2077	2078	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.3	39.3
72319	72684	2078	2079	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.3	39.3
72684	73049	2079	2080	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.3	39.3
73049	73415	2080	2081	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.3	39.3
73415	73780	2081	2082	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.3	39.3
73780	74145	2082	2083	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.3	39.3
74145	74510	2083	2084	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.3	39.3
74510	74876	2084	2085	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.3	39.4
74876	75241	2085	2086	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.3	39.4
75241	75606	2086	2087	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.3	39.4
75606	75971	2087	2088	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.3	39.4
75971	76337	2088	2089	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.3	39.4
76337	76702	2089	2090	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.4	39.4
76702	77067	2090	2091	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.4	39.4
77067	77432	2091	2092	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.4	39.4
77432	77798	2092	2093	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.4	39.4
77798	78163	2093	2094	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.4	39.4
78163	78528	2094	2095	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.5	22.4	39.4
78528	78893	2095	2096	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.6	22.4	39.4
78893	79259	2096	2097	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.6	22.4	39.5
79259	79624	2097	2098	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.6	22.4	39.5
79624	79989	2098	2099	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.6	22.4	39.5
79989	80354	2099	2100	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.6	22.4	39.5
80354	80719	2100	2101	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.6	22.4	39.5
80719	81084	2101	2102	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.6	22.4	39.5
81084	81449	2102	2103	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.6	22.4	39.5
81449	81814	2103	2104	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.6	22.4	39.5
81814	82180	2104	2105	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.6	22.4	39.5
82180	82545	2105	2106	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.6	22.4	39.5
82545	82910	2106	2107	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.6	22.4	39.5
82910	83275	2107	2108	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.6	22.4	39.5
83275	83641	2108	2109	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.6	22.5	39.5
83641	84006	2109	2110	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.6	22.5	39.5
84006	84371	2110	2111	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.6	22.5	39.5
84371	84736	2111	2112	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.6	22.5	39.5
84736	85102	2112	2113	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.6	22.5	39.5
85102	85467	2113	2114	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.4	0.8	3.6	0.8	1.6	22.5	39.6

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S3C model)

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Flux
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)								
0	1	1880	1880	0	827	78	4	128	218	38	237	1530
1	1827	1880	1885	0	827	78	4	128	218	38	237	1530
1827	3653	1885	1890	0	827	78	4	128	218	38	237	1530
3653	5479	1890	1895	0	827	78	4	128	218	38	237	1530
5479	7305	1895	1900	0	827	78	4	128	218	38	237	1530
7305	9131	1900	1905	0	827	78	4	128	218	38	237	1530
9131	10957	1905	1910	0	827	78	4	128	218	38	237	1530
10957	12783	1910	1915	0	827	78	4	128	218	38	237	1530
12783	14609	1915	1920	0	827	78	4	128	218	38	237	1530
14609	16436	1920	1925	0	827	78	4	128	218	38	237	1530
16436	18262	1925	1930	0	827	78	4	128	218	38	237	1530
18262	20088	1930	1935	0	827	78	4	128	218	38	237	1530
20088	21914	1935	1940	0	827	78	4	128	218	38	237	1530
21914	23741	1940	1945	0	827	78	4	128	218	38	237	1530
23741	25567	1945	1950	0	827	78	4	128	218	38	237	1530
25567	27393	1950	1955	0	827	78	4	128	218	38	237	1530
27393	29219	1955	1960	0	827	78	4	128	218	48	278	1581
29219	31046	1960	1965	0	827	78	4	128	219	57	326	1640
31046	32872	1965	1970	0	827	78	4	128	220	63	349	1670
32872	34698	1970	1975	0	827	78	4	129	221	67	369	1696
34698	36524	1975	1980	0	827	78	5	130	223	104	609	1977
36524	37255	1980	1982	0	827	78	5	130	224	157	659	2080
37255	37985	1982	1984	0	827	79	5	131	226	178	694	2139
37985	38351	1984	1985	0	827	79	5	131	226	185	707	2160
38351	38716	1985	1986	0	827	79	5	131	227	190	718	2177
38716	39446	1986	1988	0	827	79	5	132	228	198	736	2204
39446	39812	1988	1989	0	827	79	5	132	228	201	743	2215
39812	40177	1989	1990	0	827	79	5	132	228	204	750	2225
40177	40542	1990	1991	0	827	79	5	132	229	206	755	2232
40542	40907	1991	1992	0	827	79	5	132	229	207	758	2238
40907	41273	1992	1993	0	827	79	5	132	229	209	761	2242
41273	41638	1993	1994	0	827	79	5	132	229	210	762	2245
41638	42003	1994	1995	0	827	79	5	132	230	211	763	2246
42003	42368	1995	1996	0	827	79	5	133	230	211	763	2248
42368	42734	1996	1997	0	828	79	5	133	230	214	762	2251
42734	43099	1997	1998	0	828	79	5	133	231	217	762	2255
43099	43464	1998	1999	0	828	79	5	134	232	220	761	2258
43464	43829	1999	2000	0	828	79	5	134	232	219	756	2253
43829	44195	2000	2001	0	828	79	5	134	232	219	751	2248
44195	44560	2001	2002	0	828	79	6	134	233	221	743	2243
44560	44925	2002	2003	0	828	79	6	135	233	222	734	2236
44925	45290	2003	2004	0	828	79	6	135	233	221	724	2226
45290	45656	2004	2005	0	828	79	6	135	233	218	713	2211
45656	46021	2005	2006	0	828	79	6	135	233	212	700	2192
46021	46386	2006	2007	0	828	79	6	135	233	205	685	2171
46386	46751	2007	2008	0	828	79	6	135	233	199	670	2148
46751	47117	2008	2009	0	828	79	6	134	233	194	654	2127
47117	47482	2009	2010	0	828	79	6	134	232	191	642	2111
47482	47847	2010	2011	0	828	79	6	134	232	188	633	2099
47847	48212	2011	2012	0	828	79	5	134	232	185	626	2089
48212	48578	2012	2013	0	828	79	5	134	231	181	620	2079
48578	48943	2013	2014	0	828	79	5	134	231	178	616	2070

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Salt Load
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)								
0	1	1880	1880	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
1	1827	1880	1885	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
1827	3653	1885	1890	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
3653	5479	1890	1895	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
5479	7305	1895	1900	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
7305	9131	1900	1905	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
9131	10957	1905	1910	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
10957	12783	1910	1915	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
12783	14609	1915	1920	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
14609	16436	1920	1925	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
16436	18262	1925	1930	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
18262	20088	1930	1935	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
20088	21914	1935	1940	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
21914	23741	1940	1945	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
23741	25567	1945	1950	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
25567	27393	1950	1955	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
27393	29219	1955	1960	0.0	0.8	0.1	0.0	0.1	5.3	1.5	11.7	19.4
29219	31046	1960	1965	0.0	0.8	0.1	0.0	0.1	5.3	1.8	13.7	21.8
31046	32872	1965	1970	0.0	0.8	0.1	0.0	0.1	5.3	2.0	14.6	22.9
32872	34698	1970	1975	0.0	0.8	0.1	0.0	0.1	5.3	2.1	15.5	24.0
34698	36524	1975	1980	0.0	0.8	0.1	0.0	0.1	5.4	3.4	25.6	35.3
36524	37255	1980	1982	0.0	0.8	0.1	0.0	0.1	5.4	5.0	27.7	39.1
37255	37985	1982	1984	0.0	0.8	0.1	0.0	0.1	5.5	5.7	29.1	41.3
37985	38351	1984	1985	0.0	0.8	0.1	0.0	0.1	5.5	6.0	29.7	42.1
38351	38716	1985	1986	0.0	0.8	0.1	0.0	0.1	5.5	6.1	30.2	42.7
38716	39446	1986	1988	0.0	0.8	0.1	0.0	0.1	5.5	6.4	30.9	43.7
39446	39812	1988	1989	0.0	0.8	0.1	0.0	0.1	5.5	6.5	31.2	44.1
39812	40177	1989	1990	0.0	0.8	0.1	0.0	0.1	5.5	6.6	31.5	44.5
40177	40542	1990	1991	0.0	0.8	0.1	0.0	0.1	5.5	6.6	31.7	44.8
40542	40907	1991	1992	0.0	0.8	0.1	0.0	0.1	5.5	6.7	31.8	45.0
40907	41273	1992	1993	0.0	0.8	0.1	0.0	0.1	5.5	6.7	31.9	45.2
41273	41638	1993	1994	0.0	0.8	0.1	0.0	0.1	5.5	6.8	32.0	45.3
41638	42003	1994	1995	0.0	0.8	0.1	0.0	0.1	5.6	6.8	32.0	45.3
42003	42368	1995	1996	0.0	0.8	0.1	0.0	0.1	5.6	6.8	32.0	45.3
42368	42734	1996	1997	0.0	0.8	0.1	0.0	0.1	5.6	6.9	32.0	45.4
42734	43099	1997	1998	0.0	0.8	0.1	0.0	0.1	5.6	7.0	32.0	45.5
43099	43464	1998	1999	0.0	0.8	0.1	0.0	0.1	5.6	7.1	32.0	45.6
43464	43829	1999	2000	0.0	0.8	0.1	0.0	0.1	5.6	7.1	31.7	45.4
43829	44195	2000	2001	0.0	0.8	0.1	0.0	0.1	5.6	7.0	31.5	45.1
44195	44560	2001	2002	0.0	0.8	0.1	0.0	0.1	5.6	7.1	31.2	44.9
44560	44925	2002	2003	0.0	0.8	0.1	0.0	0.1	5.6	7.1	30.8	44.6
44925	45290	2003	2004	0.0	0.8	0.1	0.0	0.1	5.6	7.1	30.4	44.1
45290	45656	2004	2005	0.0	0.8	0.1	0.0	0.1	5.6	7.0	29.9	43.5
45656	46021	2005	2006	0.0	0.8	0.1	0.0	0.1	5.6	6.8	29.4	42.8
46021	46386	2006	2007	0.0	0.8	0.1	0.0	0.1	5.6	6.6	28.8	42.0
46386	46751	2007	2008	0.0	0.8	0.1	0.0	0.1	5.6	6.4	28.1	41.1
46751	47117	2008	2009	0.0	0.8	0.1	0.0	0.1	5.6	6.3	27.5	40.3
47117	47482	2009	2010	0.0	0.8	0.1	0.0	0.1	5.6	6.1	27.0	39.7
47482	47847	2010	2011	0.0	0.8	0.1	0.0	0.1	5.6	6.0	26.6	39.2
47847	48212	2011	2012	0.0	0.8	0.1	0.0	0.1	5.6	5.9	26.3	38.8
48212	48578	2012	2013	0.0	0.8	0.1	0.0	0.1	5.6	5.8	26.1	38.4
48578	48943	2013	2014	0.0	0.8	0.1	0.0	0.1	5.6	5.7	25.9	38.1

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S3C model)

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Flux
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)								
48943	49308	2014	2015	0	828	79	5	133	230	175	611	2062
49308	49673	2015	2016	0	828	79	5	133	230	172	618	2065
49673	50039	2016	2017	0	828	79	5	133	230	169	627	2071
50039	50404	2017	2018	0	828	79	5	133	230	168	633	2076
50404	50769	2018	2019	0	828	79	5	133	230	167	638	2080
50769	51134	2019	2020	0	828	79	5	133	229	166	643	2083
51134	51500	2020	2021	0	828	79	5	133	229	166	646	2087
51500	51865	2021	2022	0	828	79	5	133	230	166	652	2092
51865	52230	2022	2023	0	828	79	5	133	230	166	657	2098
52230	52595	2023	2024	0	828	79	5	133	230	166	663	2103
52595	52961	2024	2025	0	828	79	5	133	230	166	668	2109
52961	53326	2025	2026	0	828	79	5	133	230	167	673	2115
53326	53691	2026	2027	0	828	79	5	133	230	167	680	2123
53691	54056	2027	2028	0	828	79	5	133	230	168	687	2131
54056	54422	2028	2029	0	828	79	5	133	230	169	693	2138
54422	54787	2029	2030	0	828	79	5	134	230	171	699	2145
54787	55152	2030	2031	0	828	79	5	134	230	172	704	2151
55152	55517	2031	2032	0	828	79	5	134	230	173	708	2157
55517	55883	2032	2033	0	828	79	5	134	230	174	712	2162
55883	56248	2033	2034	0	828	79	5	134	231	174	715	2166
56248	56613	2034	2035	0	828	79	5	134	231	175	718	2170
56613	56978	2035	2036	0	828	79	5	134	231	176	721	2174
56978	57344	2036	2037	0	828	79	5	134	231	177	724	2177
57344	57709	2037	2038	0	828	79	5	134	231	178	726	2181
57709	58074	2038	2039	0	828	79	5	134	231	178	728	2183
58074	58439	2039	2040	0	828	79	5	134	231	179	730	2186
58439	58805	2040	2041	0	828	79	5	134	231	180	731	2188
58805	59170	2041	2042	0	828	79	5	134	231	180	733	2191
59170	59535	2042	2043	0	828	79	5	134	231	181	734	2193
59535	59900	2043	2044	0	828	79	5	134	231	181	736	2195
59900	60266	2044	2045	0	828	79	5	134	231	182	737	2197
60266	60631	2045	2046	0	828	79	5	134	231	182	738	2198
60631	60996	2046	2047	0	828	79	5	134	231	183	739	2200
60996	61361	2047	2048	0	828	79	5	134	231	183	740	2201
61361	61727	2048	2049	0	828	79	5	134	232	184	741	2203
61727	62092	2049	2050	0	828	79	5	134	232	184	742	2204
62092	62457	2050	2051	0	828	79	5	134	232	184	743	2206
62457	62822	2051	2052	0	828	79	6	134	232	185	744	2207
62822	63188	2052	2053	0	828	79	6	134	232	185	745	2208
63188	63553	2053	2054	0	828	79	6	134	232	186	745	2210
63553	63918	2054	2055	0	828	79	6	134	232	186	746	2211
63918	64283	2055	2056	0	828	79	6	134	232	186	747	2212
64283	64649	2056	2057	0	828	79	6	134	232	187	747	2213
64649	65014	2057	2058	0	828	79	6	134	232	187	748	2214
65014	65379	2058	2059	0	828	79	6	134	232	187	749	2215
65379	65744	2059	2060	0	828	79	6	134	232	188	749	2216
65744	66110	2060	2061	0	828	79	6	134	232	188	750	2217
66110	66475	2061	2062	0	828	79	6	134	232	188	750	2218
66475	66840	2062	2063	0	828	79	6	134	232	189	751	2219
66840	67205	2063	2064	0	828	79	6	135	232	189	751	2220
67205	67571	2064	2065	0	828	79	6	135	232	189	752	2220

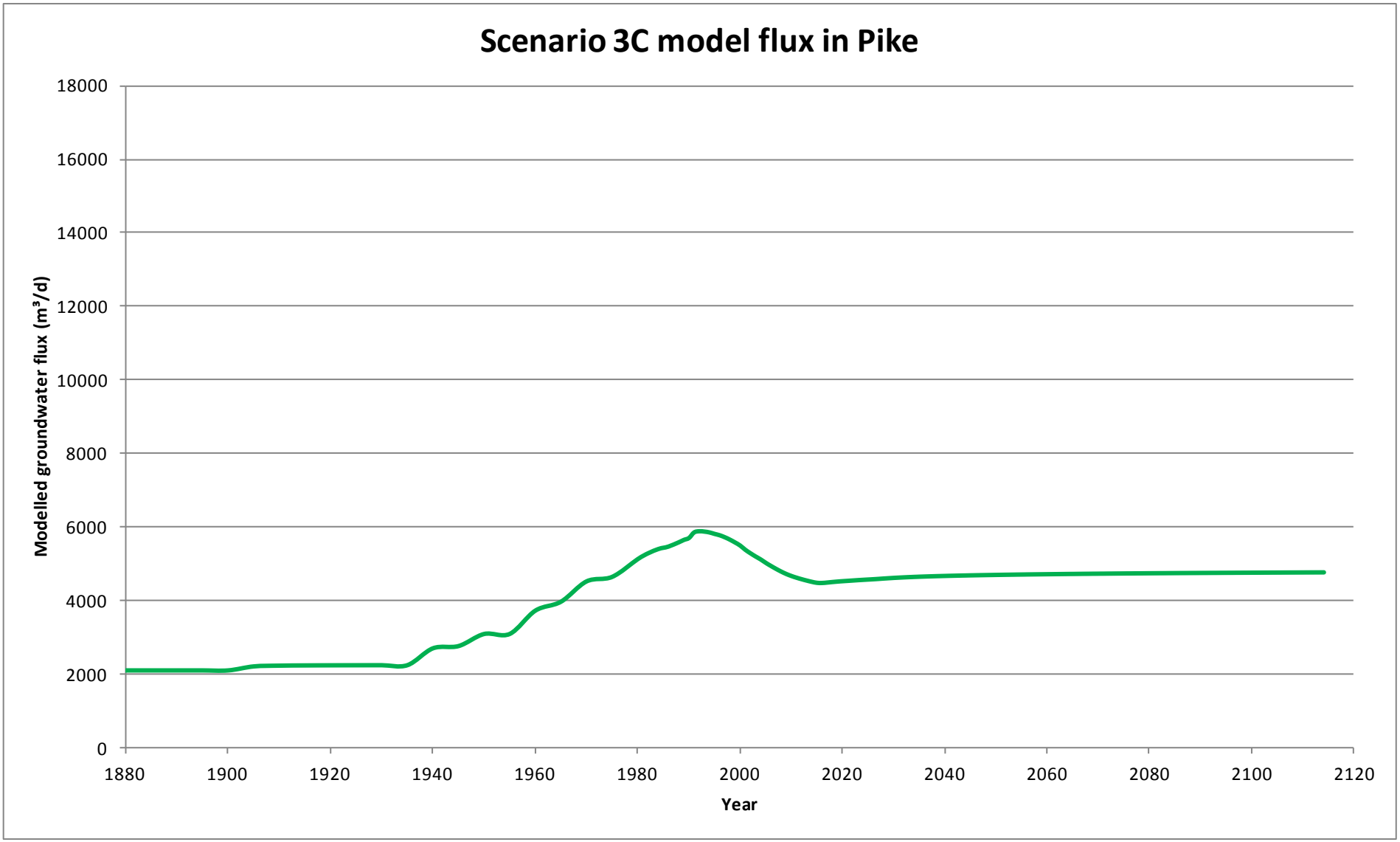
				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Salt Load
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)								
48943	49308	2014	2015	0.0	0.8	0.1	0.0	0.1	5.6	5.6	25.7	37.8
49308	49673	2015	2016	0.0	0.8	0.1	0.0	0.1	5.6	5.5	26.0	38.0
49673	50039	2016	2017	0.0	0.8	0.1	0.0	0.1	5.6	5.5	26.3	38.3
50039	50404	2017	2018	0.0	0.8	0.1	0.0	0.1	5.6	5.4	26.6	38.5
50404	50769	2018	2019	0.0	0.8	0.1	0.0	0.1	5.5	5.4	26.8	38.7
50769	51134	2019	2020	0.0	0.8	0.1	0.0	0.1	5.5	5.4	27.0	38.8
51134	51500	2020	2021	0.0	0.8	0.1	0.0	0.1	5.5	5.3	27.2	39.0
51500	51865	2021	2022	0.0	0.8	0.1	0.0	0.1	5.5	5.3	27.4	39.2
51865	52230	2022	2023	0.0	0.8	0.1	0.0	0.1	5.6	5.3	27.6	39.4
52230	52595	2023	2024	0.0	0.8	0.1	0.0	0.1	5.6	5.3	27.8	39.7
52595	52961	2024	2025	0.0	0.8	0.1	0.0	0.1	5.6	5.4	28.0	39.9
52961	53326	2025	2026	0.0	0.8	0.1	0.0	0.1	5.6	5.4	28.3	40.1
53326	53691	2026	2027	0.0	0.8	0.1	0.0	0.1	5.6	5.4	28.5	40.4
53691	54056	2027	2028	0.0	0.8	0.1	0.0	0.1	5.6	5.4	28.8	40.8
54056	54422	2028	2029	0.0	0.8	0.1	0.0	0.1	5.6	5.5	29.1	41.1
54422	54787	2029	2030	0.0	0.8	0.1	0.0	0.1	5.6	5.5	29.3	41.4
54787	55152	2030	2031	0.0	0.8	0.1	0.0	0.1	5.6	5.5	29.6	41.6
55152	55517	2031	2032	0.0	0.8	0.1	0.0	0.1	5.6	5.6	29.7	41.8
55517	55883	2032	2033	0.0	0.8	0.1	0.0	0.1	5.6	5.6	29.9	42.0
55883	56248	2033	2034	0.0	0.8	0.1	0.0	0.1	5.6	5.6	30.0	42.2
56248	56613	2034	2035	0.0	0.8	0.1	0.0	0.1	5.6	5.6	30.2	42.3
56613	56978	2035	2036	0.0	0.8	0.1	0.0	0.1	5.6	5.7	30.3	42.5
56978	57344	2036	2037	0.0	0.8	0.1	0.0	0.1	5.6	5.7	30.4	42.6
57344	57709	2037	2038	0.0	0.8	0.1	0.0	0.1	5.6	5.7	30.5	42.7
57709	58074	2038	2039	0.0	0.8	0.1	0.0	0.1	5.6	5.7	30.6	42.8
58074	58439	2039	2040	0.0	0.8	0.1	0.0	0.1	5.6	5.8	30.6	42.9
58439	58805	2040	2041	0.0	0.8	0.1	0.0	0.1	5.6	5.8	30.7	43.0
58805	59170	2041	2042	0.0	0.8	0.1	0.0	0.1	5.6	5.8	30.8	43.1
59170	59535	2042	2043	0.0	0.8	0.1	0.0	0.1	5.6	5.8	30.8	43.2
59535	59900	2043	2044	0.0	0.8	0.1	0.0	0.1	5.6	5.8	30.9	43.3
59900	60266	2044	2045	0.0	0.8	0.1	0.0	0.1	5.6	5.9	30.9	43.3
60266	60631	2045	2046	0.0	0.8	0.1	0.0	0.1	5.6	5.9	31.0	43.4
60631	60996	2046	2047	0.0	0.8	0.1	0.0	0.1	5.6	5.9	31.0	43.5
60996	61361	2047	2048	0.0	0.8	0.1	0.0	0.1	5.6	5.9	31.1	43.5
61361	61727	2048	2049	0.0	0.8	0.1	0.0	0.1	5.6	5.9	31.1	43.6
61727	62092	2049	2050	0.0	0.8	0.1	0.0	0.1	5.6	5.9	31.2	43.6
62092	62457	2050	2051	0.0	0.8	0.1	0.0	0.1	5.6	5.9	31.2	43.7
62457	62822	2051	2052	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.2	43.7
62822	63188	2052	2053	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.3	43.8
63188	63553	2053	2054	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.3	43.8
63553	63918	2054	2055	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.3	43.9
63918	64283	2055	2056	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.4	43.9
64283	64649	2056	2057	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.4	44.0
64649	65014	2057	2058	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.4	44.0
65014	65379	2058	2059	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.4	44.0
65379	65744	2059	2060	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.5	44.1
65744	66110	2060	2061	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.5	44.1
66110	66475	2061	2062	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.5	44.1
66475	66840	2062	2063	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.5	44.2
66840	67205	2063	2064	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.6	44.2
67205	67571	2064	2065	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.6	44.2

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S3C model)

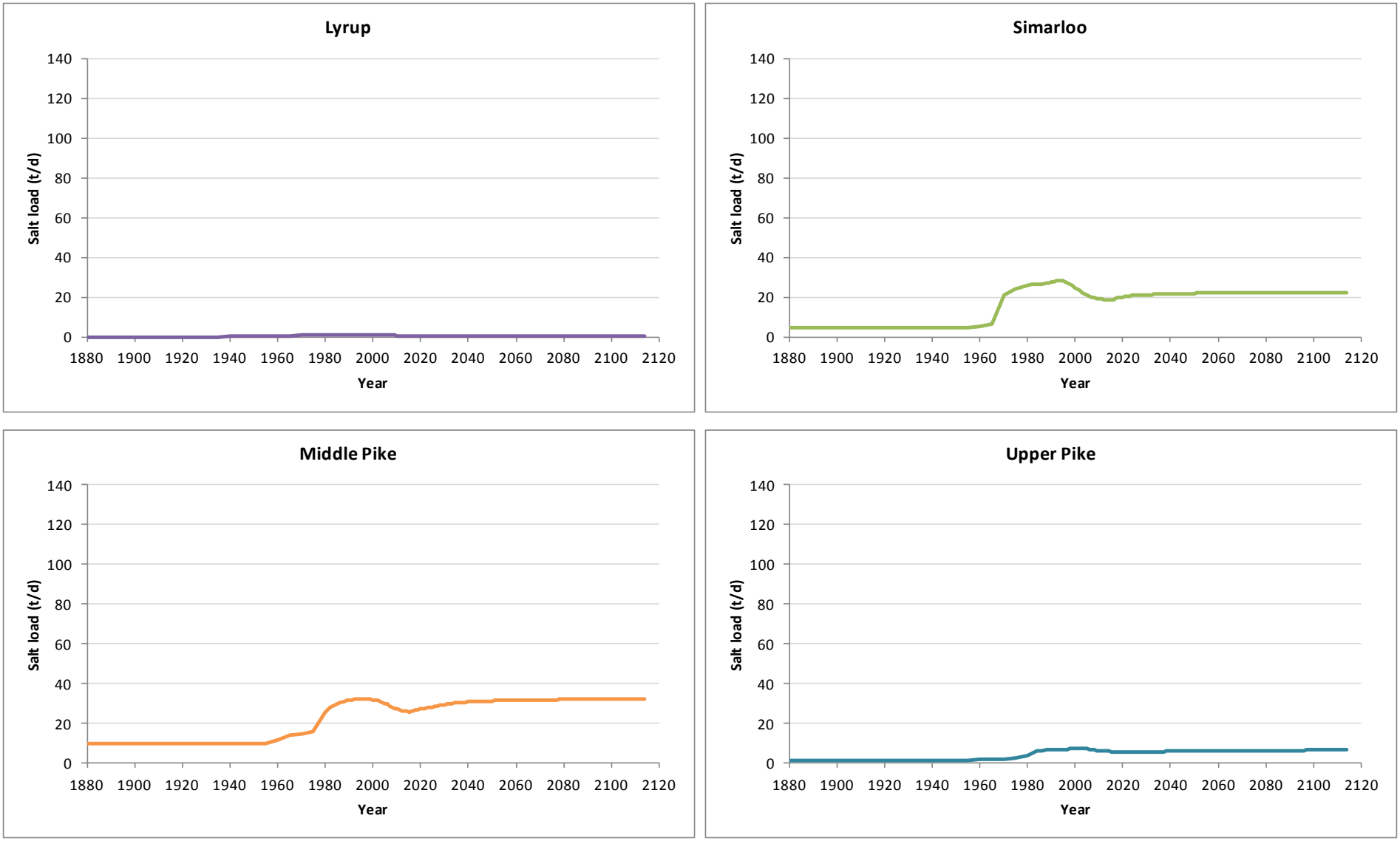
				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Flux
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)								
67571	67936	2065	2066	0	828	79	6	135	232	189	752	2221
67936	68301	2066	2067	0	828	79	6	135	232	190	753	2222
68301	68666	2067	2068	0	828	79	6	135	232	190	753	2223
68666	69032	2068	2069	0	828	79	6	135	232	190	754	2223
69032	69397	2069	2070	0	828	79	6	135	232	191	754	2224
69397	69762	2070	2071	0	828	79	6	135	232	191	755	2225
69762	70127	2071	2072	0	828	79	6	135	232	191	755	2226
70127	70493	2072	2073	0	828	79	6	135	232	191	756	2226
70493	70858	2073	2074	0	828	79	6	135	232	192	756	2227
70858	71223	2074	2075	0	828	79	6	135	232	192	756	2228
71223	71588	2075	2076	0	828	79	6	135	232	192	757	2228
71588	71954	2076	2077	0	828	79	6	135	232	192	757	2229
71954	72319	2077	2078	0	828	79	6	135	232	192	757	2230
72319	72684	2078	2079	0	828	79	6	135	232	193	758	2230
72684	73049	2079	2080	0	828	79	6	135	232	193	758	2231
73049	73415	2080	2081	0	828	79	6	135	232	193	758	2231
73415	73780	2081	2082	0	828	79	6	135	232	193	759	2232
73780	74145	2082	2083	0	828	79	6	135	232	193	759	2232
74145	74510	2083	2084	0	828	79	6	135	232	194	759	2233
74510	74876	2084	2085	0	828	79	6	135	232	194	760	2233
74876	75241	2085	2086	0	828	79	6	135	232	194	760	2234
75241	75606	2086	2087	0	828	79	6	135	232	194	760	2234
75606	75971	2087	2088	0	828	79	6	135	232	194	760	2235
75971	76337	2088	2089	0	828	79	6	135	233	195	761	2235
76337	76702	2089	2090	0	828	79	6	135	233	195	761	2236
76702	77067	2090	2091	0	828	79	6	135	233	195	761	2236
77067	77432	2091	2092	0	828	79	6	135	233	195	762	2237
77432	77798	2092	2093	0	828	79	6	135	233	195	762	2237
77798	78163	2093	2094	0	828	79	6	135	233	195	762	2238
78163	78528	2094	2095	0	828	79	6	135	233	196	762	2238
78528	78893	2095	2096	0	828	79	6	135	233	196	763	2239
78893	79259	2096	2097	0	828	79	6	135	233	196	763	2239
79259	79624	2097	2098	0	828	79	6	135	233	196	763	2239
79624	79989	2098	2099	0	828	79	6	135	233	196	763	2240
79989	80354	2099	2100	0	828	79	6	135	233	196	763	2240
80354	80719	2100	2101	0	828	79	6	135	233	196	764	2241
80719	81084	2101	2102	0	828	79	6	135	233	197	764	2241
81084	81449	2102	2103	0	828	79	6	135	233	197	764	2241
81449	81814	2103	2104	0	828	79	6	135	233	197	764	2242
81814	82180	2104	2105	0	828	79	6	135	233	197	765	2242
82180	82545	2105	2106	0	828	79	6	135	233	197	765	2242
82545	82910	2106	2107	0	828	79	6	135	233	197	765	2243
82910	83275	2107	2108	0	828	79	6	135	233	197	765	2243
83275	83641	2108	2109	0	828	79	6	135	233	198	765	2243
83641	84006	2109	2110	0	828	79	6	135	233	198	766	2244
84006	84371	2110	2111	0	828	79	6	135	233	198	766	2244
84371	84736	2111	2112	0	828	79	6	135	233	198	766	2244
84736	85102	2112	2113	0	828	79	6	135	233	198	766	2245
85102	85467	2113	2114	0	828	79	6	135	233	198	766	2245

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Salt Load
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)								
67571	67936	2065	2066	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.6	44.3
67936	68301	2066	2067	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.6	44.3
68301	68666	2067	2068	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.6	44.3
68666	69032	2068	2069	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.7	44.4
69032	69397	2069	2070	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.7	44.4
69397	69762	2070	2071	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.7	44.4
69762	70127	2071	2072	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.7	44.4
70127	70493	2072	2073	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.7	44.5
70493	70858	2073	2074	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.7	44.5
70858	71223	2074	2075	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.8	44.5
71223	71588	2075	2076	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.8	44.5
71588	71954	2076	2077	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.8	44.6
71954	72319	2077	2078	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.8	44.6
72319	72684	2078	2079	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.8	44.6
72684	73049	2079	2080	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.8	44.6
73049	73415	2080	2081	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.9	44.6
73415	73780	2081	2082	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.9	44.7
73780	74145	2082	2083	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.9	44.7
74145	74510	2083	2084	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.9	44.7
74510	74876	2084	2085	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.9	44.7
74876	75241	2085	2086	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.9	44.7
75241	75606	2086	2087	0.0	0.8	0.1	0.0	0.1	5.6	6.3	31.9	44.8
75606	75971	2087	2088	0.0	0.8	0.1	0.0	0.1	5.6	6.3	31.9	44.8
75971	76337	2088	2089	0.0	0.8	0.1	0.0	0.1	5.6	6.3	32.0	44.8
76337	76702	2089	2090	0.0	0.8	0.1	0.0	0.1	5.6	6.3	32.0	44.8
76702	77067	2090	2091	0.0	0.8	0.1	0.0	0.1	5.6	6.3	32.0	44.8
77067	77432	2091	2092	0.0	0.8	0.1	0.0	0.1	5.6	6.3	32.0	44.8
77432	77798	2092	2093	0.0	0.8	0.1	0.0	0.1	5.6	6.3	32.0	44.9
77798	78163	2093	2094	0.0	0.8	0.1	0.0	0.1	5.6	6.3	32.0	44.9
78163	78528	2094	2095	0.0	0.8	0.1	0.0	0.1	5.6	6.3	32.0	44.9
78528	78893	2095	2096	0.0	0.8	0.1	0.0	0.1	5.6	6.3	32.0	44.9
78893	79259	2096	2097	0.0	0.8	0.1	0.0	0.1	5.6	6.3	32.0	44.9
79259	79624	2097	2098	0.0	0.8	0.1	0.0	0.1	5.6	6.3	32.0	44.9
79624	79989	2098	2099	0.0	0.8	0.1	0.0	0.1	5.6	6.3	32.1	45.0
79989	80354	2099	2100	0.0	0.8	0.1	0.0	0.1	5.6	6.3	32.1	45.0
80354	80719	2100	2101	0.0	0.8	0.1	0.0	0.1	5.6	6.3	32.1	45.0
80719	81084	2101	2102	0.0	0.8	0.1	0.0	0.1	5.6	6.3	32.1	45.0
81084	81449	2102	2103	0.0	0.8	0.1	0.0	0.1	5.6	6.3	32.1	45.0
81449	81814	2103	2104	0.0	0.8	0.1	0.0	0.1	5.6	6.3	32.1	45.0
81814	82180	2104	2105	0.0	0.8	0.1	0.0	0.1	5.6	6.3	32.1	45.0
82180	82545	2105	2106	0.0	0.8	0.1	0.0	0.1	5.6	6.3	32.1	45.0
82545	82910	2106	2107	0.0	0.8	0.1	0.0	0.1	5.6	6.4	32.1	45.1
82910	83275	2107	2108	0.0	0.8	0.1	0.0	0.1	5.6	6.4	32.1	45.1
83275	83641	2108	2109	0.0	0.8	0.1	0.0	0.1	5.6	6.4	32.1	45.1
83641	84006	2109	2110	0.0	0.8	0.1	0.0	0.1	5.6	6.4	32.2	45.1
84006	84371	2110	2111	0.0	0.8	0.1	0.0	0.1	5.6	6.4	32.2	45.1
84371	84736	2111	2112	0.0	0.8	0.1	0.0	0.1	5.6	6.4	32.2	45.1
84736	85102	2112	2113	0.0	0.8	0.1	0.0	0.1	5.6	6.4	32.2	45.1
85102	85467	2113	2114	0.0	0.8	0.1	0.0	0.1	5.6	6.4	32.2	45.1

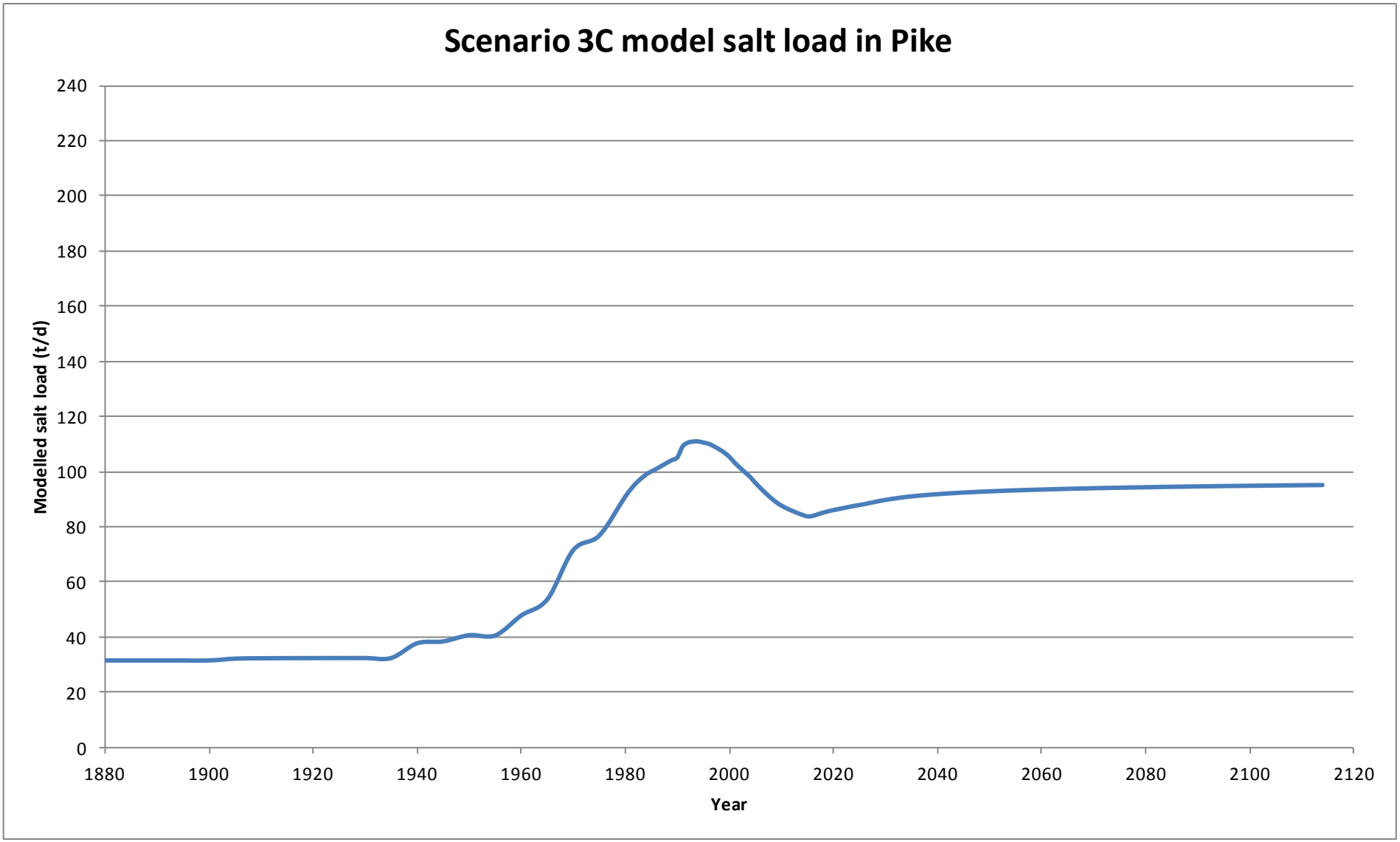
B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S3C model)



B-3. Graph of modelled groundwater flux (m³/d) entering the River Murray in Pike (S3C model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Pike (S3C model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Pike (S3C model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
0	1	1880	1880	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1827	1880	1885	0	0	0	0	0	0	0	0	0	0	0	0	0
1827	3653	1885	1890	0	0	0	0	0	0	0	0	0	0	0	0	0
3653	5479	1890	1895	0	0	0	0	0	0	0	0	0	0	0	0	0
5479	7305	1895	1900	0	0	0	0	0	0	0	0	0	0	0	0	0
7305	9131	1900	1905	0	0	0	0	0	0	0	0	0	0	0	0	0
9131	10957	1905	1910	0	0	0	0	0	0	0	0	0	0	0	0	0
10957	12783	1910	1915	0	0	0	0	0	0	0	0	0	0	0	0	0
12783	14609	1915	1920	0	0	0	0	0	0	0	0	0	0	0	0	0
14609	16436	1920	1925	0	0	0	0	0	0	0	0	0	0	0	0	0
16436	18262	1925	1930	0	0	0	0	0	0	0	0	0	0	0	0	0
18262	20088	1930	1935	0	0	0	0	0	0	0	0	0	0	0	0	0
20088	21914	1935	1940	0	0	0	0	0	0	0	0	0	0	0	0	0
21914	23741	1940	1945	0	0	0	0	0	0	0	0	0	0	0	0	0
23741	25567	1945	1950	0	0	0	0	0	0	0	0	0	0	0	0	0
25567	27393	1950	1955	0	0	0	0	0	0	0	0	0	0	0	0	0
27393	29219	1955	1960	0	0	0	0	0	0	0	0	0	0	0	0	0
29219	31046	1960	1965	0	0	0	0	0	0	0	0	0	0	0	0	0
31046	32872	1965	1970	0	0	0	0	0	0	0	0	0	0	0	0	0
32872	34698	1970	1975	0	0	67	41	0	0	0	0	0	0	0	0	108
34698	36524	1975	1980	0	0	73	46	0	0	0	0	0	0	0	0	119
36524	37255	1980	1982	6	0	85	53	0	0	0	0	0	0	0	0	144
37255	37985	1982	1984	7	0	91	57	0	0	0	0	0	0	0	0	154
37985	38351	1984	1985	7	0	92	58	0	0	0	0	0	0	0	0	157
38351	38716	1985	1986	6	0	78	57	0	0	0	0	0	0	0	0	141
38716	39446	1986	1988	6	0	79	58	0	0	0	0	0	0	0	0	142
39446	39812	1988	1989	6	0	79	59	0	0	0	0	0	0	0	0	144
39812	40177	1989	1990	6	0	80	59	0	0	0	0	0	0	0	0	145
40177	40542	1990	1991	7	0	93	68	0	0	0	0	0	0	0	0	168
40542	40907	1991	1992	8	0	104	76	0	0	0	0	0	0	0	0	188
40907	41273	1992	1993	8	0	111	81	0	0	0	0	0	0	0	0	199
41273	41638	1993	1994	9	0	115	84	0	0	0	0	0	0	0	0	207
41638	42003	1994	1995	9	0	118	86	0	0	0	0	0	0	0	0	213
42003	42368	1995	1996	9	0	120	88	0	0	0	0	0	0	0	0	217
42368	42734	1996	1997	9	0	122	89	0	0	0	0	0	0	0	0	221
42734	43099	1997	1998	10	0	123	91	0	0	0	0	0	0	0	0	224
43099	43464	1998	1999	10	0	125	92	0	0	0	0	0	0	0	0	227
43464	43829	1999	2000	10	0	126	93	0	0	0	0	0	0	0	0	230
43829	44195	2000	2001	5	0	102	66	0	0	0	0	0	0	0	4	177
44195	44560	2001	2002	5	0	101	66	0	0	0	0	0	0	0	10	183
44560	44925	2002	2003	4	0	88	65	1	0	0	0	0	0	0	14	172
44925	45290	2003	2004	4	0	88	66	2	0	0	0	0	0	0	16	176
45290	45656	2004	2005	4	0	83	58	3	0	0	0	0	0	0	18	166
45656	46021	2005	2006	4	0	83	59	3	0	0	0	0	0	0	19	168
46021	46386	2006	2007	4	0	83	59	3	0	0	0	0	0	0	20	170
46386	46751	2007	2008	4	0	84	60	3	0	0	0	0	0	0	20	171
46751	47117	2008	2009	4	0	84	60	3	0	0	0	0	0	0	20	172
47117	47482	2009	2010	4	0	84	60	4	0	0	0	0	0	0	21	173
47482	47847	2010	2011	4	0	84	60	4	0	0	0	0	0	0	21	173
47847	48212	2011	2012	4	0	84	61	4	0	0	0	0	0	0	21	173
48212	48578	2012	2013	4	0	84	61	4	0	0	0	0	0	0	20	173
48578	48943	2013	2014	4	0	84	61	4	0	0	0	0	0	0	20	173

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
0	1	1880	1880	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	1827	1880	1885	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1827	3653	1885	1890	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3653	5479	1890	1895	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5479	7305	1895	1900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7305	9131	1900	1905	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9131	10957	1905	1910	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10957	12783	1910	1915	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12783	14609	1915	1920	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14609	16436	1920	1925	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16436	18262	1925	1930	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18262	20088	1930	1935	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20088	21914	1935	1940	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21914	23741	1940	1945	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23741	25567	1945	1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25567	27393	1950	1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27393	29219	1955	1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29219	31046	1960	1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31046	32872	1965	1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32872	34698	1970	1975	0.0	0.0	1.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
34698	36524	1975	1980	0.0	0.0	1.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
36524	37255	1980	1982	0.1	0.0	1.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
37255	37985	1982	1984	0.1	0.0	1.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
37985	38351	1984	1985	0.1	0.0	1.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
38351	38716	1985	1986	0.1	0.0	1.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
38716	39446	1986	1988	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
39446	39812	1988	1989	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
39812	40177	1989	1990	0.1	0.0	1.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
40177	40542	1990	1991	0.1	0.0	1.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
40542	40907	1991	1992	0.2	0.0	2.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
40907	41273	1992	1993	0.2	0.0	2.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
41273	41638	1993	1994	0.2	0.0	2.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
41638	42003	1994	1995	0.2	0.0	2.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
42003	42368	1995	1996	0.2	0.0	2.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
42368	42734	1996	1997	0.2	0.0	2.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
42734	43099	1997	1998	0.2	0.0	2.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
43099	43464	1998	1999	0.2	0.0	2.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
43464	43829	1999	2000	0.2	0.0	2.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
43829	44195	2000	2001	0.1	0.0	2.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.5
44195	44560	2001	2002	0.1	0.0	2.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	3.7
44560	44925	2002	2003	0.1	0.0	1.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	3.5
44925	45290	2003	2004	0.1	0.0	1.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.6
45290	45656	2004	2005	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.5
45656	46021	2005	2006	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.5
46021	46386	2006	2007	0.1	0.0	1.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.5
46386	46751	2007	2008	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
46751	47117	2008	2009	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
47117	47482	2009	2010	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
47482	47847	2010	2011	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
47847	48212	2011	2012	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
48212	48578	2012	2013	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
48578	48943	2013	2014	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S3C model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
48943	49308	2014	2015	4	0	84	61	4	0	0	0	0	0	0	19	172
49308	49673	2015	2016	8	0	128	76	4	0	0	0	0	0	0	22	239
49673	50039	2016	2017	9	0	142	85	6	0	0	0	0	0	0	27	269
50039	50404	2017	2018	10	0	152	93	8	0	0	0	0	0	0	31	294
50404	50769	2018	2019	11	0	160	100	9	0	0	0	0	0	0	35	315
50769	51134	2019	2020	12	0	168	106	11	0	0	0	0	0	0	37	334
51134	51500	2020	2021	18	0	182	114	12	0	0	0	0	0	0	40	365
51500	51865	2021	2022	22	0	195	122	14	0	0	0	0	0	0	42	395
51865	52230	2022	2023	24	0	204	129	15	0	0	0	0	0	0	44	416
52230	52595	2023	2024	26	0	211	134	16	0	0	0	0	0	0	46	433
52595	52961	2024	2025	27	0	217	138	17	0	0	0	0	0	0	48	447
52961	53326	2025	2026	28	0	222	142	18	0	0	0	0	0	0	49	459
53326	53691	2026	2027	29	0	225	145	19	0	0	0	0	0	0	51	469
53691	54056	2027	2028	30	0	229	148	20	0	0	0	0	0	0	52	479
54056	54422	2028	2029	31	0	232	151	20	0	0	0	0	0	0	53	487
54422	54787	2029	2030	32	0	235	153	21	0	0	0	0	0	0	54	494
54787	55152	2030	2031	32	0	237	155	22	0	0	0	0	0	0	55	501
55152	55517	2031	2032	33	0	239	157	23	0	0	0	0	0	0	56	507
55517	55883	2032	2033	33	0	241	158	23	0	0	0	0	0	0	57	513
55883	56248	2033	2034	34	0	243	160	24	0	0	0	0	0	0	58	518
56248	56613	2034	2035	34	0	245	161	24	0	0	0	0	0	0	58	523
56613	56978	2035	2036	35	0	247	163	25	0	0	0	0	0	0	59	528
56978	57344	2036	2037	35	0	248	164	25	0	0	0	0	0	0	60	532
57344	57709	2037	2038	36	0	249	165	25	0	0	0	0	0	0	60	536
57709	58074	2038	2039	36	0	251	166	26	0	0	0	0	0	0	61	540
58074	58439	2039	2040	36	0	252	167	26	0	0	0	0	0	0	61	543
58439	58805	2040	2041	37	0	253	168	27	0	0	0	0	0	0	62	546
58805	59170	2041	2042	37	0	254	169	27	0	0	0	0	0	0	62	550
59170	59535	2042	2043	37	0	255	170	27	0	0	0	0	0	0	63	553
59535	59900	2043	2044	37	0	256	171	28	0	0	0	0	0	0	63	555
59900	60266	2044	2045	38	0	257	171	28	0	0	0	0	0	0	64	558
60266	60631	2045	2046	38	0	258	172	28	0	0	0	0	0	0	64	561
60631	60996	2046	2047	38	0	259	173	28	0	0	0	0	0	0	65	563
60996	61361	2047	2048	38	0	260	174	29	0	0	0	0	0	0	65	565
61361	61727	2048	2049	39	0	261	174	29	0	0	0	0	0	0	65	568
61727	62092	2049	2050	39	0	262	175	29	0	0	0	0	0	0	66	570
62092	62457	2050	2051	39	0	262	175	29	0	0	0	0	0	0	66	572
62457	62822	2051	2052	39	0	263	176	29	0	0	0	0	0	0	66	574
62822	63188	2052	2053	39	0	264	177	30	0	0	0	0	0	0	66	575
63188	63553	2053	2054	39	0	264	177	30	0	0	0	0	0	0	67	577
63553	63918	2054	2055	40	0	265	178	30	0	0	0	0	0	0	67	579
63918	64283	2055	2056	40	0	265	178	30	0	0	0	0	0	0	67	580
64283	64649	2056	2057	40	0	266	178	30	0	0	0	0	0	0	67	582
64649	65014	2057	2058	40	0	266	179	30	0	0	0	0	0	0	68	583
65014	65379	2058	2059	40	0	267	179	31	0	0	0	0	0	0	68	585
65379	65744	2059	2060	40	0	267	180	31	0	0	0	0	0	0	68	586
65744	66110	2060	2061	40	0	268	180	31	0	0	0	0	0	0	68	588
66110	66475	2061	2062	40	0	268	180	31	0	0	0	0	0	0	69	589
66475	66840	2062	2063	41	0	269	181	31	0	0	0	0	0	0	69	590
66840	67205	2063	2064	41	0	269	181	31	0	0	0	0	0	0	69	591
67205	67571	2064	2065	41	0	270	182	31	0	0	0	0	0	0	69	592

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
48943	49308	2014	2015	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
49308	49673	2015	2016	0.2	0.0	2.5	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	4.9
49673	50039	2016	2017	0.2	0.0	2.8	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.8	5.6
50039	50404	2017	2018	0.2	0.0	3.0	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	6.1
50404	50769	2018	2019	0.2	0.0	3.2	2.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	6.5
50769	51134	2019	2020	0.2	0.0	3.3	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2	6.9
51134	51500	2020	2021	0.3	0.0	3.6	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2	7.6
51500	51865	2021	2022	0.4	0.0	3.8	2.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.3	8.2
51865	52230	2022	2023	0.5	0.0	4.0	2.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.4	8.6
52230	52595	2023	2024	0.5	0.0	4.2	2.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.4	9.0
52595	52961	2024	2025	0.5	0.0	4.3	2.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.5	9.3
52961	53326	2025	2026	0.6	0.0	4.4	2.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.5	9.5
53326	53691	2026	2027	0.6	0.0	4.4	2.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.6	9.7
53691	54056	2027	2028	0.6	0.0	4.5	2.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.6	9.9
54056	54422	2028	2029	0.6	0.0	4.6	2.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.6	10.1
54422	54787	2029	2030	0.6	0.0	4.6	3.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.7	10.2
54787	55152	2030	2031	0.6	0.0	4.7	3.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.7	10.4
55152	55517	2031	2032	0.7	0.0	4.7	3.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.7	10.5
55517	55883	2032	2033	0.7	0.0	4.8	3.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.8	10.6
55883	56248	2033	2034	0.7	0.0	4.8	3.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.8	10.7
56248	56613	2034	2035	0.7	0.0	4.8	3.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.8	10.8
56613	56978	2035	2036	0.7	0.0	4.9	3.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.8	10.9
56978	57344	2036	2037	0.7	0.0	4.9	3.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.8	11.0
57344	57709	2037	2038	0.7	0.0	4.9	3.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.9	11.1
57709	58074	2038	2039	0.7	0.0	4.9	3.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.9	11.2
58074	58439	2039	2040	0.7	0.0	5.0	3.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.9	11.3
58439	58805	2040	2041	0.7	0.0	5.0	3.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.9	11.3
58805	59170	2041	2042	0.7	0.0	5.0	3.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.9	11.4
59170	59535	2042	2043	0.7	0.0	5.0	3.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.9	11.5
59535	59900	2043	2044	0.7	0.0	5.1	3.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.0	11.5
59900	60266	2044	2045	0.7	0.0	5.1	3.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.0	11.6
60266	60631	2045	2046	0.7	0.0	5.1	3.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.0	11.6
60631	60996	2046	2047	0.8	0.0	5.1	3.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.0	11.7
60996	61361	2047	2048	0.8	0.0	5.1	3.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.0	11.7
61361	61727	2048	2049	0.8	0.0	5.1	3.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.0	11.8
61727	62092	2049	2050	0.8	0.0	5.2	3.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.0	11.8
62092	62457	2050	2051	0.8	0.0	5.2	3.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.0	11.9
62457	62822	2051	2052	0.8	0.0	5.2	3.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.0	11.9
62822	63188	2052	2053	0.8	0.0	5.2	3.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.1	11.9
63188	63553	2053	2054	0.8	0.0	5.2	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.1	12.0
63553	63918	2054	2055	0.8	0.0	5.2	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.1	12.0
63918	64283	2055	2056	0.8	0.0	5.2	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.1	12.0
64283	64649	2056	2057	0.8	0.0	5.2	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.1	12.1
64649	65014	2057	2058	0.8	0.0	5.3	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.1	12.1
65014	65379	2058	2059	0.8	0.0	5.3	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.1	12.1
65379	65744	2059	2060	0.8	0.0	5.3	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.1	12.2
65744	66110	2060	2061	0.8	0.0	5.3	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.1	12.2
66110	66475	2061	2062	0.8	0.0	5.3	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.1	12.2
66475	66840	2062	2063	0.8	0.0	5.3	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.1	12.3
66840	67205	2063	2064	0.8	0.0	5.3	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.1	12.3
67205	67571	2064	2065	0.8	0.0	5.3	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.1	12.3

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S3C model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
67571	67936	2065	2066	41	0	270	182	31	0	0	0	0	0	0	69	594
67936	68301	2066	2067	41	0	270	182	32	0	0	0	0	0	0	70	595
68301	68666	2067	2068	41	0	271	182	32	0	0	0	0	0	0	70	596
68666	69032	2068	2069	41	0	271	183	32	0	0	0	0	0	0	70	597
69032	69397	2069	2070	41	0	271	183	32	0	0	0	0	0	0	70	598
69397	69762	2070	2071	41	0	272	183	32	0	0	0	0	0	0	70	599
69762	70127	2071	2072	41	0	272	184	32	0	0	0	0	0	0	70	599
70127	70493	2072	2073	41	0	272	184	32	0	0	0	0	0	0	71	600
70493	70858	2073	2074	41	0	273	184	32	0	0	0	0	0	0	71	601
70858	71223	2074	2075	42	0	273	184	32	0	0	0	0	0	0	71	602
71223	71588	2075	2076	42	0	273	185	32	0	0	0	0	0	0	71	603
71588	71954	2076	2077	42	0	273	185	33	0	0	0	0	0	0	71	604
71954	72319	2077	2078	42	0	274	185	33	0	0	0	0	0	0	71	604
72319	72684	2078	2079	42	0	274	185	33	0	0	0	0	0	0	71	605
72684	73049	2079	2080	42	0	274	185	33	0	0	0	0	0	0	71	606
73049	73415	2080	2081	42	0	274	186	33	0	0	0	0	0	0	72	606
73415	73780	2081	2082	42	0	275	186	33	0	0	0	0	0	0	72	607
73780	74145	2082	2083	42	0	275	186	33	0	0	0	0	0	0	72	608
74145	74510	2083	2084	42	0	275	186	33	0	0	0	0	0	0	72	608
74510	74876	2084	2085	42	0	275	186	33	0	0	0	0	0	0	72	609
74876	75241	2085	2086	42	0	276	186	33	0	0	0	0	0	0	72	610
75241	75606	2086	2087	42	0	276	187	33	0	0	0	0	0	0	72	610
75606	75971	2087	2088	42	0	276	187	33	0	0	0	0	0	0	72	611
75971	76337	2088	2089	42	0	276	187	33	0	0	0	0	0	0	72	611
76337	76702	2089	2090	42	0	276	187	33	0	0	0	0	0	0	73	612
76702	77067	2090	2091	42	0	276	187	34	0	0	0	0	0	0	73	612
77067	77432	2091	2092	42	0	277	187	34	0	0	0	0	0	0	73	613
77432	77798	2092	2093	42	0	277	188	34	0	0	0	0	0	0	73	613
77798	78163	2093	2094	43	0	277	188	34	0	0	0	0	0	0	73	614
78163	78528	2094	2095	43	0	277	188	34	0	0	0	0	0	0	73	614
78528	78893	2095	2096	43	0	277	188	34	0	0	0	0	0	0	73	615
78893	79259	2096	2097	43	0	277	188	34	0	0	0	0	0	0	73	615
79259	79624	2097	2098	43	0	278	188	34	0	0	0	0	0	0	73	616
79624	79989	2098	2099	43	0	278	188	34	0	0	0	0	0	0	73	616
79989	80354	2099	2100	43	0	278	189	34	0	0	0	0	0	0	73	617
80354	80719	2100	2101	43	0	278	189	34	0	0	0	0	0	0	73	617
80719	81084	2101	2102	43	0	278	189	34	0	0	0	0	0	0	73	617
81084	81449	2102	2103	43	0	278	189	34	0	0	0	0	0	0	74	618
81449	81814	2103	2104	43	0	278	189	34	0	0	0	0	0	0	74	618
81814	82180	2104	2105	43	0	279	189	34	0	0	0	0	0	0	74	619
82180	82545	2105	2106	43	0	279	189	34	0	0	0	0	0	0	74	619
82545	82910	2106	2107	43	0	279	189	34	0	0	0	0	0	0	74	619
82910	83275	2107	2108	43	0	279	189	34	0	0	0	0	0	0	74	620
83275	83641	2108	2109	43	0	279	189	34	0	0	0	0	0	0	74	620
83641	84006	2109	2110	43	0	279	190	35	0	0	0	0	0	0	74	620
84006	84371	2110	2111	43	0	279	190	35	0	0	0	0	0	0	74	621
84371	84736	2111	2112	43	0	279	190	35	0	0	0	0	0	0	74	621
84736	85102	2112	2113	43	0	280	190	35	0	0	0	0	0	0	74	621
85102	85467	2113	2114	43	0	280	190	35	0	0	0	0	0	0	74	622

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
67571	67936	2065	2066	0.8	0.0	5.3	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.1	12.3
67936	68301	2066	2067	0.8	0.0	5.3	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.1	12.3
68301	68666	2067	2068	0.8	0.0	5.3	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.4
68666	69032	2068	2069	0.8	0.0	5.3	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.4
69032	69397	2069	2070	0.8	0.0	5.4	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.4
69397	69762	2070	2071	0.8	0.0	5.4	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.4
69762	70127	2071	2072	0.8	0.0	5.4	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.4
70127	70493	2072	2073	0.8	0.0	5.4	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.5
70493	70858	2073	2074	0.8	0.0	5.4	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.5
70858	71223	2074	2075	0.8	0.0	5.4	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.5
71223	71588	2075	2076	0.8	0.0	5.4	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.5
71588	71954	2076	2077	0.8	0.0	5.4	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.5
71954	72319	2077	2078	0.8	0.0	5.4	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.6
72319	72684	2078	2079	0.8	0.0	5.4	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.6
72684	73049	2079	2080	0.8	0.0	5.4	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.6
73049	73415	2080	2081	0.8	0.0	5.4	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.6
73415	73780	2081	2082	0.8	0.0	5.4	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.6
73780	74145	2082	2083	0.8	0.0	5.4	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.6
74145	74510	2083	2084	0.8	0.0	5.4	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.6
74510	74876	2084	2085	0.8	0.0	5.4	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.7
74876	75241	2085	2086	0.8	0.0	5.4	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.7
75241	75606	2086	2087	0.8	0.0	5.4	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.7
75606	75971	2087	2088	0.8	0.0	5.4	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.7
75971	76337	2088	2089	0.8	0.0	5.4	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.7
76337	76702	2089	2090	0.8	0.0	5.4	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.7
76702	77067	2090	2091	0.8	0.0	5.5	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.7
77067	77432	2091	2092	0.8	0.0	5.5	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.7
77432	77798	2092	2093	0.8	0.0	5.5	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.7
77798	78163	2093	2094	0.8	0.0	5.5	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.8
78163	78528	2094	2095	0.8	0.0	5.5	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.3	12.8
78528	78893	2095	2096	0.8	0.0	5.5	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.3	12.8
78893	79259	2096	2097	0.8	0.0	5.5	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.3	12.8
79259	79624	2097	2098	0.8	0.0	5.5	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.3	12.8
79624	79989	2098	2099	0.8	0.0	5.5	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.3	12.8
79989	80354	2099	2100	0.8	0.0	5.5	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.3	12.8
80354	80719	2100	2101	0.8	0.0	5.5	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.3	12.8
80719	81084	2101	2102	0.8	0.0	5.5	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.3	12.8
81084	81449	2102	2103	0.8	0.0	5.5	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.3	12.8
81449	81814	2103	2104	0.8	0.0	5.5	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.3	12.8
81814	82180	2104	2105	0.8	0.0	5.5	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.3	12.9
82180	82545	2105	2106	0.8	0.0	5.5	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.3	12.9
82545	82910	2106	2107	0.8	0.0	5.5	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.3	12.9
82910	83275	2107	2108	0.8	0.0	5.5	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.3	12.9
83275	83641	2108	2109	0.8	0.0	5.5	3.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	2.3	12.9
83641	84006	2109	2110	0.8	0.0	5.5	3.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	2.3	12.9
84006	84371	2110	2111	0.8	0.0	5.5	3.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	2.3	12.9
84371	84736	2111	2112	0.8	0.0	5.5	3.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	2.3	12.9
84736	85102	2112	2113	0.9	0.0	5.5	3.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	2.3	12.9
85102	85467	2113	2114	0.9	0.0	5.5	3.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	2.3	12.9

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S3C model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																																
0	1	1880	1880	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
1	1827	1880	1885	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
1827	3653	1885	1890	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
3653	5479	1890	1895	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
5479	7305	1895	1900	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
7305	9131	1900	1905	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
9131	10957	1905	1910	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
10957	12783	1910	1915	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
12783	14609	1915	1920	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
14609	16436	1920	1925	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
16436	18262	1925	1930	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
18262	20088	1930	1935	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
20088	21914	1935	1940	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
21914	23741	1940	1945	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
23741	25567	1945	1950	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	42	96
25567	27393	1950	1955	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	44	98
27393	29219	1955	1960	0	0	0	1	26	8	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	45	99
29219	31046	1960	1965	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	0	0	0	0	5	45	122
31046	32872	1965	1970	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	0	0	0	6	45	126
32872	34698	1970	1975	0	0	0	1	28	9	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	16	0	0	0	1	58	45	253
34698	36524	1975	1980	0	0	0	1	35	13	32	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	84	22	0	0	0	5	80	46	323
36524	37255	1980	1982	0	0	1	2	83	45	141	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	119	43	5	0	34	10	128	47	671
37255	37985	1982	1984	0	0	1	3	98	51	157	10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	131	50	6	0	36	16	148	48	768
37985	38351	1984	1985	0	0	1	3	102	51	157	11	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	131	53	6	0	36	18	150	49	782
38351	38716	1985	1986	0	0	1	5	191	83	221	14	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	132	54	6	0	36	20	160	51	988
38716	39446	1986	1988	1	0	3	9	269	113	286	22	1	0	0	0	0	0	0	0	0	1	0	0	0	3	13	132	56	6	0	36	29	183	56	1218
39446	39812	1988	1989	1	0	4	10	287	118	296	24	1	0	0	0	0	0	0	0	0	1	0	0	0	4	14	130	57	6	0	36	32	188	60	1269
39812	40177	1989	1990	2	0	5	10	298	121	301	25	2	0	0	0	0	0	0	0	1	2	0	0	0	4	13	126	57	6	0	36	35	189	64	1298
40177	40542	1990	1991	16	0	5	12	323	142	414	34	2	0	0	0	0	0	0	0	1	2	0	0	0	4	14	149	71	7	0	37	37	201	152	1623
40542	40907	1991	1992	21	0	6	12	337	148	428	37	2	0	0	0	0	0	0	0	1	2	0	0	0	5	16	159	79	7	0	39	40	214	173	1727
40907	41273	1992	1993	23	0	7	13	346	151	436	39	3	0	0	0	0	0	0	0	1	2	0	0	0	6	18	165	84	8	0	41	43	224	184	1795
41273	41638	1993	1994	25	0	8	14	353	154	443	41	3	0	0	0	0	0	0	0	1	3	0	0	0	6	19	170	88	8	0	42	46	232	192	1846
41638	42003	1994	1995	26	0	8	14	359	156	447	42	3	0	0	0	0	0	0	0	1	3	0	0	0	6	20	174	91	8	0	43	47	238	193	1882
42003	42368	1995	1996	27	0	9	15	397	167	461	43	4	0	0	0	0	0	0	0	1	3	0	0	0	7	21	177	93	8	0	43	49	244	238	2008
42368	42734	1996	1997	28	0	9	16	404	170	467	43	4	0	0	0	0	0	0	0	1	3	0	0	0	7	21	180	95	9	0	44	50	248	250	2051
42734	43099	1997	1998	29	0	9	16	409	172	471	44	4	0	0	0	0	0	0	0	2	3	0	0	0	7	22	182	97	9	0	44	51	252	257	2082
43099	43464	1998	1999	29	0	10	17	413	173	474	45	4	0	0	0	0	0	0	0	2	3	0	0	0	7	22	182	98	9	0	44	52	253	262	2100
43464	43829	1999	2000	30	0	10	17	416	175	477	45	4	0	0	0	0	0	0	0	2	3	0	0	0	8	22	183	99	9	0	45	53	254	266	2117
43829	44195	2000	2001	30	0	10	18	444	181	482	46	4	0	0	0	0	0	0	1	2	4	0	0	0	8	23	190	123	8	0	31	53	259	259	2175
44195	44560	2001	2002	30	0	11	18	460	186	491	46	5	0	0	0	0	0	0	1	2	4	0	0	0	8	23	194	130	8	0	31	54	262	249	2211
44560	44925	2002	2003	30	0	11	16	354	137	324	37	4	0	0	0	0	0	0	1	2	4	0	0	0	8	23	193	132	8	0	31	54	250	238	1857
44925	45290	2003	2004	29	0	11	14	301	114	268	31	4	0	0	0	0	0	0	1	2	3	0	0	0	8	21	189	133	8	0	31	49	226	226	1667
45290	45656	2004	2005	27	0	10	13	274	102	238	26	3	0	0	0	0	0	0	0	1	3	0	0	0	7	18	183	133	8	0	31	43	203	221	1545
45656	46021	2005	2006	25	0	9	12	257	95	220	23	2	0	0	0	0	0	0	0	1	3	0	0	0	6	15	176	133	8	0	31	38	184	219	1458
46021	46386	2006	2007	24	0	9	12	246	90	208	21	2	0	0	0	0	0	0	0	1	2	0	0	0	5	13	168	132	8	0	31	35	171	213	1390
46386	46751	2007	2008	23	0	9	11	238	86	198	19	2	0	0	0	0	0	0	0	1	2	0	0	0	4	10	161	132	8	0	31	32	158	206	1332
46751	47117	2008	2009	22	0	9	11	232	83	189	18	1	0	0	0	0	0	0	0	1	2	0	0	0	4	8	153	131	8	0	31	30	147	197	1276
47117	47482	2009	2010	20	0	9	11	225	80	180	17	1	0	0	0	0	0	0	0	0	1	0	0	0	3	6	146	130	8	0	31	28	135	186	1219
47482	47847	2010	2011	20	0	9	11	221	77	173	16	1	0	0	0	0	0	0	0	0	1	0	0	0	3	4	139	129	8	0	31	26	126	183	1178
47847	48212	2011	2012	19	0	9	10	218	75	166	15	1	0	0	0	0	0	0	0	0	1	0	0	0	2	3	134	128	8	0	31	25	118	181	1145
48212	48578	2012	2013	19	0	8	10	216	74	162	14	1	0	0	0	0	0	0	0	0	1	0	0	0	2	2	131	127	8	0	31	23	113	179	1121
48578	48943	2013	2014	19	0	8	10	214	73	159	14	1	0	0	0	0	0	0	0	0	1	0	0	0	2	2	128	126	8	0	31	22	109	178	1105

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (S3C model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																																
48943	49308	2014	2015	19	0	8	10	213	72	158	13	1	0	0	0	0	0	0	0	0	1	0	0	0	2	2	127	125	8	0	31	21	106	177	1094
49308	49673	2015	2016	19	0	8	10	212	72	157	13	1	0	0	0	0	0	0	0	0	1	0	0	0	2	1	126	127	9	0	35	21	105	177	1094
49673	50039	2016	2017	19	0	8	10	212	72	158	13	1	0	0	0	0	0	0	0	0	1	0	0	0	2	2	127	131	9	0	38	21	109	176	1107
50039	50404	2017	2018	18	0	8	10	213	73	160	13	1	0	0	0	0	0	0	0	0	1	0	0	0	2	2	130	135	10	0	40	22	113	176	1126
50404	50769	2018	2019	18	0	8	10	215	74	162	14	1	0	0	0	0	0	0	0	0	1	0	0	0	2	3	133	139	10	0	41	22	117	176	1146
50769	51134	2019	2020	18	0	8	10	216	75	164	14	1	0	0	0	0	0	0	0	0	1	0	0	0	2	3	136	144	11	0	42	23	121	176	1166
51134	51500	2020	2021	18	0	8	11	232	82	177	15	1	0	0	0	0	0	0	0	0	1	0	0	0	3	4	141	158	13	0	50	24	126	176	1241
51500	51865	2021	2022	19	0	8	11	248	89	192	16	1	0	0	0	0	0	0	0	0	1	0	0	0	3	5	148	172	14	0	56	26	135	176	1321
51865	52230	2022	2023	19	0	9	12	261	95	205	17	1	0	0	0	0	0	0	0	0	1	0	0	0	3	7	155	180	15	0	58	28	145	177	1388
52230	52595	2023	2024	19	0	9	12	271	99	214	19	1	0	0	0	0	0	0	0	0	1	0	0	0	4	8	161	186	16	0	60	30	155	179	1445
52595	52961	2024	2025	20	0	9	13	279	103	222	20	2	0	0	0	0	0	0	0	1	2	0	0	0	5	10	166	190	16	0	61	32	164	180	1494
52961	53326	2025	2026	20	0	10	13	297	116	271	24	2	0	0	0	0	0	0	0	1	2	0	0	0	5	11	171	194	16	0	62	35	176	183	1609
53326	53691	2026	2027	21	0	10	14	310	122	288	27	2	0	0	0	0	0	0	0	1	2	0	0	0	6	12	176	198	17	0	63	38	189	187	1683
53691	54056	2027	2028	21	0	10	15	322	128	299	29	3	0	0	0	0	0	0	0	1	3	0	0	0	6	14	181	201	17	0	64	42	200	191	1746
54056	54422	2028	2029	22	0	11	15	333	132	309	31	3	0	0	0	0	0	0	0	1	3	0	0	0	7	16	186	204	17	0	64	44	210	196	1803
54422	54787	2029	2030	23	0	11	16	342	136	317	32	3	0	0	0	0	0	0	0	1	3	0	0	0	7	17	190	206	17	0	65	47	219	201	1854
54787	55152	2030	2031	23	0	12	16	351	139	324	34	4	0	0	0	0	0	0	0	2	3	0	0	0	8	18	194	208	18	0	65	49	227	206	1900
55152	55517	2031	2032	24	0	12	17	358	142	330	35	4	0	0	0	0	0	0	0	2	4	0	0	0	8	19	198	211	18	0	66	51	234	210	1942
55517	55883	2032	2033	25	0	12	17	364	144	336	36	4	0	0	0	0	0	0	1	2	4	0	0	0	9	20	202	213	18	0	66	52	241	214	1979
55883	56248	2033	2034	25	0	13	18	370	146	340	37	4	0	0	0	0	0	0	1	2	4	0	0	0	9	21	206	215	18	0	66	54	247	218	2013
56248	56613	2034	2035	26	0	13	18	375	148	345	37	5	0	0	0	0	0	0	1	2	4	0	0	0	9	22	209	217	18	0	67	55	252	222	2043
56613	56978	2035	2036	26	0	13	18	379	150	348	38	5	0	0	0	0	0	0	1	2	4	0	0	0	10	23	212	218	18	0	67	56	257	225	2071
56978	57344	2036	2037	27	0	13	18	383	151	352	39	5	0	0	0	0	0	0	1	2	4	0	0	0	10	24	215	220	19	0	67	57	261	228	2097
57344	57709	2037	2038	27	0	14	19	387	153	355	39	5	0	0	0	0	0	0	1	2	5	0	0	0	10	24	217	222	19	0	68	58	265	231	2120
57709	58074	2038	2039	28	0	14	19	390	154	357	40	5	0	0	0	0	0	0	1	2	5	0	0	0	10	25	220	223	19	0	68	59	269	234	2141
58074	58439	2039	2040	28	0	14	19	393	155	360	40	5	0	0	0	0	0	0	1	2	5	0	0	0	11	26	222	224	19	0	68	60	273	236	2160
58439	58805	2040	2041	28	0	14	19	395	156	362	41	5	0	0	0	0	0	0	1	2	5	0	0	0	11	26	224	226	19	0	69	60	276	239	2179
58805	59170	2041	2042	29	0	14	19	398	157	364	41	6	0	0	0	0	0	0	1	2	5	0	0	0	11	27	226	227	19	0	69	61	279	241	2195
59170	59535	2042	2043	29	0	14	20	400	158	366	41	6	0	0	0	0	0	0	1	2	5	0	0	0	11	27	228	228	19	0	69	62	281	243	2211
59535	59900	2043	2044	29	0	15	20	402	159	368	42	6	0	0	0	0	0	0	1	2	5	0	0	0	11	27	230	229	19	0	69	62	284	245	2225
59900	60266	2044	2045	29	0	15	20	404	159	369	42	6	0	0	0	0	0	0	1	2	5	0	0	0	11	28	231	230	19	0	69	63	286	247	2239
60266	60631	2045	2046	30	0	15	20	406	160	371	42	6	0	0	0	0	0	0	1	2	5	0	0	0	11	28	233	231	19	0	70	63	288	248	2251
60631	60996	2046	2047	30	0	15	20	408	161	372	43	6	0	0	0	0	0	0	1	2	5	0	0	0	12	29	234	232	19	0	70	64	291	250	2263
60996	61361	2047	2048	30	0	15	20	409	161	374	43	6	0	0	0	0	0	0	1	3	5	0	0	0	12	29	236	233	20	0	70	64	292	251	2274
61361	61727	2048	2049	30	0	15	20	411	162	375	43	6	0	0	0	0	0	0	1	3	5	0	0	0	12	29	237	234	20	0	70	64	294	253	2284
61727	62092	2049	2050	30	0	15	20	412	162	376	43	6	0	0	0	0	0	0	1	3	5	0	0	0	12	29	238	234	20	0	70	65	296	254	2294
62092	62457	2050	2051	30	0	15	21	413	163	377	44	6	0	0	0	0	0	0	1	3	5	0	0	0	12	30	239	235	20	0	70	65	297	256	2303
62457	62822	2051	2052	30	0	15	21	415	163	378	44	6	0	0	0	0	0	0	1	3	5	0	0	0	12	30	240	236	20	0	70	65	299	257	2312
62822	63188	2052	2053	31	0	15	21	416	164	379	44	6	0	0	0	0	0	0	1	3	5	0	0	1	12	30	241	237	20	0	71	66	300	258	2320
63188	63553	2053	2054	31	0	15	21	417	164	380	44	6	0	0	0	0	0	0	1	3	5	0	0	1	12	30	242	237	20	0	71	66	302	259	2328
63553	63918	2054	2055	31	0	16	21	418	165	381	44	6	0	0	0	0	0	0	1	3	5	0	0	1	12	31	243	238	20	0	71	66	303	260	2335
63918	64283	2055	2056	31	0	16	21	419	165	382	44	6	0	0	0	0	0	0	1	3	6	0	0	1	12	31	244	238	20	0	71	66	304	261	2342
64283	64649	2056	2057	31	0	16	21	420	165	382	45	6	0	0	0	0	0	0	1	3	6	0	0	1	12	31	245	239	20	0	71	67	305	262	2349
64649	65014	2057	2058	31	0	16	21	420	166	383	45	7	0	0	0	0	0	0	1	3	6	0	0	1	12	31	246	239	20	0	71	67	306	263	2355
65014	65379	2058	2059	31	0	16	21	421	166	384	45	7	0	0	0	0	0	0	1	3	6	0	0	1	13	31	246	240	20	0	71	67	307	264	2361
65379	65744	2059	2060	31	0	16	21	422	166	385	45	7	0	0	0	0	0	0	1	3	6	0	0	1	13	31	247	240	20	0	71	67	308	265	2367
65744	66110	2060	2061	31	0	16	21	423	167	385	45	7	0	0	0	0	0	0	1	3	6	0	0	1	13	32	248	241	20	0	71	68	309	266	2372
66110	66475	2061	2062	31	0	16	21	424	167	386	45	7	0	0	0	0	0	0	1	3	6	0	0	1	13	32	248	241	20	0	71	68	310	267	2377
66475	66840	2062	2063	31	0	16	21	424	167	386	45	7	0	0	0	0	0	0	1	3	6	0	0	1	13	32	249	242	20	0	72	68	311	267	2382
66840	67205	2063	2064	32	0	16	21	425	167	387	45	7	0	0	0	0	0	0	1	3	6	0	0	1	13	32	250	242	20	0	72	68	312	268	2387
67205	67571	2064	2065	32	0	16	21	426	168	387	46	7	0	0	0	0	0	0	2	3	6	0	0	1	13	32	250	242	20	0	72	68	312	269	2391

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (S3C model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																																
67571	67936	2065	2066	32	0	16	21	426	168	388	46	7	0	0	0	0	0	0	2	3	6	0	0	1	13	32	251	243	20	0	72	68	313	269	2396
67936	68301	2066	2067	32	0	16	22	427	168	388	46	7	0	0	0	0	0	0	2	3	6	0	0	1	13	32	251	243	20	0	72	68	314	270	2400
68301	68666	2067	2068	32	0	16	22	427	168	389	46	7	0	0	0	0	0	0	2	3	6	0	0	1	13	32	252	243	20	0	72	69	314	271	2404
68666	69032	2068	2069	32	0	16	22	428	169	389	46	7	0	0	0	0	0	0	2	3	6	0	0	1	13	33	252	244	20	0	72	69	315	271	2408
69032	69397	2069	2070	32	0	16	22	428	169	390	46	7	0	0	0	0	0	0	2	3	6	0	0	1	13	33	253	244	20	0	72	69	316	272	2412
69397	69762	2070	2071	32	0	16	22	429	169	390	46	7	0	0	0	0	0	0	2	3	6	0	0	1	13	33	253	244	20	0	72	69	316	272	2415
69762	70127	2071	2072	32	0	16	22	429	169	391	46	7	0	0	0	0	0	0	2	3	6	0	0	1	13	33	254	245	20	0	72	69	317	273	2419
70127	70493	2072	2073	32	0	16	22	430	169	391	46	7	0	0	0	0	0	0	2	3	6	0	0	1	13	33	254	245	20	0	72	69	317	274	2422
70493	70858	2073	2074	32	0	16	22	430	169	391	46	7	0	0	0	0	0	0	2	3	6	0	0	1	13	33	254	245	21	0	72	69	318	274	2425
70858	71223	2074	2075	32	0	16	22	431	170	392	46	7	0	0	0	0	0	0	2	3	6	0	0	1	13	33	255	245	21	0	72	69	318	275	2428
71223	71588	2075	2076	32	0	16	22	431	170	392	46	7	0	0	0	0	0	0	2	3	6	0	0	1	13	33	255	246	21	0	72	70	319	275	2431
71588	71954	2076	2077	32	0	16	22	431	170	392	46	7	0	0	0	0	0	0	2	3	6	0	0	1	13	33	255	246	21	0	72	70	319	276	2434
71954	72319	2077	2078	32	0	16	22	432	170	393	46	7	0	0	0	0	0	0	2	3	6	0	0	1	13	33	256	246	21	0	72	70	320	276	2437
72319	72684	2078	2079	32	0	16	22	432	170	393	47	7	0	0	0	0	0	0	2	3	6	0	0	1	13	33	256	246	21	0	73	70	320	276	2439
72684	73049	2079	2080	32	0	16	22	432	170	393	47	7	0	0	0	0	0	0	2	3	6	0	0	1	13	34	256	247	21	0	73	70	320	277	2442
73049	73415	2080	2081	32	0	16	22	433	170	393	47	7	0	0	0	0	0	0	2	3	6	0	0	1	13	34	257	247	21	0	73	70	321	277	2445
73415	73780	2081	2082	32	0	17	22	433	171	394	47	7	0	0	0	0	0	0	2	3	6	0	0	1	13	34	257	247	21	0	73	70	321	278	2447
73780	74145	2082	2083	32	0	17	22	433	171	394	47	7	0	0	0	0	0	0	2	3	6	0	0	1	13	34	257	247	21	0	73	70	322	278	2449
74145	74510	2083	2084	32	0	17	22	434	171	394	47	7	0	0	0	0	0	0	2	3	6	0	0	1	13	34	258	247	21	0	73	70	322	279	2452
74510	74876	2084	2085	32	0	17	22	434	171	395	47	7	0	0	0	0	0	0	2	3	6	0	0	1	13	34	258	248	21	0	73	70	322	279	2454
74876	75241	2085	2086	33	0	17	22	434	171	395	47	7	0	0	0	0	0	0	2	3	6	0	0	1	13	34	258	248	21	0	73	70	323	279	2456
75241	75606	2086	2087	33	0	17	22	435	171	395	47	7	0	0	0	0	0	0	2	3	6	0	0	1	13	34	258	248	21	0	73	70	323	280	2458
75606	75971	2087	2088	33	0	17	22	435	171	395	47	7	0	0	0	0	0	0	2	3	6	0	0	1	13	34	259	248	21	0	73	71	323	280	2460
75971	76337	2088	2089	33	0	17	22	435	171	395	47	7	0	0	0	0	0	0	2	3	6	0	0	1	13	34	259	248	21	0	73	71	324	280	2462
76337	76702	2089	2090	33	0	17	22	435	171	396	47	7	0	0	0	0	0	0	2	3	6	0	0	1	14	34	259	249	21	0	73	71	324	281	2464
76702	77067	2090	2091	33	0	17	22	436	172	396	47	7	0	0	0	0	0	0	2	3	6	0	0	1	14	34	259	249	21	0	73	71	324	281	2466
77067	77432	2091	2092	33	0	17	22	436	172	396	47	7	0	0	0	0	0	0	2	3	6	0	0	1	14	34	260	249	21	0	73	71	325	281	2468
77432	77798	2092	2093	33	0	17	22	436	172	396	47	7	0	0	0	0	0	0	2	3	6	0	0	1	14	34	260	249	21	0	73	71	325	282	2469
77798	78163	2093	2094	33	0	17	22	436	172	396	47	7	0	0	0	0	0	0	2	3	6	0	0	1	14	34	260	249	21	0	73	71	325	282	2471
78163	78528	2094	2095	33	0	17	22	437	172	397	47	7	0	0	0	0	0	0	2	3	6	0	0	1	14	34	260	249	21	0	73	71	325	282	2473
78528	78893	2095	2096	33	0	17	22	437	172	397	47	7	0	0	0	0	0	0	2	3	6	0	0	1	14	34	260	249	21	0	73	71	326	282	2474
78893	79259	2096	2097	33	0	17	22	437	172	397	47	7	0	0	0	0	0	0	2	3	6	0	0	1	14	34	261	250	21	0	73	71	326	283	2476
79259	79624	2097	2098	33	0	17	22	437	172	397	47	7	0	0	0	0	0	0	2	3	6	0	0	1	14	34	261	250	21	0	73	71	326	283	2477
79624	79989	2098	2099	33	0	17	22	437	172	397	47	7	0	0	0	0	0	0	2	3	6	0	0	1	14	35	261	250	21	0	73	71	326	283	2479
79989	80354	2099	2100	33	0	17	22	438	172	397	47	7	0	0	0	0	0	0	2	3	6	0	0	1	14	35	261	250	21	0	73	71	327	283	2480
80354	80719	2100	2101	33	0	17	22	438	172	398	47	7	0	0	0	0	0	0	2	3	6	0	0	1	14	35	261	250	21	0	73	71	327	284	2482
80719	81084	2101	2102	33	0	17	22	438	172	398	47	7	0	0	0	0	0	0	2	3	6	0	0	1	14	35	261	250	21	0	73	71	327	284	2483
81084	81449	2102	2103	33	0	17	22	438	173	398	47	7	0	0	0	0	0	0	2	3	6	0	0	1	14	35	262	250	21	0	73	71	327	284	2484
81449	81814	2103	2104	33	0	17	22	438	173	398	48	7	0	0	0	0	0	0	2	3	6	0	0	1	14	35	262	250	21	0	73	71	327	284	2486
81814	82180	2104	2105	33	0	17	22	438	173	398	48	7	0	0	0	0	0	0	2	3	6	0	0	1	14	35	262	251	21	0	73	71	328	285	2487
82180	82545	2105	2106	33	0	17	22	439	173	398	48	7	0	0	0	0	0	0	2	3	6	0	0	1	14	35	262	251	21	0	73	71	328	285	2488
82545	82910	2106	2107	33	0	17	22	439	173	398	48	7	0	0	0	0	0	0	2	3	6	0	0	1	14	35	262	251	21	0	73	71	328	285	2490
82910	83275	2107	2108	33	0	17	22	439	173	399	48	7	0	0	0	0	0	0	2	3	6	0	0	1	14	35	262	251	21	0	73	72	328	285	2491
83275	83641	2108	2109	33	0	17	22	439	173	399	48	7	0	0	0	0	0	0	2	3	6	0	0	1	14	35	263	251	21	0	73	72	328	286	2492
83641	84006	2109	2110	33	0	17	22	439	173	399	48	7	0	0	0	0	0	0	2	3	6	0	0	1	14	35	263	251	21	0	74	72	329	286	2493
84006	84371	2110	2111	33	0	17	22	439	173	399	48	7	0	0	0	0	0	0	2	3	6	0	0	1	14	35	263	251	21	0	74	72	329	286	2494
84371	84736	2111	2112	33	0	17	22	440	173	399	48	7	0	0	0	0	0	0	2	3	6	0	0	1	14	35	263	251	21	0	74	72	329	286	2495
84736	85102	2112	2113	33	0	17	22	440	173	399	48	7	0	0	0	0	0	0	2	3	6	0	0	1	14	35	263	251	21	0	74	72	329	286	2496
85102	85467	2113	2114	33	0	17	22	440	173	399	48	7	0	0	0	0	0	0	2	3	6	0	0	1	14	35	263	251	21	0	74	72	329	286	2497

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S3C model)

				Central Murtho																															
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																															
0	1	1880	1880	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
1	1827	1880	1885	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
1827	3653	1885	1890	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
3653	5479	1890	1895	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
5479	7305	1895	1900	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
7305	9131	1900	1905	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
9131	10957	1905	1910	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
10957	12783	1910	1915	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
12783	14609	1915	1920	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
14609	16436	1920	1925	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
16436	18262	1925	1930	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
18262	20088	1930	1935	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
20088	21914	1935	1940	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
21914	23741	1940	1945	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
23741	25567	1945	1950	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
25567	27393	1950	1955	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
27393	29219	1955	1960	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
29219	31046	1960	1965	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.2	0.4	2.3
31046	32872	1965	1970	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.2	0.4	2.4
32872	34698	1970	1975	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.3	0.0	0.0	0.0	0.0	1.7	0.4	6.5
34698	36524	1975	1980	0.0	0.0	0.0	0.0	0.7	0.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.3	0.5	0.0	0.0	0.0	0.0	2.3	0.4	8.4
36524	37255	1980	1982	0.0	0.0	0.0	0.0	1.6	0.7	3.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	4.6	0.9	0.1	0.0	0.7	0.1	3.7	0.4	16.8
37255	37985	1982	1984	0.0	0.0	0.0	0.1	1.9	0.9	3.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.1	0.1	0.0	0.7	0.1	4.3	0.4	19.2
37985	38351	1984	1985	0.0	0.0	0.0	0.1	2.0	0.9	3.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.1	0.1	0.0	0.7	0.2	4.4	0.4	19.5
38351	38716	1985	1986	0.0	0.0	0.0	0.1	3.8	1.4	5.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.2	0.1	0.0	0.7	0.2	4.7	0.4	23.8
38716	39446	1986	1988	0.0	0.0	0.0	0.2	5.3	1.9	7.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	5.1	1.2	0.1	0.0	0.7	0.2	5.4	0.5	28.6
39446	39812	1988	1989	0.0	0.0	0.0	0.2	5.7	2.0	7.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	5.1	1.2	0.1	0.0	0.7	0.3	5.5	0.5	29.6
39812	40177	1989	1990	0.0	0.0	0.0	0.2	5.9	2.0	7.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.5	4.9	1.2	0.1	0.0	0.7	0.3	5.5	0.6	30.0
40177	40542	1990	1991	0.1	0.0	0.0	0.2	6.4	2.4	10.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.6	5.8	1.5	0.1	0.0	0.7	0.3	5.9	1.3	36.3
40542	40907	1991	1992	0.2	0.0	0.1	0.2	6.6	2.5	10.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.6	6.2	1.7	0.1	0.0	0.8	0.3	6.3	1.5	38.4
40907	41273	1992	1993	0.2	0.0	0.1	0.3	6.8	2.5	10.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.7	6.4	1.8	0.1	0.0	0.8	0.4	6.6	1.6	39.9
41273	41638	1993	1994	0.2	0.0	0.1	0.3	7.0	2.6	10.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.7	6.6	1.9	0.2	0.0	0.8	0.4	6.8	1.7	41.0
41638	42003	1994	1995	0.2	0.0	0.1	0.3	7.1	2.6	11.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	6.8	2.0	0.2	0.0	0.8	0.4	7.0	1.7	41.8
42003	42368	1995	1996	0.2	0.0	0.1	0.3	7.8	2.8	11.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	6.9	2.0	0.2	0.0	0.8	0.4	7.1	2.1	43.9
42368	42734	1996	1997	0.2	0.0	0.1	0.3	8.0	2.9	11.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	7.0	2.1	0.2	0.0	0.9	0.4	7.3	2.2	44.8
42734	43099	1997	1998	0.3	0.0	0.1	0.3	8.1	2.9	11.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.1	2.1	0.2	0.0	0.9	0.4	7.4	2.2	45.4
43099	43464	1998	1999	0.3	0.0	0.1	0.3	8.1	2.9	11.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.1	2.1	0.2	0.0	0.9	0.4	7.4	2.3	45.7
43464	43829	1999	2000	0.3	0.0	0.1	0.3	8.2	2.9	11.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.1	2.1	0.2	0.0	0.9	0.4	7.4	2.3	46.0
43829	44195	2000	2001	0.3	0.0	0.1	0.3	8.8	3.0	11.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.4	2.6	0.2	0.0	0.6	0.4	7.6	2.3	47.5
44195	44560	2001	2002	0.3	0.0	0.1	0.4	9.1	3.1	12.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.6	2.8	0.2	0.0	0.6	0.5	7.7	2.2	48.4
44560	44925	2002	2003	0.3	0.0	0.1	0.3	7.0	2.3	7.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.5	2.9	0.2	0.0	0.6	0.4	7.3	2.1	40.9
44925	45290	2003	2004	0.3	0.0	0.1	0.3	5.9	1.9	6.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	7.4	2.9	0.2	0.0	0.6	0.4	6.6	2.0	36.8
45290	45656	2004	2005	0.2	0.0	0.1	0.3	5.4	1.7	5.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.7	7.1	2.9	0.2	0.0	0.6	0.4	5.9	1.9	34.0
45656	46021	2005	2006	0.2	0.0	0.1	0.2	5.1	1.6	5.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.6	6.8	2.9	0.2	0.0	0.6	0.3	5.4	1.9	32.0
46021	46386	2006	2007	0.2	0.0	0.1	0.2	4.9	1.5	5.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.5	6.6	2.9	0.2	0.0	0.6	0.3	5.0	1.9	30.4
46386	46751	2007	2008	0.2	0.0	0.1	0.2	4.7	1.4	4.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.4	6.3	2.8	0.2	0.0	0.6	0.3	4.6	1.8	29.0
46751	47117	2008	2009	0.2	0.0	0.1	0.2	4.6	1.4	4.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.3	6.0	2.8	0.2	0.0	0.6	0.3	4.3	1.7	27.7
47117	47482	2009	2010	0.2	0.0	0.1	0.2	4.4	1.3	4.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.2	5.7	2.8	0.2	0.0	0.6	0.2	4.0	1.6	26.4
47482	47847	2010	2011	0.2	0.0	0.1	0.2	4.4	1.3	4.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	5.4	2.8	0.2	0.0	0.6	0.2	3.7	1.6	25.4
47847	48212	2011	2012	0.2	0.0	0.1	0.2	4.3	1.3	4.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.2	2.8	0.2	0.0	0.6	0.2	3.5	1.6	24.5
48212	48578	2012	2013	0.2	0.0	0.1	0.2	4.3	1.2	4.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.1	2.7	0.2	0.0	0.6	0.2	3.3	1.6	23.9
48578	48943	2013	2014	0.2	0.0	0.1	0.2	4.2	1.2	3.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.0	2.7	0.2	0.0	0.6	0.2	3.2	1.6	23.6

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S3C model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																																
48943	49308	2014	2015	0.2	0.0	0.1	0.2	4.2	1.2	3.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	4.9	2.7	0.2	0.0	0.6	0.2	3.1	1.5	23.3
49308	49673	2015	2016	0.2	0.0	0.1	0.2	4.2	1.2	3.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	4.9	2.7	0.2	0.0	0.7	0.2	3.1	1.5	23.3
49673	50039	2016	2017	0.2	0.0	0.1	0.2	4.2	1.2	3.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	4.9	2.8	0.2	0.0	0.7	0.2	3.2	1.5	23.6
50039	50404	2017	2018	0.2	0.0	0.1	0.2	4.2	1.2	3.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.0	2.9	0.2	0.0	0.8	0.2	3.3	1.5	24.1
50404	50769	2018	2019	0.2	0.0	0.1	0.2	4.2	1.2	4.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.2	3.0	0.2	0.0	0.8	0.2	3.4	1.5	24.6
50769	51134	2019	2020	0.2	0.0	0.1	0.2	4.3	1.3	4.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.3	3.1	0.2	0.0	0.8	0.2	3.5	1.5	25.1
51134	51500	2020	2021	0.2	0.0	0.1	0.2	4.6	1.4	4.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	5.5	3.4	0.2	0.0	1.0	0.2	3.7	1.5	26.8
51500	51865	2021	2022	0.2	0.0	0.1	0.2	4.9	1.5	4.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	5.8	3.7	0.3	0.0	1.1	0.2	3.9	1.5	28.7
51865	52230	2022	2023	0.2	0.0	0.1	0.2	5.2	1.6	5.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	6.0	3.9	0.3	0.0	1.1	0.2	4.2	1.5	30.3
52230	52595	2023	2024	0.2	0.0	0.1	0.2	5.3	1.7	5.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.3	6.3	4.0	0.3	0.0	1.2	0.3	4.5	1.6	31.6
52595	52961	2024	2025	0.2	0.0	0.1	0.2	5.5	1.7	5.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.4	6.5	4.1	0.3	0.0	1.2	0.3	4.8	1.6	32.8
52961	53326	2025	2026	0.2	0.0	0.1	0.3	5.8	1.9	6.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.4	6.7	4.2	0.3	0.0	1.2	0.3	5.2	1.6	35.5
53326	53691	2026	2027	0.2	0.0	0.1	0.3	6.1	2.1	7.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.5	6.9	4.3	0.3	0.0	1.2	0.3	5.5	1.6	37.1
53691	54056	2027	2028	0.2	0.0	0.1	0.3	6.4	2.1	7.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.5	7.1	4.3	0.3	0.0	1.2	0.3	5.9	1.7	38.6
54056	54422	2028	2029	0.2	0.0	0.1	0.3	6.6	2.2	7.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.6	7.2	4.4	0.3	0.0	1.3	0.4	6.1	1.7	39.9
54422	54787	2029	2030	0.2	0.0	0.1	0.3	6.8	2.3	7.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.7	7.4	4.5	0.3	0.0	1.3	0.4	6.4	1.7	41.0
54787	55152	2030	2031	0.2	0.0	0.1	0.3	6.9	2.3	7.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.7	7.6	4.5	0.3	0.0	1.3	0.4	6.6	1.8	42.0
55152	55517	2031	2032	0.2	0.0	0.1	0.3	7.1	2.4	8.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	7.7	4.6	0.3	0.0	1.3	0.4	6.9	1.8	43.0
55517	55883	2032	2033	0.2	0.0	0.1	0.3	7.2	2.4	8.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.3	0.8	7.9	4.6	0.4	0.0	1.3	0.4	7.0	1.9	43.8
55883	56248	2033	2034	0.2	0.0	0.1	0.3	7.3	2.4	8.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	0.8	8.0	4.6	0.4	0.0	1.3	0.5	7.2	1.9	44.6
56248	56613	2034	2035	0.2	0.0	0.1	0.4	7.4	2.5	8.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	0.9	8.1	4.7	0.4	0.0	1.3	0.5	7.4	1.9	45.3
56613	56978	2035	2036	0.2	0.0	0.1	0.4	7.5	2.5	8.5	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	0.9	8.3	4.7	0.4	0.0	1.3	0.5	7.5	2.0	45.9
56978	57344	2036	2037	0.2	0.0	0.1	0.4	7.6	2.5	8.6	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	0.9	8.4	4.8	0.4	0.0	1.3	0.5	7.7	2.0	46.5
57344	57709	2037	2038	0.2	0.0	0.1	0.4	7.6	2.6	8.7	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.0	8.5	4.8	0.4	0.0	1.3	0.5	7.8	2.0	47.0
57709	58074	2038	2039	0.2	0.0	0.1	0.4	7.7	2.6	8.7	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.0	8.6	4.8	0.4	0.0	1.3	0.5	7.9	2.0	47.5
58074	58439	2039	2040	0.2	0.0	0.1	0.4	7.7	2.6	8.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.0	8.6	4.8	0.4	0.0	1.3	0.5	8.0	2.1	47.9
58439	58805	2040	2041	0.2	0.0	0.1	0.4	7.8	2.6	8.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.0	8.7	4.9	0.4	0.0	1.3	0.5	8.1	2.1	48.4
58805	59170	2041	2042	0.2	0.0	0.1	0.4	7.8	2.6	8.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.0	8.8	4.9	0.4	0.0	1.3	0.5	8.2	2.1	48.7
59170	59535	2042	2043	0.3	0.0	0.1	0.4	7.9	2.6	9.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.1	8.9	4.9	0.4	0.0	1.4	0.5	8.2	2.1	49.1
59535	59900	2043	2044	0.3	0.0	0.1	0.4	7.9	2.7	9.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.1	9.0	4.9	0.4	0.0	1.4	0.5	8.3	2.1	49.4
59900	60266	2044	2045	0.3	0.0	0.1	0.4	8.0	2.7	9.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.1	9.0	5.0	0.4	0.0	1.4	0.5	8.4	2.1	49.7
60266	60631	2045	2046	0.3	0.0	0.1	0.4	8.0	2.7	9.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.1	9.1	5.0	0.4	0.0	1.4	0.5	8.5	2.2	50.0
60631	60996	2046	2047	0.3	0.0	0.1	0.4	8.0	2.7	9.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.5	1.1	9.1	5.0	0.4	0.0	1.4	0.5	8.5	2.2	50.3
60996	61361	2047	2048	0.3	0.0	0.1	0.4	8.1	2.7	9.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.5	1.1	9.2	5.0	0.4	0.0	1.4	0.5	8.6	2.2	50.5
61361	61727	2048	2049	0.3	0.0	0.1	0.4	8.1	2.7	9.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.1	9.2	5.0	0.4	0.0	1.4	0.5	8.6	2.2	50.8
61727	62092	2049	2050	0.3	0.0	0.1	0.4	8.1	2.7	9.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.1	9.3	5.1	0.4	0.0	1.4	0.5	8.7	2.2	51.0
62092	62457	2050	2051	0.3	0.0	0.1	0.4	8.2	2.7	9.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.2	9.3	5.1	0.4	0.0	1.4	0.5	8.7	2.2	51.2
62457	62822	2051	2052	0.3	0.0	0.1	0.4	8.2	2.7	9.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.2	9.4	5.1	0.4	0.0	1.4	0.5	8.8	2.2	51.4
62822	63188	2052	2053	0.3	0.0	0.1	0.4	8.2	2.7	9.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.2	9.4	5.1	0.4	0.0	1.4	0.6	8.8	2.2	51.6
63188	63553	2053	2054	0.3	0.0	0.1	0.4	8.2	2.8	9.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.2	9.4	5.1	0.4	0.0	1.4	0.6	8.8	2.3	51.8
63553	63918	2054	2055	0.3	0.0	0.1	0.4	8.2	2.8	9.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.2	9.5	5.1	0.4	0.0	1.4	0.6	8.9	2.3	51.9
63918	64283	2055	2056	0.3	0.0	0.1	0.4	8.3	2.8	9.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.2	9.5	5.1	0.4	0.0	1.4	0.6	8.9	2.3	52.1
64283	64649	2056	2057	0.3	0.0	0.1	0.4	8.3	2.8	9.4	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.2	9.5	5.2	0.4	0.0	1.4	0.6	8.9	2.3	52.2
64649	65014	2057	2058	0.3	0.0	0.1	0.4	8.3	2.8	9.4	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.2	9.6	5.2	0.4	0.0	1.4	0.6	9.0	2.3	52.4
65014	65379	2058	2059	0.3	0.0	0.1	0.4	8.3	2.8	9.4	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.2	9.6	5.2	0.4	0.0	1.4	0.6	9.0	2.3	52.5
65379	65744	2059	2060	0.3	0.0	0.1	0.4	8.3	2.8	9.4	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.2	9.6	5.2	0.4	0.0	1.4	0.6	9.0	2.3	52.6
65744	66110	2060	2061	0.3	0.0	0.1	0.4	8.3	2.8	9.4	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.2	9.7	5.2	0.4	0.0	1.4	0.6	9.1	2.3	52.8
66110	66475	2061	2062	0.3	0.0	0.1	0.4	8.4	2.8	9.4	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.2	9.7	5.2	0.4	0.0	1.4	0.6	9.1	2.3	52.9
66475	66840	2062	2063	0.3	0.0	0.1	0.4	8.4	2.8	9.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.2	9.7	5.2	0.4	0.0	1.4	0.6	9.1	2.3	53.0
66840	67205	2063	2064	0.3	0.0	0.1	0.4	8.4	2.8	9.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.2	9.7	5.2	0.4	0.0	1.4	0.6	9.1	2.3	53.1
67205	67571	2064	2065	0.3	0.0	0.1	0.4	8.4	2.8	9.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	9.8	5.2	0.4	0.0	1.4	0.6	9.1	2.3	53.2

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S3C model)

				Central Murtho																															
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																															
67571	67936	2065	2066	0.3	0.0	0.1	0.4	8.4	2.8	9.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	9.8	5.2	0.4	0.0	1.4	0.6	9.2	2.3	53.3
67936	68301	2066	2067	0.3	0.0	0.1	0.4	8.4	2.8	9.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	9.8	5.3	0.4	0.0	1.4	0.6	9.2	2.4	53.4
68301	68666	2067	2068	0.3	0.0	0.1	0.4	8.4	2.8	9.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	9.8	5.3	0.4	0.0	1.4	0.6	9.2	2.4	53.5
68666	69032	2068	2069	0.3	0.0	0.1	0.4	8.4	2.8	9.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	9.8	5.3	0.4	0.0	1.4	0.6	9.2	2.4	53.6
69032	69397	2069	2070	0.3	0.0	0.1	0.4	8.4	2.8	9.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	9.9	5.3	0.4	0.0	1.4	0.6	9.2	2.4	53.7
69397	69762	2070	2071	0.3	0.0	0.1	0.4	8.5	2.8	9.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	9.9	5.3	0.4	0.0	1.4	0.6	9.3	2.4	53.7
69762	70127	2071	2072	0.3	0.0	0.1	0.4	8.5	2.8	9.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	9.9	5.3	0.4	0.0	1.4	0.6	9.3	2.4	53.8
70127	70493	2072	2073	0.3	0.0	0.1	0.4	8.5	2.8	9.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	9.9	5.3	0.4	0.0	1.4	0.6	9.3	2.4	53.9
70493	70858	2073	2074	0.3	0.0	0.1	0.4	8.5	2.8	9.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	9.9	5.3	0.4	0.0	1.4	0.6	9.3	2.4	54.0
70858	71223	2074	2075	0.3	0.0	0.1	0.4	8.5	2.8	9.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	9.9	5.3	0.4	0.0	1.4	0.6	9.3	2.4	54.0
71223	71588	2075	2076	0.3	0.0	0.1	0.4	8.5	2.8	9.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	9.9	5.3	0.4	0.0	1.4	0.6	9.3	2.4	54.1
71588	71954	2076	2077	0.3	0.0	0.1	0.4	8.5	2.8	9.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.0	5.3	0.4	0.0	1.4	0.6	9.4	2.4	54.2
71954	72319	2077	2078	0.3	0.0	0.1	0.4	8.5	2.8	9.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.0	5.3	0.4	0.0	1.4	0.6	9.4	2.4	54.2
72319	72684	2078	2079	0.3	0.0	0.1	0.4	8.5	2.9	9.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.0	5.3	0.4	0.0	1.4	0.6	9.4	2.4	54.3
72684	73049	2079	2080	0.3	0.0	0.1	0.4	8.5	2.9	9.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.0	5.3	0.4	0.0	1.4	0.6	9.4	2.4	54.3
73049	73415	2080	2081	0.3	0.0	0.1	0.4	8.5	2.9	9.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.0	5.3	0.4	0.0	1.4	0.6	9.4	2.4	54.4
73415	73780	2081	2082	0.3	0.0	0.1	0.4	8.5	2.9	9.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.0	5.3	0.4	0.0	1.4	0.6	9.4	2.4	54.5
73780	74145	2082	2083	0.3	0.0	0.1	0.4	8.5	2.9	9.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.0	5.3	0.4	0.0	1.4	0.6	9.4	2.4	54.5
74145	74510	2083	2084	0.3	0.0	0.1	0.4	8.6	2.9	9.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.0	5.3	0.4	0.0	1.4	0.6	9.4	2.4	54.6
74510	74876	2084	2085	0.3	0.0	0.1	0.4	8.6	2.9	9.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.1	5.3	0.4	0.0	1.4	0.6	9.4	2.4	54.6
74876	75241	2085	2086	0.3	0.0	0.1	0.4	8.6	2.9	9.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.1	5.4	0.4	0.0	1.4	0.6	9.5	2.4	54.7
75241	75606	2086	2087	0.3	0.0	0.1	0.4	8.6	2.9	9.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.1	5.4	0.4	0.0	1.4	0.6	9.5	2.4	54.7
75606	75971	2087	2088	0.3	0.0	0.1	0.4	8.6	2.9	9.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.1	5.4	0.4	0.0	1.4	0.6	9.5	2.4	54.7
75971	76337	2088	2089	0.3	0.0	0.1	0.4	8.6	2.9	9.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.1	5.4	0.4	0.0	1.4	0.6	9.5	2.4	54.8
76337	76702	2089	2090	0.3	0.0	0.1	0.4	8.6	2.9	9.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.1	5.4	0.4	0.0	1.4	0.6	9.5	2.4	54.8
76702	77067	2090	2091	0.3	0.0	0.1	0.4	8.6	2.9	9.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.1	5.4	0.4	0.0	1.4	0.6	9.5	2.4	54.9
77067	77432	2091	2092	0.3	0.0	0.1	0.4	8.6	2.9	9.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.1	5.4	0.4	0.0	1.4	0.6	9.5	2.4	54.9
77432	77798	2092	2093	0.3	0.0	0.1	0.4	8.6	2.9	9.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.1	5.4	0.4	0.0	1.4	0.6	9.5	2.5	55.0
77798	78163	2093	2094	0.3	0.0	0.1	0.4	8.6	2.9	9.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.1	5.4	0.4	0.0	1.4	0.6	9.5	2.5	55.0
78163	78528	2094	2095	0.3	0.0	0.1	0.4	8.6	2.9	9.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.1	5.4	0.4	0.0	1.4	0.6	9.5	2.5	55.0
78528	78893	2095	2096	0.3	0.0	0.1	0.4	8.6	2.9	9.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.2	5.4	0.4	0.0	1.4	0.6	9.5	2.5	55.1
78893	79259	2096	2097	0.3	0.0	0.1	0.4	8.6	2.9	9.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.2	5.4	0.4	0.0	1.4	0.6	9.5	2.5	55.1
79259	79624	2097	2098	0.3	0.0	0.1	0.4	8.6	2.9	9.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.2	5.4	0.4	0.0	1.4	0.6	9.6	2.5	55.1
79624	79989	2098	2099	0.3	0.0	0.1	0.4	8.6	2.9	9.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.2	5.4	0.4	0.0	1.4	0.6	9.6	2.5	55.2
79989	80354	2099	2100	0.3	0.0	0.1	0.4	8.6	2.9	9.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.2	5.4	0.4	0.0	1.4	0.6	9.6	2.5	55.2
80354	80719	2100	2101	0.3	0.0	0.1	0.4	8.6	2.9	9.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.2	5.4	0.4	0.0	1.4	0.6	9.6	2.5	55.2
80719	81084	2101	2102	0.3	0.0	0.1	0.4	8.6	2.9	9.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.4	10.2	5.4	0.4	0.0	1.4	0.6	9.6	2.5	55.3
81084	81449	2102	2103	0.3	0.0	0.1	0.4	8.6	2.9	9.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.4	10.2	5.4	0.4	0.0	1.4	0.6	9.6	2.5	55.3
81449	81814	2103	2104	0.3	0.0	0.1	0.4	8.6	2.9	9.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.4	10.2	5.4	0.4	0.0	1.4	0.6	9.6	2.5	55.3
81814	82180	2104	2105	0.3	0.0	0.1	0.4	8.6	2.9	9.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.4	10.2	5.4	0.4	0.0	1.4	0.6	9.6	2.5	55.4
82180	82545	2105	2106	0.3	0.0	0.1	0.4	8.6	2.9	9.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.4	10.2	5.4	0.4	0.0	1.4	0.6	9.6	2.5	55.4
82545	82910	2106	2107	0.3	0.0	0.1	0.4	8.7	2.9	9.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.4	10.2	5.4	0.4	0.0	1.4	0.6	9.6	2.5	55.4
82910	83275	2107	2108	0.3	0.0	0.1	0.4	8.7	2.9	9.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.4	10.2	5.4	0.4	0.0	1.4	0.6	9.6	2.5	55.4
83275	83641	2108	2109	0.3	0.0	0.1	0.4	8.7	2.9	9.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.4	10.2	5.4	0.4	0.0	1.4	0.6	9.6	2.5	55.5
83641	84006	2109	2110	0.3	0.0	0.1	0.4	8.7	2.9	9.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.4	10.2	5.4	0.4	0.0	1.4	0.6	9.6	2.5	55.5
84006	84371	2110	2111	0.3	0.0	0.1	0.4	8.7	2.9	9.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.4	10.2	5.4	0.4	0.0	1.4	0.6	9.6	2.5	55.5
84371	84736	2111	2112	0.3	0.0	0.1	0.4	8.7	2.9	9.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.4	10.3	5.4	0.4	0.0	1.4	0.6	9.6	2.5	55.5
84736	85102	2112	2113	0.3	0.0	0.1	0.4	8.7	2.9	9.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.4	10.3	5.4	0.4	0.0	1.4	0.6	9.6	2.5	55.6
85102	85467	2113	2114	0.3	0.0	0.1	0.4	8.7	2.9	9.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.5	1.4	10.3	5.4	0.4	0.0	1.4	0.6	9.6	2.5	55.6

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S3C model)

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
0	1	1880	1880	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6381
1	1827	1880	1885	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
1827	3653	1885	1890	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
3653	5479	1890	1895	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
5479	7305	1895	1900	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
7305	9131	1900	1905	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
9131	10957	1905	1910	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
10957	12783	1910	1915	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
12783	14609	1915	1920	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
14609	16436	1920	1925	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
16436	18262	1925	1930	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
18262	20088	1930	1935	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
20088	21914	1935	1940	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
21914	23741	1940	1945	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
23741	25567	1945	1950	2722	1318	1230	588	149	62	133	89	96	85	66	17	4	95	13	0	0	72	6738
25567	27393	1950	1955	2722	1318	1230	590	153	62	135	89	96	86	67	17	4	98	13	0	0	74	6756
27393	29219	1955	1960	2722	1318	1230	591	154	62	136	89	96	86	67	17	4	99	14	0	0	75	6761
29219	31046	1960	1965	2722	1318	1230	588	152	62	132	89	96	85	66	17	4	98	14	0	0	74	6747
31046	32872	1965	1970	2722	1318	1230	588	152	62	132	89	96	85	66	17	4	98	14	0	0	74	6748
32872	34698	1970	1975	2722	1318	1230	588	153	62	133	89	96	85	66	17	4	99	14	0	0	74	6749
34698	36524	1975	1980	2722	1318	1230	586	151	62	129	88	95	84	65	17	4	98	14	0	0	73	6734
36524	37255	1980	1982	2722	1318	1230	586	151	62	129	89	95	84	65	17	4	98	14	0	0	73	6735
37255	37985	1982	1984	2722	1318	1230	586	151	62	129	89	95	84	66	17	4	98	14	0	0	73	6736
37985	38351	1984	1985	2722	1318	1230	584	150	62	128	88	95	84	65	17	4	98	14	0	0	73	6732
38351	38716	1985	1986	2722	1318	1230	584	150	62	127	88	95	84	65	17	4	98	14	0	0	73	6731
38716	39446	1986	1988	2722	1318	1230	584	150	62	127	88	95	84	65	17	4	99	15	0	0	73	6734
39446	39812	1988	1989	2722	1318	1230	584	150	62	127	88	95	84	66	17	4	100	15	0	0	73	6736
39812	40177	1989	1990	2722	1318	1230	584	150	62	128	88	95	84	66	17	4	101	15	0	0	74	6738
40177	40542	1990	1991	2722	1318	1230	585	157	63	144	91	98	91	75	18	5	126	27	0	0	96	6846
40542	40907	1991	1992	2722	1318	1230	588	166	64	158	93	101	98	82	19	6	143	30	0	0	108	6927
40907	41273	1992	1993	2722	1318	1230	590	171	64	165	94	102	100	86	19	6	151	32	0	0	114	6967
41273	41638	1993	1994	2722	1319	1230	591	175	65	168	95	103	102	87	20	7	156	34	0	0	118	6990
41638	42003	1994	1995	2722	1319	1230	592	176	65	168	95	103	102	87	20	7	157	34	0	0	117	6992
42003	42368	1995	1996	2722	1319	1230	592	176	65	168	95	103	102	89	20	7	172	42	0	0	127	7029
42368	42734	1996	1997	2722	1319	1230	593	177	65	171	96	104	104	92	20	8	185	47	0	0	134	7066
42734	43099	1997	1998	2722	1319	1230	593	179	65	174	96	105	106	94	21	8	192	49	0	0	139	7091
43099	43464	1998	1999	2722	1319	1230	594	180	65	176	97	105	107	95	21	8	197	51	0	0	142	7108
43464	43829	1999	2000	2722	1319	1230	594	180	66	177	97	105	107	96	21	8	201	52	0	0	144	7120
43829	44195	2000	2001	2722	1319	1230	593	180	65	174	96	105	106	95	21	8	198	50	0	0	141	7104
44195	44560	2001	2002	2722	1319	1230	590	178	65	167	95	104	104	92	21	8	192	48	0	0	136	7070
44560	44925	2002	2003	2722	1319	1230	588	175	65	160	94	102	101	88	20	7	184	45	0	0	129	7029
44925	45290	2003	2004	2722	1319	1230	585	172	64	151	93	101	97	85	20	7	175	42	0	0	121	6984
45290	45656	2004	2005	2722	1319	1230	581	168	63	143	92	100	95	81	20	7	169	41	0	0	116	6946
45656	46021	2005	2006	2722	1319	1230	579	165	63	139	91	99	93	80	19	6	166	40	0	0	114	6926
46021	46386	2006	2007	2722	1319	1230	576	162	63	134	90	98	91	77	19	6	161	39	0	0	110	6899
46386	46751	2007	2008	2722	1319	1230	573	159	62	128	90	97	89	75	19	6	156	38	0	0	106	6869
46751	47117	2008	2009	2722	1319	1230	570	155	62	122	89	96	87	73	19	6	151	36	0	0	101	6837
47117	47482	2009	2010	2722	1319	1230	567	152	61	115	88	95	85	70	18	5	145	34	0	0	96	6802
47482	47847	2010	2011	2722	1319	1230	563	148	61	110	87	94	83	68	18	5	140	34	0	0	92	6774
47847	48212	2011	2012	2722	1319	1230	560	145	60	105	86	93	81	66	18	5	137	33	0	0	90	6751
48212	48578	2012	2013	2722	1319	1230	556	142	60	100	86	93	80	65	18	5	135	33	0	0	87	6731
48578	48943	2013	2014	2722	1319	1230	553	140	60	96	85	92	78	63	18	5	133	32	0	0	85	6712

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
0	1	1880	1880	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
1	1827	1880	1885	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
1827	3653	1885	1890	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
3653	5479	1890	1895	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
5479	7305	1895	1900	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
7305	9131	1900	1905	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
9131	10957	1905	1910	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
10957	12783	1910	1915	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
12783	14609	1915	1920	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
14609	16436	1920	1925	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
16436	18262	1925	1930	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
18262	20088	1930	1935	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
20088	21914	1935	1940	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
21914	23741	1940	1945	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
23741	25567	1945	1950	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.0	1.8	1.4	0.4	0.1	2.0	0.3	0.0	0.0	2.0	24.8
25567	27393	1950	1955	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	25.0
27393	29219	1955	1960	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	25.1
29219	31046	1960	1965	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
31046	32872	1965	1970	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
32872	34698	1970	1975	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
34698	36524	1975	1980	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
36524	37255	1980	1982	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
37255	37985	1982	1984	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
37985	38351	1984	1985	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
38351	38716	1985	1986	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
38716	39446	1986	1988	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
39446	39812	1988	1989	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.8
39812	40177	1989	1990	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.2	0.3	0.0	0.0	2.1	24.8
40177	40542	1990	1991	3.7	1.8	1.7	0.8	0.6	1.4	3.2	1.9	2.1	2.0	1.6	0.4	0.1	2.7	0.6	0.0	0.0	2.7	27.2
40542	40907	1991	1992	3.7	1.8	1.7	0.8	0.6	1.4	3.5	2.0	2.2	2.1	1.8	0.4	0.1	3.0	0.6	0.0	0.0	3.0	28.7
40907	41273	1992	1993	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.1	1.8	0.4	0.1	3.2	0.7	0.0	0.0	3.2	29.5
41273	41638	1993	1994	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.1	3.3	0.7	0.0	0.0	3.3	29.9
41638	42003	1994	1995	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.1	3.4	0.7	0.0	0.0	3.3	30.0
42003	42368	1995	1996	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.2	3.7	0.9	0.0	0.0	3.5	30.8
42368	42734	1996	1997	3.7	1.8	1.7	0.8	0.7	1.4	3.8	2.0	2.2	2.2	2.0	0.4	0.2	3.9	1.0	0.0	0.0	3.8	31.6
42734	43099	1997	1998	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.1	1.1	0.0	0.0	3.9	32.1
43099	43464	1998	1999	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.2	1.1	0.0	0.0	4.0	32.5
43464	43829	1999	2000	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.3	1.1	0.0	0.0	4.0	32.7
43829	44195	2000	2001	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.2	1.1	0.0	0.0	3.9	32.4
44195	44560	2001	2002	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	2.0	0.4	0.2	4.1	1.0	0.0	0.0	3.8	31.7
44560	44925	2002	2003	3.7	1.8	1.7	0.8	0.7	1.4	3.6	2.0	2.2	2.2	1.9	0.4	0.2	3.9	1.0	0.0	0.0	3.6	30.9
44925	45290	2003	2004	3.7	1.8	1.7	0.8	0.7	1.4	3.4	2.0	2.2	2.1	1.8	0.4	0.1	3.7	0.9	0.0	0.0	3.4	30.0
45290	45656	2004	2005	3.7	1.8	1.7	0.8	0.6	1.4	3.2	2.0	2.1	2.0	1.7	0.4	0.1	3.6	0.9	0.0	0.0	3.2	29.3
45656	46021	2005	2006	3.7	1.8	1.7	0.8	0.6	1.4	3.1	1.9	2.1	2.0	1.7	0.4	0.1	3.5	0.9	0.0	0.0	3.2	28.9
46021	46386	2006	2007	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	1.9	1.7	0.4	0.1	3.4	0.8	0.0	0.0	3.1	28.4
46386	46751	2007	2008	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.1	1.9	1.6	0.4	0.1	3.3	0.8	0.0	0.0	3.0	27.9
46751	47117	2008	2009	3.7	1.8	1.7	0.8	0.6	1.4	2.7	1.9	2.1	1.9	1.6	0.4	0.1	3.2	0.8	0.0	0.0	2.8	27.3
47117	47482	2009	2010	3.7	1.8	1.7	0.8	0.6	1.4	2.6	1.9	2.0	1.8	1.5	0.4	0.1	3.1	0.7	0.0	0.0	2.7	26.6
47482	47847	2010	2011	3.7	1.8	1.7	0.8	0.6	1.4	2.4	1.9	2.0	1.8	1.4	0.4	0.1	3.0	0.7	0.0	0.0	2.6	26.1
47847	48212	2011	2012	3.7	1.8	1.7	0.8	0.6	1.3	2.3	1.8	2.0	1.7	1.4	0.4	0.1	2.9	0.7	0.0	0.0	2.5	25.7
48212	48578	2012	2013	3.7	1.8	1.7	0.8	0.5	1.3	2.2	1.8	2.0	1.7	1.4	0.4	0.1	2.9	0.7	0.0	0.0	2.4	25.4
48578	48943	2013	2014	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	2.8	0.7	0.0	0.0	2.4	25.1

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S3C model)

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
48943	49308	2014	2015	2722	1319	1230	551	138	60	94	85	92	77	62	18	5	131	32	0	0	84	6699
49308	49673	2015	2016	2722	1319	1230	550	136	59	91	84	91	77	62	17	5	130	32	0	0	83	6688
49673	50039	2016	2017	2722	1319	1230	548	135	59	89	84	91	76	61	17	5	129	32	0	0	82	6679
50039	50404	2017	2018	2722	1319	1230	548	134	59	88	84	91	76	61	17	5	128	32	0	0	81	6675
50404	50769	2018	2019	2722	1319	1230	548	134	59	88	84	91	76	61	17	5	128	32	0	0	81	6673
50769	51134	2019	2020	2722	1319	1230	548	134	59	88	84	91	76	60	17	5	128	31	0	0	81	6672
51134	51500	2020	2021	2722	1319	1230	547	134	59	88	84	91	76	60	17	5	127	31	0	0	81	6672
51500	51865	2021	2022	2722	1319	1230	547	134	59	88	84	91	76	60	17	5	128	32	0	0	81	6672
51865	52230	2022	2023	2722	1319	1230	547	134	59	88	84	91	76	60	17	5	128	32	0	0	81	6672
52230	52595	2023	2024	2722	1319	1230	548	134	59	88	84	91	76	61	17	5	128	32	0	0	81	6674
52595	52961	2024	2025	2722	1319	1230	548	134	59	88	84	91	76	61	17	5	129	32	0	0	82	6675
52961	53326	2025	2026	2722	1319	1230	548	134	59	88	84	91	76	61	17	5	129	32	0	0	82	6677
53326	53691	2026	2027	2722	1319	1230	548	134	59	88	84	91	76	61	18	5	131	33	0	0	83	6680
53691	54056	2027	2028	2722	1319	1230	548	134	59	88	84	91	76	61	18	5	132	34	0	0	83	6685
54056	54422	2028	2029	2722	1319	1230	548	134	59	89	84	91	76	61	18	5	134	35	0	0	84	6690
54422	54787	2029	2030	2722	1319	1230	548	135	59	89	84	91	76	62	18	5	136	35	0	0	85	6695
54787	55152	2030	2031	2722	1319	1230	548	135	59	89	84	91	77	62	18	5	138	36	0	0	87	6701
55152	55517	2031	2032	2722	1319	1230	548	135	60	90	85	91	77	62	18	5	140	37	0	0	88	6707
55517	55883	2032	2033	2722	1319	1230	549	136	60	90	85	92	77	63	18	5	142	38	0	0	89	6713
55883	56248	2033	2034	2722	1319	1230	549	136	60	90	85	92	77	63	18	5	144	39	0	0	90	6719
56248	56613	2034	2035	2723	1319	1230	549	136	60	91	85	92	78	63	18	5	146	39	0	0	91	6725
56613	56978	2035	2036	2723	1319	1230	550	137	60	91	85	92	78	64	18	5	147	40	0	0	92	6730
56978	57344	2036	2037	2723	1319	1230	550	137	60	91	85	92	78	64	18	5	149	41	0	0	93	6736
57344	57709	2037	2038	2723	1319	1230	550	138	60	92	85	92	78	64	19	5	151	41	0	0	94	6742
57709	58074	2038	2039	2723	1319	1230	551	138	60	92	85	92	78	65	19	6	152	42	0	0	95	6747
58074	58439	2039	2040	2723	1319	1230	551	139	60	93	85	92	79	65	19	6	154	43	0	0	96	6752
58439	58805	2040	2041	2723	1319	1230	551	139	60	93	85	92	79	65	19	6	155	43	0	0	97	6758
58805	59170	2041	2042	2723	1319	1230	552	140	60	93	85	93	79	66	19	6	157	44	0	0	97	6763
59170	59535	2042	2043	2723	1319	1230	552	141	60	94	86	93	79	66	19	6	158	44	0	0	98	6767
59535	59900	2043	2044	2723	1319	1230	553	141	60	94	86	93	79	66	19	6	159	45	0	0	99	6772
59900	60266	2044	2045	2723	1319	1230	553	142	60	94	86	93	80	66	19	6	161	45	0	0	100	6776
60266	60631	2045	2046	2723	1319	1230	553	142	60	95	86	93	80	67	19	6	162	46	0	0	100	6781
60631	60996	2046	2047	2723	1319	1230	554	143	60	95	86	93	80	67	19	6	163	46	0	0	101	6785
60996	61361	2047	2048	2723	1319	1230	554	143	60	95	86	93	80	67	19	6	164	47	0	0	102	6789
61361	61727	2048	2049	2723	1319	1230	555	144	60	96	86	93	80	67	19	6	165	47	0	0	102	6793
61727	62092	2049	2050	2723	1319	1230	555	144	60	96	86	93	80	67	19	6	166	48	0	0	103	6796
62092	62457	2050	2051	2723	1319	1230	555	145	60	96	86	93	81	68	19	6	167	48	0	0	103	6800
62457	62822	2051	2052	2723	1319	1230	556	145	61	97	86	93	81	68	19	6	168	48	0	0	104	6804
62822	63188	2052	2053	2723	1319	1230	556	146	61	97	86	93	81	68	19	6	169	49	0	0	104	6807
63188	63553	2053	2054	2723	1319	1230	556	146	61	97	86	93	81	68	19	6	170	49	0	0	105	6810
63553	63918	2054	2055	2723	1319	1230	557	146	61	98	86	93	81	68	19	6	170	49	0	0	105	6813
63918	64283	2055	2056	2723	1319	1230	557	147	61	98	86	94	81	68	19	6	171	50	0	0	106	6816
64283	64649	2056	2057	2723	1319	1230	557	147	61	98	86	94	81	69	20	6	172	50	0	0	106	6819
64649	65014	2057	2058	2723	1319	1230	557	148	61	98	86	94	81	69	20	6	173	50	0	0	107	6822
65014	65379	2058	2059	2723	1319	1230	558	148	61	99	86	94	81	69	20	6	173	51	0	0	107	6825
65379	65744	2059	2060	2723	1319	1230	558	148	61	99	86	94	82	69	20	6	174	51	0	0	107	6828
65744	66110	2060	2061	2723	1319	1230	558	149	61	99	87	94	82	69	20	6	175	51	0	0	108	6830
66110	66475	2061	2062	2723	1319	1230	558	149	61	99	87	94	82	69	20	6	175	51	0	0	108	6833
66475	66840	2062	2063	2723	1319	1230	559	150	61	99	87	94	82	69	20	6	176	52	0	0	109	6835
66840	67205	2063	2064	2723	1319	1231	559	150	61	100	87	94	82	70	20	6	176	52	0	0	109	6837
67205	67571	2064	2065	2723	1319	1231	559	150	61	100	87	94	82	70	20	6	177	52	0	0	109	6840

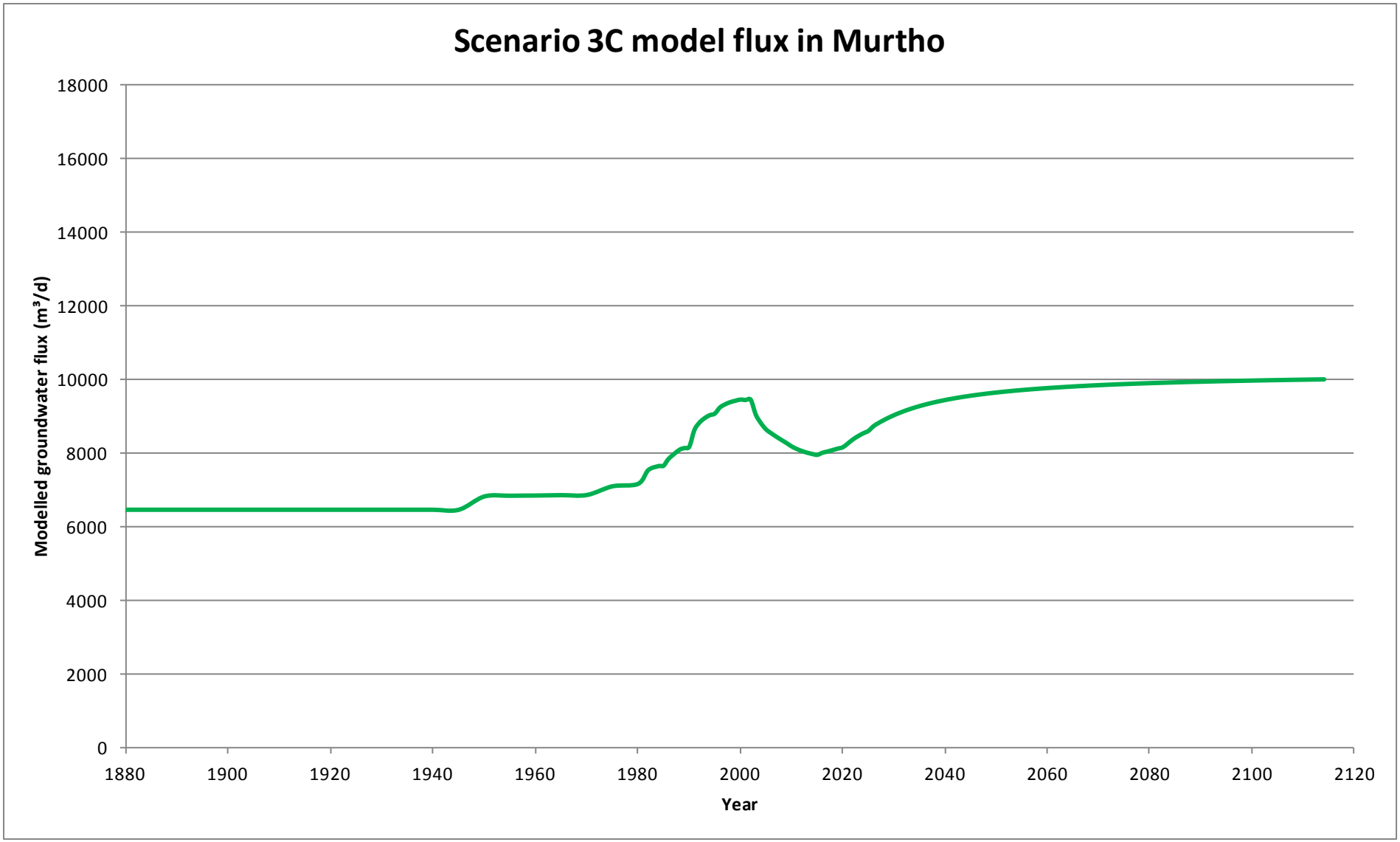
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
48943	49308	2014	2015	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.3	0.4	0.1	2.8	0.7	0.0	0.0	2.3	24.9
49308	49673	2015	2016	3.7	1.8	1.7	0.7	0.5	1.3	2.0	1.8	1.9	1.6	1.3	0.4	0.1	2.8	0.7	0.0	0.0	2.3	24.7
49673	50039	2016	2017	3.7	1.8	1.7	0.7	0.5	1.3	2.0	1.8	1.9	1.6	1.3	0.4	0.1	2.7	0.7	0.0	0.0	2.3	24.5
50039	50404	2017	2018	3.7	1.8	1.7	0.7	0.5	1.3	2.0	1.8	1.9	1.6	1.3	0.4	0.1	2.7	0.7	0.0	0.0	2.3	24.5
50404	50769	2018	2019	3.7	1.8	1.7	0.7	0.5	1.3	2.0	1.8	1.9	1.6	1.3	0.4	0.1	2.7	0.7	0.0	0.0	2.3	24.4
50769	51134	2019	2020	3.7	1.8	1.7	0.7	0.5	1.3	2.0	1.8	1.9	1.6	1.3	0.4	0.1	2.7	0.7	0.0	0.0	2.3	24.4
51134	51500	2020	2021	3.7	1.8	1.7	0.7	0.5	1.3	2.0	1.8	1.9	1.6	1.3	0.4	0.1	2.7	0.7	0.0	0.0	2.3	24.4
51500	51865	2021	2022	3.7	1.8	1.7	0.7	0.5	1.3	2.0	1.8	1.9	1.6	1.3	0.4	0.1	2.7	0.7	0.0	0.0	2.3	24.4
51865	52230	2022	2023	3.7	1.8	1.7	0.7	0.5	1.3	2.0	1.8	1.9	1.6	1.3	0.4	0.1	2.7	0.7	0.0	0.0	2.3	24.4
52230	52595	2023	2024	3.7	1.8	1.7	0.7	0.5	1.3	2.0	1.8	1.9	1.6	1.3	0.4	0.1	2.7	0.7	0.0	0.0	2.3	24.5
52595	52961	2024	2025	3.7	1.8	1.7	0.7	0.5	1.3	2.0	1.8	1.9	1.6	1.3	0.4	0.1	2.7	0.7	0.0	0.0	2.3	24.5
52961	53326	2025	2026	3.7	1.8	1.7	0.7	0.5	1.3	2.0	1.8	1.9	1.6	1.3	0.4	0.1	2.8	0.7	0.0	0.0	2.3	24.5
53326	53691	2026	2027	3.7	1.8	1.7	0.7	0.5	1.3	2.0	1.8	1.9	1.6	1.3	0.4	0.1	2.8	0.7	0.0	0.0	2.3	24.6
53691	54056	2027	2028	3.7	1.8	1.7	0.7	0.5	1.3	2.0	1.8	1.9	1.6	1.3	0.4	0.1	2.8	0.7	0.0	0.0	2.3	24.7
54056	54422	2028	2029	3.7	1.8	1.7	0.7	0.5	1.3	2.0	1.8	1.9	1.6	1.3	0.4	0.1	2.9	0.7	0.0	0.0	2.4	24.8
54422	54787	2029	2030	3.7	1.8	1.7	0.7	0.5	1.3	2.0	1.8	1.9	1.6	1.3	0.4	0.1	2.9	0.8	0.0	0.0	2.4	24.9
54787	55152	2030	2031	3.7	1.8	1.7	0.7	0.5	1.3	2.0	1.8	1.9	1.6	1.3	0.4	0.1	2.9	0.8	0.0	0.0	2.4	25.0
55152	55517	2031	2032	3.7	1.8	1.7	0.7	0.5	1.3	2.0	1.8	2.0	1.6	1.3	0.4	0.1	3.0	0.8	0.0	0.0	2.5	25.2
55517	55883	2032	2033	3.7	1.8	1.7	0.7	0.5	1.3	2.0	1.8	2.0	1.6	1.3	0.4	0.1	3.0	0.8	0.0	0.0	2.5	25.3
55883	56248	2033	2034	3.7	1.8	1.7	0.7	0.5	1.3	2.0	1.8	2.0	1.7	1.3	0.4	0.1	3.1	0.8	0.0	0.0	2.5	25.4
56248	56613	2034	2035	3.7	1.8	1.7	0.7	0.5	1.3	2.0	1.8	2.0	1.7	1.4	0.4	0.1	3.1	0.8	0.0	0.0	2.5	25.5
56613	56978	2035	2036	3.7	1.8	1.7	0.7	0.5	1.3	2.0	1.8	2.0	1.7	1.4	0.4	0.1	3.1	0.9	0.0	0.0	2.6	25.6
56978	57344	2036	2037	3.7	1.8	1.7	0.7	0.5	1.3	2.0	1.8	2.0	1.7	1.4	0.4	0.1	3.2	0.9	0.0	0.0	2.6	25.7
57344	57709	2037	2038	3.7	1.8	1.7	0.7	0.5	1.3	2.0	1.8	2.0	1.7	1.4	0.4	0.1	3.2	0.9	0.0	0.0	2.6	25.9
57709	58074	2038	2039	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.3	0.9	0.0	0.0	2.7	26.0
58074	58439	2039	2040	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.3	0.9	0.0	0.0	2.7	26.1
58439	58805	2040	2041	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.3	0.9	0.0	0.0	2.7	26.2
58805	59170	2041	2042	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.4	0.9	0.0	0.0	2.7	26.2
59170	59535	2042	2043	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.4	0.9	0.0	0.0	2.7	26.3
59535	59900	2043	2044	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.4	1.0	0.0	0.0	2.8	26.4
59900	60266	2044	2045	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.4	1.0	0.0	0.0	2.8	26.5
60266	60631	2045	2046	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.5	1.0	0.0	0.0	2.8	26.6
60631	60996	2046	2047	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.5	1.0	0.0	0.0	2.8	26.7
60996	61361	2047	2048	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.5	1.0	0.0	0.0	2.8	26.7
61361	61727	2048	2049	3.7	1.8	1.7	0.7	0.6	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.5	1.0	0.0	0.0	2.9	26.8
61727	62092	2049	2050	3.7	1.8	1.7	0.8	0.6	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.5	1.0	0.0	0.0	2.9	26.9
62092	62457	2050	2051	3.7	1.8	1.7	0.8	0.6	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.6	1.0	0.0	0.0	2.9	26.9
62457	62822	2051	2052	3.7	1.8	1.7	0.8	0.6	1.3	2.2	1.8	2.0	1.7	1.4	0.4	0.1	3.6	1.0	0.0	0.0	2.9	27.0
62822	63188	2052	2053	3.7	1.8	1.7	0.8	0.6	1.3	2.2	1.8	2.0	1.7	1.5	0.4	0.1	3.6	1.0	0.0	0.0	2.9	27.1
63188	63553	2053	2054	3.7	1.8	1.7	0.8	0.6	1.3	2.2	1.8	2.0	1.7	1.5	0.4	0.1	3.6	1.0	0.0	0.0	2.9	27.1
63553	63918	2054	2055	3.7	1.8	1.7	0.8	0.6	1.3	2.2	1.8	2.0	1.7	1.5	0.4	0.1	3.6	1.1	0.0	0.0	2.9	27.2
63918	64283	2055	2056	3.7	1.8	1.7	0.8	0.6	1.3	2.2	1.8	2.0	1.7	1.5	0.4	0.1	3.7	1.1	0.0	0.0	3.0	27.2
64283	64649	2056	2057	3.7	1.8	1.7	0.8	0.6	1.3	2.2	1.8	2.0	1.7	1.5	0.4	0.1	3.7	1.1	0.0	0.0	3.0	27.3
64649	65014	2057	2058	3.7	1.8	1.7	0.8	0.6	1.4	2.2	1.8	2.0	1.7	1.5	0.4	0.1	3.7	1.1	0.0	0.0	3.0	27.3
65014	65379	2058	2059	3.7	1.8	1.7	0.8	0.6	1.4	2.2	1.8	2.0	1.7	1.5	0.4	0.1	3.7	1.1	0.0	0.0	3.0	27.4
65379	65744	2059	2060	3.7	1.8	1.7	0.8	0.6	1.4	2.2	1.8	2.0	1.7	1.5	0.4	0.1	3.7	1.1	0.0	0.0	3.0	27.4
65744	66110	2060	2061	3.7	1.8	1.7	0.8	0.6	1.4	2.2	1.8	2.0	1.7	1.5	0.4	0.1	3.7	1.1	0.0	0.0	3.0	27.5
66110	66475	2061	2062	3.7	1.8	1.7	0.8	0.6	1.4	2.2	1.8	2.0	1.7	1.5	0.4	0.1	3.7	1.1	0.0	0.0	3.0	27.5
66475	66840	2062	2063	3.7	1.8	1.7	0.8	0.6	1.4	2.2	1.8	2.0	1.7	1.5	0.4	0.1	3.8	1.1	0.0	0.0	3.0	27.6
66840	67205	2063	2064	3.7	1.8	1.7	0.8	0.6	1.4	2.2	1.9	2.0	1.7	1.5	0.4	0.1	3.8	1.1	0.0	0.0	3.0	27.6
67205	67571	2064	2065	3.7	1.8	1.7	0.8	0.6	1.4	2.2	1.9	2.0	1.8	1.5	0.4	0.1	3.8	1.1	0.0	0.0	3.1	27.6

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S3C model)

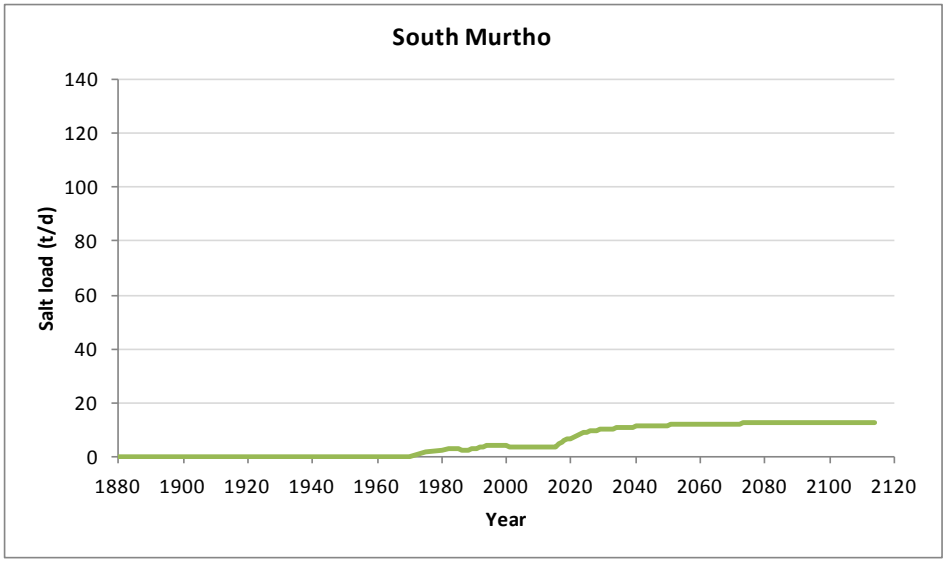
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
67571	67936	2065	2066	2723	1319	1231	560	151	61	100	87	94	82	70	20	6	177	52	0	0	109	6842
67936	68301	2066	2067	2723	1319	1231	560	151	61	100	87	94	82	70	20	6	178	53	0	0	110	6844
68301	68666	2067	2068	2723	1319	1231	560	151	61	100	87	94	82	70	20	7	178	53	0	0	110	6846
68666	69032	2068	2069	2723	1319	1231	560	152	61	101	87	94	82	70	20	7	179	53	0	0	110	6848
69032	69397	2069	2070	2723	1319	1231	560	152	61	101	87	94	82	70	20	7	179	53	0	0	111	6850
69397	69762	2070	2071	2723	1319	1231	561	152	61	101	87	94	82	70	20	7	180	53	0	0	111	6852
69762	70127	2071	2072	2723	1319	1231	561	153	61	101	87	94	83	70	20	7	180	53	0	0	111	6854
70127	70493	2072	2073	2723	1319	1231	561	153	61	101	87	94	83	70	20	7	181	54	0	0	111	6856
70493	70858	2073	2074	2723	1319	1231	561	153	61	101	87	94	83	71	20	7	181	54	0	0	112	6858
70858	71223	2074	2075	2723	1319	1231	561	153	61	102	87	94	83	71	20	7	182	54	0	0	112	6859
71223	71588	2075	2076	2723	1319	1231	562	153	61	102	87	94	83	71	20	7	182	54	0	0	112	6861
71588	71954	2076	2077	2723	1319	1231	562	154	61	102	87	94	83	71	20	7	182	54	0	0	112	6862
71954	72319	2077	2078	2723	1319	1231	562	154	61	102	87	94	83	71	20	7	183	54	0	0	113	6864
72319	72684	2078	2079	2723	1319	1231	562	154	61	102	87	94	83	71	20	7	183	55	0	0	113	6865
72684	73049	2079	2080	2723	1319	1231	562	154	61	102	87	94	83	71	20	7	183	55	0	0	113	6867
73049	73415	2080	2081	2723	1319	1231	562	154	61	102	87	95	83	71	20	7	184	55	0	0	113	6868
73415	73780	2081	2082	2723	1319	1231	562	154	61	103	87	95	83	71	20	7	184	55	0	0	113	6869
73780	74145	2082	2083	2723	1319	1231	563	155	61	103	87	95	83	71	20	7	184	55	0	0	114	6870
74145	74510	2083	2084	2723	1319	1231	563	155	61	103	87	95	83	71	20	7	185	55	0	0	114	6872
74510	74876	2084	2085	2723	1319	1231	563	155	61	103	87	95	83	71	20	7	185	55	0	0	114	6873
74876	75241	2085	2086	2723	1319	1231	563	155	61	103	87	95	83	71	20	7	185	56	0	0	114	6874
75241	75606	2086	2087	2723	1319	1231	563	155	61	103	87	95	83	72	20	7	186	56	0	0	114	6875
75606	75971	2087	2088	2723	1320	1231	563	155	61	103	87	95	83	72	20	7	186	56	0	0	115	6876
75971	76337	2088	2089	2723	1320	1231	563	155	61	103	87	95	83	72	20	7	186	56	0	0	115	6878
76337	76702	2089	2090	2723	1320	1231	563	156	61	103	87	95	83	72	20	7	187	56	0	0	115	6879
76702	77067	2090	2091	2723	1320	1231	563	156	61	103	87	95	83	72	20	7	187	56	0	0	115	6880
77067	77432	2091	2092	2723	1320	1231	563	156	61	104	87	95	84	72	20	7	187	56	0	0	115	6881
77432	77798	2092	2093	2723	1320	1231	564	156	61	104	87	95	84	72	20	7	187	56	0	0	115	6882
77798	78163	2093	2094	2723	1320	1231	564	156	61	104	87	95	84	72	20	7	188	56	0	0	115	6882
78163	78528	2094	2095	2723	1320	1231	564	156	61	104	87	95	84	72	20	7	188	57	0	0	116	6883
78528	78893	2095	2096	2723	1320	1231	564	156	61	104	87	95	84	72	20	7	188	57	0	0	116	6884
78893	79259	2096	2097	2723	1320	1231	564	156	61	104	87	95	84	72	20	7	188	57	0	0	116	6885
79259	79624	2097	2098	2723	1320	1231	564	157	61	104	87	95	84	72	20	7	188	57	0	0	116	6886
79624	79989	2098	2099	2723	1320	1231	564	157	61	104	87	95	84	72	20	7	189	57	0	0	116	6887
79989	80354	2099	2100	2723	1320	1231	564	157	61	104	87	95	84	72	20	7	189	57	0	0	116	6888
80354	80719	2100	2101	2723	1320	1231	564	157	61	104	88	95	84	72	20	7	189	57	0	0	116	6889
80719	81084	2101	2102	2723	1320	1231	564	157	61	104	88	95	84	72	20	7	189	57	0	0	117	6890
81084	81449	2102	2103	2723	1320	1231	564	157	61	105	88	95	84	72	20	7	190	57	0	0	117	6890
81449	81814	2103	2104	2723	1320	1231	564	157	62	105	88	95	84	72	20	7	190	57	0	0	117	6891
81814	82180	2104	2105	2723	1320	1231	564	157	62	105	88	95	84	72	20	7	190	57	0	0	117	6892
82180	82545	2105	2106	2723	1320	1231	565	157	62	105	88	95	84	72	20	7	190	57	0	0	117	6893
82545	82910	2106	2107	2723	1320	1231	565	157	62	105	88	95	84	73	20	7	190	58	0	0	117	6893
82910	83275	2107	2108	2723	1320	1231	565	158	62	105	88	95	84	73	20	7	190	58	0	0	117	6894
83275	83641	2108	2109	2723	1320	1231	565	158	62	105	88	95	84	73	20	7	191	58	0	0	117	6895
83641	84006	2109	2110	2723	1320	1231	565	158	62	105	88	95	84	73	20	7	191	58	0	0	117	6895
84006	84371	2110	2111	2723	1320	1231	565	158	62	105	88	95	84	73	20	7	191	58	0	0	118	6896
84371	84736	2111	2112	2723	1320	1231	565	158	62	105	88	95	84	73	20	7	191	58	0	0	118	6897
84736	85102	2112	2113	2723	1320	1231	565	158	62	105	88	95	84	73	20	7	191	58	0	0	118	6897
85102	85467	2113	2114	2723	1320	1231	565	158	62	105	88	95	84	73	20	7	191	58	0	0	118	6898

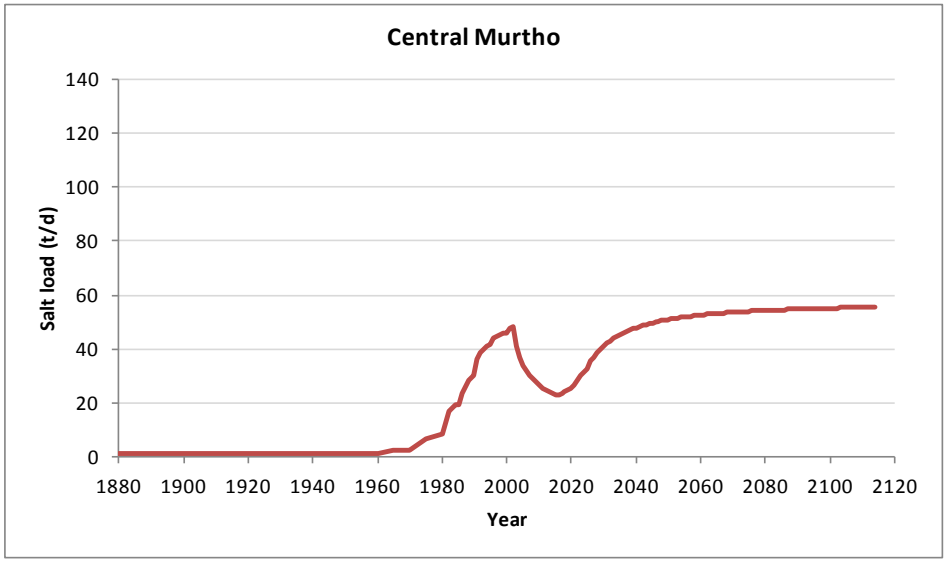
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
67571	67936	2065	2066	3.7	1.8	1.7	0.8	0.6	1.4	2.2	1.9	2.0	1.8	1.5	0.4	0.1	3.8	1.1	0.0	0.0	3.1	27.7
67936	68301	2066	2067	3.7	1.8	1.7	0.8	0.6	1.4	2.2	1.9	2.0	1.8	1.5	0.4	0.1	3.8	1.1	0.0	0.0	3.1	27.7
68301	68666	2067	2068	3.7	1.8	1.7	0.8	0.6	1.4	2.2	1.9	2.0	1.8	1.5	0.4	0.1	3.8	1.1	0.0	0.0	3.1	27.7
68666	69032	2068	2069	3.7	1.8	1.7	0.8	0.6	1.4	2.2	1.9	2.0	1.8	1.5	0.4	0.1	3.8	1.1	0.0	0.0	3.1	27.8
69032	69397	2069	2070	3.7	1.8	1.7	0.8	0.6	1.4	2.2	1.9	2.0	1.8	1.5	0.4	0.1	3.8	1.1	0.0	0.0	3.1	27.8
69397	69762	2070	2071	3.7	1.8	1.7	0.8	0.6	1.4	2.2	1.9	2.0	1.8	1.5	0.4	0.1	3.8	1.1	0.0	0.0	3.1	27.8
69762	70127	2071	2072	3.7	1.8	1.7	0.8	0.6	1.4	2.2	1.9	2.0	1.8	1.5	0.4	0.1	3.9	1.1	0.0	0.0	3.1	27.9
70127	70493	2072	2073	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	3.9	1.1	0.0	0.0	3.1	27.9
70493	70858	2073	2074	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	3.9	1.2	0.0	0.0	3.1	27.9
70858	71223	2074	2075	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	3.9	1.2	0.0	0.0	3.1	28.0
71223	71588	2075	2076	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	3.9	1.2	0.0	0.0	3.1	28.0
71588	71954	2076	2077	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	3.9	1.2	0.0	0.0	3.1	28.0
71954	72319	2077	2078	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	3.9	1.2	0.0	0.0	3.1	28.1
72319	72684	2078	2079	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	3.9	1.2	0.0	0.0	3.2	28.1
72684	73049	2079	2080	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	3.9	1.2	0.0	0.0	3.2	28.1
73049	73415	2080	2081	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	3.9	1.2	0.0	0.0	3.2	28.1
73415	73780	2081	2082	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	3.9	1.2	0.0	0.0	3.2	28.2
73780	74145	2082	2083	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	3.9	1.2	0.0	0.0	3.2	28.2
74145	74510	2083	2084	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	3.9	1.2	0.0	0.0	3.2	28.2
74510	74876	2084	2085	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.0	1.2	0.0	0.0	3.2	28.2
74876	75241	2085	2086	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.0	1.2	0.0	0.0	3.2	28.2
75241	75606	2086	2087	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.0	1.2	0.0	0.0	3.2	28.3
75606	75971	2087	2088	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.0	1.2	0.0	0.0	3.2	28.3
75971	76337	2088	2089	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.0	1.2	0.0	0.0	3.2	28.3
76337	76702	2089	2090	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.0	1.2	0.0	0.0	3.2	28.3
76702	77067	2090	2091	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.0	1.2	0.0	0.0	3.2	28.3
77067	77432	2091	2092	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.0	1.2	0.0	0.0	3.2	28.4
77432	77798	2092	2093	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.0	1.2	0.0	0.0	3.2	28.4
77798	78163	2093	2094	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.0	1.2	0.0	0.0	3.2	28.4
78163	78528	2094	2095	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.0	1.2	0.0	0.0	3.2	28.4
78528	78893	2095	2096	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.0	1.2	0.0	0.0	3.2	28.4
78893	79259	2096	2097	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.0	1.2	0.0	0.0	3.2	28.4
79259	79624	2097	2098	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.0	1.2	0.0	0.0	3.2	28.5
79624	79989	2098	2099	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.0	1.2	0.0	0.0	3.2	28.5
79989	80354	2099	2100	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.0	1.2	0.0	0.0	3.2	28.5
80354	80719	2100	2101	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.0	1.2	0.0	0.0	3.3	28.5
80719	81084	2101	2102	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.0	1.2	0.0	0.0	3.3	28.5
81084	81449	2102	2103	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.0	1.2	0.0	0.0	3.3	28.5
81449	81814	2103	2104	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.1	1.2	0.0	0.0	3.3	28.6
81814	82180	2104	2105	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.1	1.2	0.0	0.0	3.3	28.6
82180	82545	2105	2106	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.1	1.2	0.0	0.0	3.3	28.6
82545	82910	2106	2107	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.1	1.2	0.0	0.0	3.3	28.6
82910	83275	2107	2108	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.5	0.4	0.1	4.1	1.2	0.0	0.0	3.3	28.6
83275	83641	2108	2109	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.6	0.4	0.1	4.1	1.2	0.0	0.0	3.3	28.6
83641	84006	2109	2110	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.6	0.4	0.1	4.1	1.2	0.0	0.0	3.3	28.6
84006	84371	2110	2111	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.6	0.4	0.1	4.1	1.2	0.0	0.0	3.3	28.6
84371	84736	2111	2112	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.6	0.4	0.1	4.1	1.2	0.0	0.0	3.3	28.7
84736	85102	2112	2113	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.6	0.4	0.1	4.1	1.2	0.0	0.0	3.3	28.7
85102	85467	2113	2114	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.6	0.4	0.1	4.1	1.2	0.0	0.0	3.3	28.7

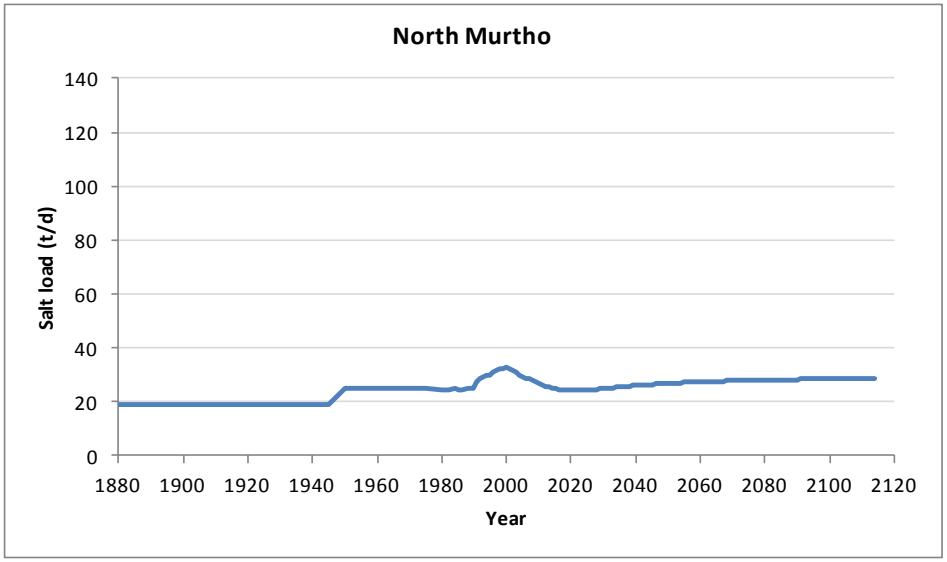
B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S3C model)



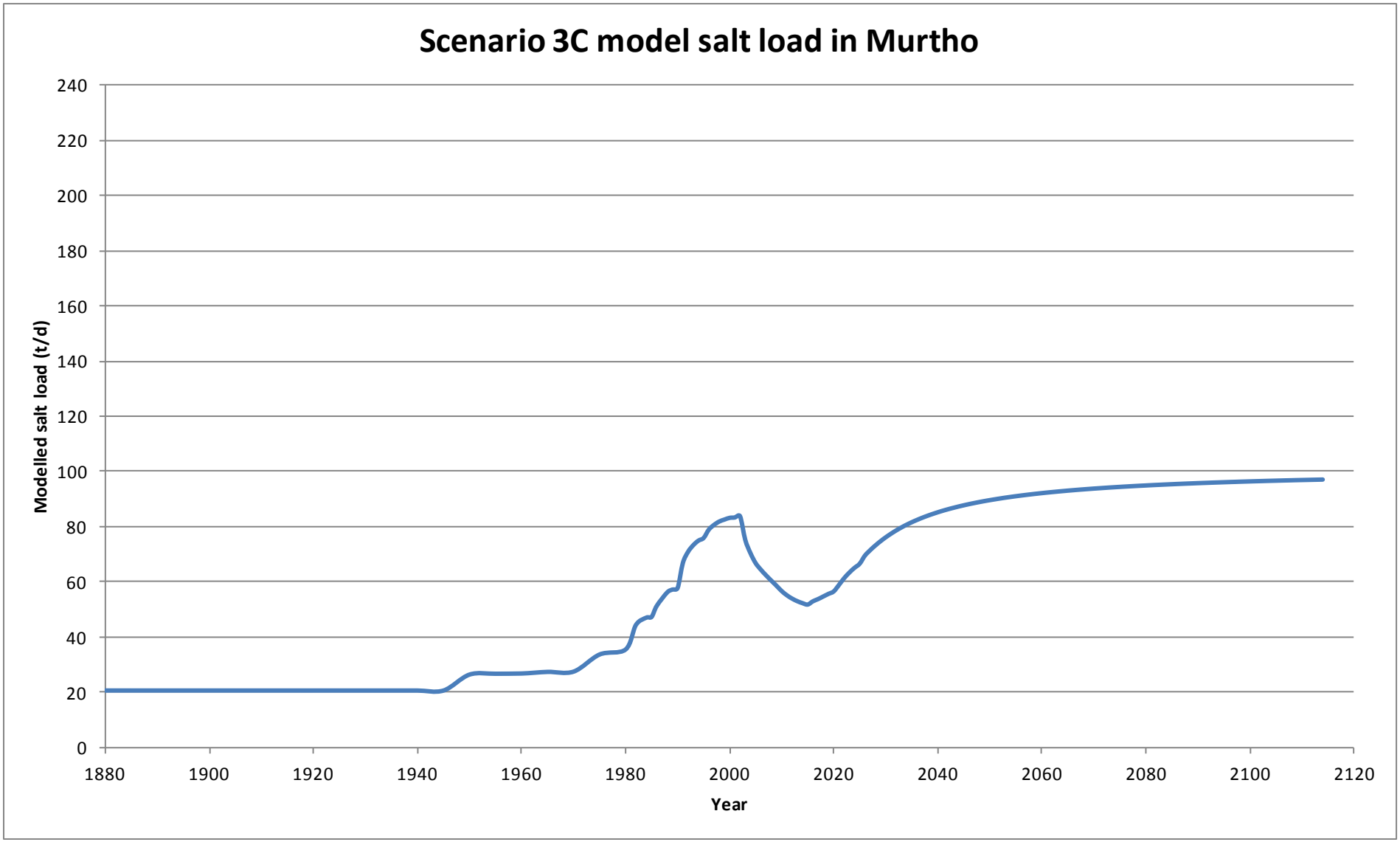
B-3. Graph of modelled groundwater flux (m³/d) entering the River Murray in Murtho (S3C model)







B-3. Graph of modelled salt load (t/d) entering the River Murray in Murtho (S3C model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Murtho (S3C model)

Scenario 4

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
0	1	1880	1880	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
1	1827	1880	1885	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
1827	3653	1885	1890	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
3653	5479	1890	1895	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
5479	7305	1895	1900	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
7305	9131	1900	1905	27	16	14	5	4	0	1	6	19	2	12	13	30	31	12	0	0	192
9131	10957	1905	1910	27	16	14	6	4	1	2	10	24	2	13	15	32	33	13	0	0	212
10957	12783	1910	1915	27	16	14	7	4	1	3	12	25	2	14	15	33	33	13	0	0	218
12783	14609	1915	1920	27	16	15	7	5	1	3	12	25	2	14	15	33	33	13	0	0	221
14609	16436	1920	1925	27	16	15	7	5	1	4	13	25	2	14	15	33	33	13	0	0	223
16436	18262	1925	1930	27	16	15	7	5	1	4	13	25	2	14	15	33	33	13	0	0	224
18262	20088	1930	1935	27	16	15	8	5	1	4	13	25	2	14	15	33	33	13	0	0	224
20088	21914	1935	1940	30	43	244	157	20	8	13	14	26	2	14	15	33	33	13	0	16	682
21914	23741	1940	1945	31	50	263	173	24	10	18	15	26	2	14	15	34	33	13	0	20	741
23741	25567	1945	1950	32	54	281	271	63	47	109	46	28	2	15	16	34	33	13	0	23	1068
25567	27393	1950	1955	32	54	267	265	64	48	115	55	29	3	15	16	35	34	14	0	22	1068
27393	29219	1955	1960	115	75	269	267	70	59	229	245	86	3	20	26	46	33	13	0	61	1615
29219	31046	1960	1965	136	117	309	266	68	57	219	238	85	3	21	26	47	33	14	0	99	1737
31046	32872	1965	1970	144	126	316	259	65	53	190	195	71	3	19	23	41	30	12	0	106	1654
32872	34698	1970	1975	143	128	315	251	62	50	170	169	63	3	19	22	39	29	12	0	106	1580
34698	36524	1975	1980	146	130	317	259	65	52	195	248	72	3	19	23	38	26	11	0	107	1710
36524	37255	1980	1982	148	136	324	261	66	53	199	253	72	3	19	23	38	26	10	0	113	1744
37255	37985	1982	1984	153	148	337	262	66	54	200	251	72	3	19	23	37	24	10	0	123	1782
37985	38351	1984	1985	155	153	341	262	66	54	199	247	71	3	19	22	36	24	9	0	128	1790
38351	38716	1985	1986	158	157	346	263	67	54	198	245	70	3	19	22	36	23	9	0	131	1801
38716	39446	1986	1988	161	164	351	264	68	55	209	268	77	3	20	23	37	22	9	0	137	1868
39446	39812	1988	1989	163	168	352	265	69	56	217	285	81	3	20	24	37	22	9	0	140	1912
39812	40177	1989	1990	165	171	353	265	69	57	223	296	84	3	21	24	38	21	9	0	142	1943
40177	40542	1990	1991	172	173	352	266	70	58	229	331	94	3	21	25	38	20	8	0	147	2008
40542	40907	1991	1992	173	174	352	267	71	58	224	325	94	3	22	26	39	20	8	0	148	2004
40907	41273	1992	1993	173	176	353	267	71	58	219	315	91	3	22	26	38	20	8	0	149	1987
41273	41638	1993	1994	171	177	353	266	70	57	213	303	88	3	21	25	37	20	8	0	149	1965
41638	42003	1994	1995	170	177	351	265	70	57	208	293	86	3	21	25	37	20	8	0	148	1939
42003	42368	1995	1996	168	177	348	264	70	57	204	284	83	3	21	24	36	19	8	0	147	1915
42368	42734	1996	1997	167	177	345	262	70	56	199	273	81	3	21	24	36	19	8	0	146	1886
42734	43099	1997	1998	164	177	342	259	69	55	193	258	77	3	21	23	35	19	8	0	145	1849
43099	43464	1998	1999	160	176	338	257	69	55	185	243	73	3	20	23	34	19	8	0	143	1805
43464	43829	1999	2000	156	176	334	254	68	54	177	225	68	3	20	22	33	19	8	0	141	1756
43829	44195	2000	2001	150	175	329	250	67	52	167	200	60	3	19	21	31	18	7	0	137	1687
44195	44560	2001	2002	145	173	323	244	65	51	160	187	56	3	19	20	30	17	7	0	134	1635
44560	44925	2002	2003	142	171	317	239	64	49	154	183	55	3	18	19	28	16	7	0	132	1598
44925	45290	2003	2004	140	169	310	234	62	48	149	177	53	3	18	19	27	16	6	0	129	1559
45290	45656	2004	2005	137	167	303	229	61	47	145	171	51	3	18	18	26	15	6	0	126	1523
45656	46021	2005	2006	134	164	295	224	60	46	141	166	49	3	18	18	26	14	6	0	124	1487
46021	46386	2006	2007	132	161	288	219	59	45	138	162	48	3	17	18	24	13	5	0	121	1453
46386	46751	2007	2008	130	158	279	214	58	44	135	159	47	3	17	17	24	12	5	0	118	1421
46751	47117	2008	2009	128	156	271	209	57	43	133	157	46	3	17	17	23	11	4	0	115	1390
47117	47482	2009	2010	127	153	263	205	56	42	131	155	45	3	17	17	22	11	4	0	112	1363
47482	47847	2010	2011	125	149	254	200	56	42	130	154	45	3	17	17	22	11	4	0	110	1338
47847	48212	2011	2012	124	147	246	196	55	41	129	153	44	3	17	17	22	11	4	0	107	1316
48212	48578	2012	2013	122	144	239	192	55	41	128	152	44	3	17	16	22	11	4	0	105	1295
48578	48943	2013	2014	121	142	231	188	54	41	128	152	44	3	17	16	22	11	4	0	103	1275

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
0	1	1880	1880	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
1	1827	1880	1885	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
1827	3653	1885	1890	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
3653	5479	1890	1895	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
5479	7305	1895	1900	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
7305	9131	1900	1905	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.7
9131	10957	1905	1910	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.8
10957	12783	1910	1915	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
12783	14609	1915	1920	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
14609	16436	1920	1925	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
16436	18262	1925	1930	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
18262	20088	1930	1935	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
20088	21914	1935	1940	0.5	0.7	3.8	0.9	0.1	0.0	0.1	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	7.2
21914	23741	1940	1945	0.5	0.8	4.1	1.0	0.1	0.1	0.1	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	7.9
23741	25567	1945	1950	0.5	0.9	4.4	1.6	0.4	0.3	0.7	0.3	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	10.0
25567	27393	1950	1955	0.5	0.9	4.2	1.6	0.4	0.3	0.7	0.3	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	9.9
27393	29219	1955	1960	1.8	1.3	4.2	1.6	0.4	0.4	1.4	1.5	0.5	0.0	0.1	0.2	0.3	0.2	0.1	0.0	0.4	14.2
29219	31046	1960	1965	2.1	2.0	4.9	1.6	0.4	0.3	1.3	1.4	0.5	0.0	0.1	0.2	0.3	0.2	0.1	0.0	0.6	16.1
31046	32872	1965	1970	2.3	2.2	5.0	1.6	0.4	0.3	1.1	1.2	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	15.8
32872	34698	1970	1975	2.2	2.2	4.9	1.5	0.4	0.3	1.0	1.0	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	15.4
34698	36524	1975	1980	2.3	2.2	5.0	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	16.2
36524	37255	1980	1982	2.3	2.3	5.1	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	16.6
37255	37985	1982	1984	2.4	2.5	5.3	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.1
37985	38351	1984	1985	2.4	2.6	5.4	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.3
38351	38716	1985	1986	2.5	2.7	5.4	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.5
38716	39446	1986	1988	2.5	2.8	5.5	1.6	0.4	0.3	1.3	1.6	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.0
39446	39812	1988	1989	2.6	2.9	5.5	1.6	0.4	0.3	1.3	1.7	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.4
39812	40177	1989	1990	2.6	2.9	5.5	1.6	0.4	0.3	1.3	1.8	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.6
40177	40542	1990	1991	2.7	2.9	5.5	1.6	0.4	0.3	1.4	2.0	0.6	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.9	19.1
40542	40907	1991	1992	2.7	3.0	5.5	1.6	0.4	0.3	1.3	1.9	0.6	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.9	19.1
40907	41273	1992	1993	2.7	3.0	5.5	1.6	0.4	0.3	1.3	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.9	19.0
41273	41638	1993	1994	2.7	3.0	5.5	1.6	0.4	0.3	1.3	1.8	0.5	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.9	18.9
41638	42003	1994	1995	2.7	3.0	5.5	1.6	0.4	0.3	1.2	1.8	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.7
42003	42368	1995	1996	2.6	3.0	5.5	1.6	0.4	0.3	1.2	1.7	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.5
42368	42734	1996	1997	2.6	3.0	5.4	1.6	0.4	0.3	1.2	1.6	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.3
42734	43099	1997	1998	2.6	3.0	5.4	1.6	0.4	0.3	1.2	1.6	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.0
43099	43464	1998	1999	2.5	3.0	5.3	1.5	0.4	0.3	1.1	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	17.7
43464	43829	1999	2000	2.4	3.0	5.2	1.5	0.4	0.3	1.1	1.3	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	17.3
43829	44195	2000	2001	2.4	3.0	5.2	1.5	0.4	0.3	1.0	1.2	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	16.7
44195	44560	2001	2002	2.3	2.9	5.1	1.5	0.4	0.3	1.0	1.1	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	16.3
44560	44925	2002	2003	2.2	2.9	5.0	1.4	0.4	0.3	0.9	1.1	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	16.0
44925	45290	2003	2004	2.2	2.9	4.9	1.4	0.4	0.3	0.9	1.1	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	15.6
45290	45656	2004	2005	2.1	2.8	4.8	1.4	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	15.3
45656	46021	2005	2006	2.1	2.8	4.6	1.3	0.4	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	14.9
46021	46386	2006	2007	2.1	2.7	4.5	1.3	0.4	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.6
46386	46751	2007	2008	2.0	2.7	4.4	1.3	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.3
46751	47117	2008	2009	2.0	2.6	4.3	1.3	0.3	0.3	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.0
47117	47482	2009	2010	2.0	2.6	4.1	1.2	0.3	0.3	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.7
47482	47847	2010	2011	2.0	2.5	4.0	1.2	0.3	0.3	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.4
47847	48212	2011	2012	1.9	2.5	3.9	1.2	0.3	0.2	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.1
48212	48578	2012	2013	1.9	2.5	3.7	1.2	0.3	0.2	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	12.9
48578	48943	2013	2014	1.9	2.4	3.6	1.1	0.3	0.2	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.7

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S4 model)

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
48943	49308	2014	2015	121	140	227	185	54	40	127	151	44	3	17	16	21	11	4	0	101	1262
49308	49673	2015	2016	120	138	224	184	54	40	127	151	44	3	17	16	21	11	4	0	100	1253
49673	50039	2016	2017	131	146	252	196	55	42	139	161	45	3	17	17	22	11	4	0	111	1351
50039	50404	2017	2018	133	148	254	197	56	43	141	163	46	3	17	17	22	11	4	0	113	1368
50404	50769	2018	2019	134	149	254	197	56	43	141	163	46	3	17	17	22	11	4	0	113	1371
50769	51134	2019	2020	134	148	254	196	56	43	141	163	46	3	17	17	22	11	4	0	113	1370
51134	51500	2020	2021	135	148	253	196	56	43	141	163	46	3	17	17	22	11	4	0	114	1371
51500	51865	2021	2022	138	149	254	196	56	43	141	163	46	3	17	17	22	11	4	0	115	1376
51865	52230	2022	2023	140	151	255	197	56	43	141	163	46	3	17	17	22	11	4	0	117	1384
52230	52595	2023	2024	143	153	256	197	56	43	141	163	46	3	17	17	22	11	4	0	119	1393
52595	52961	2024	2025	146	155	258	198	56	43	141	164	46	3	17	17	23	11	4	0	121	1401
52961	53326	2025	2026	148	156	259	198	56	43	141	164	46	3	17	17	23	11	4	0	123	1409
53326	53691	2026	2027	150	158	261	199	56	43	141	164	46	3	17	17	23	11	4	0	125	1417
53691	54056	2027	2028	152	160	262	199	56	43	141	164	46	3	17	17	23	11	4	0	127	1425
54056	54422	2028	2029	153	161	264	200	57	43	142	164	46	3	17	17	23	11	4	0	128	1432
54422	54787	2029	2030	155	163	265	200	57	44	142	164	46	3	17	17	23	11	4	0	130	1439
54787	55152	2030	2031	156	164	267	201	57	44	142	164	46	3	17	17	23	11	4	0	131	1445
55152	55517	2031	2032	157	165	268	201	57	44	142	164	46	3	17	17	23	11	4	0	132	1451
55517	55883	2032	2033	159	167	269	202	57	44	142	164	46	3	17	17	23	11	4	0	134	1457
55883	56248	2033	2034	160	168	270	202	57	44	142	164	46	3	17	17	23	11	4	0	135	1463
56248	56613	2034	2035	162	169	271	202	57	44	142	164	46	3	17	17	23	11	4	0	136	1469
56613	56978	2035	2036	163	170	272	203	57	44	142	164	46	3	17	17	23	11	4	0	137	1474
56978	57344	2036	2037	165	171	273	203	57	44	142	164	46	3	17	17	23	11	4	0	138	1480
57344	57709	2037	2038	166	172	274	203	58	44	142	164	46	3	17	17	23	11	4	0	139	1484
57709	58074	2038	2039	167	173	275	204	58	44	143	164	46	3	17	17	23	11	4	0	140	1489
58074	58439	2039	2040	168	173	275	204	58	44	143	165	46	3	17	17	23	11	4	0	141	1493
58439	58805	2040	2041	169	174	276	204	58	44	143	165	46	3	17	17	23	11	4	0	142	1496
58805	59170	2041	2042	170	175	277	205	58	44	143	165	46	3	17	17	23	11	4	0	142	1500
59170	59535	2042	2043	171	175	277	205	58	44	143	165	46	3	17	17	23	11	4	0	143	1504
59535	59900	2043	2044	172	176	278	205	58	44	143	165	46	3	17	17	23	11	4	0	144	1507
59900	60266	2044	2045	173	177	278	205	58	44	143	165	46	3	17	17	23	11	4	0	144	1510
60266	60631	2045	2046	174	177	279	205	58	44	143	165	46	3	17	17	23	11	4	0	145	1512
60631	60996	2046	2047	175	178	279	206	58	44	143	165	46	3	17	17	23	11	4	0	145	1515
60996	61361	2047	2048	175	178	280	206	58	45	143	165	46	3	17	17	23	11	4	0	146	1517
61361	61727	2048	2049	176	178	280	206	58	45	143	165	46	3	17	17	23	11	4	0	146	1519
61727	62092	2049	2050	176	179	280	206	58	45	143	165	46	3	17	17	23	11	4	0	147	1521
62092	62457	2050	2051	177	179	281	206	58	45	143	165	47	3	17	17	23	11	4	0	147	1523
62457	62822	2051	2052	177	179	281	206	58	45	143	165	47	3	17	17	23	11	4	0	147	1525
62822	63188	2052	2053	178	180	281	206	58	45	143	165	47	3	17	17	23	11	4	0	148	1526
63188	63553	2053	2054	178	180	282	206	58	45	143	165	47	3	17	17	23	11	4	0	148	1528
63553	63918	2054	2055	178	180	282	207	58	45	143	165	47	3	17	17	23	11	4	0	148	1529
63918	64283	2055	2056	179	181	282	207	58	45	143	165	47	3	17	17	23	11	4	0	149	1530
64283	64649	2056	2057	179	181	282	207	59	45	143	165	47	3	17	17	23	11	4	0	149	1532
64649	65014	2057	2058	179	181	282	207	59	45	143	165	47	3	17	17	23	11	4	0	149	1533
65014	65379	2058	2059	180	181	283	207	59	45	143	165	47	3	17	17	23	11	4	0	149	1534
65379	65744	2059	2060	180	181	283	207	59	45	144	165	47	3	17	17	23	11	4	0	149	1535
65744	66110	2060	2061	180	182	283	207	59	45	144	165	47	3	17	17	23	11	4	0	150	1536
66110	66475	2061	2062	180	182	283	207	59	45	144	165	47	3	17	17	23	11	4	0	150	1537
66475	66840	2062	2063	181	182	283	207	59	45	144	165	47	3	17	17	23	11	4	0	150	1538
66840	67205	2063	2064	181	182	283	207	59	45	144	165	47	3	17	17	23	11	4	0	150	1538
67205	67571	2064	2065	181	182	283	207	59	45	144	165	47	3	17	17	23	11	4	0	150	1539

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
48943	49308	2014	2015	1.9	2.4	3.6	1.1	0.3	0.2	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.5
49308	49673	2015	2016	1.9	2.4	3.5	1.1	0.3	0.2	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.4
49673	50039	2016	2017	2.0	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.5
50039	50404	2017	2018	2.1	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.6
50404	50769	2018	2019	2.1	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.7
50769	51134	2019	2020	2.1	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.7
51134	51500	2020	2021	2.1	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.7
51500	51865	2021	2022	2.2	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.7
51865	52230	2022	2023	2.2	2.6	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.8
52230	52595	2023	2024	2.2	2.6	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.0
52595	52961	2024	2025	2.3	2.6	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.1
52961	53326	2025	2026	2.3	2.7	4.1	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.2
53326	53691	2026	2027	2.4	2.7	4.1	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
53691	54056	2027	2028	2.4	2.7	4.1	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
54056	54422	2028	2029	2.4	2.7	4.1	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
54422	54787	2029	2030	2.4	2.8	4.2	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
54787	55152	2030	2031	2.5	2.8	4.2	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.6
55152	55517	2031	2032	2.5	2.8	4.2	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.7
55517	55883	2032	2033	2.5	2.8	4.2	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.8
55883	56248	2033	2034	2.5	2.9	4.2	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.8
56248	56613	2034	2035	2.5	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	14.9
56613	56978	2035	2036	2.6	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.0
56978	57344	2036	2037	2.6	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.0
57344	57709	2037	2038	2.6	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.1
57709	58074	2038	2039	2.6	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.2
58074	58439	2039	2040	2.6	3.0	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.2
58439	58805	2040	2041	2.7	3.0	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.3
58805	59170	2041	2042	2.7	3.0	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.3
59170	59535	2042	2043	2.7	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.3
59535	59900	2043	2044	2.7	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.4
59900	60266	2044	2045	2.7	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.4
60266	60631	2045	2046	2.7	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.5
60631	60996	2046	2047	2.7	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.5
60996	61361	2047	2048	2.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.5
61361	61727	2048	2049	2.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.5
61727	62092	2049	2050	2.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.6
62092	62457	2050	2051	2.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.6
62457	62822	2051	2052	2.8	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.6
62822	63188	2052	2053	2.8	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.6
63188	63553	2053	2054	2.8	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.7
63553	63918	2054	2055	2.8	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.7
63918	64283	2055	2056	2.8	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.7
64283	64649	2056	2057	2.8	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.7
64649	65014	2057	2058	2.8	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.7
65014	65379	2058	2059	2.8	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.7
65379	65744	2059	2060	2.8	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.7
65744	66110	2060	2061	2.8	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.8
66110	66475	2061	2062	2.8	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.8
66475	66840	2062	2063	2.8	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.8
66840	67205	2063	2064	2.8	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.8
67205	67571	2064	2065	2.8	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.8

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S4 model)

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
67571	67936	2065	2066	181	182	284	207	59	45	144	165	47	3	17	17	23	11	4	0	150	1540
67936	68301	2066	2067	181	182	284	207	59	45	144	165	47	3	17	17	23	11	4	0	150	1540
68301	68666	2067	2068	182	183	284	207	59	45	144	165	47	3	17	17	23	11	4	0	151	1541
68666	69032	2068	2069	182	183	284	207	59	45	144	165	47	3	17	17	23	11	4	0	151	1542
69032	69397	2069	2070	182	183	284	207	59	45	144	165	47	3	17	17	23	11	4	0	151	1542
69397	69762	2070	2071	182	183	284	207	59	45	144	165	47	3	17	17	23	11	4	0	151	1543
69762	70127	2071	2072	182	183	284	207	59	45	144	165	47	3	17	17	23	11	4	0	151	1543
70127	70493	2072	2073	182	183	284	207	59	45	144	165	47	3	17	17	23	11	4	0	151	1544
70493	70858	2073	2074	182	183	284	208	59	45	144	165	47	3	17	17	23	11	4	0	151	1544
70858	71223	2074	2075	182	183	284	208	59	45	144	165	47	3	17	17	23	11	4	0	151	1545
71223	71588	2075	2076	183	183	285	208	59	45	144	165	47	3	17	17	23	11	4	0	151	1545
71588	71954	2076	2077	183	183	285	208	59	45	144	165	47	3	17	17	23	11	4	0	151	1545
71954	72319	2077	2078	183	183	285	208	59	45	144	165	47	3	17	17	23	11	4	0	152	1546
72319	72684	2078	2079	183	183	285	208	59	45	144	165	47	3	17	17	23	11	4	0	152	1546
72684	73049	2079	2080	183	184	285	208	59	45	144	165	47	3	17	17	23	11	4	0	152	1547
73049	73415	2080	2081	183	184	285	208	59	45	144	165	47	3	17	17	23	11	4	0	152	1547
73415	73780	2081	2082	183	184	285	208	59	45	144	165	47	3	17	17	23	11	4	0	152	1547
73780	74145	2082	2083	183	184	285	208	59	45	144	165	47	3	17	17	23	11	4	0	152	1547
74145	74510	2083	2084	183	184	285	208	59	45	144	165	47	3	17	17	23	11	4	0	152	1548
74510	74876	2084	2085	183	184	285	208	59	45	144	165	47	3	17	17	23	11	4	0	152	1548
74876	75241	2085	2086	183	184	285	208	59	45	144	165	47	3	17	17	23	11	4	0	152	1548
75241	75606	2086	2087	184	184	285	208	59	45	144	165	47	3	17	17	23	11	4	0	152	1549
75606	75971	2087	2088	184	184	285	208	59	45	144	165	47	3	17	17	23	11	4	0	152	1549
75971	76337	2088	2089	184	184	285	208	59	45	144	165	47	3	17	17	23	11	4	0	152	1549
76337	76702	2089	2090	184	184	285	208	59	45	144	165	47	3	17	17	23	11	4	0	152	1549
76702	77067	2090	2091	184	184	285	208	59	45	144	165	47	3	17	17	23	11	4	0	152	1549
77067	77432	2091	2092	184	184	285	208	59	45	144	165	47	3	17	17	23	11	4	0	152	1550
77432	77798	2092	2093	184	184	285	208	59	45	144	165	47	3	17	17	23	11	4	0	152	1550
77798	78163	2093	2094	184	184	285	208	59	45	144	165	47	3	17	17	23	11	4	0	152	1550
78163	78528	2094	2095	184	184	285	208	59	45	144	165	47	3	17	17	23	11	4	0	152	1550
78528	78893	2095	2096	184	184	285	208	59	45	144	165	47	3	18	17	23	11	4	0	152	1550
78893	79259	2096	2097	184	184	285	208	59	45	144	165	47	3	18	17	23	11	4	0	152	1550
79259	79624	2097	2098	184	184	285	208	59	45	144	165	47	3	18	17	23	11	4	0	152	1551
79624	79989	2098	2099	184	184	285	208	59	45	144	165	47	3	18	17	23	11	4	0	152	1551
79989	80354	2099	2100	184	184	285	208	59	45	144	165	47	3	18	17	23	11	4	0	152	1551
80354	80719	2100	2101	184	184	285	208	59	45	144	165	47	3	18	17	23	11	4	0	152	1551
80719	81084	2101	2102	184	184	285	208	59	45	144	165	47	3	18	17	23	11	4	0	152	1551
81084	81449	2102	2103	184	184	285	208	59	45	144	165	47	3	18	17	23	11	4	0	153	1551
81449	81814	2103	2104	184	184	285	208	59	45	144	165	47	3	18	17	23	11	4	0	153	1552
81814	82180	2104	2105	184	184	285	208	59	45	144	165	47	3	18	17	23	11	4	0	153	1552
82180	82545	2105	2106	184	184	285	208	59	45	144	166	47	3	18	18	23	11	4	0	153	1552
82545	82910	2106	2107	184	184	286	208	59	45	144	166	47	3	18	18	23	11	4	0	153	1552
82910	83275	2107	2108	184	184	286	208	59	45	144	166	47	3	18	18	23	11	4	0	153	1552
83275	83641	2108	2109	185	184	286	208	59	45	144	166	47	3	18	18	23	11	4	0	153	1552
83641	84006	2109	2110	185	185	286	208	59	45	144	166	47	3	18	18	23	11	4	0	153	1552
84006	84371	2110	2111	185	185	286	208	59	45	144	166	47	3	18	18	23	11	4	0	153	1552
84371	84736	2111	2112	185	185	286	208	59	45	144	166	47	3	18	18	23	11	4	0	153	1552
84736	85102	2112	2113	185	185	286	208	59	45	144	166	47	3	18	18	23	11	4	0	153	1553
85102	85467	2113	2114	185	185	286	208	59	45	144	166	47	3	18	18	23	11	4	0	153	1553

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
67571	67936	2065	2066	2.8	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.8
67936	68301	2066	2067	2.8	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.8
68301	68666	2067	2068	2.8	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.8
68666	69032	2068	2069	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.8
69032	69397	2069	2070	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.8
69397	69762	2070	2071	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.8
69762	70127	2071	2072	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.8
70127	70493	2072	2073	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.8
70493	70858	2073	2074	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
70858	71223	2074	2075	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
71223	71588	2075	2076	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
71588	71954	2076	2077	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
71954	72319	2077	2078	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
72319	72684	2078	2079	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
72684	73049	2079	2080	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
73049	73415	2080	2081	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
73415	73780	2081	2082	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
73780	74145	2082	2083	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
74145	74510	2083	2084	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
74510	74876	2084	2085	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
74876	75241	2085	2086	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
75241	75606	2086	2087	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
75606	75971	2087	2088	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
75971	76337	2088	2089	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
76337	76702	2089	2090	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
76702	77067	2090	2091	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
77067	77432	2091	2092	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
77432	77798	2092	2093	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
77798	78163	2093	2094	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
78163	78528	2094	2095	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
78528	78893	2095	2096	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
78893	79259	2096	2097	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
79259	79624	2097	2098	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
79624	79989	2098	2099	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
79989	80354	2099	2100	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
80354	80719	2100	2101	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
80719	81084	2101	2102	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
81084	81449	2102	2103	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
81449	81814	2103	2104	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
81814	82180	2104	2105	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
82180	82545	2105	2106	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
82545	82910	2106	2107	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
82910	83275	2107	2108	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
83275	83641	2108	2109	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.0
83641	84006	2109	2110	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.0
84006	84371	2110	2111	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.0
84371	84736	2111	2112	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.0
84736	85102	2112	2113	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.0
85102	85467	2113	2114	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.0

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S4 model)

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Flux
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)														
0	1	1880	1880	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
1	1827	1880	1885	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
1827	3653	1885	1890	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
3653	5479	1890	1895	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
5479	7305	1895	1900	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
7305	9131	1900	1905	4	37	50	65	45	25	7	4	10	2	33	13	33	159	487
9131	10957	1905	1910	4	37	50	65	45	25	7	4	10	2	33	13	33	159	488
10957	12783	1910	1915	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
12783	14609	1915	1920	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
14609	16436	1920	1925	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
16436	18262	1925	1930	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
18262	20088	1930	1935	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
20088	21914	1935	1940	4	37	50	65	45	25	7	4	10	2	33	13	34	160	490
21914	23741	1940	1945	4	37	50	65	45	25	7	4	11	2	33	14	34	160	492
23741	25567	1945	1950	4	37	50	65	45	26	7	4	11	2	33	14	35	161	495
25567	27393	1950	1955	4	37	50	65	45	26	7	4	11	2	33	14	35	161	497
27393	29219	1955	1960	4	37	50	65	46	26	7	4	12	3	35	16	49	180	534
29219	31046	1960	1965	4	39	51	65	48	28	7	4	13	3	40	17	54	222	596
31046	32872	1965	1970	4	42	52	66	55	41	7	5	14	8	74	25	87	722	1203
32872	34698	1970	1975	5	46	53	66	60	49	7	5	14	11	90	28	101	840	1374
34698	36524	1975	1980	5	48	53	66	62	52	7	5	15	12	95	29	106	892	1447
36524	37255	1980	1982	5	48	53	67	63	53	7	5	15	13	97	30	108	904	1467
37255	37985	1982	1984	5	49	53	67	64	53	7	5	15	13	98	31	110	917	1487
37985	38351	1984	1985	5	50	53	67	64	54	7	5	15	13	98	31	111	919	1492
38351	38716	1985	1986	5	50	53	67	64	54	7	5	15	13	99	31	111	922	1498
38716	39446	1986	1988	5	51	54	67	65	54	7	5	16	14	100	32	113	938	1519
39446	39812	1988	1989	5	51	54	67	65	55	7	5	16	14	100	32	114	944	1529
39812	40177	1989	1990	5	51	54	67	66	55	7	5	16	14	101	32	115	953	1541
40177	40542	1990	1991	5	53	54	67	72	95	7	5	17	35	149	34	120	964	1677
40542	40907	1991	1992	5	54	55	67	77	105	7	5	18	39	161	36	125	979	1732
40907	41273	1992	1993	5	56	55	67	79	108	8	5	18	40	165	37	127	983	1752
41273	41638	1993	1994	5	56	55	67	79	110	8	5	18	41	166	37	128	986	1762
41638	42003	1994	1995	5	57	55	68	80	110	8	5	19	41	167	37	129	978	1758
42003	42368	1995	1996	5	57	55	68	80	111	8	5	19	41	168	38	128	1000	1782
42368	42734	1996	1997	5	58	55	68	81	113	8	5	19	41	169	38	128	989	1777
42734	43099	1997	1998	5	58	55	68	82	113	8	5	19	42	169	38	127	971	1760
43099	43464	1998	1999	5	58	55	68	82	113	8	5	19	42	168	38	125	945	1732
43464	43829	1999	2000	5	59	55	68	82	113	8	5	19	41	166	37	123	923	1705
43829	44195	2000	2001	5	58	55	68	81	106	8	5	19	38	158	37	120	894	1651
44195	44560	2001	2002	5	58	55	68	80	104	8	5	19	37	154	36	116	865	1609
44560	44925	2002	2003	5	58	55	68	79	102	8	5	19	36	151	35	114	837	1572
44925	45290	2003	2004	5	58	55	68	79	101	8	5	18	36	148	35	111	814	1540
45290	45656	2004	2005	5	57	55	68	77	95	8	5	18	33	141	34	109	788	1494
45656	46021	2005	2006	5	57	55	68	76	93	8	5	18	32	138	34	106	766	1460
46021	46386	2006	2007	5	56	55	68	76	91	8	5	18	32	135	33	104	749	1435
46386	46751	2007	2008	5	56	55	68	75	90	8	5	18	31	134	33	102	736	1416
46751	47117	2008	2009	5	55	55	68	74	90	8	5	18	31	132	32	101	727	1401
47117	47482	2009	2010	5	55	55	68	74	89	8	5	18	31	131	32	100	720	1390
47482	47847	2010	2011	5	55	55	68	74	89	8	5	17	31	131	32	99	714	1381
47847	48212	2011	2012	5	55	54	68	74	88	8	5	17	30	130	32	99	710	1374
48212	48578	2012	2013	5	54	54	67	73	88	8	5	17	30	130	31	98	706	1368
48578	48943	2013	2014	5	54	54	67	73	88	8	5	17	30	129	31	97	703	1363

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Salt Load
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)														
0	1	1880	1880	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
1	1827	1880	1885	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
1827	3653	1885	1890	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
3653	5479	1890	1895	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
5479	7305	1895	1900	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
7305	9131	1900	1905	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
9131	10957	1905	1910	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
10957	12783	1910	1915	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
12783	14609	1915	1920	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
14609	16436	1920	1925	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
16436	18262	1925	1930	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
18262	20088	1930	1935	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
20088	21914	1935	1940	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.6	13.2
21914	23741	1940	1945	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.6	13.3
23741	25567	1945	1950	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.7	13.4
25567	27393	1950	1955	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.6	4.7	13.4
27393	29219	1955	1960	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	1.0	0.4	0.8	5.2	14.3
29219	31046	1960	1965	0.1	1.1	1.4	1.8	1.3	0.8	0.2	0.1	0.3	0.1	1.1	0.5	0.9	6.4	16.0
31046	32872	1965	1970	0.1	1.2	1.4	1.8	1.5	1.1	0.2	0.1	0.4	0.2	2.0	0.7	1.4	20.9	33.0
32872	34698	1970	1975	0.1	1.2	1.4	1.8	1.6	1.3	0.2	0.1	0.4	0.3	2.5	0.8	1.6	24.3	37.7
34698	36524	1975	1980	0.1	1.3	1.4	1.8	1.7	1.4	0.2	0.1	0.4	0.3	2.6	0.8	1.7	25.8	39.7
36524	37255	1980	1982	0.1	1.3	1.4	1.8	1.7	1.4	0.2	0.1	0.4	0.3	2.6	0.8	1.7	26.2	40.3
37255	37985	1982	1984	0.1	1.3	1.5	1.8	1.7	1.5	0.2	0.1	0.4	0.4	2.7	0.8	1.7	26.5	40.8
37985	38351	1984	1985	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.8	1.7	26.6	40.9
38351	38716	1985	1986	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.8	1.7	26.7	41.1
38716	39446	1986	1988	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.9	1.8	27.1	41.7
39446	39812	1988	1989	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.9	1.8	27.3	41.9
39812	40177	1989	1990	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.8	0.9	1.8	27.6	42.3
40177	40542	1990	1991	0.1	1.4	1.5	1.8	2.0	2.6	0.2	0.1	0.5	1.0	4.1	0.9	1.9	27.9	45.9
40542	40907	1991	1992	0.1	1.5	1.5	1.8	2.1	2.9	0.2	0.1	0.5	1.1	4.4	1.0	2.0	28.3	47.4
40907	41273	1992	1993	0.1	1.5	1.5	1.8	2.1	3.0	0.2	0.1	0.5	1.1	4.5	1.0	2.0	28.4	47.9
41273	41638	1993	1994	0.1	1.5	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.5	1.0	2.0	28.5	48.2
41638	42003	1994	1995	0.1	1.5	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.6	1.0	2.0	28.3	48.1
42003	42368	1995	1996	0.1	1.6	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.6	1.0	2.0	28.9	48.8
42368	42734	1996	1997	0.1	1.6	1.5	1.8	2.2	3.1	0.2	0.1	0.5	1.1	4.6	1.0	2.0	28.6	48.6
42734	43099	1997	1998	0.1	1.6	1.5	1.8	2.2	3.1	0.2	0.1	0.5	1.1	4.6	1.0	2.0	28.1	48.1
43099	43464	1998	1999	0.1	1.6	1.5	1.8	2.2	3.1	0.2	0.1	0.5	1.1	4.6	1.0	2.0	27.4	47.4
43464	43829	1999	2000	0.1	1.6	1.5	1.8	2.2	3.1	0.2	0.1	0.5	1.1	4.5	1.0	1.9	26.7	46.6
43829	44195	2000	2001	0.1	1.6	1.5	1.8	2.2	2.9	0.2	0.1	0.5	1.0	4.3	1.0	1.9	25.9	45.1
44195	44560	2001	2002	0.1	1.6	1.5	1.8	2.2	2.8	0.2	0.1	0.5	1.0	4.2	1.0	1.8	25.0	44.0
44560	44925	2002	2003	0.1	1.6	1.5	1.8	2.2	2.8	0.2	0.1	0.5	1.0	4.1	1.0	1.8	24.2	42.9
44925	45290	2003	2004	0.1	1.6	1.5	1.8	2.1	2.8	0.2	0.1	0.5	1.0	4.0	0.9	1.7	23.5	42.1
45290	45656	2004	2005	0.1	1.6	1.5	1.8	2.1	2.6	0.2	0.1	0.5	0.9	3.8	0.9	1.7	22.8	40.8
45656	46021	2005	2006	0.1	1.5	1.5	1.8	2.1	2.5	0.2	0.1	0.5	0.9	3.8	0.9	1.7	22.1	39.8
46021	46386	2006	2007	0.1	1.5	1.5	1.8	2.1	2.5	0.2	0.1	0.5	0.9	3.7	0.9	1.6	21.7	39.2
46386	46751	2007	2008	0.1	1.5	1.5	1.8	2.0	2.5	0.2	0.1	0.5	0.9	3.6	0.9	1.6	21.3	38.6
46751	47117	2008	2009	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.6	0.9	1.6	21.0	38.2
47117	47482	2009	2010	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.6	0.9	1.6	20.8	37.9
47482	47847	2010	2011	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.6	0.9	1.6	20.7	37.7
47847	48212	2011	2012	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.5	0.9	1.5	20.5	37.5
48212	48578	2012	2013	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.5	0.9	1.5	20.4	37.3
48578	48943	2013	2014	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.5	0.9	1.5	20.3	37.2

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S4 model)

				Simarloo															
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Flux
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)														
48943	49308	2014	2015	5	54	54	67	73	87	8	5	17	30	129	31	97	700	1359
49308	49673	2015	2016	5	54	54	67	73	87	8	5	17	30	129	31	97	706	1362
49673	50039	2016	2017	5	54	54	67	73	87	8	5	17	30	129	31	98	724	1382
50039	50404	2017	2018	5	54	54	67	73	88	8	5	17	30	130	31	99	739	1402
50404	50769	2018	2019	5	54	54	67	74	89	8	5	17	31	132	31	100	752	1418
50769	51134	2019	2020	5	54	54	67	74	89	8	5	17	31	133	32	101	762	1432
51134	51500	2020	2021	5	54	55	67	74	90	8	5	17	31	134	32	102	770	1444
51500	51865	2021	2022	5	55	55	68	74	90	8	5	17	31	134	32	103	777	1454
51865	52230	2022	2023	5	55	55	68	75	91	8	5	17	31	135	32	104	783	1463
52230	52595	2023	2024	5	55	55	68	75	91	8	5	17	32	136	32	105	788	1471
52595	52961	2024	2025	5	55	55	68	75	91	8	5	17	32	136	33	106	794	1479
52961	53326	2025	2026	5	56	55	68	75	92	8	5	17	32	137	33	107	798	1487
53326	53691	2026	2027	5	56	55	68	76	92	8	5	17	32	137	33	108	803	1494
53691	54056	2027	2028	5	56	55	68	76	92	8	5	18	32	138	33	108	807	1500
54056	54422	2028	2029	5	56	55	68	76	93	8	5	18	32	138	33	109	811	1507
54422	54787	2029	2030	5	56	55	68	76	93	8	5	18	32	138	34	110	815	1513
54787	55152	2030	2031	5	57	55	68	76	93	8	5	18	32	139	34	110	819	1518
55152	55517	2031	2032	5	57	55	68	77	93	8	5	18	32	139	34	111	823	1525
55517	55883	2032	2033	5	57	55	68	77	93	8	5	18	33	140	34	112	832	1536
55883	56248	2033	2034	5	57	55	68	77	94	8	5	18	33	140	34	113	847	1554
56248	56613	2034	2035	5	58	55	68	77	94	8	5	18	33	141	35	114	861	1572
56613	56978	2035	2036	5	58	55	68	78	95	8	5	18	33	142	35	116	874	1589
56978	57344	2036	2037	5	58	55	68	78	95	8	5	18	33	144	35	117	885	1605
57344	57709	2037	2038	5	58	55	68	78	96	8	5	18	33	145	35	119	894	1618
57709	58074	2038	2039	5	59	55	68	78	96	8	5	18	34	145	36	120	902	1630
58074	58439	2039	2040	5	59	55	68	79	97	8	5	19	34	146	36	121	910	1641
58439	58805	2040	2041	5	59	56	68	79	97	8	5	19	34	147	36	122	916	1650
58805	59170	2041	2042	5	59	56	68	79	97	8	5	19	34	148	36	123	938	1675
59170	59535	2042	2043	5	59	56	68	79	98	8	5	19	34	149	37	124	952	1693
59535	59900	2043	2044	5	60	56	68	80	98	8	5	19	35	150	37	125	962	1708
59900	60266	2044	2045	5	60	56	68	80	99	8	5	19	35	151	37	126	970	1720
60266	60631	2045	2046	5	60	56	68	80	99	8	5	19	35	152	37	127	977	1730
60631	60996	2046	2047	5	60	56	68	81	100	8	5	19	35	153	38	128	983	1739
60996	61361	2047	2048	5	60	56	68	81	100	8	5	19	35	153	38	129	988	1746
61361	61727	2048	2049	5	61	56	68	81	100	8	5	19	35	154	38	129	992	1752
61727	62092	2049	2050	5	61	56	68	81	101	8	5	19	35	154	38	130	996	1758
62092	62457	2050	2051	5	61	56	68	81	101	8	5	19	36	154	38	130	1000	1764
62457	62822	2051	2052	5	61	56	68	81	101	8	5	19	36	155	38	130	1004	1769
62822	63188	2052	2053	5	61	56	69	82	101	8	5	19	36	155	38	131	1007	1773
63188	63553	2053	2054	5	61	56	69	82	101	8	5	19	36	155	38	131	1010	1777
63553	63918	2054	2055	5	61	56	69	82	102	8	5	19	36	156	38	132	1012	1781
63918	64283	2055	2056	5	62	56	69	82	102	8	5	19	36	156	39	132	1015	1785
64283	64649	2056	2057	5	62	56	69	82	102	8	5	19	36	156	39	132	1017	1788
64649	65014	2057	2058	5	62	56	69	82	102	8	6	19	36	156	39	132	1020	1792
65014	65379	2058	2059	5	62	56	69	82	102	8	6	19	36	157	39	133	1022	1795
65379	65744	2059	2060	5	62	56	69	82	102	8	6	20	36	157	39	133	1024	1798
65744	66110	2060	2061	5	62	56	69	82	102	8	6	20	36	157	39	133	1026	1800
66110	66475	2061	2062	5	62	56	69	82	102	8	6	20	36	157	39	133	1027	1803
66475	66840	2062	2063	5	62	56	69	83	103	8	6	20	36	157	39	134	1029	1806
66840	67205	2063	2064	5	62	56	69	83	103	8	6	20	36	157	39	134	1031	1808
67205	67571	2064	2065	5	62	56	69	83	103	8	6	20	36	158	39	134	1032	1810

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Salt Load
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)														
48943	49308	2014	2015	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.5	0.8	1.5	20.3	37.1
49308	49673	2015	2016	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.5	0.8	1.5	20.4	37.2
49673	50039	2016	2017	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.5	0.8	1.5	20.9	37.8
50039	50404	2017	2018	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.6	0.8	1.6	21.4	38.3
50404	50769	2018	2019	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.6	0.9	1.6	21.8	38.8
50769	51134	2019	2020	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.6	0.9	1.6	22.0	39.1
51134	51500	2020	2021	0.1	1.5	1.5	1.8	2.0	2.5	0.2	0.1	0.5	0.8	3.6	0.9	1.6	22.3	39.5
51500	51865	2021	2022	0.1	1.5	1.5	1.8	2.0	2.5	0.2	0.1	0.5	0.9	3.7	0.9	1.6	22.5	39.7
51865	52230	2022	2023	0.1	1.5	1.5	1.8	2.0	2.5	0.2	0.1	0.5	0.9	3.7	0.9	1.6	22.6	40.0
52230	52595	2023	2024	0.1	1.5	1.5	1.8	2.0	2.5	0.2	0.1	0.5	0.9	3.7	0.9	1.6	22.8	40.2
52595	52961	2024	2025	0.1	1.5	1.5	1.8	2.1	2.5	0.2	0.1	0.5	0.9	3.7	0.9	1.7	23.0	40.4
52961	53326	2025	2026	0.1	1.5	1.5	1.8	2.1	2.5	0.2	0.1	0.5	0.9	3.7	0.9	1.7	23.1	40.6
53326	53691	2026	2027	0.1	1.5	1.5	1.8	2.1	2.5	0.2	0.1	0.5	0.9	3.7	0.9	1.7	23.2	40.8
53691	54056	2027	2028	0.1	1.5	1.5	1.8	2.1	2.5	0.2	0.1	0.5	0.9	3.8	0.9	1.7	23.3	41.0
54056	54422	2028	2029	0.1	1.5	1.5	1.8	2.1	2.5	0.2	0.1	0.5	0.9	3.8	0.9	1.7	23.5	41.2
54422	54787	2029	2030	0.1	1.5	1.5	1.8	2.1	2.5	0.2	0.1	0.5	0.9	3.8	0.9	1.7	23.6	41.3
54787	55152	2030	2031	0.1	1.5	1.5	1.8	2.1	2.5	0.2	0.1	0.5	0.9	3.8	0.9	1.7	23.7	41.5
55152	55517	2031	2032	0.1	1.6	1.5	1.9	2.1	2.5	0.2	0.1	0.5	0.9	3.8	0.9	1.7	23.8	41.7
55517	55883	2032	2033	0.1	1.6	1.5	1.9	2.1	2.5	0.2	0.1	0.5	0.9	3.8	0.9	1.8	24.1	42.0
55883	56248	2033	2034	0.1	1.6	1.5	1.9	2.1	2.6	0.2	0.1	0.5	0.9	3.8	0.9	1.8	24.5	42.5
56248	56613	2034	2035	0.1	1.6	1.5	1.9	2.1	2.6	0.2	0.1	0.5	0.9	3.9	0.9	1.8	24.9	43.0
56613	56978	2035	2036	0.1	1.6	1.5	1.9	2.1	2.6	0.2	0.1	0.5	0.9	3.9	1.0	1.8	25.3	43.5
56978	57344	2036	2037	0.1	1.6	1.5	1.9	2.1	2.6	0.2	0.1	0.5	0.9	3.9	1.0	1.8	25.6	43.9
57344	57709	2037	2038	0.1	1.6	1.5	1.9	2.1	2.6	0.2	0.1	0.5	0.9	3.9	1.0	1.9	25.9	44.2
57709	58074	2038	2039	0.1	1.6	1.5	1.9	2.1	2.6	0.2	0.1	0.5	0.9	4.0	1.0	1.9	26.1	44.6
58074	58439	2039	2040	0.1	1.6	1.5	1.9	2.1	2.6	0.2	0.1	0.5	0.9	4.0	1.0	1.9	26.3	44.9
58439	58805	2040	2041	0.1	1.6	1.5	1.9	2.2	2.6	0.2	0.1	0.5	0.9	4.0	1.0	1.9	26.5	45.1
58805	59170	2041	2042	0.1	1.6	1.5	1.9	2.2	2.7	0.2	0.1	0.5	0.9	4.0	1.0	1.9	27.1	45.8
59170	59535	2042	2043	0.1	1.6	1.5	1.9	2.2	2.7	0.2	0.1	0.5	0.9	4.1	1.0	1.9	27.5	46.3
59535	59900	2043	2044	0.1	1.6	1.5	1.9	2.2	2.7	0.2	0.1	0.5	0.9	4.1	1.0	2.0	27.8	46.7
59900	60266	2044	2045	0.1	1.6	1.5	1.9	2.2	2.7	0.2	0.1	0.5	1.0	4.1	1.0	2.0	28.1	47.1
60266	60631	2045	2046	0.1	1.6	1.5	1.9	2.2	2.7	0.2	0.1	0.5	1.0	4.1	1.0	2.0	28.3	47.3
60631	60996	2046	2047	0.1	1.6	1.5	1.9	2.2	2.7	0.2	0.1	0.5	1.0	4.2	1.0	2.0	28.4	47.6
60996	61361	2047	2048	0.1	1.6	1.5	1.9	2.2	2.7	0.2	0.1	0.5	1.0	4.2	1.0	2.0	28.6	47.8
61361	61727	2048	2049	0.1	1.7	1.5	1.9	2.2	2.7	0.2	0.1	0.5	1.0	4.2	1.0	2.0	28.7	47.9
61727	62092	2049	2050	0.1	1.7	1.5	1.9	2.2	2.7	0.2	0.1	0.5	1.0	4.2	1.0	2.0	28.8	48.1
62092	62457	2050	2051	0.1	1.7	1.5	1.9	2.2	2.8	0.2	0.1	0.5	1.0	4.2	1.0	2.0	28.9	48.2
62457	62822	2051	2052	0.1	1.7	1.5	1.9	2.2	2.8	0.2	0.1	0.5	1.0	4.2	1.0	2.0	29.0	48.4
62822	63188	2052	2053	0.1	1.7	1.5	1.9	2.2	2.8	0.2	0.1	0.5	1.0	4.2	1.0	2.1	29.1	48.5
63188	63553	2053	2054	0.1	1.7	1.5	1.9	2.2	2.8	0.2	0.1	0.5	1.0	4.2	1.0	2.1	29.2	48.6
63553	63918	2054	2055	0.1	1.7	1.5	1.9	2.2	2.8	0.2	0.1	0.5	1.0	4.2	1.0	2.1	29.3	48.7
63918	64283	2055	2056	0.1	1.7	1.5	1.9	2.2	2.8	0.2	0.1	0.5	1.0	4.3	1.1	2.1	29.4	48.8
64283	64649	2056	2057	0.1	1.7	1.5	1.9	2.2	2.8	0.2	0.1	0.5	1.0	4.3	1.1	2.1	29.4	48.9
64649	65014	2057	2058	0.1	1.7	1.5	1.9	2.2	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	29.5	49.0
65014	65379	2058	2059	0.1	1.7	1.5	1.9	2.2	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	29.6	49.1
65379	65744	2059	2060	0.1	1.7	1.5	1.9	2.2	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	29.6	49.2
65744	66110	2060	2061	0.1	1.7	1.5	1.9	2.2	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	29.7	49.3
66110	66475	2061	2062	0.1	1.7	1.5	1.9	2.2	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	29.7	49.3
66475	66840	2062	2063	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	29.8	49.4
66840	67205	2063	2064	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	29.8	49.5
67205	67571	2064	2065	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	29.9	49.5

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S4 model)

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Flux
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)														
67571	67936	2065	2066	5	62	56	69	83	103	8	6	20	36	158	39	134	1034	1812
67936	68301	2066	2067	5	62	56	69	83	103	8	6	20	36	158	39	134	1035	1814
68301	68666	2067	2068	5	62	56	69	83	103	8	6	20	36	158	39	135	1036	1816
68666	69032	2068	2069	5	63	56	69	83	103	8	6	20	36	158	39	135	1038	1818
69032	69397	2069	2070	5	63	56	69	83	103	8	6	20	36	158	39	135	1039	1820
69397	69762	2070	2071	5	63	56	69	83	103	8	6	20	36	158	39	135	1040	1822
69762	70127	2071	2072	5	63	56	69	83	103	8	6	20	36	158	39	135	1041	1823
70127	70493	2072	2073	5	63	56	69	83	103	8	6	20	37	158	39	135	1042	1825
70493	70858	2073	2074	5	63	56	69	83	103	8	6	20	37	159	39	135	1043	1826
70858	71223	2074	2075	5	63	56	69	83	103	8	6	20	37	159	39	135	1044	1828
71223	71588	2075	2076	5	63	56	69	83	103	8	6	20	37	159	39	136	1045	1829
71588	71954	2076	2077	5	63	56	69	83	104	8	6	20	37	159	39	136	1046	1830
71954	72319	2077	2078	5	63	56	69	83	104	8	6	20	37	159	40	136	1047	1832
72319	72684	2078	2079	5	63	56	69	83	104	8	6	20	37	159	40	136	1048	1833
72684	73049	2079	2080	5	63	56	69	83	104	8	6	20	37	159	40	136	1049	1834
73049	73415	2080	2081	5	63	56	69	83	104	8	6	20	37	159	40	136	1050	1835
73415	73780	2081	2082	5	63	56	69	83	104	8	6	20	37	159	40	136	1050	1837
73780	74145	2082	2083	5	63	56	69	83	104	8	6	20	37	159	40	136	1051	1838
74145	74510	2083	2084	5	63	56	69	83	104	8	6	20	37	159	40	136	1052	1839
74510	74876	2084	2085	5	63	56	69	84	104	8	6	20	37	159	40	136	1053	1840
74876	75241	2085	2086	5	63	57	69	84	104	8	6	20	37	159	40	137	1053	1841
75241	75606	2086	2087	5	63	57	69	84	104	8	6	20	37	160	40	137	1054	1842
75606	75971	2087	2088	5	63	57	69	84	104	8	6	20	37	160	40	137	1055	1843
75971	76337	2088	2089	5	63	57	69	84	104	8	6	20	37	160	40	137	1055	1843
76337	76702	2089	2090	5	63	57	69	84	104	8	6	20	37	160	40	137	1056	1844
76702	77067	2090	2091	5	63	57	69	84	104	8	6	20	37	160	40	137	1056	1845
77067	77432	2091	2092	5	63	57	69	84	104	8	6	20	37	160	40	137	1057	1846
77432	77798	2092	2093	5	63	57	69	84	104	8	6	20	37	160	40	137	1057	1847
77798	78163	2093	2094	5	63	57	69	84	104	8	6	20	37	160	40	137	1058	1848
78163	78528	2094	2095	5	64	57	69	84	104	8	6	20	37	160	40	137	1058	1848
78528	78893	2095	2096	5	64	57	69	84	104	8	6	20	37	160	40	137	1059	1849
78893	79259	2096	2097	5	64	57	69	84	104	8	6	20	37	160	40	137	1059	1850
79259	79624	2097	2098	5	64	57	69	84	104	8	6	20	37	160	40	137	1060	1850
79624	79989	2098	2099	5	64	57	69	84	104	8	6	20	37	160	40	137	1060	1851
79989	80354	2099	2100	5	64	57	69	84	104	8	6	20	37	160	40	137	1061	1852
80354	80719	2100	2101	5	64	57	69	84	104	8	6	20	37	160	40	137	1061	1852
80719	81084	2101	2102	5	64	57	69	84	104	8	6	20	37	160	40	137	1062	1853
81084	81449	2102	2103	5	64	57	69	84	104	8	6	20	37	160	40	138	1062	1854
81449	81814	2103	2104	5	64	57	69	84	104	8	6	20	37	160	40	138	1062	1854
81814	82180	2104	2105	5	64	57	69	84	104	8	6	20	37	160	40	138	1063	1855
82180	82545	2105	2106	5	64	57	69	84	105	8	6	20	37	160	40	138	1063	1855
82545	82910	2106	2107	5	64	57	69	84	105	8	6	20	37	160	40	138	1064	1856
82910	83275	2107	2108	5	64	57	69	84	105	8	6	20	37	160	40	138	1064	1856
83275	83641	2108	2109	5	64	57	69	84	105	8	6	20	37	161	40	138	1064	1857
83641	84006	2109	2110	5	64	57	69	84	105	8	6	20	37	161	40	138	1065	1857
84006	84371	2110	2111	5	64	57	69	84	105	8	6	20	37	161	40	138	1065	1858
84371	84736	2111	2112	5	64	57	69	84	105	8	6	20	37	161	40	138	1065	1858
84736	85102	2112	2113	5	64	57	69	84	105	8	6	20	37	161	40	138	1066	1859
85102	85467	2113	2114	5	64	57	69	84	105	8	6	20	37	161	40	138	1066	1859

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Salt Load
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)														
67571	67936	2065	2066	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	29.9	49.6
67936	68301	2066	2067	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	29.9	49.6
68301	68666	2067	2068	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	30.0	49.7
68666	69032	2068	2069	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	30.0	49.7
69032	69397	2069	2070	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	30.1	49.8
69397	69762	2070	2071	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	30.1	49.8
69762	70127	2071	2072	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	30.1	49.9
70127	70493	2072	2073	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	30.2	49.9
70493	70858	2073	2074	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	30.2	50.0
70858	71223	2074	2075	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	30.2	50.0
71223	71588	2075	2076	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	30.2	50.0
71588	71954	2076	2077	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	30.3	50.1
71954	72319	2077	2078	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	30.3	50.1
72319	72684	2078	2079	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	30.3	50.2
72684	73049	2079	2080	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	30.3	50.2
73049	73415	2080	2081	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	30.4	50.2
73415	73780	2081	2082	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	30.4	50.3
73780	74145	2082	2083	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	30.4	50.3
74145	74510	2083	2084	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	30.4	50.3
74510	74876	2084	2085	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.3	1.1	2.1	30.4	50.3
74876	75241	2085	2086	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.4	1.1	2.1	30.5	50.4
75241	75606	2086	2087	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.4	1.1	2.1	30.5	50.4
75606	75971	2087	2088	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.4	1.1	2.1	30.5	50.4
75971	76337	2088	2089	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.4	1.1	2.1	30.5	50.4
76337	76702	2089	2090	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.4	1.1	2.1	30.5	50.5
76702	77067	2090	2091	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.4	1.1	2.1	30.6	50.5
77067	77432	2091	2092	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.4	1.1	2.1	30.6	50.5
77432	77798	2092	2093	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.4	1.1	2.2	30.6	50.5
77798	78163	2093	2094	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.4	1.1	2.2	30.6	50.6
78163	78528	2094	2095	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.4	1.1	2.2	30.6	50.6
78528	78893	2095	2096	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.4	1.1	2.2	30.6	50.6
78893	79259	2096	2097	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.4	1.1	2.2	30.6	50.6
79259	79624	2097	2098	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.4	1.1	2.2	30.7	50.6
79624	79989	2098	2099	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.4	1.1	2.2	30.7	50.6
79989	80354	2099	2100	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.4	1.1	2.2	30.7	50.7
80354	80719	2100	2101	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.4	1.1	2.2	30.7	50.7
80719	81084	2101	2102	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.4	1.1	2.2	30.7	50.7
81084	81449	2102	2103	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.4	1.1	2.2	30.7	50.7
81449	81814	2103	2104	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.4	1.1	2.2	30.7	50.7
81814	82180	2104	2105	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.2	0.5	1.0	4.4	1.1	2.2	30.7	50.8
82180	82545	2105	2106	0.1	1.7	1.5	1.9	2.3	2.9	0.2	0.2	0.5	1.0	4.4	1.1	2.2	30.8	50.8
82545	82910	2106	2107	0.1	1.7	1.5	1.9	2.3	2.9	0.2	0.2	0.5	1.0	4.4	1.1	2.2	30.8	50.8
82910	83275	2107	2108	0.1	1.7	1.5	1.9	2.3	2.9	0.2	0.2	0.5	1.0	4.4	1.1	2.2	30.8	50.8
83275	83641	2108	2109	0.1	1.7	1.5	1.9	2.3	2.9	0.2	0.2	0.5	1.0	4.4	1.1	2.2	30.8	50.8
83641	84006	2109	2110	0.1	1.7	1.5	1.9	2.3	2.9	0.2	0.2	0.5	1.0	4.4	1.1	2.2	30.8	50.8
84006	84371	2110	2111	0.1	1.7	1.5	1.9	2.3	2.9	0.2	0.2	0.5	1.0	4.4	1.1	2.2	30.8	50.8
84371	84736	2111	2112	0.1	1.7	1.5	1.9	2.3	2.9	0.2	0.2	0.5	1.0	4.4	1.1	2.2	30.8	50.8
84736	85102	2112	2113	0.1	1.7	1.5	1.9	2.3	2.9	0.2	0.2	0.5	1.0	4.4	1.1	2.2	30.8	50.9
85102	85467	2113	2114	0.1	1.7	1.5	1.9	2.3	2.9	0.2	0.2	0.5	1.0	4.4	1.1	2.2	30.8	50.9

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S4 model)

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Flux
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)								
0	1	1880	1880	0	827	78	4	128	218	38	237	1530
1	1827	1880	1885	0	827	78	4	128	218	38	237	1530
1827	3653	1885	1890	0	827	78	4	128	218	38	237	1530
3653	5479	1890	1895	0	827	78	4	128	218	38	237	1530
5479	7305	1895	1900	0	827	78	4	128	218	38	237	1530
7305	9131	1900	1905	0	827	78	4	128	218	38	237	1530
9131	10957	1905	1910	0	827	78	4	128	218	38	237	1530
10957	12783	1910	1915	0	827	78	4	128	218	38	237	1530
12783	14609	1915	1920	0	827	78	4	128	218	38	237	1530
14609	16436	1920	1925	0	827	78	4	128	218	38	237	1530
16436	18262	1925	1930	0	827	78	4	128	218	38	237	1530
18262	20088	1930	1935	0	827	78	4	128	218	38	237	1530
20088	21914	1935	1940	0	827	78	4	128	218	38	237	1530
21914	23741	1940	1945	0	827	78	4	128	218	38	237	1530
23741	25567	1945	1950	0	827	78	4	128	218	38	237	1530
25567	27393	1950	1955	0	827	78	4	128	218	38	237	1530
27393	29219	1955	1960	0	827	78	4	128	218	48	278	1581
29219	31046	1960	1965	0	827	78	4	128	219	57	326	1640
31046	32872	1965	1970	0	827	78	4	128	220	63	349	1670
32872	34698	1970	1975	0	827	78	4	129	221	67	369	1696
34698	36524	1975	1980	0	827	78	5	130	223	104	609	1977
36524	37255	1980	1982	0	827	78	5	130	224	157	659	2080
37255	37985	1982	1984	0	827	79	5	131	226	178	694	2139
37985	38351	1984	1985	0	827	79	5	131	226	185	707	2160
38351	38716	1985	1986	0	827	79	5	131	227	190	718	2177
38716	39446	1986	1988	0	827	79	5	132	228	198	736	2204
39446	39812	1988	1989	0	827	79	5	132	228	201	743	2215
39812	40177	1989	1990	0	827	79	5	132	228	204	750	2225
40177	40542	1990	1991	0	827	79	5	132	229	206	755	2232
40542	40907	1991	1992	0	827	79	5	132	229	207	758	2238
40907	41273	1992	1993	0	827	79	5	132	229	209	761	2242
41273	41638	1993	1994	0	827	79	5	132	229	210	762	2245
41638	42003	1994	1995	0	827	79	5	132	230	211	763	2246
42003	42368	1995	1996	0	827	79	5	133	230	211	763	2248
42368	42734	1996	1997	0	828	79	5	133	230	214	763	2251
42734	43099	1997	1998	0	828	79	5	133	231	217	763	2256
43099	43464	1998	1999	0	828	79	5	134	232	221	763	2261
43464	43829	1999	2000	0	828	79	5	134	232	220	758	2256
43829	44195	2000	2001	0	828	79	6	134	233	219	753	2251
44195	44560	2001	2002	0	828	79	6	134	233	221	746	2247
44560	44925	2002	2003	0	828	79	6	135	233	222	737	2240
44925	45290	2003	2004	0	828	79	6	135	234	221	728	2230
45290	45656	2004	2005	0	828	79	6	135	234	218	716	2215
45656	46021	2005	2006	0	828	79	6	135	234	213	703	2197
46021	46386	2006	2007	0	828	79	6	135	234	206	689	2175
46386	46751	2007	2008	0	828	79	6	135	233	199	673	2153
46751	47117	2008	2009	0	828	79	6	135	233	195	658	2132
47117	47482	2009	2010	0	828	79	6	134	233	191	646	2116
47482	47847	2010	2011	0	828	79	6	134	232	188	637	2104
47847	48212	2011	2012	0	831	79	5	134	232	185	630	2097
48212	48578	2012	2013	0	831	79	5	134	232	182	624	2087
48578	48943	2013	2014	0	831	79	5	134	231	178	620	2078

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Salt Load
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)								
0	1	1880	1880	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
1	1827	1880	1885	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
1827	3653	1885	1890	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
3653	5479	1890	1895	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
5479	7305	1895	1900	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
7305	9131	1900	1905	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
9131	10957	1905	1910	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
10957	12783	1910	1915	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
12783	14609	1915	1920	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
14609	16436	1920	1925	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
16436	18262	1925	1930	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
18262	20088	1930	1935	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
20088	21914	1935	1940	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
21914	23741	1940	1945	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
23741	25567	1945	1950	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
25567	27393	1950	1955	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
27393	29219	1955	1960	0.0	0.8	0.1	0.0	0.1	5.3	1.5	11.7	19.4
29219	31046	1960	1965	0.0	0.8	0.1	0.0	0.1	5.3	1.8	13.7	21.8
31046	32872	1965	1970	0.0	0.8	0.1	0.0	0.1	5.3	2.0	14.6	22.9
32872	34698	1970	1975	0.0	0.8	0.1	0.0	0.1	5.3	2.1	15.5	24.0
34698	36524	1975	1980	0.0	0.8	0.1	0.0	0.1	5.4	3.4	25.6	35.3
36524	37255	1980	1982	0.0	0.8	0.1	0.0	0.1	5.4	5.0	27.7	39.1
37255	37985	1982	1984	0.0	0.8	0.1	0.0	0.1	5.5	5.7	29.1	41.3
37985	38351	1984	1985	0.0	0.8	0.1	0.0	0.1	5.5	6.0	29.7	42.1
38351	38716	1985	1986	0.0	0.8	0.1	0.0	0.1	5.5	6.1	30.2	42.7
38716	39446	1986	1988	0.0	0.8	0.1	0.0	0.1	5.5	6.4	30.9	43.7
39446	39812	1988	1989	0.0	0.8	0.1	0.0	0.1	5.5	6.5	31.2	44.1
39812	40177	1989	1990	0.0	0.8	0.1	0.0	0.1	5.5	6.6	31.5	44.5
40177	40542	1990	1991	0.0	0.8	0.1	0.0	0.1	5.5	6.6	31.7	44.8
40542	40907	1991	1992	0.0	0.8	0.1	0.0	0.1	5.5	6.7	31.8	45.0
40907	41273	1992	1993	0.0	0.8	0.1	0.0	0.1	5.5	6.7	31.9	45.2
41273	41638	1993	1994	0.0	0.8	0.1	0.0	0.1	5.5	6.8	32.0	45.3
41638	42003	1994	1995	0.0	0.8	0.1	0.0	0.1	5.6	6.8	32.0	45.3
42003	42368	1995	1996	0.0	0.8	0.1	0.0	0.1	5.6	6.8	32.0	45.4
42368	42734	1996	1997	0.0	0.8	0.1	0.0	0.1	5.6	6.9	32.0	45.4
42734	43099	1997	1998	0.0	0.8	0.1	0.0	0.1	5.6	7.0	32.0	45.6
43099	43464	1998	1999	0.0	0.8	0.1	0.0	0.1	5.6	7.1	32.0	45.7
43464	43829	1999	2000	0.0	0.8	0.1	0.0	0.1	5.6	7.1	31.8	45.5
43829	44195	2000	2001	0.0	0.8	0.1	0.0	0.1	5.6	7.1	31.6	45.3
44195	44560	2001	2002	0.0	0.8	0.1	0.0	0.1	5.6	7.1	31.3	45.0
44560	44925	2002	2003	0.0	0.8	0.1	0.0	0.1	5.6	7.2	31.0	44.7
44925	45290	2003	2004	0.0	0.8	0.1	0.0	0.1	5.7	7.1	30.6	44.3
45290	45656	2004	2005	0.0	0.8	0.1	0.0	0.1	5.7	7.0	30.1	43.7
45656	46021	2005	2006	0.0	0.8	0.1	0.0	0.1	5.7	6.9	29.5	43.0
46021	46386	2006	2007	0.0	0.8	0.1	0.0	0.1	5.6	6.6	28.9	42.2
46386	46751	2007	2008	0.0	0.8	0.1	0.0	0.1	5.6	6.4	28.3	41.3
46751	47117	2008	2009	0.0	0.8	0.1	0.0	0.1	5.6	6.3	27.6	40.5
47117	47482	2009	2010	0.0	0.8	0.1	0.0	0.1	5.6	6.2	27.1	39.9
47482	47847	2010	2011	0.0	0.8	0.1	0.0	0.1	5.6	6.1	26.7	39.4
47847	48212	2011	2012	0.0	0.8	0.1	0.0	0.1	5.6	6.0	26.5	39.0
48212	48578	2012	2013	0.0	0.8	0.1	0.0	0.1	5.6	5.9	26.2	38.6
48578	48943	2013	2014	0.0	0.8	0.1	0.0	0.1	5.6	5.7	26.0	38.3

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S4 model)

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Flux
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)								
48943	49308	2014	2015	0	831	79	5	134	231	175	615	2070
49308	49673	2015	2016	0	831	79	5	133	231	173	626	2078
49673	50039	2016	2017	0	831	79	5	133	230	172	642	2093
50039	50404	2017	2018	0	831	79	5	133	230	173	656	2108
50404	50769	2018	2019	0	831	79	5	134	230	174	669	2123
50769	51134	2019	2020	0	832	79	5	134	230	176	681	2136
51134	51500	2020	2021	0	832	79	5	134	231	177	691	2149
51500	51865	2021	2022	0	832	79	5	134	231	180	705	2166
51865	52230	2022	2023	0	832	79	5	134	231	183	721	2186
52230	52595	2023	2024	0	832	79	6	134	231	187	737	2206
52595	52961	2024	2025	0	832	79	6	134	232	192	753	2227
52961	53326	2025	2026	0	832	79	6	135	232	197	768	2248
53326	53691	2026	2027	0	832	79	6	135	232	202	784	2269
53691	54056	2027	2028	0	832	79	6	135	233	207	798	2289
54056	54422	2028	2029	0	832	79	6	135	233	212	811	2308
54422	54787	2029	2030	0	832	79	6	135	233	217	823	2325
54787	55152	2030	2031	0	832	79	6	135	234	221	837	2344
55152	55517	2031	2032	0	832	79	6	136	234	225	852	2363
55517	55883	2032	2033	0	832	79	6	136	234	228	863	2378
55883	56248	2033	2034	0	832	79	6	136	234	232	872	2391
56248	56613	2034	2035	0	832	79	6	136	235	234	880	2402
56613	56978	2035	2036	0	832	79	6	136	235	237	887	2412
56978	57344	2036	2037	0	832	79	6	136	235	239	893	2421
57344	57709	2037	2038	0	832	79	6	136	236	242	898	2430
57709	58074	2038	2039	0	832	79	6	137	236	244	903	2437
58074	58439	2039	2040	0	832	79	6	137	236	246	908	2444
58439	58805	2040	2041	0	833	79	6	137	236	248	912	2450
58805	59170	2041	2042	0	833	79	6	137	236	251	917	2459
59170	59535	2042	2043	0	833	79	6	137	237	255	922	2468
59535	59900	2043	2044	0	833	79	6	137	237	258	927	2476
59900	60266	2044	2045	0	833	79	6	137	237	261	931	2485
60266	60631	2045	2046	0	833	79	6	137	237	264	936	2492
60631	60996	2046	2047	0	833	79	6	138	237	267	940	2500
60996	61361	2047	2048	0	833	79	6	138	238	270	944	2508
61361	61727	2048	2049	0	833	79	6	138	238	275	949	2518
61727	62092	2049	2050	0	833	79	6	138	238	280	955	2528
62092	62457	2050	2051	0	833	79	6	138	238	284	959	2537
62457	62822	2051	2052	0	833	79	6	138	238	287	963	2545
62822	63188	2052	2053	0	833	79	6	138	239	289	967	2551
63188	63553	2053	2054	0	833	79	6	138	239	292	970	2557
63553	63918	2054	2055	0	833	79	6	138	239	294	973	2562
63918	64283	2055	2056	0	833	79	6	138	239	296	976	2567
64283	64649	2056	2057	0	833	79	6	138	239	297	978	2572
64649	65014	2057	2058	0	833	79	6	139	239	299	981	2576
65014	65379	2058	2059	0	833	79	6	139	240	301	983	2580
65379	65744	2059	2060	0	833	79	6	139	240	302	985	2584
65744	66110	2060	2061	0	833	79	6	139	240	303	987	2587
66110	66475	2061	2062	0	833	79	6	139	240	305	989	2591
66475	66840	2062	2063	0	833	79	6	139	240	306	990	2594
66840	67205	2063	2064	0	833	79	6	139	240	307	992	2597
67205	67571	2064	2065	0	833	79	6	139	240	308	994	2600

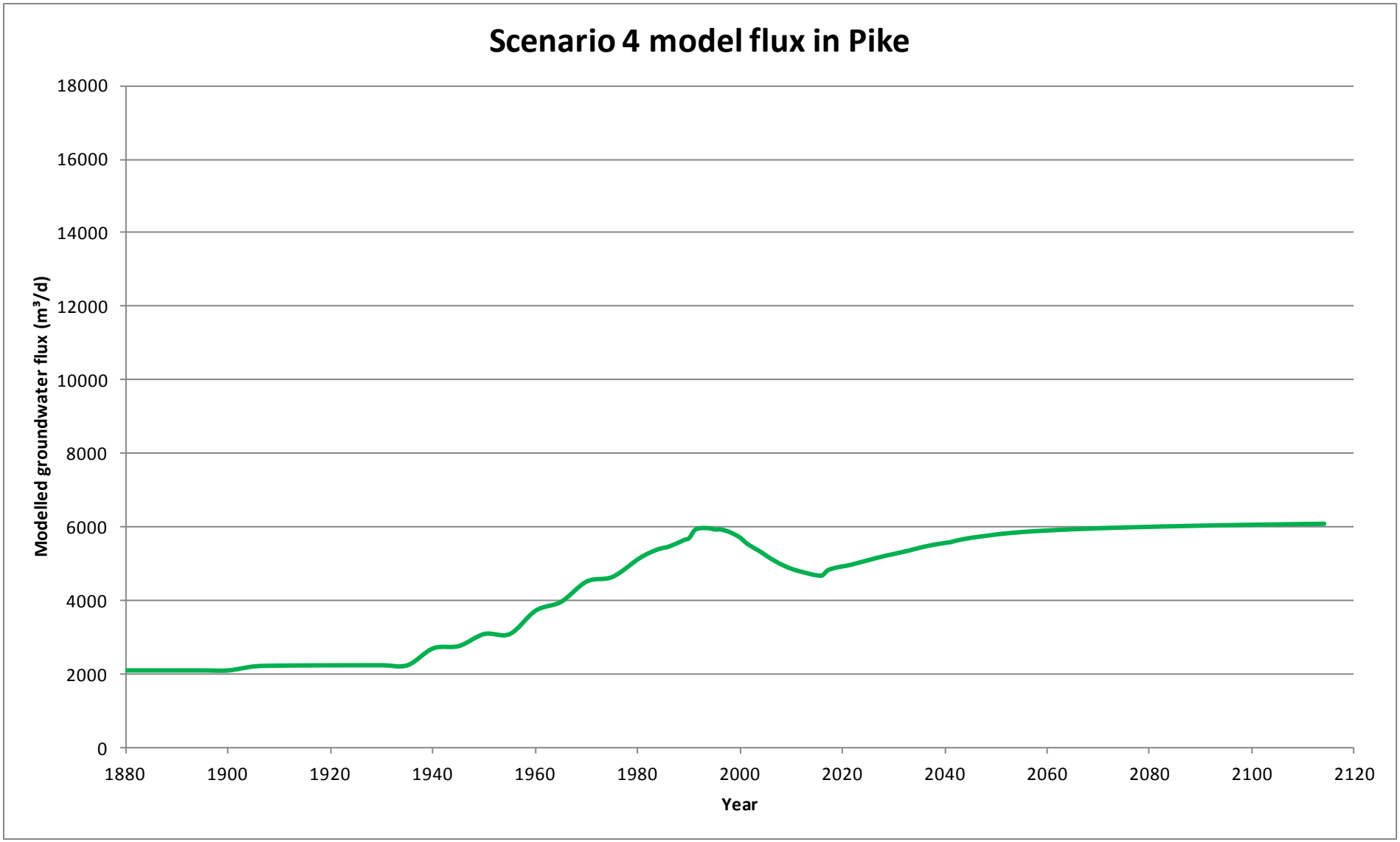
				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Salt Load
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)								
48943	49308	2014	2015	0.0	0.8	0.1	0.0	0.1	5.6	5.6	25.8	38.0
49308	49673	2015	2016	0.0	0.8	0.1	0.0	0.1	5.6	5.6	26.3	38.4
49673	50039	2016	2017	0.0	0.8	0.1	0.0	0.1	5.6	5.6	27.0	39.0
50039	50404	2017	2018	0.0	0.8	0.1	0.0	0.1	5.6	5.6	27.6	39.7
50404	50769	2018	2019	0.0	0.8	0.1	0.0	0.1	5.6	5.6	28.1	40.2
50769	51134	2019	2020	0.0	0.8	0.1	0.0	0.1	5.6	5.7	28.6	40.8
51134	51500	2020	2021	0.0	0.8	0.1	0.0	0.1	5.6	5.7	29.0	41.3
51500	51865	2021	2022	0.0	0.8	0.1	0.0	0.1	5.6	5.8	29.6	41.9
51865	52230	2022	2023	0.0	0.8	0.1	0.0	0.1	5.6	5.9	30.3	42.7
52230	52595	2023	2024	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.0	43.5
52595	52961	2024	2025	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.6	44.4
52961	53326	2025	2026	0.0	0.8	0.1	0.0	0.1	5.6	6.4	32.3	45.2
53326	53691	2026	2027	0.0	0.8	0.1	0.0	0.1	5.6	6.5	32.9	46.0
53691	54056	2027	2028	0.0	0.8	0.1	0.0	0.1	5.6	6.7	33.5	46.8
54056	54422	2028	2029	0.0	0.8	0.1	0.0	0.1	5.6	6.8	34.1	47.5
54422	54787	2029	2030	0.0	0.8	0.1	0.0	0.1	5.6	7.0	34.5	48.1
54787	55152	2030	2031	0.0	0.8	0.1	0.0	0.1	5.6	7.1	35.2	48.9
55152	55517	2031	2032	0.0	0.8	0.1	0.0	0.1	5.7	7.2	35.8	49.6
55517	55883	2032	2033	0.0	0.8	0.1	0.0	0.1	5.7	7.4	36.2	50.2
55883	56248	2033	2034	0.0	0.8	0.1	0.0	0.1	5.7	7.5	36.6	50.7
56248	56613	2034	2035	0.0	0.8	0.1	0.0	0.1	5.7	7.5	37.0	51.1
56613	56978	2035	2036	0.0	0.8	0.1	0.0	0.1	5.7	7.6	37.2	51.5
56978	57344	2036	2037	0.0	0.8	0.1	0.0	0.1	5.7	7.7	37.5	51.9
57344	57709	2037	2038	0.0	0.8	0.1	0.0	0.1	5.7	7.8	37.7	52.2
57709	58074	2038	2039	0.0	0.8	0.1	0.0	0.1	5.7	7.9	37.9	52.5
58074	58439	2039	2040	0.0	0.8	0.1	0.0	0.1	5.7	7.9	38.1	52.7
58439	58805	2040	2041	0.0	0.8	0.1	0.0	0.1	5.7	8.0	38.3	53.0
58805	59170	2041	2042	0.0	0.8	0.1	0.0	0.1	5.7	8.1	38.5	53.3
59170	59535	2042	2043	0.0	0.8	0.1	0.0	0.1	5.7	8.2	38.7	53.6
59535	59900	2043	2044	0.0	0.8	0.1	0.0	0.1	5.7	8.3	38.9	53.9
59900	60266	2044	2045	0.0	0.8	0.1	0.0	0.1	5.7	8.4	39.1	54.2
60266	60631	2045	2046	0.0	0.8	0.1	0.0	0.1	5.7	8.5	39.3	54.5
60631	60996	2046	2047	0.0	0.8	0.1	0.0	0.1	5.7	8.6	39.5	54.8
60996	61361	2047	2048	0.0	0.8	0.1	0.0	0.1	5.7	8.7	39.7	55.1
61361	61727	2048	2049	0.0	0.8	0.1	0.0	0.1	5.8	8.9	39.9	55.5
61727	62092	2049	2050	0.0	0.8	0.1	0.0	0.1	5.8	9.0	40.1	55.8
62092	62457	2050	2051	0.0	0.8	0.1	0.0	0.1	5.8	9.1	40.3	56.1
62457	62822	2051	2052	0.0	0.8	0.1	0.0	0.1	5.8	9.2	40.5	56.4
62822	63188	2052	2053	0.0	0.8	0.1	0.0	0.1	5.8	9.3	40.6	56.7
63188	63553	2053	2054	0.0	0.8	0.1	0.0	0.1	5.8	9.4	40.7	56.9
63553	63918	2054	2055	0.0	0.8	0.1	0.0	0.1	5.8	9.5	40.9	57.1
63918	64283	2055	2056	0.0	0.8	0.1	0.0	0.1	5.8	9.5	41.0	57.2
64283	64649	2056	2057	0.0	0.8	0.1	0.0	0.1	5.8	9.6	41.1	57.4
64649	65014	2057	2058	0.0	0.8	0.1	0.0	0.1	5.8	9.6	41.2	57.6
65014	65379	2058	2059	0.0	0.8	0.1	0.0	0.1	5.8	9.7	41.3	57.7
65379	65744	2059	2060	0.0	0.8	0.1	0.0	0.1	5.8	9.7	41.4	57.8
65744	66110	2060	2061	0.0	0.8	0.1	0.0	0.1	5.8	9.8	41.4	58.0
66110	66475	2061	2062	0.0	0.8	0.1	0.0	0.1	5.8	9.8	41.5	58.1
66475	66840	2062	2063	0.0	0.8	0.1	0.0	0.1	5.8	9.9	41.6	58.2
66840	67205	2063	2064	0.0	0.8	0.1	0.0	0.1	5.8	9.9	41.7	58.3
67205	67571	2064	2065	0.0	0.8	0.1	0.0	0.1	5.8	9.9	41.7	58.4

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S4 model)

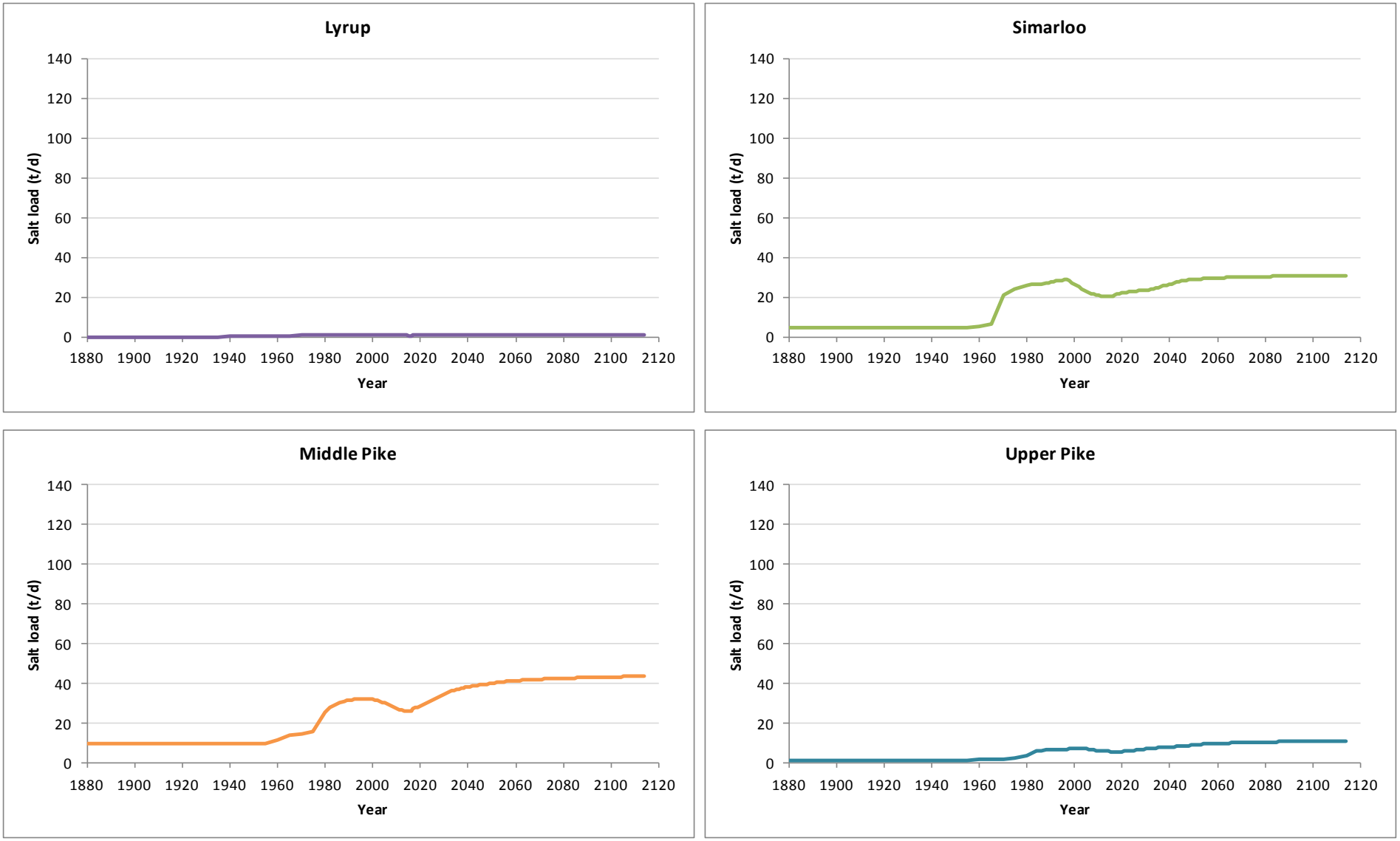
				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Flux
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)								
67571	67936	2065	2066	0	833	79	6	139	240	310	995	2603
67936	68301	2066	2067	0	833	79	6	139	240	311	997	2605
68301	68666	2067	2068	0	833	79	6	139	240	312	998	2608
68666	69032	2068	2069	0	833	79	6	139	241	313	1000	2611
69032	69397	2069	2070	0	833	79	6	139	241	314	1001	2613
69397	69762	2070	2071	0	833	79	6	139	241	315	1002	2616
69762	70127	2071	2072	0	833	79	6	139	241	316	1004	2618
70127	70493	2072	2073	0	833	79	6	139	241	317	1005	2620
70493	70858	2073	2074	0	833	79	6	139	241	318	1006	2623
70858	71223	2074	2075	0	833	79	6	139	241	319	1007	2625
71223	71588	2075	2076	0	833	79	6	139	241	320	1008	2627
71588	71954	2076	2077	0	833	79	6	139	241	321	1009	2629
71954	72319	2077	2078	0	833	79	6	140	241	321	1010	2631
72319	72684	2078	2079	0	833	79	6	140	241	322	1011	2633
72684	73049	2079	2080	0	833	79	6	140	241	323	1012	2635
73049	73415	2080	2081	0	833	79	6	140	241	324	1013	2637
73415	73780	2081	2082	0	833	79	6	140	241	325	1014	2639
73780	74145	2082	2083	0	833	79	6	140	242	326	1015	2641
74145	74510	2083	2084	0	833	79	6	140	242	326	1016	2643
74510	74876	2084	2085	0	833	79	6	140	242	327	1017	2645
74876	75241	2085	2086	0	833	79	7	140	242	328	1018	2647
75241	75606	2086	2087	0	833	79	7	140	242	329	1019	2648
75606	75971	2087	2088	0	833	79	7	140	242	330	1020	2650
75971	76337	2088	2089	0	833	79	7	140	242	330	1021	2652
76337	76702	2089	2090	0	833	79	7	140	242	331	1022	2653
76702	77067	2090	2091	0	833	79	7	140	242	332	1022	2655
77067	77432	2091	2092	0	833	79	7	140	242	332	1023	2657
77432	77798	2092	2093	0	833	79	7	140	242	333	1024	2658
77798	78163	2093	2094	0	833	79	7	140	242	334	1025	2660
78163	78528	2094	2095	0	833	79	7	140	242	335	1026	2662
78528	78893	2095	2096	0	833	79	7	140	242	335	1026	2663
78893	79259	2096	2097	0	833	79	7	140	242	336	1027	2665
79259	79624	2097	2098	0	833	79	7	140	242	337	1028	2666
79624	79989	2098	2099	0	833	79	7	140	242	337	1028	2667
79989	80354	2099	2100	0	833	79	7	140	242	338	1029	2669
80354	80719	2100	2101	0	833	79	7	140	243	339	1030	2670
80719	81084	2101	2102	0	833	79	7	140	243	339	1031	2672
81084	81449	2102	2103	0	833	79	7	140	243	340	1031	2673
81449	81814	2103	2104	0	833	79	7	140	243	341	1032	2674
81814	82180	2104	2105	0	833	79	7	140	243	341	1033	2676
82180	82545	2105	2106	0	833	79	7	140	243	342	1033	2677
82545	82910	2106	2107	0	833	79	7	140	243	342	1034	2679
82910	83275	2107	2108	0	833	79	7	140	243	343	1034	2680
83275	83641	2108	2109	0	833	79	7	140	243	344	1035	2681
83641	84006	2109	2110	0	833	79	7	140	243	344	1036	2682
84006	84371	2110	2111	0	833	79	7	141	243	345	1036	2684
84371	84736	2111	2112	0	833	79	7	141	243	345	1037	2685
84736	85102	2112	2113	0	833	79	7	141	243	346	1038	2686
85102	85467	2113	2114	0	833	79	7	141	243	346	1038	2687

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Salt Load
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)								
67571	67936	2065	2066	0.0	0.8	0.1	0.0	0.1	5.8	10.0	41.8	58.5
67936	68301	2066	2067	0.0	0.8	0.1	0.0	0.1	5.8	10.0	41.9	58.6
68301	68666	2067	2068	0.0	0.8	0.1	0.0	0.1	5.8	10.0	41.9	58.7
68666	69032	2068	2069	0.0	0.8	0.1	0.0	0.1	5.8	10.1	42.0	58.8
69032	69397	2069	2070	0.0	0.8	0.1	0.0	0.1	5.8	10.1	42.0	58.9
69397	69762	2070	2071	0.0	0.8	0.1	0.0	0.1	5.8	10.1	42.1	59.0
69762	70127	2071	2072	0.0	0.8	0.1	0.0	0.1	5.8	10.2	42.1	59.1
70127	70493	2072	2073	0.0	0.8	0.1	0.0	0.1	5.8	10.2	42.2	59.2
70493	70858	2073	2074	0.0	0.8	0.1	0.0	0.1	5.8	10.2	42.2	59.3
70858	71223	2074	2075	0.0	0.8	0.1	0.0	0.1	5.8	10.3	42.3	59.4
71223	71588	2075	2076	0.0	0.8	0.1	0.0	0.1	5.8	10.3	42.3	59.4
71588	71954	2076	2077	0.0	0.8	0.1	0.0	0.1	5.8	10.3	42.4	59.5
71954	72319	2077	2078	0.0	0.8	0.1	0.0	0.1	5.8	10.3	42.4	59.6
72319	72684	2078	2079	0.0	0.8	0.1	0.0	0.1	5.8	10.4	42.5	59.7
72684	73049	2079	2080	0.0	0.8	0.1	0.0	0.1	5.8	10.4	42.5	59.7
73049	73415	2080	2081	0.0	0.8	0.1	0.0	0.1	5.8	10.4	42.6	59.8
73415	73780	2081	2082	0.0	0.8	0.1	0.0	0.1	5.8	10.5	42.6	59.9
73780	74145	2082	2083	0.0	0.8	0.1	0.0	0.1	5.8	10.5	42.6	59.9
74145	74510	2083	2084	0.0	0.8	0.1	0.0	0.1	5.8	10.5	42.7	60.0
74510	74876	2084	2085	0.0	0.8	0.1	0.0	0.1	5.8	10.5	42.7	60.1
74876	75241	2085	2086	0.0	0.8	0.1	0.0	0.1	5.8	10.6	42.8	60.1
75241	75606	2086	2087	0.0	0.8	0.1	0.0	0.1	5.8	10.6	42.8	60.2
75606	75971	2087	2088	0.0	0.8	0.1	0.0	0.1	5.8	10.6	42.8	60.3
75971	76337	2088	2089	0.0	0.8	0.1	0.0	0.1	5.8	10.6	42.9	60.3
76337	76702	2089	2090	0.0	0.8	0.1	0.0	0.1	5.9	10.7	42.9	60.4
76702	77067	2090	2091	0.0	0.8	0.1	0.0	0.1	5.9	10.7	42.9	60.4
77067	77432	2091	2092	0.0	0.8	0.1	0.0	0.1	5.9	10.7	43.0	60.5
77432	77798	2092	2093	0.0	0.8	0.1	0.0	0.1	5.9	10.7	43.0	60.6
77798	78163	2093	2094	0.0	0.8	0.1	0.0	0.1	5.9	10.8	43.0	60.6
78163	78528	2094	2095	0.0	0.8	0.1	0.0	0.1	5.9	10.8	43.1	60.7
78528	78893	2095	2096	0.0	0.8	0.1	0.0	0.1	5.9	10.8	43.1	60.7
78893	79259	2096	2097	0.0	0.8	0.1	0.0	0.1	5.9	10.8	43.1	60.8
79259	79624	2097	2098	0.0	0.8	0.1	0.0	0.1	5.9	10.8	43.2	60.8
79624	79989	2098	2099	0.0	0.8	0.1	0.0	0.1	5.9	10.9	43.2	60.9
79989	80354	2099	2100	0.0	0.8	0.1	0.0	0.1	5.9	10.9	43.2	60.9
80354	80719	2100	2101	0.0	0.8	0.1	0.0	0.1	5.9	10.9	43.3	61.0
80719	81084	2101	2102	0.0	0.8	0.1	0.0	0.1	5.9	10.9	43.3	61.0
81084	81449	2102	2103	0.0	0.8	0.1	0.0	0.1	5.9	10.9	43.3	61.1
81449	81814	2103	2104	0.0	0.8	0.1	0.0	0.1	5.9	11.0	43.3	61.1
81814	82180	2104	2105	0.0	0.8	0.1	0.0	0.1	5.9	11.0	43.4	61.2
82180	82545	2105	2106	0.0	0.8	0.1	0.0	0.1	5.9	11.0	43.4	61.2
82545	82910	2106	2107	0.0	0.8	0.1	0.0	0.1	5.9	11.0	43.4	61.3
82910	83275	2107	2108	0.0	0.8	0.1	0.0	0.1	5.9	11.0	43.4	61.3
83275	83641	2108	2109	0.0	0.8	0.1	0.0	0.1	5.9	11.1	43.5	61.4
83641	84006	2109	2110	0.0	0.8	0.1	0.0	0.1	5.9	11.1	43.5	61.4
84006	84371	2110	2111	0.0	0.8	0.1	0.0	0.1	5.9	11.1	43.5	61.5
84371	84736	2111	2112	0.0	0.8	0.1	0.0	0.1	5.9	11.1	43.5	61.5
84736	85102	2112	2113	0.0	0.8	0.1	0.0	0.1	5.9	11.1	43.6	61.6
85102	85467	2113	2114	0.0	0.8	0.1	0.0	0.1	5.9	11.2	43.6	61.6

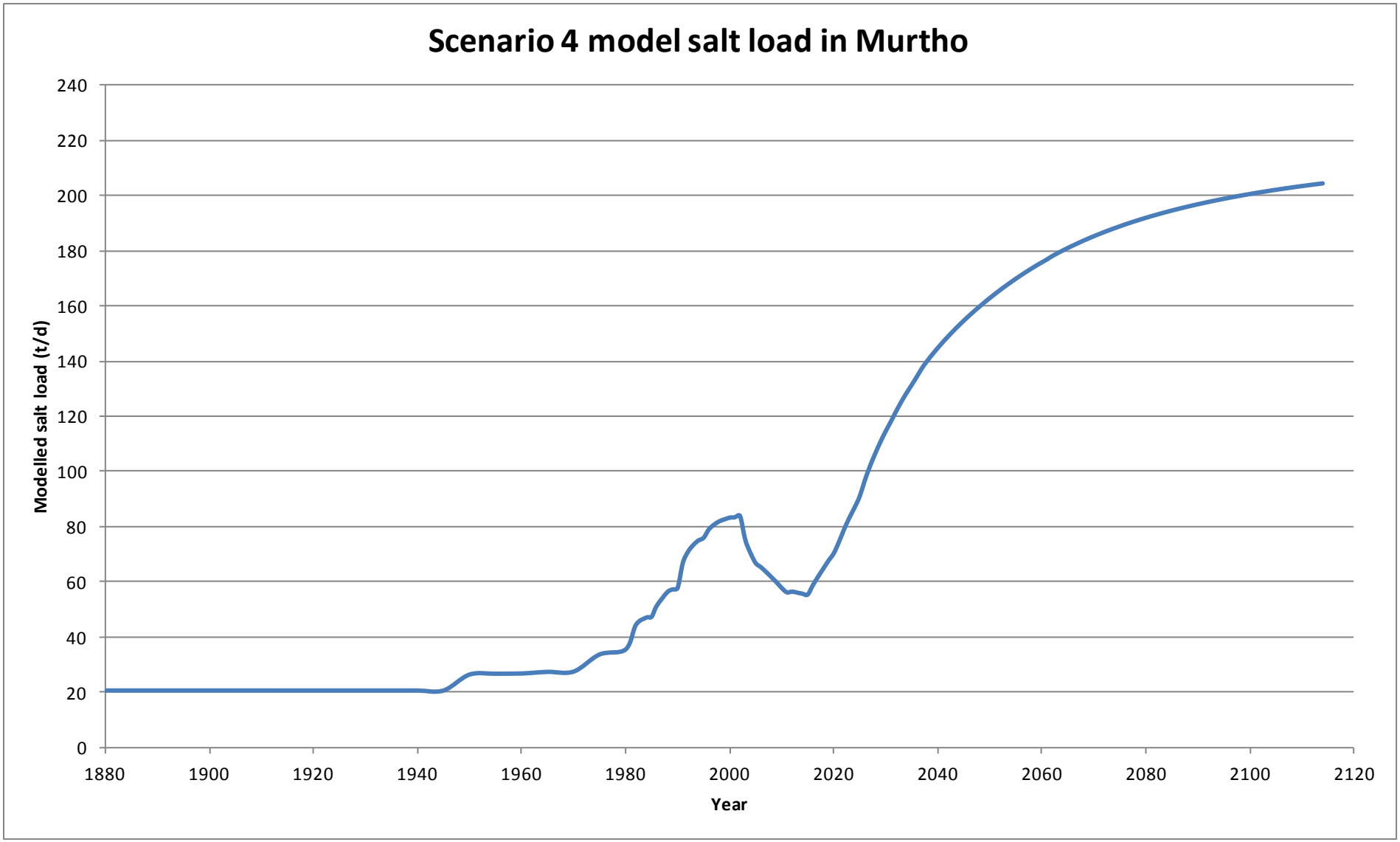
B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S4 model)



B-3. Graph of modelled groundwater flux (m³/d) entering the River Murray in Pike (S4 model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Pike (S4 model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Pike (S4 model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
0	1	1880	1880	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1827	1880	1885	0	0	0	0	0	0	0	0	0	0	0	0	0
1827	3653	1885	1890	0	0	0	0	0	0	0	0	0	0	0	0	0
3653	5479	1890	1895	0	0	0	0	0	0	0	0	0	0	0	0	0
5479	7305	1895	1900	0	0	0	0	0	0	0	0	0	0	0	0	0
7305	9131	1900	1905	0	0	0	0	0	0	0	0	0	0	0	0	0
9131	10957	1905	1910	0	0	0	0	0	0	0	0	0	0	0	0	0
10957	12783	1910	1915	0	0	0	0	0	0	0	0	0	0	0	0	0
12783	14609	1915	1920	0	0	0	0	0	0	0	0	0	0	0	0	0
14609	16436	1920	1925	0	0	0	0	0	0	0	0	0	0	0	0	0
16436	18262	1925	1930	0	0	0	0	0	0	0	0	0	0	0	0	0
18262	20088	1930	1935	0	0	0	0	0	0	0	0	0	0	0	0	0
20088	21914	1935	1940	0	0	0	0	0	0	0	0	0	0	0	0	0
21914	23741	1940	1945	0	0	0	0	0	0	0	0	0	0	0	0	0
23741	25567	1945	1950	0	0	0	0	0	0	0	0	0	0	0	0	0
25567	27393	1950	1955	0	0	0	0	0	0	0	0	0	0	0	0	0
27393	29219	1955	1960	0	0	0	0	0	0	0	0	0	0	0	0	0
29219	31046	1960	1965	0	0	0	0	0	0	0	0	0	0	0	0	0
31046	32872	1965	1970	0	0	0	0	0	0	0	0	0	0	0	0	0
32872	34698	1970	1975	0	0	67	41	0	0	0	0	0	0	0	0	108
34698	36524	1975	1980	0	0	73	46	0	0	0	0	0	0	0	0	119
36524	37255	1980	1982	6	0	85	53	0	0	0	0	0	0	0	0	144
37255	37985	1982	1984	7	0	91	57	0	0	0	0	0	0	0	0	154
37985	38351	1984	1985	7	0	92	58	0	0	0	0	0	0	0	0	157
38351	38716	1985	1986	6	0	78	57	0	0	0	0	0	0	0	0	141
38716	39446	1986	1988	6	0	79	58	0	0	0	0	0	0	0	0	142
39446	39812	1988	1989	6	0	79	59	0	0	0	0	0	0	0	0	144
39812	40177	1989	1990	6	0	80	59	0	0	0	0	0	0	0	0	145
40177	40542	1990	1991	7	0	93	68	0	0	0	0	0	0	0	0	168
40542	40907	1991	1992	8	0	104	76	0	0	0	0	0	0	0	0	188
40907	41273	1992	1993	8	0	111	81	0	0	0	0	0	0	0	0	199
41273	41638	1993	1994	9	0	115	84	0	0	0	0	0	0	0	0	207
41638	42003	1994	1995	9	0	118	86	0	0	0	0	0	0	0	0	213
42003	42368	1995	1996	9	0	120	88	0	0	0	0	0	0	0	0	217
42368	42734	1996	1997	9	0	122	89	0	0	0	0	0	0	0	0	221
42734	43099	1997	1998	10	0	123	91	0	0	0	0	0	0	0	0	224
43099	43464	1998	1999	10	0	125	92	0	0	0	0	0	0	0	0	227
43464	43829	1999	2000	10	0	126	93	0	0	0	0	0	0	0	0	230
43829	44195	2000	2001	5	0	102	66	0	0	0	0	0	0	0	4	177
44195	44560	2001	2002	5	0	101	66	0	0	0	0	0	0	0	10	183
44560	44925	2002	2003	4	0	88	65	1	0	0	0	0	0	0	14	172
44925	45290	2003	2004	4	0	88	66	2	0	0	0	0	0	0	16	176
45290	45656	2004	2005	4	0	83	58	3	0	0	0	0	0	0	18	166
45656	46021	2005	2006	4	0	83	59	3	0	0	0	0	0	0	19	168
46021	46386	2006	2007	4	0	83	59	3	0	0	0	0	0	0	20	170
46386	46751	2007	2008	4	0	84	60	3	0	0	0	0	0	0	20	171
46751	47117	2008	2009	4	0	84	60	3	0	0	0	0	0	0	20	172
47117	47482	2009	2010	4	0	84	60	4	0	0	0	0	0	0	21	173
47482	47847	2010	2011	4	0	84	60	4	0	0	0	0	0	0	21	173
47847	48212	2011	2012	4	0	85	61	4	0	0	0	0	0	0	21	174
48212	48578	2012	2013	4	0	85	61	4	0	0	0	0	0	0	20	175
48578	48943	2013	2014	5	0	85	61	4	0	0	0	0	0	0	20	175

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
0	1	1880	1880	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	1827	1880	1885	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1827	3653	1885	1890	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3653	5479	1890	1895	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5479	7305	1895	1900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7305	9131	1900	1905	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9131	10957	1905	1910	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10957	12783	1910	1915	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12783	14609	1915	1920	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14609	16436	1920	1925	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16436	18262	1925	1930	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18262	20088	1930	1935	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20088	21914	1935	1940	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21914	23741	1940	1945	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23741	25567	1945	1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25567	27393	1950	1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27393	29219	1955	1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29219	31046	1960	1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31046	32872	1965	1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32872	34698	1970	1975	0.0	0.0	1.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
34698	36524	1975	1980	0.0	0.0	1.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
36524	37255	1980	1982	0.1	0.0	1.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
37255	37985	1982	1984	0.1	0.0	1.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
37985	38351	1984	1985	0.1	0.0	1.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
38351	38716	1985	1986	0.1	0.0	1.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
38716	39446	1986	1988	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
39446	39812	1988	1989	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
39812	40177	1989	1990	0.1	0.0	1.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
40177	40542	1990	1991	0.1	0.0	1.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
40542	40907	1991	1992	0.2	0.0	2.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
40907	41273	1992	1993	0.2	0.0	2.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
41273	41638	1993	1994	0.2	0.0	2.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
41638	42003	1994	1995	0.2	0.0	2.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
42003	42368	1995	1996	0.2	0.0	2.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
42368	42734	1996	1997	0.2	0.0	2.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
42734	43099	1997	1998	0.2	0.0	2.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
43099	43464	1998	1999	0.2	0.0	2.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
43464	43829	1999	2000	0.2	0.0	2.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
43829	44195	2000	2001	0.1	0.0	2.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.5
44195	44560	2001	2002	0.1	0.0	2.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	3.7
44560	44925	2002	2003	0.1	0.0	1.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	3.5
44925	45290	2003	2004	0.1	0.0	1.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.6
45290	45656	2004	2005	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.5
45656	46021	2005	2006	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.5
46021	46386	2006	2007	0.1	0.0	1.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.5
46386	46751	2007	2008	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
46751	47117	2008	2009	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
47117	47482	2009	2010	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
47482	47847	2010	2011	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
47847	48212	2011	2012	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
48212	48578	2012	2013	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
48578	48943	2013	2014	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S4 model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
48943	49308	2014	2015	5	0	86	61	4	0	0	0	0	0	0	19	175
49308	49673	2015	2016	9	0	136	89	19	0	0	0	0	0	0	62	314
49673	50039	2016	2017	11	0	161	114	34	0	0	0	0	0	0	93	412
50039	50404	2017	2018	13	0	182	133	48	0	0	0	0	0	0	114	490
50404	50769	2018	2019	16	0	199	151	63	0	0	0	0	0	0	132	561
50769	51134	2019	2020	18	0	214	165	73	0	0	0	0	0	0	147	618
51134	51500	2020	2021	25	0	235	179	82	0	0	0	0	0	0	158	679
51500	51865	2021	2022	32	0	255	193	88	0	0	0	0	0	0	167	736
51865	52230	2022	2023	37	0	271	205	94	0	0	0	0	0	0	175	782
52230	52595	2023	2024	41	0	283	215	100	0	0	0	0	0	0	181	820
52595	52961	2024	2025	44	0	294	224	105	0	0	0	0	0	0	186	852
52961	53326	2025	2026	47	0	304	231	109	0	0	0	0	0	0	191	882
53326	53691	2026	2027	50	0	314	238	112	0	0	0	0	0	0	195	909
53691	54056	2027	2028	52	0	322	245	116	0	0	0	0	0	0	199	934
54056	54422	2028	2029	55	0	330	251	119	0	0	0	0	0	0	202	956
54422	54787	2029	2030	57	0	337	257	121	0	0	0	0	0	0	205	977
54787	55152	2030	2031	59	0	344	262	124	0	0	0	0	0	0	208	997
55152	55517	2031	2032	61	0	354	274	135	0	0	0	0	0	0	212	1037
55517	55883	2032	2033	64	0	365	283	142	0	0	0	0	0	0	217	1070
55883	56248	2033	2034	66	0	374	291	147	0	0	0	0	0	0	221	1099
56248	56613	2034	2035	68	0	382	297	151	0	0	0	0	0	0	226	1124
56613	56978	2035	2036	70	0	389	303	155	0	0	0	0	0	0	229	1147
56978	57344	2036	2037	72	0	396	309	158	0	0	0	0	0	0	232	1167
57344	57709	2037	2038	73	0	402	314	162	0	0	0	0	0	0	235	1186
57709	58074	2038	2039	75	0	407	318	164	0	0	0	0	0	0	238	1203
58074	58439	2039	2040	76	0	413	322	167	0	0	0	0	0	0	241	1219
58439	58805	2040	2041	77	0	417	326	170	0	0	0	0	0	0	243	1233
58805	59170	2041	2042	78	0	422	330	172	0	0	0	0	0	0	245	1247
59170	59535	2042	2043	79	0	426	334	174	0	0	0	0	0	0	247	1260
59535	59900	2043	2044	80	0	430	337	176	0	0	0	0	0	0	249	1273
59900	60266	2044	2045	81	0	434	341	178	0	0	0	0	0	0	251	1284
60266	60631	2045	2046	82	0	437	344	180	0	0	0	0	0	0	253	1296
60631	60996	2046	2047	83	0	441	347	182	0	0	0	0	0	0	254	1306
60996	61361	2047	2048	84	0	444	350	183	0	0	0	0	0	0	256	1317
61361	61727	2048	2049	85	0	447	353	185	0	0	0	0	0	0	257	1326
61727	62092	2049	2050	86	0	450	355	186	0	0	0	0	0	0	259	1336
62092	62457	2050	2051	86	0	453	358	188	0	0	0	0	0	0	260	1345
62457	62822	2051	2052	87	0	456	360	189	0	0	0	0	0	0	262	1354
62822	63188	2052	2053	88	0	458	363	191	0	0	0	0	0	0	263	1363
63188	63553	2053	2054	89	0	461	365	192	0	0	0	0	0	0	264	1371
63553	63918	2054	2055	89	0	464	368	193	0	0	0	0	0	0	266	1380
63918	64283	2055	2056	90	0	466	370	195	0	0	0	0	0	0	267	1388
64283	64649	2056	2057	90	0	469	372	196	0	0	0	0	0	0	268	1395
64649	65014	2057	2058	91	0	471	374	197	0	0	0	0	0	0	269	1403
65014	65379	2058	2059	92	0	473	377	199	0	0	0	0	0	0	270	1411
65379	65744	2059	2060	92	0	476	379	200	0	0	0	0	0	0	272	1418
65744	66110	2060	2061	93	0	478	381	201	0	0	0	0	0	0	273	1425
66110	66475	2061	2062	93	0	480	383	202	0	0	0	0	0	0	274	1432
66475	66840	2062	2063	94	0	482	385	204	0	0	0	0	0	0	275	1439
66840	67205	2063	2064	94	0	484	386	205	0	0	0	0	0	0	276	1445
67205	67571	2064	2065	95	0	486	388	206	0	0	0	0	0	0	277	1452

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
48943	49308	2014	2015	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
49308	49673	2015	2016	0.2	0.0	2.7	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.9	6.8
49673	50039	2016	2017	0.2	0.0	3.2	2.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.9	9.0
50039	50404	2017	2018	0.3	0.0	3.6	2.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	3.5	10.7
50404	50769	2018	2019	0.3	0.0	3.9	2.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	12.3
50769	51134	2019	2020	0.4	0.0	4.2	3.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	4.5	13.5
51134	51500	2020	2021	0.5	0.0	4.6	3.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	4.9	14.8
51500	51865	2021	2022	0.6	0.0	5.0	3.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	5.2	16.0
51865	52230	2022	2023	0.7	0.0	5.3	4.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	5.4	17.0
52230	52595	2023	2024	0.8	0.0	5.6	4.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	5.6	17.8
52595	52961	2024	2025	0.9	0.0	5.8	4.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	5.8	18.4
52961	53326	2025	2026	0.9	0.0	6.0	4.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	5.9	19.1
53326	53691	2026	2027	1.0	0.0	6.2	4.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	6.0	19.6
53691	54056	2027	2028	1.0	0.0	6.4	4.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	6.1	20.1
54056	54422	2028	2029	1.1	0.0	6.5	4.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	6.2	20.6
54422	54787	2029	2030	1.1	0.0	6.7	5.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	6.3	21.0
54787	55152	2030	2031	1.2	0.0	6.8	5.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	21.5
55152	55517	2031	2032	1.2	0.0	7.0	5.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	6.5	22.3
55517	55883	2032	2033	1.3	0.0	7.2	5.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	6.7	22.9
55883	56248	2033	2034	1.3	0.0	7.4	5.7	2.3	0.0	0.0	0.0	0.0	0.0	0.0	6.8	23.5
56248	56613	2034	2035	1.3	0.0	7.5	5.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	7.0	24.1
56613	56978	2035	2036	1.4	0.0	7.7	5.9	2.5	0.0	0.0	0.0	0.0	0.0	0.0	7.1	24.5
56978	57344	2036	2037	1.4	0.0	7.8	6.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	7.2	25.0
57344	57709	2037	2038	1.4	0.0	7.9	6.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	7.3	25.3
57709	58074	2038	2039	1.5	0.0	8.0	6.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0	7.3	25.7
58074	58439	2039	2040	1.5	0.0	8.1	6.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0	7.4	26.0
58439	58805	2040	2041	1.5	0.0	8.2	6.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	7.5	26.3
58805	59170	2041	2042	1.5	0.0	8.3	6.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	7.6	26.6
59170	59535	2042	2043	1.6	0.0	8.4	6.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	7.6	26.9
59535	59900	2043	2044	1.6	0.0	8.5	6.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	7.7	27.1
59900	60266	2044	2045	1.6	0.0	8.6	6.7	2.8	0.0	0.0	0.0	0.0	0.0	0.0	7.7	27.4
60266	60631	2045	2046	1.6	0.0	8.6	6.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	7.8	27.6
60631	60996	2046	2047	1.6	0.0	8.7	6.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	7.8	27.8
60996	61361	2047	2048	1.7	0.0	8.8	6.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	7.9	28.1
61361	61727	2048	2049	1.7	0.0	8.8	6.9	3.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	28.3
61727	62092	2049	2050	1.7	0.0	8.9	6.9	3.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	28.5
62092	62457	2050	2051	1.7	0.0	8.9	7.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	28.7
62457	62822	2051	2052	1.7	0.0	9.0	7.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	28.8
62822	63188	2052	2053	1.7	0.0	9.0	7.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	29.0
63188	63553	2053	2054	1.7	0.0	9.1	7.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	8.2	29.2
63553	63918	2054	2055	1.8	0.0	9.1	7.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	8.2	29.4
63918	64283	2055	2056	1.8	0.0	9.2	7.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	8.2	29.5
64283	64649	2056	2057	1.8	0.0	9.2	7.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	8.3	29.7
64649	65014	2057	2058	1.8	0.0	9.3	7.3	3.2	0.0	0.0	0.0	0.0	0.0	0.0	8.3	29.9
65014	65379	2058	2059	1.8	0.0	9.3	7.4	3.2	0.0	0.0	0.0	0.0	0.0	0.0	8.3	30.0
65379	65744	2059	2060	1.8	0.0	9.4	7.4	3.2	0.0	0.0	0.0	0.0	0.0	0.0	8.4	30.2
65744	66110	2060	2061	1.8	0.0	9.4	7.4	3.2	0.0	0.0	0.0	0.0	0.0	0.0	8.4	30.3
66110	66475	2061	2062	1.8	0.0	9.5	7.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	8.4	30.5
66475	66840	2062	2063	1.9	0.0	9.5	7.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	8.5	30.6
66840	67205	2063	2064	1.9	0.0	9.5	7.5	3.3	0.0	0.0	0.0	0.0	0.0	0.0	8.5	30.7
67205	67571	2064	2065	1.9	0.0	9.6	7.6	3.3	0.0	0.0	0.0	0.0	0.0	0.0	8.5	30.9

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S4 model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
67571	67936	2065	2066	95	0	488	390	207	0	0	0	0	0	0	278	1458
67936	68301	2066	2067	96	0	490	392	208	0	0	0	0	0	0	279	1464
68301	68666	2067	2068	96	0	492	393	209	0	0	0	0	0	0	280	1470
68666	69032	2068	2069	97	0	494	395	210	0	0	0	0	0	0	281	1476
69032	69397	2069	2070	97	0	495	397	211	0	0	0	0	0	0	282	1482
69397	69762	2070	2071	98	0	497	398	212	0	0	0	0	0	0	283	1487
69762	70127	2071	2072	98	0	499	400	213	0	0	0	0	0	0	284	1493
70127	70493	2072	2073	98	0	500	401	214	0	0	0	0	0	0	284	1498
70493	70858	2073	2074	99	0	502	403	215	0	0	0	0	0	0	285	1503
70858	71223	2074	2075	99	0	503	404	215	0	0	0	0	0	0	286	1508
71223	71588	2075	2076	100	0	505	405	216	0	0	0	0	0	0	287	1513
71588	71954	2076	2077	100	0	506	407	217	0	0	0	0	0	0	288	1518
71954	72319	2077	2078	100	0	508	408	218	0	0	0	0	0	0	288	1522
72319	72684	2078	2079	101	0	509	409	219	0	0	0	0	0	0	289	1527
72684	73049	2079	2080	101	0	510	411	220	0	0	0	0	0	0	290	1531
73049	73415	2080	2081	101	0	512	412	220	0	0	0	0	0	0	291	1536
73415	73780	2081	2082	102	0	513	413	221	0	0	0	0	0	0	291	1540
73780	74145	2082	2083	102	0	514	414	222	0	0	0	0	0	0	292	1544
74145	74510	2083	2084	102	0	515	415	222	0	0	0	0	0	0	293	1548
74510	74876	2084	2085	102	0	517	416	223	0	0	0	0	0	0	293	1552
74876	75241	2085	2086	103	0	518	417	224	0	0	0	0	0	0	294	1556
75241	75606	2086	2087	103	0	519	418	224	0	0	0	0	0	0	295	1559
75606	75971	2087	2088	103	0	520	419	225	0	0	0	0	0	0	295	1563
75971	76337	2088	2089	104	0	521	420	226	0	0	0	0	0	0	296	1567
76337	76702	2089	2090	104	0	522	421	226	0	0	0	0	0	0	297	1570
76702	77067	2090	2091	104	0	523	422	227	0	0	0	0	0	0	297	1574
77067	77432	2091	2092	104	0	524	423	227	0	0	0	0	0	0	298	1577
77432	77798	2092	2093	104	0	525	424	228	0	0	0	0	0	0	298	1580
77798	78163	2093	2094	105	0	526	425	229	0	0	0	0	0	0	299	1583
78163	78528	2094	2095	105	0	527	426	229	0	0	0	0	0	0	299	1586
78528	78893	2095	2096	105	0	528	427	230	0	0	0	0	0	0	300	1589
78893	79259	2096	2097	105	0	528	428	230	0	0	0	0	0	0	300	1592
79259	79624	2097	2098	106	0	529	428	231	0	0	0	0	0	0	301	1595
79624	79989	2098	2099	106	0	530	429	231	0	0	0	0	0	0	301	1598
79989	80354	2099	2100	106	0	531	430	232	0	0	0	0	0	0	302	1601
80354	80719	2100	2101	106	0	532	431	232	0	0	0	0	0	1	302	1604
80719	81084	2101	2102	106	0	532	431	233	0	0	0	0	0	1	303	1606
81084	81449	2102	2103	107	0	533	432	233	0	0	0	0	0	1	303	1609
81449	81814	2103	2104	107	0	534	433	234	0	0	0	0	0	1	304	1611
81814	82180	2104	2105	107	0	535	433	234	0	0	0	0	0	1	304	1614
82180	82545	2105	2106	107	0	535	434	234	0	0	0	0	0	1	305	1616
82545	82910	2106	2107	107	0	536	435	235	0	0	0	0	0	1	305	1619
82910	83275	2107	2108	107	0	537	435	235	0	0	0	0	0	1	305	1621
83275	83641	2108	2109	108	0	537	436	236	0	0	0	0	0	1	306	1623
83641	84006	2109	2110	108	0	538	437	236	0	0	0	0	0	1	306	1625
84006	84371	2110	2111	108	0	539	437	236	0	0	0	0	0	1	307	1628
84371	84736	2111	2112	108	0	539	438	237	0	0	0	0	0	1	307	1630
84736	85102	2112	2113	108	0	540	438	237	0	0	0	0	0	1	307	1632
85102	85467	2113	2114	108	0	541	439	238	0	0	0	0	0	1	308	1634

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
67571	67936	2065	2066	1.9	0.0	9.6	7.6	3.3	0.0	0.0	0.0	0.0	0.0	0.0	8.6	31.0
67936	68301	2066	2067	1.9	0.0	9.7	7.7	3.3	0.0	0.0	0.0	0.0	0.0	0.0	8.6	31.1
68301	68666	2067	2068	1.9	0.0	9.7	7.7	3.3	0.0	0.0	0.0	0.0	0.0	0.0	8.6	31.3
68666	69032	2068	2069	1.9	0.0	9.7	7.7	3.4	0.0	0.0	0.0	0.0	0.0	0.0	8.7	31.4
69032	69397	2069	2070	1.9	0.0	9.8	7.7	3.4	0.0	0.0	0.0	0.0	0.0	0.0	8.7	31.5
69397	69762	2070	2071	1.9	0.0	9.8	7.8	3.4	0.0	0.0	0.0	0.0	0.0	0.0	8.7	31.6
69762	70127	2071	2072	1.9	0.0	9.8	7.8	3.4	0.0	0.0	0.0	0.0	0.0	0.0	8.7	31.7
70127	70493	2072	2073	1.9	0.0	9.9	7.8	3.4	0.0	0.0	0.0	0.0	0.0	0.0	8.8	31.8
70493	70858	2073	2074	1.9	0.0	9.9	7.9	3.4	0.0	0.0	0.0	0.0	0.0	0.0	8.8	31.9
70858	71223	2074	2075	2.0	0.0	9.9	7.9	3.4	0.0	0.0	0.0	0.0	0.0	0.0	8.8	32.0
71223	71588	2075	2076	2.0	0.0	10.0	7.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	8.9	32.1
71588	71954	2076	2077	2.0	0.0	10.0	7.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	8.9	32.2
71954	72319	2077	2078	2.0	0.0	10.0	8.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	8.9	32.3
72319	72684	2078	2079	2.0	0.0	10.0	8.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	8.9	32.4
72684	73049	2079	2080	2.0	0.0	10.1	8.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	8.9	32.5
73049	73415	2080	2081	2.0	0.0	10.1	8.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	9.0	32.6
73415	73780	2081	2082	2.0	0.0	10.1	8.1	3.5	0.0	0.0	0.0	0.0	0.0	0.0	9.0	32.7
73780	74145	2082	2083	2.0	0.0	10.1	8.1	3.5	0.0	0.0	0.0	0.0	0.0	0.0	9.0	32.8
74145	74510	2083	2084	2.0	0.0	10.2	8.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	9.0	32.9
74510	74876	2084	2085	2.0	0.0	10.2	8.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	9.1	33.0
74876	75241	2085	2086	2.0	0.0	10.2	8.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	9.1	33.0
75241	75606	2086	2087	2.0	0.0	10.2	8.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	9.1	33.1
75606	75971	2087	2088	2.0	0.0	10.3	8.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	9.1	33.2
75971	76337	2088	2089	2.0	0.0	10.3	8.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	9.1	33.3
76337	76702	2089	2090	2.0	0.0	10.3	8.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	9.1	33.3
76702	77067	2090	2091	2.1	0.0	10.3	8.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	9.2	33.4
77067	77432	2091	2092	2.1	0.0	10.3	8.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	9.2	33.5
77432	77798	2092	2093	2.1	0.0	10.4	8.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	9.2	33.5
77798	78163	2093	2094	2.1	0.0	10.4	8.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0	9.2	33.6
78163	78528	2094	2095	2.1	0.0	10.4	8.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0	9.2	33.7
78528	78893	2095	2096	2.1	0.0	10.4	8.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0	9.3	33.7
78893	79259	2096	2097	2.1	0.0	10.4	8.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0	9.3	33.8
79259	79624	2097	2098	2.1	0.0	10.4	8.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0	9.3	33.9
79624	79989	2098	2099	2.1	0.0	10.5	8.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0	9.3	33.9
79989	80354	2099	2100	2.1	0.0	10.5	8.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0	9.3	34.0
80354	80719	2100	2101	2.1	0.0	10.5	8.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0	9.3	34.0
80719	81084	2101	2102	2.1	0.0	10.5	8.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0	9.3	34.1
81084	81449	2102	2103	2.1	0.0	10.5	8.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0	9.4	34.1
81449	81814	2103	2104	2.1	0.0	10.5	8.5	3.7	0.0	0.0	0.0	0.0	0.0	0.0	9.4	34.2
81814	82180	2104	2105	2.1	0.0	10.5	8.5	3.7	0.0	0.0	0.0	0.0	0.0	0.0	9.4	34.2
82180	82545	2105	2106	2.1	0.0	10.6	8.5	3.7	0.0	0.0	0.0	0.0	0.0	0.0	9.4	34.3
82545	82910	2106	2107	2.1	0.0	10.6	8.5	3.7	0.0	0.0	0.0	0.0	0.0	0.0	9.4	34.3
82910	83275	2107	2108	2.1	0.0	10.6	8.5	3.8	0.0	0.0	0.0	0.0	0.0	0.0	9.4	34.4
83275	83641	2108	2109	2.1	0.0	10.6	8.5	3.8	0.0	0.0	0.0	0.0	0.0	0.0	9.4	34.4
83641	84006	2109	2110	2.1	0.0	10.6	8.5	3.8	0.0	0.0	0.0	0.0	0.0	0.0	9.4	34.5
84006	84371	2110	2111	2.1	0.0	10.6	8.5	3.8	0.0	0.0	0.0	0.0	0.0	0.0	9.5	34.5
84371	84736	2111	2112	2.1	0.0	10.6	8.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	9.5	34.6
84736	85102	2112	2113	2.1	0.0	10.6	8.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	9.5	34.6
85102	85467	2113	2114	2.1	0.0	10.7	8.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	9.5	34.7

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S4 model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																																
0	1	1880	1880	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
1	1827	1880	1885	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
1827	3653	1885	1890	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
3653	5479	1890	1895	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
5479	7305	1895	1900	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
7305	9131	1900	1905	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
9131	10957	1905	1910	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
10957	12783	1910	1915	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
12783	14609	1915	1920	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
14609	16436	1920	1925	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
16436	18262	1925	1930	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
18262	20088	1930	1935	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
20088	21914	1935	1940	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
21914	23741	1940	1945	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
23741	25567	1945	1950	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	42	96
25567	27393	1950	1955	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	44	98
27393	29219	1955	1960	0	0	0	1	26	8	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	45	99
29219	31046	1960	1965	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	0	0	0	0	5	45	122
31046	32872	1965	1970	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	0	0	0	6	45	126
32872	34698	1970	1975	0	0	0	1	28	9	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	16	0	0	0	1	58	45	253
34698	36524	1975	1980	0	0	0	1	35	13	32	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	84	22	0	0	0	5	80	46	323
36524	37255	1980	1982	0	0	1	2	83	45	141	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	119	43	5	0	34	10	128	47	671
37255	37985	1982	1984	0	0	1	3	98	51	157	10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	131	50	6	0	36	16	148	48	768
37985	38351	1984	1985	0	0	1	3	102	51	157	11	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	131	53	6	0	36	18	150	49	782
38351	38716	1985	1986	0	0	1	5	191	83	221	14	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	132	54	6	0	36	20	160	51	988
38716	39446	1986	1988	1	0	3	9	269	113	286	22	1	0	0	0	0	0	0	0	0	1	0	0	0	3	13	132	56	6	0	36	29	183	56	1218
39446	39812	1988	1989	1	0	4	10	287	118	296	24	1	0	0	0	0	0	0	0	0	1	0	0	0	4	14	130	57	6	0	36	32	188	60	1269
39812	40177	1989	1990	2	0	5	10	298	121	301	25	2	0	0	0	0	0	0	0	1	2	0	0	0	4	13	126	57	6	0	36	35	189	64	1298
40177	40542	1990	1991	16	0	5	12	323	142	414	34	2	0	0	0	0	0	0	0	1	2	0	0	0	4	14	149	71	7	0	37	37	201	152	1623
40542	40907	1991	1992	21	0	6	12	337	148	428	37	2	0	0	0	0	0	0	0	1	2	0	0	0	5	16	159	79	7	0	39	40	214	173	1727
40907	41273	1992	1993	23	0	7	13	346	151	436	39	3	0	0	0	0	0	0	0	1	2	0	0	0	6	18	165	84	8	0	41	43	224	184	1795
41273	41638	1993	1994	25	0	8	14	353	154	443	41	3	0	0	0	0	0	0	0	1	3	0	0	0	6	19	170	88	8	0	42	46	232	192	1846
41638	42003	1994	1995	26	0	8	14	359	156	447	42	3	0	0	0	0	0	0	0	1	3	0	0	0	6	20	174	91	8	0	43	47	238	193	1882
42003	42368	1995	1996	27	0	9	15	397	167	461	43	4	0	0	0	0	0	0	0	1	3	0	0	0	7	21	177	93	8	0	43	49	244	238	2008
42368	42734	1996	1997	28	0	9	16	404	170	467	43	4	0	0	0	0	0	0	0	1	3	0	0	0	7	21	180	95	9	0	44	50	248	250	2051
42734	43099	1997	1998	29	0	9	16	409	172	471	44	4	0	0	0	0	0	0	0	2	3	0	0	0	7	22	182	97	9	0	44	51	252	257	2082
43099	43464	1998	1999	29	0	10	17	413	173	474	45	4	0	0	0	0	0	0	0	2	3	0	0	0	7	22	182	98	9	0	44	52	253	262	2100
43464	43829	1999	2000	30	0	10	17	416	175	477	45	4	0	0	0	0	0	0	0	2	3	0	0	0	8	22	183	99	9	0	45	53	254	266	2117
43829	44195	2000	2001	30	0	10	18	444	181	482	46	4	0	0	0	0	0	0	1	2	4	0	0	0	8	23	190	123	8	0	31	53	259	259	2175
44195	44560	2001	2002	30	0	11	18	460	186	491	46	5	0	0	0	0	0	0	1	2	4	0	0	0	8	23	194	130	8	0	31	54	262	249	2211
44560	44925	2002	2003	30	0	11	16	354	137	324	37	4	0	0	0	0	0	0	1	2	4	0	0	0	8	23	193	132	8	0	31	54	250	238	1857
44925	45290	2003	2004	29	0	11	14	301	114	268	31	4	0	0	0	0	0	0	1	2	3	0	0	0	8	21	189	133	8	0	31	49	226	226	1667
45290	45656	2004	2005	27	0	10	13	274	102	238	26	3	0	0	0	0	0	0	0	1	3	0	0	0	7	18	183	133	8	0	31	43	203	221	1545
45656	46021	2005	2006	25	0	9	12	257	95	220	23	2	0	0	0	0	0	0	0	1	3	0	0	0	6	15	176	133	8	0	31	38	184	230	1470
46021	46386	2006	2007	24	0	9	12	246	90	208	21	2	0	0	0	0	0	0	0	1	2	0	0	0	5	13	168	132	8	0	31	35	171	229	1407
46386	46751	2007	2008	23	0	9	11	239	86	198	19	2	0	0	0	0	0	0	0	1	2	0	0	0	4	10	161	132	8	0	31	32	158	223	1349
46751	47117	2008	2009	22	0	9	11	232	83	189	18	1	0	0	0	0	0	0	0	1	2	0	0	0	4	8	153	131	8	0	31	30	147	214	1293
47117	47482	2009	2010	21	0	9	11	226	80	180	17	1	0	0	0	0	0	0	0	0	1	0	0	0	3	6	146	130	8	0	31	28	135	201	1234
47482	47847	2010	2011	20	0	9	11	221	77	173	16	1	0	0	0	0	0	0	0	0	1	0	0	0	3	4	139	129	8	0	31	26	126	196	1192
47847	48212	2011	2012	19	0	9	11	223	78	178	15	1	0	0	0	0	0	0	0	0	1	0	0	0	2	3	145	136	9	0	35	25	122	197	1209
48212	48578	2012	2013	19	0	9	10	221	77	175	15	1	0	0	0	0	0	0	0	0	1	0	0	0	2	3	146	139	9	0	35	24	119	196	1201
48578	48943	2013	2014	19	0	8	10	220	76	173	14	1	0	0	0	0	0	0	0	0	1	0	0	0	2	3	146	140	9	0	35	23	116	196	1194

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (S4 model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																																
48943	49308	2014	2015	19	0	8	10	219	76	172	14	1	0	0	0	0	0	0	0	0	1	0	0	0	2	3	146	140	9	0	35	22	115	195	1188
49308	49673	2015	2016	19	0	8	10	218	76	171	14	1	0	0	0	0	0	0	0	0	1	0	0	0	2	2	147	144	10	0	40	22	115	207	1207
49673	50039	2016	2017	19	0	8	10	220	77	173	14	1	0	0	0	0	0	0	0	0	1	0	0	0	2	3	150	152	11	0	44	22	121	219	1246
50039	50404	2017	2018	19	0	8	11	223	78	176	14	1	0	0	0	0	0	0	0	0	1	0	0	0	2	4	156	159	12	0	47	23	127	229	1292
50404	50769	2018	2019	19	0	9	11	229	80	181	15	1	0	0	0	0	0	0	0	0	1	0	0	0	3	5	162	167	13	0	50	24	135	239	1343
50769	51134	2019	2020	20	0	9	11	235	83	186	16	1	0	0	0	0	0	0	0	0	1	0	0	0	3	7	169	174	13	0	52	26	142	247	1394
51134	51500	2020	2021	21	0	9	12	256	92	203	17	1	0	0	0	0	0	0	0	0	1	0	0	0	4	8	180	194	16	0	60	28	152	256	1511
51500	51865	2021	2022	24	0	10	13	279	101	222	19	1	0	0	0	0	0	0	0	0	2	0	0	0	4	11	196	216	18	0	67	30	166	268	1646
51865	52230	2022	2023	26	0	11	14	299	109	238	21	2	0	0	0	0	0	0	0	1	2	0	0	0	5	13	212	233	19	0	71	33	183	279	1770
52230	52595	2023	2024	28	0	12	15	316	116	253	23	2	0	0	0	0	0	0	0	1	2	0	0	0	6	16	227	245	20	0	74	36	200	289	1881
52595	52961	2024	2025	30	0	13	16	331	121	265	25	2	0	0	0	0	0	0	0	1	3	0	0	0	7	19	248	265	21	0	77	40	219	300	2004
52961	53326	2025	2026	31	0	14	18	355	137	319	30	3	0	0	0	0	0	0	0	1	3	0	0	0	8	23	273	284	22	0	80	44	245	312	2203
53326	53691	2026	2027	33	0	15	19	378	147	342	34	3	0	0	0	0	0	0	0	2	4	0	0	0	9	27	296	300	23	0	83	49	273	359	2395
53691	54056	2027	2028	35	0	16	20	398	155	360	37	4	0	0	0	0	0	0	1	2	4	0	0	0	11	31	316	313	24	0	85	55	299	380	2546
54056	54422	2028	2029	37	0	17	22	419	162	379	40	5	0	0	0	0	0	0	1	2	5	0	0	0	12	35	334	325	25	0	88	60	323	397	2688
54422	54787	2029	2030	40	0	18	23	438	169	394	43	6	0	0	0	0	0	0	1	2	5	0	0	1	13	38	351	335	26	0	90	64	345	412	2814
54787	55152	2030	2031	42	0	20	24	455	176	408	46	6	0	0	0	0	0	0	1	3	6	0	0	1	14	42	366	345	26	0	92	68	364	425	2929
55152	55517	2031	2032	44	0	21	25	470	182	420	48	7	0	0	0	0	0	0	2	3	6	0	0	1	15	45	380	354	27	0	94	72	382	437	3035
55517	55883	2032	2033	45	0	22	26	484	187	432	50	8	0	0	0	0	0	0	2	3	7	0	0	1	16	47	393	364	28	0	96	76	399	448	3135
55883	56248	2033	2034	47	0	22	27	497	192	443	52	8	0	0	0	0	0	0	2	4	7	0	0	1	17	50	406	373	28	0	98	79	414	458	3228
56248	56613	2034	2035	48	0	23	28	508	196	453	54	9	0	0	0	0	0	0	2	4	8	0	0	1	18	52	418	382	29	0	100	82	428	468	3313
56613	56978	2035	2036	49	0	24	29	519	200	462	56	10	0	0	0	0	0	0	3	4	8	0	0	1	19	54	428	389	30	0	102	85	441	480	3394
56978	57344	2036	2037	50	0	25	30	529	205	471	58	10	1	0	0	0	0	0	3	4	8	0	0	1	20	56	438	396	30	0	103	88	453	491	3471
57344	57709	2037	2038	51	0	25	31	539	208	479	59	11	1	0	0	0	0	0	3	4	9	0	0	1	21	58	448	403	31	0	105	90	465	501	3543
57709	58074	2038	2039	52	0	26	31	549	212	487	61	11	1	0	0	0	0	0	3	5	9	0	0	2	21	60	456	409	31	0	106	93	475	511	3611
58074	58439	2039	2040	53	0	26	32	558	216	495	62	12	1	0	0	0	0	0	3	5	9	0	0	2	22	61	464	414	32	0	107	95	485	521	3676
58439	58805	2040	2041	54	0	27	33	567	219	502	63	12	1	0	0	0	0	0	3	5	10	0	0	2	22	63	472	420	32	0	108	97	495	530	3738
58805	59170	2041	2042	55	0	28	33	576	223	510	65	12	1	0	0	0	0	0	4	5	10	0	0	2	23	65	479	424	33	0	109	99	504	539	3798
59170	59535	2042	2043	56	0	28	34	584	226	517	66	13	1	0	0	0	0	0	4	5	10	0	0	2	23	66	486	429	33	0	110	101	513	547	3855
59535	59900	2043	2044	57	0	29	35	592	229	523	67	13	1	0	0	0	0	1	4	6	11	0	0	2	24	67	492	433	33	0	111	103	521	556	3910
59900	60266	2044	2045	58	0	29	35	600	232	530	68	14	1	0	0	0	0	1	4	6	11	0	0	2	24	69	499	438	34	0	112	104	529	564	3963
60266	60631	2045	2046	59	0	30	36	608	235	536	69	14	1	0	0	0	0	1	4	6	11	0	0	2	25	70	505	442	34	0	113	106	537	572	4014
60631	60996	2046	2047	59	0	30	37	615	238	542	70	14	1	0	0	0	0	1	4	6	11	0	0	2	25	71	510	445	34	0	114	108	544	580	4064
60996	61361	2047	2048	60	0	31	37	622	241	548	71	15	1	0	0	0	0	1	4	6	11	0	0	2	26	72	516	449	35	0	114	109	551	588	4111
61361	61727	2048	2049	61	0	31	38	629	243	554	72	15	1	0	0	0	0	1	4	6	12	0	0	2	26	73	521	453	35	0	115	111	558	595	4158
61727	62092	2049	2050	61	0	32	38	636	246	559	73	15	1	0	0	0	0	1	5	7	12	0	0	2	27	74	526	456	35	0	116	112	565	603	4202
62092	62457	2050	2051	62	0	32	39	642	248	564	74	16	1	0	0	0	0	1	5	7	12	0	0	3	27	75	531	459	35	0	117	114	571	610	4245
62457	62822	2051	2052	63	0	32	39	648	251	570	75	16	1	0	0	0	0	1	5	7	12	0	0	3	27	76	536	463	36	0	117	115	577	617	4287
62822	63188	2052	2053	63	0	33	40	654	253	574	76	16	1	0	0	0	0	1	5	7	12	0	0	3	28	77	540	466	36	0	118	116	583	624	4327
63188	63553	2053	2054	64	0	33	40	660	255	579	77	17	2	0	0	0	0	1	5	7	13	0	0	3	28	78	545	469	36	0	119	118	589	630	4366
63553	63918	2054	2055	65	0	34	41	665	257	584	78	17	2	0	0	0	0	1	5	7	13	0	0	3	29	79	549	472	36	0	119	119	594	637	4403
63918	64283	2055	2056	65	0	34	41	671	259	588	78	17	2	0	0	0	0	1	5	7	13	0	0	3	29	80	553	475	37	0	120	120	600	643	4440
64283	64649	2056	2057	66	0	34	41	676	261	592	79	18	2	0	0	0	0	1	5	7	13	0	0	3	29	80	557	477	37	0	120	121	605	649	4474
64649	65014	2057	2058	66	0	35	42	681	263	596	80	18	2	0	0	0	0	1	5	7	13	0	0	3	29	81	561	480	37	0	121	122	610	655	4508
65014	65379	2058	2059	67	0	35	42	685	265	600	81	18	2	0	0	0	0	1	6	8	13	0	0	3	30	82	565	482	37	0	121	123	614	661	4540
65379	65744	2059	2060	67	0	35	43	690	266	604	81	18	2	0	0	0	0	1	6	8	14	0	0	3	30	83	568	485	37	0	122	124	619	666	4571
65744	66110	2060	2061	68	0	36	43	694	268	607	82	18	2	0	0	0	0	1	6	8	14	0	0	3	30	83	572	487	38	0	123	125	623	671	4601
66110	66475	2061	2062	70	0	36	43	698	270	611	82	19	2	0	0	0	0	1	6	8	14	0	0	3	31	84	577	490	38	0	123	126	628	682	4640
66475	66840	2062	2063	70	0	36	44	702	271	614	83	19	2	0	0	0	0	1	6	8	14	0	0	3	31	85	580	492	38	0	123	127	632	686	4669
66840	67205	2063	2064	71	0	36	44	706	273	617	84	19	2	0	0	0	0	1	6	8	14	0	0	3	31	85	583	494	38	0	124	128	636	691	4696
67205	67571	2064	2065	71	0	37	44	710	274	620	84	19	2	0	0	0	0	1	6	8	14	0	0	3	31	86	586	496	38	0	124	129	640	696	4722

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (S4 model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																																
67571	67936	2065	2066	72	0	37	45	714	276	623	85	19	2	0	0	0	0	1	6	8	14	0	0	3	32	86	589	498	38	0	125	129	643	700	4747
67936	68301	2066	2067	72	0	37	45	717	277	626	85	20	2	0	0	0	0	1	6	8	14	0	0	3	32	87	592	500	39	0	125	130	647	705	4771
68301	68666	2067	2068	72	0	37	45	720	278	629	86	20	2	0	0	0	0	1	6	8	15	0	0	3	32	87	595	502	39	0	126	131	650	709	4794
68666	69032	2068	2069	73	0	38	46	724	279	631	86	20	2	0	0	0	0	1	6	8	15	0	0	3	32	88	597	504	39	0	126	132	653	713	4816
69032	69397	2069	2070	73	0	38	46	727	281	634	87	20	2	0	0	0	0	1	6	8	15	0	0	4	32	88	600	506	39	0	126	132	656	717	4838
69397	69762	2070	2071	74	0	38	46	730	282	636	87	20	2	0	0	0	0	1	6	9	15	0	0	4	32	89	602	508	39	0	127	133	659	721	4859
69762	70127	2071	2072	74	0	38	46	732	283	638	87	20	2	0	0	0	0	1	6	9	15	0	0	4	33	89	604	509	39	0	127	134	662	724	4879
70127	70493	2072	2073	74	0	38	46	735	284	641	88	21	2	0	0	0	0	1	6	9	15	0	0	4	33	90	606	511	40	0	128	134	664	728	4898
70493	70858	2073	2074	75	0	39	47	738	285	643	88	21	2	0	0	0	0	1	7	9	15	0	0	4	33	90	609	513	40	0	128	135	667	731	4917
70858	71223	2074	2075	75	0	39	47	740	286	645	89	21	3	0	0	0	0	1	7	9	15	0	0	4	33	90	611	514	40	0	128	135	670	735	4935
71223	71588	2075	2076	75	0	39	47	743	287	647	89	21	3	0	0	0	0	1	7	9	15	0	0	4	33	91	613	516	40	0	129	136	672	738	4953
71588	71954	2076	2077	75	0	39	47	745	288	649	89	21	3	0	0	0	0	1	7	9	15	0	0	4	33	91	615	517	40	0	129	136	674	741	4970
71954	72319	2077	2078	76	0	39	48	748	289	651	90	21	3	0	0	0	0	1	7	9	15	0	0	4	34	92	616	518	40	0	129	137	676	744	4986
72319	72684	2078	2079	76	0	40	48	750	290	653	90	21	3	0	0	0	0	1	7	9	16	0	0	4	34	92	618	520	40	0	130	137	679	747	5002
72684	73049	2079	2080	76	0	40	48	752	290	654	90	22	3	0	0	0	0	1	7	9	16	0	0	4	34	92	620	521	40	0	130	138	681	750	5017
73049	73415	2080	2081	76	0	40	48	754	291	656	90	22	3	0	0	0	0	1	7	9	16	0	0	4	34	93	622	522	40	0	130	138	683	753	5032
73415	73780	2081	2082	77	0	40	48	756	292	658	91	22	3	0	0	0	0	1	7	9	16	0	0	4	34	93	623	524	41	0	130	139	685	755	5046
73780	74145	2082	2083	77	0	40	48	758	293	659	91	22	3	0	0	0	0	1	7	9	16	0	0	4	34	93	625	525	41	0	131	139	686	758	5060
74145	74510	2083	2084	77	0	40	49	760	293	661	91	22	3	0	0	0	0	1	7	9	16	0	0	4	34	93	626	526	41	0	131	140	688	760	5073
74510	74876	2084	2085	77	0	40	49	762	294	662	92	22	3	0	0	0	0	1	7	9	16	0	0	4	34	94	628	527	41	0	131	140	690	763	5086
74876	75241	2085	2086	77	0	41	49	764	295	664	92	22	3	0	0	0	0	1	7	9	16	0	0	4	35	94	629	528	41	0	131	140	692	765	5099
75241	75606	2086	2087	78	0	41	49	765	295	665	92	22	3	0	0	0	0	1	7	9	16	0	0	4	35	94	631	529	41	0	132	141	693	767	5111
75606	75971	2087	2088	78	0	41	49	767	296	667	92	22	3	0	0	0	0	1	7	9	16	0	0	4	35	94	632	530	41	0	132	141	695	770	5123
75971	76337	2088	2089	78	0	41	49	769	297	668	93	22	3	0	0	0	0	1	7	9	16	0	0	4	35	95	633	531	41	0	132	141	697	772	5134
76337	76702	2089	2090	78	0	41	49	770	297	669	93	23	3	0	0	0	0	1	7	9	16	0	0	4	35	95	635	532	41	0	132	142	698	774	5146
76702	77067	2090	2091	78	0	41	50	772	298	670	93	23	3	0	0	0	0	1	7	9	16	0	0	4	35	95	636	533	41	0	133	142	700	776	5156
77067	77432	2091	2092	79	0	41	50	773	298	672	93	23	3	0	0	0	0	1	7	9	16	0	0	4	35	95	637	534	41	0	133	142	701	778	5167
77432	77798	2092	2093	79	0	41	50	775	299	673	93	23	3	0	0	0	0	1	7	9	16	0	0	4	35	96	638	535	41	0	133	143	702	780	5177
77798	78163	2093	2094	79	0	41	50	776	300	674	94	23	3	0	0	0	0	1	7	9	16	0	0	4	35	96	639	536	42	0	133	143	704	782	5187
78163	78528	2094	2095	79	0	42	50	777	300	675	94	23	3	0	0	0	0	1	7	10	16	0	0	4	35	96	641	537	42	0	133	143	705	784	5197
78528	78893	2095	2096	79	0	42	50	779	301	676	94	23	3	0	0	0	0	1	7	10	17	0	0	4	36	96	642	538	42	0	134	144	706	785	5206
78893	79259	2096	2097	79	0	42	50	780	301	677	94	23	3	0	0	0	0	1	7	10	17	0	0	4	36	96	643	539	42	0	134	144	707	787	5215
79259	79624	2097	2098	79	0	42	50	781	301	678	94	23	3	0	0	0	0	1	7	10	17	0	0	4	36	97	644	539	42	0	134	144	709	789	5224
79624	79989	2098	2099	80	0	42	50	782	302	679	94	23	3	0	0	0	0	1	7	10	17	0	0	4	36	97	645	540	42	0	134	144	710	790	5233
79989	80354	2099	2100	80	0	42	51	784	302	680	95	23	3	0	0	0	0	1	7	10	17	0	0	4	36	97	646	541	42	0	134	145	711	792	5241
80354	80719	2100	2101	80	0	42	51	785	303	681	95	23	3	0	0	0	0	1	7	10	17	0	0	4	36	97	647	542	42	0	134	145	712	794	5249
80719	81084	2101	2102	80	0	42	51	786	303	682	95	23	3	0	0	0	0	1	7	10	17	0	0	4	36	97	648	542	42	0	135	145	713	795	5257
81084	81449	2102	2103	80	0	42	51	787	304	683	95	23	3	0	0	0	0	1	7	10	17	0	0	4	36	97	648	543	42	0	135	145	714	796	5265
81449	81814	2103	2104	80	0	42	51	788	304	683	95	24	3	0	0	0	0	1	7	10	17	0	0	4	36	98	649	544	42	0	135	146	715	798	5273
81814	82180	2104	2105	80	0	42	51	789	304	684	95	24	3	0	0	0	0	1	7	10	17	0	0	4	36	98	650	544	42	0	135	146	716	799	5280
82180	82545	2105	2106	80	0	43	51	790	305	685	96	24	3	0	0	0	0	1	7	10	17	0	0	4	36	98	651	545	42	0	135	146	717	801	5287
82545	82910	2106	2107	81	0	43	51	791	305	686	96	24	3	0	0	0	0	1	7	10	17	0	0	4	36	98	652	546	42	0	135	146	718	802	5294
82910	83275	2107	2108	81	0	43	51	792	306	687	96	24	3	0	0	0	0	1	7	10	17	0	0	4	36	98	653	546	42	0	136	146	719	803	5301
83275	83641	2108	2109	81	0	43	51	793	306	687	96	24	3	0	0	0	0	1	8	10	17	0	0	4	36	98	653	547	42	0	136	147	720	805	5308
83641	84006	2109	2110	81	0	43	51	794	306	688	96	24	3	0	0	0	0	1	8	10	17	0	0	4	36	98	654	547	43	0	136	147	721	806	5314
84006	84371	2110	2111	81	0	43	52	794	307	689	96	24	3	0	0	0	0	1	8	10	17	0	0	4	37	99	655	548	43	0	136	147	721	807	5321
84371	84736	2111	2112	81	0	43	52	795	307	689	96	24	3	0	0	0	0	1	8	10	17	0	0	4	37	99	656	549	43	0	136	147	722	808	5327
84736	85102	2112	2113	81	0	43	52	796	307	690	96	24	3	0	0	0	0	1	8	10	17	0	0	4	37	99	656	549	43	0	136	147	723	809	5333
85102	85467	2113	2114	81	0	43	52	797	308	691	97	24	3	0	0	0	0	1	8	10	17	0	0	4	37	99	657	550	43	0	136	147	724	810	5339

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (S4 model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																																
0	1	1880	1880	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
1	1827	1880	1885	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
1827	3653	1885	1890	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
3653	5479	1890	1895	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
5479	7305	1895	1900	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
7305	9131	1900	1905	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
9131	10957	1905	1910	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
10957	12783	1910	1915	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
12783	14609	1915	1920	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
14609	16436	1920	1925	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
16436	18262	1925	1930	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
18262	20088	1930	1935	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
20088	21914	1935	1940	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
21914	23741	1940	1945	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
23741	25567	1945	1950	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
25567	27393	1950	1955	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
27393	29219	1955	1960	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
29219	31046	1960	1965	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.2	0.4	2.3
31046	32872	1965	1970	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.2	0.4	2.4
32872	34698	1970	1975	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.3	0.0	0.0	0.0	0.0	1.7	0.4	6.5
34698	36524	1975	1980	0.0	0.0	0.0	0.0	0.7	0.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.3	0.5	0.0	0.0	0.0	0.0	2.3	0.4	8.4
36524	37255	1980	1982	0.0	0.0	0.0	0.0	1.6	0.7	3.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	4.6	0.9	0.1	0.0	0.7	0.1	3.7	0.4	16.8
37255	37985	1982	1984	0.0	0.0	0.0	0.1	1.9	0.9	3.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.1	0.1	0.0	0.7	0.1	4.3	0.4	19.2
37985	38351	1984	1985	0.0	0.0	0.0	0.1	2.0	0.9	3.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.1	0.1	0.0	0.7	0.2	4.4	0.4	19.5
38351	38716	1985	1986	0.0	0.0	0.0	0.1	3.8	1.4	5.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.2	0.1	0.0	0.7	0.2	4.7	0.4	23.8
38716	39446	1986	1988	0.0	0.0	0.0	0.2	5.3	1.9	7.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	5.1	1.2	0.1	0.0	0.7	0.2	5.4	0.5	28.6
39446	39812	1988	1989	0.0	0.0	0.0	0.2	5.7	2.0	7.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	5.1	1.2	0.1	0.0	0.7	0.3	5.5	0.5	29.6
39812	40177	1989	1990	0.0	0.0	0.0	0.2	5.9	2.0	7.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.5	4.9	1.2	0.1	0.0	0.7	0.3	5.5	0.6	30.0
40177	40542	1990	1991	0.1	0.0	0.0	0.2	6.4	2.4	10.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.6	5.8	1.5	0.1	0.0	0.7	0.3	5.9	1.3	36.3
40542	40907	1991	1992	0.2	0.0	0.1	0.2	6.6	2.5	10.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.6	6.2	1.7	0.1	0.0	0.8	0.3	6.3	1.5	38.4
40907	41273	1992	1993	0.2	0.0	0.1	0.3	6.8	2.5	10.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.7	6.4	1.8	0.1	0.0	0.8	0.4	6.6	1.6	39.9
41273	41638	1993	1994	0.2	0.0	0.1	0.3	7.0	2.6	10.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.7	6.6	1.9	0.2	0.0	0.8	0.4	6.8	1.7	41.0
41638	42003	1994	1995	0.2	0.0	0.1	0.3	7.1	2.6	11.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	6.8	2.0	0.2	0.0	0.8	0.4	7.0	1.7	41.8
42003	42368	1995	1996	0.2	0.0	0.1	0.3	7.8	2.8	11.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	6.9	2.0	0.2	0.0	0.8	0.4	7.1	2.1	43.9
42368	42734	1996	1997	0.2	0.0	0.1	0.3	8.0	2.9	11.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	7.0	2.1	0.2	0.0	0.9	0.4	7.3	2.2	44.8
42734	43099	1997	1998	0.3	0.0	0.1	0.3	8.1	2.9	11.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.1	2.1	0.2	0.0	0.9	0.4	7.4	2.2	45.4
43099	43464	1998	1999	0.3	0.0	0.1	0.3	8.1	2.9	11.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.1	2.1	0.2	0.0	0.9	0.4	7.4	2.3	45.7
43464	43829	1999	2000	0.3	0.0	0.1	0.3	8.2	2.9	11.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.1	2.1	0.2	0.0	0.9	0.4	7.4	2.3	46.0
43829	44195	2000	2001	0.3	0.0	0.1	0.3	8.8	3.0	11.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.4	2.6	0.2	0.0	0.6	0.4	7.6	2.3	47.5
44195	44560	2001	2002	0.3	0.0	0.1	0.4	9.1	3.1	12.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.6	2.8	0.2	0.0	0.6	0.5	7.7	2.2	48.4
44560	44925	2002	2003	0.3	0.0	0.1	0.3	7.0	2.3	7.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.5	2.9	0.2	0.0	0.6	0.4	7.3	2.1	40.9
44925	45290	2003	2004	0.3	0.0	0.1	0.3	5.9	1.9	6.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	7.4	2.9	0.2	0.0	0.6	0.4	6.6	2.0	36.8
45290	45656	2004	2005	0.2	0.0	0.1	0.3	5.4	1.7	5.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.7	7.1	2.9	0.2	0.0	0.6	0.4	5.9	1.9	34.0
45656	46021	2005	2006	0.2	0.0	0.1	0.2	5.1	1.6	5.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.6	6.8	2.9	0.2	0.0	0.6	0.3	5.4	2.0	32.1
46021	46386	2006	2007	0.2	0.0	0.1	0.2	4.9	1.5	5.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.5	6.6	2.9	0.2	0.0	0.6	0.3	5.0	2.0	30.5
46386	46751	2007	2008	0.2	0.0	0.1	0.2	4.7	1.4	4.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.4	6.3	2.8	0.2	0.0	0.6	0.3	4.6	1.9	29.2
46751	47117	2008	2009	0.2	0.0	0.1	0.2	4.6	1.4	4.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.3	6.0	2.8	0.2	0.0	0.6	0.3	4.3	1.9	27.8
47117	47482	2009	2010	0.2	0.0	0.1	0.2	4.4	1.3	4.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.2	5.7	2.8	0.2	0.0	0.6	0.2	4.0	1.7	26.5
47482	47847	2010	2011	0.2	0.0	0.1	0.2	4.4	1.3	4.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	5.4	2.8	0.2	0.0	0.6	0.2	3.7	1.7	25.5
47847	48212	2011	2012	0.2	0.0	0.1	0.2	4.4	1.3	4.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.6	2.9	0.2	0.0	0.7	0.2	3.6	1.7	25.9
48212	48578	2012	2013	0.2	0.0	0.1	0.2	4.4	1.3	4.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.7	3.0	0.2	0.0	0.7	0.2	3.5	1.7	25.8
48578	48943	2013	2014	0.2	0.0	0.1	0.2	4.3	1.3	4.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.7	3.0	0.2	0.0	0.7	0.2	3.4	1.7	25.6

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S4 model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																																
48943	49308	2014	2015	0.2	0.0	0.1	0.2	4.3	1.3	4.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.7	3.0	0.2	0.0	0.7	0.2	3.4	1.7	25.5
49308	49673	2015	2016	0.2	0.0	0.1	0.2	4.3	1.3	4.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.7	3.1	0.2	0.0	0.8	0.2	3.4	1.8	25.8
49673	50039	2016	2017	0.2	0.0	0.1	0.2	4.3	1.3	4.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.9	3.3	0.2	0.0	0.9	0.2	3.5	1.9	26.6
50039	50404	2017	2018	0.2	0.0	0.1	0.2	4.4	1.3	4.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	6.1	3.4	0.2	0.0	0.9	0.2	3.7	2.0	27.6
50404	50769	2018	2019	0.2	0.0	0.1	0.2	4.5	1.3	4.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	6.3	3.6	0.2	0.0	1.0	0.2	3.9	2.1	28.7
50769	51134	2019	2020	0.2	0.0	0.1	0.2	4.6	1.4	4.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	6.6	3.7	0.3	0.0	1.0	0.2	4.2	2.2	29.8
51134	51500	2020	2021	0.2	0.0	0.1	0.2	5.1	1.5	5.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.3	7.0	4.2	0.3	0.0	1.2	0.2	4.4	2.2	32.4
51500	51865	2021	2022	0.2	0.0	0.1	0.3	5.5	1.7	5.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.4	7.6	4.7	0.3	0.0	1.3	0.3	4.9	2.3	35.5
51865	52230	2022	2023	0.2	0.0	0.1	0.3	5.9	1.8	5.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.5	8.3	5.0	0.4	0.0	1.4	0.3	5.4	2.4	38.4
52230	52595	2023	2024	0.2	0.0	0.1	0.3	6.2	1.9	6.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.6	8.8	5.3	0.4	0.0	1.4	0.3	5.9	2.5	41.0
52595	52961	2024	2025	0.3	0.0	0.1	0.3	6.5	2.0	6.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.7	9.7	5.7	0.4	0.0	1.5	0.3	6.4	2.6	43.9
52961	53326	2025	2026	0.3	0.0	0.1	0.3	7.0	2.3	7.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.9	10.6	6.1	0.4	0.0	1.6	0.4	7.2	2.7	48.7
53326	53691	2026	2027	0.3	0.0	0.1	0.4	7.4	2.5	8.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.4	1.0	11.5	6.5	0.5	0.0	1.6	0.4	8.0	3.1	52.8
53691	54056	2027	2028	0.3	0.0	0.1	0.4	7.8	2.6	8.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.2	12.3	6.8	0.5	0.0	1.7	0.5	8.8	3.3	56.3
54056	54422	2028	2029	0.3	0.0	0.1	0.4	8.3	2.7	9.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.5	1.4	13.0	7.0	0.5	0.0	1.7	0.5	9.5	3.5	59.6
54422	54787	2029	2030	0.3	0.0	0.2	0.5	8.6	2.8	9.6	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.5	1.5	13.7	7.2	0.5	0.0	1.8	0.5	10.1	3.6	62.5
54787	55152	2030	2031	0.4	0.0	0.2	0.5	9.0	2.9	10.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.6	1.6	14.3	7.4	0.5	0.0	1.8	0.6	10.7	3.7	65.1
55152	55517	2031	2032	0.4	0.0	0.2	0.5	9.3	3.0	10.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.6	1.7	14.8	7.7	0.5	0.0	1.8	0.6	11.2	3.8	67.6
55517	55883	2032	2033	0.4	0.0	0.2	0.5	9.5	3.1	10.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.6	1.8	15.3	7.9	0.5	0.0	1.9	0.6	11.7	3.9	69.9
55883	56248	2033	2034	0.4	0.0	0.2	0.5	9.8	3.2	10.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.7	1.9	15.8	8.1	0.6	0.0	1.9	0.7	12.1	4.0	72.1
56248	56613	2034	2035	0.4	0.0	0.2	0.6	10.0	3.3	11.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.7	2.0	16.3	8.2	0.6	0.0	2.0	0.7	12.6	4.1	74.1
56613	56978	2035	2036	0.4	0.0	0.2	0.6	10.2	3.4	11.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.7	2.1	16.7	8.4	0.6	0.0	2.0	0.7	12.9	4.2	75.9
56978	57344	2036	2037	0.4	0.0	0.2	0.6	10.4	3.4	11.5	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.8	2.2	17.1	8.6	0.6	0.0	2.0	0.7	13.3	4.3	77.7
57344	57709	2037	2038	0.4	0.0	0.2	0.6	10.6	3.5	11.7	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.3	17.4	8.7	0.6	0.0	2.0	0.8	13.6	4.4	79.3
57709	58074	2038	2039	0.5	0.0	0.2	0.6	10.8	3.6	11.9	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.3	17.8	8.8	0.6	0.0	2.1	0.8	13.9	4.5	80.9
58074	58439	2039	2040	0.5	0.0	0.2	0.6	11.0	3.6	12.1	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.4	18.1	8.9	0.6	0.0	2.1	0.8	14.2	4.5	82.3
58439	58805	2040	2041	0.5	0.0	0.2	0.6	11.2	3.7	12.3	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.5	18.4	9.1	0.6	0.0	2.1	0.8	14.5	4.6	83.7
58805	59170	2041	2042	0.5	0.0	0.2	0.7	11.4	3.7	12.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.5	18.7	9.2	0.6	0.0	2.1	0.8	14.8	4.7	85.1
59170	59535	2042	2043	0.5	0.0	0.2	0.7	11.5	3.8	12.6	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.6	18.9	9.3	0.6	0.0	2.2	0.8	15.0	4.8	86.4
59535	59900	2043	2044	0.5	0.0	0.2	0.7	11.7	3.8	12.8	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.1	0.9	2.6	19.2	9.4	0.7	0.0	2.2	0.9	15.3	4.8	87.6
59900	60266	2044	2045	0.5	0.0	0.3	0.7	11.8	3.9	13.0	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.1	1.0	2.7	19.4	9.5	0.7	0.0	2.2	0.9	15.5	4.9	88.8
60266	60631	2045	2046	0.5	0.0	0.3	0.7	12.0	3.9	13.1	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.1	1.0	2.7	19.7	9.5	0.7	0.0	2.2	0.9	15.7	5.0	89.9
60631	60996	2046	2047	0.5	0.0	0.3	0.7	12.1	4.0	13.3	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.1	1.0	2.8	19.9	9.6	0.7	0.0	2.2	0.9	15.9	5.1	91.0
60996	61361	2047	2048	0.5	0.0	0.3	0.7	12.3	4.0	13.4	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5	0.0	0.0	0.1	1.0	2.8	20.1	9.7	0.7	0.0	2.2	0.9	16.2	5.1	92.1
61361	61727	2048	2049	0.5	0.0	0.3	0.7	12.4	4.1	13.6	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.9	20.3	9.8	0.7	0.0	2.3	0.9	16.4	5.2	93.1
61727	62092	2049	2050	0.5	0.0	0.3	0.8	12.5	4.1	13.7	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.9	20.5	9.9	0.7	0.0	2.3	0.9	16.6	5.2	94.1
62092	62457	2050	2051	0.5	0.0	0.3	0.8	12.7	4.2	13.8	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	20.7	9.9	0.7	0.0	2.3	1.0	16.7	5.3	95.0
62457	62822	2051	2052	0.5	0.0	0.3	0.8	12.8	4.2	13.9	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	3.0	20.9	10.0	0.7	0.0	2.3	1.0	16.9	5.4	95.9
62822	63188	2052	2053	0.6	0.0	0.3	0.8	12.9	4.2	14.1	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	3.0	21.1	10.1	0.7	0.0	2.3	1.0	17.1	5.4	96.8
63188	63553	2053	2054	0.6	0.0	0.3	0.8	13.0	4.3	14.2	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	3.0	21.2	10.1	0.7	0.0	2.3	1.0	17.3	5.5	97.7
63553	63918	2054	2055	0.6	0.0	0.3	0.8	13.1	4.3	14.3	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	3.1	21.4	10.2	0.7	0.0	2.3	1.0	17.4	5.5	98.5
63918	64283	2055	2056	0.6	0.0	0.3	0.8	13.2	4.3	14.4	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	3.1	21.6	10.3	0.7	0.0	2.3	1.0	17.6	5.6	99.3
64283	64649	2056	2057	0.6	0.0	0.3	0.8	13.3	4.4	14.5	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	3.1	21.7	10.3	0.7	0.0	2.4	1.0	17.7	5.7	100.1
64649	65014	2057	2058	0.6	0.0	0.3	0.8	13.4	4.4	14.6	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	3.2	21.9	10.4	0.7	0.0	2.4	1.0	17.9	5.7	100.8
65014	65379	2058	2059	0.6	0.0	0.3	0.8	13.5	4.4	14.7	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.2	3.2	22.0	10.4	0.7	0.0	2.4	1.0	18.0	5.8	101.5
65379	65744	2059	2060	0.6	0.0	0.3	0.8	13.6	4.5	14.8	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.2	3.2	22.2	10.5	0.7	0.0	2.4	1.0	18.1	5.8	102.2
65744	66110	2060	2061	0.6	0.0	0.3	0.8	13.7	4.5	14.9	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.2	3.2	22.3	10.5	0.7	0.0	2.4	1.1	18.2	5.8	102.8
66110	66475	2061	2062	0.6	0.0	0.3	0.9	13.8	4.5	14.9	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.6	0.0	0.0	0.1	1.2	3.3	22.5	10.6	0.7	0.0	2.4	1.1	18.4	5.9	103.6
66475	66840	2062	2063	0.6	0.0	0.3	0.9	13.9	4.5	15.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.6	0.0	0.0	0.1	1.2	3.3	22.6	10.6	0.7	0.0	2.4	1.1	18.5	6.0	104.3
66840	67205	2063	2064	0.6	0.0	0.3	0.9	13.9	4.6	15.1	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.6	0.0	0.0	0.1	1.2	3.3	22.7	10.7	0.7	0.0	2.4	1.1	18.6	6.0	104.9
67205	67571	2064	2065	0.6	0.0	0.3	0.9	14.0	4.6	15.2	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.6	0.0	0.0	0.1	1.2	3.3	22.9	10.7	0.8	0.0	2.4	1.1	18.7	6.1	105.4

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S4 model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																																
67571	67936	2065	2066	0.6	0.0	0.3	0.9	14.1	4.6	15.3	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.6	0.0	0.0	0.1	1.2	3.4	23.0	10.8	0.8	0.0	2.4	1.1	18.8	6.1	106.0
67936	68301	2066	2067	0.6	0.0	0.3	0.9	14.1	4.6	15.3	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.6	0.0	0.0	0.1	1.2	3.4	23.1	10.8	0.8	0.0	2.5	1.1	18.9	6.1	106.5
68301	68666	2067	2068	0.6	0.0	0.3	0.9	14.2	4.7	15.4	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.6	0.0	0.0	0.1	1.2	3.4	23.2	10.9	0.8	0.0	2.5	1.1	19.0	6.2	107.0
68666	69032	2068	2069	0.6	0.0	0.3	0.9	14.3	4.7	15.5	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.6	0.0	0.0	0.1	1.3	3.4	23.3	10.9	0.8	0.0	2.5	1.1	19.1	6.2	107.5
69032	69397	2069	2070	0.6	0.0	0.3	0.9	14.3	4.7	15.5	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6	0.0	0.0	0.1	1.3	3.4	23.4	10.9	0.8	0.0	2.5	1.1	19.2	6.2	108.0
69397	69762	2070	2071	0.6	0.0	0.3	0.9	14.4	4.7	15.6	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6	0.0	0.0	0.1	1.3	3.5	23.5	11.0	0.8	0.0	2.5	1.1	19.3	6.3	108.4
69762	70127	2071	2072	0.6	0.0	0.3	0.9	14.4	4.7	15.6	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6	0.0	0.0	0.1	1.3	3.5	23.6	11.0	0.8	0.0	2.5	1.1	19.4	6.3	108.9
70127	70493	2072	2073	0.6	0.0	0.3	0.9	14.5	4.8	15.7	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6	0.0	0.0	0.1	1.3	3.5	23.6	11.0	0.8	0.0	2.5	1.1	19.5	6.3	109.3
70493	70858	2073	2074	0.6	0.0	0.3	0.9	14.6	4.8	15.7	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6	0.0	0.0	0.1	1.3	3.5	23.7	11.1	0.8	0.0	2.5	1.1	19.5	6.4	109.7
70858	71223	2074	2075	0.7	0.0	0.3	0.9	14.6	4.8	15.8	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6	0.0	0.0	0.1	1.3	3.5	23.8	11.1	0.8	0.0	2.5	1.1	19.6	6.4	110.1
71223	71588	2075	2076	0.7	0.0	0.3	0.9	14.7	4.8	15.8	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.6	0.0	0.0	0.1	1.3	3.5	23.9	11.1	0.8	0.0	2.5	1.1	19.7	6.4	110.5
71588	71954	2076	2077	0.7	0.0	0.3	0.9	14.7	4.8	15.9	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.6	0.0	0.0	0.1	1.3	3.6	24.0	11.2	0.8	0.0	2.5	1.1	19.8	6.5	110.8
71954	72319	2077	2078	0.7	0.0	0.3	0.9	14.7	4.8	15.9	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.6	0.0	0.0	0.2	1.3	3.6	24.0	11.2	0.8	0.0	2.5	1.1	19.8	6.5	111.2
72319	72684	2078	2079	0.7	0.0	0.3	0.9	14.8	4.9	16.0	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.6	0.0	0.0	0.2	1.3	3.6	24.1	11.2	0.8	0.0	2.5	1.2	19.9	6.5	111.5
72684	73049	2079	2080	0.7	0.0	0.3	0.9	14.8	4.9	16.0	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.6	0.0	0.0	0.2	1.3	3.6	24.2	11.3	0.8	0.0	2.5	1.2	19.9	6.5	111.9
73049	73415	2080	2081	0.7	0.0	0.3	0.9	14.9	4.9	16.1	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.6	0.0	0.0	0.2	1.3	3.6	24.2	11.3	0.8	0.0	2.5	1.2	20.0	6.6	112.2
73415	73780	2081	2082	0.7	0.0	0.3	1.0	14.9	4.9	16.1	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.6	0.0	0.0	0.2	1.3	3.6	24.3	11.3	0.8	0.0	2.6	1.2	20.1	6.6	112.5
73780	74145	2082	2083	0.7	0.0	0.3	1.0	15.0	4.9	16.1	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.6	0.0	0.0	0.2	1.3	3.6	24.4	11.3	0.8	0.0	2.6	1.2	20.1	6.6	112.8
74145	74510	2083	2084	0.7	0.0	0.4	1.0	15.0	4.9	16.2	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.0	0.0	0.2	1.3	3.6	24.4	11.4	0.8	0.0	2.6	1.2	20.2	6.6	113.1
74510	74876	2084	2085	0.7	0.0	0.4	1.0	15.0	4.9	16.2	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.0	0.0	0.2	1.3	3.7	24.5	11.4	0.8	0.0	2.6	1.2	20.2	6.6	113.4
74876	75241	2085	2086	0.7	0.0	0.4	1.0	15.1	4.9	16.3	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.0	0.0	0.2	1.3	3.7	24.5	11.4	0.8	0.0	2.6	1.2	20.3	6.7	113.6
75241	75606	2086	2087	0.7	0.0	0.4	1.0	15.1	5.0	16.3	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.0	0.0	0.2	1.4	3.7	24.6	11.4	0.8	0.0	2.6	1.2	20.3	6.7	113.9
75606	75971	2087	2088	0.7	0.0	0.4	1.0	15.1	5.0	16.3	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.0	0.0	0.2	1.4	3.7	24.6	11.5	0.8	0.0	2.6	1.2	20.4	6.7	114.2
75971	76337	2088	2089	0.7	0.0	0.4	1.0	15.2	5.0	16.4	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.0	0.0	0.2	1.4	3.7	24.7	11.5	0.8	0.0	2.6	1.2	20.4	6.7	114.4
76337	76702	2089	2090	0.7	0.0	0.4	1.0	15.2	5.0	16.4	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.0	0.0	0.2	1.4	3.7	24.7	11.5	0.8	0.0	2.6	1.2	20.4	6.7	114.6
76702	77067	2090	2091	0.7	0.0	0.4	1.0	15.2	5.0	16.4	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.0	0.0	0.2	1.4	3.7	24.8	11.5	0.8	0.0	2.6	1.2	20.5	6.8	114.9
77067	77432	2091	2092	0.7	0.0	0.4	1.0	15.2	5.0	16.4	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.0	0.0	0.2	1.4	3.7	24.8	11.5	0.8	0.0	2.6	1.2	20.5	6.8	115.1
77432	77798	2092	2093	0.7	0.0	0.4	1.0	15.3	5.0	16.5	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.7	24.9	11.6	0.8	0.0	2.6	1.2	20.6	6.8	115.3
77798	78163	2093	2094	0.7	0.0	0.4	1.0	15.3	5.0	16.5	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.7	24.9	11.6	0.8	0.0	2.6	1.2	20.6	6.8	115.5
78163	78528	2094	2095	0.7	0.0	0.4	1.0	15.3	5.0	16.5	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.7	25.0	11.6	0.8	0.0	2.6	1.2	20.7	6.8	115.8
78528	78893	2095	2096	0.7	0.0	0.4	1.0	15.4	5.0	16.6	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.7	25.0	11.6	0.8	0.0	2.6	1.2	20.7	6.8	116.0
78893	79259	2096	2097	0.7	0.0	0.4	1.0	15.4	5.0	16.6	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.8	25.1	11.6	0.8	0.0	2.6	1.2	20.7	6.9	116.2
79259	79624	2097	2098	0.7	0.0	0.4	1.0	15.4	5.1	16.6	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.8	25.1	11.6	0.8	0.0	2.6	1.2	20.8	6.9	116.3
79624	79989	2098	2099	0.7	0.0	0.4	1.0	15.4	5.1	16.6	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.8	25.1	11.7	0.8	0.0	2.6	1.2	20.8	6.9	116.5
79989	80354	2099	2100	0.7	0.0	0.4	1.0	15.5	5.1	16.6	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.8	25.2	11.7	0.8	0.0	2.6	1.2	20.8	6.9	116.7
80354	80719	2100	2101	0.7	0.0	0.4	1.0	15.5	5.1	16.7	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.8	25.2	11.7	0.8	0.0	2.6	1.2	20.9	6.9	116.9
80719	81084	2101	2102	0.7	0.0	0.4	1.0	15.5	5.1	16.7	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.8	25.2	11.7	0.8	0.0	2.6	1.2	20.9	6.9	117.1
81084	81449	2102	2103	0.7	0.0	0.4	1.0	15.5	5.1	16.7	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.8	25.3	11.7	0.8	0.0	2.6	1.2	20.9	6.9	117.2
81449	81814	2103	2104	0.7	0.0	0.4	1.0	15.5	5.1	16.7	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.8	25.3	11.7	0.8	0.0	2.6	1.2	20.9	6.9	117.4
81814	82180	2104	2105	0.7	0.0	0.4	1.0	15.6	5.1	16.8	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.8	25.3	11.8	0.8	0.0	2.6	1.2	21.0	7.0	117.6
82180	82545	2105	2106	0.7	0.0	0.4	1.0	15.6	5.1	16.8	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.8	25.4	11.8	0.8	0.0	2.7	1.2	21.0	7.0	117.7
82545	82910	2106	2107	0.7	0.0	0.4	1.0	15.6	5.1	16.8	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.8	25.4	11.8	0.8	0.0	2.7	1.2	21.0	7.0	117.9
82910	83275	2107	2108	0.7	0.0	0.4	1.0	15.6	5.1	16.8	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.8	25.4	11.8	0.8	0.0	2.7	1.2	21.1	7.0	118.0
83275	83641	2108	2109	0.7	0.0	0.4	1.0	15.6	5.1	16.8	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.8	25.5	11.8	0.8	0.0	2.7	1.2	21.1	7.0	118.2
83641	84006	2109	2110	0.7	0.0	0.4	1.0	15.7	5.1	16.8	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.8	25.5	11.8	0.8	0.0	2.7	1.2	21.1	7.0	118.3
84006	84371	2110	2111	0.7	0.0	0.4	1.0	15.7	5.1	16.9	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.8	25.5	11.8	0.8	0.0	2.7	1.2	21.1	7.0	118.4
84371	84736	2111	2112	0.7	0.0	0.4	1.0	15.7	5.1	16.9	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.8	25.6	11.8	0.8	0.0	2.7	1.2	21.2	7.0	118.6
84736	85102	2112	2113	0.7	0.0	0.4	1.0	15.7	5.1	16.9	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.9	25.6	11.9	0.8	0.0	2.7	1.2	21.2	7.0	118.7
85102	85467	2113	2114	0.7	0.0	0.4	1.0	15.7	5.2	16.9	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.9	25.6	11.9	0.8	0.0	2.7	1.2	21.2	7.1	118.8

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S4 model)

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
0	1	1880	1880	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6381
1	1827	1880	1885	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
1827	3653	1885	1890	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
3653	5479	1890	1895	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
5479	7305	1895	1900	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
7305	9131	1900	1905	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
9131	10957	1905	1910	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
10957	12783	1910	1915	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
12783	14609	1915	1920	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
14609	16436	1920	1925	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
16436	18262	1925	1930	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
18262	20088	1930	1935	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
20088	21914	1935	1940	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
21914	23741	1940	1945	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
23741	25567	1945	1950	2722	1318	1230	588	149	62	133	89	96	85	66	17	4	95	13	0	0	72	6738
25567	27393	1950	1955	2722	1318	1230	590	153	62	135	89	96	86	67	17	4	98	13	0	0	74	6756
27393	29219	1955	1960	2722	1318	1230	591	154	62	136	89	96	86	67	17	4	99	14	0	0	75	6761
29219	31046	1960	1965	2722	1318	1230	588	152	62	132	89	96	85	66	17	4	98	14	0	0	74	6747
31046	32872	1965	1970	2722	1318	1230	588	152	62	132	89	96	85	66	17	4	98	14	0	0	74	6748
32872	34698	1970	1975	2722	1318	1230	588	153	62	133	89	96	85	66	17	4	99	14	0	0	74	6749
34698	36524	1975	1980	2722	1318	1230	586	151	62	129	88	95	84	65	17	4	98	14	0	0	73	6734
36524	37255	1980	1982	2722	1318	1230	586	151	62	129	89	95	84	65	17	4	98	14	0	0	73	6735
37255	37985	1982	1984	2722	1318	1230	586	151	62	129	89	95	84	66	17	4	98	14	0	0	73	6736
37985	38351	1984	1985	2722	1318	1230	584	150	62	128	88	95	84	65	17	4	98	14	0	0	73	6732
38351	38716	1985	1986	2722	1318	1230	584	150	62	127	88	95	84	65	17	4	98	14	0	0	73	6731
38716	39446	1986	1988	2722	1318	1230	584	150	62	127	88	95	84	65	17	4	99	15	0	0	73	6734
39446	39812	1988	1989	2722	1318	1230	584	150	62	127	88	95	84	66	17	4	100	15	0	0	73	6736
39812	40177	1989	1990	2722	1318	1230	584	150	62	128	88	95	84	66	17	4	101	15	0	0	74	6738
40177	40542	1990	1991	2722	1318	1230	585	157	63	144	91	98	91	75	18	5	126	27	0	0	96	6846
40542	40907	1991	1992	2722	1318	1230	588	166	64	158	93	101	98	82	19	6	143	30	0	0	108	6927
40907	41273	1992	1993	2722	1318	1230	590	171	64	165	94	102	100	86	19	6	151	32	0	0	114	6967
41273	41638	1993	1994	2722	1319	1230	591	175	65	168	95	103	102	87	20	7	156	34	0	0	118	6990
41638	42003	1994	1995	2722	1319	1230	592	176	65	168	95	103	102	87	20	7	157	34	0	0	117	6992
42003	42368	1995	1996	2722	1319	1230	592	176	65	168	95	103	102	89	20	7	172	42	0	0	127	7029
42368	42734	1996	1997	2722	1319	1230	593	177	65	171	96	104	104	92	20	8	185	47	0	0	134	7066
42734	43099	1997	1998	2722	1319	1230	593	179	65	174	96	105	106	94	21	8	192	49	0	0	139	7091
43099	43464	1998	1999	2722	1319	1230	594	180	65	176	97	105	107	95	21	8	197	51	0	0	142	7108
43464	43829	1999	2000	2722	1319	1230	594	180	66	177	97	105	107	96	21	8	201	52	0	0	144	7120
43829	44195	2000	2001	2722	1319	1230	593	180	65	174	96	105	106	95	21	8	198	50	0	0	141	7104
44195	44560	2001	2002	2722	1319	1230	590	178	65	167	95	104	104	92	21	8	192	48	0	0	136	7070
44560	44925	2002	2003	2722	1319	1230	588	175	65	160	94	102	101	88	20	7	184	45	0	0	129	7029
44925	45290	2003	2004	2722	1319	1230	585	172	64	151	93	101	97	85	20	7	175	42	0	0	121	6984
45290	45656	2004	2005	2722	1319	1230	581	168	63	143	92	100	95	81	20	7	169	41	0	0	116	6946
45656	46021	2005	2006	2722	1319	1230	579	165	63	139	91	99	93	81	20	7	182	47	0	0	122	6960
46021	46386	2006	2007	2722	1319	1230	576	162	63	135	91	98	92	80	20	7	182	47	0	0	121	6945
46386	46751	2007	2008	2722	1319	1230	573	159	62	129	90	98	90	78	19	7	178	46	0	0	117	6918
46751	47117	2008	2009	2722	1319	1230	570	156	62	123	89	97	88	75	19	6	172	44	0	0	112	6885
47117	47482	2009	2010	2722	1319	1230	567	153	61	117	88	96	86	72	19	6	163	41	0	0	106	6845
47482	47847	2010	2011	2722	1319	1230	564	149	61	111	87	95	84	70	18	6	157	39	0	0	102	6814
47847	48212	2011	2012	2722	1319	1230	560	146	61	107	87	94	82	69	18	6	158	40	0	0	101	6800
48212	48578	2012	2013	2722	1319	1230	557	144	60	103	86	93	81	68	18	6	157	40	0	0	100	6786
48578	48943	2013	2014	2722	1319	1230	554	142	60	99	86	93	80	67	18	5	156	40	0	0	99	6771

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
0	1	1880	1880	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
1	1827	1880	1885	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
1827	3653	1885	1890	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
3653	5479	1890	1895	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
5479	7305	1895	1900	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
7305	9131	1900	1905	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
9131	10957	1905	1910	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
10957	12783	1910	1915	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
12783	14609	1915	1920	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
14609	16436	1920	1925	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
16436	18262	1925	1930	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
18262	20088	1930	1935	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
20088	21914	1935	1940	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
21914	23741	1940	1945	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
23741	25567	1945	1950	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.0	1.8	1.4	0.4	0.1	2.0	0.3	0.0	0.0	2.0	24.8
25567	27393	1950	1955	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	25.0
27393	29219	1955	1960	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	25.1
29219	31046	1960	1965	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
31046	32872	1965	1970	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
32872	34698	1970	1975	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
34698	36524	1975	1980	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
36524	37255	1980	1982	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
37255	37985	1982	1984	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
37985	38351	1984	1985	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
38351	38716	1985	1986	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
38716	39446	1986	1988	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
39446	39812	1988	1989	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.8
39812	40177	1989	1990	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.2	0.3	0.0	0.0	2.1	24.8
40177	40542	1990	1991	3.7	1.8	1.7	0.8	0.6	1.4	3.2	1.9	2.1	2.0	1.6	0.4	0.1	2.7	0.6	0.0	0.0	2.7	27.2
40542	40907	1991	1992	3.7	1.8	1.7	0.8	0.6	1.4	3.5	2.0	2.2	2.1	1.8	0.4	0.1	3.0	0.6	0.0	0.0	3.0	28.7
40907	41273	1992	1993	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.1	1.8	0.4	0.1	3.2	0.7	0.0	0.0	3.2	29.5
41273	41638	1993	1994	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.1	3.3	0.7	0.0	0.0	3.3	29.9
41638	42003	1994	1995	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.1	3.4	0.7	0.0	0.0	3.3	30.0
42003	42368	1995	1996	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.2	3.7	0.9	0.0	0.0	3.5	30.8
42368	42734	1996	1997	3.7	1.8	1.7	0.8	0.7	1.4	3.8	2.0	2.2	2.2	2.0	0.4	0.2	3.9	1.0	0.0	0.0	3.8	31.6
42734	43099	1997	1998	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.1	1.1	0.0	0.0	3.9	32.1
43099	43464	1998	1999	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.2	1.1	0.0	0.0	4.0	32.5
43464	43829	1999	2000	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.3	1.1	0.0	0.0	4.0	32.7
43829	44195	2000	2001	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.2	1.1	0.0	0.0	3.9	32.4
44195	44560	2001	2002	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	2.0	0.4	0.2	4.1	1.0	0.0	0.0	3.8	31.7
44560	44925	2002	2003	3.7	1.8	1.7	0.8	0.7	1.4	3.6	2.0	2.2	2.2	1.9	0.4	0.2	3.9	1.0	0.0	0.0	3.6	30.9
44925	45290	2003	2004	3.7	1.8	1.7	0.8	0.7	1.4	3.4	2.0	2.2	2.1	1.8	0.4	0.1	3.7	0.9	0.0	0.0	3.4	30.0
45290	45656	2004	2005	3.7	1.8	1.7	0.8	0.6	1.4	3.2	2.0	2.1	2.0	1.7	0.4	0.1	3.6	0.9	0.0	0.0	3.2	29.3
45656	46021	2005	2006	3.7	1.8	1.7	0.8	0.6	1.4	3.1	2.0	2.1	2.0	1.7	0.4	0.1	3.9	1.0	0.0	0.0	3.4	29.7
46021	46386	2006	2007	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	2.0	1.7	0.4	0.1	3.9	1.0	0.0	0.0	3.4	29.5
46386	46751	2007	2008	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.1	1.9	1.7	0.4	0.1	3.8	1.0	0.0	0.0	3.3	29.0
46751	47117	2008	2009	3.7	1.8	1.7	0.8	0.6	1.4	2.7	1.9	2.1	1.9	1.6	0.4	0.1	3.7	0.9	0.0	0.0	3.1	28.4
47117	47482	2009	2010	3.7	1.8	1.7	0.8	0.6	1.4	2.6	1.9	2.0	1.8	1.5	0.4	0.1	3.5	0.9	0.0	0.0	3.0	27.6
47482	47847	2010	2011	3.7	1.8	1.7	0.8	0.6	1.4	2.5	1.9	2.0	1.8	1.5	0.4	0.1	3.4	0.8	0.0	0.0	2.8	27.0
47847	48212	2011	2012	3.7	1.8	1.7	0.8	0.6	1.3	2.4	1.9	2.0	1.8	1.5	0.4	0.1	3.4	0.9	0.0	0.0	2.8	26.8
48212	48578	2012	2013	3.7	1.8	1.7	0.8	0.6	1.3	2.3	1.8	2.0	1.7	1.4	0.4	0.1	3.4	0.9	0.0	0.0	2.8	26.6
48578	48943	2013	2014	3.7	1.8	1.7	0.7	0.5	1.3	2.2	1.8	2.0	1.7	1.4	0.4	0.1	3.3	0.9	0.0	0.0	2.8	26.4

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S4 model)

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
48943	49308	2014	2015	2722	1319	1230	552	140	60	97	85	92	80	66	18	5	155	40	0	0	98	6760
49308	49673	2015	2016	2722	1319	1230	551	139	60	95	85	92	79	65	18	5	155	41	0	0	98	6755
49673	50039	2016	2017	2722	1319	1230	549	138	60	93	85	92	79	65	18	5	159	44	0	0	99	6756
50039	50404	2017	2018	2722	1319	1230	549	137	60	93	85	92	79	66	18	6	163	46	0	0	101	6765
50404	50769	2018	2019	2722	1319	1230	549	137	60	93	85	92	79	66	18	6	168	48	0	0	104	6775
50769	51134	2019	2020	2722	1319	1230	549	137	60	93	85	92	79	67	18	6	172	50	0	0	106	6786
51134	51500	2020	2021	2722	1319	1230	549	138	60	94	85	92	80	67	18	6	175	52	0	0	108	6796
51500	51865	2021	2022	2722	1319	1230	550	138	60	95	85	93	80	68	19	6	181	54	0	0	111	6812
51865	52230	2022	2023	2722	1319	1230	550	139	60	95	86	93	81	69	19	6	187	57	0	0	115	6827
52230	52595	2023	2024	2722	1319	1230	551	140	60	96	86	93	81	70	19	7	192	59	0	0	117	6842
52595	52961	2024	2025	2723	1319	1230	551	141	60	97	86	93	82	71	19	7	200	62	0	0	122	6864
52961	53326	2025	2026	2723	1319	1230	552	142	60	99	86	94	83	73	19	7	208	66	0	0	127	6888
53326	53691	2026	2027	2723	1319	1230	553	144	61	100	87	94	84	74	20	7	216	70	0	0	132	6914
53691	54056	2027	2028	2723	1319	1230	554	145	61	102	87	95	85	75	20	8	225	75	0	0	136	6940
54056	54422	2028	2029	2723	1319	1230	555	147	61	103	87	95	86	77	20	8	233	79	0	0	141	6964
54422	54787	2029	2030	2723	1319	1230	557	150	61	105	88	96	87	78	21	8	240	82	0	0	145	6989
54787	55152	2030	2031	2723	1319	1231	560	154	61	107	88	96	87	79	21	8	246	85	0	0	148	7015
55152	55517	2031	2032	2723	1319	1231	563	157	62	109	89	96	88	81	21	9	253	88	0	0	152	7040
55517	55883	2032	2033	2723	1319	1231	564	160	62	111	89	97	89	82	21	9	259	91	0	0	156	7063
55883	56248	2033	2034	2723	1319	1231	566	162	62	113	89	97	90	83	22	9	265	94	0	0	160	7086
56248	56613	2034	2035	2723	1320	1231	567	164	62	115	90	98	91	84	22	9	272	96	0	0	163	7108
56613	56978	2035	2036	2723	1320	1231	569	165	63	117	90	98	92	86	22	10	284	101	0	0	170	7141
56978	57344	2036	2037	2723	1320	1231	570	170	63	129	91	100	95	89	23	10	293	104	0	0	177	7188
57344	57709	2037	2038	2724	1320	1231	571	172	64	133	92	100	96	91	23	11	302	107	0	0	182	7217
57709	58074	2038	2039	2724	1320	1231	573	174	64	135	92	101	97	92	23	11	309	110	0	0	186	7242
58074	58439	2039	2040	2724	1320	1231	575	176	64	137	93	101	98	94	24	11	316	113	0	0	190	7266
58439	58805	2040	2041	2724	1320	1231	576	177	65	139	93	102	99	95	24	11	322	116	0	0	194	7289
58805	59170	2041	2042	2724	1320	1231	578	179	65	141	94	102	100	97	24	12	329	119	0	0	198	7310
59170	59535	2042	2043	2724	1320	1231	579	180	65	143	94	103	101	98	25	12	335	121	0	0	201	7331
59535	59900	2043	2044	2724	1320	1231	580	182	65	145	94	103	102	99	25	12	341	124	0	0	205	7351
59900	60266	2044	2045	2724	1320	1231	581	183	65	146	95	103	103	100	25	12	347	127	0	0	208	7371
60266	60631	2045	2046	2724	1320	1231	582	184	66	148	95	104	103	101	25	13	352	129	0	0	212	7390
60631	60996	2046	2047	2724	1320	1231	583	186	66	150	95	104	104	103	26	13	358	131	0	0	215	7409
60996	61361	2047	2048	2724	1320	1231	584	187	66	151	96	105	105	104	26	13	364	134	0	0	218	7427
61361	61727	2048	2049	2724	1320	1231	585	188	66	153	96	105	106	105	26	13	369	136	0	0	221	7445
61727	62092	2049	2050	2725	1321	1232	586	189	66	154	96	105	106	106	26	14	374	138	0	0	224	7463
62092	62457	2050	2051	2725	1321	1232	587	190	67	156	97	106	107	107	26	14	380	141	0	0	227	7480
62457	62822	2051	2052	2725	1321	1232	587	192	67	157	97	106	108	108	27	14	385	143	0	0	230	7497
62822	63188	2052	2053	2725	1321	1232	588	193	67	159	97	106	109	109	27	14	390	145	0	0	233	7514
63188	63553	2053	2054	2725	1321	1232	589	194	67	160	97	107	109	110	27	14	395	147	0	0	236	7530
63553	63918	2054	2055	2725	1321	1232	590	195	67	162	98	107	110	111	27	15	399	149	0	0	239	7546
63918	64283	2055	2056	2725	1321	1232	591	196	67	163	98	107	111	112	27	15	404	151	0	0	242	7561
64283	64649	2056	2057	2725	1321	1232	591	197	68	165	98	108	111	113	28	15	408	153	0	0	244	7576
64649	65014	2057	2058	2725	1321	1232	592	198	68	166	99	108	112	114	28	15	413	155	0	0	247	7591
65014	65379	2058	2059	2725	1321	1232	593	199	68	167	99	108	113	114	28	15	417	157	0	0	249	7605
65379	65744	2059	2060	2725	1321	1232	593	200	68	168	99	109	113	115	28	16	421	159	0	0	252	7619
65744	66110	2060	2061	2725	1321	1232	594	201	68	170	99	109	114	116	28	16	425	161	0	0	254	7632
66110	66475	2061	2062	2725	1321	1232	595	201	68	171	99	109	114	117	28	16	429	162	0	0	256	7645
66475	66840	2062	2063	2725	1321	1232	595	202	68	172	100	109	115	118	29	16	432	164	0	0	258	7658
66840	67205	2063	2064	2725	1321	1232	596	203	69	173	100	110	115	118	29	16	436	166	0	0	261	7670
67205	67571	2064	2065	2726	1321	1232	596	204	69	174	100	110	116	119	29	16	439	167	0	0	263	7682

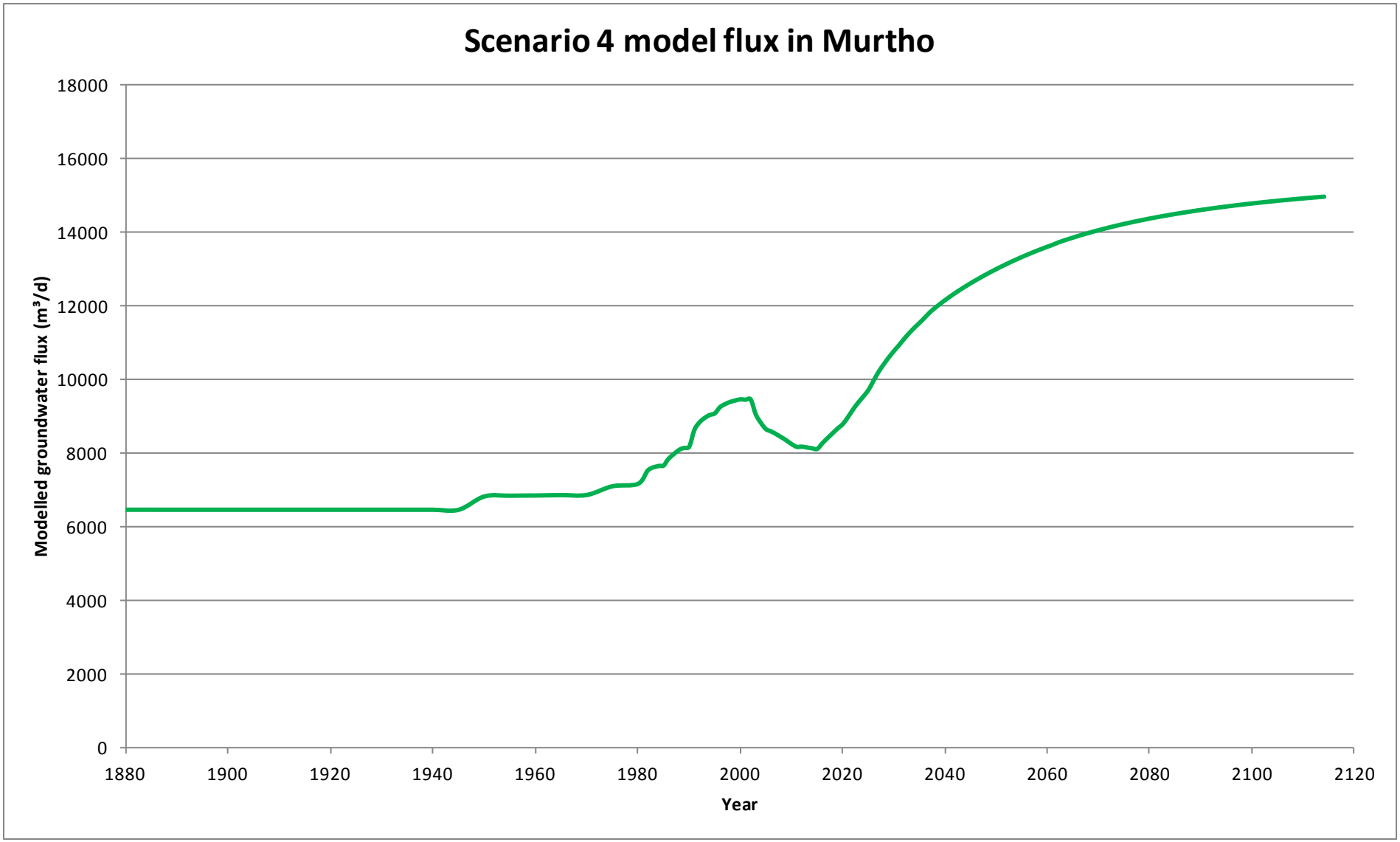
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
48943	49308	2014	2015	3.7	1.8	1.7	0.7	0.5	1.3	2.2	1.8	2.0	1.7	1.4	0.4	0.1	3.3	0.9	0.0	0.0	2.7	26.2
49308	49673	2015	2016	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.3	0.9	0.0	0.0	2.7	26.1
49673	50039	2016	2017	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.4	0.9	0.0	0.0	2.8	26.2
50039	50404	2017	2018	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.5	1.0	0.0	0.0	2.8	26.4
50404	50769	2018	2019	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.6	1.0	0.0	0.0	2.9	26.7
50769	51134	2019	2020	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.7	1.1	0.0	0.0	3.0	26.9
51134	51500	2020	2021	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.7	1.1	0.0	0.0	3.0	27.1
51500	51865	2021	2022	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.5	0.4	0.1	3.9	1.2	0.0	0.0	3.1	27.5
51865	52230	2022	2023	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.5	0.4	0.1	4.0	1.2	0.0	0.0	3.2	27.8
52230	52595	2023	2024	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.5	0.4	0.1	4.1	1.3	0.0	0.0	3.3	28.1
52595	52961	2024	2025	3.7	1.8	1.7	0.7	0.5	1.3	2.2	1.8	2.0	1.8	1.5	0.4	0.1	4.3	1.3	0.0	0.0	3.4	28.6
52961	53326	2025	2026	3.7	1.8	1.7	0.7	0.5	1.3	2.2	1.8	2.0	1.8	1.6	0.4	0.2	4.4	1.4	0.0	0.0	3.5	29.1
53326	53691	2026	2027	3.7	1.8	1.7	0.7	0.6	1.3	2.2	1.9	2.0	1.8	1.6	0.4	0.2	4.6	1.5	0.0	0.0	3.7	29.6
53691	54056	2027	2028	3.7	1.8	1.7	0.7	0.6	1.4	2.3	1.9	2.0	1.8	1.6	0.4	0.2	4.8	1.6	0.0	0.0	3.8	30.2
54056	54422	2028	2029	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.6	0.4	0.2	5.0	1.7	0.0	0.0	3.9	30.7
54422	54787	2029	2030	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.7	0.4	0.2	5.1	1.8	0.0	0.0	4.0	31.1
54787	55152	2030	2031	3.7	1.8	1.7	0.8	0.6	1.4	2.4	1.9	2.0	1.9	1.7	0.4	0.2	5.3	1.8	0.0	0.0	4.1	31.6
55152	55517	2031	2032	3.7	1.8	1.7	0.8	0.6	1.4	2.4	1.9	2.1	1.9	1.7	0.5	0.2	5.4	1.9	0.0	0.0	4.3	32.0
55517	55883	2032	2033	3.7	1.8	1.7	0.8	0.6	1.4	2.5	1.9	2.1	1.9	1.7	0.5	0.2	5.5	1.9	0.0	0.0	4.4	32.5
55883	56248	2033	2034	3.7	1.8	1.7	0.8	0.6	1.4	2.5	1.9	2.1	1.9	1.8	0.5	0.2	5.7	2.0	0.0	0.0	4.5	32.9
56248	56613	2034	2035	3.7	1.8	1.7	0.8	0.6	1.4	2.6	1.9	2.1	1.9	1.8	0.5	0.2	5.8	2.1	0.0	0.0	4.6	33.3
56613	56978	2035	2036	3.7	1.8	1.7	0.8	0.6	1.4	2.6	1.9	2.1	2.0	1.8	0.5	0.2	6.1	2.1	0.0	0.0	4.8	34.0
56978	57344	2036	2037	3.7	1.8	1.7	0.8	0.7	1.4	2.9	2.0	2.1	2.0	1.9	0.5	0.2	6.3	2.2	0.0	0.0	4.9	35.0
57344	57709	2037	2038	3.7	1.8	1.7	0.8	0.7	1.4	2.9	2.0	2.1	2.1	1.9	0.5	0.2	6.4	2.3	0.0	0.0	5.1	35.6
57709	58074	2038	2039	3.7	1.8	1.7	0.8	0.7	1.4	3.0	2.0	2.2	2.1	2.0	0.5	0.2	6.6	2.4	0.0	0.0	5.2	36.1
58074	58439	2039	2040	3.7	1.8	1.7	0.8	0.7	1.4	3.0	2.0	2.2	2.1	2.0	0.5	0.2	6.7	2.4	0.0	0.0	5.3	36.5
58439	58805	2040	2041	3.7	1.8	1.7	0.8	0.7	1.4	3.1	2.0	2.2	2.1	2.0	0.5	0.2	6.9	2.5	0.0	0.0	5.4	37.0
58805	59170	2041	2042	3.7	1.8	1.7	0.8	0.7	1.4	3.1	2.0	2.2	2.1	2.1	0.5	0.2	7.0	2.5	0.0	0.0	5.5	37.4
59170	59535	2042	2043	3.7	1.8	1.7	0.8	0.7	1.4	3.2	2.0	2.2	2.2	2.1	0.5	0.3	7.1	2.6	0.0	0.0	5.6	37.8
59535	59900	2043	2044	3.7	1.8	1.7	0.8	0.7	1.5	3.2	2.0	2.2	2.2	2.1	0.5	0.3	7.3	2.6	0.0	0.0	5.7	38.2
59900	60266	2044	2045	3.7	1.8	1.7	0.8	0.7	1.5	3.3	2.0	2.2	2.2	2.1	0.5	0.3	7.4	2.7	0.0	0.0	5.8	38.6
60266	60631	2045	2046	3.7	1.8	1.7	0.8	0.7	1.5	3.3	2.0	2.2	2.2	2.2	0.5	0.3	7.5	2.8	0.0	0.0	5.9	39.0
60631	60996	2046	2047	3.7	1.8	1.7	0.8	0.7	1.5	3.3	2.0	2.2	2.2	2.2	0.5	0.3	7.6	2.8	0.0	0.0	6.0	39.4
60996	61361	2047	2048	3.7	1.8	1.7	0.8	0.7	1.5	3.4	2.0	2.2	2.2	2.2	0.6	0.3	7.8	2.9	0.0	0.0	6.1	39.7
61361	61727	2048	2049	3.7	1.8	1.7	0.8	0.7	1.5	3.4	2.0	2.2	2.3	2.2	0.6	0.3	7.9	2.9	0.0	0.0	6.2	40.1
61727	62092	2049	2050	3.7	1.8	1.7	0.8	0.7	1.5	3.4	2.1	2.2	2.3	2.3	0.6	0.3	8.0	3.0	0.0	0.0	6.3	40.5
62092	62457	2050	2051	3.7	1.8	1.7	0.8	0.7	1.5	3.5	2.1	2.3	2.3	2.3	0.6	0.3	8.1	3.0	0.0	0.0	6.4	40.8
62457	62822	2051	2052	3.7	1.8	1.7	0.8	0.7	1.5	3.5	2.1	2.3	2.3	2.3	0.6	0.3	8.2	3.1	0.0	0.0	6.4	41.2
62822	63188	2052	2053	3.7	1.8	1.7	0.8	0.7	1.5	3.5	2.1	2.3	2.3	2.3	0.6	0.3	8.3	3.1	0.0	0.0	6.5	41.5
63188	63553	2053	2054	3.7	1.8	1.7	0.8	0.7	1.5	3.6	2.1	2.3	2.3	2.3	0.6	0.3	8.4	3.1	0.0	0.0	6.6	41.8
63553	63918	2054	2055	3.7	1.8	1.7	0.8	0.7	1.5	3.6	2.1	2.3	2.3	2.4	0.6	0.3	8.5	3.2	0.0	0.0	6.7	42.1
63918	64283	2055	2056	3.7	1.8	1.7	0.8	0.8	1.5	3.6	2.1	2.3	2.4	2.4	0.6	0.3	8.6	3.2	0.0	0.0	6.8	42.5
64283	64649	2056	2057	3.7	1.8	1.7	0.8	0.8	1.5	3.7	2.1	2.3	2.4	2.4	0.6	0.3	8.7	3.3	0.0	0.0	6.8	42.8
64649	65014	2057	2058	3.7	1.8	1.7	0.8	0.8	1.5	3.7	2.1	2.3	2.4	2.4	0.6	0.3	8.8	3.3	0.0	0.0	6.9	43.1
65014	65379	2058	2059	3.7	1.8	1.7	0.8	0.8	1.5	3.7	2.1	2.3	2.4	2.4	0.6	0.3	8.9	3.4	0.0	0.0	7.0	43.3
65379	65744	2059	2060	3.7	1.8	1.7	0.8	0.8	1.5	3.7	2.1	2.3	2.4	2.5	0.6	0.3	9.0	3.4	0.0	0.0	7.0	43.6
65744	66110	2060	2061	3.7	1.8	1.7	0.8	0.8	1.5	3.8	2.1	2.3	2.4	2.5	0.6	0.3	9.1	3.4	0.0	0.0	7.1	43.9
66110	66475	2061	2062	3.7	1.8	1.7	0.8	0.8	1.5	3.8	2.1	2.3	2.4	2.5	0.6	0.3	9.2	3.5	0.0	0.0	7.2	44.2
66475	66840	2062	2063	3.7	1.8	1.7	0.8	0.8	1.5	3.8	2.1	2.3	2.5	2.5	0.6	0.3	9.2	3.5	0.0	0.0	7.2	44.4
66840	67205	2063	2064	3.7	1.8	1.7	0.8	0.8	1.5	3.9	2.1	2.3	2.5	2.5	0.6	0.3	9.3	3.5	0.0	0.0	7.3	44.7
67205	67571	2064	2065	3.7	1.8	1.7	0.8	0.8	1.5	3.9	2.1	2.3	2.5	2.5	0.6	0.3	9.4	3.6	0.0	0.0	7.3	44.9

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S4 model)

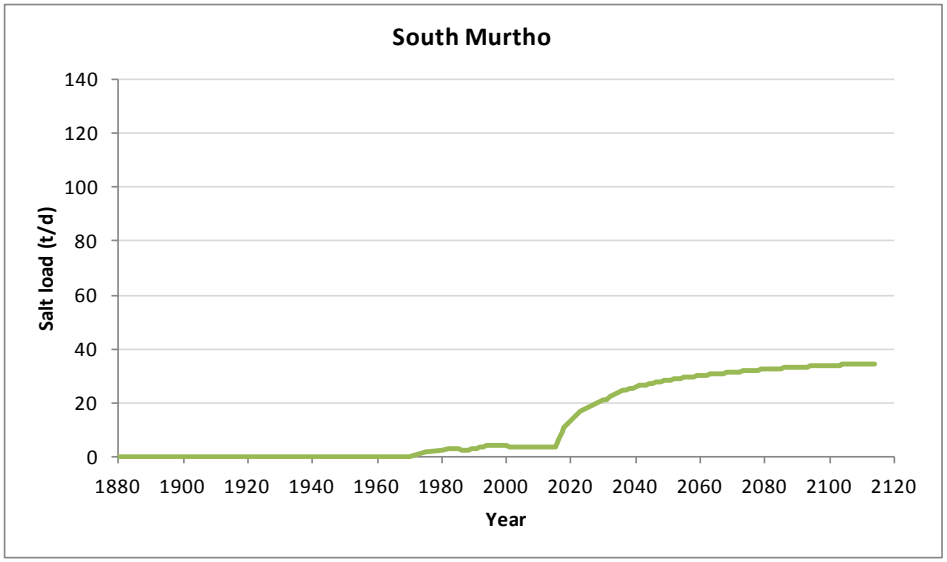
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
67571	67936	2065	2066	2726	1321	1232	597	205	69	176	100	110	116	120	29	17	443	169	0	0	265	7693
67936	68301	2066	2067	2726	1321	1232	597	205	69	177	101	110	117	121	29	17	446	170	0	0	267	7705
68301	68666	2067	2068	2726	1321	1232	598	206	69	178	101	111	117	121	29	17	449	171	0	0	268	7715
68666	69032	2068	2069	2726	1322	1232	598	207	69	179	101	111	118	122	30	17	452	173	0	0	270	7726
69032	69397	2069	2070	2726	1322	1232	598	208	69	180	101	111	118	123	30	17	455	174	0	0	272	7736
69397	69762	2070	2071	2726	1322	1232	599	208	69	181	101	111	119	123	30	17	458	175	0	0	274	7746
69762	70127	2071	2072	2726	1322	1232	599	209	70	182	102	112	119	124	30	17	461	177	0	0	276	7756
70127	70493	2072	2073	2726	1322	1232	600	209	70	183	102	112	120	124	30	18	464	178	0	0	277	7765
70493	70858	2073	2074	2726	1322	1232	600	210	70	183	102	112	120	125	30	18	467	179	0	0	279	7774
70858	71223	2074	2075	2726	1322	1232	600	211	70	184	102	112	120	125	30	18	469	180	0	0	280	7783
71223	71588	2075	2076	2726	1322	1232	601	211	70	185	102	112	121	126	30	18	472	181	0	0	282	7791
71588	71954	2076	2077	2726	1322	1232	601	212	70	186	102	113	121	127	30	18	474	182	0	0	283	7800
71954	72319	2077	2078	2726	1322	1233	601	212	70	187	103	113	122	127	31	18	476	184	0	0	285	7808
72319	72684	2078	2079	2726	1322	1233	602	213	70	188	103	113	122	128	31	18	479	185	0	0	286	7816
72684	73049	2079	2080	2726	1322	1233	602	213	70	188	103	113	122	128	31	18	481	186	0	0	287	7823
73049	73415	2080	2081	2726	1322	1233	602	214	70	189	103	113	123	128	31	18	483	186	0	0	289	7831
73415	73780	2081	2082	2726	1322	1233	603	214	70	190	103	113	123	129	31	19	485	187	0	0	290	7838
73780	74145	2082	2083	2726	1322	1233	603	215	71	190	103	114	123	129	31	19	487	188	0	0	291	7845
74145	74510	2083	2084	2726	1322	1233	603	215	71	191	103	114	124	130	31	19	489	189	0	0	292	7851
74510	74876	2084	2085	2726	1322	1233	603	216	71	192	103	114	124	130	31	19	491	190	0	0	293	7858
74876	75241	2085	2086	2726	1322	1233	604	216	71	192	104	114	124	131	31	19	493	191	0	0	294	7864
75241	75606	2086	2087	2726	1322	1233	604	216	71	193	104	114	124	131	31	19	495	192	0	0	295	7871
75606	75971	2087	2088	2726	1322	1233	604	217	71	194	104	114	125	131	31	19	496	192	0	0	296	7877
75971	76337	2088	2089	2726	1322	1233	605	217	71	194	104	114	125	132	32	19	498	193	0	0	297	7883
76337	76702	2089	2090	2727	1322	1233	605	218	71	195	104	115	125	132	32	19	500	194	0	0	298	7888
76702	77067	2090	2091	2727	1322	1233	605	218	71	195	104	115	126	132	32	19	501	195	0	0	299	7894
77067	77432	2091	2092	2727	1322	1233	605	218	71	196	104	115	126	133	32	19	503	195	0	0	300	7899
77432	77798	2092	2093	2727	1322	1233	606	219	71	197	104	115	126	133	32	19	504	196	0	0	301	7905
77798	78163	2093	2094	2727	1322	1233	606	219	71	197	104	115	126	133	32	20	506	197	0	0	302	7910
78163	78528	2094	2095	2727	1322	1233	606	219	71	198	105	115	126	134	32	20	507	197	0	0	303	7915
78528	78893	2095	2096	2727	1322	1233	606	220	71	198	105	115	127	134	32	20	509	198	0	0	304	7920
78893	79259	2096	2097	2727	1322	1233	606	220	71	199	105	115	127	134	32	20	510	199	0	0	305	7925
79259	79624	2097	2098	2727	1322	1233	607	220	72	199	105	115	127	135	32	20	511	199	0	0	305	7929
79624	79989	2098	2099	2727	1322	1233	607	221	72	199	105	116	127	135	32	20	513	200	0	0	306	7934
79989	80354	2099	2100	2727	1322	1233	607	221	72	200	105	116	128	135	32	20	514	200	0	0	307	7938
80354	80719	2100	2101	2727	1322	1233	607	221	72	200	105	116	128	135	32	20	515	201	0	0	308	7943
80719	81084	2101	2102	2727	1322	1233	607	222	72	201	105	116	128	136	32	20	516	201	0	0	308	7947
81084	81449	2102	2103	2727	1322	1233	608	222	72	201	105	116	128	136	32	20	518	202	0	0	309	7951
81449	81814	2103	2104	2727	1322	1233	608	222	72	202	105	116	128	136	32	20	519	202	0	0	310	7955
81814	82180	2104	2105	2727	1322	1233	608	222	72	202	105	116	128	136	32	20	520	203	0	0	310	7959
82180	82545	2105	2106	2727	1322	1233	608	223	72	202	105	116	129	137	33	20	521	203	0	0	311	7963
82545	82910	2106	2107	2727	1322	1233	608	223	72	203	106	116	129	137	33	20	522	204	0	0	312	7966
82910	83275	2107	2108	2727	1322	1233	609	223	72	203	106	116	129	137	33	20	523	204	0	0	312	7970
83275	83641	2108	2109	2727	1322	1233	609	223	72	204	106	116	129	137	33	20	524	205	0	0	313	7974
83641	84006	2109	2110	2727	1322	1233	609	224	72	204	106	117	129	138	33	21	525	205	0	0	314	7977
84006	84371	2110	2111	2727	1323	1233	609	224	72	204	106	117	129	138	33	21	526	206	0	0	314	7981
84371	84736	2111	2112	2727	1323	1233	609	224	72	205	106	117	130	138	33	21	527	206	0	0	315	7984
84736	85102	2112	2113	2727	1323	1233	609	224	72	205	106	117	130	138	33	21	528	207	0	0	315	7987
85102	85467	2113	2114	2727	1323	1233	610	225	72	205	106	117	130	138	33	21	529	207	0	0	316	7990

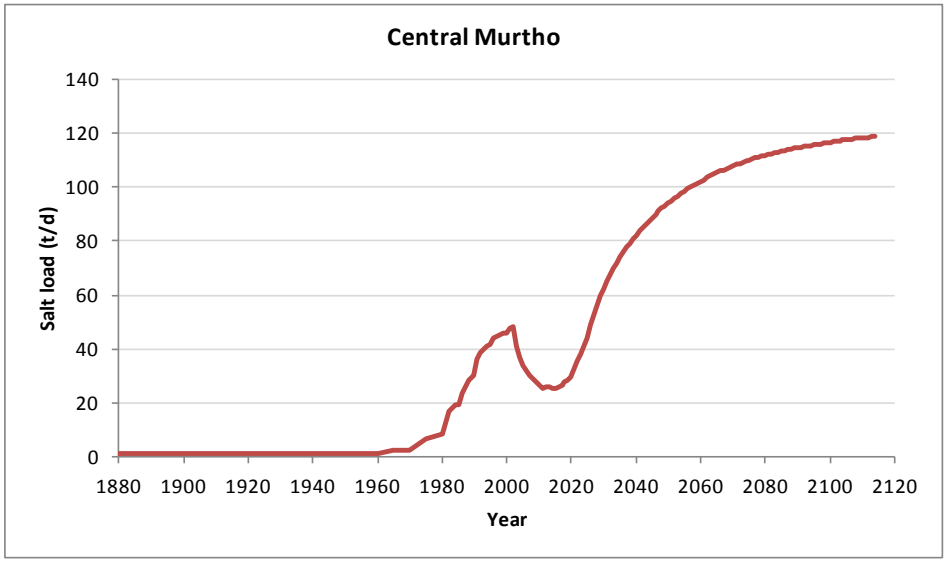
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
67571	67936	2065	2066	3.7	1.8	1.7	0.8	0.8	1.5	3.9	2.1	2.4	2.5	2.6	0.6	0.4	9.5	3.6	0.0	0.0	7.4	45.1
67936	68301	2066	2067	3.7	1.8	1.7	0.8	0.8	1.5	3.9	2.1	2.4	2.5	2.6	0.6	0.4	9.5	3.6	0.0	0.0	7.4	45.4
68301	68666	2067	2068	3.7	1.8	1.7	0.8	0.8	1.5	4.0	2.2	2.4	2.5	2.6	0.6	0.4	9.6	3.7	0.0	0.0	7.5	45.6
68666	69032	2068	2069	3.7	1.8	1.7	0.8	0.8	1.5	4.0	2.2	2.4	2.5	2.6	0.6	0.4	9.7	3.7	0.0	0.0	7.6	45.8
69032	69397	2069	2070	3.7	1.8	1.7	0.8	0.8	1.5	4.0	2.2	2.4	2.5	2.6	0.6	0.4	9.7	3.7	0.0	0.0	7.6	46.0
69397	69762	2070	2071	3.7	1.8	1.7	0.8	0.8	1.5	4.0	2.2	2.4	2.5	2.6	0.6	0.4	9.8	3.7	0.0	0.0	7.7	46.2
69762	70127	2071	2072	3.7	1.8	1.7	0.8	0.8	1.5	4.0	2.2	2.4	2.5	2.6	0.6	0.4	9.8	3.8	0.0	0.0	7.7	46.4
70127	70493	2072	2073	3.7	1.8	1.7	0.8	0.8	1.5	4.1	2.2	2.4	2.6	2.7	0.6	0.4	9.9	3.8	0.0	0.0	7.7	46.6
70493	70858	2073	2074	3.7	1.8	1.7	0.8	0.8	1.6	4.1	2.2	2.4	2.6	2.7	0.6	0.4	10.0	3.8	0.0	0.0	7.8	46.8
70858	71223	2074	2075	3.7	1.8	1.7	0.8	0.8	1.6	4.1	2.2	2.4	2.6	2.7	0.6	0.4	10.0	3.8	0.0	0.0	7.8	47.0
71223	71588	2075	2076	3.7	1.8	1.7	0.8	0.8	1.6	4.1	2.2	2.4	2.6	2.7	0.6	0.4	10.1	3.9	0.0	0.0	7.9	47.1
71588	71954	2076	2077	3.7	1.8	1.7	0.8	0.8	1.6	4.1	2.2	2.4	2.6	2.7	0.7	0.4	10.1	3.9	0.0	0.0	7.9	47.3
71954	72319	2077	2078	3.7	1.8	1.7	0.8	0.8	1.6	4.2	2.2	2.4	2.6	2.7	0.7	0.4	10.2	3.9	0.0	0.0	8.0	47.5
72319	72684	2078	2079	3.7	1.8	1.7	0.8	0.8	1.6	4.2	2.2	2.4	2.6	2.7	0.7	0.4	10.2	3.9	0.0	0.0	8.0	47.6
72684	73049	2079	2080	3.7	1.8	1.7	0.8	0.8	1.6	4.2	2.2	2.4	2.6	2.7	0.7	0.4	10.3	4.0	0.0	0.0	8.0	47.8
73049	73415	2080	2081	3.7	1.8	1.7	0.8	0.8	1.6	4.2	2.2	2.4	2.6	2.7	0.7	0.4	10.3	4.0	0.0	0.0	8.1	47.9
73415	73780	2081	2082	3.7	1.8	1.7	0.8	0.8	1.6	4.2	2.2	2.4	2.6	2.8	0.7	0.4	10.4	4.0	0.0	0.0	8.1	48.1
73780	74145	2082	2083	3.7	1.8	1.7	0.8	0.8	1.6	4.2	2.2	2.4	2.6	2.8	0.7	0.4	10.4	4.0	0.0	0.0	8.1	48.2
74145	74510	2083	2084	3.7	1.8	1.7	0.8	0.8	1.6	4.3	2.2	2.4	2.6	2.8	0.7	0.4	10.4	4.0	0.0	0.0	8.2	48.4
74510	74876	2084	2085	3.7	1.8	1.7	0.8	0.8	1.6	4.3	2.2	2.4	2.6	2.8	0.7	0.4	10.5	4.1	0.0	0.0	8.2	48.5
74876	75241	2085	2086	3.7	1.8	1.7	0.8	0.8	1.6	4.3	2.2	2.4	2.7	2.8	0.7	0.4	10.5	4.1	0.0	0.0	8.2	48.6
75241	75606	2086	2087	3.7	1.8	1.7	0.8	0.8	1.6	4.3	2.2	2.4	2.7	2.8	0.7	0.4	10.6	4.1	0.0	0.0	8.3	48.7
75606	75971	2087	2088	3.7	1.8	1.7	0.8	0.8	1.6	4.3	2.2	2.4	2.7	2.8	0.7	0.4	10.6	4.1	0.0	0.0	8.3	48.9
75971	76337	2088	2089	3.7	1.8	1.7	0.8	0.8	1.6	4.3	2.2	2.4	2.7	2.8	0.7	0.4	10.6	4.1	0.0	0.0	8.3	49.0
76337	76702	2089	2090	3.7	1.8	1.7	0.8	0.8	1.6	4.3	2.2	2.4	2.7	2.8	0.7	0.4	10.7	4.1	0.0	0.0	8.3	49.1
76702	77067	2090	2091	3.7	1.8	1.7	0.8	0.8	1.6	4.3	2.2	2.4	2.7	2.8	0.7	0.4	10.7	4.2	0.0	0.0	8.4	49.2
77067	77432	2091	2092	3.7	1.8	1.7	0.8	0.8	1.6	4.4	2.2	2.5	2.7	2.8	0.7	0.4	10.7	4.2	0.0	0.0	8.4	49.3
77432	77798	2092	2093	3.7	1.8	1.7	0.8	0.8	1.6	4.4	2.2	2.5	2.7	2.8	0.7	0.4	10.8	4.2	0.0	0.0	8.4	49.4
77798	78163	2093	2094	3.7	1.8	1.7	0.8	0.8	1.6	4.4	2.2	2.5	2.7	2.8	0.7	0.4	10.8	4.2	0.0	0.0	8.4	49.5
78163	78528	2094	2095	3.7	1.8	1.7	0.8	0.8	1.6	4.4	2.2	2.5	2.7	2.9	0.7	0.4	10.8	4.2	0.0	0.0	8.5	49.6
78528	78893	2095	2096	3.7	1.8	1.7	0.8	0.8	1.6	4.4	2.2	2.5	2.7	2.9	0.7	0.4	10.9	4.2	0.0	0.0	8.5	49.7
78893	79259	2096	2097	3.7	1.8	1.7	0.8	0.8	1.6	4.4	2.2	2.5	2.7	2.9	0.7	0.4	10.9	4.2	0.0	0.0	8.5	49.8
79259	79624	2097	2098	3.7	1.8	1.7	0.8	0.8	1.6	4.4	2.2	2.5	2.7	2.9	0.7	0.4	10.9	4.3	0.0	0.0	8.5	49.9
79624	79989	2098	2099	3.7	1.8	1.7	0.8	0.8	1.6	4.4	2.2	2.5	2.7	2.9	0.7	0.4	10.9	4.3	0.0	0.0	8.6	50.0
79989	80354	2099	2100	3.7	1.8	1.7	0.8	0.8	1.6	4.4	2.2	2.5	2.7	2.9	0.7	0.4	11.0	4.3	0.0	0.0	8.6	50.1
80354	80719	2100	2101	3.7	1.8	1.7	0.8	0.8	1.6	4.5	2.2	2.5	2.7	2.9	0.7	0.4	11.0	4.3	0.0	0.0	8.6	50.2
80719	81084	2101	2102	3.7	1.8	1.7	0.8	0.8	1.6	4.5	2.2	2.5	2.7	2.9	0.7	0.4	11.0	4.3	0.0	0.0	8.6	50.3
81084	81449	2102	2103	3.7	1.8	1.7	0.8	0.9	1.6	4.5	2.2	2.5	2.7	2.9	0.7	0.4	11.1	4.3	0.0	0.0	8.6	50.4
81449	81814	2103	2104	3.7	1.8	1.7	0.8	0.9	1.6	4.5	2.2	2.5	2.7	2.9	0.7	0.4	11.1	4.3	0.0	0.0	8.7	50.5
81814	82180	2104	2105	3.7	1.8	1.7	0.8	0.9	1.6	4.5	2.3	2.5	2.7	2.9	0.7	0.4	11.1	4.3	0.0	0.0	8.7	50.5
82180	82545	2105	2106	3.7	1.8	1.7	0.8	0.9	1.6	4.5	2.3	2.5	2.7	2.9	0.7	0.4	11.1	4.3	0.0	0.0	8.7	50.6
82545	82910	2106	2107	3.7	1.8	1.7	0.8	0.9	1.6	4.5	2.3	2.5	2.8	2.9	0.7	0.4	11.1	4.4	0.0	0.0	8.7	50.7
82910	83275	2107	2108	3.7	1.8	1.7	0.8	0.9	1.6	4.5	2.3	2.5	2.8	2.9	0.7	0.4	11.2	4.4	0.0	0.0	8.7	50.8
83275	83641	2108	2109	3.7	1.8	1.7	0.8	0.9	1.6	4.5	2.3	2.5	2.8	2.9	0.7	0.4	11.2	4.4	0.0	0.0	8.7	50.8
83641	84006	2109	2110	3.7	1.8	1.7	0.8	0.9	1.6	4.5	2.3	2.5	2.8	2.9	0.7	0.4	11.2	4.4	0.0	0.0	8.8	50.9
84006	84371	2110	2111	3.7	1.8	1.7	0.8	0.9	1.6	4.5	2.3	2.5	2.8	2.9	0.7	0.4	11.2	4.4	0.0	0.0	8.8	51.0
84371	84736	2111	2112	3.7	1.8	1.7	0.8	0.9	1.6	4.6	2.3	2.5	2.8	2.9	0.7	0.4	11.3	4.4	0.0	0.0	8.8	51.0
84736	85102	2112	2113	3.7	1.8	1.7	0.8	0.9	1.6	4.6	2.3	2.5	2.8	3.0	0.7	0.4	11.3	4.4	0.0	0.0	8.8	51.1
85102	85467	2113	2114	3.7	1.8	1.7	0.8	0.9	1.6	4.6	2.3	2.5	2.8	3.0	0.7	0.4	11.3	4.4	0.0	0.0	8.8	51.2

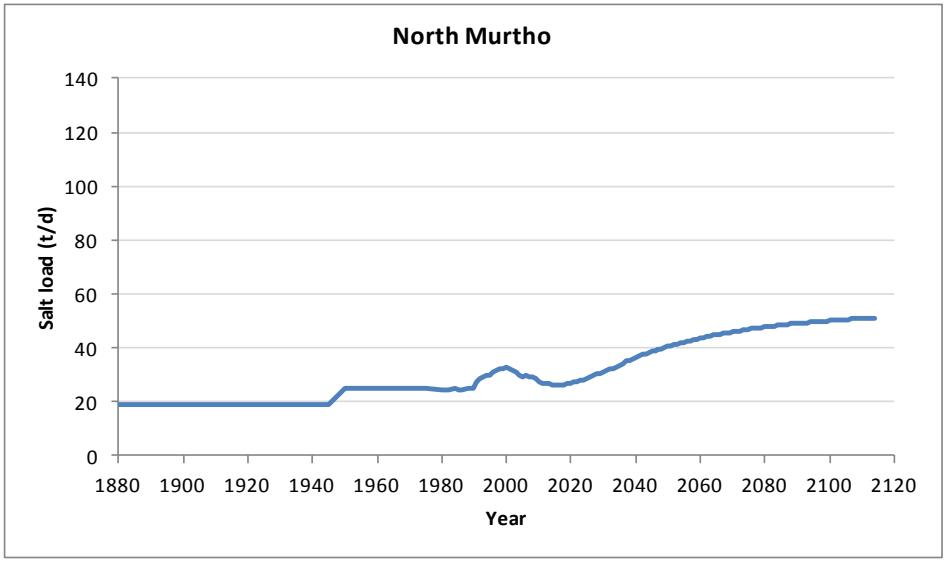
B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S4 model)



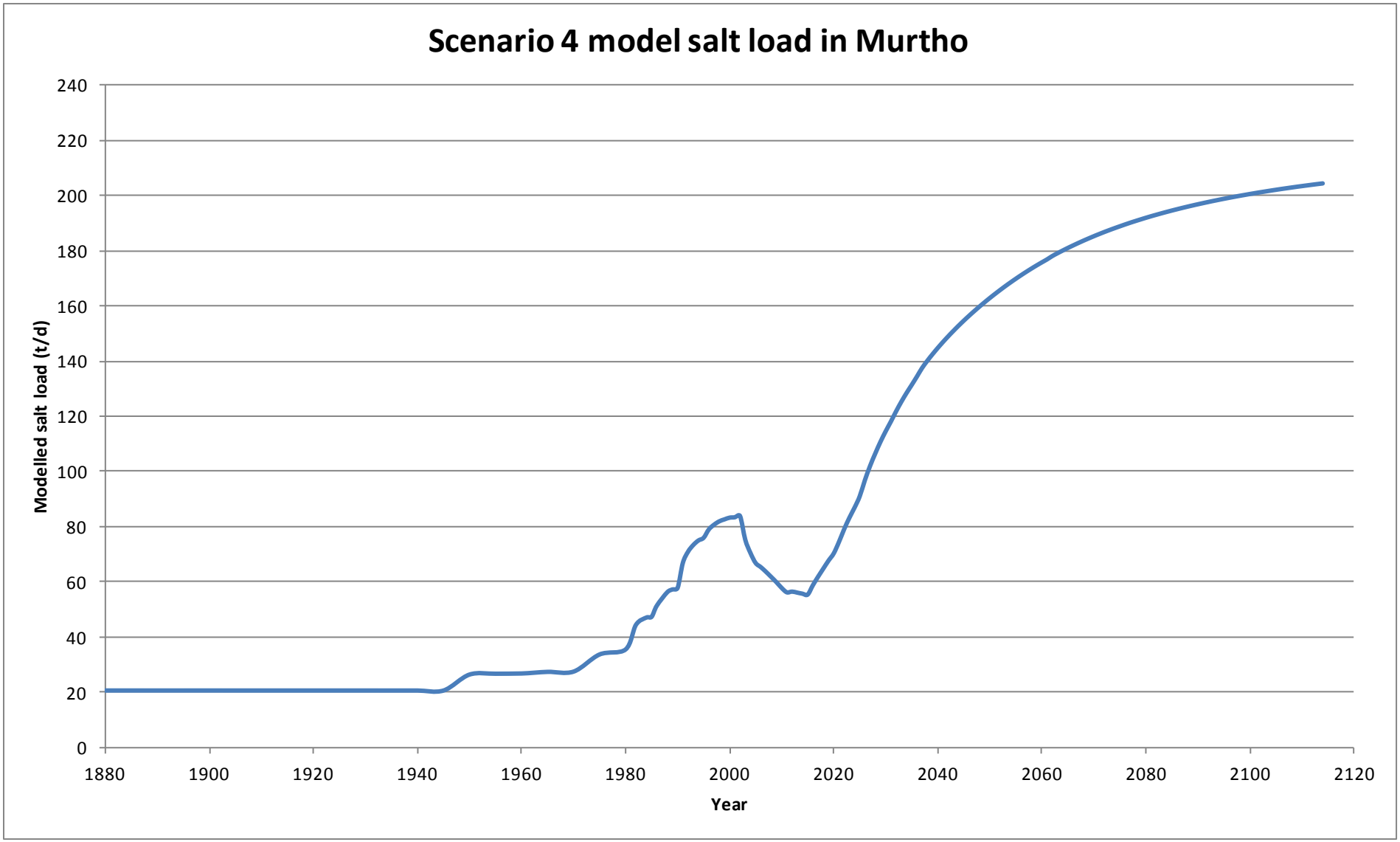
B-3. Graph of modelled groundwater flux (m³/d) entering the River Murray in Murtho (S4 model)







B-3. Graph of modelled salt load (t/d) entering the River Murray in Murtho (S4 model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Murtho (S4 model)

Scenario 5

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
0	1	1880	1880	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
1	1827	1880	1885	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
1827	3653	1885	1890	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
3653	5479	1890	1895	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
5479	7305	1895	1900	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
7305	9131	1900	1905	27	16	14	5	4	0	1	6	19	2	12	13	30	31	12	0	0	192
9131	10957	1905	1910	27	16	14	6	4	1	2	10	24	2	13	15	32	33	13	0	0	212
10957	12783	1910	1915	27	16	14	7	4	1	3	12	25	2	14	15	33	33	13	0	0	218
12783	14609	1915	1920	27	16	15	7	5	1	3	12	25	2	14	15	33	33	13	0	0	221
14609	16436	1920	1925	27	16	15	7	5	1	4	13	25	2	14	15	33	33	13	0	0	223
16436	18262	1925	1930	27	16	15	7	5	1	4	13	25	2	14	15	33	33	13	0	0	224
18262	20088	1930	1935	27	16	15	8	5	1	4	13	25	2	14	15	33	33	13	0	0	224
20088	21914	1935	1940	30	43	244	157	20	8	13	14	26	2	14	15	33	33	13	0	16	682
21914	23741	1940	1945	31	50	263	173	24	10	18	15	26	2	14	15	34	33	13	0	20	741
23741	25567	1945	1950	32	54	281	271	63	47	109	46	28	2	15	16	34	33	13	0	23	1068
25567	27393	1950	1955	32	54	267	265	64	48	115	55	29	3	15	16	35	34	14	0	22	1068
27393	29219	1955	1960	115	75	269	267	70	59	229	245	86	3	20	26	46	33	13	0	61	1615
29219	31046	1960	1965	136	117	309	266	68	57	219	238	85	3	21	26	47	33	14	0	99	1737
31046	32872	1965	1970	144	126	316	259	65	53	190	195	71	3	19	23	41	30	12	0	106	1654
32872	34698	1970	1975	143	128	315	251	62	50	170	169	63	3	19	22	39	29	12	0	106	1580
34698	36524	1975	1980	146	130	317	259	65	52	195	248	72	3	19	23	38	26	11	0	107	1710
36524	37255	1980	1982	148	136	324	261	66	53	199	253	72	3	19	23	38	26	10	0	113	1744
37255	37985	1982	1984	153	148	337	262	66	54	200	251	72	3	19	23	37	24	10	0	123	1782
37985	38351	1984	1985	155	153	341	262	66	54	199	247	71	3	19	22	36	24	9	0	128	1790
38351	38716	1985	1986	158	157	346	263	67	54	198	245	70	3	19	22	36	23	9	0	131	1801
38716	39446	1986	1988	161	164	351	264	68	55	209	268	77	3	20	23	37	22	9	0	137	1868
39446	39812	1988	1989	163	168	352	265	69	56	217	285	81	3	20	24	37	22	9	0	140	1912
39812	40177	1989	1990	165	171	353	265	69	57	223	296	84	3	21	24	38	21	9	0	142	1943
40177	40542	1990	1991	172	173	352	266	70	58	229	331	94	3	21	25	38	20	8	0	147	2008
40542	40907	1991	1992	173	174	352	267	71	58	224	325	94	3	22	26	39	20	8	0	148	2004
40907	41273	1992	1993	173	176	353	267	71	58	219	315	91	3	22	26	38	20	8	0	149	1987
41273	41638	1993	1994	171	177	353	266	70	57	213	303	88	3	21	25	37	20	8	0	149	1965
41638	42003	1994	1995	170	177	351	265	70	57	208	293	86	3	21	25	37	20	8	0	148	1939
42003	42368	1995	1996	168	177	348	264	70	57	204	284	83	3	21	24	36	19	8	0	147	1915
42368	42734	1996	1997	167	177	345	262	70	56	199	273	81	3	21	24	36	19	8	0	146	1886
42734	43099	1997	1998	164	177	342	259	69	55	193	258	77	3	21	23	35	19	8	0	145	1849
43099	43464	1998	1999	160	176	338	257	69	55	185	243	73	3	20	23	34	19	8	0	143	1805
43464	43829	1999	2000	156	176	334	254	68	54	177	225	68	3	20	22	33	19	8	0	141	1756
43829	44195	2000	2001	150	175	329	250	67	52	167	200	60	3	19	21	31	18	7	0	137	1687
44195	44560	2001	2002	145	173	323	244	65	51	160	187	56	3	19	20	30	17	7	0	134	1635
44560	44925	2002	2003	142	171	317	239	64	49	154	183	55	3	18	19	28	16	7	0	132	1598
44925	45290	2003	2004	140	169	310	234	62	48	149	177	53	3	18	19	27	16	6	0	129	1559
45290	45656	2004	2005	137	167	303	229	61	47	145	171	51	3	18	18	26	15	6	0	126	1523
45656	46021	2005	2006	134	164	295	224	60	46	141	166	49	3	18	18	26	14	6	0	124	1487
46021	46386	2006	2007	132	161	288	219	59	45	138	162	48	3	17	18	24	13	5	0	121	1453
46386	46751	2007	2008	130	158	279	214	58	44	135	159	47	3	17	17	24	12	5	0	118	1421
46751	47117	2008	2009	128	156	271	209	57	43	133	157	46	3	17	17	23	11	4	0	115	1390
47117	47482	2009	2010	127	153	263	205	56	42	131	155	45	3	17	17	22	11	4	0	112	1363
47482	47847	2010	2011	125	149	254	200	56	42	130	154	45	3	17	17	22	11	4	0	110	1338
47847	48212	2011	2012	124	147	246	196	55	41	129	153	44	3	17	17	22	11	4	0	107	1316
48212	48578	2012	2013	122	144	239	192	55	41	128	152	44	3	17	16	22	11	4	0	105	1295
48578	48943	2013	2014	121	142	231	188	54	41	128	152	44	3	17	16	22	11	4	0	103	1275

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
0	1	1880	1880	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
1	1827	1880	1885	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
1827	3653	1885	1890	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
3653	5479	1890	1895	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
5479	7305	1895	1900	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
7305	9131	1900	1905	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.7
9131	10957	1905	1910	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.8
10957	12783	1910	1915	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
12783	14609	1915	1920	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
14609	16436	1920	1925	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
16436	18262	1925	1930	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
18262	20088	1930	1935	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
20088	21914	1935	1940	0.5	0.7	3.8	0.9	0.1	0.0	0.1	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	7.2
21914	23741	1940	1945	0.5	0.8	4.1	1.0	0.1	0.1	0.1	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	7.9
23741	25567	1945	1950	0.5	0.9	4.4	1.6	0.4	0.3	0.7	0.3	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	10.0
25567	27393	1950	1955	0.5	0.9	4.2	1.6	0.4	0.3	0.7	0.3	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	9.9
27393	29219	1955	1960	1.8	1.3	4.2	1.6	0.4	0.4	1.4	1.5	0.5	0.0	0.1	0.2	0.3	0.2	0.1	0.0	0.4	14.2
29219	31046	1960	1965	2.1	2.0	4.9	1.6	0.4	0.3	1.3	1.4	0.5	0.0	0.1	0.2	0.3	0.2	0.1	0.0	0.6	16.1
31046	32872	1965	1970	2.3	2.2	5.0	1.6	0.4	0.3	1.1	1.2	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	15.8
32872	34698	1970	1975	2.2	2.2	4.9	1.5	0.4	0.3	1.0	1.0	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	15.4
34698	36524	1975	1980	2.3	2.2	5.0	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	16.2
36524	37255	1980	1982	2.3	2.3	5.1	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	16.6
37255	37985	1982	1984	2.4	2.5	5.3	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.1
37985	38351	1984	1985	2.4	2.6	5.4	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.3
38351	38716	1985	1986	2.5	2.7	5.4	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.5
38716	39446	1986	1988	2.5	2.8	5.5	1.6	0.4	0.3	1.3	1.6	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.0
39446	39812	1988	1989	2.6	2.9	5.5	1.6	0.4	0.3	1.3	1.7	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.4
39812	40177	1989	1990	2.6	2.9	5.5	1.6	0.4	0.3	1.3	1.8	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.6
40177	40542	1990	1991	2.7	2.9	5.5	1.6	0.4	0.3	1.4	2.0	0.6	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.9	19.1
40542	40907	1991	1992	2.7	3.0	5.5	1.6	0.4	0.3	1.3	1.9	0.6	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.9	19.1
40907	41273	1992	1993	2.7	3.0	5.5	1.6	0.4	0.3	1.3	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.9	19.0
41273	41638	1993	1994	2.7	3.0	5.5	1.6	0.4	0.3	1.3	1.8	0.5	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.9	18.9
41638	42003	1994	1995	2.7	3.0	5.5	1.6	0.4	0.3	1.2	1.8	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.7
42003	42368	1995	1996	2.6	3.0	5.5	1.6	0.4	0.3	1.2	1.7	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.5
42368	42734	1996	1997	2.6	3.0	5.4	1.6	0.4	0.3	1.2	1.6	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.3
42734	43099	1997	1998	2.6	3.0	5.4	1.6	0.4	0.3	1.2	1.6	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.0
43099	43464	1998	1999	2.5	3.0	5.3	1.5	0.4	0.3	1.1	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	17.7
43464	43829	1999	2000	2.4	3.0	5.2	1.5	0.4	0.3	1.1	1.3	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	17.3
43829	44195	2000	2001	2.4	3.0	5.2	1.5	0.4	0.3	1.0	1.2	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	16.7
44195	44560	2001	2002	2.3	2.9	5.1	1.5	0.4	0.3	1.0	1.1	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	16.3
44560	44925	2002	2003	2.2	2.9	5.0	1.4	0.4	0.3	0.9	1.1	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	16.0
44925	45290	2003	2004	2.2	2.9	4.9	1.4	0.4	0.3	0.9	1.1	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	15.6
45290	45656	2004	2005	2.1	2.8	4.8	1.4	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	15.3
45656	46021	2005	2006	2.1	2.8	4.6	1.3	0.4	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	14.9
46021	46386	2006	2007	2.1	2.7	4.5	1.3	0.4	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.6
46386	46751	2007	2008	2.0	2.7	4.4	1.3	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.3
46751	47117	2008	2009	2.0	2.6	4.3	1.3	0.3	0.3	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.0
47117	47482	2009	2010	2.0	2.6	4.1	1.2	0.3	0.3	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.7
47482	47847	2010	2011	2.0	2.5	4.0	1.2	0.3	0.3	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.4
47847	48212	2011	2012	1.9	2.5	3.9	1.2	0.3	0.2	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.1
48212	48578	2012	2013	1.9	2.5	3.7	1.2	0.3	0.2	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	12.9
48578	48943	2013	2014	1.9	2.4	3.6	1.1	0.3	0.2	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.7

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S5 model)

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
48943	49308	2014	2015	121	140	227	185	54	40	127	151	44	3	17	16	21	11	4	0	101	1262
49308	49673	2015	2016	120	138	224	184	54	40	127	151	44	3	17	16	21	11	4	0	100	1253
49673	50039	2016	2017	131	146	252	196	55	42	139	161	45	3	17	17	22	11	4	0	111	1351
50039	50404	2017	2018	133	148	254	197	56	43	141	163	46	3	17	17	22	11	4	0	113	1368
50404	50769	2018	2019	134	149	254	197	56	43	141	163	46	3	17	17	22	11	4	0	113	1371
50769	51134	2019	2020	134	148	254	196	56	43	141	163	46	3	17	17	22	11	4	0	113	1370
51134	51500	2020	2021	135	148	253	196	56	43	141	163	46	3	17	17	22	11	4	0	114	1371
51500	51865	2021	2022	138	149	254	196	56	43	141	163	46	3	17	17	22	11	4	0	115	1376
51865	52230	2022	2023	140	151	255	197	56	43	141	163	46	3	17	17	22	11	4	0	117	1384
52230	52595	2023	2024	143	153	256	197	56	43	141	163	46	3	17	17	22	11	4	0	119	1393
52595	52961	2024	2025	146	155	258	198	56	43	141	164	46	3	17	17	23	11	4	0	121	1401
52961	53326	2025	2026	148	156	259	198	56	43	141	164	46	3	17	17	23	11	4	0	123	1409
53326	53691	2026	2027	150	158	261	199	56	43	141	164	46	3	17	17	23	11	4	0	125	1417
53691	54056	2027	2028	152	160	262	199	56	43	141	164	46	3	17	17	23	11	4	0	127	1425
54056	54422	2028	2029	153	161	264	200	57	43	142	164	46	3	17	17	23	11	4	0	128	1432
54422	54787	2029	2030	155	163	265	200	57	44	142	164	46	3	17	17	23	11	4	0	130	1439
54787	55152	2030	2031	156	164	267	201	57	44	142	164	46	3	17	17	23	11	4	0	131	1445
55152	55517	2031	2032	157	165	268	201	57	44	142	164	46	3	17	17	23	11	4	0	132	1451
55517	55883	2032	2033	159	167	269	202	57	44	142	164	46	3	17	17	23	11	4	0	134	1457
55883	56248	2033	2034	160	168	270	202	57	44	142	164	46	3	17	17	23	11	4	0	135	1463
56248	56613	2034	2035	162	169	271	202	57	44	142	164	46	3	17	17	23	11	4	0	136	1469
56613	56978	2035	2036	163	170	272	203	57	44	142	164	46	3	17	17	23	11	4	0	137	1474
56978	57344	2036	2037	165	171	273	203	57	44	142	164	46	3	17	17	23	11	4	0	138	1480
57344	57709	2037	2038	166	172	274	204	58	44	142	164	46	3	17	17	23	11	4	0	139	1485
57709	58074	2038	2039	168	173	275	204	58	44	143	164	46	3	17	17	23	11	4	0	140	1489
58074	58439	2039	2040	169	174	275	204	58	44	143	165	46	3	17	17	23	11	4	0	141	1494
58439	58805	2040	2041	170	174	276	204	58	44	143	165	46	3	17	17	23	11	4	0	142	1498
58805	59170	2041	2042	171	175	277	205	58	44	143	165	46	3	17	17	23	11	4	0	143	1502
59170	59535	2042	2043	173	176	277	205	58	44	143	165	46	3	17	17	23	11	4	0	144	1506
59535	59900	2043	2044	174	176	278	205	58	44	143	165	46	3	17	17	23	11	4	0	144	1510
59900	60266	2044	2045	176	177	279	205	58	44	143	165	46	3	17	17	23	11	4	0	145	1514
60266	60631	2045	2046	177	178	279	206	58	44	143	165	46	3	17	17	23	11	4	0	146	1517
60631	60996	2046	2047	178	178	280	206	58	45	143	165	46	3	17	17	23	11	4	0	147	1521
60996	61361	2047	2048	179	179	280	206	58	45	143	165	46	3	17	17	23	11	4	0	147	1524
61361	61727	2048	2049	180	179	280	206	58	45	143	165	47	3	17	17	23	11	4	0	148	1526
61727	62092	2049	2050	181	180	281	206	58	45	143	165	47	3	17	17	23	11	4	0	148	1529
62092	62457	2050	2051	181	180	281	206	58	45	143	165	47	3	17	17	23	11	4	0	149	1532
62457	62822	2051	2052	182	181	281	206	59	45	143	165	47	3	17	17	23	11	4	0	149	1534
62822	63188	2052	2053	183	181	282	207	59	45	143	165	47	3	17	17	23	11	4	0	150	1536
63188	63553	2053	2054	184	181	282	207	59	45	143	165	47	3	17	17	23	11	4	0	150	1538
63553	63918	2054	2055	184	182	282	207	59	45	143	165	47	3	17	17	23	11	4	0	150	1540
63918	64283	2055	2056	185	182	283	207	59	45	143	165	47	3	17	17	23	11	4	0	151	1541
64283	64649	2056	2057	185	182	283	207	59	45	144	165	47	3	17	17	23	11	4	0	151	1543
64649	65014	2057	2058	186	182	283	207	59	45	144	165	47	3	17	17	23	11	4	0	151	1545
65014	65379	2058	2059	186	183	283	207	59	45	144	165	47	3	17	17	23	11	4	0	152	1546
65379	65744	2059	2060	187	183	284	207	59	45	144	165	47	3	17	17	23	11	4	0	152	1548
65744	66110	2060	2061	187	183	284	207	59	45	144	165	47	3	17	17	23	11	4	0	152	1549
66110	66475	2061	2062	187	183	284	207	59	45	144	165	47	3	17	17	23	11	4	0	152	1550
66475	66840	2062	2063	188	184	284	208	59	45	144	165	47	3	17	17	23	11	4	0	153	1551
66840	67205	2063	2064	188	184	284	208	59	45	144	165	47	3	17	17	23	11	4	0	153	1552
67205	67571	2064	2065	188	184	284	208	59	45	144	165	47	3	17	17	23	11	4	0	153	1554

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
48943	49308	2014	2015	1.9	2.4	3.6	1.1	0.3	0.2	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.5
49308	49673	2015	2016	1.9	2.4	3.5	1.1	0.3	0.2	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.4
49673	50039	2016	2017	2.0	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.5
50039	50404	2017	2018	2.1	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.6
50404	50769	2018	2019	2.1	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.7
50769	51134	2019	2020	2.1	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.7
51134	51500	2020	2021	2.1	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.7
51500	51865	2021	2022	2.2	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.7
51865	52230	2022	2023	2.2	2.6	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.8
52230	52595	2023	2024	2.2	2.6	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.0
52595	52961	2024	2025	2.3	2.6	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.1
52961	53326	2025	2026	2.3	2.7	4.1	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.2
53326	53691	2026	2027	2.4	2.7	4.1	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
53691	54056	2027	2028	2.4	2.7	4.1	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
54056	54422	2028	2029	2.4	2.7	4.1	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
54422	54787	2029	2030	2.4	2.8	4.2	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
54787	55152	2030	2031	2.5	2.8	4.2	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.6
55152	55517	2031	2032	2.5	2.8	4.2	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.7
55517	55883	2032	2033	2.5	2.8	4.2	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.8
55883	56248	2033	2034	2.5	2.9	4.2	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.8
56248	56613	2034	2035	2.5	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	14.9
56613	56978	2035	2036	2.6	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.0
56978	57344	2036	2037	2.6	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.1
57344	57709	2037	2038	2.6	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.1
57709	58074	2038	2039	2.6	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.2
58074	58439	2039	2040	2.7	3.0	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.2
58439	58805	2040	2041	2.7	3.0	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.3
58805	59170	2041	2042	2.7	3.0	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.3
59170	59535	2042	2043	2.7	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.4
59535	59900	2043	2044	2.7	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.4
59900	60266	2044	2045	2.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.5
60266	60631	2045	2046	2.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.5
60631	60996	2046	2047	2.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.6
60996	61361	2047	2048	2.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.6
61361	61727	2048	2049	2.8	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.6
61727	62092	2049	2050	2.8	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.7
62092	62457	2050	2051	2.8	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.7
62457	62822	2051	2052	2.9	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.7
62822	63188	2052	2053	2.9	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.8
63188	63553	2053	2054	2.9	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.8
63553	63918	2054	2055	2.9	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.8
63918	64283	2055	2056	2.9	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.9	15.8
64283	64649	2056	2057	2.9	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
64649	65014	2057	2058	2.9	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
65014	65379	2058	2059	2.9	3.1	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
65379	65744	2059	2060	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
65744	66110	2060	2061	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
66110	66475	2061	2062	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	15.9
66475	66840	2062	2063	2.9	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.0
66840	67205	2063	2064	3.0	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.0
67205	67571	2064	2065	3.0	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.0

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S5 model)

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
67571	67936	2065	2066	189	184	285	208	59	45	144	165	47	3	17	17	23	11	4	0	153	1555
67936	68301	2066	2067	189	184	285	208	59	45	144	165	47	3	17	17	23	11	4	0	154	1556
68301	68666	2067	2068	189	184	285	208	59	45	144	165	47	3	17	17	23	11	4	0	154	1556
68666	69032	2068	2069	190	185	285	208	59	45	144	165	47	3	17	17	23	11	4	0	154	1557
69032	69397	2069	2070	190	185	285	208	59	45	144	165	47	3	17	17	23	11	4	0	154	1558
69397	69762	2070	2071	190	185	285	208	59	45	144	165	47	3	17	17	23	11	4	0	154	1559
69762	70127	2071	2072	190	185	285	208	59	45	144	165	47	3	17	17	23	11	4	0	154	1560
70127	70493	2072	2073	191	185	285	208	59	45	144	165	47	3	17	17	23	11	4	0	154	1560
70493	70858	2073	2074	191	185	286	208	59	45	144	165	47	3	17	17	23	11	4	0	155	1561
70858	71223	2074	2075	191	185	286	208	59	45	144	166	47	3	17	17	23	11	4	0	155	1562
71223	71588	2075	2076	191	185	286	208	59	45	144	166	47	3	17	17	23	11	4	0	155	1562
71588	71954	2076	2077	191	186	286	208	59	45	144	166	47	3	17	17	23	11	4	0	155	1563
71954	72319	2077	2078	192	186	286	208	59	45	144	166	47	3	17	17	23	11	4	0	155	1564
72319	72684	2078	2079	192	186	286	208	59	45	144	166	47	3	17	17	23	11	4	0	155	1564
72684	73049	2079	2080	192	186	286	208	59	45	144	166	47	3	17	17	23	11	4	0	155	1565
73049	73415	2080	2081	192	186	286	208	59	45	144	166	47	3	17	17	23	11	4	0	155	1565
73415	73780	2081	2082	192	186	286	208	59	45	144	166	47	3	17	17	23	11	4	0	156	1566
73780	74145	2082	2083	192	186	286	208	59	45	144	166	47	3	17	17	23	11	4	0	156	1566
74145	74510	2083	2084	193	186	286	208	59	45	144	166	47	3	17	17	23	11	4	0	156	1567
74510	74876	2084	2085	193	186	286	208	59	45	144	166	47	3	18	17	23	11	4	0	156	1567
74876	75241	2085	2086	193	186	286	208	59	45	144	166	47	3	18	17	23	11	4	0	156	1567
75241	75606	2086	2087	193	186	287	208	59	45	144	166	47	3	18	17	23	11	4	0	156	1568
75606	75971	2087	2088	193	186	287	208	59	45	144	166	47	3	18	17	23	11	4	0	156	1568
75971	76337	2088	2089	193	187	287	208	59	45	144	166	47	3	18	17	23	11	4	0	156	1569
76337	76702	2089	2090	193	187	287	209	59	45	144	166	47	3	18	17	23	11	4	0	156	1569
76702	77067	2090	2091	193	187	287	209	59	45	144	166	47	3	18	18	23	11	4	0	156	1569
77067	77432	2091	2092	194	187	287	209	59	45	144	166	47	3	18	18	23	11	4	0	156	1570
77432	77798	2092	2093	194	187	287	209	59	45	144	166	47	3	18	18	23	11	4	0	156	1570
77798	78163	2093	2094	194	187	287	209	59	45	144	166	47	3	18	18	23	11	4	0	156	1570
78163	78528	2094	2095	194	187	287	209	59	45	144	166	47	3	18	18	23	11	4	0	156	1571
78528	78893	2095	2096	194	187	287	209	59	45	144	166	47	3	18	18	23	11	4	0	156	1571
78893	79259	2096	2097	194	187	287	209	59	45	144	166	47	3	18	18	23	11	4	0	157	1571
79259	79624	2097	2098	194	187	287	209	59	45	144	166	47	3	18	18	23	11	4	0	157	1571
79624	79989	2098	2099	194	187	287	209	59	45	144	166	47	3	18	18	23	11	4	0	157	1572
79989	80354	2099	2100	194	187	287	209	59	45	144	166	47	3	18	18	23	11	4	0	157	1572
80354	80719	2100	2101	194	187	287	209	59	45	144	166	47	3	18	18	23	11	4	0	157	1572
80719	81084	2101	2102	194	187	287	209	59	45	144	166	47	3	18	18	23	11	4	0	157	1572
81084	81449	2102	2103	194	187	287	209	59	45	144	166	47	3	18	18	23	11	4	0	157	1573
81449	81814	2103	2104	194	187	287	209	60	45	144	166	47	3	18	18	23	11	4	0	157	1573
81814	82180	2104	2105	195	187	287	209	60	45	144	166	47	3	18	18	23	11	4	0	157	1573
82180	82545	2105	2106	195	187	287	209	60	45	144	166	47	3	18	18	23	11	4	0	157	1573
82545	82910	2106	2107	195	187	287	209	60	45	144	166	47	3	18	18	23	11	4	0	157	1573
82910	83275	2107	2108	195	187	287	209	60	45	144	166	47	3	18	18	23	11	4	0	157	1574
83275	83641	2108	2109	195	187	287	209	60	45	144	166	47	3	18	18	23	11	4	0	157	1574
83641	84006	2109	2110	195	187	287	209	60	45	144	166	47	3	18	18	23	11	4	0	157	1574
84006	84371	2110	2111	195	187	287	209	60	45	144	166	47	3	18	18	23	11	4	0	157	1574
84371	84736	2111	2112	195	187	287	209	60	45	144	166	47	3	18	18	23	11	4	0	157	1574
84736	85102	2112	2113	195	187	287	209	60	45	144	166	47	3	18	18	23	11	4	0	157	1574
85102	85467	2113	2114	195	187	287	209	60	45	144	166	47	3	18	18	23	11	4	0	157	1575

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
67571	67936	2065	2066	3.0	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.0
67936	68301	2066	2067	3.0	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.0
68301	68666	2067	2068	3.0	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.0
68666	69032	2068	2069	3.0	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.0
69032	69397	2069	2070	3.0	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.0
69397	69762	2070	2071	3.0	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.0
69762	70127	2071	2072	3.0	3.1	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.1
70127	70493	2072	2073	3.0	3.2	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.1
70493	70858	2073	2074	3.0	3.2	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.1
70858	71223	2074	2075	3.0	3.2	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.1
71223	71588	2075	2076	3.0	3.2	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.1
71588	71954	2076	2077	3.0	3.2	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.1
71954	72319	2077	2078	3.0	3.2	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.1
72319	72684	2078	2079	3.0	3.2	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.1
72684	73049	2079	2080	3.0	3.2	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.1
73049	73415	2080	2081	3.0	3.2	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.1
73415	73780	2081	2082	3.0	3.2	4.5	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.1
73780	74145	2082	2083	3.0	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.1
74145	74510	2083	2084	3.0	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.1
74510	74876	2084	2085	3.0	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.1
74876	75241	2085	2086	3.0	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
75241	75606	2086	2087	3.0	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
75606	75971	2087	2088	3.0	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
75971	76337	2088	2089	3.0	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
76337	76702	2089	2090	3.0	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
76702	77067	2090	2091	3.0	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
77067	77432	2091	2092	3.0	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
77432	77798	2092	2093	3.0	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
77798	78163	2093	2094	3.0	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
78163	78528	2094	2095	3.0	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
78528	78893	2095	2096	3.0	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
78893	79259	2096	2097	3.0	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
79259	79624	2097	2098	3.0	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
79624	79989	2098	2099	3.0	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
79989	80354	2099	2100	3.0	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
80354	80719	2100	2101	3.0	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
80719	81084	2101	2102	3.1	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
81084	81449	2102	2103	3.1	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
81449	81814	2103	2104	3.1	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
81814	82180	2104	2105	3.1	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
82180	82545	2105	2106	3.1	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
82545	82910	2106	2107	3.1	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
82910	83275	2107	2108	3.1	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
83275	83641	2108	2109	3.1	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
83641	84006	2109	2110	3.1	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
84006	84371	2110	2111	3.1	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
84371	84736	2111	2112	3.1	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
84736	85102	2112	2113	3.1	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2
85102	85467	2113	2114	3.1	3.2	4.5	1.3	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1.0	16.2

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S5 model)

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Flux
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)														
0	1	1880	1880	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
1	1827	1880	1885	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
1827	3653	1885	1890	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
3653	5479	1890	1895	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
5479	7305	1895	1900	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
7305	9131	1900	1905	4	37	50	65	45	25	7	4	10	2	33	13	33	159	487
9131	10957	1905	1910	4	37	50	65	45	25	7	4	10	2	33	13	33	159	488
10957	12783	1910	1915	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
12783	14609	1915	1920	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
14609	16436	1920	1925	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
16436	18262	1925	1930	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
18262	20088	1930	1935	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
20088	21914	1935	1940	4	37	50	65	45	25	7	4	10	2	33	13	34	160	490
21914	23741	1940	1945	4	37	50	65	45	25	7	4	11	2	33	14	34	160	492
23741	25567	1945	1950	4	37	50	65	45	26	7	4	11	2	33	14	35	161	495
25567	27393	1950	1955	4	37	50	65	45	26	7	4	11	2	33	14	35	161	497
27393	29219	1955	1960	4	37	50	65	46	26	7	4	12	3	35	16	49	180	534
29219	31046	1960	1965	4	39	51	65	48	28	7	4	13	3	40	17	54	222	596
31046	32872	1965	1970	4	42	52	66	55	41	7	5	14	8	74	25	87	722	1203
32872	34698	1970	1975	5	46	53	66	60	49	7	5	14	11	90	28	101	840	1374
34698	36524	1975	1980	5	48	53	66	62	52	7	5	15	12	95	29	106	892	1447
36524	37255	1980	1982	5	48	53	67	63	53	7	5	15	13	97	30	108	904	1467
37255	37985	1982	1984	5	49	53	67	64	53	7	5	15	13	98	31	110	917	1487
37985	38351	1984	1985	5	50	53	67	64	54	7	5	15	13	98	31	111	919	1492
38351	38716	1985	1986	5	50	53	67	64	54	7	5	15	13	99	31	111	922	1498
38716	39446	1986	1988	5	51	54	67	65	54	7	5	16	14	100	32	113	938	1519
39446	39812	1988	1989	5	51	54	67	65	55	7	5	16	14	100	32	114	944	1529
39812	40177	1989	1990	5	51	54	67	66	55	7	5	16	14	101	32	115	953	1541
40177	40542	1990	1991	5	53	54	67	72	95	7	5	17	35	149	34	120	964	1677
40542	40907	1991	1992	5	54	55	67	77	105	7	5	18	39	161	36	125	979	1732
40907	41273	1992	1993	5	56	55	67	79	108	8	5	18	40	165	37	127	983	1752
41273	41638	1993	1994	5	56	55	67	79	110	8	5	18	41	166	37	128	986	1762
41638	42003	1994	1995	5	57	55	68	80	110	8	5	19	41	167	37	129	978	1758
42003	42368	1995	1996	5	57	55	68	80	111	8	5	19	41	168	38	128	1000	1782
42368	42734	1996	1997	5	58	55	68	81	113	8	5	19	41	169	38	128	989	1777
42734	43099	1997	1998	5	58	55	68	82	113	8	5	19	42	169	38	127	971	1760
43099	43464	1998	1999	5	58	55	68	82	113	8	5	19	42	168	38	125	946	1732
43464	43829	1999	2000	5	59	55	68	82	113	8	5	19	41	166	37	123	923	1705
43829	44195	2000	2001	5	58	55	68	81	106	8	5	19	38	158	37	120	894	1651
44195	44560	2001	2002	5	58	55	68	80	104	8	5	19	37	154	36	116	865	1609
44560	44925	2002	2003	5	58	55	68	79	102	8	5	19	36	151	35	114	837	1572
44925	45290	2003	2004	5	58	55	68	79	101	8	5	18	36	148	35	111	814	1540
45290	45656	2004	2005	5	57	55	68	77	95	8	5	18	33	141	34	109	788	1494
45656	46021	2005	2006	5	57	55	68	76	93	8	5	18	32	138	34	106	766	1460
46021	46386	2006	2007	5	56	55	68	76	91	8	5	18	32	135	33	104	749	1435
46386	46751	2007	2008	5	56	55	68	75	90	8	5	18	31	134	33	102	736	1416
46751	47117	2008	2009	5	55	55	68	74	90	8	5	18	31	132	32	101	727	1401
47117	47482	2009	2010	5	55	55	68	74	89	8	5	18	31	131	32	100	720	1390
47482	47847	2010	2011	5	55	55	68	74	89	8	5	17	31	131	32	99	714	1381
47847	48212	2011	2012	5	55	54	68	74	88	8	5	17	30	130	32	99	710	1374
48212	48578	2012	2013	5	54	54	67	73	88	8	5	17	30	130	31	98	706	1368
48578	48943	2013	2014	5	54	54	67	73	88	8	5	17	30	129	31	97	703	1363

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Salt Load
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)														
0	1	1880	1880	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
1	1827	1880	1885	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
1827	3653	1885	1890	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
3653	5479	1890	1895	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
5479	7305	1895	1900	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
7305	9131	1900	1905	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
9131	10957	1905	1910	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
10957	12783	1910	1915	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
12783	14609	1915	1920	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
14609	16436	1920	1925	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
16436	18262	1925	1930	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
18262	20088	1930	1935	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
20088	21914	1935	1940	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.6	13.2
21914	23741	1940	1945	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.6	13.3
23741	25567	1945	1950	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.7	13.4
25567	27393	1950	1955	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.6	4.7	13.4
27393	29219	1955	1960	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	1.0	0.4	0.8	5.2	14.3
29219	31046	1960	1965	0.1	1.1	1.4	1.8	1.3	0.8	0.2	0.1	0.3	0.1	1.1	0.5	0.9	6.4	16.0
31046	32872	1965	1970	0.1	1.2	1.4	1.8	1.5	1.1	0.2	0.1	0.4	0.2	2.0	0.7	1.4	20.9	33.0
32872	34698	1970	1975	0.1	1.2	1.4	1.8	1.6	1.3	0.2	0.1	0.4	0.3	2.5	0.8	1.6	24.3	37.7
34698	36524	1975	1980	0.1	1.3	1.4	1.8	1.7	1.4	0.2	0.1	0.4	0.3	2.6	0.8	1.7	25.8	39.7
36524	37255	1980	1982	0.1	1.3	1.4	1.8	1.7	1.4	0.2	0.1	0.4	0.3	2.6	0.8	1.7	26.2	40.3
37255	37985	1982	1984	0.1	1.3	1.5	1.8	1.7	1.5	0.2	0.1	0.4	0.4	2.7	0.8	1.7	26.5	40.8
37985	38351	1984	1985	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.8	1.7	26.6	40.9
38351	38716	1985	1986	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.8	1.7	26.7	41.1
38716	39446	1986	1988	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.9	1.8	27.1	41.7
39446	39812	1988	1989	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.9	1.8	27.3	41.9
39812	40177	1989	1990	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.8	0.9	1.8	27.6	42.3
40177	40542	1990	1991	0.1	1.4	1.5	1.8	2.0	2.6	0.2	0.1	0.5	1.0	4.1	0.9	1.9	27.9	45.9
40542	40907	1991	1992	0.1	1.5	1.5	1.8	2.1	2.9	0.2	0.1	0.5	1.1	4.4	1.0	2.0	28.3	47.4
40907	41273	1992	1993	0.1	1.5	1.5	1.8	2.1	3.0	0.2	0.1	0.5	1.1	4.5	1.0	2.0	28.4	47.9
41273	41638	1993	1994	0.1	1.5	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.5	1.0	2.0	28.5	48.2
41638	42003	1994	1995	0.1	1.5	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.6	1.0	2.0	28.3	48.1
42003	42368	1995	1996	0.1	1.6	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.6	1.0	2.0	28.9	48.8
42368	42734	1996	1997	0.1	1.6	1.5	1.8	2.2	3.1	0.2	0.1	0.5	1.1	4.6	1.0	2.0	28.6	48.6
42734	43099	1997	1998	0.1	1.6	1.5	1.8	2.2	3.1	0.2	0.1	0.5	1.1	4.6	1.0	2.0	28.1	48.1
43099	43464	1998	1999	0.1	1.6	1.5	1.8	2.2	3.1	0.2	0.1	0.5	1.1	4.6	1.0	2.0	27.4	47.4
43464	43829	1999	2000	0.1	1.6	1.5	1.8	2.2	3.1	0.2	0.1	0.5	1.1	4.5	1.0	1.9	26.7	46.6
43829	44195	2000	2001	0.1	1.6	1.5	1.8	2.2	2.9	0.2	0.1	0.5	1.0	4.3	1.0	1.9	25.9	45.1
44195	44560	2001	2002	0.1	1.6	1.5	1.8	2.2	2.8	0.2	0.1	0.5	1.0	4.2	1.0	1.8	25.0	44.0
44560	44925	2002	2003	0.1	1.6	1.5	1.8	2.2	2.8	0.2	0.1	0.5	1.0	4.1	1.0	1.8	24.2	42.9
44925	45290	2003	2004	0.1	1.6	1.5	1.8	2.1	2.8	0.2	0.1	0.5	1.0	4.0	0.9	1.7	23.5	42.1
45290	45656	2004	2005	0.1	1.6	1.5	1.8	2.1	2.6	0.2	0.1	0.5	0.9	3.8	0.9	1.7	22.8	40.8
45656	46021	2005	2006	0.1	1.5	1.5	1.8	2.1	2.5	0.2	0.1	0.5	0.9	3.8	0.9	1.7	22.1	39.8
46021	46386	2006	2007	0.1	1.5	1.5	1.8	2.1	2.5	0.2	0.1	0.5	0.9	3.7	0.9	1.6	21.7	39.2
46386	46751	2007	2008	0.1	1.5	1.5	1.8	2.0	2.5	0.2	0.1	0.5	0.9	3.6	0.9	1.6	21.3	38.6
46751	47117	2008	2009	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.6	0.9	1.6	21.0	38.2
47117	47482	2009	2010	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.6	0.9	1.6	20.8	37.9
47482	47847	2010	2011	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.6	0.9	1.6	20.7	37.7
47847	48212	2011	2012	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.5	0.9	1.5	20.5	37.5
48212	48578	2012	2013	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.5	0.9	1.5	20.4	37.3
48578	48943	2013	2014	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.5	0.9	1.5	20.3	37.2

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S5 model)

				Simarloo															
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Flux
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)														
48943	49308	2014	2015	5	54	54	67	73	87	8	5	17	30	129	31	97	700	1359
49308	49673	2015	2016	5	54	54	67	73	87	8	5	17	30	129	31	97	706	1362
49673	50039	2016	2017	5	54	54	67	73	87	8	5	17	30	129	31	98	724	1382
50039	50404	2017	2018	5	54	54	67	73	88	8	5	17	30	130	31	99	739	1402
50404	50769	2018	2019	5	54	54	67	74	89	8	5	17	31	132	31	100	752	1418
50769	51134	2019	2020	5	54	54	67	74	89	8	5	17	31	133	32	101	762	1432
51134	51500	2020	2021	5	54	55	67	74	90	8	5	17	31	134	32	102	770	1444
51500	51865	2021	2022	5	55	55	68	74	90	8	5	17	31	134	32	103	777	1454
51865	52230	2022	2023	5	55	55	68	75	91	8	5	17	31	135	32	104	783	1463
52230	52595	2023	2024	5	55	55	68	75	91	8	5	17	32	136	32	105	788	1471
52595	52961	2024	2025	5	55	55	68	75	91	8	5	17	32	136	33	106	794	1479
52961	53326	2025	2026	5	56	55	68	75	92	8	5	17	32	137	33	107	798	1487
53326	53691	2026	2027	5	56	55	68	76	92	8	5	17	32	137	33	108	803	1494
53691	54056	2027	2028	5	56	55	68	76	92	8	5	18	32	138	33	108	807	1500
54056	54422	2028	2029	5	56	55	68	76	93	8	5	18	32	138	33	109	811	1507
54422	54787	2029	2030	5	56	55	68	76	93	8	5	18	32	138	34	110	815	1513
54787	55152	2030	2031	5	57	55	68	76	93	8	5	18	32	139	34	110	819	1518
55152	55517	2031	2032	5	57	55	68	77	93	8	5	18	32	139	34	111	823	1525
55517	55883	2032	2033	5	57	55	68	77	93	8	5	18	33	140	34	112	832	1536
55883	56248	2033	2034	5	57	55	68	77	94	8	5	18	33	140	34	113	847	1554
56248	56613	2034	2035	5	58	55	68	77	94	8	5	18	33	141	35	114	861	1572
56613	56978	2035	2036	5	58	55	68	78	95	8	5	18	33	142	35	116	874	1590
56978	57344	2036	2037	5	58	55	68	78	95	8	5	18	33	144	35	117	887	1608
57344	57709	2037	2038	5	58	55	68	78	96	8	5	18	34	145	36	119	902	1627
57709	58074	2038	2039	5	59	55	68	79	97	8	5	18	34	146	36	120	917	1647
58074	58439	2039	2040	5	59	56	68	79	97	8	5	19	34	147	36	122	932	1667
58439	58805	2040	2041	5	59	56	68	80	98	8	5	19	34	149	37	123	952	1693
58805	59170	2041	2042	5	60	56	68	80	99	8	5	19	35	151	37	125	996	1745
59170	59535	2042	2043	5	61	56	68	81	101	8	5	19	36	154	38	127	1032	1792
59535	59900	2043	2044	5	62	56	68	83	103	8	5	19	36	157	38	130	1061	1832
59900	60266	2044	2045	5	62	56	69	84	105	8	5	19	37	160	39	132	1085	1866
60266	60631	2045	2046	5	63	56	69	85	107	8	5	19	37	162	39	134	1105	1894
60631	60996	2046	2047	5	64	57	69	86	108	8	5	20	38	164	40	135	1121	1918
60996	61361	2047	2048	5	64	57	69	86	109	8	5	20	38	165	40	137	1135	1938
61361	61727	2048	2049	5	65	57	69	87	110	8	6	20	38	166	40	138	1147	1955
61727	62092	2049	2050	5	65	57	69	87	110	8	6	20	39	168	41	139	1158	1971
62092	62457	2050	2051	5	66	57	69	88	111	8	6	20	39	168	41	140	1168	1985
62457	62822	2051	2052	5	66	57	69	88	111	8	6	20	39	169	41	141	1176	1997
62822	63188	2052	2053	5	66	57	69	88	112	8	6	20	39	170	41	142	1184	2008
63188	63553	2053	2054	5	66	57	69	89	112	8	6	20	39	171	41	143	1191	2018
63553	63918	2054	2055	5	67	57	69	89	113	8	6	20	40	171	42	143	1198	2027
63918	64283	2055	2056	5	67	57	69	89	113	8	6	20	40	172	42	144	1204	2036
64283	64649	2056	2057	6	67	57	69	89	113	8	6	20	40	172	42	145	1210	2044
64649	65014	2057	2058	6	67	57	69	90	113	8	6	20	40	173	42	145	1215	2051
65014	65379	2058	2059	6	67	57	69	90	114	8	6	20	40	173	42	146	1220	2058
65379	65744	2059	2060	6	68	57	69	90	114	8	6	20	40	174	42	146	1224	2064
65744	66110	2060	2061	6	68	57	69	90	114	8	6	20	40	174	42	147	1228	2070
66110	66475	2061	2062	6	68	58	69	90	114	8	6	21	40	175	42	147	1232	2076
66475	66840	2062	2063	6	68	58	69	90	115	8	6	21	40	175	43	148	1236	2081
66840	67205	2063	2064	6	68	58	69	90	115	8	6	21	40	175	43	148	1239	2086
67205	67571	2064	2065	6	68	58	69	91	115	8	6	21	41	176	43	148	1243	2090

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Salt Load
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)														
48943	49308	2014	2015	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.5	0.8	1.5	20.3	37.1
49308	49673	2015	2016	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.5	0.8	1.5	20.4	37.2
49673	50039	2016	2017	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.5	0.8	1.5	20.9	37.8
50039	50404	2017	2018	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.6	0.8	1.6	21.4	38.3
50404	50769	2018	2019	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.6	0.9	1.6	21.8	38.8
50769	51134	2019	2020	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.6	0.9	1.6	22.0	39.1
51134	51500	2020	2021	0.1	1.5	1.5	1.8	2.0	2.5	0.2	0.1	0.5	0.8	3.6	0.9	1.6	22.3	39.5
51500	51865	2021	2022	0.1	1.5	1.5	1.8	2.0	2.5	0.2	0.1	0.5	0.9	3.7	0.9	1.6	22.5	39.7
51865	52230	2022	2023	0.1	1.5	1.5	1.8	2.0	2.5	0.2	0.1	0.5	0.9	3.7	0.9	1.6	22.6	40.0
52230	52595	2023	2024	0.1	1.5	1.5	1.8	2.0	2.5	0.2	0.1	0.5	0.9	3.7	0.9	1.6	22.8	40.2
52595	52961	2024	2025	0.1	1.5	1.5	1.8	2.1	2.5	0.2	0.1	0.5	0.9	3.7	0.9	1.7	23.0	40.4
52961	53326	2025	2026	0.1	1.5	1.5	1.8	2.1	2.5	0.2	0.1	0.5	0.9	3.7	0.9	1.7	23.1	40.6
53326	53691	2026	2027	0.1	1.5	1.5	1.8	2.1	2.5	0.2	0.1	0.5	0.9	3.7	0.9	1.7	23.2	40.8
53691	54056	2027	2028	0.1	1.5	1.5	1.8	2.1	2.5	0.2	0.1	0.5	0.9	3.8	0.9	1.7	23.3	41.0
54056	54422	2028	2029	0.1	1.5	1.5	1.8	2.1	2.5	0.2	0.1	0.5	0.9	3.8	0.9	1.7	23.5	41.2
54422	54787	2029	2030	0.1	1.5	1.5	1.8	2.1	2.5	0.2	0.1	0.5	0.9	3.8	0.9	1.7	23.6	41.3
54787	55152	2030	2031	0.1	1.5	1.5	1.8	2.1	2.5	0.2	0.1	0.5	0.9	3.8	0.9	1.7	23.7	41.5
55152	55517	2031	2032	0.1	1.6	1.5	1.9	2.1	2.5	0.2	0.1	0.5	0.9	3.8	0.9	1.7	23.8	41.7
55517	55883	2032	2033	0.1	1.6	1.5	1.9	2.1	2.5	0.2	0.1	0.5	0.9	3.8	0.9	1.8	24.1	42.0
55883	56248	2033	2034	0.1	1.6	1.5	1.9	2.1	2.6	0.2	0.1	0.5	0.9	3.8	0.9	1.8	24.5	42.5
56248	56613	2034	2035	0.1	1.6	1.5	1.9	2.1	2.6	0.2	0.1	0.5	0.9	3.9	0.9	1.8	24.9	43.0
56613	56978	2035	2036	0.1	1.6	1.5	1.9	2.1	2.6	0.2	0.1	0.5	0.9	3.9	1.0	1.8	25.3	43.5
56978	57344	2036	2037	0.1	1.6	1.5	1.9	2.1	2.6	0.2	0.1	0.5	0.9	3.9	1.0	1.8	25.7	44.0
57344	57709	2037	2038	0.1	1.6	1.5	1.9	2.1	2.6	0.2	0.1	0.5	0.9	4.0	1.0	1.9	26.1	44.5
57709	58074	2038	2039	0.1	1.6	1.5	1.9	2.1	2.6	0.2	0.1	0.5	0.9	4.0	1.0	1.9	26.5	45.1
58074	58439	2039	2040	0.1	1.6	1.5	1.9	2.2	2.7	0.2	0.1	0.5	0.9	4.0	1.0	1.9	27.0	45.6
58439	58805	2040	2041	0.1	1.6	1.5	1.9	2.2	2.7	0.2	0.1	0.5	0.9	4.1	1.0	1.9	27.5	46.3
58805	59170	2041	2042	0.1	1.6	1.5	1.9	2.2	2.7	0.2	0.1	0.5	1.0	4.1	1.0	2.0	28.8	47.8
59170	59535	2042	2043	0.1	1.7	1.5	1.9	2.2	2.8	0.2	0.1	0.5	1.0	4.2	1.0	2.0	29.9	49.1
59535	59900	2043	2044	0.1	1.7	1.5	1.9	2.3	2.8	0.2	0.1	0.5	1.0	4.3	1.0	2.0	30.7	50.2
59900	60266	2044	2045	0.1	1.7	1.5	1.9	2.3	2.9	0.2	0.1	0.5	1.0	4.4	1.1	2.1	31.4	51.2
60266	60631	2045	2046	0.1	1.7	1.5	1.9	2.3	2.9	0.2	0.1	0.5	1.0	4.4	1.1	2.1	32.0	51.9
60631	60996	2046	2047	0.1	1.7	1.5	1.9	2.3	2.9	0.2	0.1	0.5	1.0	4.5	1.1	2.1	32.4	52.6
60996	61361	2047	2048	0.1	1.8	1.5	1.9	2.4	3.0	0.2	0.1	0.5	1.0	4.5	1.1	2.1	32.8	53.2
61361	61727	2048	2049	0.1	1.8	1.6	1.9	2.4	3.0	0.2	0.2	0.5	1.0	4.5	1.1	2.2	33.2	53.6
61727	62092	2049	2050	0.1	1.8	1.6	1.9	2.4	3.0	0.2	0.2	0.5	1.1	4.6	1.1	2.2	33.5	54.1
62092	62457	2050	2051	0.1	1.8	1.6	1.9	2.4	3.0	0.2	0.2	0.5	1.1	4.6	1.1	2.2	33.8	54.4
62457	62822	2051	2052	0.1	1.8	1.6	1.9	2.4	3.0	0.2	0.2	0.5	1.1	4.6	1.1	2.2	34.0	54.8
62822	63188	2052	2053	0.1	1.8	1.6	1.9	2.4	3.0	0.2	0.2	0.5	1.1	4.6	1.1	2.2	34.3	55.1
63188	63553	2053	2054	0.1	1.8	1.6	1.9	2.4	3.1	0.2	0.2	0.5	1.1	4.7	1.1	2.2	34.5	55.4
63553	63918	2054	2055	0.1	1.8	1.6	1.9	2.4	3.1	0.2	0.2	0.5	1.1	4.7	1.1	2.3	34.7	55.6
63918	64283	2055	2056	0.1	1.8	1.6	1.9	2.4	3.1	0.2	0.2	0.6	1.1	4.7	1.1	2.3	34.8	55.9
64283	64649	2056	2057	0.2	1.8	1.6	1.9	2.4	3.1	0.2	0.2	0.6	1.1	4.7	1.1	2.3	35.0	56.1
64649	65014	2057	2058	0.2	1.8	1.6	1.9	2.4	3.1	0.2	0.2	0.6	1.1	4.7	1.1	2.3	35.1	56.3
65014	65379	2058	2059	0.2	1.8	1.6	1.9	2.4	3.1	0.2	0.2	0.6	1.1	4.7	1.1	2.3	35.3	56.5
65379	65744	2059	2060	0.2	1.8	1.6	1.9	2.5	3.1	0.2	0.2	0.6	1.1	4.7	1.2	2.3	35.4	56.6
65744	66110	2060	2061	0.2	1.8	1.6	1.9	2.5	3.1	0.2	0.2	0.6	1.1	4.8	1.2	2.3	35.5	56.8
66110	66475	2061	2062	0.2	1.9	1.6	1.9	2.5	3.1	0.2	0.2	0.6	1.1	4.8	1.2	2.3	35.6	56.9
66475	66840	2062	2063	0.2	1.9	1.6	1.9	2.5	3.1	0.2	0.2	0.6	1.1	4.8	1.2	2.3	35.8	57.1
66840	67205	2063	2064	0.2	1.9	1.6	1.9	2.5	3.1	0.2	0.2	0.6	1.1	4.8	1.2	2.3	35.9	57.2
67205	67571	2064	2065	0.2	1.9	1.6	1.9	2.5	3.1	0.2	0.2	0.6	1.1	4.8	1.2	2.3	35.9	57.3

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S5 model)

				Simarloo															
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Flux
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)														
67571	67936	2065	2066	6	68	58	69	91	115	8	6	21	41	176	43	149	1246	2095
67936	68301	2066	2067	6	69	58	69	91	115	8	6	21	41	176	43	149	1249	2099
68301	68666	2067	2068	6	69	58	69	91	115	8	6	21	41	176	43	149	1252	2103
68666	69032	2068	2069	6	69	58	69	91	116	8	6	21	41	177	43	150	1254	2107
69032	69397	2069	2070	6	69	58	69	91	116	8	6	21	41	177	43	150	1257	2110
69397	69762	2070	2071	6	69	58	69	91	116	8	6	21	41	177	43	150	1259	2114
69762	70127	2071	2072	6	69	58	69	91	116	8	6	21	41	177	43	151	1262	2117
70127	70493	2072	2073	6	69	58	69	91	116	8	6	21	41	177	43	151	1264	2120
70493	70858	2073	2074	6	69	58	69	91	116	8	6	21	41	178	43	151	1266	2123
70858	71223	2074	2075	6	69	58	69	91	116	8	6	21	41	178	43	151	1268	2126
71223	71588	2075	2076	6	69	58	69	91	116	8	6	21	41	178	43	152	1270	2128
71588	71954	2076	2077	6	69	58	70	92	116	8	6	21	41	178	44	152	1271	2131
71954	72319	2077	2078	6	69	58	70	92	116	8	6	21	41	178	44	152	1273	2133
72319	72684	2078	2079	6	69	58	70	92	117	8	6	21	41	178	44	152	1275	2136
72684	73049	2079	2080	6	70	58	70	92	117	8	6	21	41	179	44	152	1277	2138
73049	73415	2080	2081	6	70	58	70	92	117	8	6	21	41	179	44	153	1278	2140
73415	73780	2081	2082	6	70	58	70	92	117	8	6	21	41	179	44	153	1280	2142
73780	74145	2082	2083	6	70	58	70	92	117	8	6	21	41	179	44	153	1281	2144
74145	74510	2083	2084	6	70	58	70	92	117	8	6	21	41	179	44	153	1282	2146
74510	74876	2084	2085	6	70	58	70	92	117	8	6	21	41	179	44	153	1284	2148
74876	75241	2085	2086	6	70	58	70	92	117	8	6	21	41	179	44	153	1285	2150
75241	75606	2086	2087	6	70	58	70	92	117	8	6	21	41	179	44	154	1286	2152
75606	75971	2087	2088	6	70	58	70	92	117	8	6	21	41	180	44	154	1287	2153
75971	76337	2088	2089	6	70	58	70	92	117	8	6	21	41	180	44	154	1288	2155
76337	76702	2089	2090	6	70	58	70	92	117	8	6	21	41	180	44	154	1289	2157
76702	77067	2090	2091	6	70	58	70	92	117	8	6	21	42	180	44	154	1291	2158
77067	77432	2091	2092	6	70	58	70	92	117	8	6	21	42	180	44	154	1292	2160
77432	77798	2092	2093	6	70	58	70	92	117	8	6	21	42	180	44	154	1293	2161
77798	78163	2093	2094	6	70	58	70	92	118	8	6	21	42	180	44	154	1293	2162
78163	78528	2094	2095	6	70	58	70	92	118	8	6	21	42	180	44	155	1294	2164
78528	78893	2095	2096	6	70	58	70	92	118	8	6	21	42	180	44	155	1295	2165
78893	79259	2096	2097	6	70	58	70	93	118	8	6	21	42	180	44	155	1296	2166
79259	79624	2097	2098	6	70	58	70	93	118	8	6	21	42	180	44	155	1297	2167
79624	79989	2098	2099	6	70	58	70	93	118	8	6	21	42	181	44	155	1298	2169
79989	80354	2099	2100	6	70	58	70	93	118	8	6	21	42	181	44	155	1299	2170
80354	80719	2100	2101	6	70	58	70	93	118	8	6	21	42	181	44	155	1299	2171
80719	81084	2101	2102	6	71	58	70	93	118	8	6	21	42	181	44	155	1300	2172
81084	81449	2102	2103	6	71	58	70	93	118	8	6	21	42	181	44	155	1301	2173
81449	81814	2103	2104	6	71	58	70	93	118	8	6	21	42	181	44	155	1301	2174
81814	82180	2104	2105	6	71	58	70	93	118	8	6	21	42	181	44	155	1302	2175
82180	82545	2105	2106	6	71	58	70	93	118	8	6	21	42	181	44	156	1303	2176
82545	82910	2106	2107	6	71	58	70	93	118	8	6	21	42	181	44	156	1303	2177
82910	83275	2107	2108	6	71	58	70	93	118	8	6	21	42	181	44	156	1304	2177
83275	83641	2108	2109	6	71	58	70	93	118	8	6	21	42	181	44	156	1305	2178
83641	84006	2109	2110	6	71	58	70	93	118	8	6	21	42	181	44	156	1305	2179
84006	84371	2110	2111	6	71	58	70	93	118	8	6	21	42	181	44	156	1306	2180
84371	84736	2111	2112	6	71	58	70	93	118	8	6	21	42	181	44	156	1306	2181
84736	85102	2112	2113	6	71	58	70	93	118	8	6	21	42	181	44	156	1307	2181
85102	85467	2113	2114	6	71	58	70	93	118	8	6	21	42	181	45	156	1307	2182

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Salt Load
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)														
67571	67936	2065	2066	0.2	1.9	1.6	1.9	2.5	3.1	0.2	0.2	0.6	1.1	4.8	1.2	2.3	36.0	57.5
67936	68301	2066	2067	0.2	1.9	1.6	1.9	2.5	3.1	0.2	0.2	0.6	1.1	4.8	1.2	2.3	36.1	57.6
68301	68666	2067	2068	0.2	1.9	1.6	1.9	2.5	3.1	0.2	0.2	0.6	1.1	4.8	1.2	2.3	36.2	57.7
68666	69032	2068	2069	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.8	1.2	2.4	36.3	57.8
69032	69397	2069	2070	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.8	1.2	2.4	36.4	57.9
69397	69762	2070	2071	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.8	1.2	2.4	36.4	58.0
69762	70127	2071	2072	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.8	1.2	2.4	36.5	58.1
70127	70493	2072	2073	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.8	1.2	2.4	36.6	58.2
70493	70858	2073	2074	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.8	1.2	2.4	36.6	58.2
70858	71223	2074	2075	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.8	1.2	2.4	36.7	58.3
71223	71588	2075	2076	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	36.7	58.4
71588	71954	2076	2077	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	36.8	58.5
71954	72319	2077	2078	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	36.8	58.5
72319	72684	2078	2079	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	36.9	58.6
72684	73049	2079	2080	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	36.9	58.7
73049	73415	2080	2081	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.0	58.7
73415	73780	2081	2082	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.0	58.8
73780	74145	2082	2083	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.1	58.8
74145	74510	2083	2084	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.1	58.9
74510	74876	2084	2085	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.1	58.9
74876	75241	2085	2086	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.2	59.0
75241	75606	2086	2087	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.2	59.0
75606	75971	2087	2088	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.2	59.1
75971	76337	2088	2089	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.3	59.1
76337	76702	2089	2090	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.3	59.2
76702	77067	2090	2091	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.3	59.2
77067	77432	2091	2092	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.4	59.3
77432	77798	2092	2093	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.4	59.3
77798	78163	2093	2094	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.4	59.3
78163	78528	2094	2095	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.4	59.4
78528	78893	2095	2096	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.5	59.4
78893	79259	2096	2097	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.5	59.4
79259	79624	2097	2098	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.5	59.5
79624	79989	2098	2099	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.5	59.5
79989	80354	2099	2100	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.6	59.5
80354	80719	2100	2101	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.6	59.6
80719	81084	2101	2102	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.6	59.6
81084	81449	2102	2103	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.6	59.6
81449	81814	2103	2104	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.6	59.6
81814	82180	2104	2105	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.7	59.7
82180	82545	2105	2106	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.7	59.7
82545	82910	2106	2107	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.7	59.7
82910	83275	2107	2108	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.7	59.7
83275	83641	2108	2109	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.7	59.8
83641	84006	2109	2110	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.8	59.8
84006	84371	2110	2111	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.8	59.8
84371	84736	2111	2112	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.8	59.8
84736	85102	2112	2113	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.8	59.9
85102	85467	2113	2114	0.2	1.9	1.6	1.9	2.5	3.2	0.2	0.2	0.6	1.1	4.9	1.2	2.4	37.8	59.9

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S5 model)

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Flux
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)								
0	1	1880	1880	0	827	78	4	128	218	38	237	1530
1	1827	1880	1885	0	827	78	4	128	218	38	237	1530
1827	3653	1885	1890	0	827	78	4	128	218	38	237	1530
3653	5479	1890	1895	0	827	78	4	128	218	38	237	1530
5479	7305	1895	1900	0	827	78	4	128	218	38	237	1530
7305	9131	1900	1905	0	827	78	4	128	218	38	237	1530
9131	10957	1905	1910	0	827	78	4	128	218	38	237	1530
10957	12783	1910	1915	0	827	78	4	128	218	38	237	1530
12783	14609	1915	1920	0	827	78	4	128	218	38	237	1530
14609	16436	1920	1925	0	827	78	4	128	218	38	237	1530
16436	18262	1925	1930	0	827	78	4	128	218	38	237	1530
18262	20088	1930	1935	0	827	78	4	128	218	38	237	1530
20088	21914	1935	1940	0	827	78	4	128	218	38	237	1530
21914	23741	1940	1945	0	827	78	4	128	218	38	237	1530
23741	25567	1945	1950	0	827	78	4	128	218	38	237	1530
25567	27393	1950	1955	0	827	78	4	128	218	38	237	1530
27393	29219	1955	1960	0	827	78	4	128	218	48	278	1581
29219	31046	1960	1965	0	827	78	4	128	219	57	326	1640
31046	32872	1965	1970	0	827	78	4	128	220	63	349	1670
32872	34698	1970	1975	0	827	78	4	129	221	67	369	1696
34698	36524	1975	1980	0	827	78	5	130	223	104	609	1977
36524	37255	1980	1982	0	827	78	5	130	224	157	659	2080
37255	37985	1982	1984	0	827	79	5	131	226	178	694	2139
37985	38351	1984	1985	0	827	79	5	131	226	185	707	2160
38351	38716	1985	1986	0	827	79	5	131	227	190	718	2177
38716	39446	1986	1988	0	827	79	5	132	228	198	736	2204
39446	39812	1988	1989	0	827	79	5	132	228	201	743	2215
39812	40177	1989	1990	0	827	79	5	132	228	204	750	2225
40177	40542	1990	1991	0	827	79	5	132	229	206	755	2232
40542	40907	1991	1992	0	827	79	5	132	229	207	758	2238
40907	41273	1992	1993	0	827	79	5	132	229	209	761	2242
41273	41638	1993	1994	0	827	79	5	132	229	210	762	2245
41638	42003	1994	1995	0	827	79	5	132	230	211	763	2246
42003	42368	1995	1996	0	827	79	5	133	230	211	763	2248
42368	42734	1996	1997	0	828	79	5	133	230	214	763	2251
42734	43099	1997	1998	0	828	79	5	133	231	217	763	2256
43099	43464	1998	1999	0	828	79	5	134	232	221	763	2261
43464	43829	1999	2000	0	828	79	5	134	232	220	758	2256
43829	44195	2000	2001	0	828	79	6	134	233	219	753	2251
44195	44560	2001	2002	0	828	79	6	134	233	221	746	2247
44560	44925	2002	2003	0	828	79	6	135	233	222	737	2240
44925	45290	2003	2004	0	828	79	6	135	234	221	728	2230
45290	45656	2004	2005	0	828	79	6	135	234	218	716	2215
45656	46021	2005	2006	0	828	79	6	135	234	213	703	2197
46021	46386	2006	2007	0	828	79	6	135	234	206	689	2175
46386	46751	2007	2008	0	828	79	6	135	233	199	673	2153
46751	47117	2008	2009	0	828	79	6	135	233	195	658	2132
47117	47482	2009	2010	0	828	79	6	134	233	191	646	2116
47482	47847	2010	2011	0	828	79	6	134	232	188	637	2104
47847	48212	2011	2012	0	831	79	5	134	232	185	630	2097
48212	48578	2012	2013	0	831	79	5	134	232	182	624	2087
48578	48943	2013	2014	0	831	79	5	134	231	178	620	2078

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Salt Load
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)								
0	1	1880	1880	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
1	1827	1880	1885	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
1827	3653	1885	1890	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
3653	5479	1890	1895	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
5479	7305	1895	1900	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
7305	9131	1900	1905	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
9131	10957	1905	1910	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
10957	12783	1910	1915	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
12783	14609	1915	1920	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
14609	16436	1920	1925	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
16436	18262	1925	1930	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
18262	20088	1930	1935	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
20088	21914	1935	1940	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
21914	23741	1940	1945	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
23741	25567	1945	1950	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
25567	27393	1950	1955	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
27393	29219	1955	1960	0.0	0.8	0.1	0.0	0.1	5.3	1.5	11.7	19.4
29219	31046	1960	1965	0.0	0.8	0.1	0.0	0.1	5.3	1.8	13.7	21.8
31046	32872	1965	1970	0.0	0.8	0.1	0.0	0.1	5.3	2.0	14.6	22.9
32872	34698	1970	1975	0.0	0.8	0.1	0.0	0.1	5.3	2.1	15.5	24.0
34698	36524	1975	1980	0.0	0.8	0.1	0.0	0.1	5.4	3.4	25.6	35.3
36524	37255	1980	1982	0.0	0.8	0.1	0.0	0.1	5.4	5.0	27.7	39.1
37255	37985	1982	1984	0.0	0.8	0.1	0.0	0.1	5.5	5.7	29.1	41.3
37985	38351	1984	1985	0.0	0.8	0.1	0.0	0.1	5.5	6.0	29.7	42.1
38351	38716	1985	1986	0.0	0.8	0.1	0.0	0.1	5.5	6.1	30.2	42.7
38716	39446	1986	1988	0.0	0.8	0.1	0.0	0.1	5.5	6.4	30.9	43.7
39446	39812	1988	1989	0.0	0.8	0.1	0.0	0.1	5.5	6.5	31.2	44.1
39812	40177	1989	1990	0.0	0.8	0.1	0.0	0.1	5.5	6.6	31.5	44.5
40177	40542	1990	1991	0.0	0.8	0.1	0.0	0.1	5.5	6.6	31.7	44.8
40542	40907	1991	1992	0.0	0.8	0.1	0.0	0.1	5.5	6.7	31.8	45.0
40907	41273	1992	1993	0.0	0.8	0.1	0.0	0.1	5.5	6.7	31.9	45.2
41273	41638	1993	1994	0.0	0.8	0.1	0.0	0.1	5.5	6.8	32.0	45.3
41638	42003	1994	1995	0.0	0.8	0.1	0.0	0.1	5.6	6.8	32.0	45.3
42003	42368	1995	1996	0.0	0.8	0.1	0.0	0.1	5.6	6.8	32.0	45.4
42368	42734	1996	1997	0.0	0.8	0.1	0.0	0.1	5.6	6.9	32.0	45.4
42734	43099	1997	1998	0.0	0.8	0.1	0.0	0.1	5.6	7.0	32.0	45.6
43099	43464	1998	1999	0.0	0.8	0.1	0.0	0.1	5.6	7.1	32.0	45.7
43464	43829	1999	2000	0.0	0.8	0.1	0.0	0.1	5.6	7.1	31.8	45.5
43829	44195	2000	2001	0.0	0.8	0.1	0.0	0.1	5.6	7.1	31.6	45.3
44195	44560	2001	2002	0.0	0.8	0.1	0.0	0.1	5.6	7.1	31.3	45.0
44560	44925	2002	2003	0.0	0.8	0.1	0.0	0.1	5.6	7.2	31.0	44.7
44925	45290	2003	2004	0.0	0.8	0.1	0.0	0.1	5.7	7.1	30.6	44.3
45290	45656	2004	2005	0.0	0.8	0.1	0.0	0.1	5.7	7.0	30.1	43.7
45656	46021	2005	2006	0.0	0.8	0.1	0.0	0.1	5.7	6.9	29.5	43.0
46021	46386	2006	2007	0.0	0.8	0.1	0.0	0.1	5.6	6.6	28.9	42.2
46386	46751	2007	2008	0.0	0.8	0.1	0.0	0.1	5.6	6.4	28.3	41.3
46751	47117	2008	2009	0.0	0.8	0.1	0.0	0.1	5.6	6.3	27.6	40.5
47117	47482	2009	2010	0.0	0.8	0.1	0.0	0.1	5.6	6.2	27.1	39.9
47482	47847	2010	2011	0.0	0.8	0.1	0.0	0.1	5.6	6.1	26.7	39.4
47847	48212	2011	2012	0.0	0.8	0.1	0.0	0.1	5.6	6.0	26.5	39.0
48212	48578	2012	2013	0.0	0.8	0.1	0.0	0.1	5.6	5.9	26.2	38.6
48578	48943	2013	2014	0.0	0.8	0.1	0.0	0.1	5.6	5.7	26.0	38.3

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S5 model)

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Flux
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)								
48943	49308	2014	2015	0	831	79	5	134	231	175	615	2070
49308	49673	2015	2016	0	831	79	5	133	231	173	626	2078
49673	50039	2016	2017	0	831	79	5	133	230	172	642	2093
50039	50404	2017	2018	0	831	79	5	133	230	173	656	2108
50404	50769	2018	2019	0	831	79	5	134	230	174	669	2123
50769	51134	2019	2020	0	832	79	5	134	230	176	681	2136
51134	51500	2020	2021	0	832	79	5	134	231	177	691	2149
51500	51865	2021	2022	0	832	79	5	134	231	180	705	2166
51865	52230	2022	2023	0	832	79	5	134	231	183	721	2186
52230	52595	2023	2024	0	832	79	6	134	231	187	737	2206
52595	52961	2024	2025	0	832	79	6	134	232	192	753	2227
52961	53326	2025	2026	0	832	79	6	135	232	197	768	2248
53326	53691	2026	2027	0	832	79	6	135	232	202	784	2269
53691	54056	2027	2028	0	832	79	6	135	233	207	798	2289
54056	54422	2028	2029	0	832	79	6	135	233	212	811	2308
54422	54787	2029	2030	0	832	79	6	135	233	217	823	2325
54787	55152	2030	2031	0	832	79	6	135	234	221	837	2344
55152	55517	2031	2032	0	832	79	6	136	234	225	852	2363
55517	55883	2032	2033	0	832	79	6	136	234	228	863	2378
55883	56248	2033	2034	0	832	79	6	136	234	232	872	2391
56248	56613	2034	2035	0	832	79	6	136	235	234	880	2402
56613	56978	2035	2036	0	832	79	6	136	235	237	887	2412
56978	57344	2036	2037	0	832	79	6	136	235	239	893	2422
57344	57709	2037	2038	0	832	79	6	136	236	242	899	2430
57709	58074	2038	2039	0	832	79	6	137	236	244	905	2439
58074	58439	2039	2040	0	832	79	6	137	236	246	911	2447
58439	58805	2040	2041	0	833	79	6	137	236	248	918	2456
58805	59170	2041	2042	0	833	79	6	137	237	252	927	2470
59170	59535	2042	2043	0	833	79	6	137	237	256	939	2487
59535	59900	2043	2044	0	833	79	6	137	237	260	951	2504
59900	60266	2044	2045	0	833	79	6	138	238	264	963	2520
60266	60631	2045	2046	0	833	79	6	138	238	267	973	2534
60631	60996	2046	2047	0	833	79	6	138	239	271	983	2549
60996	61361	2047	2048	0	833	79	6	138	239	275	993	2563
61361	61727	2048	2049	0	833	79	6	138	239	281	1002	2579
61727	62092	2049	2050	0	833	79	6	138	240	286	1011	2594
62092	62457	2050	2051	0	833	79	6	139	240	291	1020	2608
62457	62822	2051	2052	0	833	79	6	139	241	294	1027	2619
62822	63188	2052	2053	0	833	79	6	139	241	298	1033	2629
63188	63553	2053	2054	0	833	79	6	139	241	301	1039	2639
63553	63918	2054	2055	0	833	79	6	139	241	303	1045	2647
63918	64283	2055	2056	0	833	79	6	139	242	306	1049	2655
64283	64649	2056	2057	0	833	79	6	139	242	308	1054	2662
64649	65014	2057	2058	0	833	79	6	140	242	310	1058	2668
65014	65379	2058	2059	0	833	79	6	140	242	312	1062	2675
65379	65744	2059	2060	0	833	79	6	140	243	314	1066	2681
65744	66110	2060	2061	0	833	79	7	140	243	316	1069	2686
66110	66475	2061	2062	0	833	79	7	140	243	317	1072	2691
66475	66840	2062	2063	0	833	79	7	140	243	319	1075	2696
66840	67205	2063	2064	0	833	79	7	140	243	321	1078	2701
67205	67571	2064	2065	0	833	79	7	140	243	322	1081	2706

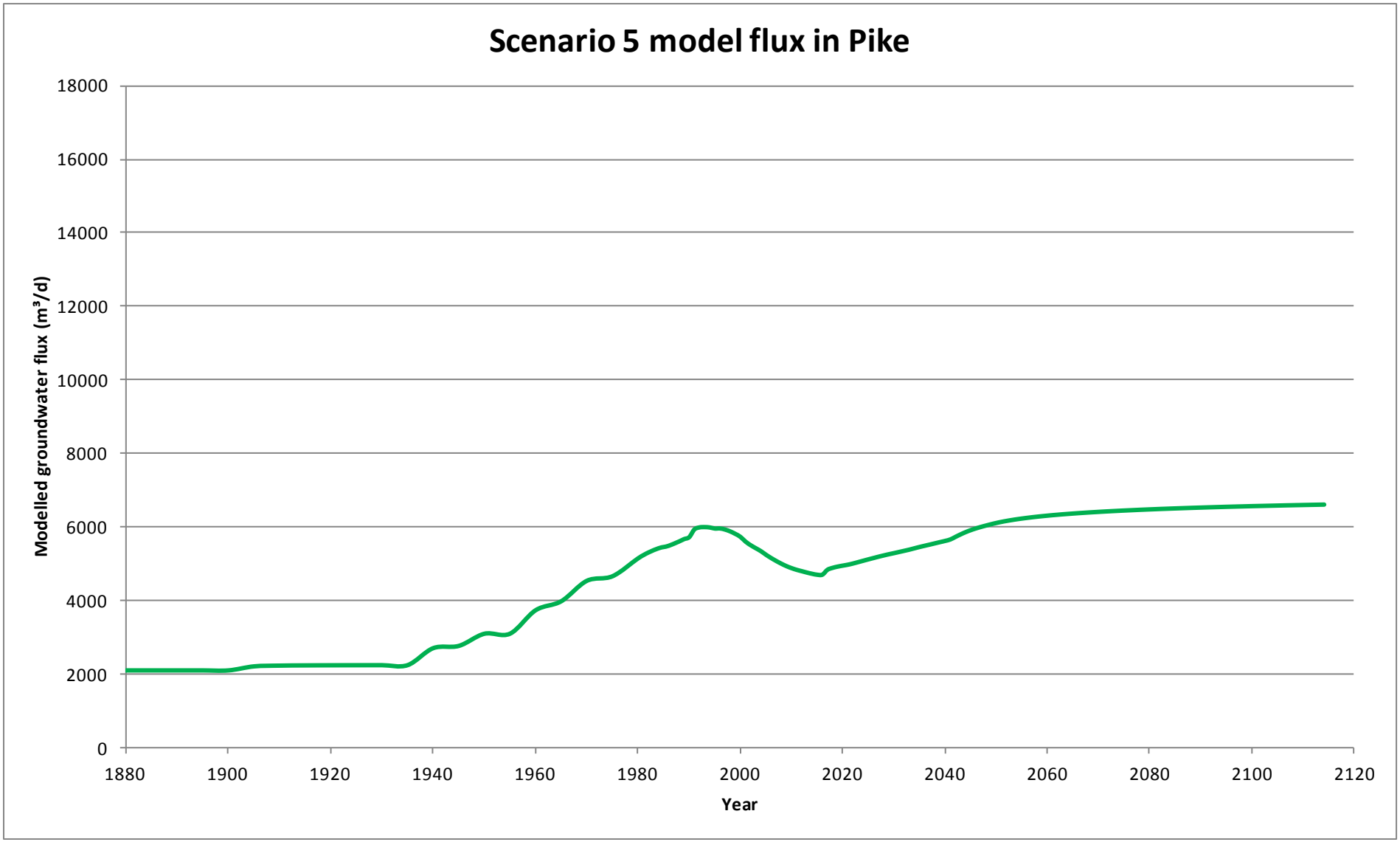
				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Salt Load
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)								
48943	49308	2014	2015	0.0	0.8	0.1	0.0	0.1	5.6	5.6	25.8	38.0
49308	49673	2015	2016	0.0	0.8	0.1	0.0	0.1	5.6	5.6	26.3	38.4
49673	50039	2016	2017	0.0	0.8	0.1	0.0	0.1	5.6	5.6	27.0	39.0
50039	50404	2017	2018	0.0	0.8	0.1	0.0	0.1	5.6	5.6	27.6	39.7
50404	50769	2018	2019	0.0	0.8	0.1	0.0	0.1	5.6	5.6	28.1	40.2
50769	51134	2019	2020	0.0	0.8	0.1	0.0	0.1	5.6	5.7	28.6	40.8
51134	51500	2020	2021	0.0	0.8	0.1	0.0	0.1	5.6	5.7	29.0	41.3
51500	51865	2021	2022	0.0	0.8	0.1	0.0	0.1	5.6	5.8	29.6	41.9
51865	52230	2022	2023	0.0	0.8	0.1	0.0	0.1	5.6	5.9	30.3	42.7
52230	52595	2023	2024	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.0	43.5
52595	52961	2024	2025	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.6	44.4
52961	53326	2025	2026	0.0	0.8	0.1	0.0	0.1	5.6	6.4	32.3	45.2
53326	53691	2026	2027	0.0	0.8	0.1	0.0	0.1	5.6	6.5	32.9	46.0
53691	54056	2027	2028	0.0	0.8	0.1	0.0	0.1	5.6	6.7	33.5	46.8
54056	54422	2028	2029	0.0	0.8	0.1	0.0	0.1	5.6	6.8	34.1	47.5
54422	54787	2029	2030	0.0	0.8	0.1	0.0	0.1	5.6	7.0	34.5	48.1
54787	55152	2030	2031	0.0	0.8	0.1	0.0	0.1	5.6	7.1	35.2	48.9
55152	55517	2031	2032	0.0	0.8	0.1	0.0	0.1	5.7	7.2	35.8	49.6
55517	55883	2032	2033	0.0	0.8	0.1	0.0	0.1	5.7	7.4	36.2	50.2
55883	56248	2033	2034	0.0	0.8	0.1	0.0	0.1	5.7	7.5	36.6	50.7
56248	56613	2034	2035	0.0	0.8	0.1	0.0	0.1	5.7	7.5	37.0	51.1
56613	56978	2035	2036	0.0	0.8	0.1	0.0	0.1	5.7	7.6	37.2	51.5
56978	57344	2036	2037	0.0	0.8	0.1	0.0	0.1	5.7	7.7	37.5	51.9
57344	57709	2037	2038	0.0	0.8	0.1	0.0	0.1	5.7	7.8	37.8	52.2
57709	58074	2038	2039	0.0	0.8	0.1	0.0	0.1	5.7	7.9	38.0	52.5
58074	58439	2039	2040	0.0	0.8	0.1	0.0	0.1	5.7	7.9	38.3	52.9
58439	58805	2040	2041	0.0	0.8	0.1	0.0	0.1	5.7	8.0	38.5	53.2
58805	59170	2041	2042	0.0	0.8	0.1	0.0	0.1	5.7	8.1	39.0	53.7
59170	59535	2042	2043	0.0	0.8	0.1	0.0	0.1	5.7	8.2	39.4	54.4
59535	59900	2043	2044	0.0	0.8	0.1	0.0	0.1	5.7	8.4	40.0	55.0
59900	60266	2044	2045	0.0	0.8	0.1	0.0	0.1	5.7	8.5	40.4	55.6
60266	60631	2045	2046	0.0	0.8	0.1	0.0	0.1	5.8	8.6	40.9	56.2
60631	60996	2046	2047	0.0	0.8	0.1	0.0	0.1	5.8	8.7	41.3	56.8
60996	61361	2047	2048	0.0	0.8	0.1	0.0	0.1	5.8	8.9	41.7	57.3
61361	61727	2048	2049	0.0	0.8	0.1	0.0	0.1	5.8	9.1	42.1	57.9
61727	62092	2049	2050	0.0	0.8	0.1	0.0	0.1	5.8	9.2	42.5	58.5
62092	62457	2050	2051	0.0	0.8	0.1	0.0	0.1	5.8	9.4	42.8	59.0
62457	62822	2051	2052	0.0	0.8	0.1	0.0	0.1	5.8	9.5	43.1	59.4
62822	63188	2052	2053	0.0	0.8	0.1	0.0	0.1	5.8	9.6	43.4	59.8
63188	63553	2053	2054	0.0	0.8	0.1	0.0	0.1	5.8	9.7	43.6	60.1
63553	63918	2054	2055	0.0	0.8	0.1	0.0	0.1	5.8	9.8	43.9	60.4
63918	64283	2055	2056	0.0	0.8	0.1	0.0	0.1	5.8	9.8	44.1	60.7
64283	64649	2056	2057	0.0	0.8	0.1	0.0	0.1	5.8	9.9	44.3	61.0
64649	65014	2057	2058	0.0	0.8	0.1	0.0	0.1	5.9	10.0	44.4	61.2
65014	65379	2058	2059	0.0	0.8	0.1	0.0	0.1	5.9	10.0	44.6	61.5
65379	65744	2059	2060	0.0	0.8	0.1	0.0	0.1	5.9	10.1	44.8	61.7
65744	66110	2060	2061	0.0	0.8	0.1	0.0	0.1	5.9	10.2	44.9	61.9
66110	66475	2061	2062	0.0	0.8	0.1	0.0	0.1	5.9	10.2	45.0	62.1
66475	66840	2062	2063	0.0	0.8	0.1	0.0	0.1	5.9	10.3	45.2	62.3
66840	67205	2063	2064	0.0	0.8	0.1	0.0	0.1	5.9	10.3	45.3	62.4
67205	67571	2064	2065	0.0	0.8	0.1	0.0	0.1	5.9	10.4	45.4	62.6

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S5 model)

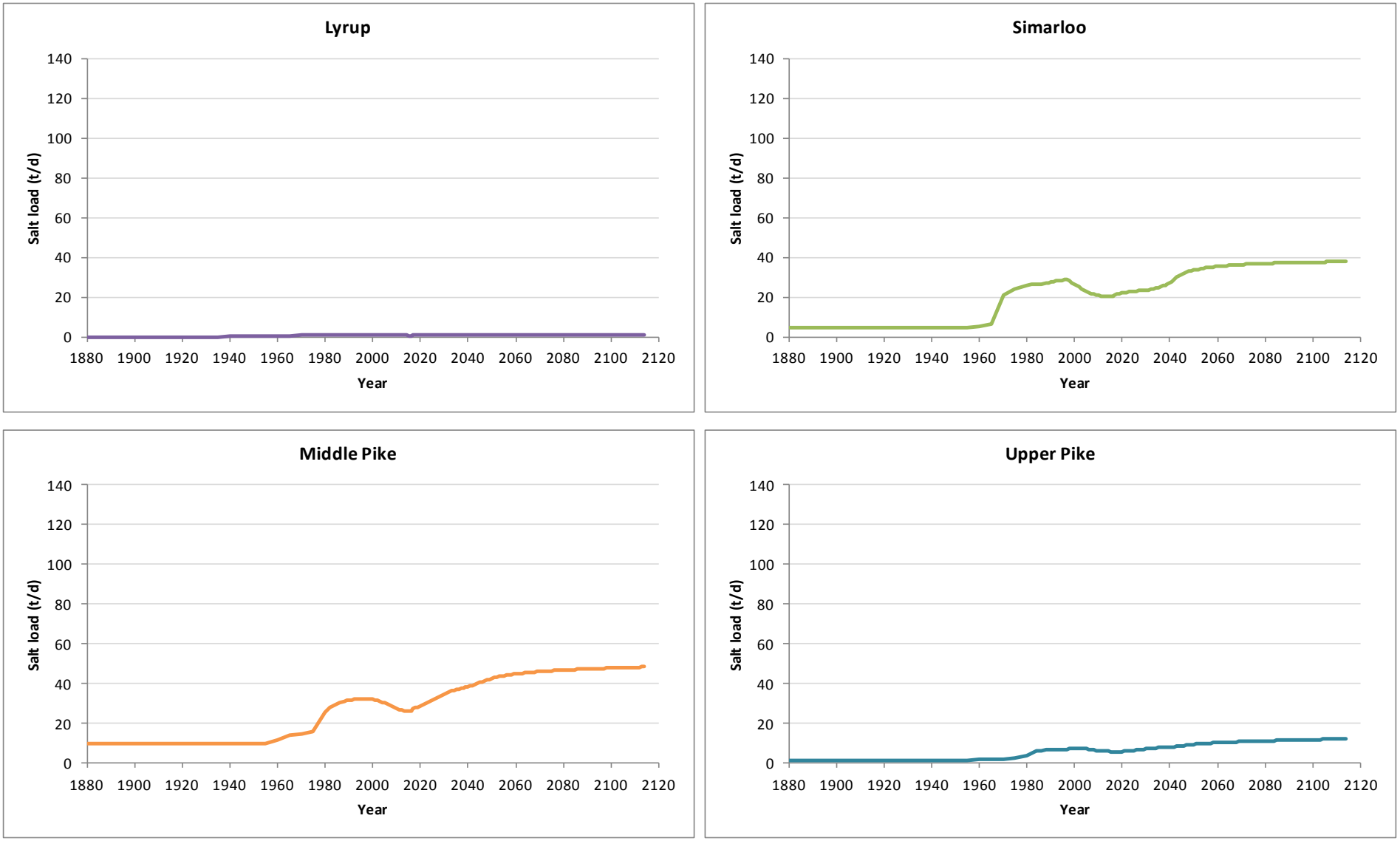
				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Flux
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)								
67571	67936	2065	2066	0	833	79	7	140	243	324	1084	2710
67936	68301	2066	2067	0	833	79	7	140	244	325	1086	2714
68301	68666	2067	2068	0	833	79	7	140	244	326	1088	2718
68666	69032	2068	2069	0	833	79	7	141	244	328	1091	2722
69032	69397	2069	2070	0	833	79	7	141	244	329	1093	2726
69397	69762	2070	2071	0	833	79	7	141	244	331	1095	2730
69762	70127	2071	2072	0	833	79	7	141	244	332	1097	2733
70127	70493	2072	2073	0	833	79	7	141	244	333	1099	2737
70493	70858	2073	2074	0	833	79	7	141	244	334	1101	2740
70858	71223	2074	2075	0	833	79	7	141	245	336	1103	2743
71223	71588	2075	2076	0	833	79	7	141	245	337	1105	2747
71588	71954	2076	2077	0	833	79	7	141	245	338	1106	2750
71954	72319	2077	2078	0	833	79	7	141	245	339	1108	2753
72319	72684	2078	2079	0	833	79	7	141	245	341	1110	2756
72684	73049	2079	2080	0	833	79	7	141	245	342	1111	2759
73049	73415	2080	2081	0	834	79	7	141	245	343	1113	2762
73415	73780	2081	2082	0	834	79	7	141	245	344	1114	2765
73780	74145	2082	2083	0	834	79	7	141	245	345	1116	2767
74145	74510	2083	2084	0	834	79	7	141	245	346	1117	2770
74510	74876	2084	2085	0	834	79	7	142	246	347	1119	2773
74876	75241	2085	2086	0	834	79	7	142	246	349	1120	2775
75241	75606	2086	2087	0	834	79	7	142	246	350	1121	2778
75606	75971	2087	2088	0	834	79	7	142	246	351	1123	2780
75971	76337	2088	2089	0	834	79	7	142	246	352	1124	2783
76337	76702	2089	2090	0	834	79	7	142	246	353	1125	2785
76702	77067	2090	2091	0	834	79	7	142	246	354	1126	2788
77067	77432	2091	2092	0	834	79	7	142	246	355	1127	2790
77432	77798	2092	2093	0	834	79	7	142	246	356	1129	2792
77798	78163	2093	2094	0	834	79	7	142	246	357	1130	2795
78163	78528	2094	2095	0	834	79	7	142	246	358	1131	2797
78528	78893	2095	2096	0	834	79	7	142	246	359	1132	2799
78893	79259	2096	2097	0	834	79	7	142	246	360	1133	2801
79259	79624	2097	2098	0	834	79	7	142	246	361	1134	2804
79624	79989	2098	2099	0	834	79	7	142	247	362	1135	2806
79989	80354	2099	2100	0	834	79	7	142	247	363	1136	2808
80354	80719	2100	2101	0	834	79	7	142	247	364	1137	2810
80719	81084	2101	2102	0	834	79	7	142	247	365	1138	2812
81084	81449	2102	2103	0	834	79	7	142	247	365	1139	2814
81449	81814	2103	2104	0	834	79	7	142	247	366	1140	2816
81814	82180	2104	2105	0	834	79	7	142	247	367	1141	2818
82180	82545	2105	2106	0	834	79	7	142	247	368	1142	2820
82545	82910	2106	2107	0	834	79	7	142	247	369	1143	2822
82910	83275	2107	2108	0	834	79	7	142	247	370	1144	2824
83275	83641	2108	2109	0	834	79	7	142	247	371	1145	2825
83641	84006	2109	2110	0	834	79	7	143	247	372	1146	2827
84006	84371	2110	2111	0	834	79	7	143	247	372	1147	2829
84371	84736	2111	2112	0	834	79	7	143	247	373	1148	2831
84736	85102	2112	2113	0	834	79	7	143	247	374	1148	2833
85102	85467	2113	2114	0	834	79	7	143	247	375	1149	2834

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Salt Load
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)								
67571	67936	2065	2066	0.0	0.8	0.1	0.0	0.1	5.9	10.4	45.5	62.8
67936	68301	2066	2067	0.0	0.8	0.1	0.0	0.1	5.9	10.5	45.6	62.9
68301	68666	2067	2068	0.0	0.8	0.1	0.0	0.1	5.9	10.5	45.7	63.1
68666	69032	2068	2069	0.0	0.8	0.1	0.0	0.1	5.9	10.6	45.8	63.2
69032	69397	2069	2070	0.0	0.8	0.1	0.0	0.1	5.9	10.6	45.9	63.4
69397	69762	2070	2071	0.0	0.8	0.1	0.0	0.1	5.9	10.6	46.0	63.5
69762	70127	2071	2072	0.0	0.8	0.1	0.0	0.1	5.9	10.7	46.1	63.6
70127	70493	2072	2073	0.0	0.8	0.1	0.0	0.1	5.9	10.7	46.2	63.8
70493	70858	2073	2074	0.0	0.8	0.1	0.0	0.1	5.9	10.8	46.2	63.9
70858	71223	2074	2075	0.0	0.8	0.1	0.0	0.1	5.9	10.8	46.3	64.0
71223	71588	2075	2076	0.0	0.8	0.1	0.0	0.1	5.9	10.9	46.4	64.1
71588	71954	2076	2077	0.0	0.8	0.1	0.0	0.1	5.9	10.9	46.5	64.2
71954	72319	2077	2078	0.0	0.8	0.1	0.0	0.1	5.9	10.9	46.5	64.3
72319	72684	2078	2079	0.0	0.8	0.1	0.0	0.1	5.9	11.0	46.6	64.5
72684	73049	2079	2080	0.0	0.8	0.1	0.0	0.1	5.9	11.0	46.7	64.6
73049	73415	2080	2081	0.0	0.8	0.1	0.0	0.1	5.9	11.0	46.7	64.7
73415	73780	2081	2082	0.0	0.8	0.1	0.0	0.1	5.9	11.1	46.8	64.8
73780	74145	2082	2083	0.0	0.8	0.1	0.0	0.1	5.9	11.1	46.9	64.9
74145	74510	2083	2084	0.0	0.8	0.1	0.0	0.1	5.9	11.2	46.9	65.0
74510	74876	2084	2085	0.0	0.8	0.1	0.0	0.1	5.9	11.2	47.0	65.1
74876	75241	2085	2086	0.0	0.8	0.1	0.0	0.1	5.9	11.2	47.0	65.2
75241	75606	2086	2087	0.0	0.8	0.1	0.0	0.1	5.9	11.3	47.1	65.3
75606	75971	2087	2088	0.0	0.8	0.1	0.0	0.1	5.9	11.3	47.1	65.3
75971	76337	2088	2089	0.0	0.8	0.1	0.0	0.1	5.9	11.3	47.2	65.4
76337	76702	2089	2090	0.0	0.8	0.1	0.0	0.1	5.9	11.4	47.3	65.5
76702	77067	2090	2091	0.0	0.8	0.1	0.0	0.1	5.9	11.4	47.3	65.6
77067	77432	2091	2092	0.0	0.8	0.1	0.0	0.1	5.9	11.4	47.4	65.7
77432	77798	2092	2093	0.0	0.8	0.1	0.0	0.1	6.0	11.5	47.4	65.8
77798	78163	2093	2094	0.0	0.8	0.1	0.0	0.1	6.0	11.5	47.5	65.9
78163	78528	2094	2095	0.0	0.8	0.1	0.0	0.1	6.0	11.5	47.5	65.9
78528	78893	2095	2096	0.0	0.8	0.1	0.0	0.1	6.0	11.6	47.5	66.0
78893	79259	2096	2097	0.0	0.8	0.1	0.0	0.1	6.0	11.6	47.6	66.1
79259	79624	2097	2098	0.0	0.8	0.1	0.0	0.1	6.0	11.6	47.6	66.2
79624	79989	2098	2099	0.0	0.8	0.1	0.0	0.1	6.0	11.6	47.7	66.3
79989	80354	2099	2100	0.0	0.8	0.1	0.0	0.1	6.0	11.7	47.7	66.3
80354	80719	2100	2101	0.0	0.8	0.1	0.0	0.1	6.0	11.7	47.8	66.4
80719	81084	2101	2102	0.0	0.8	0.1	0.0	0.1	6.0	11.7	47.8	66.5
81084	81449	2102	2103	0.0	0.8	0.1	0.0	0.1	6.0	11.8	47.9	66.6
81449	81814	2103	2104	0.0	0.8	0.1	0.0	0.1	6.0	11.8	47.9	66.6
81814	82180	2104	2105	0.0	0.8	0.1	0.0	0.1	6.0	11.8	47.9	66.7
82180	82545	2105	2106	0.0	0.8	0.1	0.0	0.1	6.0	11.9	48.0	66.8
82545	82910	2106	2107	0.0	0.8	0.1	0.0	0.1	6.0	11.9	48.0	66.8
82910	83275	2107	2108	0.0	0.8	0.1	0.0	0.1	6.0	11.9	48.0	66.9
83275	83641	2108	2109	0.0	0.8	0.1	0.0	0.1	6.0	11.9	48.1	67.0
83641	84006	2109	2110	0.0	0.8	0.1	0.0	0.1	6.0	12.0	48.1	67.0
84006	84371	2110	2111	0.0	0.8	0.1	0.0	0.1	6.0	12.0	48.2	67.1
84371	84736	2111	2112	0.0	0.8	0.1	0.0	0.1	6.0	12.0	48.2	67.2
84736	85102	2112	2113	0.0	0.8	0.1	0.0	0.1	6.0	12.0	48.2	67.2
85102	85467	2113	2114	0.0	0.8	0.1	0.0	0.1	6.0	12.1	48.3	67.3

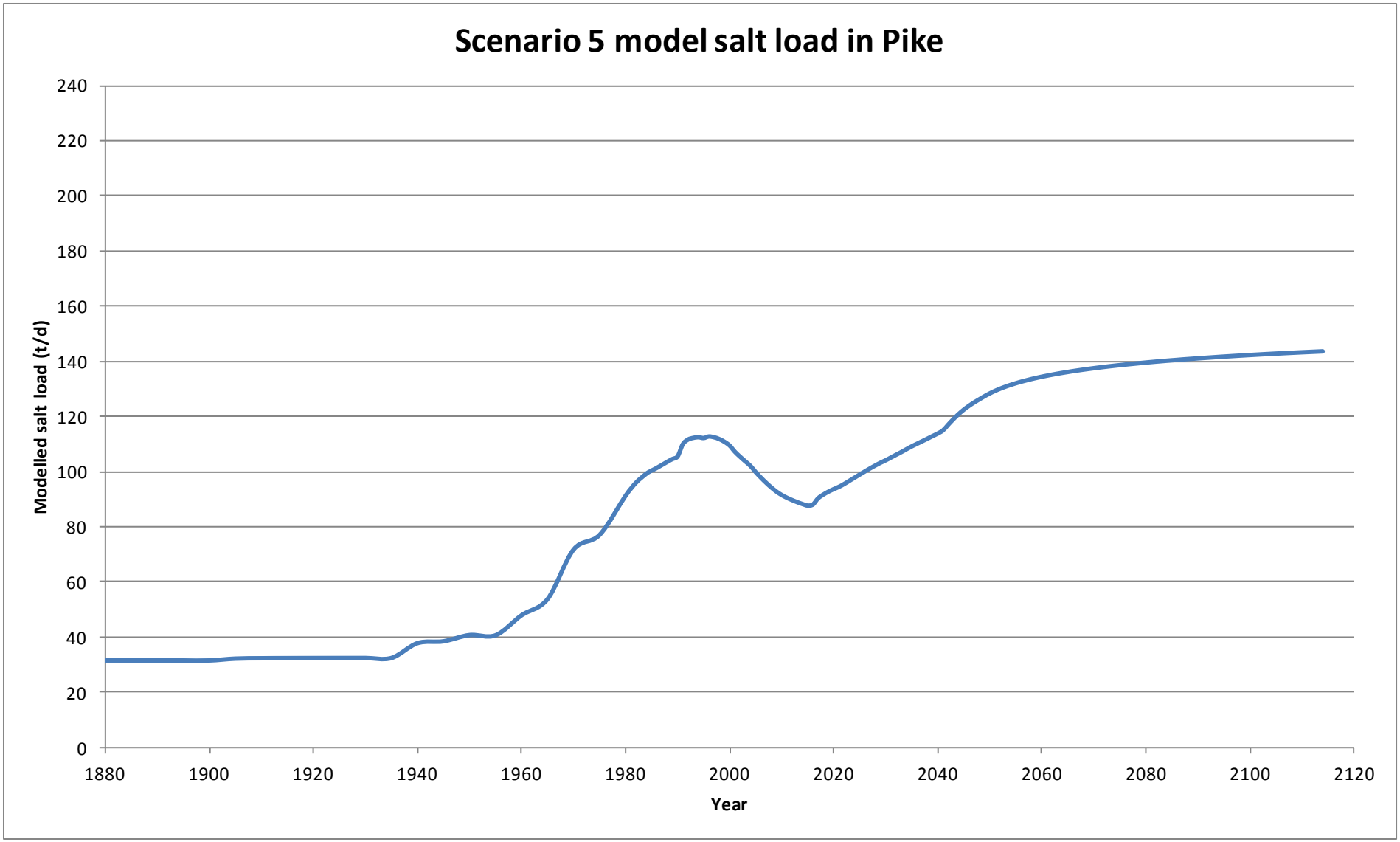
B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S5 model)



B-3. Graph of modelled groundwater flux (m³/d) entering the River Murray in Pike (S5 model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Pike (S5 model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Pike (S5 model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
0	1	1880	1880	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1827	1880	1885	0	0	0	0	0	0	0	0	0	0	0	0	0
1827	3653	1885	1890	0	0	0	0	0	0	0	0	0	0	0	0	0
3653	5479	1890	1895	0	0	0	0	0	0	0	0	0	0	0	0	0
5479	7305	1895	1900	0	0	0	0	0	0	0	0	0	0	0	0	0
7305	9131	1900	1905	0	0	0	0	0	0	0	0	0	0	0	0	0
9131	10957	1905	1910	0	0	0	0	0	0	0	0	0	0	0	0	0
10957	12783	1910	1915	0	0	0	0	0	0	0	0	0	0	0	0	0
12783	14609	1915	1920	0	0	0	0	0	0	0	0	0	0	0	0	0
14609	16436	1920	1925	0	0	0	0	0	0	0	0	0	0	0	0	0
16436	18262	1925	1930	0	0	0	0	0	0	0	0	0	0	0	0	0
18262	20088	1930	1935	0	0	0	0	0	0	0	0	0	0	0	0	0
20088	21914	1935	1940	0	0	0	0	0	0	0	0	0	0	0	0	0
21914	23741	1940	1945	0	0	0	0	0	0	0	0	0	0	0	0	0
23741	25567	1945	1950	0	0	0	0	0	0	0	0	0	0	0	0	0
25567	27393	1950	1955	0	0	0	0	0	0	0	0	0	0	0	0	0
27393	29219	1955	1960	0	0	0	0	0	0	0	0	0	0	0	0	0
29219	31046	1960	1965	0	0	0	0	0	0	0	0	0	0	0	0	0
31046	32872	1965	1970	0	0	0	0	0	0	0	0	0	0	0	0	0
32872	34698	1970	1975	0	0	67	41	0	0	0	0	0	0	0	0	108
34698	36524	1975	1980	0	0	73	46	0	0	0	0	0	0	0	0	119
36524	37255	1980	1982	6	0	85	53	0	0	0	0	0	0	0	0	144
37255	37985	1982	1984	7	0	91	57	0	0	0	0	0	0	0	0	154
37985	38351	1984	1985	7	0	92	58	0	0	0	0	0	0	0	0	157
38351	38716	1985	1986	6	0	78	57	0	0	0	0	0	0	0	0	141
38716	39446	1986	1988	6	0	79	58	0	0	0	0	0	0	0	0	143
39446	39812	1988	1989	6	0	79	59	0	0	0	0	0	0	0	0	144
39812	40177	1989	1990	6	0	80	59	0	0	0	0	0	0	0	0	145
40177	40542	1990	1991	7	0	93	68	0	0	0	0	0	0	0	0	168
40542	40907	1991	1992	8	0	104	76	0	0	0	0	0	0	0	0	188
40907	41273	1992	1993	8	0	111	81	0	0	0	0	0	0	0	0	199
41273	41638	1993	1994	9	0	115	84	0	0	0	0	0	0	0	0	207
41638	42003	1994	1995	9	0	118	86	0	0	0	0	0	0	0	0	213
42003	42368	1995	1996	9	0	120	88	0	0	0	0	0	0	0	0	217
42368	42734	1996	1997	9	0	122	89	0	0	0	0	0	0	0	0	221
42734	43099	1997	1998	10	0	123	91	0	0	0	0	0	0	0	0	224
43099	43464	1998	1999	10	0	125	92	0	0	0	0	0	0	0	0	227
43464	43829	1999	2000	10	0	126	93	0	0	0	0	0	0	0	0	230
43829	44195	2000	2001	5	0	102	66	0	0	0	0	0	0	0	4	177
44195	44560	2001	2002	5	0	101	66	0	0	0	0	0	0	0	10	183
44560	44925	2002	2003	4	0	88	65	1	0	0	0	0	0	0	14	172
44925	45290	2003	2004	4	0	88	66	2	0	0	0	0	0	0	16	176
45290	45656	2004	2005	4	0	83	58	3	0	0	0	0	0	0	18	166
45656	46021	2005	2006	4	0	83	59	3	0	0	0	0	0	0	19	168
46021	46386	2006	2007	4	0	83	59	3	0	0	0	0	0	0	20	170
46386	46751	2007	2008	4	0	84	60	3	0	0	0	0	0	0	20	171
46751	47117	2008	2009	4	0	84	60	3	0	0	0	0	0	0	20	172
47117	47482	2009	2010	4	0	84	60	4	0	0	0	0	0	0	21	173
47482	47847	2010	2011	4	0	84	60	4	0	0	0	0	0	0	21	173
47847	48212	2011	2012	4	0	85	61	4	0	0	0	0	0	0	21	174
48212	48578	2012	2013	4	0	85	61	4	0	0	0	0	0	0	20	175
48578	48943	2013	2014	5	0	85	61	4	0	0	0	0	0	0	20	175

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
0	1	1880	1880	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	1827	1880	1885	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1827	3653	1885	1890	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3653	5479	1890	1895	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5479	7305	1895	1900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7305	9131	1900	1905	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9131	10957	1905	1910	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10957	12783	1910	1915	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12783	14609	1915	1920	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14609	16436	1920	1925	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16436	18262	1925	1930	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18262	20088	1930	1935	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20088	21914	1935	1940	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21914	23741	1940	1945	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23741	25567	1945	1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25567	27393	1950	1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27393	29219	1955	1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29219	31046	1960	1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31046	32872	1965	1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32872	34698	1970	1975	0.0	0.0	1.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
34698	36524	1975	1980	0.0	0.0	1.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
36524	37255	1980	1982	0.1	0.0	1.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
37255	37985	1982	1984	0.1	0.0	1.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
37985	38351	1984	1985	0.1	0.0	1.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
38351	38716	1985	1986	0.1	0.0	1.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
38716	39446	1986	1988	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
39446	39812	1988	1989	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
39812	40177	1989	1990	0.1	0.0	1.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
40177	40542	1990	1991	0.1	0.0	1.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
40542	40907	1991	1992	0.2	0.0	2.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
40907	41273	1992	1993	0.2	0.0	2.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
41273	41638	1993	1994	0.2	0.0	2.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
41638	42003	1994	1995	0.2	0.0	2.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
42003	42368	1995	1996	0.2	0.0	2.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
42368	42734	1996	1997	0.2	0.0	2.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
42734	43099	1997	1998	0.2	0.0	2.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
43099	43464	1998	1999	0.2	0.0	2.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
43464	43829	1999	2000	0.2	0.0	2.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
43829	44195	2000	2001	0.1	0.0	2.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.5
44195	44560	2001	2002	0.1	0.0	2.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	3.7
44560	44925	2002	2003	0.1	0.0	1.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	3.5
44925	45290	2003	2004	0.1	0.0	1.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.6
45290	45656	2004	2005	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.5
45656	46021	2005	2006	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.5
46021	46386	2006	2007	0.1	0.0	1.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.5
46386	46751	2007	2008	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
46751	47117	2008	2009	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
47117	47482	2009	2010	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
47482	47847	2010	2011	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
47847	48212	2011	2012	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
48212	48578	2012	2013	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
48578	48943	2013	2014	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S5 model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
48943	49308	2014	2015	5	0	86	61	4	0	0	0	0	0	0	19	175
49308	49673	2015	2016	9	0	136	89	19	0	0	0	0	0	0	62	314
49673	50039	2016	2017	11	0	161	114	34	0	0	0	0	0	0	93	412
50039	50404	2017	2018	13	0	182	133	48	0	0	0	0	0	0	114	490
50404	50769	2018	2019	16	0	199	151	63	0	0	0	0	0	0	132	561
50769	51134	2019	2020	18	0	214	165	73	0	0	0	0	0	0	147	618
51134	51500	2020	2021	25	0	235	179	82	0	0	0	0	0	0	158	679
51500	51865	2021	2022	32	0	255	193	88	0	0	0	0	0	0	167	736
51865	52230	2022	2023	37	0	271	205	94	0	0	0	0	0	0	175	782
52230	52595	2023	2024	41	0	283	215	100	0	0	0	0	0	0	181	820
52595	52961	2024	2025	44	0	294	224	105	0	0	0	0	0	0	186	852
52961	53326	2025	2026	47	0	304	231	109	0	0	0	0	0	0	191	882
53326	53691	2026	2027	50	0	314	238	112	0	0	0	0	0	0	195	909
53691	54056	2027	2028	52	0	322	245	116	0	0	0	0	0	0	199	934
54056	54422	2028	2029	55	0	330	251	119	0	0	0	0	0	0	202	956
54422	54787	2029	2030	57	0	337	257	121	0	0	0	0	0	0	205	977
54787	55152	2030	2031	59	0	344	262	124	0	0	0	0	0	0	208	997
55152	55517	2031	2032	61	0	354	274	135	0	0	0	0	0	0	212	1037
55517	55883	2032	2033	64	0	365	283	141	0	0	0	0	0	0	217	1070
55883	56248	2033	2034	66	0	374	291	147	0	0	0	0	0	0	221	1098
56248	56613	2034	2035	68	0	382	297	151	0	0	0	0	0	0	225	1123
56613	56978	2035	2036	70	0	389	303	155	0	0	0	0	0	0	229	1145
56978	57344	2036	2037	72	0	395	308	158	0	0	0	0	0	0	232	1165
57344	57709	2037	2038	73	0	401	313	161	0	0	0	0	0	0	235	1184
57709	58074	2038	2039	75	0	407	318	164	0	0	0	0	0	0	237	1200
58074	58439	2039	2040	76	0	412	322	167	0	0	0	0	0	0	240	1216
58439	58805	2040	2041	77	0	417	325	169	0	0	0	0	0	0	242	1230
58805	59170	2041	2042	78	0	421	329	171	0	0	0	0	0	0	244	1244
59170	59535	2042	2043	79	0	425	333	173	0	0	0	0	0	0	246	1257
59535	59900	2043	2044	80	0	429	336	175	0	0	0	0	0	0	248	1269
59900	60266	2044	2045	81	0	433	340	177	0	0	0	0	0	0	250	1281
60266	60631	2045	2046	82	0	437	343	179	0	0	0	0	0	0	252	1293
60631	60996	2046	2047	84	0	444	348	181	0	0	0	0	0	0	254	1311
60996	61361	2047	2048	87	0	451	354	184	0	0	0	0	0	0	257	1333
61361	61727	2048	2049	89	0	459	361	187	0	0	0	0	0	0	260	1356
61727	62092	2049	2050	91	0	466	367	191	0	0	0	0	0	0	262	1377
62092	62457	2050	2051	93	0	473	373	194	0	0	0	0	0	0	265	1398
62457	62822	2051	2052	94	0	480	379	197	0	0	0	0	0	0	268	1417
62822	63188	2052	2053	96	0	486	384	200	0	0	0	0	0	0	271	1436
63188	63553	2053	2054	97	0	491	389	203	0	0	0	0	0	0	273	1454
63553	63918	2054	2055	99	0	497	394	206	0	0	0	0	0	0	275	1471
63918	64283	2055	2056	100	0	502	399	208	0	0	0	0	0	0	278	1487
64283	64649	2056	2057	102	0	507	403	211	0	0	0	0	0	0	280	1502
64649	65014	2057	2058	103	0	512	407	213	0	0	0	0	0	0	282	1518
65014	65379	2058	2059	104	0	516	412	216	0	0	0	0	0	0	284	1532
65379	65744	2059	2060	105	0	521	416	218	0	0	0	0	0	0	286	1546
65744	66110	2060	2061	106	0	525	420	221	0	0	0	0	0	0	288	1560
66110	66475	2061	2062	107	0	529	423	223	0	0	0	0	0	0	290	1573
66475	66840	2062	2063	108	0	533	427	225	0	0	0	0	0	0	292	1586
66840	67205	2063	2064	109	0	537	430	227	0	0	0	0	0	0	294	1598
67205	67571	2064	2065	110	0	541	434	229	0	0	0	0	0	0	296	1610

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
48943	49308	2014	2015	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
49308	49673	2015	2016	0.2	0.0	2.7	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.9	6.8
49673	50039	2016	2017	0.2	0.0	3.2	2.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.9	9.0
50039	50404	2017	2018	0.3	0.0	3.6	2.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	3.5	10.7
50404	50769	2018	2019	0.3	0.0	3.9	2.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	12.3
50769	51134	2019	2020	0.4	0.0	4.2	3.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	4.5	13.5
51134	51500	2020	2021	0.5	0.0	4.6	3.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	4.9	14.8
51500	51865	2021	2022	0.6	0.0	5.0	3.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	5.2	16.0
51865	52230	2022	2023	0.7	0.0	5.3	4.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	5.4	17.0
52230	52595	2023	2024	0.8	0.0	5.6	4.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	5.6	17.8
52595	52961	2024	2025	0.9	0.0	5.8	4.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	5.8	18.5
52961	53326	2025	2026	0.9	0.0	6.0	4.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	5.9	19.1
53326	53691	2026	2027	1.0	0.0	6.2	4.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	6.0	19.6
53691	54056	2027	2028	1.0	0.0	6.4	4.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	6.1	20.1
54056	54422	2028	2029	1.1	0.0	6.5	4.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	6.2	20.6
54422	54787	2029	2030	1.1	0.0	6.7	5.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	6.3	21.0
54787	55152	2030	2031	1.2	0.0	6.8	5.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	21.5
55152	55517	2031	2032	1.2	0.0	7.0	5.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	6.5	22.3
55517	55883	2032	2033	1.3	0.0	7.2	5.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	6.7	22.9
55883	56248	2033	2034	1.3	0.0	7.4	5.7	2.3	0.0	0.0	0.0	0.0	0.0	0.0	6.8	23.5
56248	56613	2034	2035	1.3	0.0	7.5	5.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	6.9	24.0
56613	56978	2035	2036	1.4	0.0	7.7	5.9	2.5	0.0	0.0	0.0	0.0	0.0	0.0	7.1	24.5
56978	57344	2036	2037	1.4	0.0	7.8	6.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	7.2	24.9
57344	57709	2037	2038	1.4	0.0	7.9	6.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	7.2	25.3
57709	58074	2038	2039	1.5	0.0	8.0	6.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0	7.3	25.6
58074	58439	2039	2040	1.5	0.0	8.1	6.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0	7.4	26.0
58439	58805	2040	2041	1.5	0.0	8.2	6.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	7.5	26.3
58805	59170	2041	2042	1.5	0.0	8.3	6.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	7.5	26.5
59170	59535	2042	2043	1.6	0.0	8.4	6.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	7.6	26.8
59535	59900	2043	2044	1.6	0.0	8.5	6.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	7.7	27.1
59900	60266	2044	2045	1.6	0.0	8.5	6.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	7.7	27.3
60266	60631	2045	2046	1.6	0.0	8.6	6.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	7.8	27.6
60631	60996	2046	2047	1.7	0.0	8.7	6.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	7.8	27.9
60996	61361	2047	2048	1.7	0.0	8.9	6.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	7.9	28.4
61361	61727	2048	2049	1.8	0.0	9.1	7.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	28.9
61727	62092	2049	2050	1.8	0.0	9.2	7.2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	29.3
62092	62457	2050	2051	1.8	0.0	9.3	7.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	8.2	29.7
62457	62822	2051	2052	1.9	0.0	9.5	7.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	8.3	30.1
62822	63188	2052	2053	1.9	0.0	9.6	7.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	8.3	30.5
63188	63553	2053	2054	1.9	0.0	9.7	7.6	3.2	0.0	0.0	0.0	0.0	0.0	0.0	8.4	30.9
63553	63918	2054	2055	1.9	0.0	9.8	7.7	3.3	0.0	0.0	0.0	0.0	0.0	0.0	8.5	31.2
63918	64283	2055	2056	2.0	0.0	9.9	7.8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	8.6	31.6
64283	64649	2056	2057	2.0	0.0	10.0	7.9	3.4	0.0	0.0	0.0	0.0	0.0	0.0	8.6	31.9
64649	65014	2057	2058	2.0	0.0	10.1	8.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	8.7	32.2
65014	65379	2058	2059	2.1	0.0	10.2	8.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	8.8	32.5
65379	65744	2059	2060	2.1	0.0	10.3	8.1	3.5	0.0	0.0	0.0	0.0	0.0	0.0	8.8	32.8
65744	66110	2060	2061	2.1	0.0	10.4	8.2	3.5	0.0	0.0	0.0	0.0	0.0	0.0	8.9	33.1
66110	66475	2061	2062	2.1	0.0	10.4	8.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	9.0	33.3
66475	66840	2062	2063	2.1	0.0	10.5	8.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	9.0	33.6
66840	67205	2063	2064	2.2	0.0	10.6	8.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	9.1	33.9
67205	67571	2064	2065	2.2	0.0	10.7	8.5	3.7	0.0	0.0	0.0	0.0	0.0	0.0	9.1	34.1

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S5 model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
67571	67936	2065	2066	111	0	544	437	231	0	0	0	0	0	0	298	1621
67936	68301	2066	2067	112	0	548	440	233	0	0	0	0	0	0	299	1632
68301	68666	2067	2068	113	0	551	443	235	0	0	0	0	0	0	301	1643
68666	69032	2068	2069	114	0	554	446	236	0	0	0	0	0	1	303	1653
69032	69397	2069	2070	114	0	557	449	238	0	0	0	0	0	1	304	1663
69397	69762	2070	2071	115	0	560	451	240	0	0	0	0	0	1	306	1673
69762	70127	2071	2072	116	0	563	454	241	0	0	0	0	0	1	307	1682
70127	70493	2072	2073	116	0	566	457	243	0	0	0	0	0	1	309	1691
70493	70858	2073	2074	117	0	568	459	244	0	0	0	0	0	1	310	1700
70858	71223	2074	2075	118	0	571	462	246	0	0	0	0	0	1	312	1709
71223	71588	2075	2076	118	0	573	464	247	0	0	0	0	0	1	313	1717
71588	71954	2076	2077	119	0	576	467	249	0	0	0	0	0	1	314	1725
71954	72319	2077	2078	120	0	578	469	250	0	0	0	0	0	1	315	1733
72319	72684	2078	2079	120	0	580	471	252	0	0	0	0	0	1	317	1741
72684	73049	2079	2080	121	0	583	474	253	0	0	0	0	0	1	318	1749
73049	73415	2080	2081	121	0	585	476	254	0	0	0	0	0	1	319	1756
73415	73780	2081	2082	122	0	587	478	256	0	0	0	0	0	2	320	1764
73780	74145	2082	2083	122	0	589	480	257	0	0	0	0	0	2	321	1771
74145	74510	2083	2084	123	0	591	482	258	0	0	0	0	0	2	322	1777
74510	74876	2084	2085	123	0	593	484	259	0	0	0	0	0	2	324	1784
74876	75241	2085	2086	124	0	595	486	260	0	0	0	0	0	2	325	1791
75241	75606	2086	2087	124	0	596	488	261	0	0	0	0	0	2	326	1797
75606	75971	2087	2088	125	0	598	489	263	0	0	0	0	0	2	327	1803
75971	76337	2088	2089	125	0	600	491	264	0	0	0	0	0	2	328	1809
76337	76702	2089	2090	125	0	601	493	265	0	0	0	0	0	2	329	1815
76702	77067	2090	2091	126	0	603	494	266	0	0	0	0	0	2	330	1820
77067	77432	2091	2092	126	0	605	496	267	0	0	0	0	0	2	330	1826
77432	77798	2092	2093	126	0	606	498	268	0	0	0	0	0	2	331	1831
77798	78163	2093	2094	127	0	608	499	269	0	0	0	0	0	2	332	1837
78163	78528	2094	2095	127	0	609	501	270	0	0	0	0	0	2	333	1842
78528	78893	2095	2096	128	0	610	502	270	0	0	0	0	0	2	334	1847
78893	79259	2096	2097	128	0	612	503	271	0	0	0	0	0	2	335	1851
79259	79624	2097	2098	128	0	613	505	272	0	0	0	0	0	2	335	1856
79624	79989	2098	2099	129	0	614	506	273	0	0	0	0	0	2	336	1861
79989	80354	2099	2100	129	0	616	507	274	0	0	0	0	0	2	337	1865
80354	80719	2100	2101	129	0	617	509	275	0	0	0	0	0	3	338	1870
80719	81084	2101	2102	129	0	618	510	275	0	0	0	0	0	3	338	1874
81084	81449	2102	2103	130	0	619	511	276	0	0	0	0	0	3	339	1878
81449	81814	2103	2104	130	0	621	512	277	0	0	0	0	0	3	340	1882
81814	82180	2104	2105	130	0	622	513	278	0	0	0	0	0	3	341	1886
82180	82545	2105	2106	131	0	623	515	278	0	0	0	0	0	3	341	1890
82545	82910	2106	2107	131	0	624	516	279	0	0	0	0	0	3	342	1894
82910	83275	2107	2108	131	0	625	517	280	0	0	0	0	0	3	342	1898
83275	83641	2108	2109	131	0	626	518	280	0	0	0	0	0	3	343	1901
83641	84006	2109	2110	132	0	627	519	281	0	0	0	0	0	3	344	1905
84006	84371	2110	2111	132	0	628	520	282	0	0	0	0	0	3	344	1908
84371	84736	2111	2112	132	0	629	521	282	0	0	0	0	0	3	345	1912
84736	85102	2112	2113	132	0	630	522	283	0	0	0	0	0	3	345	1915
85102	85467	2113	2114	132	0	631	523	284	0	0	0	0	0	3	346	1918

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
67571	67936	2065	2066	2.2	0.0	10.7	8.5	3.7	0.0	0.0	0.0	0.0	0.0	0.0	9.2	34.3
67936	68301	2066	2067	2.2	0.0	10.8	8.6	3.7	0.0	0.0	0.0	0.0	0.0	0.0	9.2	34.6
68301	68666	2067	2068	2.2	0.0	10.9	8.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	9.3	34.8
68666	69032	2068	2069	2.2	0.0	10.9	8.7	3.8	0.0	0.0	0.0	0.0	0.0	0.0	9.3	35.0
69032	69397	2069	2070	2.3	0.0	11.0	8.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	9.4	35.2
69397	69762	2070	2071	2.3	0.0	11.0	8.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	9.4	35.4
69762	70127	2071	2072	2.3	0.0	11.1	8.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	9.5	35.6
70127	70493	2072	2073	2.3	0.0	11.2	8.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	9.5	35.8
70493	70858	2073	2074	2.3	0.0	11.2	9.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	9.6	36.0
70858	71223	2074	2075	2.3	0.0	11.3	9.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	9.6	36.1
71223	71588	2075	2076	2.3	0.0	11.3	9.1	3.9	0.0	0.0	0.0	0.0	0.0	0.0	9.7	36.3
71588	71954	2076	2077	2.3	0.0	11.4	9.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7	36.5
71954	72319	2077	2078	2.4	0.0	11.4	9.2	4.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7	36.7
72319	72684	2078	2079	2.4	0.0	11.4	9.2	4.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	36.8
72684	73049	2079	2080	2.4	0.0	11.5	9.2	4.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	37.0
73049	73415	2080	2081	2.4	0.0	11.5	9.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0	9.8	37.1
73415	73780	2081	2082	2.4	0.0	11.6	9.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0	9.9	37.3
73780	74145	2082	2083	2.4	0.0	11.6	9.4	4.1	0.0	0.0	0.0	0.0	0.0	0.0	9.9	37.4
74145	74510	2083	2084	2.4	0.0	11.6	9.4	4.1	0.0	0.0	0.0	0.0	0.0	0.0	9.9	37.6
74510	74876	2084	2085	2.4	0.0	11.7	9.4	4.1	0.0	0.0	0.0	0.0	0.0	0.0	10.0	37.7
74876	75241	2085	2086	2.4	0.0	11.7	9.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	10.0	37.8
75241	75606	2086	2087	2.4	0.0	11.8	9.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	10.0	38.0
75606	75971	2087	2088	2.5	0.0	11.8	9.6	4.2	0.0	0.0	0.0	0.0	0.0	0.0	10.1	38.1
75971	76337	2088	2089	2.5	0.0	11.8	9.6	4.2	0.0	0.0	0.0	0.0	0.0	0.0	10.1	38.2
76337	76702	2089	2090	2.5	0.0	11.9	9.6	4.2	0.0	0.0	0.0	0.0	0.0	0.0	10.1	38.4
76702	77067	2090	2091	2.5	0.0	11.9	9.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	10.2	38.5
77067	77432	2091	2092	2.5	0.0	11.9	9.7	4.3	0.0	0.0	0.0	0.0	0.0	0.0	10.2	38.6
77432	77798	2092	2093	2.5	0.0	12.0	9.7	4.3	0.0	0.0	0.0	0.0	0.0	0.0	10.2	38.7
77798	78163	2093	2094	2.5	0.0	12.0	9.7	4.3	0.0	0.0	0.0	0.0	0.0	0.0	10.3	38.8
78163	78528	2094	2095	2.5	0.0	12.0	9.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0	10.3	38.9
78528	78893	2095	2096	2.5	0.0	12.0	9.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0	10.3	39.0
78893	79259	2096	2097	2.5	0.0	12.1	9.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0	10.3	39.1
79259	79624	2097	2098	2.5	0.0	12.1	9.9	4.3	0.0	0.0	0.0	0.0	0.0	0.0	10.4	39.2
79624	79989	2098	2099	2.5	0.0	12.1	9.9	4.4	0.0	0.0	0.0	0.0	0.0	0.0	10.4	39.3
79989	80354	2099	2100	2.5	0.0	12.1	9.9	4.4	0.0	0.0	0.0	0.0	0.0	0.0	10.4	39.4
80354	80719	2100	2101	2.5	0.0	12.2	9.9	4.4	0.0	0.0	0.0	0.0	0.0	0.0	10.4	39.5
80719	81084	2101	2102	2.6	0.0	12.2	10.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	10.4	39.6
81084	81449	2102	2103	2.6	0.0	12.2	10.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	10.5	39.7
81449	81814	2103	2104	2.6	0.0	12.2	10.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	10.5	39.8
81814	82180	2104	2105	2.6	0.0	12.3	10.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	10.5	39.8
82180	82545	2105	2106	2.6	0.0	12.3	10.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	10.5	39.9
82545	82910	2106	2107	2.6	0.0	12.3	10.1	4.5	0.0	0.0	0.0	0.0	0.0	0.0	10.5	40.0
82910	83275	2107	2108	2.6	0.0	12.3	10.1	4.5	0.0	0.0	0.0	0.0	0.0	0.0	10.6	40.1
83275	83641	2108	2109	2.6	0.0	12.3	10.1	4.5	0.0	0.0	0.0	0.0	0.0	0.0	10.6	40.1
83641	84006	2109	2110	2.6	0.0	12.4	10.1	4.5	0.0	0.0	0.0	0.0	0.0	0.0	10.6	40.2
84006	84371	2110	2111	2.6	0.0	12.4	10.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	10.6	40.3
84371	84736	2111	2112	2.6	0.0	12.4	10.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	10.6	40.4
84736	85102	2112	2113	2.6	0.0	12.4	10.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	10.7	40.4
85102	85467	2113	2114	2.6	0.0	12.4	10.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	10.7	40.5

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S5 model)

				Central Murtho																																	
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																																	
0	1	1880	1880	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
1	1827	1880	1885	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
1827	3653	1885	1890	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
3653	5479	1890	1895	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
5479	7305	1895	1900	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
7305	9131	1900	1905	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
9131	10957	1905	1910	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
10957	12783	1910	1915	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
12783	14609	1915	1920	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
14609	16436	1920	1925	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
16436	18262	1925	1930	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
18262	20088	1930	1935	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
20088	21914	1935	1940	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
21914	23741	1940	1945	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
23741	25567	1945	1950	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	42	96
25567	27393	1950	1955	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	44	98
27393	29219	1955	1960	0	0	0	1	26	8	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	45	99
29219	31046	1960	1965	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	0	0	0	0	5	45	122
31046	32872	1965	1970	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	0	0	0	6	45	126
32872	34698	1970	1975	0	0	0	1	28	9	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	16	0	0	0	1	58	45	253
34698	36524	1975	1980	0	0	0	1	35	13	32	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	84	22	0	0	0	5	80	46	323
36524	37255	1980	1982	0	0	1	2	84	45	141	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	119	43	5	0	34	10	128	47	671
37255	37985	1982	1984	0	0	1	3	98	51	157	10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	131	50	6	0	36	16	148	48	768
37985	38351	1984	1985	0	0	1	3	102	51	157	11	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	131	53	6	0	36	18	150	49	782
38351	38716	1985	1986	0	0	1	5	191	83	221	14	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	132	54	6	0	36	20	160	51	988
38716	39446	1986	1988	1	0	3	9	269	113	286	22	1	0	0	0	0	0	0	0	0	1	0	0	0	3	13	132	56	6	0	36	29	183	56	1218
39446	39812	1988	1989	1	0	4	10	287	118	296	24	1	0	0	0	0	0	0	0	0	1	0	0	0	4	14	130	57	6	0	36	32	188	60	1269
39812	40177	1989	1990	2	0	5	10	298	121	301	25	2	0	0	0	0	0	0	0	1	2	0	0	0	4	13	126	57	6	0	36	35	189	64	1298
40177	40542	1990	1991	16	0	5	12	323	142	414	34	2	0	0	0	0	0	0	0	1	2	0	0	0	4	14	149	71	7	0	37	37	201	152	1623
40542	40907	1991	1992	21	0	6	12	337	148	428	37	2	0	0	0	0	0	0	0	1	2	0	0	0	5	16	159	79	7	0	39	40	214	173	1727
40907	41273	1992	1993	23	0	7	13	346	151	436	39	3	0	0	0	0	0	0	0	1	2	0	0	0	6	18	165	84	8	0	41	43	224	184	1795
41273	41638	1993	1994	25	0	8	14	353	154	443	41	3	0	0	0	0	0	0	0	1	3	0	0	0	6	19	170	88	8	0	42	46	232	192	1846
41638	42003	1994	1995	26	0	8	14	359	156	447	42	3	0	0	0	0	0	0	0	1	3	0	0	0	6	20	174	91	8	0	43	47	238	193	1882
42003	42368	1995	1996	27	0	9	15	397	167	461	43	4	0	0	0	0	0	0	0	1	3	0	0	0	7	21	177	93	8	0	43	49	244	238	2008
42368	42734	1996	1997	28	0	9	16	404	170	467	43	4	0	0	0	0	0	0	0	1	3	0	0	0	7	21	180	95	9	0	44	50	248	250	2051
42734	43099	1997	1998	29	0	9	16	409	172	471	44	4	0	0	0	0	0	0	0	2	3	0	0	0	7	22	182	97	9	0	44	51	252	257	2082
43099	43464	1998	1999	29	0	10	17	413	173	474	45	4	0	0	0	0	0	0	0	2	3	0	0	0	7	22	182	98	9	0	44	52	253	262	2100
43464	43829	1999	2000	30	0	10	17	416	175	477	45	4	0	0	0	0	0	0	0	2	3	0	0	0	8	22	183	99	9	0	45	53	254	266	2117
43829	44195	2000	2001	30	0	10	18	444	181	482	46	4	0	0	0	0	0	0	1	2	4	0	0	0	8	23	190	123	8	0	31	53	259	259	2175
44195	44560	2001	2002	30	0	11	18	460	186	491	46	5	0	0	0	0	0	0	1	2	4	0	0	0	8	23	194	130	8	0	31	54	262	249	2211
44560	44925	2002	2003	30	0	11	16	354	137	324	37	4	0	0	0	0	0	0	1	2	4	0	0	0	8	23	193	132	8	0	31	54	250	238	1857
44925	45290	2003	2004	29	0	11	14	301	114	268	31	4	0	0	0	0	0	0	1	2	3	0	0	0	8	21	189	133	8	0	31	49	226	226	1667
45290	45656	2004	2005	27	0	10	13	274	102	238	26	3	0	0	0	0	0	0	0	1	3	0	0	0	7	18	183	133	8	0	31	43	203	221	1545
45656	46021	2005	2006	25	0	9	12	257	95	220	23	2	0	0	0	0	0	0	0	1	3	0	0	0	6	15	176	133	8	0	31	38	184	230	1470
46021	46386	2006	2007	24	0	9	12	246	90	208	21	2	0	0	0	0	0	0	0	1	2	0	0	0	5	13	168	132	8	0	31	35	171	229	1407
46386	46751	2007	2008	23	0	9	11	239	86	198	19	2	0	0	0	0	0	0	0	1	2	0	0	0	4	10	161	132	8	0	31	32	158	223	1349
46751	47117	2008	2009	22	0	9	11	232	83	189	18	1	0	0	0	0	0	0	0	1	2	0	0	0	4	8	153	131	8	0	31	30	147	214	1293
47117	47482	2009	2010	21	0	9	11	226	80	180	17	1	0	0	0	0	0	0	0	0	1	0	0	0	3	6	146	130	8	0	31	28	135	201	1234
47482	47847	2010	2011	20	0	9	11	222	77	173	16	1	0	0	0	0	0	0	0	0	1	0	0	0	3	4	139	129	8	0	31	26	126	196	1192
47847	48212	2011	2012	19	0	9	11	223	78	178	15	1	0	0	0	0	0	0	0	0	1	0	0	0	2	3	145	136	9	0	35	25	122	197	1209
48212	48578	2012	2013	19	0	9	10	221	77	175	15	1	0	0	0	0	0	0	0	0	1	0	0	0	2	3	146	139	9	0	35	24	119	196	1201
48578	48943	2013	2014	19	0	8	10	220	76	173	14	1	0	0	0	0	0	0	0	0	1	0	0	0	2	3	146	140	9	0	35	23	116	196	1194

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (S5 model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																																
48943	49308	2014	2015	19	0	8	10	219	76	172	14	1	0	0	0	0	0	0	0	0	1	0	0	0	2	2	146	140	9	0	35	22	115	195	1188
49308	49673	2015	2016	19	0	8	10	218	76	171	14	1	0	0	0	0	0	0	0	0	1	0	0	0	2	2	147	144	10	0	40	22	115	207	1207
49673	50039	2016	2017	19	0	8	10	220	77	173	14	1	0	0	0	0	0	0	0	0	1	0	0	0	2	3	150	152	11	0	44	22	121	219	1246
50039	50404	2017	2018	19	0	8	11	223	78	176	14	1	0	0	0	0	0	0	0	0	1	0	0	0	2	4	156	159	12	0	47	23	127	229	1292
50404	50769	2018	2019	19	0	9	11	229	80	181	15	1	0	0	0	0	0	0	0	0	1	0	0	0	3	5	162	167	13	0	50	24	135	239	1343
50769	51134	2019	2020	20	0	9	11	235	83	186	16	1	0	0	0	0	0	0	0	0	1	0	0	0	3	7	169	174	13	0	52	26	142	247	1394
51134	51500	2020	2021	21	0	9	12	256	92	203	17	1	0	0	0	0	0	0	0	0	1	0	0	0	4	8	180	194	16	0	60	28	152	256	1511
51500	51865	2021	2022	24	0	10	13	279	101	222	19	1	0	0	0	0	0	0	0	0	2	0	0	0	4	11	196	216	18	0	67	30	166	268	1646
51865	52230	2022	2023	26	0	11	14	299	109	238	21	2	0	0	0	0	0	0	0	1	2	0	0	0	5	13	212	233	19	0	71	33	183	279	1770
52230	52595	2023	2024	28	0	12	15	316	116	253	23	2	0	0	0	0	0	0	0	1	2	0	0	0	6	16	227	245	20	0	74	36	200	289	1881
52595	52961	2024	2025	30	0	13	16	331	121	265	25	2	0	0	0	0	0	0	0	1	3	0	0	0	7	19	248	265	21	0	77	40	219	300	2004
52961	53326	2025	2026	31	0	14	18	355	137	319	30	3	0	0	0	0	0	0	0	1	3	0	0	0	8	23	273	284	22	0	80	44	245	312	2203
53326	53691	2026	2027	33	0	15	19	378	147	342	34	3	0	0	0	0	0	0	0	2	4	0	0	0	9	27	296	300	23	0	83	49	273	359	2395
53691	54056	2027	2028	35	0	16	20	398	155	360	37	4	0	0	0	0	0	0	1	2	4	0	0	0	11	31	316	313	24	0	85	55	299	380	2547
54056	54422	2028	2029	37	0	17	22	419	162	379	40	5	0	0	0	0	0	0	1	2	5	0	0	0	12	35	334	325	25	0	88	60	323	397	2688
54422	54787	2029	2030	40	0	18	23	438	169	394	43	6	0	0	0	0	0	0	1	2	5	0	0	1	13	38	351	335	26	0	90	64	345	412	2814
54787	55152	2030	2031	42	0	20	24	455	176	408	46	6	0	0	0	0	0	0	1	3	6	0	0	1	14	42	366	345	26	0	92	68	364	425	2929
55152	55517	2031	2032	44	0	21	25	470	182	420	48	7	0	0	0	0	0	0	2	3	6	0	0	1	15	45	380	354	27	0	94	72	382	436	3035
55517	55883	2032	2033	45	0	22	26	484	187	432	50	8	0	0	0	0	0	0	2	3	7	0	0	1	16	47	393	364	28	0	96	76	399	447	3135
55883	56248	2033	2034	47	0	22	27	497	192	443	52	8	0	0	0	0	0	0	2	4	7	0	0	1	17	50	406	373	28	0	98	79	414	458	3227
56248	56613	2034	2035	48	0	23	28	508	196	453	54	9	0	0	0	0	0	0	2	4	8	0	0	1	18	52	418	382	29	0	100	82	428	468	3312
56613	56978	2035	2036	49	0	24	29	519	200	462	56	10	0	0	0	0	0	0	3	4	8	0	0	1	19	54	428	389	30	0	102	85	441	479	3393
56978	57344	2036	2037	50	0	25	30	529	204	471	58	10	1	0	0	0	0	0	3	4	8	0	0	1	20	56	438	396	30	0	103	88	453	490	3470
57344	57709	2037	2038	51	0	25	31	539	208	479	59	11	1	0	0	0	0	0	3	4	9	0	0	1	21	58	447	403	31	0	104	90	465	500	3541
57709	58074	2038	2039	52	0	26	31	549	212	487	61	11	1	0	0	0	0	0	3	5	9	0	0	2	21	60	456	409	31	0	106	93	475	510	3609
58074	58439	2039	2040	53	0	26	32	558	216	495	62	12	1	0	0	0	0	0	3	5	9	0	0	2	22	61	464	414	32	0	107	95	485	519	3673
58439	58805	2040	2041	54	0	27	33	567	219	502	63	12	1	0	0	0	0	0	3	5	10	0	0	2	22	63	472	419	32	0	108	97	495	528	3735
58805	59170	2041	2042	55	0	28	33	576	223	510	65	12	1	0	0	0	0	0	4	5	10	0	0	2	23	64	479	424	33	0	109	99	504	538	3796
59170	59535	2042	2043	56	0	28	34	584	226	517	66	13	1	0	0	0	0	0	4	5	10	0	0	2	23	66	486	429	33	0	110	101	513	548	3854
59535	59900	2043	2044	57	0	29	35	592	229	523	67	13	1	0	0	0	0	1	4	6	11	0	0	2	24	67	492	433	33	0	111	103	521	558	3911
59900	60266	2044	2045	58	0	29	35	600	232	530	68	14	1	0	0	0	0	1	4	6	11	0	0	2	24	69	498	437	34	0	112	104	529	568	3965
60266	60631	2045	2046	59	0	30	36	608	235	536	69	14	1	0	0	0	0	1	4	6	11	0	0	2	25	70	506	443	34	0	113	106	537	577	4021
60631	60996	2046	2047	59	0	30	37	615	238	542	70	14	1	0	0	0	0	1	4	6	11	0	0	2	25	71	515	453	35	0	115	108	545	586	4084
60996	61361	2047	2048	60	0	31	37	622	241	548	71	15	1	0	0	0	0	1	4	6	11	0	0	2	26	72	526	463	35	0	117	109	553	595	4148
61361	61727	2048	2049	61	0	31	38	629	243	554	72	15	1	0	0	0	0	1	5	6	12	0	0	2	27	74	536	473	36	0	119	111	562	603	4210
61727	62092	2049	2050	62	0	32	38	636	246	559	74	16	1	0	0	0	0	1	5	7	12	0	0	3	27	75	545	481	37	0	121	113	570	611	4269
62092	62457	2050	2051	62	0	32	39	642	248	565	75	16	1	0	0	0	0	1	5	7	12	0	0	3	28	77	554	488	37	0	123	114	578	620	4326
62457	62822	2051	2052	63	0	33	39	649	251	570	76	16	1	0	0	0	0	1	5	7	12	0	0	3	28	78	563	495	38	0	124	116	586	632	4385
62822	63188	2052	2053	64	0	33	40	655	253	576	77	17	2	0	0	0	0	1	5	7	13	0	0	3	29	79	571	502	38	0	126	117	594	644	4444
63188	63553	2053	2054	64	0	33	41	661	256	581	77	17	2	0	0	0	0	1	5	7	13	0	0	3	29	80	579	508	39	0	127	119	602	657	4501
63553	63918	2054	2055	65	0	34	41	668	258	586	78	17	2	0	0	0	0	1	5	7	13	0	0	3	30	82	587	514	39	0	128	120	610	669	4558
63918	64283	2055	2056	66	0	34	42	674	261	591	79	18	2	0	0	0	0	1	5	8	13	0	0	3	30	83	594	520	40	0	130	122	617	680	4613
64283	64649	2056	2057	66	0	35	42	680	263	597	80	18	2	0	0	0	0	1	6	8	14	0	0	3	30	84	602	525	40	0	131	123	625	691	4667
64649	65014	2057	2058	67	0	35	43	686	266	602	81	18	2	0	0	0	0	1	6	8	14	0	0	3	31	85	609	531	41	0	132	125	632	701	4719
65014	65379	2058	2059	68	0	36	43	693	268	607	82	19	2	0	0	0	0	1	6	8	14	0	0	3	31	87	616	536	41	0	133	126	640	710	4770
65379	65744	2059	2060	68	0	36	44	699	271	613	83	19	2	0	0	0	0	1	6	8	14	0	0	3	32	88	622	541	41	0	134	128	647	720	4820
65744	66110	2060	2061	69	0	36	44	705	273	618	84	19	2	0	0	0	0	1	6	8	15	0	0	4	32	89	628	545	42	0	135	129	654	728	4868
66110	66475	2061	2062	71	0	37	45	711	275	623	85	20	2	0	0	0	0	1	6	8	15	0	0	4	33	90	636	550	42	0	136	131	661	742	4924
66475	66840	2062	2063	72	0	37	45	717	278	628	86	20	2	0	0	0	0	1	6	9	15	0	0	4	33	91	642	554	42	0	137	132	668	750	4969
66840	67205	2063	2064	73	0	38	46	723	280	633	87	20	2	0	0	0	0	1	6	9	15	0	0	4	33	92	647	558	43	0	138	134	674	757	5013
67205	67571	2064	2065	73	0	38	46	729	282	637	88	21	2	0	0	0	0	1	7	9	15	0	0	4	34	93	652	562	43	0	139	135	680	765	5055

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (S5 model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																																
67571	67936	2065	2066	74	0	38	47	734	284	642	89	21	3	0	0	0	0	1	7	9	16	0	0	4	34	94	657	566	43	0	140	136	686	772	5096
67936	68301	2066	2067	74	0	39	47	740	286	647	89	21	3	0	0	0	0	1	7	9	16	0	0	4	35	95	662	570	44	0	140	137	691	779	5136
68301	68666	2067	2068	75	0	39	48	745	289	651	90	22	3	0	0	0	0	1	7	9	16	0	0	4	35	96	667	573	44	0	141	139	696	787	5175
68666	69032	2068	2069	76	0	40	48	751	291	655	91	22	3	0	0	0	0	1	7	9	16	0	0	4	35	96	671	576	44	0	142	140	702	793	5213
69032	69397	2069	2070	76	0	40	48	756	293	660	92	22	3	0	0	0	0	1	7	9	16	0	0	4	36	97	675	580	44	0	143	141	707	800	5250
69397	69762	2070	2071	77	0	40	49	761	295	664	92	22	3	0	0	0	0	1	7	9	16	0	0	4	36	98	679	583	45	0	144	142	712	807	5286
69762	70127	2071	2072	77	0	41	49	766	297	668	93	23	3	0	0	0	0	1	7	10	17	0	0	4	36	99	683	586	45	0	144	143	716	813	5321
70127	70493	2072	2073	78	0	41	50	771	298	672	94	23	3	0	0	0	0	1	7	10	17	0	0	4	36	99	687	588	45	0	145	144	721	819	5354
70493	70858	2073	2074	78	0	41	50	776	300	676	94	23	3	0	0	0	0	1	7	10	17	0	0	4	37	100	691	591	45	0	146	145	725	825	5387
70858	71223	2074	2075	79	0	42	50	780	302	679	95	24	3	0	0	0	0	1	7	10	17	0	0	4	37	101	694	594	46	0	146	146	730	831	5419
71223	71588	2075	2076	79	0	42	51	784	304	683	96	24	3	0	0	0	0	1	8	10	17	0	0	5	37	101	698	596	46	0	147	147	734	837	5449
71588	71954	2076	2077	80	0	42	51	789	305	686	96	24	3	0	0	0	0	1	8	10	17	0	0	5	38	102	701	599	46	0	147	148	738	842	5479
71954	72319	2077	2078	80	0	43	52	793	307	690	97	24	3	0	0	0	0	1	8	10	17	0	0	5	38	102	704	601	46	0	148	149	742	848	5507
72319	72684	2078	2079	81	0	43	52	797	308	693	97	24	3	0	0	0	0	1	8	10	18	0	0	5	38	103	707	604	46	0	149	149	745	853	5535
72684	73049	2079	2080	81	0	43	52	801	310	696	98	25	3	0	0	0	0	1	8	10	18	0	0	5	38	104	710	606	47	0	149	150	749	858	5562
73049	73415	2080	2081	82	0	44	52	804	311	699	98	25	3	0	0	0	0	1	8	10	18	0	0	5	38	104	713	608	47	0	150	151	752	863	5588
73415	73780	2081	2082	82	0	44	53	808	313	702	99	25	3	0	0	0	0	1	8	10	18	0	0	5	39	105	716	610	47	0	150	152	756	867	5613
73780	74145	2082	2083	83	0	44	53	811	314	705	99	25	3	0	0	0	0	1	8	10	18	0	0	5	39	105	719	612	47	0	151	152	759	872	5637
74145	74510	2083	2084	83	0	44	53	815	315	707	100	25	3	0	0	0	0	1	8	11	18	0	0	5	39	105	722	614	47	0	151	153	762	876	5660
74510	74876	2084	2085	83	0	45	54	818	316	710	100	26	3	0	0	0	0	1	8	11	18	0	0	5	39	106	724	616	47	0	152	154	765	880	5682
74876	75241	2085	2086	84	0	45	54	821	318	712	101	26	4	0	0	0	0	1	8	11	18	0	0	5	39	106	727	618	48	0	152	154	768	884	5704
75241	75606	2086	2087	84	0	45	54	824	319	715	101	26	4	0	0	0	0	1	8	11	18	0	0	5	40	107	729	620	48	0	153	155	771	888	5725
75606	75971	2087	2088	84	0	45	54	827	320	717	102	26	4	0	0	0	0	1	8	11	19	0	0	5	40	107	731	622	48	0	153	156	773	892	5745
75971	76337	2088	2089	85	0	45	55	830	321	719	102	26	4	0	0	0	0	1	8	11	19	0	0	5	40	108	733	624	48	0	153	156	776	895	5765
76337	76702	2089	2090	85	0	46	55	832	322	722	102	26	4	0	0	0	0	1	8	11	19	0	0	5	40	108	736	625	48	0	154	157	778	899	5783
76702	77067	2090	2091	85	0	46	55	835	323	724	103	27	4	0	0	0	0	2	8	11	19	0	0	5	40	108	738	627	48	0	154	157	781	902	5802
77067	77432	2091	2092	86	0	46	55	838	324	726	103	27	4	0	0	0	0	2	9	11	19	0	0	5	40	109	740	628	48	0	155	158	783	906	5819
77432	77798	2092	2093	86	0	46	55	840	325	728	103	27	4	0	0	0	0	2	9	11	19	0	0	5	41	109	742	630	49	0	155	158	785	909	5837
77798	78163	2093	2094	86	0	46	56	842	326	730	104	27	4	0	0	0	0	2	9	11	19	0	0	5	41	109	744	631	49	0	155	159	788	912	5853
78163	78528	2094	2095	86	0	47	56	845	327	731	104	27	4	0	0	0	0	2	9	11	19	0	0	5	41	110	745	633	49	0	156	159	790	915	5869
78528	78893	2095	2096	87	0	47	56	847	327	733	104	27	4	0	0	0	0	2	9	11	19	0	0	5	41	110	747	634	49	0	156	160	792	918	5884
78893	79259	2096	2097	87	0	47	56	849	328	735	105	27	4	0	0	0	0	2	9	11	19	0	0	5	41	110	749	635	49	0	156	160	794	920	5899
79259	79624	2097	2098	87	0	47	56	851	329	737	105	27	4	0	0	0	0	2	9	11	19	0	0	5	41	111	750	637	49	0	157	161	796	923	5914
79624	79989	2098	2099	87	0	47	57	853	330	738	105	28	4	0	0	0	0	2	9	11	19	0	0	5	41	111	752	638	49	0	157	161	798	926	5928
79989	80354	2099	2100	88	0	47	57	855	330	740	105	28	4	0	0	0	0	2	9	11	20	0	0	5	41	111	754	639	49	0	157	161	799	928	5942
80354	80719	2100	2101	88	0	48	57	857	331	741	106	28	4	0	0	0	0	2	9	11	20	0	0	5	42	111	755	640	49	0	158	162	801	931	5955
80719	81084	2101	2102	88	0	48	57	859	332	743	106	28	4	0	0	0	0	2	9	11	20	0	0	5	42	112	757	642	49	0	158	162	803	933	5968
81084	81449	2102	2103	88	0	48	57	860	332	744	106	28	4	0	0	0	0	2	9	11	20	0	0	5	42	112	758	643	50	0	158	163	804	935	5980
81449	81814	2103	2104	88	0	48	57	862	333	745	106	28	4	0	0	0	0	2	9	11	20	0	0	5	42	112	759	644	50	0	158	163	806	938	5992
81814	82180	2104	2105	89	0	48	57	864	334	747	107	28	4	0	0	0	0	2	9	11	20	0	0	5	42	112	761	645	50	0	159	163	808	940	6004
82180	82545	2105	2106	89	0	48	58	865	334	748	107	28	4	0	0	0	0	2	9	12	20	0	0	5	42	113	762	646	50	0	159	164	809	942	6016
82545	82910	2106	2107	89	0	48	58	867	335	749	107	28	4	0	0	0	0	2	9	12	20	0	0	5	42	113	763	647	50	0	159	164	811	944	6027
82910	83275	2107	2108	89	0	48	58	868	336	751	107	28	4	0	0	0	0	2	9	12	20	0	0	5	42	113	765	648	50	0	159	164	812	946	6037
83275	83641	2108	2109	89	0	49	58	870	336	752	107	28	4	0	0	0	0	2	9	12	20	0	0	6	42	113	766	649	50	0	160	165	813	948	6048
83641	84006	2109	2110	89	1	49	58	871	337	753	108	29	4	0	0	0	0	2	9	12	20	0	0	6	42	114	767	650	50	0	160	165	815	950	6058
84006	84371	2110	2111	90	1	49	58	873	337	754	108	29	4	0	0	0	0	2	9	12	20	0	0	6	42	114	768	651	50	0	160	165	816	952	6068
84371	84736	2111	2112	90	1	49	58	874	338	755	108	29	4	0	0	0	0	2	9	12	20	0	0	6	43	114	769	652	50	0	160	165	817	954	6078
84736	85102	2112	2113	90	1	49	58	875	338	756	108	29	4	0	0	0	0	2	9	12	20	0	0	6	43	114	770	653	50	0	161	166	818	955	6087
85102	85467	2113	2114	90	1	49	59	876	339	757	108	29	4	0	0	0	0	2	9	12	20	0	0	6	43	114	771	653	50	0	161	166	820	957	6096

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (S5 model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																																
0	1	1880	1880	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
1	1827	1880	1885	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
1827	3653	1885	1890	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
3653	5479	1890	1895	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
5479	7305	1895	1900	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
7305	9131	1900	1905	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
9131	10957	1905	1910	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
10957	12783	1910	1915	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
12783	14609	1915	1920	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
14609	16436	1920	1925	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
16436	18262	1925	1930	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
18262	20088	1930	1935	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
20088	21914	1935	1940	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
21914	23741	1940	1945	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
23741	25567	1945	1950	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
25567	27393	1950	1955	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
27393	29219	1955	1960	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
29219	31046	1960	1965	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.2	0.4	2.3
31046	32872	1965	1970	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.2	0.4	2.4
32872	34698	1970	1975	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.3	0.0	0.0	0.0	0.0	1.7	0.4	6.5
34698	36524	1975	1980	0.0	0.0	0.0	0.0	0.7	0.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.3	0.5	0.0	0.0	0.0	0.0	2.3	0.4	8.4
36524	37255	1980	1982	0.0	0.0	0.0	0.0	1.6	0.7	3.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	4.6	0.9	0.1	0.0	0.7	0.1	3.7	0.4	16.8
37255	37985	1982	1984	0.0	0.0	0.0	0.1	1.9	0.9	3.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.1	0.1	0.0	0.7	0.1	4.3	0.4	19.2
37985	38351	1984	1985	0.0	0.0	0.0	0.1	2.0	0.9	3.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.1	0.1	0.0	0.7	0.2	4.4	0.4	19.5
38351	38716	1985	1986	0.0	0.0	0.0	0.1	3.8	1.4	5.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.2	0.1	0.0	0.7	0.2	4.7	0.4	23.8
38716	39446	1986	1988	0.0	0.0	0.0	0.2	5.3	1.9	7.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	5.1	1.2	0.1	0.0	0.7	0.2	5.4	0.5	28.6
39446	39812	1988	1989	0.0	0.0	0.0	0.2	5.7	2.0	7.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	5.1	1.2	0.1	0.0	0.7	0.3	5.5	0.5	29.6
39812	40177	1989	1990	0.0	0.0	0.0	0.2	5.9	2.0	7.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.5	4.9	1.2	0.1	0.0	0.7	0.3	5.5	0.6	30.0
40177	40542	1990	1991	0.1	0.0	0.0	0.2	6.4	2.4	10.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.6	5.8	1.5	0.1	0.0	0.7	0.3	5.9	1.3	36.3
40542	40907	1991	1992	0.2	0.0	0.1	0.2	6.6	2.5	10.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.6	6.2	1.7	0.1	0.0	0.8	0.3	6.3	1.5	38.4
40907	41273	1992	1993	0.2	0.0	0.1	0.3	6.8	2.5	10.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.7	6.4	1.8	0.1	0.0	0.8	0.4	6.6	1.6	39.9
41273	41638	1993	1994	0.2	0.0	0.1	0.3	7.0	2.6	10.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.7	6.6	1.9	0.2	0.0	0.8	0.4	6.8	1.7	41.0
41638	42003	1994	1995	0.2	0.0	0.1	0.3	7.1	2.6	11.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	6.8	2.0	0.2	0.0	0.8	0.4	7.0	1.7	41.8
42003	42368	1995	1996	0.2	0.0	0.1	0.3	7.8	2.8	11.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	6.9	2.0	0.2	0.0	0.8	0.4	7.1	2.1	43.9
42368	42734	1996	1997	0.2	0.0	0.1	0.3	8.0	2.9	11.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	7.0	2.1	0.2	0.0	0.9	0.4	7.3	2.2	44.8
42734	43099	1997	1998	0.3	0.0	0.1	0.3	8.1	2.9	11.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.1	2.1	0.2	0.0	0.9	0.4	7.4	2.2	45.4
43099	43464	1998	1999	0.3	0.0	0.1	0.3	8.1	2.9	11.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.1	2.1	0.2	0.0	0.9	0.4	7.4	2.3	45.7
43464	43829	1999	2000	0.3	0.0	0.1	0.3	8.2	2.9	11.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.1	2.1	0.2	0.0	0.9	0.4	7.4	2.3	46.0
43829	44195	2000	2001	0.3	0.0	0.1	0.3	8.8	3.0	11.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.4	2.6	0.2	0.0	0.6	0.4	7.6	2.3	47.5
44195	44560	2001	2002	0.3	0.0	0.1	0.4	9.1	3.1	12.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.6	2.8	0.2	0.0	0.6	0.5	7.7	2.2	48.4
44560	44925	2002	2003	0.3	0.0	0.1	0.3	7.0	2.3	7.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.5	2.9	0.2	0.0	0.6	0.4	7.3	2.1	40.9
44925	45290	2003	2004	0.3	0.0	0.1	0.3	5.9	1.9	6.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	7.4	2.9	0.2	0.0	0.6	0.4	6.6	2.0	36.8
45290	45656	2004	2005	0.2	0.0	0.1	0.3	5.4	1.7	5.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.7	7.1	2.9	0.2	0.0	0.6	0.4	5.9	1.9	34.0
45656	46021	2005	2006	0.2	0.0	0.1	0.2	5.1	1.6	5.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.6	6.8	2.9	0.2	0.0	0.6	0.3	5.4	2.0	32.1
46021	46386	2006	2007	0.2	0.0	0.1	0.2	4.9	1.5	5.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.5	6.6	2.9	0.2	0.0	0.6	0.3	5.0	2.0	30.5
46386	46751	2007	2008	0.2	0.0	0.1	0.2	4.7	1.4	4.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.4	6.3	2.8	0.2	0.0	0.6	0.3	4.6	1.9	29.2
46751	47117	2008	2009	0.2	0.0	0.1	0.2	4.6	1.4	4.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.3	6.0	2.8	0.2	0.0	0.6	0.3	4.3	1.9	27.8
47117	47482	2009	2010	0.2	0.0	0.1	0.2	4.4	1.3	4.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.2	5.7	2.8	0.2	0.0	0.6	0.2	4.0	1.7	26.5
47482	47847	2010	2011	0.2	0.0	0.1	0.2	4.4	1.3	4.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	5.4	2.8	0.2	0.0	0.6	0.2	3.7	1.7	25.5
47847	48212	2011	2012	0.2	0.0	0.1	0.2	4.4	1.3	4.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.6	2.9	0.2	0.0	0.7	0.2	3.6	1.7	25.9
48212	48578	2012	2013	0.2	0.0	0.1	0.2	4.4	1.3	4.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.7	3.0	0.2	0.0	0.7	0.2	3.5	1.7	25.8
48578	48943	2013	2014	0.2	0.0	0.1	0.2	4.3	1.3	4.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.7	3.0	0.2	0.0	0.7	0.2	3.4	1.7	25.6

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S5 model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																																
48943	49308	2014	2015	0.2	0.0	0.1	0.2	4.3	1.3	4.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.7	3.0	0.2	0.0	0.7	0.2	3.4	1.7	25.5
49308	49673	2015	2016	0.2	0.0	0.1	0.2	4.3	1.3	4.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.7	3.1	0.2	0.0	0.8	0.2	3.4	1.8	25.8
49673	50039	2016	2017	0.2	0.0	0.1	0.2	4.3	1.3	4.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.9	3.3	0.2	0.0	0.9	0.2	3.5	1.9	26.6
50039	50404	2017	2018	0.2	0.0	0.1	0.2	4.4	1.3	4.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	6.1	3.4	0.2	0.0	0.9	0.2	3.7	2.0	27.6
50404	50769	2018	2019	0.2	0.0	0.1	0.2	4.5	1.3	4.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	6.3	3.6	0.2	0.0	1.0	0.2	3.9	2.1	28.7
50769	51134	2019	2020	0.2	0.0	0.1	0.2	4.6	1.4	4.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	6.6	3.7	0.3	0.0	1.0	0.2	4.2	2.2	29.8
51134	51500	2020	2021	0.2	0.0	0.1	0.2	5.1	1.5	5.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.3	7.0	4.2	0.3	0.0	1.2	0.2	4.4	2.2	32.4
51500	51865	2021	2022	0.2	0.0	0.1	0.3	5.5	1.7	5.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.4	7.6	4.7	0.3	0.0	1.3	0.3	4.9	2.3	35.5
51865	52230	2022	2023	0.2	0.0	0.1	0.3	5.9	1.8	5.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.5	8.3	5.0	0.4	0.0	1.4	0.3	5.4	2.4	38.4
52230	52595	2023	2024	0.2	0.0	0.1	0.3	6.2	1.9	6.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.6	8.8	5.3	0.4	0.0	1.4	0.3	5.9	2.5	41.0
52595	52961	2024	2025	0.3	0.0	0.1	0.3	6.5	2.0	6.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.7	9.7	5.7	0.4	0.0	1.5	0.3	6.4	2.6	43.9
52961	53326	2025	2026	0.3	0.0	0.1	0.3	7.0	2.3	7.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.9	10.6	6.1	0.4	0.0	1.6	0.4	7.2	2.7	48.7
53326	53691	2026	2027	0.3	0.0	0.1	0.4	7.4	2.5	8.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.4	1.0	11.5	6.5	0.5	0.0	1.6	0.4	8.0	3.1	52.8
53691	54056	2027	2028	0.3	0.0	0.1	0.4	7.8	2.6	8.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.2	12.3	6.8	0.5	0.0	1.7	0.5	8.8	3.3	56.3
54056	54422	2028	2029	0.3	0.0	0.1	0.4	8.3	2.7	9.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.5	1.4	13.0	7.0	0.5	0.0	1.7	0.5	9.5	3.5	59.6
54422	54787	2029	2030	0.3	0.0	0.2	0.5	8.6	2.8	9.6	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.5	1.5	13.7	7.2	0.5	0.0	1.8	0.5	10.1	3.6	62.5
54787	55152	2030	2031	0.4	0.0	0.2	0.5	9.0	2.9	10.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.6	1.6	14.3	7.4	0.5	0.0	1.8	0.6	10.7	3.7	65.1
55152	55517	2031	2032	0.4	0.0	0.2	0.5	9.3	3.0	10.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.6	1.7	14.8	7.7	0.5	0.0	1.8	0.6	11.2	3.8	67.6
55517	55883	2032	2033	0.4	0.0	0.2	0.5	9.5	3.1	10.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.6	1.8	15.3	7.9	0.5	0.0	1.9	0.6	11.7	3.9	69.9
55883	56248	2033	2034	0.4	0.0	0.2	0.5	9.8	3.2	10.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.7	1.9	15.8	8.1	0.6	0.0	1.9	0.7	12.1	4.0	72.1
56248	56613	2034	2035	0.4	0.0	0.2	0.6	10.0	3.3	11.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.7	2.0	16.3	8.2	0.6	0.0	2.0	0.7	12.6	4.1	74.1
56613	56978	2035	2036	0.4	0.0	0.2	0.6	10.2	3.4	11.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.7	2.1	16.7	8.4	0.6	0.0	2.0	0.7	12.9	4.2	75.9
56978	57344	2036	2037	0.4	0.0	0.2	0.6	10.4	3.4	11.5	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.8	2.2	17.1	8.6	0.6	0.0	2.0	0.7	13.3	4.3	77.7
57344	57709	2037	2038	0.4	0.0	0.2	0.6	10.6	3.5	11.7	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.3	17.4	8.7	0.6	0.0	2.0	0.8	13.6	4.4	79.3
57709	58074	2038	2039	0.5	0.0	0.2	0.6	10.8	3.6	11.9	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.3	17.8	8.8	0.6	0.0	2.1	0.8	13.9	4.4	80.8
58074	58439	2039	2040	0.5	0.0	0.2	0.6	11.0	3.6	12.1	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.4	18.1	8.9	0.6	0.0	2.1	0.8	14.2	4.5	82.3
58439	58805	2040	2041	0.5	0.0	0.2	0.6	11.2	3.7	12.3	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.5	18.4	9.1	0.6	0.0	2.1	0.8	14.5	4.6	83.7
58805	59170	2041	2042	0.5	0.0	0.2	0.7	11.4	3.7	12.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.5	18.7	9.2	0.6	0.0	2.1	0.8	14.8	4.7	85.0
59170	59535	2042	2043	0.5	0.0	0.2	0.7	11.5	3.8	12.6	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.6	18.9	9.3	0.6	0.0	2.2	0.8	15.0	4.8	86.3
59535	59900	2043	2044	0.5	0.0	0.2	0.7	11.7	3.8	12.8	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.1	0.9	2.6	19.2	9.4	0.7	0.0	2.2	0.9	15.3	4.9	87.6
59900	60266	2044	2045	0.5	0.0	0.3	0.7	11.8	3.9	13.0	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.1	1.0	2.7	19.4	9.4	0.7	0.0	2.2	0.9	15.5	4.9	88.8
60266	60631	2045	2046	0.5	0.0	0.3	0.7	12.0	3.9	13.1	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.1	1.0	2.7	19.7	9.6	0.7	0.0	2.2	0.9	15.7	5.0	90.0
60631	60996	2046	2047	0.5	0.0	0.3	0.7	12.1	4.0	13.3	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.1	1.0	2.8	20.1	9.8	0.7	0.0	2.3	0.9	16.0	5.1	91.5
60996	61361	2047	2048	0.5	0.0	0.3	0.7	12.3	4.0	13.4	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5	0.0	0.0	0.1	1.0	2.8	20.5	10.0	0.7	0.0	2.3	0.9	16.2	5.2	93.0
61361	61727	2048	2049	0.5	0.0	0.3	0.7	12.4	4.1	13.6	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.0	2.9	20.9	10.2	0.7	0.0	2.3	0.9	16.5	5.2	94.4
61727	62092	2049	2050	0.5	0.0	0.3	0.8	12.5	4.1	13.7	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	21.3	10.4	0.7	0.0	2.4	0.9	16.7	5.3	95.8
62092	62457	2050	2051	0.5	0.0	0.3	0.8	12.7	4.2	13.8	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	3.0	21.6	10.5	0.7	0.0	2.4	1.0	16.9	5.4	97.1
62457	62822	2051	2052	0.5	0.0	0.3	0.8	12.8	4.2	14.0	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	3.0	21.9	10.7	0.7	0.0	2.4	1.0	17.2	5.5	98.4
62822	63188	2052	2053	0.6	0.0	0.3	0.8	12.9	4.2	14.1	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	3.1	22.3	10.8	0.8	0.0	2.5	1.0	17.4	5.6	99.7
63188	63553	2053	2054	0.6	0.0	0.3	0.8	13.0	4.3	14.2	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	3.1	22.6	11.0	0.8	0.0	2.5	1.0	17.6	5.7	101.0
63553	63918	2054	2055	0.6	0.0	0.3	0.8	13.2	4.3	14.4	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.2	3.2	22.9	11.1	0.8	0.0	2.5	1.0	17.9	5.8	102.2
63918	64283	2055	2056	0.6	0.0	0.3	0.8	13.3	4.4	14.5	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.2	3.2	23.2	11.2	0.8	0.0	2.5	1.0	18.1	5.9	103.4
64283	64649	2056	2057	0.6	0.0	0.3	0.8	13.4	4.4	14.6	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.2	3.3	23.5	11.3	0.8	0.0	2.6	1.0	18.3	6.0	104.6
64649	65014	2057	2058	0.6	0.0	0.3	0.8	13.5	4.5	14.7	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.6	0.0	0.0	0.1	1.2	3.3	23.7	11.5	0.8	0.0	2.6	1.0	18.5	6.1	105.8
65014	65379	2058	2059	0.6	0.0	0.3	0.9	13.7	4.5	14.9	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.6	0.0	0.0	0.1	1.2	3.4	24.0	11.6	0.8	0.0	2.6	1.1	18.7	6.2	106.9
65379	65744	2059	2060	0.6	0.0	0.3	0.9	13.8	4.5	15.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.6	0.0	0.0	0.1	1.2	3.4	24.3	11.7	0.8	0.0	2.6	1.1	18.9	6.3	108.0
65744	66110	2060	2061	0.6	0.0	0.3	0.9	13.9	4.6	15.1	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.6	0.0	0.0	0.1	1.3	3.5	24.5	11.8	0.8	0.0	2.6	1.1	19.1	6.3	109.1
66110	66475	2061	2062	0.6	0.0	0.3	0.9	14.0	4.6	15.3	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.6	0.0	0.0	0.1	1.3	3.5	24.8	11.9	0.8	0.0	2.7	1.1	19.4	6.5	110.3
66475	66840	2062	2063	0.6	0.0	0.3	0.9	14.1	4.7	15.4	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6	0.0	0.0	0.1	1.3	3.6	25.0	12.0	0.8	0.0	2.7	1.1	19.6	6.5	111.3
66840	67205	2063	2064	0.6	0.0	0.3	0.9	14.3	4.7	15.5	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6	0.0	0.0	0.2	1.3	3.6	25.2	12.1	0.8	0.0	2.7	1.1	19.7	6.6	112.3
67205	67571	2064	2065	0.6	0.0	0.3	0.9	14.4	4.7	15.6	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6	0.0	0.0	0.2	1.3	3.6	25.4	12.1	0.8	0.0	2.7	1.1	19.9	6.7	113.2

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S5 model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																																
67571	67936	2065	2066	0.6	0.0	0.3	0.9	14.5	4.8	15.7	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.6	0.0	0.0	0.2	1.3	3.7	25.6	12.2	0.8	0.0	2.7	1.1	20.1	6.7	114.1
67936	68301	2066	2067	0.6	0.0	0.3	0.9	14.6	4.8	15.8	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.6	0.0	0.0	0.2	1.3	3.7	25.8	12.3	0.9	0.0	2.8	1.2	20.2	6.8	115.0
68301	68666	2067	2068	0.7	0.0	0.3	0.9	14.7	4.8	15.9	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.6	0.0	0.0	0.2	1.4	3.7	26.0	12.4	0.9	0.0	2.8	1.2	20.4	6.8	115.8
68666	69032	2068	2069	0.7	0.0	0.3	0.9	14.8	4.9	16.0	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.0	0.0	0.2	1.4	3.8	26.2	12.4	0.9	0.0	2.8	1.2	20.6	6.9	116.6
69032	69397	2069	2070	0.7	0.0	0.3	1.0	14.9	4.9	16.2	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.0	0.0	0.2	1.4	3.8	26.3	12.5	0.9	0.0	2.8	1.2	20.7	7.0	117.4
69397	69762	2070	2071	0.7	0.0	0.4	1.0	15.0	4.9	16.3	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.8	26.5	12.6	0.9	0.0	2.8	1.2	20.8	7.0	118.2
69762	70127	2071	2072	0.7	0.0	0.4	1.0	15.1	5.0	16.4	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.8	26.6	12.6	0.9	0.0	2.8	1.2	21.0	7.1	119.0
70127	70493	2072	2073	0.7	0.0	0.4	1.0	15.2	5.0	16.5	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.9	26.8	12.7	0.9	0.0	2.8	1.2	21.1	7.1	119.7
70493	70858	2073	2074	0.7	0.0	0.4	1.0	15.3	5.0	16.5	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.9	26.9	12.8	0.9	0.0	2.9	1.2	21.2	7.2	120.4
70858	71223	2074	2075	0.7	0.0	0.4	1.0	15.4	5.1	16.6	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.4	3.9	27.1	12.8	0.9	0.0	2.9	1.2	21.4	7.2	121.1
71223	71588	2075	2076	0.7	0.0	0.4	1.0	15.5	5.1	16.7	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.5	3.9	27.2	12.9	0.9	0.0	2.9	1.2	21.5	7.3	121.8
71588	71954	2076	2077	0.7	0.0	0.4	1.0	15.6	5.1	16.8	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.5	4.0	27.3	12.9	0.9	0.0	2.9	1.2	21.6	7.3	122.4
71954	72319	2077	2078	0.7	0.0	0.4	1.0	15.6	5.1	16.9	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.5	4.0	27.5	13.0	0.9	0.0	2.9	1.2	21.7	7.4	123.0
72319	72684	2078	2079	0.7	0.0	0.4	1.0	15.7	5.2	17.0	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.5	4.0	27.6	13.0	0.9	0.0	2.9	1.3	21.8	7.4	123.6
72684	73049	2079	2080	0.7	0.0	0.4	1.0	15.8	5.2	17.0	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.5	4.0	27.7	13.1	0.9	0.0	2.9	1.3	21.9	7.5	124.2
73049	73415	2080	2081	0.7	0.0	0.4	1.0	15.9	5.2	17.1	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.5	4.1	27.8	13.1	0.9	0.0	2.9	1.3	22.0	7.5	124.8
73415	73780	2081	2082	0.7	0.0	0.4	1.0	15.9	5.2	17.2	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.5	4.1	27.9	13.2	0.9	0.0	2.9	1.3	22.1	7.6	125.3
73780	74145	2082	2083	0.7	0.0	0.4	1.0	16.0	5.3	17.3	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.5	4.1	28.0	13.2	0.9	0.0	3.0	1.3	22.2	7.6	125.8
74145	74510	2083	2084	0.7	0.0	0.4	1.1	16.1	5.3	17.3	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.5	4.1	28.1	13.3	0.9	0.0	3.0	1.3	22.3	7.6	126.3
74510	74876	2084	2085	0.7	0.0	0.4	1.1	16.1	5.3	17.4	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.5	4.1	28.2	13.3	0.9	0.0	3.0	1.3	22.4	7.7	126.8
74876	75241	2085	2086	0.7	0.0	0.4	1.1	16.2	5.3	17.4	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.5	4.1	28.3	13.4	0.9	0.0	3.0	1.3	22.5	7.7	127.3
75241	75606	2086	2087	0.7	0.0	0.4	1.1	16.3	5.3	17.5	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.5	4.2	28.4	13.4	0.9	0.0	3.0	1.3	22.6	7.7	127.7
75606	75971	2087	2088	0.7	0.0	0.4	1.1	16.3	5.4	17.6	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.6	4.2	28.5	13.4	0.9	0.0	3.0	1.3	22.7	7.8	128.2
75971	76337	2088	2089	0.7	0.0	0.4	1.1	16.4	5.4	17.6	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.6	4.2	28.6	13.5	0.9	0.0	3.0	1.3	22.7	7.8	128.6
76337	76702	2089	2090	0.7	0.0	0.4	1.1	16.4	5.4	17.7	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	0.0	0.0	0.2	1.6	4.2	28.7	13.5	0.9	0.0	3.0	1.3	22.8	7.8	129.0
76702	77067	2090	2091	0.7	0.0	0.4	1.1	16.5	5.4	17.7	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.8	0.0	0.0	0.2	1.6	4.2	28.8	13.5	0.9	0.0	3.0	1.3	22.9	7.9	129.4
77067	77432	2091	2092	0.7	0.0	0.4	1.1	16.5	5.4	17.8	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.8	0.0	0.0	0.2	1.6	4.2	28.8	13.6	0.9	0.0	3.0	1.3	22.9	7.9	129.8
77432	77798	2092	2093	0.7	0.0	0.4	1.1	16.6	5.4	17.8	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.8	0.0	0.0	0.2	1.6	4.3	28.9	13.6	1.0	0.0	3.0	1.3	23.0	7.9	130.1
77798	78163	2093	2094	0.7	0.0	0.4	1.1	16.6	5.5	17.9	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.8	0.0	0.0	0.2	1.6	4.3	29.0	13.6	1.0	0.0	3.0	1.3	23.1	7.9	130.5
78163	78528	2094	2095	0.8	0.0	0.4	1.1	16.7	5.5	17.9	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.8	0.0	0.0	0.2	1.6	4.3	29.1	13.7	1.0	0.0	3.1	1.3	23.1	8.0	130.8
78528	78893	2095	2096	0.8	0.0	0.4	1.1	16.7	5.5	18.0	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.8	0.0	0.0	0.2	1.6	4.3	29.1	13.7	1.0	0.0	3.1	1.3	23.2	8.0	131.2
78893	79259	2096	2097	0.8	0.0	0.4	1.1	16.7	5.5	18.0	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.8	0.0	0.0	0.2	1.6	4.3	29.2	13.7	1.0	0.0	3.1	1.3	23.3	8.0	131.5
79259	79624	2097	2098	0.8	0.0	0.4	1.1	16.8	5.5	18.0	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.4	0.8	0.0	0.0	0.2	1.6	4.3	29.3	13.8	1.0	0.0	3.1	1.3	23.3	8.0	131.8
79624	79989	2098	2099	0.8	0.0	0.4	1.1	16.8	5.5	18.1	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.4	0.8	0.0	0.0	0.2	1.6	4.3	29.3	13.8	1.0	0.0	3.1	1.4	23.4	8.1	132.1
79989	80354	2099	2100	0.8	0.0	0.4	1.1	16.9	5.5	18.1	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.5	0.8	0.0	0.0	0.2	1.6	4.3	29.4	13.8	1.0	0.0	3.1	1.4	23.4	8.1	132.4
80354	80719	2100	2101	0.8	0.0	0.4	1.1	16.9	5.5	18.1	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.5	0.8	0.0	0.0	0.2	1.6	4.3	29.4	13.8	1.0	0.0	3.1	1.4	23.5	8.1	132.7
80719	81084	2101	2102	0.8	0.0	0.4	1.1	16.9	5.6	18.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.5	0.8	0.0	0.0	0.2	1.6	4.4	29.5	13.9	1.0	0.0	3.1	1.4	23.5	8.1	133.0
81084	81449	2102	2103	0.8	0.0	0.4	1.1	17.0	5.6	18.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.5	0.8	0.0	0.0	0.2	1.6	4.4	29.6	13.9	1.0	0.0	3.1	1.4	23.6	8.1	133.3
81449	81814	2103	2104	0.8	0.0	0.4	1.1	17.0	5.6	18.3	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.5	0.8	0.0	0.0	0.2	1.6	4.4	29.6	13.9	1.0	0.0	3.1	1.4	23.6	8.2	133.5
81814	82180	2104	2105	0.8	0.0	0.4	1.1	17.0	5.6	18.3	1.3	0.4	0.1	0.0	0.0	0.0	0.0	0.1	0.4	0.5	0.8	0.0	0.0	0.2	1.6	4.4	29.7	13.9	1.0	0.0	3.1	1.4	23.7	8.2	133.8
82180	82545	2105	2106	0.8	0.0	0.4	1.1	17.1	5.6	18.3	1.3	0.4	0.1	0.0	0.0	0.0	0.0	0.1	0.4	0.5	0.8	0.0	0.0	0.2	1.6	4.4	29.7	14.0	1.0	0.0	3.1	1.4	23.7	8.2	134.0
82545	82910	2106	2107	0.8	0.0	0.4	1.1	17.1	5.6	18.3	1.3	0.4	0.1	0.0	0.0	0.0	0.0	0.1	0.4	0.5	0.8	0.0	0.0	0.2	1.6	4.4	29.8	14.0	1.0	0.0	3.1	1.4	23.7	8.2	134.3
82910	83275	2107	2108	0.8	0.0	0.4	1.1	17.1	5.6	18.4	1.3	0.4	0.1	0.0	0.0	0.0	0.0	0.1	0.4	0.5	0.8	0.0	0.0	0.2	1.6	4.4	29.8	14.0	1.0	0.0	3.1	1.4	23.8	8.2	134.5
83275	83641	2108	2109	0.8	0.0	0.4	1.1	17.2	5.6	18.4	1.3	0.4	0.1	0.0	0.0	0.0	0.0	0.1	0.4	0.5	0.8	0.0	0.0	0.2	1.6	4.4	29.9	14.0	1.0	0.0	3.1	1.4	23.8	8.3	134.7
83641	84006	2109	2110	0.8	0.0	0.4	1.1	17.2	5.6	18.4	1.3	0.4	0.1	0.0	0.0	0.0	0.0	0.1	0.4	0.5	0.8	0.0	0.0	0.2	1.7	4.4	29.9	14.0	1.0	0.0	3.1	1.4	23.9	8.3	134.9
84006	84371	2110	2111	0.8	0.0	0.4	1.1	17.2	5.6	18.5	1.3	0.4	0.1	0.0	0.0	0.0	0.0	0.1	0.4	0.5	0.8	0.0	0.0	0.2	1.7	4.4	30.0	14.1	1.0	0.0	3.1	1.4	23.9	8.3	135.2
84371	84736	2111	2112	0.8	0.0	0.4	1.2	17.2	5.7	18.5	1.3	0.4	0.1	0.0	0.0	0.0	0.0	0.1	0.4	0.5	0.8	0.0	0.0	0.2	1.7	4.4	30.0	14.1	1.0	0.0	3.1	1.4	23.9	8.3	135.4
84736	85102	2112	2113	0.8	0.0	0.4	1.2	17.3	5.7	18.5	1.4	0.4	0.1	0.0	0.0	0.0	0.0	0.1	0.4	0.5	0.8	0.0	0.0	0.2	1.7	4.4	30.0	14.1	1.0	0.0	3.1	1.4	24.0	8.3	135.6
85102	85467	2113	2114	0.8	0.0	0.4	1.2	17.3	5.7	18.5	1.4	0.4	0.1	0.0	0.0	0.0	0.0	0.1	0.4	0.5	0.8	0.0	0.0	0.2	1.7	4.5	30.1	14.1	1.0	0.0	3.2	1.4	24.0	8.3	135.8

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S5 model)

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
0	1	1880	1880	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6381
1	1827	1880	1885	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6381
1827	3653	1885	1890	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6381
3653	5479	1890	1895	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
5479	7305	1895	1900	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
7305	9131	1900	1905	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
9131	10957	1905	1910	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
10957	12783	1910	1915	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
12783	14609	1915	1920	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
14609	16436	1920	1925	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
16436	18262	1925	1930	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
18262	20088	1930	1935	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
20088	21914	1935	1940	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
21914	23741	1940	1945	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
23741	25567	1945	1950	2722	1318	1230	588	149	62	133	89	96	85	66	17	4	95	13	0	0	72	6738
25567	27393	1950	1955	2722	1318	1230	590	153	62	135	89	96	86	67	17	4	98	13	0	0	74	6756
27393	29219	1955	1960	2722	1318	1230	591	154	62	136	89	96	86	67	17	4	99	14	0	0	75	6761
29219	31046	1960	1965	2722	1318	1230	588	152	62	132	89	96	85	66	17	4	98	14	0	0	74	6747
31046	32872	1965	1970	2722	1318	1230	588	152	62	132	89	96	85	66	17	4	98	14	0	0	74	6748
32872	34698	1970	1975	2722	1318	1230	588	153	62	133	89	96	85	66	17	4	99	14	0	0	74	6749
34698	36524	1975	1980	2722	1318	1230	586	151	62	129	88	95	84	65	17	4	98	14	0	0	73	6734
36524	37255	1980	1982	2722	1318	1230	586	151	62	129	89	95	84	65	17	4	98	14	0	0	73	6735
37255	37985	1982	1984	2722	1318	1230	586	151	62	129	89	95	84	66	17	4	98	14	0	0	73	6736
37985	38351	1984	1985	2722	1318	1230	584	150	62	128	88	95	84	65	17	4	98	14	0	0	73	6732
38351	38716	1985	1986	2722	1318	1230	584	150	62	127	88	95	84	65	17	4	98	14	0	0	73	6731
38716	39446	1986	1988	2722	1318	1230	584	150	62	127	88	95	84	65	17	4	99	15	0	0	73	6734
39446	39812	1988	1989	2722	1318	1230	584	150	62	127	88	95	84	66	17	4	100	15	0	0	73	6736
39812	40177	1989	1990	2722	1318	1230	584	150	62	128	88	95	84	66	17	4	101	15	0	0	74	6739
40177	40542	1990	1991	2722	1318	1230	585	157	63	144	91	98	91	75	18	5	126	27	0	0	96	6847
40542	40907	1991	1992	2722	1318	1230	588	166	64	158	93	101	98	82	19	6	143	30	0	0	108	6927
40907	41273	1992	1993	2722	1318	1230	590	171	64	165	94	102	100	86	19	6	151	32	0	0	114	6967
41273	41638	1993	1994	2722	1319	1230	591	175	65	168	95	103	102	87	20	7	156	34	0	0	118	6990
41638	42003	1994	1995	2722	1319	1230	592	176	65	168	95	103	102	87	20	7	157	34	0	0	117	6992
42003	42368	1995	1996	2722	1319	1230	592	176	65	168	95	103	102	89	20	7	172	42	0	0	127	7029
42368	42734	1996	1997	2722	1319	1230	593	177	65	171	96	104	104	92	20	8	185	47	0	0	134	7066
42734	43099	1997	1998	2722	1319	1230	593	179	65	174	96	105	106	94	21	8	192	49	0	0	139	7091
43099	43464	1998	1999	2722	1319	1230	594	180	65	176	97	105	107	95	21	8	197	51	0	0	142	7108
43464	43829	1999	2000	2722	1319	1230	594	180	66	177	97	105	107	96	21	8	201	52	0	0	144	7120
43829	44195	2000	2001	2722	1319	1230	593	180	65	174	96	105	106	95	21	8	198	50	0	0	141	7104
44195	44560	2001	2002	2722	1319	1230	590	178	65	167	95	104	104	92	21	8	192	48	0	0	136	7070
44560	44925	2002	2003	2722	1319	1230	588	175	65	160	94	102	101	88	20	7	184	45	0	0	129	7029
44925	45290	2003	2004	2722	1319	1230	585	172	64	151	93	101	97	85	20	7	175	42	0	0	121	6984
45290	45656	2004	2005	2722	1319	1230	581	168	63	143	92	100	95	81	20	7	169	41	0	0	116	6946
45656	46021	2005	2006	2722	1319	1230	579	165	63	139	91	99	93	81	20	7	182	47	0	0	122	6960
46021	46386	2006	2007	2722	1319	1230	576	162	63	135	91	98	92	80	20	7	182	47	0	0	121	6945
46386	46751	2007	2008	2722	1319	1230	573	159	62	129	90	98	90	78	19	7	178	46	0	0	117	6918
46751	47117	2008	2009	2722	1319	1230	570	156	62	123	89	97	88	75	19	6	172	44	0	0	112	6885
47117	47482	2009	2010	2722	1319	1230	567	153	61	117	88	96	86	72	19	6	163	41	0	0	106	6845
47482	47847	2010	2011	2722	1319	1230	564	149	61	111	87	95	84	70	18	6	157	39	0	0	102	6814
47847	48212	2011	2012	2722	1319	1230	560	146	61	107	87	94	82	69	18	6	158	40	0	0	101	6800
48212	48578	2012	2013	2722	1319	1230	557	144	60	103	86	93	81	68	18	6	157	40	0	0	100	6786
48578	48943	2013	2014	2722	1319	1230	554	142	60	99	86	93	80	67	18	5	156	40	0	0	99	6771

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
0	1	1880	1880	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
1	1827	1880	1885	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
1827	3653	1885	1890	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
3653	5479	1890	1895	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
5479	7305	1895	1900	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
7305	9131	1900	1905	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
9131	10957	1905	1910	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
10957	12783	1910	1915	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
12783	14609	1915	1920	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
14609	16436	1920	1925	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
16436	18262	1925	1930	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
18262	20088	1930	1935	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
20088	21914	1935	1940	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
21914	23741	1940	1945	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
23741	25567	1945	1950	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.0	1.8	1.4	0.4	0.1	2.0	0.3	0.0	0.0	2.0	24.8
25567	27393	1950	1955	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	25.0
27393	29219	1955	1960	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	25.1
29219	31046	1960	1965	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
31046	32872	1965	1970	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
32872	34698	1970	1975	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
34698	36524	1975	1980	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
36524	37255	1980	1982	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
37255	37985	1982	1984	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
37985	38351	1984	1985	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
38351	38716	1985	1986	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
38716	39446	1986	1988	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
39446	39812	1988	1989	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.8
39812	40177	1989	1990	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.2	0.3	0.0	0.0	2.1	24.8
40177	40542	1990	1991	3.7	1.8	1.7	0.8	0.6	1.4	3.2	1.9	2.1	2.0	1.6	0.4	0.1	2.7	0.6	0.0	0.0	2.7	27.2
40542	40907	1991	1992	3.7	1.8	1.7	0.8	0.6	1.4	3.5	2.0	2.2	2.1	1.8	0.4	0.1	3.0	0.6	0.0	0.0	3.0	28.7
40907	41273	1992	1993	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.1	1.8	0.4	0.1	3.2	0.7	0.0	0.0	3.2	29.5
41273	41638	1993	1994	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.1	3.3	0.7	0.0	0.0	3.3	29.9
41638	42003	1994	1995	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.1	3.4	0.7	0.0	0.0	3.3	30.0
42003	42368	1995	1996	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.2	3.7	0.9	0.0	0.0	3.5	30.8
42368	42734	1996	1997	3.7	1.8	1.7	0.8	0.7	1.4	3.8	2.0	2.2	2.2	2.0	0.4	0.2	3.9	1.0	0.0	0.0	3.8	31.6
42734	43099	1997	1998	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.1	1.1	0.0	0.0	3.9	32.1
43099	43464	1998	1999	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.2	1.1	0.0	0.0	4.0	32.5
43464	43829	1999	2000	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.3	1.1	0.0	0.0	4.0	32.7
43829	44195	2000	2001	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.2	1.1	0.0	0.0	3.9	32.4
44195	44560	2001	2002	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	2.0	0.4	0.2	4.1	1.0	0.0	0.0	3.8	31.7
44560	44925	2002	2003	3.7	1.8	1.7	0.8	0.7	1.4	3.6	2.0	2.2	2.2	1.9	0.4	0.2	3.9	1.0	0.0	0.0	3.6	30.9
44925	45290	2003	2004	3.7	1.8	1.7	0.8	0.7	1.4	3.4	2.0	2.2	2.1	1.8	0.4	0.1	3.7	0.9	0.0	0.0	3.4	30.0
45290	45656	2004	2005	3.7	1.8	1.7	0.8	0.6	1.4	3.2	2.0	2.1	2.0	1.7	0.4	0.1	3.6	0.9	0.0	0.0	3.2	29.3
45656	46021	2005	2006	3.7	1.8	1.7	0.8	0.6	1.4	3.1	2.0	2.1	2.0	1.7	0.4	0.1	3.9	1.0	0.0	0.0	3.4	29.7
46021	46386	2006	2007	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	2.0	1.7	0.4	0.1	3.9	1.0	0.0	0.0	3.4	29.5
46386	46751	2007	2008	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.1	1.9	1.7	0.4	0.1	3.8	1.0	0.0	0.0	3.3	29.0
46751	47117	2008	2009	3.7	1.8	1.7	0.8	0.6	1.4	2.7	1.9	2.1	1.9	1.6	0.4	0.1	3.7	0.9	0.0	0.0	3.1	28.4
47117	47482	2009	2010	3.7	1.8	1.7	0.8	0.6	1.4	2.6	1.9	2.0	1.8	1.5	0.4	0.1	3.5	0.9	0.0	0.0	3.0	27.6
47482	47847	2010	2011	3.7	1.8	1.7	0.8	0.6	1.4	2.5	1.9	2.0	1.8	1.5	0.4	0.1	3.4	0.8	0.0	0.0	2.8	27.0
47847	48212	2011	2012	3.7	1.8	1.7	0.8	0.6	1.3	2.4	1.9	2.0	1.8	1.5	0.4	0.1	3.4	0.9	0.0	0.0	2.8	26.8
48212	48578	2012	2013	3.7	1.8	1.7	0.8	0.6	1.3	2.3	1.8	2.0	1.7	1.4	0.4	0.1	3.4	0.9	0.0	0.0	2.8	26.6
48578	48943	2013	2014	3.7	1.8	1.7	0.7	0.5	1.3	2.2	1.8	2.0	1.7	1.4	0.4	0.1	3.3	0.9	0.0	0.0	2.8	26.4

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S5 model)

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
48943	49308	2014	2015	2722	1319	1230	552	140	60	97	85	92	80	66	18	5	155	40	0	0	98	6760
49308	49673	2015	2016	2722	1319	1230	551	139	60	95	85	92	79	65	18	5	155	41	0	0	98	6755
49673	50039	2016	2017	2722	1319	1230	549	138	60	93	85	92	79	65	18	5	159	44	0	0	99	6756
50039	50404	2017	2018	2722	1319	1230	549	137	60	93	85	92	79	66	18	6	163	46	0	0	101	6765
50404	50769	2018	2019	2722	1319	1230	549	137	60	93	85	92	79	66	18	6	168	48	0	0	104	6775
50769	51134	2019	2020	2722	1319	1230	549	137	60	93	85	92	79	67	18	6	172	50	0	0	106	6786
51134	51500	2020	2021	2722	1319	1230	549	138	60	94	85	92	80	67	18	6	175	52	0	0	108	6796
51500	51865	2021	2022	2722	1319	1230	550	138	60	95	85	93	80	68	19	6	181	54	0	0	111	6812
51865	52230	2022	2023	2722	1319	1230	550	139	60	95	86	93	81	69	19	6	187	57	0	0	115	6827
52230	52595	2023	2024	2722	1319	1230	551	140	60	96	86	93	81	70	19	7	192	59	0	0	117	6842
52595	52961	2024	2025	2723	1319	1230	551	141	60	97	86	93	82	71	19	7	200	62	0	0	122	6864
52961	53326	2025	2026	2723	1319	1230	552	142	60	99	86	94	83	73	19	7	208	66	0	0	127	6888
53326	53691	2026	2027	2723	1319	1230	553	144	61	100	87	94	84	74	20	7	216	70	0	0	132	6914
53691	54056	2027	2028	2723	1319	1230	554	145	61	102	87	95	85	75	20	8	225	75	0	0	136	6940
54056	54422	2028	2029	2723	1319	1230	555	147	61	103	87	95	86	77	20	8	233	79	0	0	141	6964
54422	54787	2029	2030	2723	1319	1230	557	149	61	105	88	96	87	78	21	8	240	82	0	0	145	6988
54787	55152	2030	2031	2723	1319	1231	559	153	61	107	88	96	87	79	21	8	246	85	0	0	148	7012
55152	55517	2031	2032	2723	1319	1231	561	156	62	109	88	96	88	81	21	9	252	88	0	0	152	7036
55517	55883	2032	2033	2723	1319	1231	563	158	62	111	89	97	89	82	21	9	259	91	0	0	156	7058
55883	56248	2033	2034	2723	1319	1231	564	160	62	112	89	97	90	83	22	9	265	93	0	0	159	7079
56248	56613	2034	2035	2723	1320	1231	565	162	62	114	90	98	91	84	22	9	271	96	0	0	163	7099
56613	56978	2035	2036	2723	1320	1231	566	163	62	116	90	98	92	86	22	10	282	100	0	0	169	7131
56978	57344	2036	2037	2723	1320	1231	567	167	63	128	91	99	94	89	23	10	292	104	0	0	176	7177
57344	57709	2037	2038	2724	1320	1231	568	169	64	131	92	100	96	90	23	11	299	107	0	0	180	7204
57709	58074	2038	2039	2724	1320	1231	570	171	64	133	92	100	97	92	23	11	306	110	0	0	184	7227
58074	58439	2039	2040	2724	1320	1231	571	173	64	135	93	101	98	93	24	11	313	112	0	0	188	7249
58439	58805	2040	2041	2724	1320	1231	582	220	69	185	96	104	102	97	24	12	322	115	0	0	197	7400
58805	59170	2041	2042	2724	1320	1231	586	226	70	197	98	106	107	103	25	12	336	119	0	0	208	7470
59170	59535	2042	2043	2724	1320	1231	588	228	70	203	99	108	111	108	26	13	349	123	0	0	217	7518
59535	59900	2043	2044	2724	1320	1231	590	230	71	206	100	109	113	111	26	13	359	126	0	0	223	7553
59900	60266	2044	2045	2724	1320	1231	591	231	71	208	101	109	115	113	26	14	368	130	0	0	229	7582
60266	60631	2045	2046	2724	1320	1231	592	232	71	210	101	110	116	115	27	14	376	133	0	0	234	7607
60631	60996	2046	2047	2724	1321	1232	593	232	71	211	102	111	117	116	27	14	384	136	0	0	238	7629
60996	61361	2047	2048	2725	1321	1232	594	233	71	212	102	111	118	118	27	15	390	139	0	0	242	7649
61361	61727	2048	2049	2725	1321	1232	595	234	71	214	102	112	119	119	28	15	397	141	0	0	245	7668
61727	62092	2049	2050	2725	1321	1232	596	234	72	215	103	112	120	120	28	15	403	144	0	0	249	7686
62092	62457	2050	2051	2725	1321	1232	602	237	72	216	103	112	121	122	28	15	411	147	0	0	254	7718
62457	62822	2051	2052	2725	1321	1232	608	240	72	219	104	113	123	125	29	16	425	152	0	0	263	7766
62822	63188	2052	2053	2725	1321	1232	612	243	72	222	105	114	125	128	29	17	440	158	0	0	272	7816
63188	63553	2053	2054	2725	1321	1233	615	245	73	225	106	115	128	132	30	17	454	163	0	0	281	7862
63553	63918	2054	2055	2725	1321	1233	618	247	73	227	106	116	130	135	30	18	467	168	0	0	288	7903
63918	64283	2055	2056	2725	1321	1233	620	248	73	229	107	117	132	137	31	18	479	173	0	0	295	7939
64283	64649	2056	2057	2725	1321	1233	622	249	73	231	108	118	134	140	31	19	489	177	0	0	302	7971
64649	65014	2057	2058	2726	1321	1233	623	250	74	233	108	119	135	142	31	19	498	181	0	0	307	8000
65014	65379	2058	2059	2726	1322	1233	624	251	74	234	109	119	137	144	32	20	507	184	0	0	312	8026
65379	65744	2059	2060	2726	1322	1233	625	251	74	235	109	120	138	146	32	20	515	188	0	0	317	8049
65744	66110	2060	2061	2726	1322	1234	626	252	74	236	109	120	139	147	32	20	522	191	0	0	321	8072
66110	66475	2061	2062	2726	1322	1234	627	253	74	237	110	121	140	149	33	21	529	194	0	0	325	8092
66475	66840	2062	2063	2726	1322	1234	628	253	74	238	110	121	141	150	33	21	535	197	0	0	329	8111
66840	67205	2063	2064	2726	1322	1234	628	254	74	239	110	122	142	151	33	21	541	199	0	0	333	8130
67205	67571	2064	2065	2726	1322	1234	629	254	75	239	111	122	143	153	33	22	547	202	0	0	336	8147

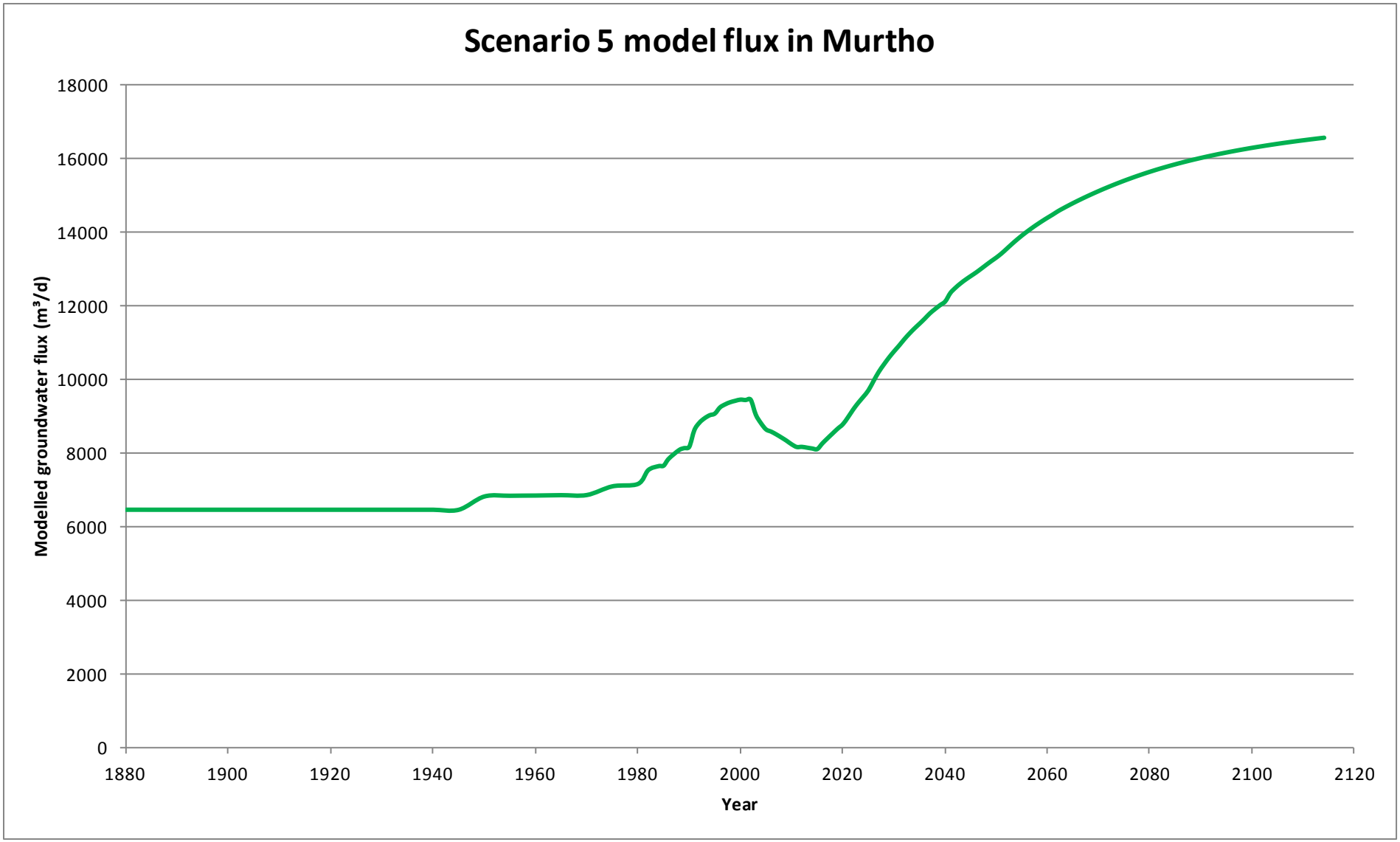
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
48943	49308	2014	2015	3.7	1.8	1.7	0.7	0.5	1.3	2.2	1.8	2.0	1.7	1.4	0.4	0.1	3.3	0.9	0.0	0.0	2.7	26.2
49308	49673	2015	2016	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.3	0.9	0.0	0.0	2.7	26.1
49673	50039	2016	2017	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.4	0.9	0.0	0.0	2.8	26.2
50039	50404	2017	2018	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.5	1.0	0.0	0.0	2.8	26.4
50404	50769	2018	2019	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.6	1.0	0.0	0.0	2.9	26.7
50769	51134	2019	2020	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.7	1.1	0.0	0.0	3.0	26.9
51134	51500	2020	2021	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	3.7	1.1	0.0	0.0	3.0	27.1
51500	51865	2021	2022	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.5	0.4	0.1	3.9	1.2	0.0	0.0	3.1	27.5
51865	52230	2022	2023	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.5	0.4	0.1	4.0	1.2	0.0	0.0	3.2	27.8
52230	52595	2023	2024	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.5	0.4	0.1	4.1	1.3	0.0	0.0	3.3	28.1
52595	52961	2024	2025	3.7	1.8	1.7	0.7	0.5	1.3	2.2	1.8	2.0	1.8	1.5	0.4	0.1	4.3	1.3	0.0	0.0	3.4	28.6
52961	53326	2025	2026	3.7	1.8	1.7	0.7	0.5	1.3	2.2	1.8	2.0	1.8	1.6	0.4	0.2	4.4	1.4	0.0	0.0	3.5	29.1
53326	53691	2026	2027	3.7	1.8	1.7	0.7	0.6	1.3	2.2	1.9	2.0	1.8	1.6	0.4	0.2	4.6	1.5	0.0	0.0	3.7	29.6
53691	54056	2027	2028	3.7	1.8	1.7	0.7	0.6	1.4	2.3	1.9	2.0	1.8	1.6	0.4	0.2	4.8	1.6	0.0	0.0	3.8	30.2
54056	54422	2028	2029	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.6	0.4	0.2	5.0	1.7	0.0	0.0	3.9	30.7
54422	54787	2029	2030	3.7	1.8	1.7	0.8	0.6	1.4	2.3	1.9	2.0	1.8	1.7	0.4	0.2	5.1	1.8	0.0	0.0	4.0	31.1
54787	55152	2030	2031	3.7	1.8	1.7	0.8	0.6	1.4	2.4	1.9	2.0	1.9	1.7	0.4	0.2	5.3	1.8	0.0	0.0	4.1	31.6
55152	55517	2031	2032	3.7	1.8	1.7	0.8	0.6	1.4	2.4	1.9	2.1	1.9	1.7	0.5	0.2	5.4	1.9	0.0	0.0	4.2	32.0
55517	55883	2032	2033	3.7	1.8	1.7	0.8	0.6	1.4	2.5	1.9	2.1	1.9	1.7	0.5	0.2	5.5	1.9	0.0	0.0	4.3	32.4
55883	56248	2033	2034	3.7	1.8	1.7	0.8	0.6	1.4	2.5	1.9	2.1	1.9	1.8	0.5	0.2	5.7	2.0	0.0	0.0	4.4	32.8
56248	56613	2034	2035	3.7	1.8	1.7	0.8	0.6	1.4	2.5	1.9	2.1	1.9	1.8	0.5	0.2	5.8	2.1	0.0	0.0	4.5	33.2
56613	56978	2035	2036	3.7	1.8	1.7	0.8	0.6	1.4	2.6	1.9	2.1	2.0	1.8	0.5	0.2	6.0	2.1	0.0	0.0	4.7	33.9
56978	57344	2036	2037	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.1	2.0	1.9	0.5	0.2	6.2	2.2	0.0	0.0	4.9	34.8
57344	57709	2037	2038	3.7	1.8	1.7	0.8	0.6	1.4	2.9	2.0	2.1	2.0	1.9	0.5	0.2	6.4	2.3	0.0	0.0	5.0	35.4
57709	58074	2038	2039	3.7	1.8	1.7	0.8	0.7	1.4	3.0	2.0	2.1	2.1	2.0	0.5	0.2	6.5	2.3	0.0	0.0	5.1	35.8
58074	58439	2039	2040	3.7	1.8	1.7	0.8	0.7	1.4	3.0	2.0	2.2	2.1	2.0	0.5	0.2	6.7	2.4	0.0	0.0	5.3	36.3
58439	58805	2040	2041	3.7	1.8	1.7	0.8	0.8	1.5	4.1	2.1	2.2	2.2	2.1	0.5	0.2	6.9	2.5	0.0	0.0	5.5	38.6
58805	59170	2041	2042	3.7	1.8	1.7	0.8	0.9	1.6	4.4	2.1	2.3	2.3	2.2	0.5	0.3	7.2	2.5	0.0	0.0	5.8	39.9
59170	59535	2042	2043	3.7	1.8	1.7	0.8	0.9	1.6	4.5	2.1	2.3	2.4	2.3	0.5	0.3	7.5	2.6	0.0	0.0	6.1	40.9
59535	59900	2043	2044	3.7	1.8	1.7	0.8	0.9	1.6	4.6	2.1	2.3	2.4	2.4	0.6	0.3	7.7	2.7	0.0	0.0	6.2	41.7
59900	60266	2044	2045	3.7	1.8	1.7	0.8	0.9	1.6	4.6	2.2	2.3	2.5	2.4	0.6	0.3	7.9	2.8	0.0	0.0	6.4	42.3
60266	60631	2045	2046	3.7	1.8	1.7	0.8	0.9	1.6	4.7	2.2	2.4	2.5	2.5	0.6	0.3	8.0	2.8	0.0	0.0	6.5	42.8
60631	60996	2046	2047	3.7	1.8	1.7	0.8	0.9	1.6	4.7	2.2	2.4	2.5	2.5	0.6	0.3	8.2	2.9	0.0	0.0	6.6	43.3
60996	61361	2047	2048	3.7	1.8	1.7	0.8	0.9	1.6	4.7	2.2	2.4	2.5	2.5	0.6	0.3	8.3	3.0	0.0	0.0	6.8	43.7
61361	61727	2048	2049	3.7	1.8	1.7	0.8	0.9	1.6	4.7	2.2	2.4	2.5	2.5	0.6	0.3	8.5	3.0	0.0	0.0	6.9	44.1
61727	62092	2049	2050	3.7	1.8	1.7	0.8	0.9	1.6	4.8	2.2	2.4	2.6	2.6	0.6	0.3	8.6	3.1	0.0	0.0	7.0	44.5
62092	62457	2050	2051	3.7	1.8	1.7	0.8	0.9	1.6	4.8	2.2	2.4	2.6	2.6	0.6	0.3	8.8	3.1	0.0	0.0	7.1	45.0
62457	62822	2051	2052	3.7	1.8	1.7	0.8	0.9	1.6	4.9	2.2	2.4	2.6	2.7	0.6	0.3	9.1	3.3	0.0	0.0	7.3	45.9
62822	63188	2052	2053	3.7	1.8	1.7	0.8	0.9	1.6	4.9	2.2	2.4	2.7	2.7	0.6	0.4	9.4	3.4	0.0	0.0	7.6	46.9
63188	63553	2053	2054	3.7	1.8	1.7	0.8	0.9	1.6	5.0	2.3	2.5	2.7	2.8	0.6	0.4	9.7	3.5	0.0	0.0	7.8	47.8
63553	63918	2054	2055	3.7	1.8	1.7	0.8	0.9	1.6	5.1	2.3	2.5	2.8	2.9	0.6	0.4	10.0	3.6	0.0	0.0	8.1	48.7
63918	64283	2055	2056	3.7	1.8	1.7	0.8	1.0	1.6	5.1	2.3	2.5	2.8	2.9	0.7	0.4	10.2	3.7	0.0	0.0	8.3	49.4
64283	64649	2056	2057	3.7	1.8	1.7	0.8	1.0	1.6	5.1	2.3	2.5	2.9	3.0	0.7	0.4	10.4	3.8	0.0	0.0	8.4	50.1
64649	65014	2057	2058	3.7	1.8	1.7	0.8	1.0	1.6	5.2	2.3	2.5	2.9	3.0	0.7	0.4	10.6	3.9	0.0	0.0	8.6	50.7
65014	65379	2058	2059	3.7	1.8	1.7	0.8	1.0	1.6	5.2	2.3	2.5	2.9	3.1	0.7	0.4	10.8	3.9	0.0	0.0	8.7	51.2
65379	65744	2059	2060	3.7	1.8	1.7	0.8	1.0	1.6	5.2	2.3	2.6	2.9	3.1	0.7	0.4	11.0	4.0	0.0	0.0	8.9	51.7
65744	66110	2060	2061	3.7	1.8	1.7	0.8	1.0	1.6	5.2	2.3	2.6	3.0	3.1	0.7	0.4	11.1	4.1	0.0	0.0	9.0	52.2
66110	66475	2061	2062	3.7	1.8	1.7	0.8	1.0	1.6	5.3	2.3	2.6	3.0	3.2	0.7	0.4	11.3	4.1	0.0	0.0	9.1	52.6
66475	66840	2062	2063	3.7	1.8	1.7	0.8	1.0	1.7	5.3	2.3	2.6	3.0	3.2	0.7	0.4	11.4	4.2	0.0	0.0	9.2	53.0
66840	67205	2063	2064	3.7	1.8	1.7	0.8	1.0	1.7	5.3	2.4	2.6	3.0	3.2	0.7	0.5	11.6	4.3	0.0	0.0	9.3	53.4
67205	67571	2064	2065	3.7	1.8	1.7	0.9	1.0	1.7	5.3	2.4	2.6	3.0	3.3	0.7	0.5	11.7	4.3	0.0	0.0	9.4	53.8

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S5 model)

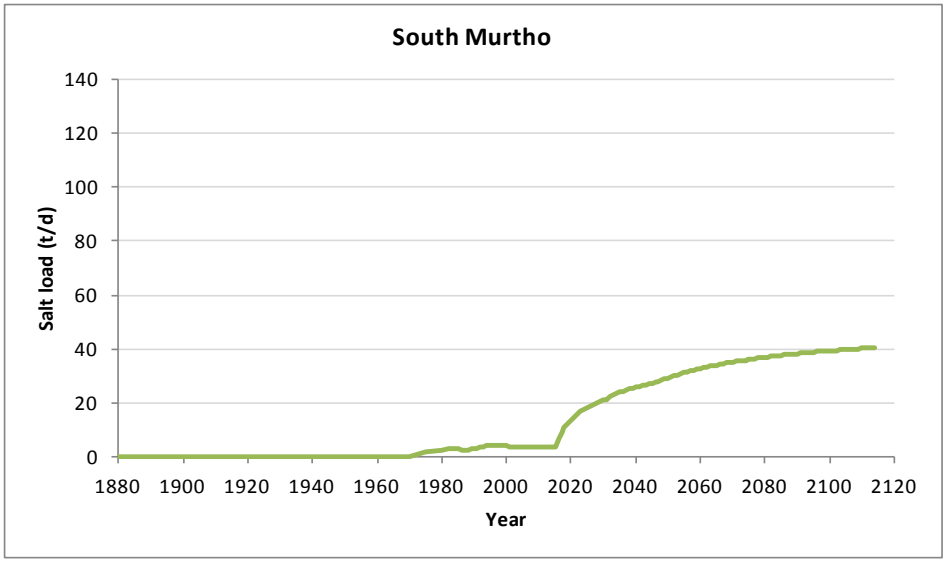
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
67571	67936	2065	2066	2726	1322	1234	630	254	75	240	111	123	143	154	34	22	553	205	0	0	340	8164
67936	68301	2066	2067	2726	1322	1234	630	255	75	241	111	123	144	155	34	22	558	207	0	0	343	8181
68301	68666	2067	2068	2727	1322	1234	631	255	75	242	111	123	145	156	34	22	564	210	0	0	346	8196
68666	69032	2068	2069	2727	1322	1234	631	256	75	242	112	124	146	157	34	23	569	212	0	0	349	8212
69032	69397	2069	2070	2727	1322	1234	632	256	75	243	112	124	146	158	34	23	574	214	0	0	352	8227
69397	69762	2070	2071	2727	1322	1234	632	256	75	244	112	124	147	159	35	23	579	216	0	0	355	8241
69762	70127	2071	2072	2727	1322	1234	633	257	75	244	112	125	148	160	35	23	583	219	0	0	358	8255
70127	70493	2072	2073	2727	1323	1234	633	257	75	245	113	125	148	161	35	23	588	221	0	0	360	8269
70493	70858	2073	2074	2727	1323	1234	634	257	75	245	113	125	149	162	35	24	592	223	0	0	363	8282
70858	71223	2074	2075	2727	1323	1234	634	258	76	246	113	126	150	163	35	24	597	225	0	0	365	8295
71223	71588	2075	2076	2727	1323	1234	634	258	76	246	113	126	150	164	36	24	601	227	0	0	368	8307
71588	71954	2076	2077	2727	1323	1234	635	258	76	247	114	126	151	165	36	24	605	229	0	0	370	8319
71954	72319	2077	2078	2727	1323	1234	635	259	76	247	114	126	152	166	36	24	609	230	0	0	372	8331
72319	72684	2078	2079	2727	1323	1234	636	259	76	248	114	127	152	166	36	25	613	232	0	0	375	8342
72684	73049	2079	2080	2727	1323	1235	636	259	76	248	114	127	153	167	36	25	616	234	0	0	377	8353
73049	73415	2080	2081	2727	1323	1235	636	260	76	249	114	127	153	168	36	25	620	235	0	0	379	8364
73415	73780	2081	2082	2727	1323	1235	637	260	76	249	115	127	154	169	37	25	623	237	0	0	381	8374
73780	74145	2082	2083	2728	1323	1235	637	260	76	250	115	128	154	169	37	25	626	238	0	0	383	8383
74145	74510	2083	2084	2728	1323	1235	637	260	76	250	115	128	155	170	37	25	629	240	0	0	384	8393
74510	74876	2084	2085	2728	1323	1235	638	261	76	251	115	128	155	171	37	26	632	241	0	0	386	8402
74876	75241	2085	2086	2728	1323	1235	638	261	76	251	115	128	155	171	37	26	635	243	0	0	388	8410
75241	75606	2086	2087	2728	1323	1235	638	261	76	251	115	128	156	172	37	26	638	244	0	0	390	8419
75606	75971	2087	2088	2728	1323	1235	639	261	76	252	115	129	156	172	37	26	641	245	0	0	391	8427
75971	76337	2088	2089	2728	1323	1235	639	262	77	252	116	129	157	173	38	26	643	246	0	0	393	8435
76337	76702	2089	2090	2728	1323	1235	639	262	77	252	116	129	157	173	38	26	646	248	0	0	394	8443
76702	77067	2090	2091	2728	1323	1235	640	262	77	253	116	129	157	174	38	26	648	249	0	0	396	8450
77067	77432	2091	2092	2728	1323	1235	640	262	77	253	116	129	158	175	38	27	651	250	0	0	397	8457
77432	77798	2092	2093	2728	1323	1235	640	262	77	253	116	129	158	175	38	27	653	251	0	0	398	8465
77798	78163	2093	2094	2728	1323	1235	641	263	77	254	116	130	158	176	38	27	655	252	0	0	400	8471
78163	78528	2094	2095	2728	1323	1235	641	263	77	254	116	130	159	176	38	27	657	253	0	0	401	8478
78528	78893	2095	2096	2728	1324	1235	641	263	77	254	117	130	159	176	38	27	659	254	0	0	402	8484
78893	79259	2096	2097	2728	1324	1235	641	263	77	255	117	130	159	177	38	27	661	255	0	0	403	8491
79259	79624	2097	2098	2728	1324	1235	642	263	77	255	117	130	160	177	38	27	663	256	0	0	404	8496
79624	79989	2098	2099	2728	1324	1235	642	264	77	255	117	130	160	178	39	27	665	257	0	0	406	8502
79989	80354	2099	2100	2728	1324	1235	642	264	77	255	117	131	160	178	39	27	667	257	0	0	407	8508
80354	80719	2100	2101	2728	1324	1235	642	264	77	256	117	131	161	179	39	27	669	258	0	0	408	8513
80719	81084	2101	2102	2728	1324	1235	642	264	77	256	117	131	161	179	39	27	670	259	0	0	409	8519
81084	81449	2102	2103	2728	1324	1235	643	264	77	256	117	131	161	179	39	28	672	260	0	0	410	8524
81449	81814	2103	2104	2728	1324	1235	643	264	77	256	117	131	161	180	39	28	674	261	0	0	411	8529
81814	82180	2104	2105	2728	1324	1235	643	265	77	257	117	131	162	180	39	28	675	261	0	0	412	8534
82180	82545	2105	2106	2728	1324	1235	643	265	77	257	118	131	162	180	39	28	677	262	0	0	413	8539
82545	82910	2106	2107	2728	1324	1235	644	265	77	257	118	131	162	181	39	28	678	263	0	0	414	8544
82910	83275	2107	2108	2729	1324	1235	644	265	77	257	118	131	162	181	39	28	680	264	0	0	414	8548
83275	83641	2108	2109	2729	1324	1235	644	265	77	257	118	132	162	181	39	28	681	264	0	0	415	8553
83641	84006	2109	2110	2729	1324	1235	644	265	77	258	118	132	163	182	39	28	683	265	0	0	416	8557
84006	84371	2110	2111	2729	1324	1235	644	265	77	258	118	132	163	182	39	28	684	266	0	0	417	8561
84371	84736	2111	2112	2729	1324	1235	644	265	78	258	118	132	163	182	39	28	685	266	0	0	418	8565
84736	85102	2112	2113	2729	1324	1235	645	266	78	258	118	132	163	182	40	28	687	267	0	0	418	8569
85102	85467	2113	2114	2729	1324	1235	645	266	78	258	118	132	163	183	40	28	688	267	0	0	419	8573

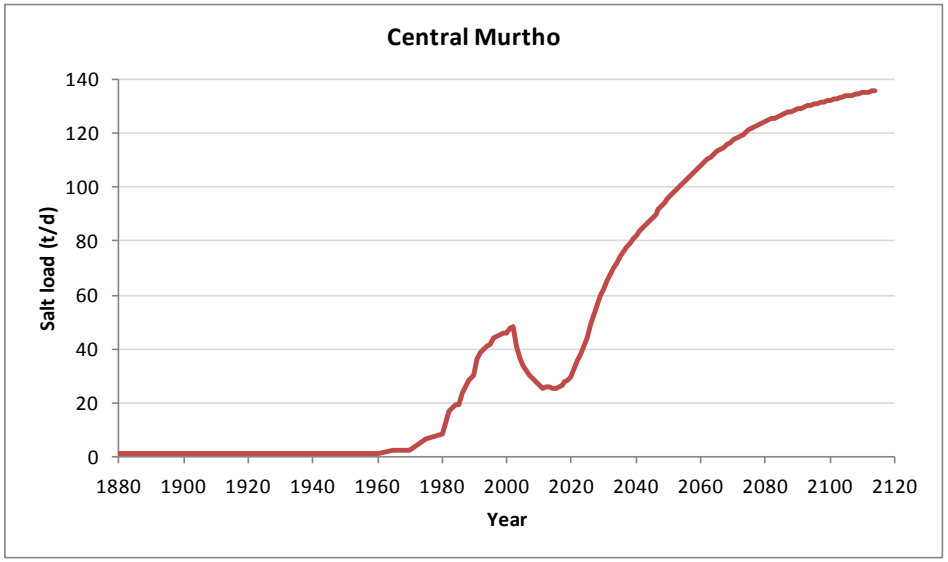
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
67571	67936	2065	2066	3.7	1.8	1.7	0.9	1.0	1.7	5.3	2.4	2.6	3.1	3.3	0.7	0.5	11.8	4.4	0.0	0.0	9.5	54.2
67936	68301	2066	2067	3.7	1.8	1.7	0.9	1.0	1.7	5.4	2.4	2.6	3.1	3.3	0.7	0.5	11.9	4.4	0.0	0.0	9.6	54.5
68301	68666	2067	2068	3.7	1.8	1.7	0.9	1.0	1.7	5.4	2.4	2.6	3.1	3.3	0.7	0.5	12.0	4.5	0.0	0.0	9.7	54.8
68666	69032	2068	2069	3.7	1.8	1.7	0.9	1.0	1.7	5.4	2.4	2.6	3.1	3.4	0.7	0.5	12.1	4.5	0.0	0.0	9.8	55.2
69032	69397	2069	2070	3.7	1.8	1.7	0.9	1.0	1.7	5.4	2.4	2.6	3.1	3.4	0.7	0.5	12.3	4.6	0.0	0.0	9.8	55.5
69397	69762	2070	2071	3.7	1.8	1.7	0.9	1.0	1.7	5.4	2.4	2.7	3.1	3.4	0.7	0.5	12.4	4.6	0.0	0.0	9.9	55.8
69762	70127	2071	2072	3.7	1.8	1.7	0.9	1.0	1.7	5.4	2.4	2.7	3.2	3.4	0.7	0.5	12.5	4.7	0.0	0.0	10.0	56.1
70127	70493	2072	2073	3.7	1.8	1.7	0.9	1.0	1.7	5.4	2.4	2.7	3.2	3.4	0.7	0.5	12.6	4.7	0.0	0.0	10.1	56.4
70493	70858	2073	2074	3.7	1.8	1.7	0.9	1.0	1.7	5.5	2.4	2.7	3.2	3.5	0.8	0.5	12.7	4.8	0.0	0.0	10.1	56.7
70858	71223	2074	2075	3.7	1.8	1.7	0.9	1.0	1.7	5.5	2.4	2.7	3.2	3.5	0.8	0.5	12.7	4.8	0.0	0.0	10.2	56.9
71223	71588	2075	2076	3.7	1.8	1.7	0.9	1.0	1.7	5.5	2.4	2.7	3.2	3.5	0.8	0.5	12.8	4.8	0.0	0.0	10.3	57.2
71588	71954	2076	2077	3.7	1.8	1.7	0.9	1.0	1.7	5.5	2.4	2.7	3.2	3.5	0.8	0.5	12.9	4.9	0.0	0.0	10.3	57.5
71954	72319	2077	2078	3.7	1.8	1.7	0.9	1.0	1.7	5.5	2.4	2.7	3.2	3.5	0.8	0.5	13.0	4.9	0.0	0.0	10.4	57.7
72319	72684	2078	2079	3.7	1.8	1.7	0.9	1.0	1.7	5.5	2.4	2.7	3.2	3.6	0.8	0.5	13.1	5.0	0.0	0.0	10.5	57.9
72684	73049	2079	2080	3.7	1.8	1.7	0.9	1.0	1.7	5.5	2.4	2.7	3.3	3.6	0.8	0.5	13.2	5.0	0.0	0.0	10.5	58.2
73049	73415	2080	2081	3.7	1.8	1.7	0.9	1.0	1.7	5.5	2.4	2.7	3.3	3.6	0.8	0.5	13.2	5.0	0.0	0.0	10.6	58.4
73415	73780	2081	2082	3.7	1.8	1.7	0.9	1.0	1.7	5.5	2.4	2.7	3.3	3.6	0.8	0.5	13.3	5.1	0.0	0.0	10.6	58.6
73780	74145	2082	2083	3.7	1.8	1.7	0.9	1.0	1.7	5.6	2.4	2.7	3.3	3.6	0.8	0.5	13.4	5.1	0.0	0.0	10.7	58.8
74145	74510	2083	2084	3.7	1.8	1.7	0.9	1.0	1.7	5.6	2.5	2.7	3.3	3.6	0.8	0.5	13.4	5.1	0.0	0.0	10.7	59.0
74510	74876	2084	2085	3.7	1.8	1.7	0.9	1.0	1.7	5.6	2.5	2.7	3.3	3.6	0.8	0.5	13.5	5.2	0.0	0.0	10.8	59.2
74876	75241	2085	2086	3.7	1.8	1.7	0.9	1.0	1.7	5.6	2.5	2.7	3.3	3.7	0.8	0.5	13.6	5.2	0.0	0.0	10.8	59.4
75241	75606	2086	2087	3.7	1.8	1.7	0.9	1.0	1.7	5.6	2.5	2.7	3.3	3.7	0.8	0.6	13.6	5.2	0.0	0.0	10.9	59.6
75606	75971	2087	2088	3.7	1.8	1.7	0.9	1.0	1.7	5.6	2.5	2.7	3.3	3.7	0.8	0.6	13.7	5.2	0.0	0.0	10.9	59.7
75971	76337	2088	2089	3.7	1.8	1.7	0.9	1.0	1.7	5.6	2.5	2.8	3.3	3.7	0.8	0.6	13.7	5.3	0.0	0.0	11.0	59.9
76337	76702	2089	2090	3.7	1.8	1.7	0.9	1.0	1.7	5.6	2.5	2.8	3.4	3.7	0.8	0.6	13.8	5.3	0.0	0.0	11.0	60.1
76702	77067	2090	2091	3.7	1.8	1.7	0.9	1.0	1.7	5.6	2.5	2.8	3.4	3.7	0.8	0.6	13.8	5.3	0.0	0.0	11.1	60.2
77067	77432	2091	2092	3.7	1.8	1.7	0.9	1.0	1.7	5.6	2.5	2.8	3.4	3.7	0.8	0.6	13.9	5.3	0.0	0.0	11.1	60.4
77432	77798	2092	2093	3.7	1.8	1.7	0.9	1.0	1.7	5.6	2.5	2.8	3.4	3.7	0.8	0.6	13.9	5.4	0.0	0.0	11.1	60.5
77798	78163	2093	2094	3.7	1.8	1.7	0.9	1.0	1.7	5.6	2.5	2.8	3.4	3.7	0.8	0.6	14.0	5.4	0.0	0.0	11.2	60.7
78163	78528	2094	2095	3.7	1.8	1.7	0.9	1.0	1.7	5.7	2.5	2.8	3.4	3.8	0.8	0.6	14.0	5.4	0.0	0.0	11.2	60.8
78528	78893	2095	2096	3.7	1.8	1.7	0.9	1.0	1.7	5.7	2.5	2.8	3.4	3.8	0.8	0.6	14.1	5.4	0.0	0.0	11.2	60.9
78893	79259	2096	2097	3.7	1.8	1.7	0.9	1.0	1.7	5.7	2.5	2.8	3.4	3.8	0.8	0.6	14.1	5.4	0.0	0.0	11.3	61.1
79259	79624	2097	2098	3.7	1.8	1.7	0.9	1.0	1.7	5.7	2.5	2.8	3.4	3.8	0.8	0.6	14.2	5.5	0.0	0.0	11.3	61.2
79624	79989	2098	2099	3.7	1.8	1.7	0.9	1.0	1.7	5.7	2.5	2.8	3.4	3.8	0.8	0.6	14.2	5.5	0.0	0.0	11.3	61.3
79989	80354	2099	2100	3.7	1.8	1.7	0.9	1.0	1.7	5.7	2.5	2.8	3.4	3.8	0.8	0.6	14.2	5.5	0.0	0.0	11.4	61.5
80354	80719	2100	2101	3.7	1.8	1.7	0.9	1.0	1.7	5.7	2.5	2.8	3.4	3.8	0.8	0.6	14.3	5.5	0.0	0.0	11.4	61.6
80719	81084	2101	2102	3.7	1.8	1.7	0.9	1.0	1.7	5.7	2.5	2.8	3.4	3.8	0.8	0.6	14.3	5.5	0.0	0.0	11.4	61.7
81084	81449	2102	2103	3.7	1.8	1.7	0.9	1.0	1.7	5.7	2.5	2.8	3.4	3.8	0.8	0.6	14.4	5.6	0.0	0.0	11.4	61.8
81449	81814	2103	2104	3.7	1.8	1.7	0.9	1.0	1.7	5.7	2.5	2.8	3.4	3.8	0.8	0.6	14.4	5.6	0.0	0.0	11.5	61.9
81814	82180	2104	2105	3.7	1.8	1.7	0.9	1.0	1.7	5.7	2.5	2.8	3.5	3.8	0.8	0.6	14.4	5.6	0.0	0.0	11.5	62.0
82180	82545	2105	2106	3.7	1.8	1.7	0.9	1.0	1.7	5.7	2.5	2.8	3.5	3.9	0.8	0.6	14.5	5.6	0.0	0.0	11.5	62.1
82545	82910	2106	2107	3.7	1.8	1.7	0.9	1.0	1.7	5.7	2.5	2.8	3.5	3.9	0.8	0.6	14.5	5.6	0.0	0.0	11.6	62.2
82910	83275	2107	2108	3.7	1.8	1.7	0.9	1.0	1.7	5.7	2.5	2.8	3.5	3.9	0.8	0.6	14.5	5.6	0.0	0.0	11.6	62.3
83275	83641	2108	2109	3.7	1.8	1.7	0.9	1.0	1.7	5.7	2.5	2.8	3.5	3.9	0.8	0.6	14.6	5.6	0.0	0.0	11.6	62.4
83641	84006	2109	2110	3.7	1.8	1.7	0.9	1.0	1.7	5.7	2.5	2.8	3.5	3.9	0.8	0.6	14.6	5.7	0.0	0.0	11.6	62.5
84006	84371	2110	2111	3.7	1.8	1.7	0.9	1.0	1.7	5.7	2.5	2.8	3.5	3.9	0.8	0.6	14.6	5.7	0.0	0.0	11.6	62.6
84371	84736	2111	2112	3.7	1.8	1.7	0.9	1.0	1.7	5.7	2.5	2.8	3.5	3.9	0.8	0.6	14.6	5.7	0.0	0.0	11.7	62.7
84736	85102	2112	2113	3.7	1.8	1.7	0.9	1.0	1.7	5.7	2.5	2.8	3.5	3.9	0.8	0.6	14.7	5.7	0.0	0.0	11.7	62.7
85102	85467	2113	2114	3.7	1.8	1.7	0.9	1.0	1.7	5.7	2.5	2.8	3.5	3.9	0.8	0.6	14.7	5.7	0.0	0.0	11.7	62.8

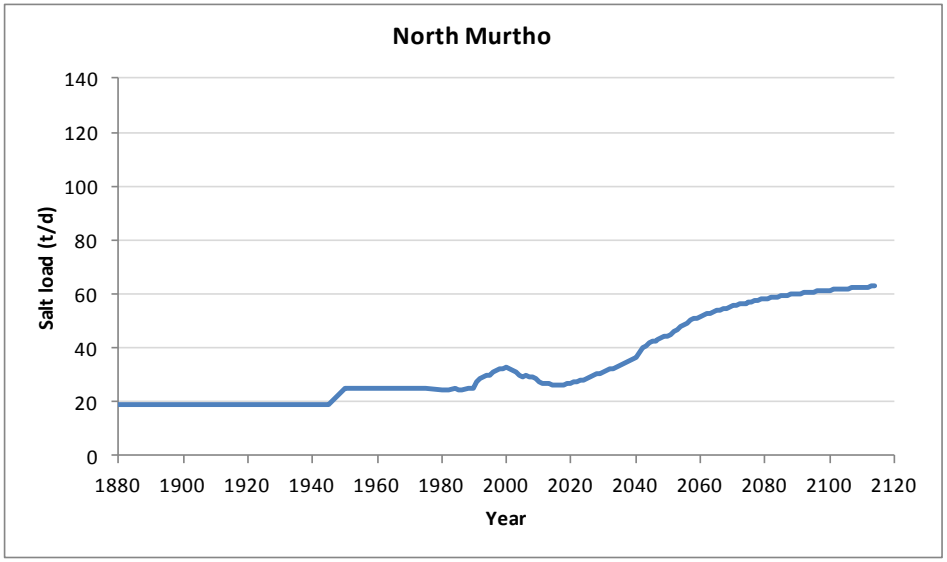
B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S5 model)



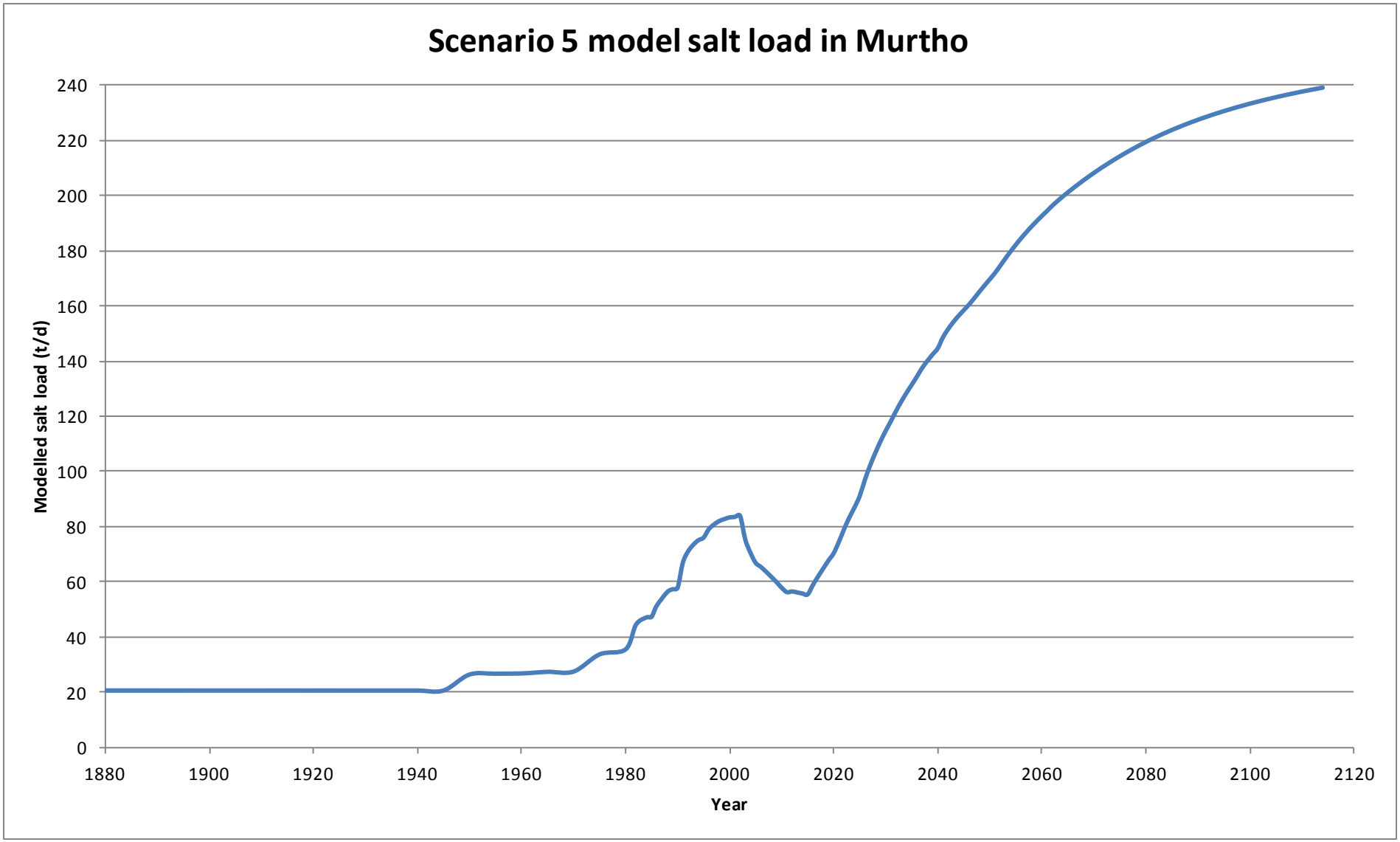
B-3. Graph of modelled groundwater flux (m³/d) entering the River Murray in Murtho (S5 model)







B-3. Graph of modelled salt load (t/d) entering the River Murray in Murtho (S5 model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Murtho (S5 model)

Scenario 7A

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m^3/d)																	
0	1	1880	1880	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
1	1827	1880	1885	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
1827	3653	1885	1890	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
3653	5479	1890	1895	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
5479	7305	1895	1900	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
7305	9131	1900	1905	27	16	14	5	4	0	1	6	19	2	12	13	30	31	12	0	0	192
9131	10957	1905	1910	27	16	14	6	4	1	2	10	24	2	13	15	32	33	13	0	0	212
10957	12783	1910	1915	27	16	14	7	4	1	3	12	25	2	14	15	33	33	13	0	0	218
12783	14609	1915	1920	27	16	15	7	5	1	3	12	25	2	14	15	33	33	13	0	0	221
14609	16436	1920	1925	27	16	15	7	5	1	4	13	25	2	14	15	33	33	13	0	0	223
16436	18262	1925	1930	27	16	15	7	5	1	4	13	25	2	14	15	33	33	13	0	0	224
18262	20088	1930	1935	27	16	15	8	5	1	4	13	25	2	14	15	33	33	13	0	0	224
20088	21914	1935	1940	30	43	244	157	20	8	13	14	26	2	14	15	33	33	13	0	16	682
21914	23741	1940	1945	31	50	263	173	24	10	18	15	26	2	14	15	34	33	13	0	20	741
23741	25567	1945	1950	32	54	281	271	63	47	109	46	28	2	15	16	34	33	13	0	23	1068
25567	27393	1950	1955	32	54	267	265	64	48	115	55	29	3	15	16	35	34	14	0	22	1068
27393	29219	1955	1960	115	75	269	267	70	59	229	245	86	3	20	26	46	33	13	0	61	1615
29219	31046	1960	1965	136	117	309	266	68	57	219	238	85	3	21	26	47	33	14	0	99	1737
31046	32872	1965	1970	144	126	316	259	65	53	190	195	71	3	19	23	41	30	12	0	106	1654
32872	34698	1970	1975	143	128	315	251	62	50	170	169	63	3	19	22	39	29	12	0	106	1580
34698	36524	1975	1980	146	130	317	259	65	52	195	248	72	3	19	23	38	26	11	0	107	1710
36524	37255	1980	1982	148	136	324	261	66	53	199	253	72	3	19	23	38	26	10	0	113	1744
37255	37985	1982	1984	153	148	337	262	66	54	200	251	72	3	19	23	37	24	10	0	123	1782
37985	38351	1984	1985	155	153	341	262	66	54	199	247	71	3	19	22	36	24	9	0	128	1790
38351	38716	1985	1986	158	157	346	263	67	54	198	245	70	3	19	22	36	23	9	0	131	1801
38716	39446	1986	1988	161	164	351	264	68	55	209	268	77	3	20	23	37	22	9	0	137	1868
39446	39812	1988	1989	163	168	352	265	69	56	217	285	81	3	20	24	37	22	9	0	140	1912
39812	40177	1989	1990	165	171	353	265	69	57	223	296	84	3	21	24	38	21	9	0	142	1943
40177	40542	1990	1991	172	173	352	266	70	58	229	331	94	3	21	25	38	20	8	0	147	2008
40542	40907	1991	1992	173	174	352	267	71	58	224	325	94	3	22	26	39	20	8	0	148	2004
40907	41273	1992	1993	173	176	353	267	71	58	219	315	91	3	22	26	38	20	8	0	149	1987
41273	41638	1993	1994	171	177	353	266	70	57	213	303	88	3	21	25	37	20	8	0	149	1965
41638	42003	1994	1995	170	177	351	265	70	57	208	293	86	3	21	25	37	20	8	0	148	1939
42003	42368	1995	1996	168	177	348	264	70	57	204	284	83	3	21	24	36	19	8	0	147	1915
42368	42734	1996	1997	167	177	345	262	70	56	199	273	81	3	21	24	36	19	8	0	146	1886
42734	43099	1997	1998	164	177	342	259	69	55	193	258	77	3	21	23	35	19	8	0	145	1849
43099	43464	1998	1999	160	176	338	257	69	55	185	243	73	3	20	23	34	19	8	0	143	1805
43464	43829	1999	2000	156	176	334	254	68	54	177	225	68	3	20	22	33	19	8	0	141	1756
43829	44195	2000	2001	150	175	329	250	67	52	167	200	60	3	19	21	31	18	7	0	137	1687
44195	44560	2001	2002	145	173	323	244	65	51	160	187	56	3	19	20	30	17	7	0	134	1635
44560	44925	2002	2003	142	171	317	239	64	49	154	183	55	3	18	19	28	16	7	0	132	1598
44925	45290	2003	2004	140	169	310	234	62	48	149	177	53	3	18	19	27	16	6	0	129	1559
45290	45656	2004	2005	137	167	303	229	61	47	145	171	51	3	18	18	26	15	6	0	126	1523
45656	46021	2005	2006	134	164	295	224	60	46	141	166	49	3	18	18	26	14	6	0	124	1487
46021	46386	2006	2007	132	161	288	219	59	45	138	162	48	3	17	18	24	13	5	0	121	1453
46386	46751	2007	2008	130	158	279	214	58	44	135	159	47	3	17	17	24	12	5	0	118	1421
46751	47117	2008	2009	128	156	271	209	57	43	133	157	46	3	17	17	23	11	4	0	115	1390
47117	47482	2009	2010	127	153	263	205	56	42	131	155	45	3	17	17	22	11	4	0	112	1363
47482	47847	2010	2011	125	149	254	200	56	42	130	154	45	3	17	17	22	11	4	0	110	1338
47847	48212	2011	2012	124	147	246	196	55	41	129	153	44	3	17	17	22	11	4	0	107	1316
48212	48578	2012	2013	105	143	238	192	55	41	128	152	44	3	17	16	22	11	4	0	97	1269
48578	48943	2013	2014	90	140	231	188	54	41	128	152	44	3	17	16	22	11	4	0	89	1228

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
0	1	1880	1880	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
1	1827	1880	1885	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
1827	3653	1885	1890	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
3653	5479	1890	1895	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
5479	7305	1895	1900	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
7305	9131	1900	1905	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.7
9131	10957	1905	1910	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.8
10957	12783	1910	1915	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
12783	14609	1915	1920	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
14609	16436	1920	1925	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
16436	18262	1925	1930	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
18262	20088	1930	1935	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
20088	21914	1935	1940	0.5	0.7	3.8	0.9	0.1	0.0	0.1	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	7.2
21914	23741	1940	1945	0.5	0.8	4.1	1.0	0.1	0.1	0.1	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	7.9
23741	25567	1945	1950	0.5	0.9	4.4	1.6	0.4	0.3	0.7	0.3	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	10.0
25567	27393	1950	1955	0.5	0.9	4.2	1.6	0.4	0.3	0.7	0.3	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	9.9
27393	29219	1955	1960	1.8	1.3	4.2	1.6	0.4	0.4	1.4	1.5	0.5	0.0	0.1	0.2	0.3	0.2	0.1	0.0	0.4	14.2
29219	31046	1960	1965	2.1	2.0	4.9	1.6	0.4	0.3	1.3	1.4	0.5	0.0	0.1	0.2	0.3	0.2	0.1	0.0	0.6	16.1
31046	32872	1965	1970	2.3	2.2	5.0	1.6	0.4	0.3	1.1	1.2	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	15.8
32872	34698	1970	1975	2.2	2.2	4.9	1.5	0.4	0.3	1.0	1.0	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	15.4
34698	36524	1975	1980	2.3	2.2	5.0	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	16.2
36524	37255	1980	1982	2.3	2.3	5.1	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	16.6
37255	37985	1982	1984	2.4	2.5	5.3	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.1
37985	38351	1984	1985	2.4	2.6	5.4	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.3
38351	38716	1985	1986	2.5	2.7	5.4	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.5
38716	39446	1986	1988	2.5	2.8	5.5	1.6	0.4	0.3	1.3	1.6	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.0
39446	39812	1988	1989	2.6	2.9	5.5	1.6	0.4	0.3	1.3	1.7	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.4
39812	40177	1989	1990	2.6	2.9	5.5	1.6	0.4	0.3	1.3	1.8	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.6
40177	40542	1990	1991	2.7	2.9	5.5	1.6	0.4	0.3	1.4	2.0	0.6	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.9	19.1
40542	40907	1991	1992	2.7	3.0	5.5	1.6	0.4	0.3	1.3	1.9	0.6	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.9	19.1
40907	41273	1992	1993	2.7	3.0	5.5	1.6	0.4	0.3	1.3	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.9	19.0
41273	41638	1993	1994	2.7	3.0	5.5	1.6	0.4	0.3	1.3	1.8	0.5	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.9	18.9
41638	42003	1994	1995	2.7	3.0	5.5	1.6	0.4	0.3	1.2	1.8	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.7
42003	42368	1995	1996	2.6	3.0	5.5	1.6	0.4	0.3	1.2	1.7	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.5
42368	42734	1996	1997	2.6	3.0	5.4	1.6	0.4	0.3	1.2	1.6	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.3
42734	43099	1997	1998	2.6	3.0	5.4	1.6	0.4	0.3	1.2	1.6	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.0
43099	43464	1998	1999	2.5	3.0	5.3	1.5	0.4	0.3	1.1	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	17.7
43464	43829	1999	2000	2.4	3.0	5.2	1.5	0.4	0.3	1.1	1.3	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	17.3
43829	44195	2000	2001	2.4	3.0	5.2	1.5	0.4	0.3	1.0	1.2	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	16.7
44195	44560	2001	2002	2.3	2.9	5.1	1.5	0.4	0.3	1.0	1.1	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	16.3
44560	44925	2002	2003	2.2	2.9	5.0	1.4	0.4	0.3	0.9	1.1	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	16.0
44925	45290	2003	2004	2.2	2.9	4.9	1.4	0.4	0.3	0.9	1.1	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	15.6
45290	45656	2004	2005	2.1	2.8	4.8	1.4	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	15.3
45656	46021	2005	2006	2.1	2.8	4.6	1.3	0.4	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	14.9
46021	46386	2006	2007	2.1	2.7	4.5	1.3	0.4	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.6
46386	46751	2007	2008	2.0	2.7	4.4	1.3	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.3
46751	47117	2008	2009	2.0	2.6	4.3	1.3	0.3	0.3	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.0
47117	47482	2009	2010	2.0	2.6	4.1	1.2	0.3	0.3	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.7
47482	47847	2010	2011	2.0	2.5	4.0	1.2	0.3	0.3	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.4
47847	48212	2011	2012	1.9	2.5	3.9	1.2	0.3	0.2	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.1
48212	48578	2012	2013	1.6	2.4	3.7	1.2	0.3	0.2	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.6
48578	48943	2013	2014	1.4	2.4	3.6	1.1	0.3	0.2	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.0

B-3. Modelled groundwater flux (m^3/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S7A model)

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
48943	49308	2014	2015	83	137	226	185	54	40	127	151	44	3	17	16	21	11	4	0	85	1206
49308	49673	2015	2016	80	135	223	183	54	40	127	151	44	3	17	16	21	11	4	0	83	1191
49673	50039	2016	2017	89	143	251	195	55	42	139	161	45	3	17	17	22	11	4	0	94	1287
50039	50404	2017	2018	91	145	253	196	56	43	141	163	46	3	17	17	22	11	4	0	95	1302
50404	50769	2018	2019	91	145	253	196	56	43	141	163	46	3	17	17	22	11	4	0	95	1303
50769	51134	2019	2020	91	145	253	196	56	43	141	163	46	3	17	17	22	11	4	0	95	1301
51134	51500	2020	2021	91	144	252	196	56	43	141	163	46	3	17	17	22	11	4	0	95	1300
51500	51865	2021	2022	92	145	253	196	56	43	141	163	46	3	17	17	22	11	4	0	96	1304
51865	52230	2022	2023	94	147	254	196	56	43	141	163	46	3	17	17	22	11	4	0	98	1311
52230	52595	2023	2024	96	148	255	197	56	43	141	163	46	3	17	17	22	11	4	0	99	1317
52595	52961	2024	2025	97	150	256	197	56	43	141	163	46	3	17	17	22	11	4	0	101	1324
52961	53326	2025	2026	98	151	258	197	56	43	141	163	46	3	17	17	22	11	4	0	102	1330
53326	53691	2026	2027	100	153	259	198	56	43	141	163	46	3	17	17	22	11	4	0	103	1336
53691	54056	2027	2028	101	154	261	198	56	43	141	164	46	3	17	17	22	11	4	0	104	1342
54056	54422	2028	2029	102	156	262	199	56	43	141	164	46	3	17	17	23	11	4	0	106	1348
54422	54787	2029	2030	102	157	263	199	56	43	141	164	46	3	17	17	23	11	4	0	107	1354
54787	55152	2030	2031	103	158	264	200	56	43	142	164	46	3	17	17	23	11	4	0	108	1359
55152	55517	2031	2032	104	159	266	200	56	43	142	164	46	3	17	17	23	11	4	0	109	1364
55517	55883	2032	2033	105	160	267	201	57	43	142	164	46	3	17	17	23	11	4	0	110	1368
55883	56248	2033	2034	105	161	268	201	57	43	142	164	46	3	17	17	23	11	4	0	110	1372
56248	56613	2034	2035	106	162	269	201	57	44	142	164	46	3	17	17	23	11	4	0	111	1377
56613	56978	2035	2036	106	163	270	202	57	44	142	164	46	3	17	17	23	11	4	0	112	1380
56978	57344	2036	2037	107	164	270	202	57	44	142	164	46	3	17	17	23	11	4	0	113	1384
57344	57709	2037	2038	108	165	271	202	57	44	142	164	46	3	17	17	23	11	4	0	113	1387
57709	58074	2038	2039	108	165	272	203	57	44	142	164	46	3	17	17	23	11	4	0	114	1390
58074	58439	2039	2040	108	166	273	203	57	44	142	164	46	3	17	17	23	11	4	0	114	1393
58439	58805	2040	2041	109	167	273	203	57	44	142	164	46	3	17	17	23	11	4	0	115	1396
58805	59170	2041	2042	109	167	274	203	57	44	143	164	46	3	17	17	23	11	4	0	115	1398
59170	59535	2042	2043	110	168	274	204	57	44	143	164	46	3	17	17	23	11	4	0	116	1400
59535	59900	2043	2044	110	168	275	204	57	44	143	165	46	3	17	17	23	11	4	0	116	1402
59900	60266	2044	2045	110	169	275	204	57	44	143	165	46	3	17	17	23	11	4	0	116	1404
60266	60631	2045	2046	110	169	276	204	57	44	143	165	46	3	17	17	23	11	4	0	117	1406
60631	60996	2046	2047	111	169	276	204	57	44	143	165	46	3	17	17	23	11	4	0	117	1408
60996	61361	2047	2048	111	170	276	204	57	44	143	165	46	3	17	17	23	11	4	0	117	1409
61361	61727	2048	2049	111	170	277	205	58	44	143	165	46	3	17	17	23	11	4	0	117	1411
61727	62092	2049	2050	111	170	277	205	58	44	143	165	46	3	17	17	23	11	4	0	118	1412
62092	62457	2050	2051	111	171	277	205	58	44	143	165	46	3	17	17	23	11	4	0	118	1413
62457	62822	2051	2052	112	171	277	205	58	44	143	165	46	3	17	17	23	11	4	0	118	1414
62822	63188	2052	2053	112	171	278	205	58	44	143	165	46	3	17	17	23	11	4	0	118	1415
63188	63553	2053	2054	112	171	278	205	58	44	143	165	46	3	17	17	23	11	4	0	118	1416
63553	63918	2054	2055	112	172	278	205	58	44	143	165	46	3	17	17	23	11	4	0	119	1417
63918	64283	2055	2056	112	172	278	205	58	44	143	165	46	3	17	17	23	11	4	0	119	1418
64283	64649	2056	2057	112	172	278	205	58	44	143	165	46	3	17	17	23	11	4	0	119	1419
64649	65014	2057	2058	112	172	279	205	58	44	143	165	46	3	17	17	23	11	4	0	119	1419
65014	65379	2058	2059	112	172	279	205	58	44	143	165	46	3	17	17	23	11	4	0	119	1420
65379	65744	2059	2060	113	172	279	205	58	44	143	165	46	3	17	17	23	11	4	0	119	1421
65744	66110	2060	2061	113	172	279	206	58	44	143	165	46	3	17	17	23	11	4	0	119	1421
66110	66475	2061	2062	113	173	279	206	58	44	143	165	46	3	17	17	23	11	4	0	119	1422
66475	66840	2062	2063	113	173	279	206	58	44	143	165	46	3	17	17	23	11	4	0	120	1422
66840	67205	2063	2064	113	173	279	206	58	44	143	165	46	3	17	17	23	11	4	0	120	1423
67205	67571	2064	2065	113	173	279	206	58	44	143	165	46	3	17	17	23	11	4	0	120	1423

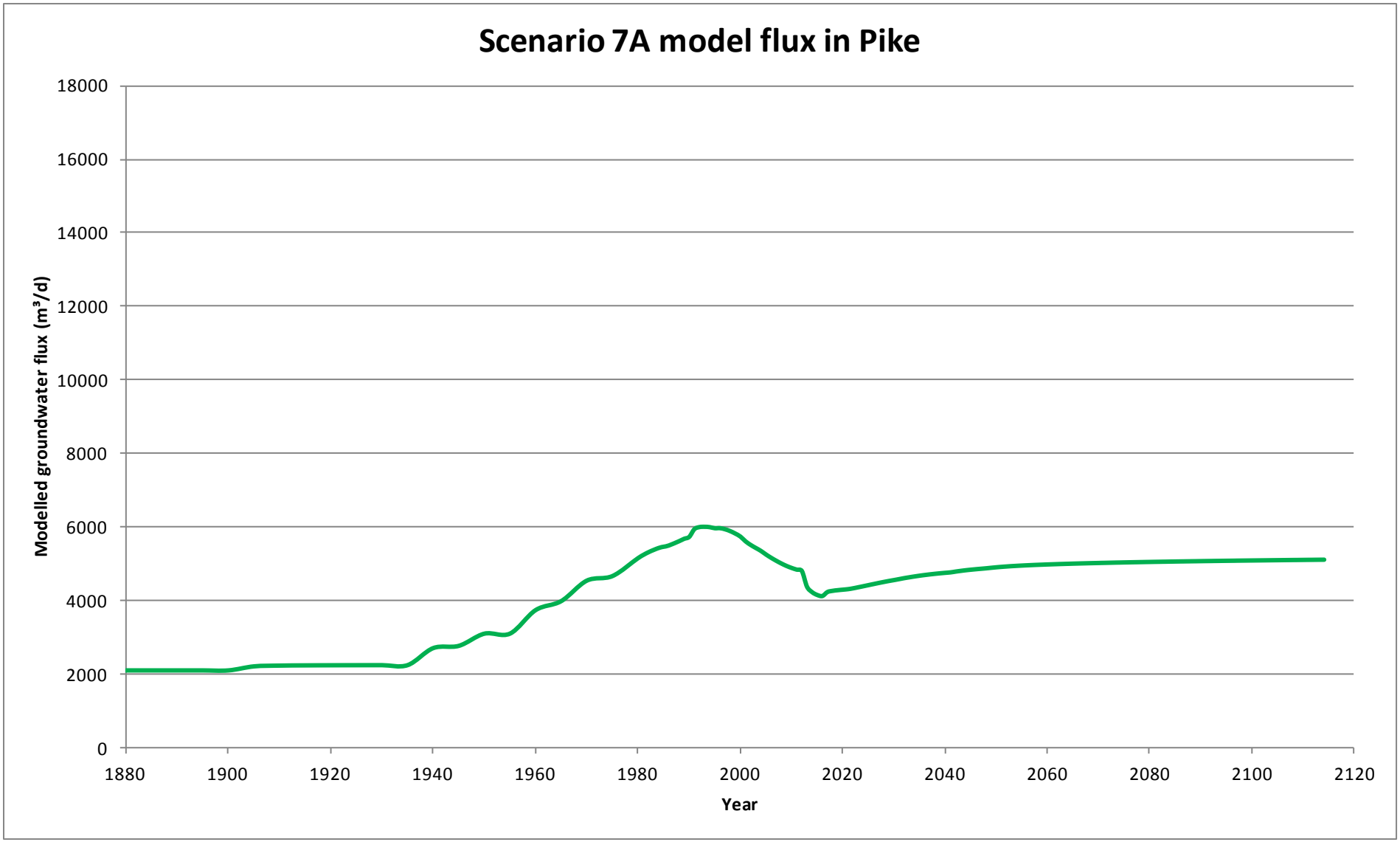
				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
48943	49308	2014	2015	1.3	2.3	3.6	1.1	0.3	0.2	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	11.8
49308	49673	2015	2016	1.3	2.3	3.5	1.1	0.3	0.2	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	11.6
49673	50039	2016	2017	1.4	2.4	3.9	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.6
50039	50404	2017	2018	1.4	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.8
50404	50769	2018	2019	1.4	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.8
50769	51134	2019	2020	1.4	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.8
51134	51500	2020	2021	1.4	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.7
51500	51865	2021	2022	1.4	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.8
51865	52230	2022	2023	1.5	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.9
52230	52595	2023	2024	1.5	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	13.0
52595	52961	2024	2025	1.5	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	13.0
52961	53326	2025	2026	1.5	2.6	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	13.1
53326	53691	2026	2027	1.6	2.6	4.1	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	13.2
53691	54056	2027	2028	1.6	2.6	4.1	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.3
54056	54422	2028	2029	1.6	2.6	4.1	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.4
54422	54787	2029	2030	1.6	2.7	4.1	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.4
54787	55152	2030	2031	1.6	2.7	4.2	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.5
55152	55517	2031	2032	1.6	2.7	4.2	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.6
55517	55883	2032	2033	1.6	2.7	4.2	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.6
55883	56248	2033	2034	1.7	2.7	4.2	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.7
56248	56613	2034	2035	1.7	2.8	4.2	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.7
56613	56978	2035	2036	1.7	2.8	4.2	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.8
56978	57344	2036	2037	1.7	2.8	4.2	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.8
57344	57709	2037	2038	1.7	2.8	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.8
57709	58074	2038	2039	1.7	2.8	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.9
58074	58439	2039	2040	1.7	2.8	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.9
58439	58805	2040	2041	1.7	2.8	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.9
58805	59170	2041	2042	1.7	2.8	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.0
59170	59535	2042	2043	1.7	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.0
59535	59900	2043	2044	1.7	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.0
59900	60266	2044	2045	1.7	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.1
60266	60631	2045	2046	1.7	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.1
60631	60996	2046	2047	1.7	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.1
60996	61361	2047	2048	1.7	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.1
61361	61727	2048	2049	1.7	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.1
61727	62092	2049	2050	1.7	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.1
62092	62457	2050	2051	1.7	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.2
62457	62822	2051	2052	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.2
62822	63188	2052	2053	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.2
63188	63553	2053	2054	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.2
63553	63918	2054	2055	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.2
63918	64283	2055	2056	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.2
64283	64649	2056	2057	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.2
64649	65014	2057	2058	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.2
65014	65379	2058	2059	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.2
65379	65744	2059	2060	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
65744	66110	2060	2061	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
66110	66475	2061	2062	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
66475	66840	2062	2063	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
66840	67205	2063	2064	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
67205	67571	2064	2065	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S7A model)

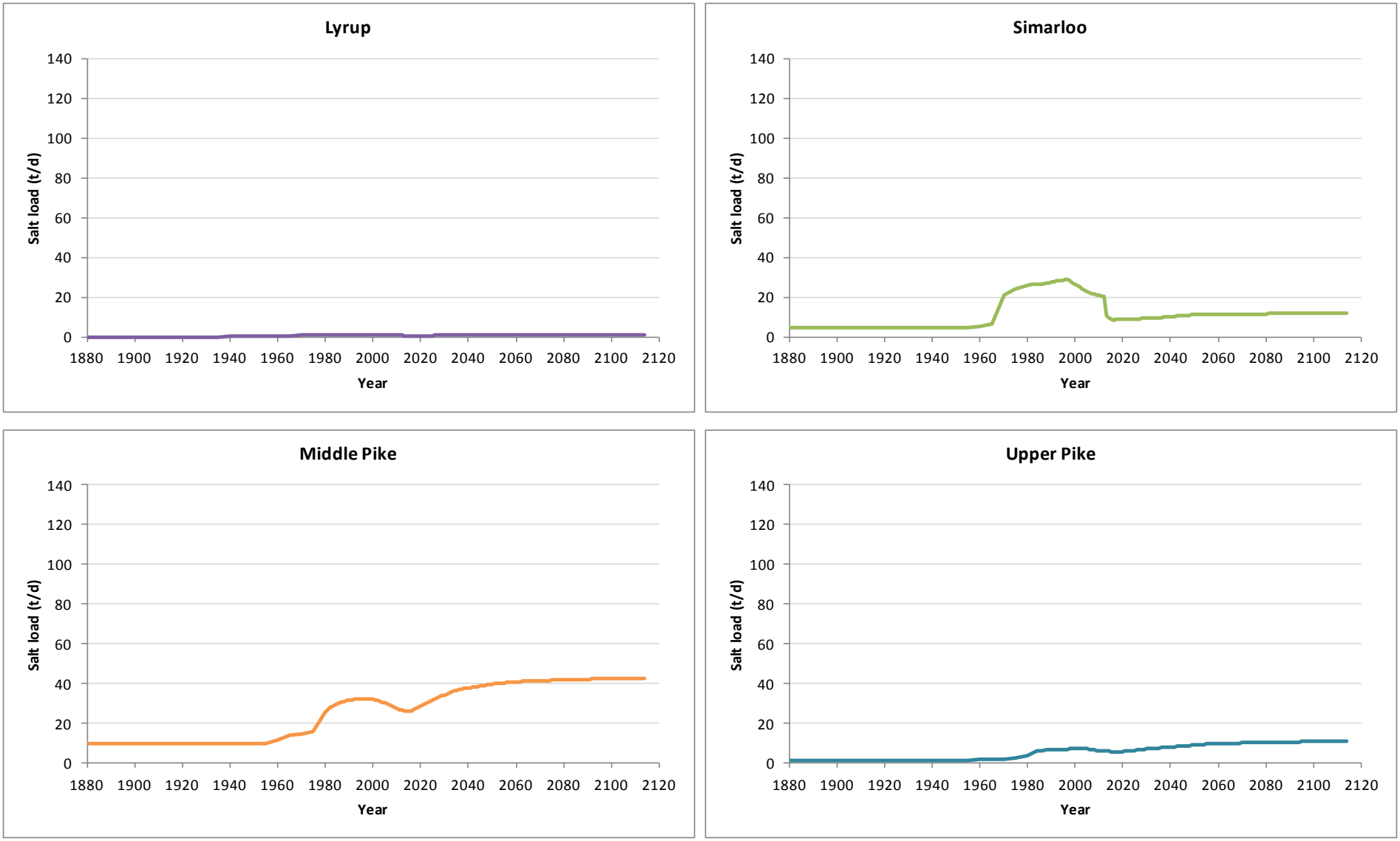
				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
67571	67936	2065	2066	113	173	280	206	58	44	143	165	46	3	17	17	23	11	4	0	120	1424
67936	68301	2066	2067	113	173	280	206	58	44	143	165	46	3	17	17	23	11	4	0	120	1424
68301	68666	2067	2068	113	173	280	206	58	44	143	165	46	3	17	17	23	11	4	0	120	1424
68666	69032	2068	2069	113	173	280	206	58	44	143	165	46	3	17	17	23	11	4	0	120	1425
69032	69397	2069	2070	113	173	280	206	58	44	143	165	46	3	17	17	23	11	4	0	120	1425
69397	69762	2070	2071	113	173	280	206	58	44	143	165	46	3	17	17	23	11	4	0	120	1425
69762	70127	2071	2072	113	173	280	206	58	44	143	165	46	3	17	17	23	11	4	0	120	1426
70127	70493	2072	2073	113	174	280	206	58	44	143	165	46	3	17	17	23	11	4	0	120	1426
70493	70858	2073	2074	113	174	280	206	58	44	143	165	47	3	17	17	23	11	4	0	120	1426
70858	71223	2074	2075	113	174	280	206	58	44	143	165	47	3	17	17	23	11	4	0	120	1426
71223	71588	2075	2076	113	174	280	206	58	44	143	165	47	3	17	17	23	11	4	0	120	1427
71588	71954	2076	2077	113	174	280	206	58	44	143	165	47	3	17	17	23	11	4	0	120	1427
71954	72319	2077	2078	113	174	280	206	58	44	143	165	47	3	17	17	23	11	4	0	120	1427
72319	72684	2078	2079	114	174	280	206	58	44	143	165	47	3	17	17	23	11	4	0	120	1427
72684	73049	2079	2080	114	174	280	206	58	44	143	165	47	3	17	17	23	11	4	0	120	1427
73049	73415	2080	2081	114	174	280	206	58	44	143	165	47	3	17	17	23	11	4	0	120	1428
73415	73780	2081	2082	114	174	280	206	58	44	143	165	47	3	17	17	23	11	4	0	120	1428
73780	74145	2082	2083	114	174	281	206	58	44	143	165	47	3	17	17	23	11	4	0	120	1428
74145	74510	2083	2084	114	174	281	206	58	44	143	165	47	3	17	17	23	11	4	0	120	1428
74510	74876	2084	2085	114	174	281	206	58	44	143	165	47	3	17	17	23	11	4	0	121	1428
74876	75241	2085	2086	114	174	281	206	58	44	143	165	47	3	17	17	23	11	4	0	121	1428
75241	75606	2086	2087	114	174	281	206	58	44	143	165	47	3	17	17	23	11	4	0	121	1429
75606	75971	2087	2088	114	174	281	206	58	44	143	165	47	3	17	17	23	11	4	0	121	1429
75971	76337	2088	2089	114	174	281	206	58	44	143	165	47	3	17	17	23	11	4	0	121	1429
76337	76702	2089	2090	114	174	281	206	58	44	143	165	47	3	17	17	23	11	4	0	121	1429
76702	77067	2090	2091	114	174	281	206	58	44	143	165	47	3	17	17	23	11	4	0	121	1429
77067	77432	2091	2092	114	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1429
77432	77798	2092	2093	114	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1429
77798	78163	2093	2094	114	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1429
78163	78528	2094	2095	114	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1429
78528	78893	2095	2096	114	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1430
78893	79259	2096	2097	114	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1430
79259	79624	2097	2098	114	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1430
79624	79989	2098	2099	114	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1430
79989	80354	2099	2100	114	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1430
80354	80719	2100	2101	114	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1430
80719	81084	2101	2102	114	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1430
81084	81449	2102	2103	114	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1430
81449	81814	2103	2104	114	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1430
81814	82180	2104	2105	114	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1430
82180	82545	2105	2106	114	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1430
82545	82910	2106	2107	114	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1430
82910	83275	2107	2108	114	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1430
83275	83641	2108	2109	114	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1430
83641	84006	2109	2110	114	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1431
84006	84371	2110	2111	114	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1431
84371	84736	2111	2112	114	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1431
84736	85102	2112	2113	114	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1431
85102	85467	2113	2114	114	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1431

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
67571	67936	2065	2066	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
67936	68301	2066	2067	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
68301	68666	2067	2068	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
68666	69032	2068	2069	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
69032	69397	2069	2070	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
69397	69762	2070	2071	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
69762	70127	2071	2072	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
70127	70493	2072	2073	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
70493	70858	2073	2074	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
70858	71223	2074	2075	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
71223	71588	2075	2076	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
71588	71954	2076	2077	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
71954	72319	2077	2078	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
72319	72684	2078	2079	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
72684	73049	2079	2080	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
73049	73415	2080	2081	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
73415	73780	2081	2082	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
73780	74145	2082	2083	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
74145	74510	2083	2084	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
74510	74876	2084	2085	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
74876	75241	2085	2086	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
75241	75606	2086	2087	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
75606	75971	2087	2088	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
75971	76337	2088	2089	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
76337	76702	2089	2090	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
76702	77067	2090	2091	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
77067	77432	2091	2092	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
77432	77798	2092	2093	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
77798	78163	2093	2094	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
78163	78528	2094	2095	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
78528	78893	2095	2096	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
78893	79259	2096	2097	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
79259	79624	2097	2098	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
79624	79989	2098	2099	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
79989	80354	2099	2100	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
80354	80719	2100	2101	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
80719	81084	2101	2102	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
81084	81449	2102	2103	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
81449	81814	2103	2104	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
81814	82180	2104	2105	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
82180	82545	2105	2106	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
82545	82910	2106	2107	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
82910	83275	2107	2108	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
83275	83641	2108	2109	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
83641	84006	2109	2110	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
84006	84371	2110	2111	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
84371	84736	2111	2112	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
84736	85102	2112	2113	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
85102	85467	2113	2114	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4

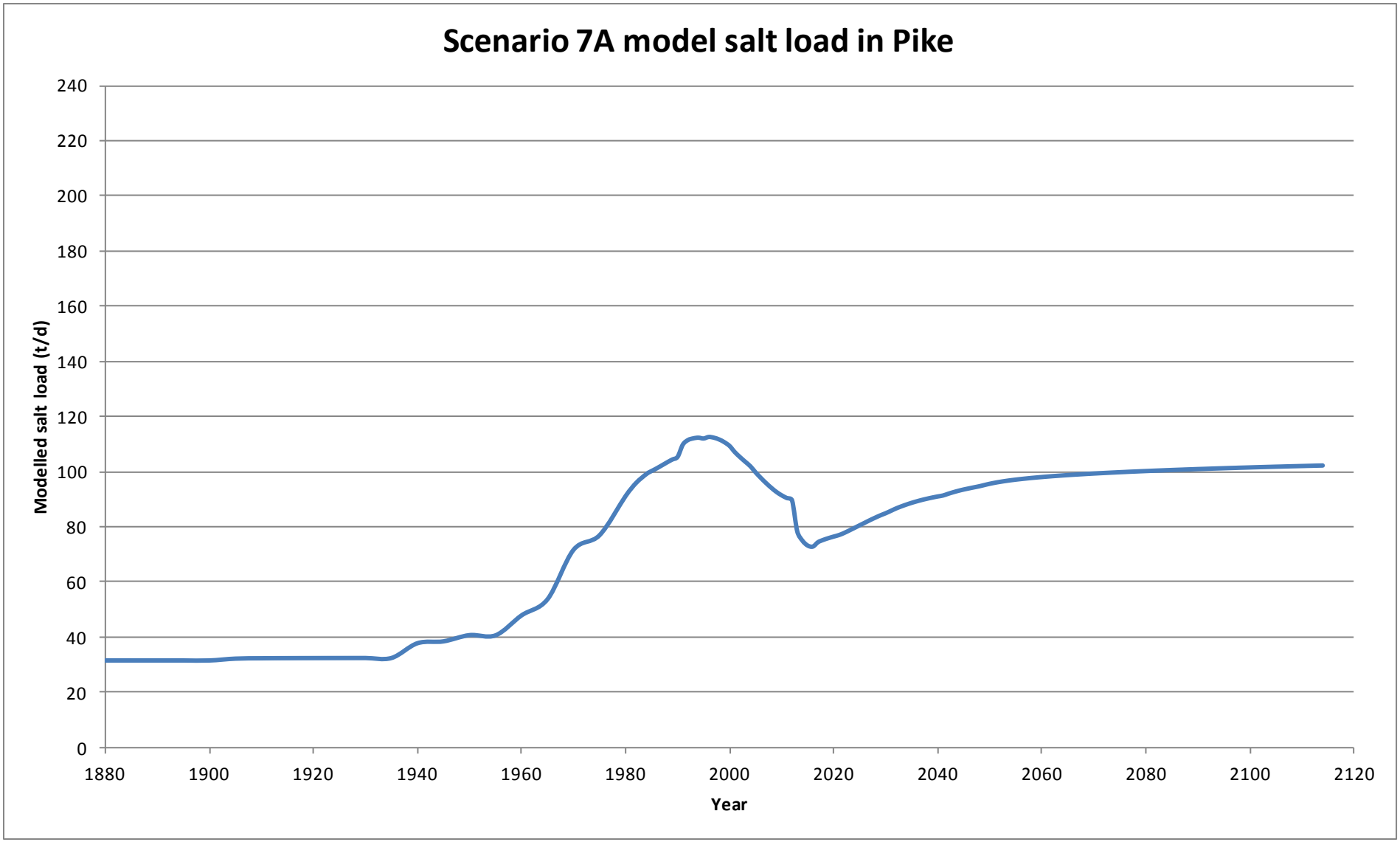
B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S7A model)



B-3. Graph of modelled groundwater flux (m³/d) entering the River Murray in Pike (S7A model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Pike (S7A model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Pike (S7A model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
0	1	1880	1880	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1827	1880	1885	0	0	0	0	0	0	0	0	0	0	0	0	0
1827	3653	1885	1890	0	0	0	0	0	0	0	0	0	0	0	0	0
3653	5479	1890	1895	0	0	0	0	0	0	0	0	0	0	0	0	0
5479	7305	1895	1900	0	0	0	0	0	0	0	0	0	0	0	0	0
7305	9131	1900	1905	0	0	0	0	0	0	0	0	0	0	0	0	0
9131	10957	1905	1910	0	0	0	0	0	0	0	0	0	0	0	0	0
10957	12783	1910	1915	0	0	0	0	0	0	0	0	0	0	0	0	0
12783	14609	1915	1920	0	0	0	0	0	0	0	0	0	0	0	0	0
14609	16436	1920	1925	0	0	0	0	0	0	0	0	0	0	0	0	0
16436	18262	1925	1930	0	0	0	0	0	0	0	0	0	0	0	0	0
18262	20088	1930	1935	0	0	0	0	0	0	0	0	0	0	0	0	0
20088	21914	1935	1940	0	0	0	0	0	0	0	0	0	0	0	0	0
21914	23741	1940	1945	0	0	0	0	0	0	0	0	0	0	0	0	0
23741	25567	1945	1950	0	0	0	0	0	0	0	0	0	0	0	0	0
25567	27393	1950	1955	0	0	0	0	0	0	0	0	0	0	0	0	0
27393	29219	1955	1960	0	0	0	0	0	0	0	0	0	0	0	0	0
29219	31046	1960	1965	0	0	0	0	0	0	0	0	0	0	0	0	0
31046	32872	1965	1970	0	0	0	0	0	0	0	0	0	0	0	0	0
32872	34698	1970	1975	0	0	67	41	0	0	0	0	0	0	0	0	108
34698	36524	1975	1980	0	0	73	46	0	0	0	0	0	0	0	0	119
36524	37255	1980	1982	6	0	85	53	0	0	0	0	0	0	0	0	144
37255	37985	1982	1984	7	0	91	57	0	0	0	0	0	0	0	0	154
37985	38351	1984	1985	7	0	92	58	0	0	0	0	0	0	0	0	157
38351	38716	1985	1986	6	0	78	57	0	0	0	0	0	0	0	0	141
38716	39446	1986	1988	6	0	79	58	0	0	0	0	0	0	0	0	142
39446	39812	1988	1989	6	0	79	59	0	0	0	0	0	0	0	0	144
39812	40177	1989	1990	6	0	80	59	0	0	0	0	0	0	0	0	145
40177	40542	1990	1991	7	0	93	68	0	0	0	0	0	0	0	0	168
40542	40907	1991	1992	8	0	104	76	0	0	0	0	0	0	0	0	188
40907	41273	1992	1993	8	0	111	81	0	0	0	0	0	0	0	0	199
41273	41638	1993	1994	9	0	115	84	0	0	0	0	0	0	0	0	207
41638	42003	1994	1995	9	0	118	86	0	0	0	0	0	0	0	0	213
42003	42368	1995	1996	9	0	120	88	0	0	0	0	0	0	0	0	217
42368	42734	1996	1997	9	0	122	89	0	0	0	0	0	0	0	0	221
42734	43099	1997	1998	10	0	123	91	0	0	0	0	0	0	0	0	224
43099	43464	1998	1999	10	0	125	92	0	0	0	0	0	0	0	0	227
43464	43829	1999	2000	10	0	126	93	0	0	0	0	0	0	0	0	230
43829	44195	2000	2001	5	0	102	66	0	0	0	0	0	0	0	4	177
44195	44560	2001	2002	5	0	101	66	0	0	0	0	0	0	0	10	183
44560	44925	2002	2003	4	0	88	65	1	0	0	0	0	0	0	14	172
44925	45290	2003	2004	4	0	88	66	2	0	0	0	0	0	0	16	176
45290	45656	2004	2005	4	0	83	58	3	0	0	0	0	0	0	18	166
45656	46021	2005	2006	4	0	83	59	3	0	0	0	0	0	0	19	168
46021	46386	2006	2007	4	0	83	59	3	0	0	0	0	0	0	20	170
46386	46751	2007	2008	4	0	84	60	3	0	0	0	0	0	0	20	171
46751	47117	2008	2009	4	0	84	60	3	0	0	0	0	0	0	20	172
47117	47482	2009	2010	4	0	84	60	4	0	0	0	0	0	0	21	173
47482	47847	2010	2011	4	0	84	60	4	0	0	0	0	0	0	21	173
47847	48212	2011	2012	4	0	85	61	4	0	0	0	0	0	0	21	174
48212	48578	2012	2013	4	0	85	61	4	0	0	0	0	0	0	20	175
48578	48943	2013	2014	5	0	85	61	4	0	0	0	0	0	0	20	175

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
0	1	1880	1880	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	1827	1880	1885	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1827	3653	1885	1890	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3653	5479	1890	1895	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5479	7305	1895	1900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7305	9131	1900	1905	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9131	10957	1905	1910	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10957	12783	1910	1915	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12783	14609	1915	1920	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14609	16436	1920	1925	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16436	18262	1925	1930	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18262	20088	1930	1935	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20088	21914	1935	1940	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21914	23741	1940	1945	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23741	25567	1945	1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25567	27393	1950	1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27393	29219	1955	1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29219	31046	1960	1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31046	32872	1965	1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32872	34698	1970	1975	0.0	0.0	1.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
34698	36524	1975	1980	0.0	0.0	1.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
36524	37255	1980	1982	0.1	0.0	1.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
37255	37985	1982	1984	0.1	0.0	1.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
37985	38351	1984	1985	0.1	0.0	1.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
38351	38716	1985	1986	0.1	0.0	1.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
38716	39446	1986	1988	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
39446	39812	1988	1989	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
39812	40177	1989	1990	0.1	0.0	1.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
40177	40542	1990	1991	0.1	0.0	1.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
40542	40907	1991	1992	0.2	0.0	2.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
40907	41273	1992	1993	0.2	0.0	2.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
41273	41638	1993	1994	0.2	0.0	2.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
41638	42003	1994	1995	0.2	0.0	2.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
42003	42368	1995	1996	0.2	0.0	2.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
42368	42734	1996	1997	0.2	0.0	2.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
42734	43099	1997	1998	0.2	0.0	2.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
43099	43464	1998	1999	0.2	0.0	2.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
43464	43829	1999	2000	0.2	0.0	2.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
43829	44195	2000	2001	0.1	0.0	2.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.5
44195	44560	2001	2002	0.1	0.0	2.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	3.7
44560	44925	2002	2003	0.1	0.0	1.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	3.5
44925	45290	2003	2004	0.1	0.0	1.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.6
45290	45656	2004	2005	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.5
45656	46021	2005	2006	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.5
46021	46386	2006	2007	0.1	0.0	1.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.5
46386	46751	2007	2008	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
46751	47117	2008	2009	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
47117	47482	2009	2010	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
47482	47847	2010	2011	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
47847	48212	2011	2012	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
48212	48578	2012	2013	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
48578	48943	2013	2014	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7A model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
48943	49308	2014	2015	2	0	26	9	0	0	0	0	0	0	0	11	48
49308	49673	2015	2016	3	0	51	20	0	0	0	0	0	0	0	37	111
49673	50039	2016	2017	4	0	61	35	7	0	0	0	0	0	0	63	170
50039	50404	2017	2018	4	0	71	48	13	0	0	0	0	0	0	81	216
50404	50769	2018	2019	4	0	80	60	20	0	0	0	0	0	0	96	260
50769	51134	2019	2020	4	0	88	71	24	0	0	0	0	0	0	108	296
51134	51500	2020	2021	7	0	102	82	29	0	0	0	0	0	0	118	337
51500	51865	2021	2022	8	0	117	93	34	0	0	0	0	0	0	126	378
51865	52230	2022	2023	10	0	128	102	38	0	0	0	0	0	0	133	411
52230	52595	2023	2024	10	0	138	110	42	0	0	0	0	0	0	138	439
52595	52961	2024	2025	12	0	146	117	45	0	0	0	0	0	0	143	463
52961	53326	2025	2026	13	0	153	123	48	0	0	0	0	0	0	147	485
53326	53691	2026	2027	14	0	161	129	51	0	0	0	0	0	0	150	505
53691	54056	2027	2028	16	0	167	134	54	0	0	0	0	0	0	154	524
54056	54422	2028	2029	17	0	174	139	56	0	0	0	0	0	0	156	542
54422	54787	2029	2030	18	0	179	144	58	0	0	0	0	0	0	159	558
54787	55152	2030	2031	19	0	185	148	60	0	0	0	0	0	0	161	574
55152	55517	2031	2032	21	0	194	159	68	0	0	0	0	0	0	165	607
55517	55883	2032	2033	22	0	203	168	72	0	0	0	0	0	0	170	634
55883	56248	2033	2034	24	0	211	174	76	0	0	0	0	0	0	174	658
56248	56613	2034	2035	25	0	218	180	79	0	0	0	0	0	0	178	680
56613	56978	2035	2036	27	0	225	186	82	0	0	0	0	0	0	181	699
56978	57344	2036	2037	28	0	230	191	84	0	0	0	0	0	0	184	717
57344	57709	2037	2038	29	0	236	195	86	0	0	0	0	0	0	187	733
57709	58074	2038	2039	31	0	241	199	88	0	0	0	0	0	0	189	748
58074	58439	2039	2040	32	0	245	203	90	0	0	0	0	0	0	191	761
58439	58805	2040	2041	33	0	250	206	92	0	0	0	0	0	0	193	774
58805	59170	2041	2042	34	0	254	209	93	0	0	0	0	0	0	195	785
59170	59535	2042	2043	35	0	257	212	95	0	0	0	0	0	0	197	796
59535	59900	2043	2044	36	0	261	215	96	0	0	0	0	0	0	199	807
59900	60266	2044	2045	37	0	264	218	97	0	0	0	0	0	0	200	816
60266	60631	2045	2046	38	0	267	220	98	0	0	0	0	0	0	202	826
60631	60996	2046	2047	38	0	270	223	100	0	0	0	0	0	0	203	835
60996	61361	2047	2048	39	0	273	225	101	0	0	0	0	0	0	205	843
61361	61727	2048	2049	40	0	276	228	102	0	0	0	0	0	0	206	851
61727	62092	2049	2050	41	0	279	230	103	0	0	0	0	0	0	207	859
62092	62457	2050	2051	41	0	281	232	104	0	0	0	0	0	0	208	867
62457	62822	2051	2052	42	0	284	234	105	0	0	0	0	0	0	210	874
62822	63188	2052	2053	43	0	286	236	106	0	0	0	0	0	0	211	882
63188	63553	2053	2054	43	0	289	238	107	0	0	0	0	0	0	212	889
63553	63918	2054	2055	44	0	291	240	108	0	0	0	0	0	0	213	896
63918	64283	2055	2056	44	0	293	242	109	0	0	0	0	0	0	214	902
64283	64649	2056	2057	45	0	296	243	109	0	0	0	0	0	0	215	909
64649	65014	2057	2058	46	0	298	245	110	0	0	0	0	0	0	216	915
65014	65379	2058	2059	46	0	300	247	111	0	0	0	0	0	0	217	922
65379	65744	2059	2060	47	0	302	249	112	0	0	0	0	0	0	218	928
65744	66110	2060	2061	47	0	304	250	113	0	0	0	0	0	0	219	934
66110	66475	2061	2062	48	0	306	252	114	0	0	0	0	0	0	220	940
66475	66840	2062	2063	48	0	308	253	115	0	0	0	0	0	0	221	946
66840	67205	2063	2064	49	0	310	255	116	0	0	0	0	0	0	222	952
67205	67571	2064	2065	49	0	312	256	117	0	0	0	0	0	0	223	957

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
48943	49308	2014	2015	0.0	0.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.1
49308	49673	2015	2016	0.1	0.0	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.6
49673	50039	2016	2017	0.1	0.0	1.2	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9	4.0
50039	50404	2017	2018	0.1	0.0	1.4	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.5	5.1
50404	50769	2018	2019	0.1	0.0	1.6	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	3.0	6.1
50769	51134	2019	2020	0.1	0.0	1.7	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	3.3	6.9
51134	51500	2020	2021	0.1	0.0	2.0	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	3.7	7.8
51500	51865	2021	2022	0.2	0.0	2.3	1.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	3.9	8.7
51865	52230	2022	2023	0.2	0.0	2.5	2.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	4.1	9.4
52230	52595	2023	2024	0.2	0.0	2.7	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	4.3	10.0
52595	52961	2024	2025	0.2	0.0	2.9	2.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	4.4	10.5
52961	53326	2025	2026	0.3	0.0	3.0	2.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	4.5	11.0
53326	53691	2026	2027	0.3	0.0	3.2	2.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	4.6	11.4
53691	54056	2027	2028	0.3	0.0	3.3	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	4.7	11.8
54056	54422	2028	2029	0.3	0.0	3.4	2.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	4.8	12.2
54422	54787	2029	2030	0.4	0.0	3.5	2.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	4.9	12.5
54787	55152	2030	2031	0.4	0.0	3.6	2.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	12.9
55152	55517	2031	2032	0.4	0.0	3.8	3.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	5.1	13.5
55517	55883	2032	2033	0.4	0.0	4.0	3.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	5.2	14.1
55883	56248	2033	2034	0.5	0.0	4.2	3.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	5.4	14.6
56248	56613	2034	2035	0.5	0.0	4.3	3.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	5.5	15.1
56613	56978	2035	2036	0.5	0.0	4.4	3.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	5.6	15.5
56978	57344	2036	2037	0.6	0.0	4.5	3.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	5.7	15.8
57344	57709	2037	2038	0.6	0.0	4.7	3.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	5.8	16.2
57709	58074	2038	2039	0.6	0.0	4.7	3.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	5.8	16.5
58074	58439	2039	2040	0.6	0.0	4.8	4.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	5.9	16.8
58439	58805	2040	2041	0.7	0.0	4.9	4.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	6.0	17.0
58805	59170	2041	2042	0.7	0.0	5.0	4.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	6.0	17.3
59170	59535	2042	2043	0.7	0.0	5.1	4.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	6.1	17.5
59535	59900	2043	2044	0.7	0.0	5.1	4.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	6.1	17.7
59900	60266	2044	2045	0.7	0.0	5.2	4.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	6.2	17.9
60266	60631	2045	2046	0.7	0.0	5.3	4.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	6.2	18.1
60631	60996	2046	2047	0.8	0.0	5.3	4.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	6.3	18.3
60996	61361	2047	2048	0.8	0.0	5.4	4.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	6.3	18.5
61361	61727	2048	2049	0.8	0.0	5.4	4.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	6.4	18.7
61727	62092	2049	2050	0.8	0.0	5.5	4.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	6.4	18.8
62092	62457	2050	2051	0.8	0.0	5.5	4.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	6.4	19.0
62457	62822	2051	2052	0.8	0.0	5.6	4.6	1.7	0.0	0.0	0.0	0.0	0.0	0.0	6.5	19.1
62822	63188	2052	2053	0.8	0.0	5.6	4.6	1.7	0.0	0.0	0.0	0.0	0.0	0.0	6.5	19.3
63188	63553	2053	2054	0.9	0.0	5.7	4.6	1.7	0.0	0.0	0.0	0.0	0.0	0.0	6.5	19.4
63553	63918	2054	2055	0.9	0.0	5.7	4.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	6.6	19.6
63918	64283	2055	2056	0.9	0.0	5.8	4.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	6.6	19.7
64283	64649	2056	2057	0.9	0.0	5.8	4.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0	6.6	19.9
64649	65014	2057	2058	0.9	0.0	5.9	4.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	6.7	20.0
65014	65379	2058	2059	0.9	0.0	5.9	4.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	6.7	20.1
65379	65744	2059	2060	0.9	0.0	6.0	4.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	6.7	20.3
65744	66110	2060	2061	0.9	0.0	6.0	4.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	6.8	20.4
66110	66475	2061	2062	0.9	0.0	6.0	4.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	6.8	20.5
66475	66840	2062	2063	0.9	0.0	6.1	4.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	6.8	20.6
66840	67205	2063	2064	1.0	0.0	6.1	5.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	6.9	20.8
67205	67571	2064	2065	1.0	0.0	6.1	5.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	6.9	20.9

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7A model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
67571	67936	2065	2066	49	0	313	258	118	0	0	0	0	0	0	224	963
67936	68301	2066	2067	50	0	315	259	119	0	0	0	0	0	0	225	968
68301	68666	2067	2068	50	0	317	261	119	0	0	0	0	0	0	226	973
68666	69032	2068	2069	51	0	318	262	120	0	0	0	0	0	0	227	978
69032	69397	2069	2070	51	0	320	263	121	0	0	0	0	0	0	228	983
69397	69762	2070	2071	52	0	322	265	122	0	0	0	0	0	0	228	988
69762	70127	2071	2072	52	0	323	266	123	0	0	0	0	0	0	229	993
70127	70493	2072	2073	52	0	325	267	124	0	0	0	0	0	0	230	997
70493	70858	2073	2074	53	0	326	268	124	0	0	0	0	0	0	231	1002
70858	71223	2074	2075	53	0	327	269	125	0	0	0	0	0	0	231	1006
71223	71588	2075	2076	53	0	329	271	126	0	0	0	0	0	0	232	1011
71588	71954	2076	2077	54	0	330	272	127	0	0	0	0	0	0	233	1015
71954	72319	2077	2078	54	0	331	273	127	0	0	0	0	0	0	234	1019
72319	72684	2078	2079	54	0	333	274	128	0	0	0	0	0	0	234	1023
72684	73049	2079	2080	55	0	334	275	129	0	0	0	0	0	0	235	1027
73049	73415	2080	2081	55	0	335	276	129	0	0	0	0	0	0	236	1031
73415	73780	2081	2082	55	0	336	277	130	0	0	0	0	0	0	236	1034
73780	74145	2082	2083	55	0	337	278	131	0	0	0	0	0	0	237	1038
74145	74510	2083	2084	56	0	338	279	131	0	0	0	0	0	0	237	1042
74510	74876	2084	2085	56	0	340	280	132	0	0	0	0	0	0	238	1045
74876	75241	2085	2086	56	0	341	280	132	0	0	0	0	0	0	239	1048
75241	75606	2086	2087	57	0	342	281	133	0	0	0	0	0	0	239	1052
75606	75971	2087	2088	57	0	343	282	134	0	0	0	0	0	0	240	1055
75971	76337	2088	2089	57	0	344	283	134	0	0	0	0	0	0	240	1058
76337	76702	2089	2090	57	0	345	284	135	0	0	0	0	0	0	241	1061
76702	77067	2090	2091	57	0	346	285	135	0	0	0	0	0	0	241	1064
77067	77432	2091	2092	58	0	346	285	136	0	0	0	0	0	0	242	1067
77432	77798	2092	2093	58	0	347	286	136	0	0	0	0	0	0	242	1070
77798	78163	2093	2094	58	0	348	287	137	0	0	0	0	0	0	243	1073
78163	78528	2094	2095	58	0	349	288	137	0	0	0	0	0	0	243	1075
78528	78893	2095	2096	59	0	350	288	138	0	0	0	0	0	0	244	1078
78893	79259	2096	2097	59	0	351	289	138	0	0	0	0	0	0	244	1081
79259	79624	2097	2098	59	0	351	290	138	0	0	0	0	0	0	245	1083
79624	79989	2098	2099	59	0	352	290	139	0	0	0	0	0	0	245	1086
79989	80354	2099	2100	59	0	353	291	139	0	0	0	0	0	0	246	1088
80354	80719	2100	2101	59	0	354	291	140	0	0	0	0	0	0	246	1091
80719	81084	2101	2102	60	0	354	292	140	0	0	0	0	0	0	247	1093
81084	81449	2102	2103	60	0	355	293	141	0	0	0	0	0	0	247	1095
81449	81814	2103	2104	60	0	356	293	141	0	0	0	0	0	0	247	1097
81814	82180	2104	2105	60	0	356	294	141	0	0	0	0	0	0	248	1100
82180	82545	2105	2106	60	0	357	294	142	0	0	0	0	0	0	248	1102
82545	82910	2106	2107	60	0	358	295	142	0	0	0	0	0	0	249	1104
82910	83275	2107	2108	61	0	358	295	142	0	0	0	0	0	0	249	1106
83275	83641	2108	2109	61	0	359	296	143	0	0	0	0	0	0	249	1108
83641	84006	2109	2110	61	0	360	296	143	0	0	0	0	0	0	250	1110
84006	84371	2110	2111	61	0	360	297	144	0	0	0	0	0	0	250	1112
84371	84736	2111	2112	61	0	361	297	144	0	0	0	0	0	0	250	1114
84736	85102	2112	2113	61	0	361	298	144	0	0	0	0	0	0	251	1116
85102	85467	2113	2114	61	0	362	298	145	0	0	0	0	0	0	251	1117

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
67571	67936	2065	2066	1.0	0.0	6.2	5.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	6.9	21.0
67936	68301	2066	2067	1.0	0.0	6.2	5.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0	6.9	21.1
68301	68666	2067	2068	1.0	0.0	6.2	5.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0	7.0	21.2
68666	69032	2068	2069	1.0	0.0	6.3	5.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0	7.0	21.3
69032	69397	2069	2070	1.0	0.0	6.3	5.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0	7.0	21.4
69397	69762	2070	2071	1.0	0.0	6.3	5.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0	7.0	21.5
69762	70127	2071	2072	1.0	0.0	6.4	5.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	21.6
70127	70493	2072	2073	1.0	0.0	6.4	5.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	21.7
70493	70858	2073	2074	1.0	0.0	6.4	5.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	21.8
70858	71223	2074	2075	1.0	0.0	6.5	5.3	2.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	21.9
71223	71588	2075	2076	1.1	0.0	6.5	5.3	2.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	22.0
71588	71954	2076	2077	1.1	0.0	6.5	5.3	2.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	22.1
71954	72319	2077	2078	1.1	0.0	6.5	5.3	2.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	22.2
72319	72684	2078	2079	1.1	0.0	6.6	5.3	2.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	22.2
72684	73049	2079	2080	1.1	0.0	6.6	5.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0	7.2	22.3
73049	73415	2080	2081	1.1	0.0	6.6	5.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0	7.3	22.4
73415	73780	2081	2082	1.1	0.0	6.6	5.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0	7.3	22.5
73780	74145	2082	2083	1.1	0.0	6.7	5.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0	7.3	22.6
74145	74510	2083	2084	1.1	0.0	6.7	5.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0	7.3	22.6
74510	74876	2084	2085	1.1	0.0	6.7	5.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	7.3	22.7
74876	75241	2085	2086	1.1	0.0	6.7	5.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	7.4	22.8
75241	75606	2086	2087	1.1	0.0	6.7	5.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	7.4	22.9
75606	75971	2087	2088	1.1	0.0	6.8	5.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	7.4	22.9
75971	76337	2088	2089	1.1	0.0	6.8	5.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	7.4	23.0
76337	76702	2089	2090	1.1	0.0	6.8	5.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	7.4	23.0
76702	77067	2090	2091	1.1	0.0	6.8	5.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	7.4	23.1
77067	77432	2091	2092	1.1	0.0	6.8	5.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	7.5	23.2
77432	77798	2092	2093	1.1	0.0	6.8	5.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	7.5	23.2
77798	78163	2093	2094	1.1	0.0	6.9	5.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	7.5	23.3
78163	78528	2094	2095	1.2	0.0	6.9	5.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	7.5	23.3
78528	78893	2095	2096	1.2	0.0	6.9	5.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	7.5	23.4
78893	79259	2096	2097	1.2	0.0	6.9	5.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	7.5	23.5
79259	79624	2097	2098	1.2	0.0	6.9	5.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	7.6	23.5
79624	79989	2098	2099	1.2	0.0	6.9	5.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	7.6	23.6
79989	80354	2099	2100	1.2	0.0	7.0	5.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	7.6	23.6
80354	80719	2100	2101	1.2	0.0	7.0	5.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	7.6	23.7
80719	81084	2101	2102	1.2	0.0	7.0	5.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	7.6	23.7
81084	81449	2102	2103	1.2	0.0	7.0	5.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	7.6	23.8
81449	81814	2103	2104	1.2	0.0	7.0	5.7	2.3	0.0	0.0	0.0	0.0	0.0	0.0	7.6	23.8
81814	82180	2104	2105	1.2	0.0	7.0	5.7	2.3	0.0	0.0	0.0	0.0	0.0	0.0	7.6	23.9
82180	82545	2105	2106	1.2	0.0	7.0	5.7	2.3	0.0	0.0	0.0	0.0	0.0	0.0	7.7	23.9
82545	82910	2106	2107	1.2	0.0	7.1	5.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	7.7	23.9
82910	83275	2107	2108	1.2	0.0	7.1	5.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	7.7	24.0
83275	83641	2108	2109	1.2	0.0	7.1	5.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	7.7	24.0
83641	84006	2109	2110	1.2	0.0	7.1	5.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	7.7	24.1
84006	84371	2110	2111	1.2	0.0	7.1	5.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	7.7	24.1
84371	84736	2111	2112	1.2	0.0	7.1	5.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	7.7	24.2
84736	85102	2112	2113	1.2	0.0	7.1	5.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	7.7	24.2
85102	85467	2113	2114	1.2	0.0	7.1	5.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	7.7	24.2

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7A model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																																
0	1	1880	1880	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
1	1827	1880	1885	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
1827	3653	1885	1890	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
3653	5479	1890	1895	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
5479	7305	1895	1900	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
7305	9131	1900	1905	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
9131	10957	1905	1910	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
10957	12783	1910	1915	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
12783	14609	1915	1920	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
14609	16436	1920	1925	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
16436	18262	1925	1930	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
18262	20088	1930	1935	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
20088	21914	1935	1940	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
21914	23741	1940	1945	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
23741	25567	1945	1950	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	42	96
25567	27393	1950	1955	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	44	98
27393	29219	1955	1960	0	0	0	1	26	8	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	45	99
29219	31046	1960	1965	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	0	0	0	0	5	45	122
31046	32872	1965	1970	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	0	0	0	6	45	126
32872	34698	1970	1975	0	0	0	1	28	9	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	16	0	0	0	1	58	45	253
34698	36524	1975	1980	0	0	0	1	35	13	32	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	84	22	0	0	0	5	80	46	323
36524	37255	1980	1982	0	0	1	2	83	45	141	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	119	43	5	0	34	10	128	47	671
37255	37985	1982	1984	0	0	1	3	98	51	157	10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	131	50	6	0	36	16	148	48	768
37985	38351	1984	1985	0	0	1	3	102	51	157	11	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	131	53	6	0	36	18	150	49	782
38351	38716	1985	1986	0	0	1	5	191	83	221	14	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	132	54	6	0	36	20	160	51	988
38716	39446	1986	1988	1	0	3	9	269	113	286	22	1	0	0	0	0	0	0	0	0	1	0	0	0	3	13	132	56	6	0	36	29	183	56	1218
39446	39812	1988	1989	1	0	4	10	287	118	296	24	1	0	0	0	0	0	0	0	0	1	0	0	0	4	14	130	57	6	0	36	32	188	60	1269
39812	40177	1989	1990	2	0	5	10	298	121	301	25	2	0	0	0	0	0	0	0	1	2	0	0	0	4	13	126	57	6	0	36	35	189	64	1298
40177	40542	1990	1991	16	0	5	12	323	142	414	34	2	0	0	0	0	0	0	0	1	2	0	0	0	4	14	149	71	7	0	37	37	201	152	1623
40542	40907	1991	1992	21	0	6	12	337	148	428	37	2	0	0	0	0	0	0	0	1	2	0	0	0	5	16	159	79	7	0	39	40	214	173	1727
40907	41273	1992	1993	23	0	7	13	346	151	436	39	3	0	0	0	0	0	0	0	1	2	0	0	0	6	18	165	84	8	0	41	43	224	184	1795
41273	41638	1993	1994	25	0	8	14	353	154	443	41	3	0	0	0	0	0	0	0	1	3	0	0	0	6	19	170	88	8	0	42	46	232	192	1846
41638	42003	1994	1995	26	0	8	14	359	156	447	42	3	0	0	0	0	0	0	0	1	3	0	0	0	6	20	174	91	8	0	43	47	238	193	1882
42003	42368	1995	1996	27	0	9	15	397	167	461	43	4	0	0	0	0	0	0	0	1	3	0	0	0	7	21	177	93	8	0	43	49	244	238	2008
42368	42734	1996	1997	28	0	9	16	404	170	467	43	4	0	0	0	0	0	0	0	1	3	0	0	0	7	21	180	95	9	0	44	50	248	250	2051
42734	43099	1997	1998	29	0	9	16	409	172	471	44	4	0	0	0	0	0	0	0	2	3	0	0	0	7	22	182	97	9	0	44	51	252	257	2082
43099	43464	1998	1999	29	0	10	17	413	173	474	45	4	0	0	0	0	0	0	0	2	3	0	0	0	7	22	182	98	9	0	44	52	253	262	2100
43464	43829	1999	2000	30	0	10	17	416	175	477	45	4	0	0	0	0	0	0	0	2	3	0	0	0	8	22	183	99	9	0	45	53	254	266	2117
43829	44195	2000	2001	30	0	10	18	444	181	482	46	4	0	0	0	0	0	0	1	2	4	0	0	0	8	23	190	123	8	0	31	53	259	259	2175
44195	44560	2001	2002	30	0	11	18	460	186	491	46	5	0	0	0	0	0	0	1	2	4	0	0	0	8	23	194	130	8	0	31	54	262	249	2211
44560	44925	2002	2003	30	0	11	16	354	137	324	37	4	0	0	0	0	0	0	1	2	4	0	0	0	8	23	193	132	8	0	31	54	250	238	1857
44925	45290	2003	2004	29	0	11	14	301	114	268	31	4	0	0	0	0	0	0	1	2	3	0	0	0	8	21	189	133	8	0	31	49	226	226	1667
45290	45656	2004	2005	27	0	10	13	274	102	238	26	3	0	0	0	0	0	0	0	1	3	0	0	0	7	18	183	133	8	0	31	43	203	221	1545
45656	46021	2005	2006	25	0	9	12	257	95	220	23	2	0	0	0	0	0	0	0	1	3	0	0	0	6	15	176	133	8	0	31	38	184	230	1470
46021	46386	2006	2007	24	0	9	12	246	90	208	21	2	0	0	0	0	0	0	0	1	2	0	0	0	5	13	168	132	8	0	31	35	171	229	1407
46386	46751	2007	2008	23	0	9	11	239	86	198	19	2	0	0	0	0	0	0	0	1	2	0	0	0	4	10	161	132	8	0	31	32	158	223	1349
46751	47117	2008	2009	22	0	9	11	232	83	189	18	1	0	0	0	0	0	0	0	1	2	0	0	0	4	8	153	131	8	0	31	30	147	214	1293
47117	47482	2009	2010	21	0	9	11	226	80	180	17	1	0	0	0	0	0	0	0	0	1	0	0	0	3	6	146	130	8	0	31	28	135	201	1234
47482	47847	2010	2011	20	0	9	11	221	77	173	16	1	0	0	0	0	0	0	0	0	1	0	0	0	3	4	139	129	8	0	31	26	126	196	1192
47847	48212	2011	2012	19	0	9	11	223	78	178	15	1	0	0	0	0	0	0	0	0	1	0	0	0	2	3	145	136	9	0	35	25	122	197	1209
48212	48578	2012	2013	19	0	9	10	221	77	175	15	1	0	0	0	0	0	0	0	0	1	0	0	0	2	3	146	139	9	0	35	24	119	196	1201
48578	48943	2013	2014	19	0	8	10	220	76	173	14	1	0	0	0	0	0	0	0	0	1	0	0	0	2	3	146	140	9	0	35	23	116	196	1194

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (S7A model)

				Central Murtho																																	
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																																	
48943	49308	2014	2015	12	0	1	0	0	1	33	11	1	0	0	0	0	0	0	0	0	1	0	0	0	2	1	103	76	7	0	30	21	93	17	411
49308	49673	2015	2016	4	0	0	0	0	0	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	49	28	5	0	26	16	50	9	205
49673	50039	2016	2017	1	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	11	4	0	25	9	21	4	96
50039	50404	2017	2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9	4	0	24	3	6	2	49
50404	50769	2018	2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	4	0	24	0	0	0	36
50769	51134	2019	2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	4	0	24	0	0	0	35
51134	51500	2020	2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	5	0	31	0	0	0	49
51500	51865	2021	2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	7	0	36	0	0	0	62
51865	52230	2022	2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	8	0	39	0	0	0	71
52230	52595	2023	2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	30	8	0	41	0	0	0	82
52595	52961	2024	2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	44	9	0	43	0	3	0	112
52961	53326	2025	2026	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	59	10	0	45	0	14	0	171
53326	53691	2026	2027	0	0	0	0	0	0	21	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	72	11	0	47	2	29	1	230
53691	54056	2027	2028	0	0	0	0	0	0	28	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	82	11	0	49	5	46	3	289
54056	54422	2028	2029	0	0	0	0	0	0	36	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	92	12	0	51	9	62	4	347
54422	54787	2029	2030	0	0	0	0	0	1	42	7	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	89	100	12	0	52	12	78	5	401
54787	55152	2030	2031	0	0	0	0	0	1	47	9	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	102	108	13	0	53	16	94	6	453
55152	55517	2031	2032	0	0	0	0	0	1	54	11	0	0	0	0	0	0	0	0	0	1	0	0	0	3	3	114	116	14	0	55	19	109	7	506
55517	55883	2032	2033	0	0	0	0	0	2	60	12	0	0	0	0	0	0	0	0	0	1	0	0	0	3	6	126	125	14	0	57	22	123	7	558
55883	56248	2033	2034	0	0	0	0	0	3	65	14	1	0	0	0	0	0	0	0	0	1	0	0	0	4	8	137	132	15	0	58	25	136	8	608
56248	56613	2034	2035	0	0	0	0	0	5	70	15	1	0	0	0	0	0	0	0	0	2	0	0	0	5	10	147	139	15	0	60	27	148	9	655
56613	56978	2035	2036	1	0	0	0	0	6	78	17	1	0	0	0	0	0	0	0	1	2	0	0	0	5	12	157	146	16	0	61	30	160	9	701
56978	57344	2036	2037	1	0	0	0	0	9	85	18	1	0	0	0	0	0	0	0	1	2	0	0	0	6	14	166	152	16	0	62	32	171	10	747
57344	57709	2037	2038	1	0	0	0	1	12	92	19	2	0	0	0	0	0	0	0	1	2	0	0	0	7	16	174	158	17	0	63	35	182	11	792
57709	58074	2038	2039	1	0	0	0	3	15	99	20	2	0	0	0	0	0	0	0	1	3	0	0	0	7	18	182	163	17	0	64	37	192	11	835
58074	58439	2039	2040	1	0	0	0	5	18	105	21	2	0	0	0	0	0	0	0	1	3	0	0	0	8	19	190	168	18	0	65	39	202	12	876
58439	58805	2040	2041	1	0	0	0	7	21	112	22	2	0	0	0	0	0	0	0	1	3	0	0	0	8	21	197	173	18	0	66	41	211	12	916
58805	59170	2041	2042	1	0	0	0	9	24	118	24	2	0	0	0	0	0	0	0	1	3	0	0	0	9	22	204	177	18	0	67	42	220	13	955
59170	59535	2042	2043	1	0	0	0	12	26	124	25	3	0	0	0	0	0	0	0	2	4	0	0	0	9	24	210	181	19	0	68	44	229	13	994
59535	59900	2043	2044	1	0	0	0	15	29	130	26	3	0	0	0	0	0	0	0	2	4	0	0	0	10	25	216	185	19	0	68	46	238	13	1031
59900	60266	2044	2045	1	0	0	0	18	32	136	27	3	0	0	0	0	0	0	0	2	4	0	0	0	10	27	222	189	19	0	69	48	246	14	1066
60266	60631	2045	2046	2	0	0	0	20	34	142	28	3	0	0	0	0	0	0	0	2	4	0	0	0	11	28	228	192	19	0	70	49	254	14	1101
60631	60996	2046	2047	2	0	0	0	23	37	147	29	3	0	0	0	0	0	0	1	2	4	0	0	0	11	29	233	195	20	0	70	51	262	15	1134
60996	61361	2047	2048	2	0	0	0	25	39	152	30	4	0	0	0	0	0	0	1	2	5	0	0	0	12	30	239	199	20	0	71	53	269	15	1167
61361	61727	2048	2049	2	0	0	0	30	42	157	30	4	0	0	0	0	0	0	1	2	5	0	0	1	12	32	244	202	20	0	71	54	277	16	1200
61727	62092	2049	2050	2	0	0	0	35	44	162	31	4	0	0	0	0	0	0	1	2	5	0	0	1	12	33	249	205	20	0	72	55	283	17	1233
62092	62457	2050	2051	2	0	0	0	39	46	167	32	4	0	0	0	0	0	0	1	2	5	0	0	1	13	34	253	208	21	0	72	57	290	17	1264
62457	62822	2051	2052	2	0	0	0	44	48	171	33	5	0	0	0	0	0	0	1	2	5	0	0	1	13	35	258	211	21	0	73	58	296	18	1295
62822	63188	2052	2053	2	0	0	0	48	50	176	34	5	0	0	0	0	0	0	1	2	5	0	0	1	14	36	262	213	21	0	74	59	302	18	1324
63188	63553	2053	2054	2	0	0	0	52	52	180	35	5	0	0	0	0	0	0	1	3	6	0	0	1	14	37	266	216	21	0	74	61	308	19	1353
63553	63918	2054	2055	2	0	0	0	56	54	184	35	5	0	0	0	0	0	0	1	3	6	0	0	1	14	38	270	219	21	0	75	62	314	19	1380
63918	64283	2055	2056	2	0	0	0	60	56	188	36	5	0	0	0	0	0	0	1	3	6	0	0	1	14	39	274	221	22	0	75	63	319	20	1406
64283	64649	2056	2057	2	0	0	0	63	58	192	37	6	0	0	0	0	0	0	1	3	6	0	0	1	15	39	278	224	22	0	76	64	325	20	1432
64649	65014	2057	2058	2	0	0	0	67	60	196	37	6	0	0	0	0	0	0	1	3	6	0	0	1	15	40	282	226	22	0	76	65	330	21	1456
65014	65379	2058	2059	2	0	0	0	70	61	199	38	6	0	0	0	0	0	0	1	3	6	0	0	1	15	41	285	228	22	0	77	66	334	21	1480
65379	65744	2059	2060	3	0	0	0	74	63	203	39	6	0	0	0	0	0	0	2	3	6	0	0	1	16	42	289	231	22	0	77	67	339	22	1503
65744	66110	2060	2061	3	0	0	0	77	64	206	39	6	0	0	0	0	0	0	2	3	7	0	0	1	16	43	292	233	23	0	78	68	343	22	1525
66110	66475	2061	2062	4	0	0	0	80	66	209	40	6	0	0	0	0	0	0	2	3	7	0	0	1	16	44	297	235	23	0	78	69	349	27	1555
66475	66840	2062	2063	4	0	0	0	83	67	212	40	7	0	0	0	0	0	0	2	3	7	0	0	1	17	44	300	237	23	0	79	70	353	28	1576
66840	67205	2063	2064	4	0	0	0	86	69	215	41	7	0	0	0	0	0	0	2	3	7	0	0	1	17	45	303	239	23	0	79	71	357	28	1597
67205	67571	2064	2065	4	0	0	0	88	70	218	41	7	0	0	0	0	0	0	2	3	7	0	0	1	17	46	306	241	23	0	80	72	361	28	1616

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (S7A model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																																
67571	67936	2065	2066	4	0	0	0	91	71	221	42	7	0	0	0	0	0	0	2	3	7	0	0	1	17	46	309	243	23	0	80	72	365	29	1635
67936	68301	2066	2067	4	0	0	0	94	73	223	42	7	0	0	0	0	0	0	2	3	7	0	0	1	17	47	312	244	24	0	80	73	368	29	1652
68301	68666	2067	2068	4	0	0	0	96	74	226	43	7	0	0	0	0	0	0	2	3	7	0	0	1	18	47	314	246	24	0	81	74	372	30	1670
68666	69032	2068	2069	4	0	0	0	99	75	229	43	7	0	0	0	0	0	0	2	4	7	0	0	1	18	48	317	248	24	0	81	74	375	30	1687
69032	69397	2069	2070	4	0	0	0	101	76	231	44	8	0	0	0	0	0	0	2	4	8	0	0	1	18	48	319	250	24	0	81	75	378	30	1703
69397	69762	2070	2071	5	0	0	0	104	77	233	44	8	0	0	0	0	0	0	2	4	8	0	0	1	18	49	322	251	24	0	82	76	381	31	1719
69762	70127	2071	2072	5	0	0	0	106	78	235	45	8	0	0	0	0	0	0	2	4	8	0	0	1	18	49	324	253	24	0	82	76	384	31	1734
70127	70493	2072	2073	5	0	0	0	108	79	237	45	8	0	0	0	0	0	0	2	4	8	0	0	1	19	50	326	254	24	0	82	77	387	31	1749
70493	70858	2073	2074	5	0	0	0	110	80	240	45	8	0	0	0	0	0	0	2	4	8	0	0	1	19	50	328	256	24	0	83	78	389	31	1763
70858	71223	2074	2075	5	0	0	0	113	81	241	46	8	0	0	0	0	0	0	2	4	8	0	0	1	19	51	330	257	25	0	83	78	392	32	1776
71223	71588	2075	2076	5	0	0	0	115	82	243	46	8	0	0	0	0	0	0	2	4	8	0	0	1	19	51	332	258	25	0	83	79	395	32	1790
71588	71954	2076	2077	5	0	0	0	117	83	245	46	8	0	0	0	0	0	0	2	4	8	0	0	1	19	51	334	260	25	0	84	79	397	32	1802
71954	72319	2077	2078	5	0	0	0	119	84	247	47	8	0	0	0	0	0	0	2	4	8	0	0	1	19	52	336	261	25	0	84	80	399	32	1815
72319	72684	2078	2079	5	0	0	0	121	84	249	47	9	0	0	0	0	0	0	2	4	8	0	0	1	19	52	338	262	25	0	84	80	402	33	1827
72684	73049	2079	2080	5	0	0	0	122	85	250	47	9	0	0	0	0	0	0	3	4	8	0	0	1	20	53	339	263	25	0	85	81	404	33	1838
73049	73415	2080	2081	5	0	0	0	124	86	252	48	9	0	0	0	0	0	0	3	4	8	0	0	1	20	53	341	265	25	0	85	81	406	33	1850
73415	73780	2081	2082	5	0	0	0	126	87	254	48	9	0	0	0	0	0	0	3	4	8	0	0	1	20	53	343	266	25	0	85	81	408	33	1860
73780	74145	2082	2083	5	0	0	0	127	87	255	48	9	0	0	0	0	0	0	3	4	9	0	0	2	20	54	344	267	25	0	85	82	410	34	1871
74145	74510	2083	2084	6	0	0	0	129	88	257	48	9	0	0	0	0	0	0	3	4	9	0	0	2	20	54	346	268	25	0	86	82	412	34	1881
74510	74876	2084	2085	6	0	0	1	131	89	258	49	9	0	0	0	0	0	0	3	4	9	0	0	2	20	54	347	269	26	0	86	83	413	34	1891
74876	75241	2085	2086	6	0	0	1	132	89	259	49	9	0	0	0	0	0	0	3	4	9	0	0	2	20	54	349	270	26	0	86	83	415	34	1901
75241	75606	2086	2087	6	0	0	1	134	90	261	49	9	1	0	0	0	0	0	3	4	9	0	0	2	20	55	350	271	26	0	86	83	417	34	1910
75606	75971	2087	2088	6	0	0	1	135	91	262	49	9	1	0	0	0	0	0	3	4	9	0	0	2	21	55	351	272	26	0	86	84	419	35	1919
75971	76337	2088	2089	6	0	0	1	136	91	263	50	9	1	0	0	0	0	0	3	4	9	0	0	2	21	55	353	273	26	0	87	84	420	35	1927
76337	76702	2089	2090	6	0	0	1	138	92	264	50	9	1	0	0	0	0	0	3	4	9	0	0	2	21	56	354	274	26	0	87	84	422	35	1936
76702	77067	2090	2091	6	0	0	1	139	92	266	50	10	1	0	0	0	0	0	3	4	9	0	0	2	21	56	355	275	26	0	87	85	423	35	1944
77067	77432	2091	2092	6	0	0	1	140	93	267	50	10	1	0	0	0	0	0	3	4	9	0	0	2	21	56	356	275	26	0	87	85	425	35	1952
77432	77798	2092	2093	6	0	0	1	141	93	268	50	10	1	0	0	0	0	0	3	4	9	0	0	2	21	56	358	276	26	0	87	85	426	35	1960
77798	78163	2093	2094	6	0	0	1	142	94	269	51	10	1	0	0	0	0	0	3	4	9	0	0	2	21	56	359	277	26	0	88	86	427	36	1967
78163	78528	2094	2095	6	0	0	1	144	94	270	51	10	1	0	0	0	0	0	3	5	9	0	0	2	21	57	360	278	26	0	88	86	429	36	1974
78528	78893	2095	2096	6	0	0	1	145	95	271	51	10	1	0	0	0	0	0	3	5	9	0	0	2	21	57	361	279	26	0	88	86	430	36	1982
78893	79259	2096	2097	6	0	0	1	146	95	272	51	10	1	0	0	0	0	0	3	5	9	0	0	2	21	57	362	279	26	0	88	87	431	36	1988
79259	79624	2097	2098	6	0	0	1	147	96	273	51	10	1	0	0	0	0	0	3	5	9	0	0	2	21	57	363	280	27	0	88	87	432	36	1995
79624	79989	2098	2099	6	0	0	1	148	96	274	51	10	1	0	0	0	0	0	3	5	9	0	0	2	22	57	364	281	27	0	88	87	434	36	2002
79989	80354	2099	2100	6	0	0	1	149	97	275	52	10	1	0	0	0	0	0	3	5	9	0	0	2	22	58	365	281	27	0	89	87	435	36	2008
80354	80719	2100	2101	6	0	0	1	150	97	276	52	10	1	0	0	0	0	0	3	5	9	0	0	2	22	58	366	282	27	0	89	88	436	37	2014
80719	81084	2101	2102	6	0	0	1	151	97	276	52	10	1	0	0	0	0	0	3	5	9	0	0	2	22	58	367	283	27	0	89	88	437	37	2020
81084	81449	2102	2103	6	0	0	1	152	98	277	52	10	1	0	0	0	0	0	3	5	9	0	0	2	22	58	368	283	27	0	89	88	438	37	2026
81449	81814	2103	2104	6	0	0	1	153	98	278	52	10	1	0	0	0	0	0	3	5	9	0	0	2	22	58	369	284	27	0	89	88	439	37	2032
81814	82180	2104	2105	6	0	0	1	153	99	279	52	10	1	0	0	0	0	0	3	5	9	0	0	2	22	59	369	285	27	0	89	88	440	37	2037
82180	82545	2105	2106	7	0	0	1	154	99	280	53	10	1	0	0	0	0	0	3	5	9	0	0	2	22	59	370	285	27	0	90	89	441	37	2043
82545	82910	2106	2107	7	0	0	1	155	99	280	53	10	1	0	0	0	0	0	3	5	10	0	0	2	22	59	371	286	27	0	90	89	442	37	2048
82910	83275	2107	2108	7	0	0	1	156	100	281	53	10	1	0	0	0	0	0	3	5	10	0	0	2	22	59	372	286	27	0	90	89	443	37	2053
83275	83641	2108	2109	7	0	0	1	157	100	282	53	11	1	0	0	0	0	0	3	5	10	0	0	2	22	59	373	287	27	0	90	89	444	37	2058
83641	84006	2109	2110	7	0	0	1	157	100	282	53	11	1	0	0	0	0	0	3	5	10	0	0	2	22	59	373	288	27	0	90	89	445	38	2063
84006	84371	2110	2111	7	0	0	1	158	101	283	53	11	1	0	0	0	0	0	3	5	10	0	0	2	22	59	374	288	27	0	90	90	446	38	2068
84371	84736	2111	2112	7	0	0	1	159	101	284	53	11	1	0	0	0	0	0	3	5	10	0	0	2	22	60	375	289	27	0	90	90	446	38	2073
84736	85102	2112	2113	7	0	0	1	160	101	284	53	11	1	0	0	0	0	0	3	5	10	0	0	2	22	60	375	289	27	0	90	90	447	38	2077
85102	85467	2113	2114	7	0	0	1	160	102	285	54	11	1	0	0	0	0	0	3	5	10	0	0	2	22	60	376	290	27	0	91	90	448	38	2082

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (S7A model)

				Central Murtho																															
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																															
0	1	1880	1880	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
1	1827	1880	1885	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
1827	3653	1885	1890	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
3653	5479	1890	1895	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
5479	7305	1895	1900	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
7305	9131	1900	1905	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
9131	10957	1905	1910	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
10957	12783	1910	1915	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
12783	14609	1915	1920	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
14609	16436	1920	1925	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
16436	18262	1925	1930	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
18262	20088	1930	1935	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
20088	21914	1935	1940	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
21914	23741	1940	1945	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
23741	25567	1945	1950	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
25567	27393	1950	1955	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
27393	29219	1955	1960	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
29219	31046	1960	1965	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.2	0.4	2.3
31046	32872	1965	1970	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.2	0.4	2.4
32872	34698	1970	1975	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.3	0.0	0.0	0.0	0.0	1.7	0.4	6.5
34698	36524	1975	1980	0.0	0.0	0.0	0.0	0.7	0.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.3	0.5	0.0	0.0	0.0	0.0	2.3	0.4	8.4
36524	37255	1980	1982	0.0	0.0	0.0	0.0	1.6	0.7	3.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	4.6	0.9	0.1	0.0	0.7	0.1	3.7	0.4	16.8
37255	37985	1982	1984	0.0	0.0	0.0	0.1	1.9	0.9	3.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.1	0.1	0.0	0.7	0.1	4.3	0.4	19.2
37985	38351	1984	1985	0.0	0.0	0.0	0.1	2.0	0.9	3.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.1	0.1	0.0	0.7	0.2	4.4	0.4	19.5
38351	38716	1985	1986	0.0	0.0	0.0	0.1	3.8	1.4	5.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.2	0.1	0.0	0.7	0.2	4.7	0.4	23.8
38716	39446	1986	1988	0.0	0.0	0.0	0.2	5.3	1.9	7.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	5.1	1.2	0.1	0.0	0.7	0.2	5.4	0.5	28.6
39446	39812	1988	1989	0.0	0.0	0.0	0.2	5.7	2.0	7.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	5.1	1.2	0.1	0.0	0.7	0.3	5.5	0.5	29.6
39812	40177	1989	1990	0.0	0.0	0.0	0.2	5.9	2.0	7.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.5	4.9	1.2	0.1	0.0	0.7	0.3	5.5	0.6	30.0
40177	40542	1990	1991	0.1	0.0	0.0	0.2	6.4	2.4	10.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.6	5.8	1.5	0.1	0.0	0.7	0.3	5.9	1.3	36.3
40542	40907	1991	1992	0.2	0.0	0.1	0.2	6.6	2.5	10.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.6	6.2	1.7	0.1	0.0	0.8	0.3	6.3	1.5	38.4
40907	41273	1992	1993	0.2	0.0	0.1	0.3	6.8	2.5	10.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.7	6.4	1.8	0.1	0.0	0.8	0.4	6.6	1.6	39.9
41273	41638	1993	1994	0.2	0.0	0.1	0.3	7.0	2.6	10.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.7	6.6	1.9	0.2	0.0	0.8	0.4	6.8	1.7	41.0
41638	42003	1994	1995	0.2	0.0	0.1	0.3	7.1	2.6	11.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.3	0.8	6.8	2.0	0.2	0.0	0.8	0.4	7.0	1.7	41.8
42003	42368	1995	1996	0.2	0.0	0.1	0.3	7.8	2.8	11.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.3	0.8	6.9	2.0	0.2	0.0	0.8	0.4	7.1	2.1	43.9
42368	42734	1996	1997	0.2	0.0	0.1	0.3	8.0	2.9	11.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.3	0.8	7.0	2.1	0.2	0.0	0.9	0.4	7.3	2.2	44.8
42734	43099	1997	1998	0.3	0.0	0.1	0.3	8.1	2.9	11.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.3	0.9	7.1	2.1	0.2	0.0	0.9	0.4	7.4	2.2	45.4
43099	43464	1998	1999	0.3	0.0	0.1	0.3	8.1	2.9	11.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.3	0.9	7.1	2.1	0.2	0.0	0.9	0.4	7.4	2.3	45.7
43464	43829	1999	2000	0.3	0.0	0.1	0.3	8.2	2.9	11.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.3	0.9	7.1	2.1	0.2	0.0	0.9	0.4	7.4	2.3	46.0
43829	44195	2000	2001	0.3	0.0	0.1	0.3	8.8	3.0	11.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.3	0.9	7.4	2.6	0.2	0.0	0.6	0.4	7.6	2.3	47.5
44195	44560	2001	2002	0.3	0.0	0.1	0.4	9.1	3.1	12.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.3	0.9	7.6	2.8	0.2	0.0	0.6	0.5	7.7	2.2	48.4
44560	44925	2002	2003	0.3	0.0	0.1	0.3	7.0	2.3	7.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.3	0.9	7.5	2.9	0.2	0.0	0.6	0.4	7.3	2.1	40.9
44925	45290	2003	2004	0.3	0.0	0.1	0.3	5.9	1.9	6.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.3	0.8	7.4	2.9	0.2	0.0	0.6	0.4	6.6	2.0	36.8
45290	45656	2004	2005	0.2	0.0	0.1	0.3	5.4	1.7	5.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.3	0.7	7.1	2.9	0.2	0.0	0.6	0.4	5.9	1.9	34.0
45656	46021	2005	2006	0.2	0.0	0.1	0.2	5.1	1.6	5.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.6	6.8	2.9	0.2	0.0	0.6	0.3	5.4	2.0	32.1
46021	46386	2006	2007	0.2	0.0	0.1	0.2	4.9	1.5	5.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.5	6.6	2.9	0.2	0.0	0.6	0.3	5.0	2.0	30.5
46386	46751	2007	2008	0.2	0.0	0.1	0.2	4.7	1.4	4.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.4	6.3	2.8	0.2	0.0	0.6	0.3	4.6	1.9	29.2
46751	47117	2008	2009	0.2	0.0	0.1	0.2	4.6	1.4	4.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.3	6.0	2.8	0.2	0.0	0.6	0.3	4.3	1.9	27.8
47117	47482	2009	2010	0.2	0.0	0.1	0.2	4.4	1.3	4.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.2	5.7	2.8	0.2	0.0	0.6	0.2	4.0	1.7	26.5
47482	47847	2010	2011	0.2	0.0	0.1	0.2	4.4	1.3	4.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	5.4	2.8	0.2	0.0	0.6	0.2	3.7	1.7	25.5
47847	48212	2011	2012	0.2	0.0	0.1	0.2	4.4	1.3	4.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.6	2.9	0.2	0.0	0.7	0.2	3.6	1.7	25.9
48212	48578	2012	2013	0.2	0.0	0.1	0.2	4.4	1.3	4.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.7	3.0	0.2	0.0	0.7	0.2	3.5	1.7	25.8
48578	48943	2013	2014	0.2	0.0	0.1	0.2	4.3	1.3	4.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.7	3.0	0.2	0.0	0.7	0.2	3.4	1.7	25.6

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7A model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																																
48943	49308	2014	2015	0.1	0.0	0.0	0.0	0.0	0.0	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	4.0	1.6	0.1	0.0	0.6	0.2	2.7	0.2	10.7
49308	49673	2015	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.6	0.1	0.0	0.5	0.1	1.5	0.1	5.2
49673	50039	2016	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.2	0.1	0.0	0.5	0.1	0.6	0.0	2.3
50039	50404	2017	2018	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.5	0.0	0.2	0.0	1.0
50404	50769	2018	2019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.5	0.0	0.0	0.0	0.7
50769	51134	2019	2020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.5	0.0	0.0	0.0	0.7
51134	51500	2020	2021	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.0	0.0	1.0
51500	51865	2021	2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.0	0.0	0.0	1.3
51865	52230	2022	2023	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.8	0.0	0.0	0.0	1.4
52230	52595	2023	2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.2	0.0	0.8	0.0	0.0	0.0	1.7
52595	52961	2024	2025	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.9	0.2	0.0	0.8	0.0	0.1	0.0	2.6
52961	53326	2025	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.3	0.2	0.0	0.9	0.0	0.4	0.0	4.2
53326	53691	2026	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.5	0.2	0.0	0.9	0.0	0.9	0.0	5.9
53691	54056	2027	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	1.8	0.2	0.0	1.0	0.0	1.3	0.0	7.5
54056	54422	2028	2029	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	2.0	0.2	0.0	1.0	0.1	1.8	0.0	9.1
54422	54787	2029	2030	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	2.2	0.2	0.0	1.0	0.1	2.3	0.0	10.5
54787	55152	2030	2031	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	4.0	2.3	0.3	0.0	1.0	0.1	2.8	0.1	12.0
55152	55517	2031	2032	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	4.4	2.5	0.3	0.0	1.1	0.2	3.2	0.1	13.4
55517	55883	2032	2033	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	4.9	2.7	0.3	0.0	1.1	0.2	3.6	0.1	14.9
55883	56248	2033	2034	0.0	0.0	0.0	0.0	0.0	0.1	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.3	5.3	2.9	0.3	0.0	1.1	0.2	4.0	0.1	16.3
56248	56613	2034	2035	0.0	0.0	0.0	0.0	0.0	0.1	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.4	5.7	3.0	0.3	0.0	1.2	0.2	4.3	0.1	17.5
56613	56978	2035	2036	0.0	0.0	0.0	0.0	0.0	0.1	1.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.5	6.1	3.2	0.3	0.0	1.2	0.3	4.7	0.1	18.8
56978	57344	2036	2037	0.0	0.0	0.0	0.0	0.0	0.1	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.6	6.5	3.3	0.3	0.0	1.2	0.3	5.0	0.1	20.1
57344	57709	2037	2038	0.0	0.0	0.0	0.0	0.0	0.2	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.6	6.8	3.4	0.3	0.0	1.2	0.3	5.3	0.1	21.2
57709	58074	2038	2039	0.0	0.0	0.0	0.0	0.1	0.2	2.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.7	7.1	3.5	0.3	0.0	1.3	0.3	5.6	0.1	22.4
58074	58439	2039	2040	0.0	0.0	0.0	0.0	0.1	0.3	2.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.8	7.4	3.6	0.3	0.0	1.3	0.3	5.9	0.1	23.5
58439	58805	2040	2041	0.0	0.0	0.0	0.0	0.1	0.3	2.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	7.7	3.7	0.4	0.0	1.3	0.3	6.2	0.1	24.6
58805	59170	2041	2042	0.0	0.0	0.0	0.0	0.2	0.4	2.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.9	3.8	0.4	0.0	1.3	0.4	6.5	0.1	25.6
59170	59535	2042	2043	0.0	0.0	0.0	0.0	0.2	0.4	3.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.4	0.9	8.2	3.9	0.4	0.0	1.3	0.4	6.7	0.1	26.6
59535	59900	2043	2044	0.0	0.0	0.0	0.0	0.3	0.5	3.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.0	8.4	4.0	0.4	0.0	1.3	0.4	7.0	0.1	27.5
59900	60266	2044	2045	0.0	0.0	0.0	0.0	0.3	0.5	3.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.0	8.7	4.1	0.4	0.0	1.4	0.4	7.2	0.1	28.5
60266	60631	2045	2046	0.0	0.0	0.0	0.0	0.4	0.6	3.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.1	8.9	4.1	0.4	0.0	1.4	0.4	7.4	0.1	29.4
60631	60996	2046	2047	0.0	0.0	0.0	0.0	0.5	0.6	3.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.1	9.1	4.2	0.4	0.0	1.4	0.4	7.7	0.1	30.3
60996	61361	2047	2048	0.0	0.0	0.0	0.0	0.5	0.7	3.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.5	1.2	9.3	4.3	0.4	0.0	1.4	0.4	7.9	0.1	31.1
61361	61727	2048	2049	0.0	0.0	0.0	0.0	0.6	0.7	3.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.5	1.2	9.5	4.4	0.4	0.0	1.4	0.5	8.1	0.1	32.0
61727	62092	2049	2050	0.0	0.0	0.0	0.0	0.7	0.7	4.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.5	1.3	9.7	4.4	0.4	0.0	1.4	0.5	8.3	0.1	32.8
62092	62457	2050	2051	0.0	0.0	0.0	0.0	0.8	0.8	4.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.5	1.3	9.9	4.5	0.4	0.0	1.4	0.5	8.5	0.1	33.6
62457	62822	2051	2052	0.0	0.0	0.0	0.0	0.9	0.8	4.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.5	1.4	10.1	4.5	0.4	0.0	1.4	0.5	8.7	0.2	34.4
62822	63188	2052	2053	0.0	0.0	0.0	0.0	0.9	0.8	4.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.5	1.4	10.2	4.6	0.4	0.0	1.4	0.5	8.9	0.2	35.1
63188	63553	2053	2054	0.0	0.0	0.0	0.0	1.0	0.9	4.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.5	1.4	10.4	4.7	0.4	0.0	1.5	0.5	9.0	0.2	35.8
63553	63918	2054	2055	0.0	0.0	0.0	0.0	1.1	0.9	4.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.6	1.5	10.5	4.7	0.4	0.0	1.5	0.5	9.2	0.2	36.5
63918	64283	2055	2056	0.0	0.0	0.0	0.0	1.2	0.9	4.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.6	1.5	10.7	4.8	0.4	0.0	1.5	0.5	9.4	0.2	37.2
64283	64649	2056	2057	0.0	0.0	0.0	0.0	1.3	1.0	4.7	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.6	1.5	10.8	4.8	0.4	0.0	1.5	0.5	9.5	0.2	37.8
64649	65014	2057	2058	0.0	0.0	0.0	0.0	1.3	1.0	4.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.6	1.6	11.0	4.9	0.4	0.0	1.5	0.5	9.7	0.2	38.5
65014	65379	2058	2059	0.0	0.0	0.0	0.0	1.4	1.0	4.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.6	1.6	11.1	4.9	0.4	0.0	1.5	0.6	9.8	0.2	39.1
65379	65744	2059	2060	0.0	0.0	0.0	0.0	1.5	1.1	5.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.6	1.6	11.3	5.0	0.4	0.0	1.5	0.6	9.9	0.2	39.7
65744	66110	2060	2061	0.0	0.0	0.0	0.0	1.5	1.1	5.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.6	1.7	11.4	5.0	0.4	0.0	1.5	0.6	10.1	0.2	40.2
66110	66475	2061	2062	0.0	0.0	0.0	0.0	1.6	1.1	5.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.6	1.7	11.6	5.1	0.4	0.0	1.5	0.6	10.2	0.2	40.9
66475	66840	2062	2063	0.0	0.0	0.0	0.0	1.6	1.1	5.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.6	1.7	11.7	5.1	0.4	0.0	1.5	0.6	10.4	0.2	41.5
66840	67205	2063	2064	0.0	0.0	0.0	0.0	1.7	1.2	5.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.7	1.8	11.8	5.2	0.5	0.0	1.6	0.6	10.5	0.2	42.0
67205	67571	2064	2065	0.0	0.0	0.0	0.0	1.7	1.2	5.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.7	1.8	11.9	5.2	0.5	0.0	1.6	0.6	10.6	0.2	42.5

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7A model)

				Central Murtho																																	
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																																	
67571	67936	2065	2066	0.0	0.0	0.0	0.0	1.8	1.2	5.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.7	1.8	12.1	5.2	0.5	0.0	1.6	0.6	10.7	0.3	42.9
67936	68301	2066	2067	0.0	0.0	0.0	0.0	1.8	1.2	5.5	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.7	1.8	12.2	5.3	0.5	0.0	1.6	0.6	10.8	0.3	43.4
68301	68666	2067	2068	0.0	0.0	0.0	0.0	1.9	1.2	5.5	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.7	1.8	12.3	5.3	0.5	0.0	1.6	0.6	10.9	0.3	43.8
68666	69032	2068	2069	0.0	0.0	0.0	0.0	1.9	1.3	5.6	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.7	1.9	12.4	5.4	0.5	0.0	1.6	0.6	11.0	0.3	44.2
69032	69397	2069	2070	0.0	0.0	0.0	0.0	2.0	1.3	5.7	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.1	0.7	1.9	12.5	5.4	0.5	0.0	1.6	0.6	11.1	0.3	44.7
69397	69762	2070	2071	0.0	0.0	0.0	0.0	2.0	1.3	5.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.1	0.7	1.9	12.5	5.4	0.5	0.0	1.6	0.6	11.2	0.3	45.1
69762	70127	2071	2072	0.0	0.0	0.0	0.0	2.1	1.3	5.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.1	0.7	1.9	12.6	5.5	0.5	0.0	1.6	0.6	11.2	0.3	45.4
70127	70493	2072	2073	0.0	0.0	0.0	0.0	2.1	1.3	5.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.1	0.7	1.9	12.7	5.5	0.5	0.0	1.6	0.6	11.3	0.3	45.8
70493	70858	2073	2074	0.0	0.0	0.0	0.0	2.2	1.3	5.9	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.7	2.0	12.8	5.5	0.5	0.0	1.6	0.7	11.4	0.3	46.2
70858	71223	2074	2075	0.0	0.0	0.0	0.0	2.2	1.4	5.9	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.7	2.0	12.9	5.6	0.5	0.0	1.6	0.7	11.5	0.3	46.5
71223	71588	2075	2076	0.0	0.0	0.0	0.0	2.3	1.4	6.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.7	2.0	13.0	5.6	0.5	0.0	1.6	0.7	11.6	0.3	46.8
71588	71954	2076	2077	0.0	0.0	0.0	0.0	2.3	1.4	6.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.7	2.0	13.0	5.6	0.5	0.0	1.6	0.7	11.6	0.3	47.2
71954	72319	2077	2078	0.0	0.0	0.0	0.0	2.3	1.4	6.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.8	2.0	13.1	5.6	0.5	0.0	1.6	0.7	11.7	0.3	47.5
72319	72684	2078	2079	0.0	0.0	0.0	0.0	2.4	1.4	6.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.8	2.0	13.2	5.7	0.5	0.0	1.7	0.7	11.8	0.3	47.8
72684	73049	2079	2080	0.0	0.0	0.0	0.0	2.4	1.4	6.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.8	2.0	13.2	5.7	0.5	0.0	1.7	0.7	11.8	0.3	48.1
73049	73415	2080	2081	0.0	0.0	0.0	0.0	2.4	1.4	6.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.8	2.1	13.3	5.7	0.5	0.0	1.7	0.7	11.9	0.3	48.3
73415	73780	2081	2082	0.0	0.0	0.0	0.0	2.5	1.5	6.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.8	2.1	13.4	5.7	0.5	0.0	1.7	0.7	11.9	0.3	48.6
73780	74145	2082	2083	0.0	0.0	0.0	0.0	2.5	1.5	6.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.8	2.1	13.4	5.8	0.5	0.0	1.7	0.7	12.0	0.3	48.9
74145	74510	2083	2084	0.0	0.0	0.0	0.0	2.5	1.5	6.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.8	2.1	13.5	5.8	0.5	0.0	1.7	0.7	12.1	0.3	49.1
74510	74876	2084	2085	0.0	0.0	0.0	0.0	2.6	1.5	6.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.8	2.1	13.5	5.8	0.5	0.0	1.7	0.7	12.1	0.3	49.4
74876	75241	2085	2086	0.0	0.0	0.0	0.0	2.6	1.5	6.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.8	2.1	13.6	5.8	0.5	0.0	1.7	0.7	12.2	0.3	49.6
75241	75606	2086	2087	0.0	0.0	0.0	0.0	2.6	1.5	6.4	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.8	2.1	13.7	5.9	0.5	0.0	1.7	0.7	12.2	0.3	49.9
75606	75971	2087	2088	0.1	0.0	0.0	0.0	2.7	1.5	6.4	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.8	2.1	13.7	5.9	0.5	0.0	1.7	0.7	12.3	0.3	50.1
75971	76337	2088	2089	0.1	0.0	0.0	0.0	2.7	1.5	6.4	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.2	13.8	5.9	0.5	0.0	1.7	0.7	12.3	0.3	50.3
76337	76702	2089	2090	0.1	0.0	0.0	0.0	2.7	1.5	6.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.2	13.8	5.9	0.5	0.0	1.7	0.7	12.4	0.3	50.5
76702	77067	2090	2091	0.1	0.0	0.0	0.0	2.7	1.5	6.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.2	13.9	5.9	0.5	0.0	1.7	0.7	12.4	0.3	50.7
77067	77432	2091	2092	0.1	0.0	0.0	0.0	2.8	1.6	6.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.2	13.9	5.9	0.5	0.0	1.7	0.7	12.4	0.3	50.9
77432	77798	2092	2093	0.1	0.0	0.0	0.0	2.8	1.6	6.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.2	13.9	6.0	0.5	0.0	1.7	0.7	12.5	0.3	51.1
77798	78163	2093	2094	0.1	0.0	0.0	0.0	2.8	1.6	6.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.2	14.0	6.0	0.5	0.0	1.7	0.7	12.5	0.3	51.3
78163	78528	2094	2095	0.1	0.0	0.0	0.0	2.8	1.6	6.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.2	14.0	6.0	0.5	0.0	1.7	0.7	12.6	0.3	51.5
78528	78893	2095	2096	0.1	0.0	0.0	0.0	2.9	1.6	6.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.2	14.1	6.0	0.5	0.0	1.7	0.7	12.6	0.3	51.7
78893	79259	2096	2097	0.1	0.0	0.0	0.0	2.9	1.6	6.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.2	14.1	6.0	0.5	0.0	1.7	0.7	12.6	0.3	51.8
79259	79624	2097	2098	0.1	0.0	0.0	0.0	2.9	1.6	6.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.2	14.2	6.0	0.5	0.0	1.7	0.7	12.7	0.3	52.0
79624	79989	2098	2099	0.1	0.0	0.0	0.0	2.9	1.6	6.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.2	14.2	6.1	0.5	0.0	1.7	0.7	12.7	0.3	52.2
79989	80354	2099	2100	0.1	0.0	0.0	0.0	2.9	1.6	6.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.2	14.2	6.1	0.5	0.0	1.7	0.7	12.7	0.3	52.3
80354	80719	2100	2101	0.1	0.0	0.0	0.0	3.0	1.6	6.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.3	14.3	6.1	0.5	0.0	1.7	0.7	12.8	0.3	52.5
80719	81084	2101	2102	0.1	0.0	0.0	0.0	3.0	1.6	6.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.3	14.3	6.1	0.5	0.0	1.7	0.7	12.8	0.3	52.6
81084	81449	2102	2103	0.1	0.0	0.0	0.0	3.0	1.6	6.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.3	14.3	6.1	0.5	0.0	1.7	0.7	12.8	0.3	52.8
81449	81814	2103	2104	0.1	0.0	0.0	0.0	3.0	1.6	6.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.3	14.4	6.1	0.5	0.0	1.7	0.7	12.9	0.3	52.9
81814	82180	2104	2105	0.1	0.0	0.0	0.0	3.0	1.7	6.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.3	14.4	6.1	0.5	0.0	1.8	0.7	12.9	0.3	53.1
82180	82545	2105	2106	0.1	0.0	0.0	0.0	3.0	1.7	6.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.3	14.4	6.2	0.5	0.0	1.8	0.7	12.9	0.3	53.2
82545	82910	2106	2107	0.1	0.0	0.0	0.0	3.1	1.7	6.9	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.3	14.5	6.2	0.5	0.0	1.8	0.7	12.9	0.3	53.3
82910	83275	2107	2108	0.1	0.0	0.0	0.0	3.1	1.7	6.9	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.3	14.5	6.2	0.5	0.0	1.8	0.7	13.0	0.3	53.5
83275	83641	2108	2109	0.1	0.0	0.0	0.0	3.1	1.7	6.9	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.3	14.5	6.2	0.5	0.0	1.8	0.7	13.0	0.3	53.6
83641	84006	2109	2110	0.1	0.0	0.0	0.0	3.1	1.7	6.9	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.3	14.6	6.2	0.5	0.0	1.8	0.8	13.0	0.3	53.7
84006	84371	2110	2111	0.1	0.0	0.0	0.0	3.1	1.7	6.9	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.3	14.6	6.2	0.5	0.0	1.8	0.8	13.1	0.3	53.8
84371	84736	2111	2112	0.1	0.0	0.0	0.0	3.1	1.7	6.9	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.3	14.6	6.2	0.5	0.0	1.8	0.8	13.1	0.3	54.0
84736	85102	2112	2113	0.1	0.0	0.0	0.0	3.1	1.7	7.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.3	14.6	6.2	0.5	0.0	1.8	0.8	13.1	0.3	54.1
85102	85467	2113	2114	0.1	0.0	0.0	0.0	3.2	1.7	7.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.3	14.7	6.3	0.5	0.0	1.8	0.8	13.1	0.3	54.2

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7A model)

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
0	1	1880	1880	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6381
1	1827	1880	1885	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
1827	3653	1885	1890	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
3653	5479	1890	1895	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
5479	7305	1895	1900	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
7305	9131	1900	1905	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
9131	10957	1905	1910	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
10957	12783	1910	1915	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
12783	14609	1915	1920	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
14609	16436	1920	1925	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
16436	18262	1925	1930	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
18262	20088	1930	1935	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
20088	21914	1935	1940	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
21914	23741	1940	1945	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
23741	25567	1945	1950	2722	1318	1230	588	149	62	133	89	96	85	66	17	4	95	13	0	0	72	6738
25567	27393	1950	1955	2722	1318	1230	590	153	62	135	89	96	86	67	17	4	98	13	0	0	74	6756
27393	29219	1955	1960	2722	1318	1230	591	154	62	136	89	96	86	67	17	4	99	14	0	0	75	6761
29219	31046	1960	1965	2722	1318	1230	588	152	62	132	89	96	85	66	17	4	98	14	0	0	74	6747
31046	32872	1965	1970	2722	1318	1230	588	152	62	132	89	96	85	66	17	4	98	14	0	0	74	6748
32872	34698	1970	1975	2722	1318	1230	588	153	62	133	89	96	85	66	17	4	99	14	0	0	74	6749
34698	36524	1975	1980	2722	1318	1230	586	151	62	129	88	95	84	65	17	4	98	14	0	0	73	6734
36524	37255	1980	1982	2722	1318	1230	586	151	62	129	89	95	84	65	17	4	98	14	0	0	73	6735
37255	37985	1982	1984	2722	1318	1230	586	151	62	129	89	95	84	66	17	4	98	14	0	0	73	6736
37985	38351	1984	1985	2722	1318	1230	584	150	62	128	88	95	84	65	17	4	98	14	0	0	73	6732
38351	38716	1985	1986	2722	1318	1230	584	150	62	127	88	95	84	65	17	4	98	14	0	0	73	6731
38716	39446	1986	1988	2722	1318	1230	584	150	62	127	88	95	84	65	17	4	99	15	0	0	73	6734
39446	39812	1988	1989	2722	1318	1230	584	150	62	127	88	95	84	66	17	4	100	15	0	0	73	6736
39812	40177	1989	1990	2722	1318	1230	584	150	62	128	88	95	84	66	17	4	101	15	0	0	74	6738
40177	40542	1990	1991	2722	1318	1230	585	157	63	144	91	98	91	75	18	5	126	27	0	0	96	6846
40542	40907	1991	1992	2722	1318	1230	588	166	64	158	93	101	98	82	19	6	143	30	0	0	108	6927
40907	41273	1992	1993	2722	1318	1230	590	171	64	165	94	102	100	86	19	6	151	32	0	0	114	6967
41273	41638	1993	1994	2722	1319	1230	591	175	65	168	95	103	102	87	20	7	156	34	0	0	118	6990
41638	42003	1994	1995	2722	1319	1230	592	176	65	168	95	103	102	87	20	7	157	34	0	0	117	6992
42003	42368	1995	1996	2722	1319	1230	592	176	65	168	95	103	102	89	20	7	172	42	0	0	127	7029
42368	42734	1996	1997	2722	1319	1230	593	177	65	171	96	104	104	92	20	8	185	47	0	0	134	7066
42734	43099	1997	1998	2722	1319	1230	593	179	65	174	96	105	106	94	21	8	192	49	0	0	139	7091
43099	43464	1998	1999	2722	1319	1230	594	180	65	176	97	105	107	95	21	8	197	51	0	0	142	7108
43464	43829	1999	2000	2722	1319	1230	594	180	66	177	97	105	107	96	21	8	201	52	0	0	144	7120
43829	44195	2000	2001	2722	1319	1230	593	180	65	174	96	105	106	95	21	8	198	50	0	0	141	7104
44195	44560	2001	2002	2722	1319	1230	590	178	65	167	95	104	104	92	21	8	192	48	0	0	136	7070
44560	44925	2002	2003	2722	1319	1230	588	175	65	160	94	102	101	88	20	7	184	45	0	0	129	7029
44925	45290	2003	2004	2722	1319	1230	585	172	64	151	93	101	97	85	20	7	175	42	0	0	121	6984
45290	45656	2004	2005	2722	1319	1230	581	168	63	143	92	100	95	81	20	7	169	41	0	0	116	6946
45656	46021	2005	2006	2722	1319	1230	579	165	63	139	91	99	93	81	20	7	182	47	0	0	122	6960
46021	46386	2006	2007	2722	1319	1230	576	162	63	135	91	98	92	80	20	7	182	47	0	0	121	6945
46386	46751	2007	2008	2722	1319	1230	573	159	62	129	90	98	90	78	19	7	178	46	0	0	117	6918
46751	47117	2008	2009	2722	1319	1230	570	156	62	123	89	97	88	75	19	6	172	44	0	0	112	6885
47117	47482	2009	2010	2722	1319	1230	567	153	61	117	88	96	86	72	19	6	163	41	0	0	106	6845
47482	47847	2010	2011	2722	1319	1230	564	149	61	111	87	95	84	70	18	6	157	39	0	0	102	6814
47847	48212	2011	2012	2722	1319	1230	560	146	61	107	87	94	82	69	18	6	158	40	0	0	101	6800
48212	48578	2012	2013	2722	1319	1230	557	144	60	103	86	93	81	68	18	6	157	40	0	0	100	6786
48578	48943	2013	2014	2722	1319	1230	554	142	60	99	86	93	80	67	18	5	156	40	0	0	99	6771

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
0	1	1880	1880	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
1	1827	1880	1885	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
1827	3653	1885	1890	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
3653	5479	1890	1895	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
5479	7305	1895	1900	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
7305	9131	1900	1905	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
9131	10957	1905	1910	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
10957	12783	1910	1915	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
12783	14609	1915	1920	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
14609	16436	1920	1925	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
16436	18262	1925	1930	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
18262	20088	1930	1935	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
20088	21914	1935	1940	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
21914	23741	1940	1945	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
23741	25567	1945	1950	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.0	1.8	1.4	0.4	0.1	2.0	0.3	0.0	0.0	2.0	24.8
25567	27393	1950	1955	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	25.0
27393	29219	1955	1960	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	25.1
29219	31046	1960	1965	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
31046	32872	1965	1970	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
32872	34698	1970	1975	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
34698	36524	1975	1980	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
36524	37255	1980	1982	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
37255	37985	1982	1984	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
37985	38351	1984	1985	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
38351	38716	1985	1986	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
38716	39446	1986	1988	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
39446	39812	1988	1989	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.8
39812	40177	1989	1990	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.2	0.3	0.0	0.0	2.1	24.8
40177	40542	1990	1991	3.7	1.8	1.7	0.8	0.6	1.4	3.2	1.9	2.1	2.0	1.6	0.4	0.1	2.7	0.6	0.0	0.0	2.7	27.2
40542	40907	1991	1992	3.7	1.8	1.7	0.8	0.6	1.4	3.5	2.0	2.2	2.1	1.8	0.4	0.1	3.0	0.6	0.0	0.0	3.0	28.7
40907	41273	1992	1993	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.1	1.8	0.4	0.1	3.2	0.7	0.0	0.0	3.2	29.5
41273	41638	1993	1994	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.1	3.3	0.7	0.0	0.0	3.3	29.9
41638	42003	1994	1995	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.1	3.4	0.7	0.0	0.0	3.3	30.0
42003	42368	1995	1996	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.2	3.7	0.9	0.0	0.0	3.5	30.8
42368	42734	1996	1997	3.7	1.8	1.7	0.8	0.7	1.4	3.8	2.0	2.2	2.2	2.0	0.4	0.2	3.9	1.0	0.0	0.0	3.8	31.6
42734	43099	1997	1998	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.1	1.1	0.0	0.0	3.9	32.1
43099	43464	1998	1999	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.2	1.1	0.0	0.0	4.0	32.5
43464	43829	1999	2000	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.3	1.1	0.0	0.0	4.0	32.7
43829	44195	2000	2001	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.2	1.1	0.0	0.0	3.9	32.4
44195	44560	2001	2002	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	2.0	0.4	0.2	4.1	1.0	0.0	0.0	3.8	31.7
44560	44925	2002	2003	3.7	1.8	1.7	0.8	0.7	1.4	3.6	2.0	2.2	2.2	1.9	0.4	0.2	3.9	1.0	0.0	0.0	3.6	30.9
44925	45290	2003	2004	3.7	1.8	1.7	0.8	0.7	1.4	3.4	2.0	2.2	2.1	1.8	0.4	0.1	3.7	0.9	0.0	0.0	3.4	30.0
45290	45656	2004	2005	3.7	1.8	1.7	0.8	0.6	1.4	3.2	2.0	2.1	2.0	1.7	0.4	0.1	3.6	0.9	0.0	0.0	3.2	29.3
45656	46021	2005	2006	3.7	1.8	1.7	0.8	0.6	1.4	3.1	2.0	2.1	2.0	1.7	0.4	0.1	3.9	1.0	0.0	0.0	3.4	29.7
46021	46386	2006	2007	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	2.0	1.7	0.4	0.1	3.9	1.0	0.0	0.0	3.4	29.5
46386	46751	2007	2008	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.1	1.9	1.7	0.4	0.1	3.8	1.0	0.0	0.0	3.3	29.0
46751	47117	2008	2009	3.7	1.8	1.7	0.8	0.6	1.4	2.7	1.9	2.1	1.9	1.6	0.4	0.1	3.7	0.9	0.0	0.0	3.1	28.4
47117	47482	2009	2010	3.7	1.8	1.7	0.8	0.6	1.4	2.6	1.9	2.0	1.8	1.5	0.4	0.1	3.5	0.9	0.0	0.0	3.0	27.6
47482	47847	2010	2011	3.7	1.8	1.7	0.8	0.6	1.4	2.5	1.9	2.0	1.8	1.5	0.4	0.1	3.4	0.8	0.0	0.0	2.8	27.0
47847	48212	2011	2012	3.7	1.8	1.7	0.8	0.6	1.3	2.4	1.9	2.0	1.8	1.5	0.4	0.1	3.4	0.9	0.0	0.0	2.8	26.8
48212	48578	2012	2013	3.7	1.8	1.7	0.8	0.6	1.3	2.3	1.8	2.0	1.7	1.4	0.4	0.1	3.4	0.9	0.0	0.0	2.8	26.6
48578	48943	2013	2014	3.7	1.8	1.7	0.7	0.5	1.3	2.2	1.8	2.0	1.7	1.4	0.4	0.1	3.3	0.9	0.0	0.0	2.8	26.4

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7A model)

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
48943	49308	2014	2015	2721	1309	991	78	10	45	4	76	86	67	52	16	3	53	0	0	0	33	5544
49308	49673	2015	2016	2721	1309	988	73	9	43	0	68	77	48	28	14	0	1	0	0	0	0	5380
49673	50039	2016	2017	2721	1308	988	72	9	42	0	65	72	40	19	12	0	0	0	0	0	0	5347
50039	50404	2017	2018	2721	1308	988	71	9	41	0	64	70	38	17	11	0	0	0	0	0	0	5337
50404	50769	2018	2019	2721	1308	987	70	9	41	0	63	68	37	17	10	0	0	0	0	0	0	5331
50769	51134	2019	2020	2721	1308	987	69	9	41	0	62	68	36	16	10	0	0	0	0	0	0	5327
51134	51500	2020	2021	2721	1308	987	69	8	40	0	62	67	36	16	9	0	0	0	0	0	0	5323
51500	51865	2021	2022	2720	1308	987	69	8	40	0	62	67	36	15	9	0	0	0	0	0	0	5321
51865	52230	2022	2023	2720	1308	987	68	8	40	0	62	66	35	15	9	0	0	0	0	0	0	5319
52230	52595	2023	2024	2720	1308	987	68	8	40	0	61	66	35	15	9	0	0	0	0	0	0	5318
52595	52961	2024	2025	2720	1308	986	68	8	40	0	61	66	35	15	9	0	0	0	0	0	0	5317
52961	53326	2025	2026	2720	1308	986	68	8	40	0	61	66	35	15	9	0	0	0	0	0	0	5317
53326	53691	2026	2027	2720	1308	986	68	8	40	0	61	66	35	15	9	0	0	0	0	0	0	5317
53691	54056	2027	2028	2720	1308	986	68	8	40	0	61	66	35	15	9	0	0	0	0	0	0	5317
54056	54422	2028	2029	2720	1308	986	68	8	40	0	62	66	35	15	9	0	0	0	0	0	0	5318
54422	54787	2029	2030	2720	1308	986	68	8	40	0	62	66	36	15	9	0	0	0	0	0	0	5318
54787	55152	2030	2031	2720	1308	986	68	8	40	0	62	67	36	16	9	0	0	0	0	0	0	5319
55152	55517	2031	2032	2720	1308	986	68	8	40	0	62	67	36	16	10	0	0	0	0	0	0	5321
55517	55883	2032	2033	2720	1308	987	68	8	40	0	62	67	36	16	10	0	0	0	0	0	0	5322
55883	56248	2033	2034	2720	1308	987	68	8	40	0	62	67	36	16	10	0	0	0	0	0	0	5323
56248	56613	2034	2035	2720	1308	987	69	8	40	0	62	67	36	16	10	0	0	0	0	0	0	5325
56613	56978	2035	2036	2721	1308	987	69	8	41	0	62	68	37	16	10	0	0	0	0	0	0	5326
56978	57344	2036	2037	2721	1308	987	69	9	41	0	63	68	37	17	10	0	0	0	0	0	0	5330
57344	57709	2037	2038	2721	1308	987	69	9	41	0	63	69	37	17	11	0	0	0	0	0	0	5332
57709	58074	2038	2039	2721	1308	987	70	9	41	0	64	69	38	17	11	0	0	0	0	0	0	5334
58074	58439	2039	2040	2721	1308	987	70	9	41	0	64	69	38	17	11	0	0	0	0	0	0	5335
58439	58805	2040	2041	2721	1308	987	70	9	41	0	64	70	38	18	11	0	0	0	0	0	0	5337
58805	59170	2041	2042	2721	1308	988	71	9	41	0	64	70	38	18	11	0	0	0	0	0	0	5339
59170	59535	2042	2043	2721	1308	988	71	9	41	0	64	70	39	18	12	0	0	0	0	0	0	5341
59535	59900	2043	2044	2721	1308	988	71	9	42	0	65	70	39	18	12	0	0	0	0	0	0	5343
59900	60266	2044	2045	2721	1308	988	72	9	42	0	65	71	39	18	12	0	0	0	0	0	0	5344
60266	60631	2045	2046	2721	1308	988	72	9	42	0	65	71	39	19	12	0	0	0	0	0	0	5346
60631	60996	2046	2047	2721	1308	988	72	9	42	0	65	71	40	19	12	0	0	0	0	0	0	5348
60996	61361	2047	2048	2721	1309	988	73	9	42	0	65	71	40	19	13	0	0	0	0	0	0	5349
61361	61727	2048	2049	2721	1309	988	73	9	42	0	65	72	40	19	13	0	0	0	0	0	0	5351
61727	62092	2049	2050	2721	1309	988	73	9	42	0	66	72	40	19	13	0	0	0	0	0	0	5353
62092	62457	2050	2051	2722	1309	989	73	9	42	0	66	72	41	20	13	0	0	0	0	0	0	5355
62457	62822	2051	2052	2722	1309	989	74	9	42	0	66	72	41	20	13	0	0	0	0	0	0	5356
62822	63188	2052	2053	2722	1309	989	74	9	42	0	66	73	41	20	13	0	0	0	0	0	0	5358
63188	63553	2053	2054	2722	1309	989	74	9	42	0	66	73	42	20	14	0	0	0	0	0	0	5360
63553	63918	2054	2055	2722	1309	989	75	9	43	0	66	73	42	21	14	0	0	0	0	0	1	5363
63918	64283	2055	2056	2722	1309	989	75	9	43	0	67	74	42	21	14	0	2	0	0	0	1	5367
64283	64649	2056	2057	2722	1309	989	75	9	43	0	67	74	42	22	14	1	4	0	0	0	2	5373
64649	65014	2057	2058	2722	1309	989	75	9	43	0	67	74	43	23	14	1	7	0	0	0	3	5379
65014	65379	2058	2059	2722	1309	989	76	9	43	0	67	74	43	24	15	1	9	0	0	0	5	5386
65379	65744	2059	2060	2722	1309	989	76	9	43	0	67	75	43	24	15	1	13	0	0	0	6	5393
65744	66110	2060	2061	2722	1309	989	76	9	43	0	67	75	44	25	15	1	16	0	0	0	7	5401
66110	66475	2061	2062	2722	1309	990	76	9	43	0	68	75	44	26	15	1	20	0	0	0	9	5408
66475	66840	2062	2063	2722	1309	990	77	9	43	0	68	76	45	27	15	1	24	0	0	0	10	5416
66840	67205	2063	2064	2722	1309	990	77	9	43	0	68	76	45	28	15	1	27	0	0	0	12	5423
67205	67571	2064	2065	2722	1309	990	77	9	43	0	68	76	45	28	15	2	31	0	0	0	13	5431

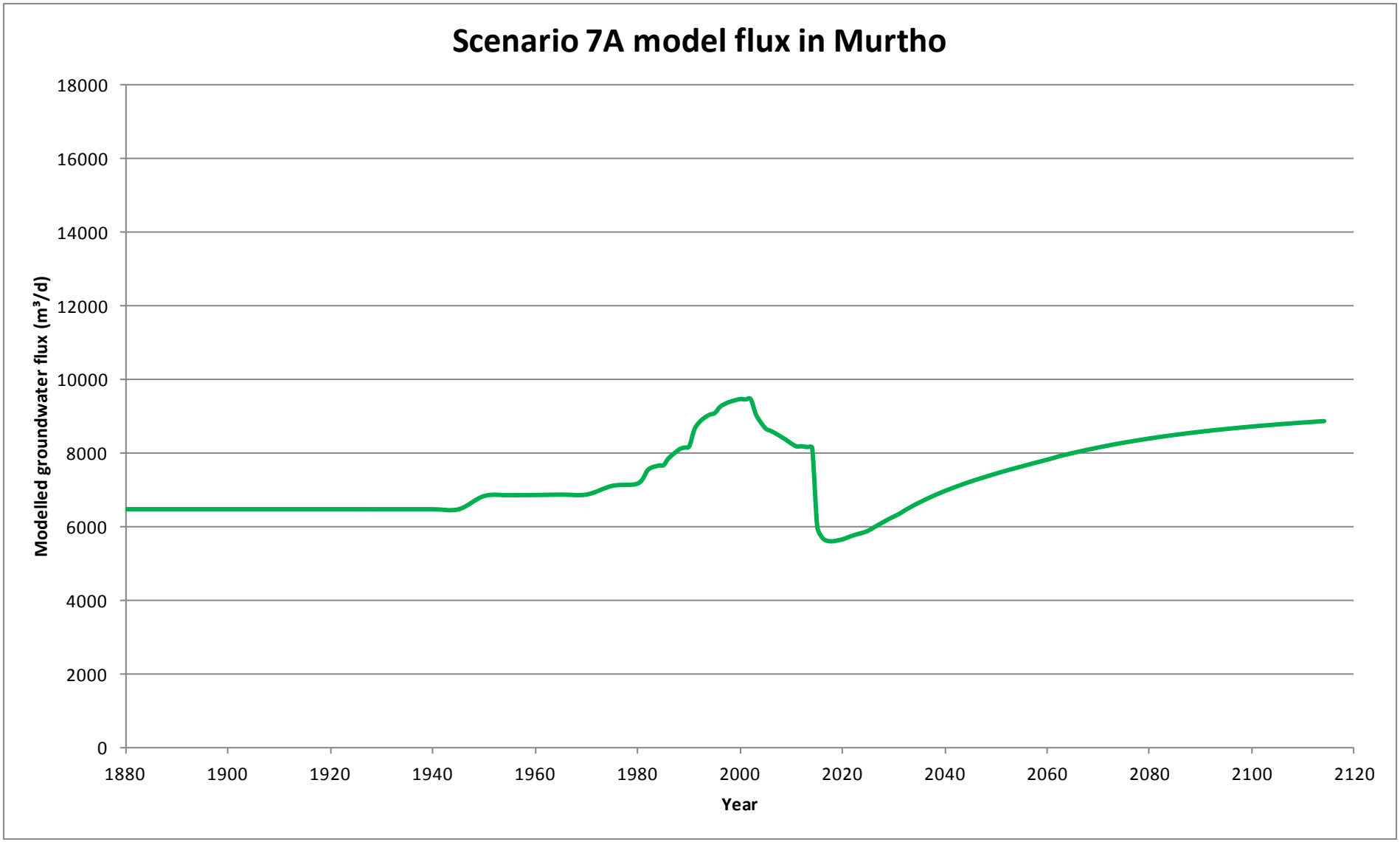
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
48943	49308	2014	2015	3.7	1.8	1.3	0.1	0.0	1.0	0.1	1.6	1.8	1.4	1.1	0.4	0.1	1.1	0.0	0.0	0.0	0.9	16.5
49308	49673	2015	2016	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.6	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	12.9
49673	50039	2016	2017	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.9	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	12.3
50039	50404	2017	2018	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	12.1
50404	50769	2018	2019	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.5	0.8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	12.0
50769	51134	2019	2020	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.9
51134	51500	2020	2021	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.9
51500	51865	2021	2022	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
51865	52230	2022	2023	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
52230	52595	2023	2024	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
52595	52961	2024	2025	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
52961	53326	2025	2026	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
53326	53691	2026	2027	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
53691	54056	2027	2028	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
54056	54422	2028	2029	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
54422	54787	2029	2030	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
54787	55152	2030	2031	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
55152	55517	2031	2032	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
55517	55883	2032	2033	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.9
55883	56248	2033	2034	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.9
56248	56613	2034	2035	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.9
56613	56978	2035	2036	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.9
56978	57344	2036	2037	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.5	0.8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	12.0
57344	57709	2037	2038	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	12.0
57709	58074	2038	2039	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	12.1
58074	58439	2039	2040	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	12.1
58439	58805	2040	2041	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	12.1
58805	59170	2041	2042	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	12.1
59170	59535	2042	2043	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	12.2
59535	59900	2043	2044	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.8	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	12.2
59900	60266	2044	2045	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.8	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	12.2
60266	60631	2045	2046	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.8	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	12.2
60631	60996	2046	2047	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.8	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	12.3
60996	61361	2047	2048	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.9	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	12.3
61361	61727	2048	2049	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.9	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	12.3
61727	62092	2049	2050	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.9	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	12.3
62092	62457	2050	2051	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.9	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	12.4
62457	62822	2051	2052	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.9	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	12.4
62822	63188	2052	2053	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.6	0.9	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	12.4
63188	63553	2053	2054	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.6	0.9	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	12.5
63553	63918	2054	2055	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.6	0.9	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	12.5
63918	64283	2055	2056	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.6	0.9	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	12.6
64283	64649	2056	2057	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.6	0.9	0.5	0.3	0.0	0.1	0.0	0.0	0.0	0.1	12.7
64649	65014	2057	2058	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.4	1.6	0.9	0.5	0.3	0.0	0.1	0.0	0.0	0.0	0.1	12.8
65014	65379	2058	2059	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.4	1.6	0.9	0.5	0.3	0.0	0.2	0.0	0.0	0.0	0.1	13.0
65379	65744	2059	2060	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.4	1.6	0.9	0.5	0.3	0.0	0.3	0.0	0.0	0.0	0.2	13.1
65744	66110	2060	2061	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.4	1.6	0.9	0.5	0.3	0.0	0.4	0.0	0.0	0.0	0.2	13.3
66110	66475	2061	2062	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.4	1.6	0.9	0.6	0.3	0.0	0.4	0.0	0.0	0.0	0.2	13.5
66475	66840	2062	2063	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.4	1.6	1.0	0.6	0.3	0.0	0.5	0.0	0.0	0.0	0.3	13.6
66840	67205	2063	2064	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.6	1.0	0.6	0.3	0.0	0.6	0.0	0.0	0.0	0.3	13.8
67205	67571	2064	2065	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.6	1.0	0.6	0.3	0.0	0.7	0.0	0.0	0.0	0.4	13.9

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7A model)

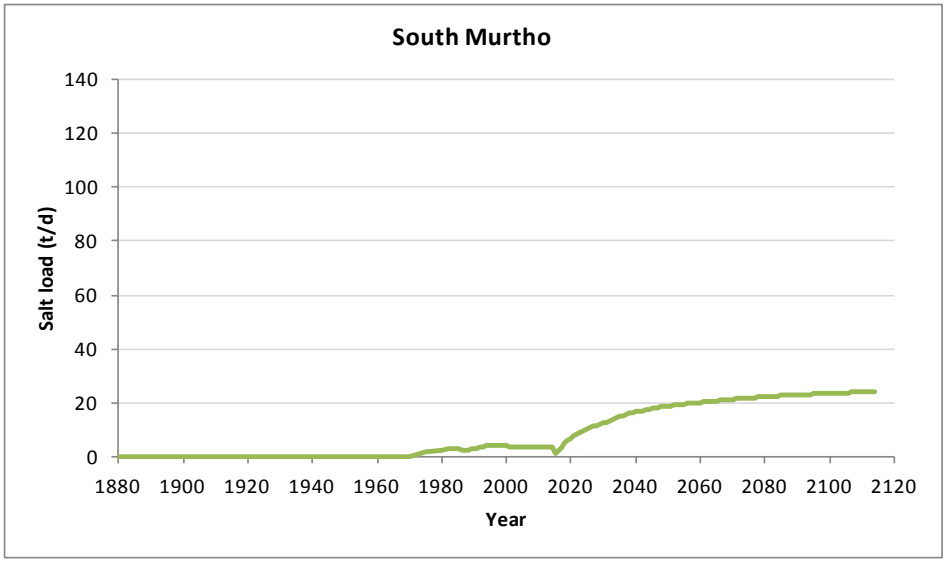
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
67571	67936	2065	2066	2722	1309	990	77	10	43	0	68	76	46	29	16	2	34	1	0	0	15	5438
67936	68301	2066	2067	2722	1309	990	78	10	43	0	68	77	46	30	16	2	38	1	0	0	16	5446
68301	68666	2067	2068	2722	1310	990	78	10	44	0	69	77	47	30	16	2	41	2	0	0	17	5453
68666	69032	2068	2069	2723	1310	990	78	10	44	0	69	77	47	31	16	2	44	2	0	0	19	5461
69032	69397	2069	2070	2723	1310	990	78	10	44	0	69	77	48	32	16	2	47	3	0	0	20	5468
69397	69762	2070	2071	2723	1310	990	79	10	44	0	69	77	48	32	16	2	50	3	0	0	22	5475
69762	70127	2071	2072	2723	1310	990	79	10	44	0	69	78	48	33	16	2	53	4	0	0	23	5482
70127	70493	2072	2073	2723	1310	991	79	10	44	0	69	78	49	33	16	2	56	5	0	0	25	5489
70493	70858	2073	2074	2723	1310	991	80	10	44	0	69	78	49	34	17	2	58	5	0	0	26	5496
70858	71223	2074	2075	2723	1310	991	80	10	44	0	70	78	50	35	17	3	61	6	0	0	27	5502
71223	71588	2075	2076	2723	1310	991	80	10	44	0	70	78	50	35	17	3	64	6	0	0	29	5509
71588	71954	2076	2077	2723	1310	991	80	10	44	0	70	79	50	36	17	3	66	7	0	0	30	5515
71954	72319	2077	2078	2723	1310	991	81	10	44	0	70	79	51	36	17	3	69	8	0	0	31	5521
72319	72684	2078	2079	2723	1310	991	81	10	44	0	70	79	51	37	17	3	71	8	0	0	32	5527
72684	73049	2079	2080	2723	1310	991	81	10	44	0	70	79	52	37	17	3	73	9	0	0	34	5533
73049	73415	2080	2081	2723	1310	991	82	10	44	0	70	79	52	38	17	3	76	9	0	0	35	5539
73415	73780	2081	2082	2723	1310	991	82	10	44	0	70	80	52	38	17	3	78	10	0	0	36	5544
73780	74145	2082	2083	2723	1310	991	82	10	44	0	71	80	53	38	17	3	80	10	0	0	37	5550
74145	74510	2083	2084	2723	1310	991	82	10	44	0	71	80	53	39	18	3	82	11	0	0	38	5555
74510	74876	2084	2085	2723	1310	991	83	10	44	0	71	80	53	39	18	3	84	11	0	0	39	5560
74876	75241	2085	2086	2723	1310	991	83	10	44	0	71	80	54	40	18	3	86	12	0	0	40	5565
75241	75606	2086	2087	2723	1310	991	83	10	44	0	71	80	54	40	18	3	88	12	0	0	41	5570
75606	75971	2087	2088	2723	1310	992	83	10	45	0	71	80	54	41	18	4	90	13	0	0	42	5575
75971	76337	2088	2089	2723	1310	992	84	10	45	0	71	81	54	41	18	4	91	13	0	0	43	5580
76337	76702	2089	2090	2723	1310	992	84	10	45	0	71	81	55	41	18	4	93	14	0	0	44	5584
76702	77067	2090	2091	2723	1310	992	84	10	45	0	71	81	55	42	18	4	95	14	0	0	45	5589
77067	77432	2091	2092	2723	1310	992	84	10	45	0	71	81	55	42	18	4	97	15	0	0	46	5593
77432	77798	2092	2093	2723	1310	992	84	10	45	0	72	81	55	42	18	4	98	15	0	0	47	5598
77798	78163	2093	2094	2723	1310	992	85	10	45	0	72	81	56	43	18	4	100	16	0	0	48	5602
78163	78528	2094	2095	2723	1310	992	85	10	45	0	72	81	56	43	18	4	101	16	0	0	49	5606
78528	78893	2095	2096	2723	1310	992	85	10	45	0	72	81	56	43	18	4	103	17	0	0	50	5610
78893	79259	2096	2097	2723	1310	992	85	10	45	0	72	82	56	44	18	4	104	17	0	0	51	5614
79259	79624	2097	2098	2723	1310	992	85	10	45	0	72	82	57	44	19	4	106	17	0	0	51	5618
79624	79989	2098	2099	2724	1310	992	86	10	45	0	72	82	57	44	19	4	107	18	0	0	52	5621
79989	80354	2099	2100	2724	1310	992	86	10	45	0	72	82	57	45	19	4	108	18	0	0	53	5625
80354	80719	2100	2101	2724	1310	992	86	10	45	0	72	82	57	45	19	4	110	18	0	0	54	5629
80719	81084	2101	2102	2724	1310	992	86	10	45	0	72	82	57	45	19	4	111	19	0	0	55	5632
81084	81449	2102	2103	2724	1311	992	86	10	45	0	72	82	58	45	19	4	112	19	0	0	55	5635
81449	81814	2103	2104	2724	1311	992	87	10	45	0	73	82	58	46	19	4	113	19	0	0	56	5639
81814	82180	2104	2105	2724	1311	992	87	10	45	0	73	82	58	46	19	4	115	20	0	0	57	5642
82180	82545	2105	2106	2724	1311	992	87	10	45	0	73	82	58	46	19	5	116	20	0	0	57	5645
82545	82910	2106	2107	2724	1311	993	87	10	45	0	73	83	58	46	19	5	117	20	0	0	58	5648
82910	83275	2107	2108	2724	1311	993	87	10	45	0	73	83	59	47	19	5	118	21	0	0	59	5651
83275	83641	2108	2109	2724	1311	993	87	10	45	0	73	83	59	47	19	5	119	21	0	0	59	5654
83641	84006	2109	2110	2724	1311	993	87	10	45	0	73	83	59	47	19	5	120	21	0	0	60	5657
84006	84371	2110	2111	2724	1311	993	88	10	45	0	73	83	59	47	19	5	121	21	0	0	61	5660
84371	84736	2111	2112	2724	1311	993	88	10	45	0	73	83	59	47	19	5	122	22	0	0	61	5663
84736	85102	2112	2113	2724	1311	993	88	10	45	0	73	83	59	48	19	5	123	22	0	0	62	5665
85102	85467	2113	2114	2724	1311	993	88	10	45	0	73	83	59	48	19	5	124	22	0	0	62	5668

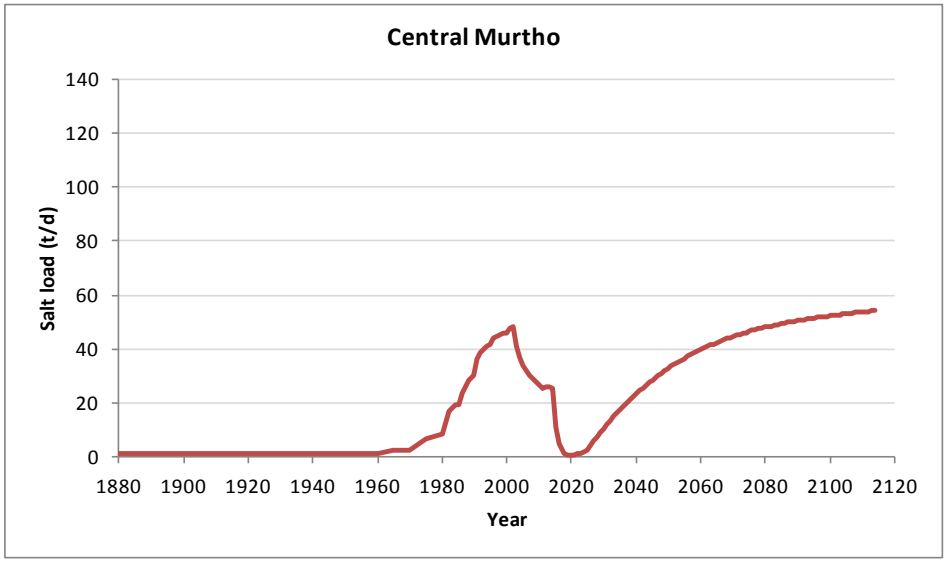
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
67571	67936	2065	2066	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.6	1.0	0.6	0.3	0.0	0.7	0.0	0.0	0.0	0.4	14.1
67936	68301	2066	2067	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.6	1.0	0.6	0.3	0.0	0.8	0.0	0.0	0.0	0.4	14.3
68301	68666	2067	2068	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.6	1.0	0.6	0.3	0.0	0.9	0.0	0.0	0.0	0.5	14.4
68666	69032	2068	2069	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.6	1.0	0.7	0.3	0.0	0.9	0.0	0.0	0.0	0.5	14.6
69032	69397	2069	2070	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.0	0.7	0.3	0.0	1.0	0.1	0.0	0.0	0.6	14.7
69397	69762	2070	2071	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.0	0.7	0.3	0.0	1.1	0.1	0.0	0.0	0.6	14.9
69762	70127	2071	2072	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.0	0.7	0.3	0.0	1.1	0.1	0.0	0.0	0.7	15.0
70127	70493	2072	2073	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.0	0.7	0.4	0.1	1.2	0.1	0.0	0.0	0.7	15.2
70493	70858	2073	2074	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.1	0.7	0.4	0.1	1.2	0.1	0.0	0.0	0.7	15.3
70858	71223	2074	2075	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.1	0.7	0.4	0.1	1.3	0.1	0.0	0.0	0.8	15.5
71223	71588	2075	2076	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.1	0.7	0.4	0.1	1.4	0.1	0.0	0.0	0.8	15.6
71588	71954	2076	2077	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.1	0.8	0.4	0.1	1.4	0.1	0.0	0.0	0.8	15.7
71954	72319	2077	2078	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.1	0.8	0.4	0.1	1.5	0.2	0.0	0.0	0.9	15.9
72319	72684	2078	2079	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.1	0.8	0.4	0.1	1.5	0.2	0.0	0.0	0.9	16.0
72684	73049	2079	2080	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.1	0.8	0.4	0.1	1.6	0.2	0.0	0.0	0.9	16.1
73049	73415	2080	2081	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.1	0.8	0.4	0.1	1.6	0.2	0.0	0.0	1.0	16.2
73415	73780	2081	2082	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.1	0.8	0.4	0.1	1.7	0.2	0.0	0.0	1.0	16.4
73780	74145	2082	2083	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.1	0.8	0.4	0.1	1.7	0.2	0.0	0.0	1.0	16.5
74145	74510	2083	2084	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.1	0.8	0.4	0.1	1.7	0.2	0.0	0.0	1.1	16.6
74510	74876	2084	2085	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.1	0.8	0.4	0.1	1.8	0.2	0.0	0.0	1.1	16.7
74876	75241	2085	2086	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.1	0.8	0.4	0.1	1.8	0.3	0.0	0.0	1.1	16.8
75241	75606	2086	2087	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.1	0.9	0.4	0.1	1.9	0.3	0.0	0.0	1.2	16.9
75606	75971	2087	2088	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.2	0.9	0.4	0.1	1.9	0.3	0.0	0.0	1.2	17.0
75971	76337	2088	2089	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.2	0.9	0.4	0.1	2.0	0.3	0.0	0.0	1.2	17.1
76337	76702	2089	2090	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.2	0.9	0.4	0.1	2.0	0.3	0.0	0.0	1.2	17.2
76702	77067	2090	2091	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.2	0.9	0.4	0.1	2.0	0.3	0.0	0.0	1.3	17.3
77067	77432	2091	2092	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.2	0.9	0.4	0.1	2.1	0.3	0.0	0.0	1.3	17.4
77432	77798	2092	2093	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.2	0.9	0.4	0.1	2.1	0.3	0.0	0.0	1.3	17.5
77798	78163	2093	2094	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.2	0.9	0.4	0.1	2.1	0.3	0.0	0.0	1.3	17.6
78163	78528	2094	2095	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.2	0.9	0.4	0.1	2.2	0.3	0.0	0.0	1.4	17.7
78528	78893	2095	2096	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.2	0.9	0.4	0.1	2.2	0.4	0.0	0.0	1.4	17.8
78893	79259	2096	2097	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.2	0.9	0.4	0.1	2.2	0.4	0.0	0.0	1.4	17.8
79259	79624	2097	2098	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.2	0.9	0.4	0.1	2.3	0.4	0.0	0.0	1.4	17.9
79624	79989	2098	2099	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.2	0.9	0.4	0.1	2.3	0.4	0.0	0.0	1.5	18.0
79989	80354	2099	2100	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.2	1.0	0.4	0.1	2.3	0.4	0.0	0.0	1.5	18.1
80354	80719	2100	2101	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.8	1.2	1.0	0.4	0.1	2.3	0.4	0.0	0.0	1.5	18.2
80719	81084	2101	2102	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.8	1.2	1.0	0.4	0.1	2.4	0.4	0.0	0.0	1.5	18.2
81084	81449	2102	2103	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.8	1.2	1.0	0.4	0.1	2.4	0.4	0.0	0.0	1.5	18.3
81449	81814	2103	2104	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.8	1.2	1.0	0.4	0.1	2.4	0.4	0.0	0.0	1.6	18.4
81814	82180	2104	2105	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.6	1.8	1.2	1.0	0.4	0.1	2.4	0.4	0.0	0.0	1.6	18.4
82180	82545	2105	2106	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.6	1.8	1.2	1.0	0.4	0.1	2.5	0.4	0.0	0.0	1.6	18.5
82545	82910	2106	2107	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.6	1.8	1.2	1.0	0.4	0.1	2.5	0.4	0.0	0.0	1.6	18.6
82910	83275	2107	2108	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.6	1.8	1.2	1.0	0.4	0.1	2.5	0.4	0.0	0.0	1.6	18.6
83275	83641	2108	2109	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.6	1.8	1.3	1.0	0.4	0.1	2.5	0.4	0.0	0.0	1.7	18.7
83641	84006	2109	2110	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.6	1.8	1.3	1.0	0.4	0.1	2.6	0.5	0.0	0.0	1.7	18.8
84006	84371	2110	2111	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.6	1.8	1.3	1.0	0.4	0.1	2.6	0.5	0.0	0.0	1.7	18.8
84371	84736	2111	2112	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.6	1.8	1.3	1.0	0.4	0.1	2.6	0.5	0.0	0.0	1.7	18.9
84736	85102	2112	2113	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.6	1.8	1.3	1.0	0.4	0.1	2.6	0.5	0.0	0.0	1.7	18.9
85102	85467	2113	2114	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.6	1.8	1.3	1.0	0.4	0.1	2.7	0.5	0.0	0.0	1.7	19.0

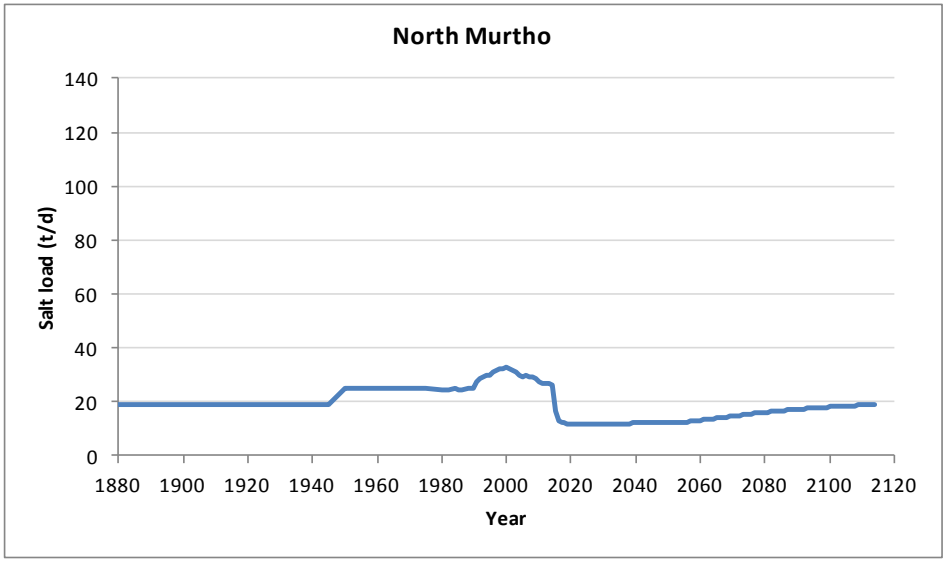
B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7A model)



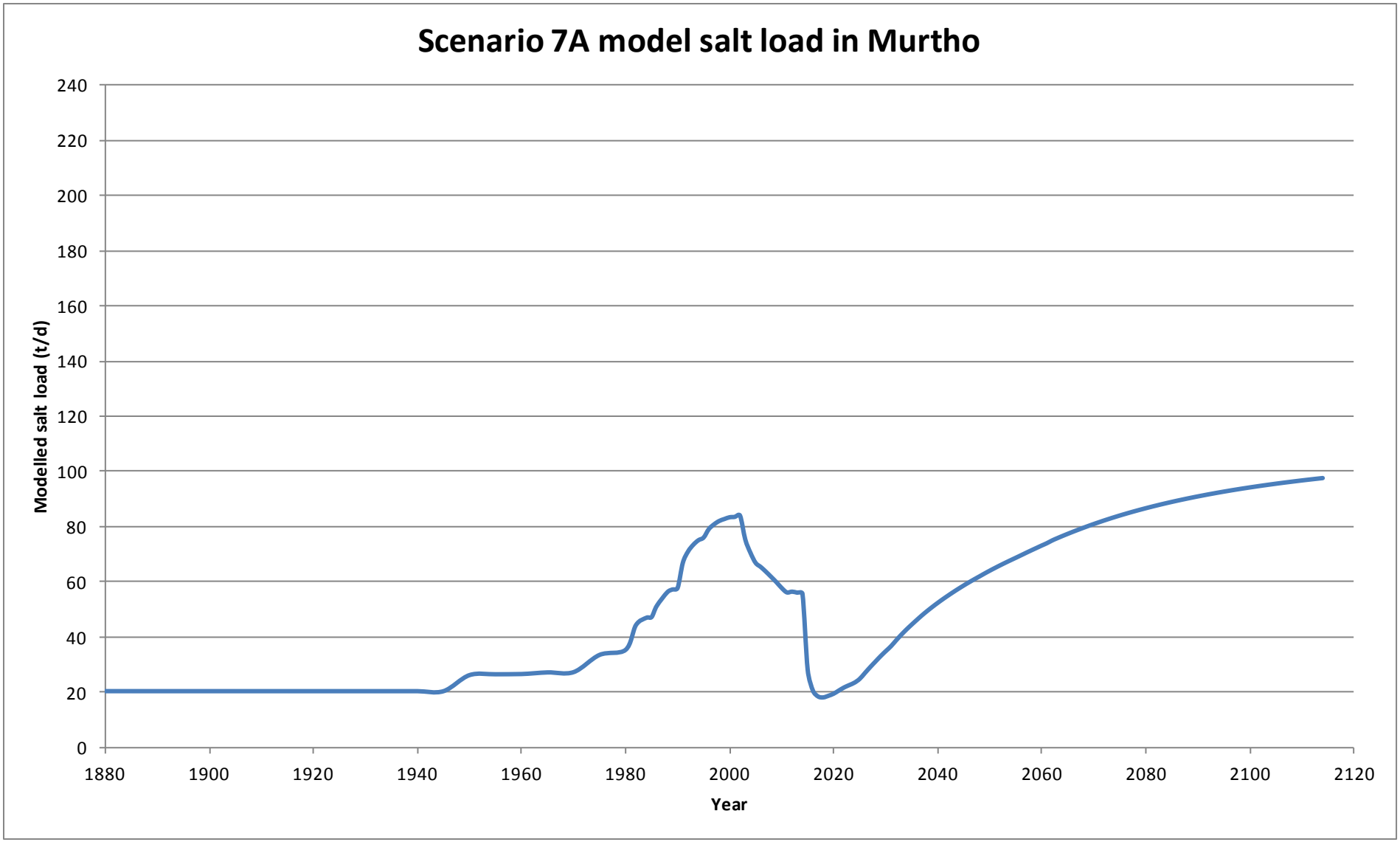
B-3. Graph of modelled groundwater flux (m³/d) entering the River Murray in Murtho (S7A model)







B-3. Graph of modelled salt load (t/d) entering the River Murray in Murtho (S7A model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Murtho (S7A model)

Scenario 7B

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
0	1	1880	1880	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
1	1827	1880	1885	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
1827	3653	1885	1890	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
3653	5479	1890	1895	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
5479	7305	1895	1900	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
7305	9131	1900	1905	27	16	14	5	4	0	1	6	19	2	12	13	30	31	12	0	0	192
9131	10957	1905	1910	27	16	14	6	4	1	2	10	24	2	13	15	32	33	13	0	0	212
10957	12783	1910	1915	27	16	14	7	4	1	3	12	25	2	14	15	33	33	13	0	0	218
12783	14609	1915	1920	27	16	15	7	5	1	3	12	25	2	14	15	33	33	13	0	0	221
14609	16436	1920	1925	27	16	15	7	5	1	4	13	25	2	14	15	33	33	13	0	0	223
16436	18262	1925	1930	27	16	15	7	5	1	4	13	25	2	14	15	33	33	13	0	0	224
18262	20088	1930	1935	27	16	15	8	5	1	4	13	25	2	14	15	33	33	13	0	0	224
20088	21914	1935	1940	30	43	244	157	20	8	13	14	26	2	14	15	33	33	13	0	16	682
21914	23741	1940	1945	31	50	263	173	24	10	18	15	26	2	14	15	34	33	13	0	20	741
23741	25567	1945	1950	32	54	281	271	63	47	109	46	28	2	15	16	34	33	13	0	23	1068
25567	27393	1950	1955	32	54	267	265	64	48	115	55	29	3	15	16	35	34	14	0	22	1068
27393	29219	1955	1960	115	75	269	267	70	59	229	245	86	3	20	26	46	33	13	0	61	1615
29219	31046	1960	1965	136	117	309	266	68	57	219	238	85	3	21	26	47	33	14	0	99	1737
31046	32872	1965	1970	144	126	316	259	65	53	190	195	71	3	19	23	41	30	12	0	106	1654
32872	34698	1970	1975	143	128	315	251	62	50	170	169	63	3	19	22	39	29	12	0	106	1580
34698	36524	1975	1980	146	130	317	259	65	52	195	248	72	3	19	23	38	26	11	0	107	1710
36524	37255	1980	1982	148	136	324	261	66	53	199	253	72	3	19	23	38	26	10	0	113	1744
37255	37985	1982	1984	153	148	337	262	66	54	200	251	72	3	19	23	37	24	10	0	123	1782
37985	38351	1984	1985	155	153	341	262	66	54	199	247	71	3	19	22	36	24	9	0	128	1790
38351	38716	1985	1986	158	157	346	263	67	54	198	245	70	3	19	22	36	23	9	0	131	1801
38716	39446	1986	1988	161	164	351	264	68	55	209	268	77	3	20	23	37	22	9	0	137	1868
39446	39812	1988	1989	163	168	352	265	69	56	217	285	81	3	20	24	37	22	9	0	140	1912
39812	40177	1989	1990	165	171	353	265	69	57	223	296	84	3	21	24	38	21	9	0	142	1943
40177	40542	1990	1991	167	173	352	265	70	58	227	302	85	3	21	25	37	20	8	0	144	1957
40542	40907	1991	1992	166	173	349	264	70	58	221	292	82	3	21	24	37	20	8	0	143	1932
40907	41273	1992	1993	164	174	347	263	70	57	215	280	79	3	21	24	36	19	8	0	143	1902
41273	41638	1993	1994	162	174	345	261	70	57	208	267	75	3	20	23	35	19	8	0	142	1868
41638	42003	1994	1995	160	173	340	258	69	56	203	256	72	3	20	23	34	19	8	0	139	1832
42003	42368	1995	1996	158	172	335	256	69	56	199	247	69	3	20	22	33	19	7	0	138	1801
42368	42734	1996	1997	156	170	330	253	68	55	194	236	67	3	20	22	32	18	7	0	136	1768
42734	43099	1997	1998	152	169	325	250	68	54	187	223	63	3	19	21	32	18	7	0	134	1727
43099	43464	1998	1999	149	168	320	247	67	53	180	209	60	3	19	21	31	18	7	0	131	1683
43464	43829	1999	2000	144	166	315	244	66	52	172	194	56	3	19	20	30	18	7	0	129	1636
43829	44195	2000	2001	139	165	310	240	65	51	162	177	51	3	18	19	29	17	7	0	125	1578
44195	44560	2001	2002	135	163	304	235	63	49	155	165	48	3	18	18	27	17	7	0	122	1529
44560	44925	2002	2003	131	161	298	229	62	48	149	158	45	3	17	18	26	16	6	0	120	1486
44925	45290	2003	2004	128	158	291	224	61	46	144	152	44	3	17	17	25	15	6	0	117	1449
45290	45656	2004	2005	126	156	284	219	59	45	140	148	42	3	17	17	24	14	5	0	114	1414
45656	46021	2005	2006	123	153	277	214	58	44	136	144	41	3	17	17	23	14	5	0	112	1382
46021	46386	2006	2007	121	150	269	209	57	43	133	141	40	3	17	16	23	12	5	0	109	1348
46386	46751	2007	2008	119	148	261	203	56	42	130	138	39	3	16	16	22	12	4	0	106	1316
46751	47117	2008	2009	118	145	253	198	55	41	128	136	38	3	16	16	21	11	4	0	103	1285
47117	47482	2009	2010	116	142	245	194	54	41	126	134	37	3	16	15	20	10	4	0	101	1258
47482	47847	2010	2011	114	139	236	189	54	40	125	133	37	3	16	15	20	10	4	0	98	1233
47847	48212	2011	2012	113	136	228	185	53	40	124	132	36	3	16	15	20	10	4	0	95	1210
48212	48578	2012	2013	95	133	221	180	53	39	123	131	36	3	16	15	20	10	4	0	86	1164
48578	48943	2013	2014	80	129	213	176	52	39	123	130	36	3	16	15	20	10	4	0	78	1124

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
0	1	1880	1880	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
1	1827	1880	1885	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
1827	3653	1885	1890	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
3653	5479	1890	1895	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
5479	7305	1895	1900	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
7305	9131	1900	1905	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.7
9131	10957	1905	1910	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.8
10957	12783	1910	1915	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
12783	14609	1915	1920	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
14609	16436	1920	1925	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
16436	18262	1925	1930	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
18262	20088	1930	1935	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
20088	21914	1935	1940	0.5	0.7	3.8	0.9	0.1	0.0	0.1	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	7.2
21914	23741	1940	1945	0.5	0.8	4.1	1.0	0.1	0.1	0.1	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	7.9
23741	25567	1945	1950	0.5	0.9	4.4	1.6	0.4	0.3	0.7	0.3	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	10.0
25567	27393	1950	1955	0.5	0.9	4.2	1.6	0.4	0.3	0.7	0.3	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	9.9
27393	29219	1955	1960	1.8	1.3	4.2	1.6	0.4	0.4	1.4	1.5	0.5	0.0	0.1	0.2	0.3	0.2	0.1	0.0	0.4	14.2
29219	31046	1960	1965	2.1	2.0	4.9	1.6	0.4	0.3	1.3	1.4	0.5	0.0	0.1	0.2	0.3	0.2	0.1	0.0	0.6	16.1
31046	32872	1965	1970	2.3	2.2	5.0	1.6	0.4	0.3	1.1	1.2	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	15.8
32872	34698	1970	1975	2.2	2.2	4.9	1.5	0.4	0.3	1.0	1.0	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	15.4
34698	36524	1975	1980	2.3	2.2	5.0	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	16.2
36524	37255	1980	1982	2.3	2.3	5.1	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	16.6
37255	37985	1982	1984	2.4	2.5	5.3	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.1
37985	38351	1984	1985	2.4	2.6	5.4	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.3
38351	38716	1985	1986	2.5	2.7	5.4	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.5
38716	39446	1986	1988	2.5	2.8	5.5	1.6	0.4	0.3	1.3	1.6	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.0
39446	39812	1988	1989	2.6	2.9	5.5	1.6	0.4	0.3	1.3	1.7	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.4
39812	40177	1989	1990	2.6	2.9	5.5	1.6	0.4	0.3	1.3	1.8	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.6
40177	40542	1990	1991	2.6	2.9	5.5	1.6	0.4	0.3	1.4	1.8	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.7
40542	40907	1991	1992	2.6	3.0	5.5	1.6	0.4	0.3	1.3	1.8	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.5
40907	41273	1992	1993	2.6	3.0	5.5	1.6	0.4	0.3	1.3	1.7	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.3
41273	41638	1993	1994	2.5	3.0	5.4	1.6	0.4	0.3	1.2	1.6	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.1
41638	42003	1994	1995	2.5	3.0	5.3	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	17.8
42003	42368	1995	1996	2.5	2.9	5.3	1.5	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	17.5
42368	42734	1996	1997	2.4	2.9	5.2	1.5	0.4	0.3	1.2	1.4	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	17.2
42734	43099	1997	1998	2.4	2.9	5.1	1.5	0.4	0.3	1.1	1.3	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	16.9
43099	43464	1998	1999	2.3	2.9	5.0	1.5	0.4	0.3	1.1	1.3	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	16.5
43464	43829	1999	2000	2.3	2.8	4.9	1.5	0.4	0.3	1.0	1.2	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	16.1
43829	44195	2000	2001	2.2	2.8	4.9	1.4	0.4	0.3	1.0	1.1	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	15.7
44195	44560	2001	2002	2.1	2.8	4.8	1.4	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	15.3
44560	44925	2002	2003	2.1	2.7	4.7	1.4	0.4	0.3	0.9	0.9	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	14.9
44925	45290	2003	2004	2.0	2.7	4.6	1.3	0.4	0.3	0.9	0.9	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.7	14.5
45290	45656	2004	2005	2.0	2.7	4.5	1.3	0.4	0.3	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.2
45656	46021	2005	2006	1.9	2.6	4.3	1.3	0.3	0.3	0.8	0.9	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.9
46021	46386	2006	2007	1.9	2.6	4.2	1.3	0.3	0.3	0.8	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.6
46386	46751	2007	2008	1.9	2.5	4.1	1.2	0.3	0.3	0.8	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.2
46751	47117	2008	2009	1.8	2.5	4.0	1.2	0.3	0.2	0.8	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.9
47117	47482	2009	2010	1.8	2.4	3.8	1.2	0.3	0.2	0.8	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.6
47482	47847	2010	2011	1.8	2.4	3.7	1.1	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.4
47847	48212	2011	2012	1.8	2.3	3.6	1.1	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.1
48212	48578	2012	2013	1.5	2.3	3.5	1.1	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	11.5
48578	48943	2013	2014	1.3	2.2	3.3	1.1	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	11.0

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S7B model)

				Lyrup																		
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
48943	49308	2014	2015	74	127	209	173	52	39	122	130	36	3	16	15	19	10	4	0	74	1101
49308	49673	2015	2016	71	125	206	171	51	38	121	129	36	3	16	15	19	10	4	0	72	1087
49673	50039	2016	2017	69	123	203	170	51	38	121	129	36	3	16	15	19	10	4	0	70	1076
50039	50404	2017	2018	68	122	201	169	51	38	121	129	36	3	16	15	19	10	4	0	69	1068
50404	50769	2018	2019	67	120	200	168	50	38	120	128	36	3	16	15	19	10	3	0	68	1061
50769	51134	2019	2020	67	119	198	167	50	38	120	128	35	3	16	15	19	10	3	0	67	1055
51134	51500	2020	2021	66	118	197	166	50	37	120	128	35	3	16	15	19	10	3	0	67	1050
51500	51865	2021	2022	66	118	196	165	50	37	120	128	35	3	16	15	19	10	3	0	66	1046
51865	52230	2022	2023	65	117	195	165	50	37	119	128	35	3	16	15	19	10	3	0	65	1042
52230	52595	2023	2024	65	116	194	164	50	37	119	128	35	3	16	15	19	10	3	0	65	1039
52595	52961	2024	2025	64	116	193	164	49	37	119	127	35	3	16	15	19	10	3	0	64	1035
52961	53326	2025	2026	64	115	193	164	49	37	119	127	35	3	15	15	19	10	3	0	64	1033
53326	53691	2026	2027	64	115	192	163	49	37	119	127	35	3	15	15	19	10	3	0	63	1030
53691	54056	2027	2028	64	114	191	163	49	37	119	127	35	3	15	15	19	10	3	0	63	1028
54056	54422	2028	2029	63	114	191	163	49	37	119	127	35	3	15	15	19	10	3	0	63	1026
54422	54787	2029	2030	63	113	190	162	49	37	118	127	35	3	15	15	19	10	3	0	62	1024
54787	55152	2030	2031	63	113	190	162	49	37	118	127	35	3	15	15	19	10	3	0	62	1022
55152	55517	2031	2032	63	113	190	162	49	37	118	127	35	3	15	15	19	10	3	0	62	1021
55517	55883	2032	2033	63	112	189	162	49	37	118	127	35	3	15	15	19	10	3	0	62	1019
55883	56248	2033	2034	63	112	189	162	49	37	118	127	35	3	15	15	19	10	3	0	62	1018
56248	56613	2034	2035	63	112	189	161	49	37	118	127	35	3	15	15	19	10	3	0	61	1017
56613	56978	2035	2036	62	112	188	161	49	37	118	127	35	3	15	15	19	10	3	0	61	1016
56978	57344	2036	2037	62	111	188	161	49	37	118	127	35	3	15	15	19	10	3	0	61	1015
57344	57709	2037	2038	62	111	188	161	49	37	118	127	35	3	15	15	19	10	3	0	61	1014
57709	58074	2038	2039	62	111	188	161	49	37	118	127	35	3	15	15	19	10	3	0	61	1013
58074	58439	2039	2040	62	111	188	161	49	37	118	127	35	3	15	15	19	10	3	0	61	1012
58439	58805	2040	2041	62	111	187	161	49	37	118	127	35	3	15	15	19	10	3	0	61	1011
58805	59170	2041	2042	62	111	187	161	49	37	118	127	35	3	15	15	19	10	3	0	60	1011
59170	59535	2042	2043	62	111	187	161	49	37	118	127	35	3	15	15	19	10	3	0	60	1010
59535	59900	2043	2044	62	110	187	161	49	37	118	127	35	3	15	15	19	10	3	0	60	1010
59900	60266	2044	2045	62	110	187	160	49	37	118	127	35	3	15	15	19	10	3	0	60	1009
60266	60631	2045	2046	62	110	187	160	49	37	118	127	35	3	15	15	19	10	3	0	60	1009
60631	60996	2046	2047	62	110	187	160	49	37	118	127	35	3	15	15	19	10	3	0	60	1008
60996	61361	2047	2048	62	110	187	160	49	37	118	127	35	3	15	15	19	10	3	0	60	1008
61361	61727	2048	2049	62	110	186	160	49	37	118	127	35	3	15	15	19	10	3	0	60	1007
61727	62092	2049	2050	62	110	186	160	49	37	118	126	35	3	15	15	19	10	3	0	60	1007
62092	62457	2050	2051	62	110	186	160	48	37	118	126	35	3	15	15	19	10	3	0	60	1007
62457	62822	2051	2052	61	110	186	160	48	37	118	126	35	3	15	15	19	10	3	0	60	1007
62822	63188	2052	2053	61	110	186	160	48	37	118	126	35	3	15	15	19	10	3	0	60	1006
63188	63553	2053	2054	61	110	186	160	48	37	118	126	35	3	15	15	19	10	3	0	60	1006
63553	63918	2054	2055	61	110	186	160	48	36	118	126	35	3	15	15	19	10	3	0	60	1006
63918	64283	2055	2056	61	110	186	160	48	36	118	126	35	3	15	15	19	10	3	0	60	1006
64283	64649	2056	2057	61	110	186	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1005
64649	65014	2057	2058	61	109	186	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1005
65014	65379	2058	2059	61	109	186	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1005
65379	65744	2059	2060	61	109	186	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1005
65744	66110	2060	2061	61	109	186	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1005
66110	66475	2061	2062	61	109	186	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1005
66475	66840	2062	2063	61	109	186	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1004
66840	67205	2063	2064	61	109	186	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1004
67205	67571	2064	2065	61	109	186	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1004

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
48943	49308	2014	2015	1.2	2.2	3.3	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.8
49308	49673	2015	2016	1.1	2.1	3.2	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	10.6
49673	50039	2016	2017	1.1	2.1	3.2	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	10.5
50039	50404	2017	2018	1.1	2.1	3.2	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	10.4
50404	50769	2018	2019	1.1	2.0	3.1	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	10.3
50769	51134	2019	2020	1.0	2.0	3.1	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	10.2
51134	51500	2020	2021	1.0	2.0	3.1	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	10.2
51500	51865	2021	2022	1.0	2.0	3.1	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	10.1
51865	52230	2022	2023	1.0	2.0	3.1	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	10.1
52230	52595	2023	2024	1.0	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	10.0
52595	52961	2024	2025	1.0	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	10.0
52961	53326	2025	2026	1.0	2.0	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	10.0
53326	53691	2026	2027	1.0	1.9	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.9
53691	54056	2027	2028	1.0	1.9	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.9
54056	54422	2028	2029	1.0	1.9	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.9
54422	54787	2029	2030	1.0	1.9	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.9
54787	55152	2030	2031	1.0	1.9	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.9
55152	55517	2031	2032	1.0	1.9	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.8
55517	55883	2032	2033	1.0	1.9	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.8
55883	56248	2033	2034	1.0	1.9	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.8
56248	56613	2034	2035	1.0	1.9	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.8
56613	56978	2035	2036	1.0	1.9	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.8
56978	57344	2036	2037	1.0	1.9	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.8
57344	57709	2037	2038	1.0	1.9	3.0	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.8
57709	58074	2038	2039	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.7
58074	58439	2039	2040	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.7
58439	58805	2040	2041	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.7
58805	59170	2041	2042	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.7
59170	59535	2042	2043	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.7
59535	59900	2043	2044	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.7
59900	60266	2044	2045	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.7
60266	60631	2045	2046	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.7
60631	60996	2046	2047	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.7
60996	61361	2047	2048	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.7
61361	61727	2048	2049	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.7
61727	62092	2049	2050	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.7
62092	62457	2050	2051	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.7
62457	62822	2051	2052	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.7
62822	63188	2052	2053	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.7
63188	63553	2053	2054	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.7
63553	63918	2054	2055	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.7
63918	64283	2055	2056	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.7
64283	64649	2056	2057	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.7
64649	65014	2057	2058	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.7
65014	65379	2058	2059	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.7
65379	65744	2059	2060	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
65744	66110	2060	2061	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
66110	66475	2061	2062	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
66475	66840	2062	2063	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
66840	67205	2063	2064	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
67205	67571	2064	2065	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S7B model)

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
67571	67936	2065	2066	61	109	186	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1004
67936	68301	2066	2067	61	109	186	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1004
68301	68666	2067	2068	61	109	186	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1004
68666	69032	2068	2069	61	109	186	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1004
69032	69397	2069	2070	61	109	186	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1004
69397	69762	2070	2071	61	109	186	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1004
69762	70127	2071	2072	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1004
70127	70493	2072	2073	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1004
70493	70858	2073	2074	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1004
70858	71223	2074	2075	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1004
71223	71588	2075	2076	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1004
71588	71954	2076	2077	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1004
71954	72319	2077	2078	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1004
72319	72684	2078	2079	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1004
72684	73049	2079	2080	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1004
73049	73415	2080	2081	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
73415	73780	2081	2082	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
73780	74145	2082	2083	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
74145	74510	2083	2084	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
74510	74876	2084	2085	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
74876	75241	2085	2086	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
75241	75606	2086	2087	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
75606	75971	2087	2088	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
75971	76337	2088	2089	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
76337	76702	2089	2090	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
76702	77067	2090	2091	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
77067	77432	2091	2092	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
77432	77798	2092	2093	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
77798	78163	2093	2094	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
78163	78528	2094	2095	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
78528	78893	2095	2096	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
78893	79259	2096	2097	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
79259	79624	2097	2098	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
79624	79989	2098	2099	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
79989	80354	2099	2100	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
80354	80719	2100	2101	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
80719	81084	2101	2102	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
81084	81449	2102	2103	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
81449	81814	2103	2104	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
81814	82180	2104	2105	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
82180	82545	2105	2106	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
82545	82910	2106	2107	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
82910	83275	2107	2108	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
83275	83641	2108	2109	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
83641	84006	2109	2110	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
84006	84371	2110	2111	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
84371	84736	2111	2112	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
84736	85102	2112	2113	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003
85102	85467	2113	2114	61	109	185	160	48	36	118	126	35	3	15	15	19	10	3	0	59	1003

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
67571	67936	2065	2066	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
67936	68301	2066	2067	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
68301	68666	2067	2068	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
68666	69032	2068	2069	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
69032	69397	2069	2070	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
69397	69762	2070	2071	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
69762	70127	2071	2072	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
70127	70493	2072	2073	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
70493	70858	2073	2074	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
70858	71223	2074	2075	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
71223	71588	2075	2076	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
71588	71954	2076	2077	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
71954	72319	2077	2078	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
72319	72684	2078	2079	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
72684	73049	2079	2080	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
73049	73415	2080	2081	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
73415	73780	2081	2082	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
73780	74145	2082	2083	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
74145	74510	2083	2084	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
74510	74876	2084	2085	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
74876	75241	2085	2086	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
75241	75606	2086	2087	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
75606	75971	2087	2088	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
75971	76337	2088	2089	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
76337	76702	2089	2090	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
76702	77067	2090	2091	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
77067	77432	2091	2092	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
77432	77798	2092	2093	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
77798	78163	2093	2094	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
78163	78528	2094	2095	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
78528	78893	2095	2096	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
78893	79259	2096	2097	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
79259	79624	2097	2098	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
79624	79989	2098	2099	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
79989	80354	2099	2100	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
80354	80719	2100	2101	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
80719	81084	2101	2102	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
81084	81449	2102	2103	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
81449	81814	2103	2104	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
81814	82180	2104	2105	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
82180	82545	2105	2106	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
82545	82910	2106	2107	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
82910	83275	2107	2108	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
83275	83641	2108	2109	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
83641	84006	2109	2110	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
84006	84371	2110	2111	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
84371	84736	2111	2112	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
84736	85102	2112	2113	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6
85102	85467	2113	2114	1.0	1.9	2.9	1.0	0.3	0.2	0.7	0.8	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.4	9.6

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S7B model)

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Flux
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)														
0	1	1880	1880	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
1	1827	1880	1885	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
1827	3653	1885	1890	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
3653	5479	1890	1895	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
5479	7305	1895	1900	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
7305	9131	1900	1905	4	37	50	65	45	25	7	4	10	2	33	13	33	159	487
9131	10957	1905	1910	4	37	50	65	45	25	7	4	10	2	33	13	33	159	488
10957	12783	1910	1915	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
12783	14609	1915	1920	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
14609	16436	1920	1925	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
16436	18262	1925	1930	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
18262	20088	1930	1935	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
20088	21914	1935	1940	4	37	50	65	45	25	7	4	10	2	33	13	34	160	490
21914	23741	1940	1945	4	37	50	65	45	25	7	4	11	2	33	14	34	160	492
23741	25567	1945	1950	4	37	50	65	45	26	7	4	11	2	33	14	35	161	495
25567	27393	1950	1955	4	37	50	65	45	26	7	4	11	2	33	14	35	161	497
27393	29219	1955	1960	4	37	50	65	46	26	7	4	12	3	35	16	49	180	534
29219	31046	1960	1965	4	39	51	65	48	28	7	4	13	3	40	17	54	222	596
31046	32872	1965	1970	4	42	52	66	55	41	7	5	14	8	74	25	87	722	1203
32872	34698	1970	1975	5	46	53	66	60	49	7	5	14	11	90	28	101	840	1374
34698	36524	1975	1980	5	48	53	66	62	52	7	5	15	12	95	29	106	892	1447
36524	37255	1980	1982	5	48	53	67	63	53	7	5	15	13	97	30	108	904	1467
37255	37985	1982	1984	5	49	53	67	64	53	7	5	15	13	98	31	110	917	1487
37985	38351	1984	1985	5	50	53	67	64	54	7	5	15	13	98	31	111	919	1492
38351	38716	1985	1986	5	50	53	67	64	54	7	5	15	13	99	31	111	922	1498
38716	39446	1986	1988	5	51	54	67	65	54	7	5	16	14	100	32	113	938	1519
39446	39812	1988	1989	5	51	54	67	65	55	7	5	16	14	100	32	114	944	1529
39812	40177	1989	1990	5	51	54	67	66	55	7	5	16	14	101	32	115	953	1541
40177	40542	1990	1991	5	53	54	67	72	95	7	5	17	35	149	34	118	960	1672
40542	40907	1991	1992	5	54	55	67	77	105	7	5	18	39	160	36	122	973	1723
40907	41273	1992	1993	5	56	55	67	79	108	8	5	18	40	164	36	123	976	1740
41273	41638	1993	1994	5	56	55	67	79	110	8	5	18	41	166	37	124	978	1748
41638	42003	1994	1995	5	57	55	67	80	110	8	5	18	41	166	37	124	969	1742
42003	42368	1995	1996	5	57	55	68	80	110	8	5	18	41	166	37	123	963	1735
42368	42734	1996	1997	5	57	55	68	80	110	8	5	18	41	165	37	122	940	1711
42734	43099	1997	1998	5	57	55	68	80	110	8	5	18	40	164	37	120	914	1681
43099	43464	1998	1999	5	57	55	68	80	109	8	5	18	40	162	36	118	885	1646
43464	43829	1999	2000	5	57	55	68	79	108	8	5	18	40	160	36	115	860	1614
43829	44195	2000	2001	5	57	55	68	78	101	8	5	18	36	151	35	112	833	1562
44195	44560	2001	2002	5	56	55	68	77	99	8	5	18	35	147	34	109	805	1521
44560	44925	2002	2003	5	56	55	68	76	97	8	5	18	35	144	34	107	777	1483
44925	45290	2003	2004	5	56	55	68	76	96	8	5	18	34	142	33	104	752	1450
45290	45656	2004	2005	5	55	55	68	74	90	8	5	18	31	134	32	102	729	1406
45656	46021	2005	2006	5	55	55	67	73	88	8	5	17	31	131	32	99	707	1374
46021	46386	2006	2007	5	54	54	67	73	87	8	5	17	30	129	31	97	691	1349
46386	46751	2007	2008	5	54	54	67	72	86	8	5	17	30	127	31	96	678	1330
46751	47117	2008	2009	5	54	54	67	72	85	8	5	17	29	126	31	94	669	1316
47117	47482	2009	2010	5	53	54	67	71	84	8	5	17	29	125	30	93	661	1304
47482	47847	2010	2011	5	53	54	67	71	84	7	5	17	29	124	30	93	656	1295
47847	48212	2011	2012	5	53	54	67	71	84	7	5	17	29	124	30	92	651	1288
48212	48578	2012	2013	5	53	54	67	70	83	7	5	17	28	117	28	70	327	931
48578	48943	2013	2014	5	52	54	67	69	80	7	5	16	26	105	24	51	277	839

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Salt Load
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)														
0	1	1880	1880	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
1	1827	1880	1885	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
1827	3653	1885	1890	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
3653	5479	1890	1895	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
5479	7305	1895	1900	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
7305	9131	1900	1905	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
9131	10957	1905	1910	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
10957	12783	1910	1915	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
12783	14609	1915	1920	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
14609	16436	1920	1925	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
16436	18262	1925	1930	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
18262	20088	1930	1935	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
20088	21914	1935	1940	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.6	13.2
21914	23741	1940	1945	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.6	13.3
23741	25567	1945	1950	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.7	13.4
25567	27393	1950	1955	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.6	4.7	13.4
27393	29219	1955	1960	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	1.0	0.4	0.8	5.2	14.3
29219	31046	1960	1965	0.1	1.1	1.4	1.8	1.3	0.8	0.2	0.1	0.3	0.1	1.1	0.5	0.9	6.4	16.0
31046	32872	1965	1970	0.1	1.2	1.4	1.8	1.5	1.1	0.2	0.1	0.4	0.2	2.0	0.7	1.4	20.9	33.0
32872	34698	1970	1975	0.1	1.2	1.4	1.8	1.6	1.3	0.2	0.1	0.4	0.3	2.5	0.8	1.6	24.3	37.7
34698	36524	1975	1980	0.1	1.3	1.4	1.8	1.7	1.4	0.2	0.1	0.4	0.3	2.6	0.8	1.7	25.8	39.7
36524	37255	1980	1982	0.1	1.3	1.4	1.8	1.7	1.4	0.2	0.1	0.4	0.3	2.6	0.8	1.7	26.2	40.3
37255	37985	1982	1984	0.1	1.3	1.5	1.8	1.7	1.5	0.2	0.1	0.4	0.4	2.7	0.8	1.7	26.5	40.8
37985	38351	1984	1985	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.8	1.7	26.6	40.9
38351	38716	1985	1986	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.8	1.7	26.7	41.1
38716	39446	1986	1988	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.9	1.8	27.1	41.7
39446	39812	1988	1989	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.9	1.8	27.3	41.9
39812	40177	1989	1990	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.8	0.9	1.8	27.6	42.3
40177	40542	1990	1991	0.1	1.4	1.5	1.8	2.0	2.6	0.2	0.1	0.5	1.0	4.1	0.9	1.9	27.8	45.8
40542	40907	1991	1992	0.1	1.5	1.5	1.8	2.1	2.9	0.2	0.1	0.5	1.1	4.4	1.0	1.9	28.1	47.2
40907	41273	1992	1993	0.1	1.5	1.5	1.8	2.1	3.0	0.2	0.1	0.5	1.1	4.5	1.0	1.9	28.2	47.7
41273	41638	1993	1994	0.1	1.5	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.5	1.0	1.9	28.3	47.9
41638	42003	1994	1995	0.1	1.5	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.5	1.0	1.9	28.0	47.7
42003	42368	1995	1996	0.1	1.5	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.5	1.0	1.9	27.8	47.5
42368	42734	1996	1997	0.1	1.5	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.5	1.0	1.9	27.2	46.8
42734	43099	1997	1998	0.1	1.6	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.5	1.0	1.9	26.4	46.0
43099	43464	1998	1999	0.1	1.6	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.4	1.0	1.9	25.6	45.0
43464	43829	1999	2000	0.1	1.6	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.4	1.0	1.8	24.9	44.1
43829	44195	2000	2001	0.1	1.5	1.5	1.8	2.1	2.8	0.2	0.1	0.5	1.0	4.1	1.0	1.8	24.1	42.7
44195	44560	2001	2002	0.1	1.5	1.5	1.8	2.1	2.7	0.2	0.1	0.5	1.0	4.0	0.9	1.7	23.3	41.6
44560	44925	2002	2003	0.1	1.5	1.5	1.8	2.1	2.6	0.2	0.1	0.5	0.9	3.9	0.9	1.7	22.5	40.5
44925	45290	2003	2004	0.1	1.5	1.5	1.8	2.1	2.6	0.2	0.1	0.5	0.9	3.9	0.9	1.6	21.8	39.6
45290	45656	2004	2005	0.1	1.5	1.5	1.8	2.0	2.5	0.2	0.1	0.5	0.9	3.7	0.9	1.6	21.1	38.4
45656	46021	2005	2006	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.6	0.9	1.6	20.5	37.5
46021	46386	2006	2007	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.5	0.9	1.5	20.0	36.8
46386	46751	2007	2008	0.1	1.5	1.5	1.8	2.0	2.3	0.2	0.1	0.5	0.8	3.5	0.8	1.5	19.6	36.3
46751	47117	2008	2009	0.1	1.5	1.5	1.8	2.0	2.3	0.2	0.1	0.5	0.8	3.4	0.8	1.5	19.3	35.9
47117	47482	2009	2010	0.1	1.5	1.5	1.8	1.9	2.3	0.2	0.1	0.5	0.8	3.4	0.8	1.5	19.1	35.6
47482	47847	2010	2011	0.1	1.4	1.5	1.8	1.9	2.3	0.2	0.1	0.5	0.8	3.4	0.8	1.5	19.0	35.3
47847	48212	2011	2012	0.1	1.4	1.5	1.8	1.9	2.3	0.2	0.1	0.5	0.8	3.4	0.8	1.4	18.8	35.1
48212	48578	2012	2013	0.1	1.4	1.5	1.8	1.9	2.3	0.2	0.1	0.5	0.8	3.2	0.8	1.1	9.5	25.1
48578	48943	2013	2014	0.1	1.4	1.5	1.8	1.9	2.2	0.2	0.1	0.4	0.7	2.9	0.7	0.8	8.0	22.7

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S7B model)

				Simarloo															
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Flux
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)														
48943	49308	2014	2015	5	51	54	67	68	77	7	5	16	25	97	23	44	257	795
49308	49673	2015	2016	5	51	54	67	67	74	7	5	16	24	94	22	41	249	774
49673	50039	2016	2017	5	50	53	67	66	73	7	5	16	24	92	21	39	249	767
50039	50404	2017	2018	5	50	53	67	66	73	7	5	16	23	91	21	39	250	766
50404	50769	2018	2019	5	49	53	67	65	72	7	5	15	23	91	21	38	252	766
50769	51134	2019	2020	5	49	53	67	65	72	7	5	15	23	91	21	38	253	767
51134	51500	2020	2021	5	49	53	67	65	73	7	5	15	23	91	21	38	255	769
51500	51865	2021	2022	5	49	53	67	66	73	7	5	15	23	91	21	38	256	770
51865	52230	2022	2023	5	49	53	67	66	73	7	5	15	23	91	21	38	257	771
52230	52595	2023	2024	5	50	53	67	66	73	7	5	15	23	91	21	38	257	771
52595	52961	2024	2025	5	50	53	67	66	73	7	5	15	23	91	21	38	258	772
52961	53326	2025	2026	5	50	53	67	66	73	7	5	15	23	91	21	38	259	773
53326	53691	2026	2027	5	50	53	67	66	73	7	5	15	23	92	21	38	259	774
53691	54056	2027	2028	5	50	53	67	66	73	7	5	15	23	92	21	38	260	774
54056	54422	2028	2029	5	50	53	67	66	73	7	5	15	23	92	21	38	261	775
54422	54787	2029	2030	5	50	53	67	66	73	7	5	15	23	92	21	38	261	776
54787	55152	2030	2031	5	50	53	67	66	73	7	5	15	24	92	21	38	262	777
55152	55517	2031	2032	5	50	53	67	66	73	7	5	15	24	92	21	38	262	777
55517	55883	2032	2033	5	50	53	67	66	73	7	5	15	24	92	21	38	263	778
55883	56248	2033	2034	5	50	53	67	66	73	7	5	15	24	92	21	38	263	779
56248	56613	2034	2035	5	50	53	67	66	73	7	5	15	24	92	21	38	264	779
56613	56978	2035	2036	5	50	53	67	66	73	7	5	15	24	92	21	38	264	780
56978	57344	2036	2037	5	50	53	67	66	73	7	5	15	24	92	21	38	265	781
57344	57709	2037	2038	5	50	53	67	66	73	7	5	15	24	92	21	38	265	781
57709	58074	2038	2039	5	50	53	67	66	73	7	5	15	24	92	21	38	266	782
58074	58439	2039	2040	5	50	53	67	66	73	7	5	15	24	92	21	38	266	782
58439	58805	2040	2041	5	50	53	67	66	74	7	5	15	24	92	21	38	266	783
58805	59170	2041	2042	5	50	53	67	66	74	7	5	15	24	92	21	38	267	783
59170	59535	2042	2043	5	50	53	67	66	74	7	5	15	24	92	21	38	267	784
59535	59900	2043	2044	5	50	53	67	66	74	7	5	15	24	92	21	38	267	784
59900	60266	2044	2045	5	50	53	67	66	74	7	5	15	24	92	21	38	268	784
60266	60631	2045	2046	5	51	53	67	66	74	7	5	15	24	92	21	38	268	785
60631	60996	2046	2047	5	51	53	67	66	74	7	5	15	24	92	21	38	268	785
60996	61361	2047	2048	5	51	53	67	66	74	7	5	15	24	92	21	38	268	785
61361	61727	2048	2049	5	51	53	67	66	74	7	5	15	24	92	21	38	269	786
61727	62092	2049	2050	5	51	53	67	67	74	7	5	15	24	92	21	38	269	786
62092	62457	2050	2051	5	51	54	67	67	74	7	5	15	24	92	21	38	269	786
62457	62822	2051	2052	5	51	54	67	67	74	7	5	15	24	92	21	38	269	787
62822	63188	2052	2053	5	51	54	67	67	74	7	5	15	24	92	21	38	269	787
63188	63553	2053	2054	5	51	54	67	67	74	7	5	15	24	92	21	38	270	787
63553	63918	2054	2055	5	51	54	67	67	74	7	5	15	24	92	21	38	270	788
63918	64283	2055	2056	5	51	54	67	67	74	7	5	15	24	92	21	38	270	788
64283	64649	2056	2057	5	51	54	67	67	74	7	5	15	24	92	21	38	270	788
64649	65014	2057	2058	5	51	54	67	67	74	7	5	15	24	92	21	38	270	788
65014	65379	2058	2059	5	51	54	67	67	74	7	5	15	24	92	21	38	270	788
65379	65744	2059	2060	5	51	54	67	67	74	7	5	15	24	92	21	38	271	789
65744	66110	2060	2061	5	51	54	67	67	74	7	5	15	24	92	21	38	271	789
66110	66475	2061	2062	5	51	54	67	67	74	7	5	15	24	92	21	38	271	789
66475	66840	2062	2063	5	51	54	67	67	74	7	5	15	24	92	21	38	271	789
66840	67205	2063	2064	5	51	54	67	67	74	7	5	15	24	92	21	38	271	789
67205	67571	2064	2065	5	51	54	67	67	74	7	5	15	24	92	21	38	271	790

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Salt Load
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)														
48943	49308	2014	2015	0.1	1.4	1.5	1.8	1.9	2.1	0.2	0.1	0.4	0.7	2.7	0.6	0.7	7.4	21.6
49308	49673	2015	2016	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.7	2.6	0.6	0.6	7.2	21.1
49673	50039	2016	2017	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.2	20.9
50039	50404	2017	2018	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.2	20.9
50404	50769	2018	2019	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.3	20.9
50769	51134	2019	2020	0.1	1.3	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.3	20.9
51134	51500	2020	2021	0.1	1.3	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.4	20.9
51500	51865	2021	2022	0.1	1.3	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.4	21.0
51865	52230	2022	2023	0.1	1.3	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.4	21.0
52230	52595	2023	2024	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.4	21.0
52595	52961	2024	2025	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.5	21.0
52961	53326	2025	2026	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.5	21.1
53326	53691	2026	2027	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.5	21.1
53691	54056	2027	2028	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.5	21.1
54056	54422	2028	2029	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.5	21.1
54422	54787	2029	2030	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.6	21.2
54787	55152	2030	2031	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.6	21.2
55152	55517	2031	2032	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.6	21.2
55517	55883	2032	2033	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.6	21.2
55883	56248	2033	2034	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.6	21.2
56248	56613	2034	2035	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.6	21.3
56613	56978	2035	2036	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.6	21.3
56978	57344	2036	2037	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.7	21.3
57344	57709	2037	2038	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.7	21.3
57709	58074	2038	2039	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.7	21.3
58074	58439	2039	2040	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.7	21.3
58439	58805	2040	2041	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.7	21.4
58805	59170	2041	2042	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.7	21.4
59170	59535	2042	2043	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.7	21.4
59535	59900	2043	2044	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.7	21.4
59900	60266	2044	2045	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.7	21.4
60266	60631	2045	2046	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.7	21.4
60631	60996	2046	2047	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.8	21.4
60996	61361	2047	2048	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.8	21.4
61361	61727	2048	2049	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.8	21.4
61727	62092	2049	2050	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.8	21.4
62092	62457	2050	2051	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.8	21.5
62457	62822	2051	2052	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.8	21.5
62822	63188	2052	2053	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.8	21.5
63188	63553	2053	2054	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.8	21.5
63553	63918	2054	2055	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.8	21.5
63918	64283	2055	2056	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.8	21.5
64283	64649	2056	2057	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.8	21.5
64649	65014	2057	2058	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.8	21.5
65014	65379	2058	2059	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.8	21.5
65379	65744	2059	2060	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.8	21.5
65744	66110	2060	2061	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.8	21.5
66110	66475	2061	2062	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.8	21.5
66475	66840	2062	2063	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.8	21.5
66840	67205	2063	2064	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.8	21.5
67205	67571	2064	2065	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.8	21.5

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S7B model)

				Simarloo															
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Flux
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)														
67571	67936	2065	2066	5	51	54	67	67	74	7	5	15	24	92	21	38	271	790
67936	68301	2066	2067	5	51	54	67	67	74	7	5	15	24	92	21	38	271	790
68301	68666	2067	2068	5	51	54	67	67	74	7	5	15	24	92	21	38	272	790
68666	69032	2068	2069	5	51	54	67	67	74	7	5	15	24	92	21	38	272	790
69032	69397	2069	2070	5	51	54	67	67	74	7	5	15	24	92	21	38	272	790
69397	69762	2070	2071	5	51	54	67	67	74	7	5	15	24	92	21	38	272	791
69762	70127	2071	2072	5	51	54	67	67	74	7	5	15	24	92	21	38	272	791
70127	70493	2072	2073	5	51	54	67	67	74	7	5	15	24	92	21	38	272	791
70493	70858	2073	2074	5	51	54	67	67	74	7	5	15	24	92	21	38	272	791
70858	71223	2074	2075	5	51	54	67	67	74	7	5	15	24	93	21	38	272	791
71223	71588	2075	2076	5	51	54	67	67	74	7	5	15	24	93	21	38	272	791
71588	71954	2076	2077	5	51	54	67	67	74	7	5	15	24	93	21	38	272	791
71954	72319	2077	2078	5	51	54	67	67	74	7	5	15	24	93	21	38	273	792
72319	72684	2078	2079	5	51	54	67	67	74	7	5	15	24	93	21	38	273	792
72684	73049	2079	2080	5	51	54	67	67	74	7	5	15	24	93	21	38	273	792
73049	73415	2080	2081	5	51	54	67	67	74	7	5	15	24	93	21	38	273	792
73415	73780	2081	2082	5	51	54	67	67	74	7	5	15	24	93	21	38	273	792
73780	74145	2082	2083	5	51	54	67	67	74	7	5	15	24	93	21	38	273	792
74145	74510	2083	2084	5	51	54	67	67	74	7	5	15	24	93	21	38	273	792
74510	74876	2084	2085	5	51	54	67	67	74	7	5	15	24	93	21	38	273	792
74876	75241	2085	2086	5	51	54	67	67	74	7	5	15	24	93	21	38	273	793
75241	75606	2086	2087	5	51	54	67	67	74	7	5	15	24	93	21	38	273	793
75606	75971	2087	2088	5	51	54	67	67	74	7	5	15	24	93	21	38	273	793
75971	76337	2088	2089	5	51	54	67	67	74	7	5	15	24	93	21	38	273	793
76337	76702	2089	2090	5	51	54	67	67	74	7	5	15	24	93	21	38	273	793
76702	77067	2090	2091	5	51	54	67	67	74	7	5	15	24	93	21	38	273	793
77067	77432	2091	2092	5	51	54	67	67	74	7	5	15	24	93	21	38	273	793
77432	77798	2092	2093	5	51	54	67	67	74	7	5	15	24	93	21	38	274	793
77798	78163	2093	2094	5	51	54	67	67	74	7	5	15	24	93	21	38	274	793
78163	78528	2094	2095	5	51	54	67	67	74	7	5	15	24	93	21	38	274	793
78528	78893	2095	2096	5	51	54	67	67	74	7	5	15	24	93	21	38	274	793
78893	79259	2096	2097	5	51	54	67	67	74	7	5	15	24	93	21	38	274	794
79259	79624	2097	2098	5	51	54	67	67	74	7	5	15	24	93	21	38	274	794
79624	79989	2098	2099	5	51	54	67	67	74	7	5	15	24	93	21	38	274	794
79989	80354	2099	2100	5	51	54	67	67	74	7	5	15	24	93	21	38	274	794
80354	80719	2100	2101	5	51	54	67	67	74	7	5	15	24	93	21	38	274	794
80719	81084	2101	2102	5	51	54	67	67	74	7	5	15	24	93	21	38	274	794
81084	81449	2102	2103	5	51	54	67	67	74	7	5	15	24	93	21	38	274	794
81449	81814	2103	2104	5	51	54	67	67	74	7	5	15	24	93	21	38	274	794
81814	82180	2104	2105	5	51	54	67	67	74	7	5	15	24	93	21	38	274	794
82180	82545	2105	2106	5	51	54	67	67	74	7	5	15	24	93	21	38	274	794
82545	82910	2106	2107	5	51	54	67	67	74	7	5	15	24	93	21	38	274	794
82910	83275	2107	2108	5	51	54	67	67	74	7	5	15	24	93	21	38	274	794
83275	83641	2108	2109	5	51	54	67	67	74	7	5	15	24	93	21	38	274	794
83641	84006	2109	2110	5	51	54	67	67	74	7	5	15	24	93	21	38	274	794
84006	84371	2110	2111	5	51	54	67	67	74	7	5	15	24	93	21	38	274	795
84371	84736	2111	2112	5	51	54	67	67	74	7	5	15	24	93	21	38	274	795
84736	85102	2112	2113	5	51	54	67	67	74	7	5	15	24	93	21	38	274	795
85102	85467	2113	2114	5	51	54	67	67	74	7	5	15	24	93	21	38	275	795

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Salt Load
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)														
67571	67936	2065	2066	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.8	21.6
67936	68301	2066	2067	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
68301	68666	2067	2068	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
68666	69032	2068	2069	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
69032	69397	2069	2070	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
69397	69762	2070	2071	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
69762	70127	2071	2072	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
70127	70493	2072	2073	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
70493	70858	2073	2074	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
70858	71223	2074	2075	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
71223	71588	2075	2076	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
71588	71954	2076	2077	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
71954	72319	2077	2078	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
72319	72684	2078	2079	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
72684	73049	2079	2080	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
73049	73415	2080	2081	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
73415	73780	2081	2082	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
73780	74145	2082	2083	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
74145	74510	2083	2084	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
74510	74876	2084	2085	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
74876	75241	2085	2086	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
75241	75606	2086	2087	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
75606	75971	2087	2088	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
75971	76337	2088	2089	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
76337	76702	2089	2090	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
76702	77067	2090	2091	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
77067	77432	2091	2092	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
77432	77798	2092	2093	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.6
77798	78163	2093	2094	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.7
78163	78528	2094	2095	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.7
78528	78893	2095	2096	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.7
78893	79259	2096	2097	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.7
79259	79624	2097	2098	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.7
79624	79989	2098	2099	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.7
79989	80354	2099	2100	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.7
80354	80719	2100	2101	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.7
80719	81084	2101	2102	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.7
81084	81449	2102	2103	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.7
81449	81814	2103	2104	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.7
81814	82180	2104	2105	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.7
82180	82545	2105	2106	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.7
82545	82910	2106	2107	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.7
82910	83275	2107	2108	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.7
83275	83641	2108	2109	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.7
83641	84006	2109	2110	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.7
84006	84371	2110	2111	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.7
84371	84736	2111	2112	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.7
84736	85102	2112	2113	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.7
85102	85467	2113	2114	0.1	1.4	1.5	1.8	1.8	2.0	0.2	0.1	0.4	0.6	2.5	0.6	0.6	7.9	21.7

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S7B model)

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Flux
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)								
0	1	1880	1880	0	827	78	4	128	218	38	237	1530
1	1827	1880	1885	0	827	78	4	128	218	38	237	1530
1827	3653	1885	1890	0	827	78	4	128	218	38	237	1530
3653	5479	1890	1895	0	827	78	4	128	218	38	237	1530
5479	7305	1895	1900	0	827	78	4	128	218	38	237	1530
7305	9131	1900	1905	0	827	78	4	128	218	38	237	1530
9131	10957	1905	1910	0	827	78	4	128	218	38	237	1530
10957	12783	1910	1915	0	827	78	4	128	218	38	237	1530
12783	14609	1915	1920	0	827	78	4	128	218	38	237	1530
14609	16436	1920	1925	0	827	78	4	128	218	38	237	1530
16436	18262	1925	1930	0	827	78	4	128	218	38	237	1530
18262	20088	1930	1935	0	827	78	4	128	218	38	237	1530
20088	21914	1935	1940	0	827	78	4	128	218	38	237	1530
21914	23741	1940	1945	0	827	78	4	128	218	38	237	1530
23741	25567	1945	1950	0	827	78	4	128	218	38	237	1530
25567	27393	1950	1955	0	827	78	4	128	218	38	237	1530
27393	29219	1955	1960	0	827	78	4	128	218	48	278	1581
29219	31046	1960	1965	0	827	78	4	128	219	57	326	1640
31046	32872	1965	1970	0	827	78	4	128	220	63	349	1670
32872	34698	1970	1975	0	827	78	4	129	221	67	369	1696
34698	36524	1975	1980	0	827	78	5	130	223	104	609	1977
36524	37255	1980	1982	0	827	78	5	130	224	157	659	2080
37255	37985	1982	1984	0	827	79	5	131	226	178	694	2139
37985	38351	1984	1985	0	827	79	5	131	226	185	707	2160
38351	38716	1985	1986	0	827	79	5	131	227	190	718	2177
38716	39446	1986	1988	0	827	79	5	132	228	198	736	2204
39446	39812	1988	1989	0	827	79	5	132	228	201	743	2215
39812	40177	1989	1990	0	827	79	5	132	228	204	750	2225
40177	40542	1990	1991	0	827	79	5	132	229	206	755	2232
40542	40907	1991	1992	0	827	79	5	132	229	207	758	2238
40907	41273	1992	1993	0	827	79	5	132	229	209	761	2242
41273	41638	1993	1994	0	827	79	5	132	229	210	762	2245
41638	42003	1994	1995	0	827	79	5	132	230	211	763	2246
42003	42368	1995	1996	0	827	79	5	133	230	211	763	2248
42368	42734	1996	1997	0	828	79	5	133	230	214	762	2251
42734	43099	1997	1998	0	828	79	5	133	231	217	762	2255
43099	43464	1998	1999	0	828	79	5	134	232	220	761	2258
43464	43829	1999	2000	0	828	79	5	134	232	219	756	2253
43829	44195	2000	2001	0	828	79	5	134	232	219	751	2248
44195	44560	2001	2002	0	828	79	6	134	233	221	743	2243
44560	44925	2002	2003	0	828	79	6	135	233	222	734	2236
44925	45290	2003	2004	0	828	79	6	135	233	221	724	2226
45290	45656	2004	2005	0	828	79	6	135	233	218	713	2211
45656	46021	2005	2006	0	828	79	6	135	233	212	700	2192
46021	46386	2006	2007	0	828	79	6	135	233	205	685	2171
46386	46751	2007	2008	0	828	79	6	135	233	199	670	2148
46751	47117	2008	2009	0	828	79	6	134	233	194	654	2127
47117	47482	2009	2010	0	828	79	6	134	232	191	642	2111
47482	47847	2010	2011	0	828	79	6	134	232	188	633	2099
47847	48212	2011	2012	0	828	79	5	134	232	185	626	2089
48212	48578	2012	2013	0	828	79	5	134	231	181	620	2079
48578	48943	2013	2014	0	828	79	5	134	231	178	616	2070

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Salt Load
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)								
0	1	1880	1880	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
1	1827	1880	1885	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
1827	3653	1885	1890	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
3653	5479	1890	1895	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
5479	7305	1895	1900	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
7305	9131	1900	1905	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
9131	10957	1905	1910	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
10957	12783	1910	1915	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
12783	14609	1915	1920	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
14609	16436	1920	1925	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
16436	18262	1925	1930	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
18262	20088	1930	1935	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
20088	21914	1935	1940	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
21914	23741	1940	1945	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
23741	25567	1945	1950	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
25567	27393	1950	1955	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
27393	29219	1955	1960	0.0	0.8	0.1	0.0	0.1	5.3	1.5	11.7	19.4
29219	31046	1960	1965	0.0	0.8	0.1	0.0	0.1	5.3	1.8	13.7	21.8
31046	32872	1965	1970	0.0	0.8	0.1	0.0	0.1	5.3	2.0	14.6	22.9
32872	34698	1970	1975	0.0	0.8	0.1	0.0	0.1	5.3	2.1	15.5	24.0
34698	36524	1975	1980	0.0	0.8	0.1	0.0	0.1	5.4	3.4	25.6	35.3
36524	37255	1980	1982	0.0	0.8	0.1	0.0	0.1	5.4	5.0	27.7	39.1
37255	37985	1982	1984	0.0	0.8	0.1	0.0	0.1	5.5	5.7	29.1	41.3
37985	38351	1984	1985	0.0	0.8	0.1	0.0	0.1	5.5	6.0	29.7	42.1
38351	38716	1985	1986	0.0	0.8	0.1	0.0	0.1	5.5	6.1	30.2	42.7
38716	39446	1986	1988	0.0	0.8	0.1	0.0	0.1	5.5	6.4	30.9	43.7
39446	39812	1988	1989	0.0	0.8	0.1	0.0	0.1	5.5	6.5	31.2	44.1
39812	40177	1989	1990	0.0	0.8	0.1	0.0	0.1	5.5	6.6	31.5	44.5
40177	40542	1990	1991	0.0	0.8	0.1	0.0	0.1	5.5	6.6	31.7	44.8
40542	40907	1991	1992	0.0	0.8	0.1	0.0	0.1	5.5	6.7	31.8	45.0
40907	41273	1992	1993	0.0	0.8	0.1	0.0	0.1	5.5	6.7	31.9	45.2
41273	41638	1993	1994	0.0	0.8	0.1	0.0	0.1	5.5	6.8	32.0	45.3
41638	42003	1994	1995	0.0	0.8	0.1	0.0	0.1	5.6	6.8	32.0	45.3
42003	42368	1995	1996	0.0	0.8	0.1	0.0	0.1	5.6	6.8	32.0	45.3
42368	42734	1996	1997	0.0	0.8	0.1	0.0	0.1	5.6	6.9	32.0	45.4
42734	43099	1997	1998	0.0	0.8	0.1	0.0	0.1	5.6	7.0	32.0	45.5
43099	43464	1998	1999	0.0	0.8	0.1	0.0	0.1	5.6	7.1	32.0	45.6
43464	43829	1999	2000	0.0	0.8	0.1	0.0	0.1	5.6	7.1	31.7	45.4
43829	44195	2000	2001	0.0	0.8	0.1	0.0	0.1	5.6	7.0	31.5	45.1
44195	44560	2001	2002	0.0	0.8	0.1	0.0	0.1	5.6	7.1	31.2	44.9
44560	44925	2002	2003	0.0	0.8	0.1	0.0	0.1	5.6	7.1	30.8	44.6
44925	45290	2003	2004	0.0	0.8	0.1	0.0	0.1	5.6	7.1	30.4	44.1
45290	45656	2004	2005	0.0	0.8	0.1	0.0	0.1	5.6	7.0	29.9	43.5
45656	46021	2005	2006	0.0	0.8	0.1	0.0	0.1	5.6	6.8	29.4	42.8
46021	46386	2006	2007	0.0	0.8	0.1	0.0	0.1	5.6	6.6	28.8	42.0
46386	46751	2007	2008	0.0	0.8	0.1	0.0	0.1	5.6	6.4	28.1	41.1
46751	47117	2008	2009	0.0	0.8	0.1	0.0	0.1	5.6	6.3	27.5	40.3
47117	47482	2009	2010	0.0	0.8	0.1	0.0	0.1	5.6	6.1	27.0	39.7
47482	47847	2010	2011	0.0	0.8	0.1	0.0	0.1	5.6	6.0	26.6	39.2
47847	48212	2011	2012	0.0	0.8	0.1	0.0	0.1	5.6	5.9	26.3	38.8
48212	48578	2012	2013	0.0	0.8	0.1	0.0	0.1	5.6	5.8	26.1	38.4
48578	48943	2013	2014	0.0	0.8	0.1	0.0	0.1	5.6	5.7	25.9	38.1

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S7B model)

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Flux
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)								
48943	49308	2014	2015	0	828	79	5	133	230	175	611	2061
49308	49673	2015	2016	0	828	79	5	133	230	172	617	2064
49673	50039	2016	2017	0	828	79	5	133	230	169	625	2069
50039	50404	2017	2018	0	828	79	5	133	229	168	632	2073
50404	50769	2018	2019	0	828	79	5	133	229	167	636	2077
50769	51134	2019	2020	0	828	79	5	133	229	166	640	2079
51134	51500	2020	2021	0	828	79	5	133	229	165	643	2082
51500	51865	2021	2022	0	828	79	5	133	229	165	648	2086
51865	52230	2022	2023	0	828	79	5	133	229	165	653	2091
52230	52595	2023	2024	0	828	79	5	133	229	165	658	2097
52595	52961	2024	2025	0	828	79	5	133	229	165	662	2101
52961	53326	2025	2026	0	828	79	5	133	229	166	667	2107
53326	53691	2026	2027	0	828	79	5	133	229	167	673	2114
53691	54056	2027	2028	0	828	79	5	133	229	167	680	2121
54056	54422	2028	2029	0	828	79	5	133	229	168	686	2129
54422	54787	2029	2030	0	828	79	5	133	229	169	691	2135
54787	55152	2030	2031	0	828	79	5	133	229	170	696	2141
55152	55517	2031	2032	0	828	79	5	133	229	171	700	2146
55517	55883	2032	2033	0	828	79	5	133	230	172	703	2150
55883	56248	2033	2034	0	828	79	5	133	230	173	706	2154
56248	56613	2034	2035	0	828	79	5	133	230	174	709	2158
56613	56978	2035	2036	0	828	79	5	133	230	174	712	2161
56978	57344	2036	2037	0	828	79	5	133	230	175	714	2164
57344	57709	2037	2038	0	828	79	5	133	230	176	716	2167
57709	58074	2038	2039	0	828	79	5	133	230	176	717	2169
58074	58439	2039	2040	0	828	79	5	133	230	177	719	2171
58439	58805	2040	2041	0	828	79	5	133	230	177	720	2173
58805	59170	2041	2042	0	828	79	5	133	230	178	722	2175
59170	59535	2042	2043	0	828	79	5	134	230	178	723	2177
59535	59900	2043	2044	0	828	79	5	134	230	179	724	2179
59900	60266	2044	2045	0	828	79	5	134	230	179	725	2180
60266	60631	2045	2046	0	828	79	5	134	230	180	726	2182
60631	60996	2046	2047	0	828	79	5	134	230	180	727	2183
60996	61361	2047	2048	0	828	79	5	134	230	180	728	2184
61361	61727	2048	2049	0	828	79	5	134	230	181	729	2185
61727	62092	2049	2050	0	828	79	5	134	230	181	729	2187
62092	62457	2050	2051	0	828	79	5	134	230	182	730	2188
62457	62822	2051	2052	0	828	79	5	134	230	182	731	2189
62822	63188	2052	2053	0	828	79	5	134	230	182	731	2190
63188	63553	2053	2054	0	828	79	5	134	230	182	732	2191
63553	63918	2054	2055	0	828	79	5	134	230	183	732	2192
63918	64283	2055	2056	0	828	79	5	134	230	183	733	2192
64283	64649	2056	2057	0	828	79	5	134	231	183	733	2193
64649	65014	2057	2058	0	828	79	5	134	231	184	734	2194
65014	65379	2058	2059	0	828	79	5	134	231	184	734	2195
65379	65744	2059	2060	0	828	79	5	134	231	184	735	2196
65744	66110	2060	2061	0	828	79	5	134	231	184	735	2196
66110	66475	2061	2062	0	828	79	5	134	231	185	736	2197
66475	66840	2062	2063	0	828	79	5	134	231	185	736	2198
66840	67205	2063	2064	0	828	79	5	134	231	185	737	2198
67205	67571	2064	2065	0	828	79	5	134	231	185	737	2199

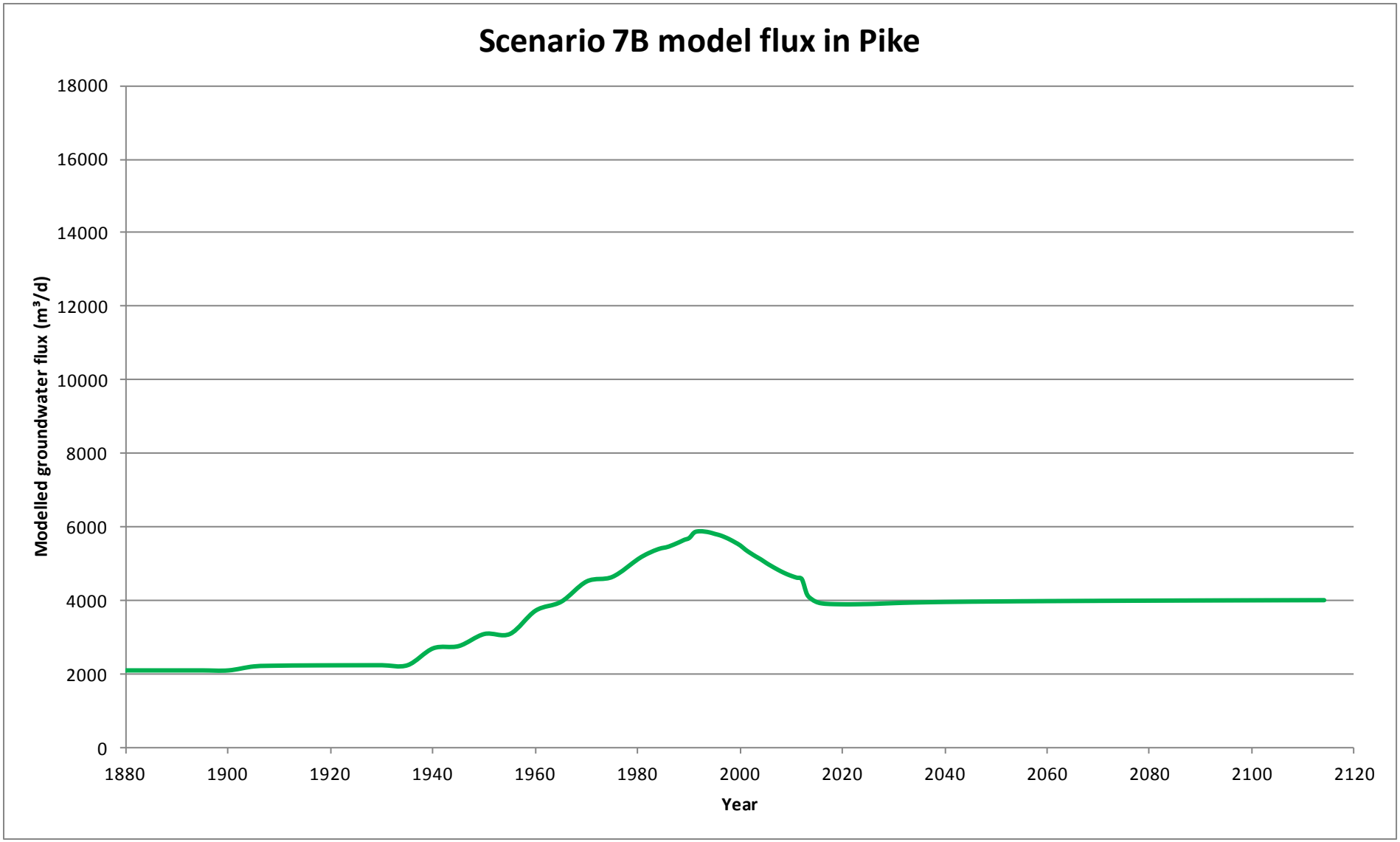
				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Salt Load
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)								
48943	49308	2014	2015	0.0	0.8	0.1	0.0	0.1	5.6	5.6	25.7	37.8
49308	49673	2015	2016	0.0	0.8	0.1	0.0	0.1	5.6	5.5	25.9	38.0
49673	50039	2016	2017	0.0	0.8	0.1	0.0	0.1	5.5	5.5	26.3	38.2
50039	50404	2017	2018	0.0	0.8	0.1	0.0	0.1	5.5	5.4	26.5	38.4
50404	50769	2018	2019	0.0	0.8	0.1	0.0	0.1	5.5	5.4	26.7	38.6
50769	51134	2019	2020	0.0	0.8	0.1	0.0	0.1	5.5	5.3	26.9	38.7
51134	51500	2020	2021	0.0	0.8	0.1	0.0	0.1	5.5	5.3	27.0	38.8
51500	51865	2021	2022	0.0	0.8	0.1	0.0	0.1	5.5	5.3	27.2	39.0
51865	52230	2022	2023	0.0	0.8	0.1	0.0	0.1	5.5	5.3	27.4	39.2
52230	52595	2023	2024	0.0	0.8	0.1	0.0	0.1	5.5	5.3	27.6	39.4
52595	52961	2024	2025	0.0	0.8	0.1	0.0	0.1	5.5	5.3	27.8	39.6
52961	53326	2025	2026	0.0	0.8	0.1	0.0	0.1	5.5	5.3	28.0	39.8
53326	53691	2026	2027	0.0	0.8	0.1	0.0	0.1	5.5	5.4	28.3	40.1
53691	54056	2027	2028	0.0	0.8	0.1	0.0	0.1	5.5	5.4	28.6	40.4
54056	54422	2028	2029	0.0	0.8	0.1	0.0	0.1	5.5	5.4	28.8	40.7
54422	54787	2029	2030	0.0	0.8	0.1	0.0	0.1	5.5	5.5	29.0	41.0
54787	55152	2030	2031	0.0	0.8	0.1	0.0	0.1	5.5	5.5	29.2	41.2
55152	55517	2031	2032	0.0	0.8	0.1	0.0	0.1	5.5	5.5	29.4	41.4
55517	55883	2032	2033	0.0	0.8	0.1	0.0	0.1	5.5	5.5	29.5	41.6
55883	56248	2033	2034	0.0	0.8	0.1	0.0	0.1	5.6	5.6	29.7	41.7
56248	56613	2034	2035	0.0	0.8	0.1	0.0	0.1	5.6	5.6	29.8	41.9
56613	56978	2035	2036	0.0	0.8	0.1	0.0	0.1	5.6	5.6	29.9	42.0
56978	57344	2036	2037	0.0	0.8	0.1	0.0	0.1	5.6	5.6	30.0	42.1
57344	57709	2037	2038	0.0	0.8	0.1	0.0	0.1	5.6	5.7	30.1	42.2
57709	58074	2038	2039	0.0	0.8	0.1	0.0	0.1	5.6	5.7	30.1	42.3
58074	58439	2039	2040	0.0	0.8	0.1	0.0	0.1	5.6	5.7	30.2	42.4
58439	58805	2040	2041	0.0	0.8	0.1	0.0	0.1	5.6	5.7	30.3	42.5
58805	59170	2041	2042	0.0	0.8	0.1	0.0	0.1	5.6	5.7	30.3	42.6
59170	59535	2042	2043	0.0	0.8	0.1	0.0	0.1	5.6	5.7	30.4	42.6
59535	59900	2043	2044	0.0	0.8	0.1	0.0	0.1	5.6	5.8	30.4	42.7
59900	60266	2044	2045	0.0	0.8	0.1	0.0	0.1	5.6	5.8	30.5	42.7
60266	60631	2045	2046	0.0	0.8	0.1	0.0	0.1	5.6	5.8	30.5	42.8
60631	60996	2046	2047	0.0	0.8	0.1	0.0	0.1	5.6	5.8	30.5	42.8
60996	61361	2047	2048	0.0	0.8	0.1	0.0	0.1	5.6	5.8	30.6	42.9
61361	61727	2048	2049	0.0	0.8	0.1	0.0	0.1	5.6	5.8	30.6	42.9
61727	62092	2049	2050	0.0	0.8	0.1	0.0	0.1	5.6	5.8	30.6	43.0
62092	62457	2050	2051	0.0	0.8	0.1	0.0	0.1	5.6	5.8	30.7	43.0
62457	62822	2051	2052	0.0	0.8	0.1	0.0	0.1	5.6	5.9	30.7	43.1
62822	63188	2052	2053	0.0	0.8	0.1	0.0	0.1	5.6	5.9	30.7	43.1
63188	63553	2053	2054	0.0	0.8	0.1	0.0	0.1	5.6	5.9	30.7	43.1
63553	63918	2054	2055	0.0	0.8	0.1	0.0	0.1	5.6	5.9	30.8	43.2
63918	64283	2055	2056	0.0	0.8	0.1	0.0	0.1	5.6	5.9	30.8	43.2
64283	64649	2056	2057	0.0	0.8	0.1	0.0	0.1	5.6	5.9	30.8	43.2
64649	65014	2057	2058	0.0	0.8	0.1	0.0	0.1	5.6	5.9	30.8	43.3
65014	65379	2058	2059	0.0	0.8	0.1	0.0	0.1	5.6	5.9	30.8	43.3
65379	65744	2059	2060	0.0	0.8	0.1	0.0	0.1	5.6	5.9	30.9	43.3
65744	66110	2060	2061	0.0	0.8	0.1	0.0	0.1	5.6	5.9	30.9	43.3
66110	66475	2061	2062	0.0	0.8	0.1	0.0	0.1	5.6	5.9	30.9	43.4
66475	66840	2062	2063	0.0	0.8	0.1	0.0	0.1	5.6	6.0	30.9	43.4
66840	67205	2063	2064	0.0	0.8	0.1	0.0	0.1	5.6	6.0	30.9	43.4
67205	67571	2064	2065	0.0	0.8	0.1	0.0	0.1	5.6	6.0	30.9	43.4

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S7B model)

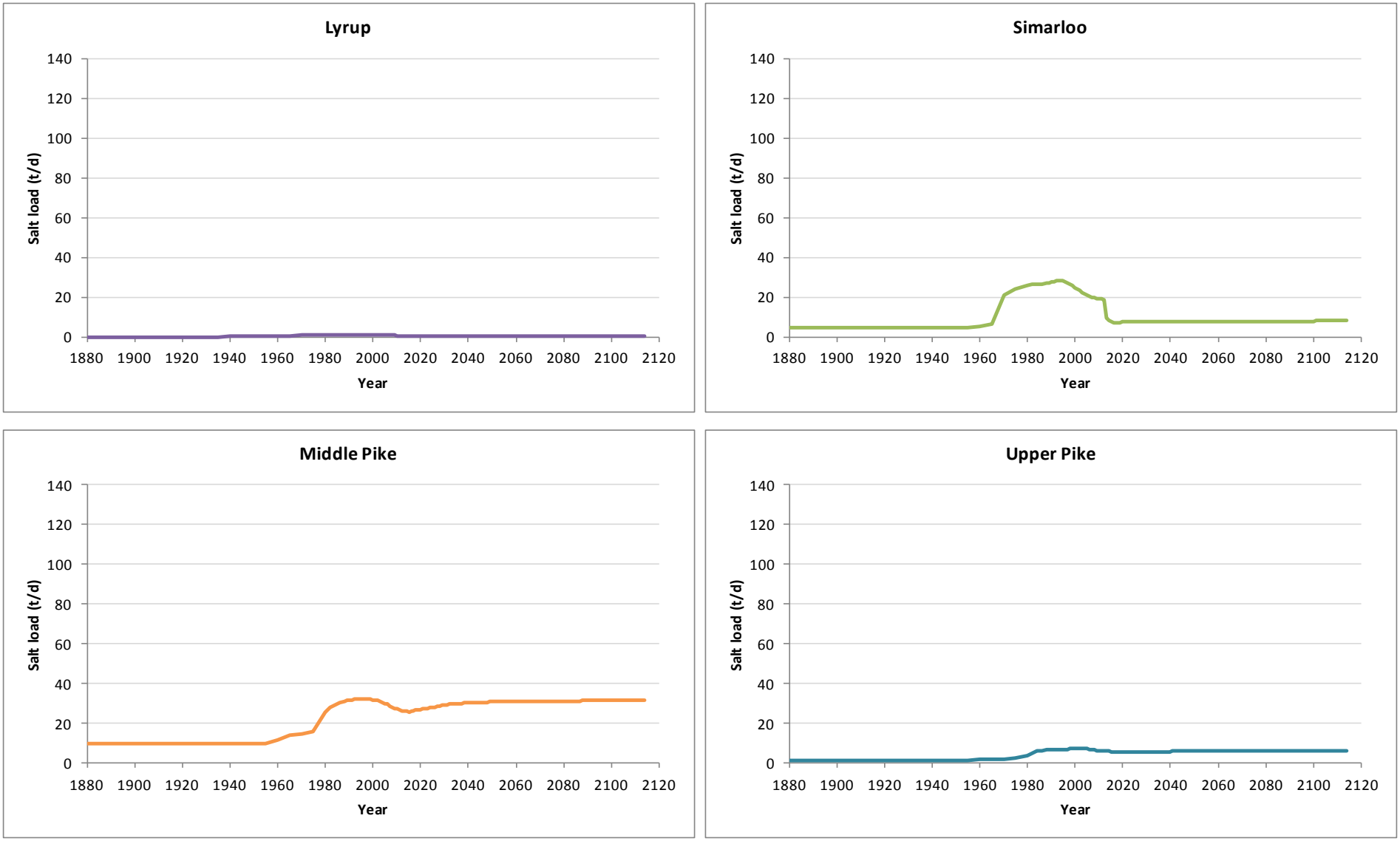
				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Flux
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)								
67571	67936	2065	2066	0	828	79	5	134	231	185	737	2200
67936	68301	2066	2067	0	828	79	5	134	231	186	738	2200
68301	68666	2067	2068	0	828	79	5	134	231	186	738	2201
68666	69032	2068	2069	0	828	79	5	134	231	186	738	2201
69032	69397	2069	2070	0	828	79	5	134	231	186	739	2202
69397	69762	2070	2071	0	828	79	5	134	231	186	739	2202
69762	70127	2071	2072	0	828	79	5	134	231	187	739	2203
70127	70493	2072	2073	0	828	79	5	134	231	187	740	2203
70493	70858	2073	2074	0	828	79	5	134	231	187	740	2204
70858	71223	2074	2075	0	828	79	5	134	231	187	740	2204
71223	71588	2075	2076	0	828	79	5	134	231	187	740	2205
71588	71954	2076	2077	0	828	79	5	134	231	187	741	2205
71954	72319	2077	2078	0	828	79	5	134	231	188	741	2206
72319	72684	2078	2079	0	828	79	5	134	231	188	741	2206
72684	73049	2079	2080	0	828	79	5	134	231	188	741	2206
73049	73415	2080	2081	0	828	79	5	134	231	188	742	2207
73415	73780	2081	2082	0	828	79	5	134	231	188	742	2207
73780	74145	2082	2083	0	828	79	5	134	231	188	742	2208
74145	74510	2083	2084	0	828	79	5	134	231	189	742	2208
74510	74876	2084	2085	0	828	79	5	134	231	189	742	2208
74876	75241	2085	2086	0	828	79	5	134	231	189	743	2209
75241	75606	2086	2087	0	828	79	5	134	231	189	743	2209
75606	75971	2087	2088	0	828	79	5	134	231	189	743	2209
75971	76337	2088	2089	0	828	79	5	134	231	189	743	2210
76337	76702	2089	2090	0	828	79	5	134	231	189	743	2210
76702	77067	2090	2091	0	828	79	5	134	231	189	744	2210
77067	77432	2091	2092	0	828	79	5	134	231	190	744	2211
77432	77798	2092	2093	0	828	79	5	134	231	190	744	2211
77798	78163	2093	2094	0	828	79	5	134	231	190	744	2211
78163	78528	2094	2095	0	828	79	5	134	231	190	744	2212
78528	78893	2095	2096	0	828	79	5	134	231	190	745	2212
78893	79259	2096	2097	0	828	79	5	134	231	190	745	2212
79259	79624	2097	2098	0	828	79	5	134	231	190	745	2213
79624	79989	2098	2099	0	828	79	5	134	231	190	745	2213
79989	80354	2099	2100	0	828	79	5	134	231	190	745	2213
80354	80719	2100	2101	0	828	79	5	134	231	191	745	2213
80719	81084	2101	2102	0	828	79	5	134	231	191	745	2214
81084	81449	2102	2103	0	828	79	5	134	231	191	746	2214
81449	81814	2103	2104	0	828	79	5	134	231	191	746	2214
81814	82180	2104	2105	0	828	79	5	134	231	191	746	2214
82180	82545	2105	2106	0	828	79	5	134	231	191	746	2215
82545	82910	2106	2107	0	828	79	5	134	231	191	746	2215
82910	83275	2107	2108	0	828	79	5	134	231	191	746	2215
83275	83641	2108	2109	0	828	79	5	134	231	191	746	2215
83641	84006	2109	2110	0	828	79	5	134	231	191	747	2216
84006	84371	2110	2111	0	828	79	5	134	231	191	747	2216
84371	84736	2111	2112	0	828	79	5	134	231	192	747	2216
84736	85102	2112	2113	0	828	79	5	134	231	192	747	2216
85102	85467	2113	2114	0	828	79	5	134	231	192	747	2216

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Salt Load
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)								
67571	67936	2065	2066	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.0	43.5
67936	68301	2066	2067	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.0	43.5
68301	68666	2067	2068	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.0	43.5
68666	69032	2068	2069	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.0	43.5
69032	69397	2069	2070	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.0	43.6
69397	69762	2070	2071	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.0	43.6
69762	70127	2071	2072	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.0	43.6
70127	70493	2072	2073	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.1	43.6
70493	70858	2073	2074	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.1	43.6
70858	71223	2074	2075	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.1	43.6
71223	71588	2075	2076	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.1	43.7
71588	71954	2076	2077	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.1	43.7
71954	72319	2077	2078	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.1	43.7
72319	72684	2078	2079	0.0	0.8	0.1	0.0	0.1	5.6	6.0	31.1	43.7
72684	73049	2079	2080	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.1	43.7
73049	73415	2080	2081	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.1	43.7
73415	73780	2081	2082	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.2	43.8
73780	74145	2082	2083	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.2	43.8
74145	74510	2083	2084	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.2	43.8
74510	74876	2084	2085	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.2	43.8
74876	75241	2085	2086	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.2	43.8
75241	75606	2086	2087	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.2	43.8
75606	75971	2087	2088	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.2	43.8
75971	76337	2088	2089	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.2	43.8
76337	76702	2089	2090	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.2	43.9
76702	77067	2090	2091	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.2	43.9
77067	77432	2091	2092	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.2	43.9
77432	77798	2092	2093	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.2	43.9
77798	78163	2093	2094	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.3	43.9
78163	78528	2094	2095	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.3	43.9
78528	78893	2095	2096	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.3	43.9
78893	79259	2096	2097	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.3	43.9
79259	79624	2097	2098	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.3	43.9
79624	79989	2098	2099	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.3	44.0
79989	80354	2099	2100	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.3	44.0
80354	80719	2100	2101	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.3	44.0
80719	81084	2101	2102	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.3	44.0
81084	81449	2102	2103	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.3	44.0
81449	81814	2103	2104	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.3	44.0
81814	82180	2104	2105	0.0	0.8	0.1	0.0	0.1	5.6	6.1	31.3	44.0
82180	82545	2105	2106	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.3	44.0
82545	82910	2106	2107	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.3	44.0
82910	83275	2107	2108	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.3	44.0
83275	83641	2108	2109	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.4	44.1
83641	84006	2109	2110	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.4	44.1
84006	84371	2110	2111	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.4	44.1
84371	84736	2111	2112	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.4	44.1
84736	85102	2112	2113	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.4	44.1
85102	85467	2113	2114	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.4	44.1

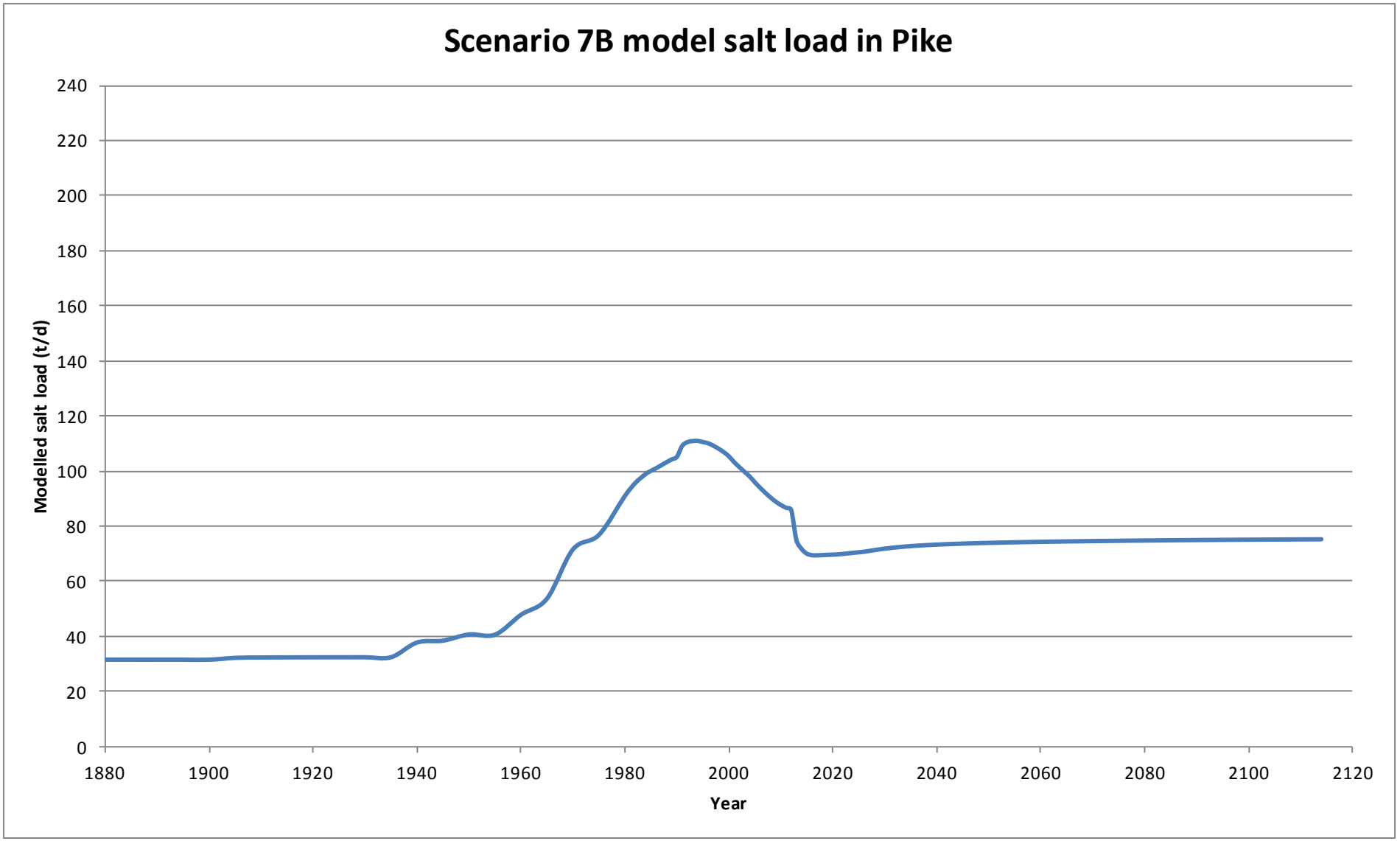
B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S7B model)



B-3. Graph of modelled groundwater flux (m³/d) entering the River Murray in Pike (S7B model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Pike (S7B model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Pike (S7B model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
0	1	1880	1880	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1827	1880	1885	0	0	0	0	0	0	0	0	0	0	0	0	0
1827	3653	1885	1890	0	0	0	0	0	0	0	0	0	0	0	0	0
3653	5479	1890	1895	0	0	0	0	0	0	0	0	0	0	0	0	0
5479	7305	1895	1900	0	0	0	0	0	0	0	0	0	0	0	0	0
7305	9131	1900	1905	0	0	0	0	0	0	0	0	0	0	0	0	0
9131	10957	1905	1910	0	0	0	0	0	0	0	0	0	0	0	0	0
10957	12783	1910	1915	0	0	0	0	0	0	0	0	0	0	0	0	0
12783	14609	1915	1920	0	0	0	0	0	0	0	0	0	0	0	0	0
14609	16436	1920	1925	0	0	0	0	0	0	0	0	0	0	0	0	0
16436	18262	1925	1930	0	0	0	0	0	0	0	0	0	0	0	0	0
18262	20088	1930	1935	0	0	0	0	0	0	0	0	0	0	0	0	0
20088	21914	1935	1940	0	0	0	0	0	0	0	0	0	0	0	0	0
21914	23741	1940	1945	0	0	0	0	0	0	0	0	0	0	0	0	0
23741	25567	1945	1950	0	0	0	0	0	0	0	0	0	0	0	0	0
25567	27393	1950	1955	0	0	0	0	0	0	0	0	0	0	0	0	0
27393	29219	1955	1960	0	0	0	0	0	0	0	0	0	0	0	0	0
29219	31046	1960	1965	0	0	0	0	0	0	0	0	0	0	0	0	0
31046	32872	1965	1970	0	0	0	0	0	0	0	0	0	0	0	0	0
32872	34698	1970	1975	0	0	67	41	0	0	0	0	0	0	0	0	108
34698	36524	1975	1980	0	0	73	46	0	0	0	0	0	0	0	0	119
36524	37255	1980	1982	6	0	85	53	0	0	0	0	0	0	0	0	144
37255	37985	1982	1984	7	0	91	57	0	0	0	0	0	0	0	0	154
37985	38351	1984	1985	7	0	92	58	0	0	0	0	0	0	0	0	157
38351	38716	1985	1986	6	0	78	57	0	0	0	0	0	0	0	0	141
38716	39446	1986	1988	6	0	79	58	0	0	0	0	0	0	0	0	142
39446	39812	1988	1989	6	0	79	59	0	0	0	0	0	0	0	0	144
39812	40177	1989	1990	6	0	80	59	0	0	0	0	0	0	0	0	145
40177	40542	1990	1991	7	0	93	68	0	0	0	0	0	0	0	0	168
40542	40907	1991	1992	8	0	104	76	0	0	0	0	0	0	0	0	188
40907	41273	1992	1993	8	0	111	81	0	0	0	0	0	0	0	0	199
41273	41638	1993	1994	9	0	115	84	0	0	0	0	0	0	0	0	207
41638	42003	1994	1995	9	0	118	86	0	0	0	0	0	0	0	0	213
42003	42368	1995	1996	9	0	120	88	0	0	0	0	0	0	0	0	217
42368	42734	1996	1997	9	0	122	89	0	0	0	0	0	0	0	0	221
42734	43099	1997	1998	10	0	123	91	0	0	0	0	0	0	0	0	224
43099	43464	1998	1999	10	0	125	92	0	0	0	0	0	0	0	0	227
43464	43829	1999	2000	10	0	126	93	0	0	0	0	0	0	0	0	230
43829	44195	2000	2001	5	0	102	66	0	0	0	0	0	0	0	4	177
44195	44560	2001	2002	5	0	101	66	0	0	0	0	0	0	0	10	183
44560	44925	2002	2003	4	0	88	65	1	0	0	0	0	0	0	14	172
44925	45290	2003	2004	4	0	88	66	2	0	0	0	0	0	0	16	176
45290	45656	2004	2005	4	0	83	58	3	0	0	0	0	0	0	18	166
45656	46021	2005	2006	4	0	83	59	3	0	0	0	0	0	0	19	168
46021	46386	2006	2007	4	0	83	59	3	0	0	0	0	0	0	20	170
46386	46751	2007	2008	4	0	84	60	3	0	0	0	0	0	0	20	171
46751	47117	2008	2009	4	0	84	60	3	0	0	0	0	0	0	20	172
47117	47482	2009	2010	4	0	84	60	4	0	0	0	0	0	0	21	173
47482	47847	2010	2011	4	0	84	60	4	0	0	0	0	0	0	21	173
47847	48212	2011	2012	4	0	84	61	4	0	0	0	0	0	0	21	173
48212	48578	2012	2013	4	0	84	61	4	0	0	0	0	0	0	20	173
48578	48943	2013	2014	4	0	84	61	4	0	0	0	0	0	0	20	173

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
0	1	1880	1880	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	1827	1880	1885	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1827	3653	1885	1890	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3653	5479	1890	1895	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5479	7305	1895	1900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7305	9131	1900	1905	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9131	10957	1905	1910	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10957	12783	1910	1915	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12783	14609	1915	1920	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14609	16436	1920	1925	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16436	18262	1925	1930	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18262	20088	1930	1935	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20088	21914	1935	1940	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21914	23741	1940	1945	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23741	25567	1945	1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25567	27393	1950	1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27393	29219	1955	1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29219	31046	1960	1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31046	32872	1965	1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32872	34698	1970	1975	0.0	0.0	1.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
34698	36524	1975	1980	0.0	0.0	1.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
36524	37255	1980	1982	0.1	0.0	1.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
37255	37985	1982	1984	0.1	0.0	1.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
37985	38351	1984	1985	0.1	0.0	1.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
38351	38716	1985	1986	0.1	0.0	1.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
38716	39446	1986	1988	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
39446	39812	1988	1989	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
39812	40177	1989	1990	0.1	0.0	1.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
40177	40542	1990	1991	0.1	0.0	1.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
40542	40907	1991	1992	0.2	0.0	2.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
40907	41273	1992	1993	0.2	0.0	2.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
41273	41638	1993	1994	0.2	0.0	2.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
41638	42003	1994	1995	0.2	0.0	2.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
42003	42368	1995	1996	0.2	0.0	2.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
42368	42734	1996	1997	0.2	0.0	2.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
42734	43099	1997	1998	0.2	0.0	2.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
43099	43464	1998	1999	0.2	0.0	2.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
43464	43829	1999	2000	0.2	0.0	2.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
43829	44195	2000	2001	0.1	0.0	2.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.5
44195	44560	2001	2002	0.1	0.0	2.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	3.7
44560	44925	2002	2003	0.1	0.0	1.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	3.5
44925	45290	2003	2004	0.1	0.0	1.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.6
45290	45656	2004	2005	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.5
45656	46021	2005	2006	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.5
46021	46386	2006	2007	0.1	0.0	1.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.5
46386	46751	2007	2008	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
46751	47117	2008	2009	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
47117	47482	2009	2010	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
47482	47847	2010	2011	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
47847	48212	2011	2012	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
48212	48578	2012	2013	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
48578	48943	2013	2014	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7B model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
48943	49308	2014	2015	1	0	25	8	0	0	0	0	0	0	0	11	46
49308	49673	2015	2016	3	0	45	9	0	0	0	0	0	0	0	11	67
49673	50039	2016	2017	2	0	45	9	0	0	0	0	0	0	0	13	68
50039	50404	2017	2018	2	0	45	10	0	0	0	0	0	0	0	14	71
50404	50769	2018	2019	2	0	46	11	0	0	0	0	0	0	0	16	75
50769	51134	2019	2020	2	0	48	13	0	0	0	0	0	0	0	17	79
51134	51500	2020	2021	4	0	55	17	0	0	0	0	0	0	0	18	94
51500	51865	2021	2022	5	0	63	22	0	0	0	0	0	0	0	19	109
51865	52230	2022	2023	6	0	68	26	0	0	0	0	0	0	0	20	120
52230	52595	2023	2024	6	0	72	30	0	0	0	0	0	0	0	21	129
52595	52961	2024	2025	6	0	75	32	0	0	0	0	0	0	0	21	135
52961	53326	2025	2026	7	0	77	35	0	0	0	0	0	0	0	22	140
53326	53691	2026	2027	7	0	79	37	0	0	0	0	0	0	0	23	145
53691	54056	2027	2028	7	0	81	38	0	0	0	0	0	0	0	23	149
54056	54422	2028	2029	7	0	82	40	0	0	0	0	0	0	0	24	152
54422	54787	2029	2030	7	0	83	41	0	0	0	0	0	0	0	24	155
54787	55152	2030	2031	7	0	85	42	0	0	0	0	0	0	0	24	158
55152	55517	2031	2032	7	0	86	43	0	0	0	0	0	0	0	25	161
55517	55883	2032	2033	7	0	87	44	0	0	0	0	0	0	0	25	163
55883	56248	2033	2034	7	0	88	45	0	0	0	0	0	0	0	25	165
56248	56613	2034	2035	7	0	88	46	0	0	0	0	0	0	0	26	167
56613	56978	2035	2036	8	0	89	46	0	0	0	0	0	0	0	26	169
56978	57344	2036	2037	8	0	90	47	0	0	0	0	0	0	0	26	171
57344	57709	2037	2038	8	0	91	48	0	0	0	0	0	0	0	26	173
57709	58074	2038	2039	8	0	91	48	0	0	0	0	0	0	0	27	174
58074	58439	2039	2040	8	0	92	49	0	0	0	0	0	0	0	27	176
58439	58805	2040	2041	8	0	93	50	0	0	0	0	0	0	0	27	177
58805	59170	2041	2042	8	0	93	50	0	0	0	0	0	0	0	27	178
59170	59535	2042	2043	8	0	94	51	0	0	0	0	0	0	0	27	180
59535	59900	2043	2044	8	0	94	51	0	0	0	0	0	0	0	28	181
59900	60266	2044	2045	8	0	95	51	0	0	0	0	0	0	0	28	182
60266	60631	2045	2046	8	0	95	52	0	0	0	0	0	0	0	28	183
60631	60996	2046	2047	8	0	96	52	0	0	0	0	0	0	0	28	184
60996	61361	2047	2048	8	0	96	53	0	0	0	0	0	0	0	28	185
61361	61727	2048	2049	8	0	97	53	0	0	0	0	0	0	0	28	186
61727	62092	2049	2050	8	0	97	53	0	0	0	0	0	0	0	28	187
62092	62457	2050	2051	8	0	97	54	0	0	0	0	0	0	0	28	188
62457	62822	2051	2052	8	0	98	54	0	0	0	0	0	0	0	29	188
62822	63188	2052	2053	8	0	98	54	0	0	0	0	0	0	0	29	189
63188	63553	2053	2054	8	0	98	55	0	0	0	0	0	0	0	29	190
63553	63918	2054	2055	8	0	99	55	0	0	0	0	0	0	0	29	191
63918	64283	2055	2056	8	0	99	55	0	0	0	0	0	0	0	29	191
64283	64649	2056	2057	8	0	99	55	0	0	0	0	0	0	0	29	192
64649	65014	2057	2058	8	0	99	56	0	0	0	0	0	0	0	29	193
65014	65379	2058	2059	8	0	100	56	0	0	0	0	0	0	0	29	193
65379	65744	2059	2060	8	0	100	56	0	0	0	0	0	0	0	29	194
65744	66110	2060	2061	8	0	100	56	0	0	0	0	0	0	0	29	194
66110	66475	2061	2062	8	0	100	57	0	0	0	0	0	0	0	30	195
66475	66840	2062	2063	8	0	101	57	0	0	0	0	0	0	0	30	196
66840	67205	2063	2064	8	0	101	57	0	0	0	0	0	0	0	30	196
67205	67571	2064	2065	8	0	101	57	0	0	0	0	0	0	0	30	196

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
48943	49308	2014	2015	0.0	0.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.0
49308	49673	2015	2016	0.1	0.0	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.4
49673	50039	2016	2017	0.0	0.0	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.5
50039	50404	2017	2018	0.0	0.0	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.6
50404	50769	2018	2019	0.0	0.0	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.7
50769	51134	2019	2020	0.0	0.0	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.8
51134	51500	2020	2021	0.1	0.0	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2.0
51500	51865	2021	2022	0.1	0.0	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2.4
51865	52230	2022	2023	0.1	0.0	1.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2.6
52230	52595	2023	2024	0.1	0.0	1.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2.8
52595	52961	2024	2025	0.1	0.0	1.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.9
52961	53326	2025	2026	0.1	0.0	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.0
53326	53691	2026	2027	0.1	0.0	1.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.1
53691	54056	2027	2028	0.1	0.0	1.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.2
54056	54422	2028	2029	0.1	0.0	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.3
54422	54787	2029	2030	0.1	0.0	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.3
54787	55152	2030	2031	0.1	0.0	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.4
55152	55517	2031	2032	0.1	0.0	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.4
55517	55883	2032	2033	0.1	0.0	1.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.5
55883	56248	2033	2034	0.1	0.0	1.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.5
56248	56613	2034	2035	0.1	0.0	1.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.6
56613	56978	2035	2036	0.1	0.0	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.6
56978	57344	2036	2037	0.1	0.0	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.7
57344	57709	2037	2038	0.2	0.0	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.7
57709	58074	2038	2039	0.2	0.0	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.7
58074	58439	2039	2040	0.2	0.0	1.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.8
58439	58805	2040	2041	0.2	0.0	1.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.8
58805	59170	2041	2042	0.2	0.0	1.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.8
59170	59535	2042	2043	0.2	0.0	1.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.8
59535	59900	2043	2044	0.2	0.0	1.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.9
59900	60266	2044	2045	0.2	0.0	1.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.9
60266	60631	2045	2046	0.2	0.0	1.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.9
60631	60996	2046	2047	0.2	0.0	1.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.9
60996	61361	2047	2048	0.2	0.0	1.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.0
61361	61727	2048	2049	0.2	0.0	1.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.0
61727	62092	2049	2050	0.2	0.0	1.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.0
62092	62457	2050	2051	0.2	0.0	1.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.0
62457	62822	2051	2052	0.2	0.0	1.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.0
62822	63188	2052	2053	0.2	0.0	1.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.0
63188	63553	2053	2054	0.2	0.0	1.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.1
63553	63918	2054	2055	0.2	0.0	1.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.1
63918	64283	2055	2056	0.2	0.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.1
64283	64649	2056	2057	0.2	0.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.1
64649	65014	2057	2058	0.2	0.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.1
65014	65379	2058	2059	0.2	0.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.1
65379	65744	2059	2060	0.2	0.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.1
65744	66110	2060	2061	0.2	0.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.2
66110	66475	2061	2062	0.2	0.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.2
66475	66840	2062	2063	0.2	0.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.2
66840	67205	2063	2064	0.2	0.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.2
67205	67571	2064	2065	0.2	0.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.2

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7B model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
67571	67936	2065	2066	8	0	101	57	0	0	0	0	0	0	0	30	197
67936	68301	2066	2067	8	0	101	58	0	0	0	0	0	0	0	30	197
68301	68666	2067	2068	8	0	102	58	0	0	0	0	0	0	0	30	198
68666	69032	2068	2069	8	0	102	58	0	0	0	0	0	0	0	30	198
69032	69397	2069	2070	9	0	102	58	0	0	0	0	0	0	0	30	199
69397	69762	2070	2071	9	0	102	58	0	0	0	0	0	0	0	30	199
69762	70127	2071	2072	9	0	102	58	0	0	0	0	0	0	0	30	199
70127	70493	2072	2073	9	0	102	58	0	0	0	0	0	0	0	30	200
70493	70858	2073	2074	9	0	103	59	0	0	0	0	0	0	0	30	200
70858	71223	2074	2075	9	0	103	59	0	0	0	0	0	0	0	30	200
71223	71588	2075	2076	9	0	103	59	0	0	0	0	0	0	0	30	201
71588	71954	2076	2077	9	0	103	59	0	0	0	0	0	0	0	31	201
71954	72319	2077	2078	9	0	103	59	0	0	0	0	0	0	0	31	201
72319	72684	2078	2079	9	0	103	59	0	0	0	0	0	0	0	31	202
72684	73049	2079	2080	9	0	103	59	0	0	0	0	0	0	0	31	202
73049	73415	2080	2081	9	0	104	59	0	0	0	0	0	0	0	31	202
73415	73780	2081	2082	9	0	104	60	0	0	0	0	0	0	0	31	203
73780	74145	2082	2083	9	0	104	60	0	0	0	0	0	0	0	31	203
74145	74510	2083	2084	9	0	104	60	0	0	0	0	0	0	0	31	203
74510	74876	2084	2085	9	0	104	60	0	0	0	0	0	0	0	31	203
74876	75241	2085	2086	9	0	104	60	0	0	0	0	0	0	0	31	204
75241	75606	2086	2087	9	0	104	60	0	0	0	0	0	0	0	31	204
75606	75971	2087	2088	9	0	104	60	0	0	0	0	0	0	0	31	204
75971	76337	2088	2089	9	0	104	60	0	0	0	0	0	0	0	31	204
76337	76702	2089	2090	9	0	104	60	0	0	0	0	0	0	0	31	205
76702	77067	2090	2091	9	0	105	60	0	0	0	0	0	0	0	31	205
77067	77432	2091	2092	9	0	105	60	0	0	0	0	0	0	0	31	205
77432	77798	2092	2093	9	0	105	61	0	0	0	0	0	0	0	31	205
77798	78163	2093	2094	9	0	105	61	0	0	0	0	0	0	0	31	205
78163	78528	2094	2095	9	0	105	61	0	0	0	0	0	0	0	31	206
78528	78893	2095	2096	9	0	105	61	0	0	0	0	0	0	0	31	206
78893	79259	2096	2097	9	0	105	61	0	0	0	0	0	0	0	31	206
79259	79624	2097	2098	9	0	105	61	0	0	0	0	0	0	0	31	206
79624	79989	2098	2099	9	0	105	61	0	0	0	0	0	0	0	31	206
79989	80354	2099	2100	9	0	105	61	0	0	0	0	0	0	0	31	207
80354	80719	2100	2101	9	0	105	61	0	0	0	0	0	0	0	31	207
80719	81084	2101	2102	9	0	105	61	0	0	0	0	0	0	0	31	207
81084	81449	2102	2103	9	0	105	61	0	0	0	0	0	0	0	31	207
81449	81814	2103	2104	9	0	106	61	0	0	0	0	0	0	0	32	207
81814	82180	2104	2105	9	0	106	61	0	0	0	0	0	0	0	32	207
82180	82545	2105	2106	9	0	106	61	0	0	0	0	0	0	0	32	208
82545	82910	2106	2107	9	0	106	61	0	0	0	0	0	0	0	32	208
82910	83275	2107	2108	9	0	106	61	0	0	0	0	0	0	0	32	208
83275	83641	2108	2109	9	0	106	62	0	0	0	0	0	0	0	32	208
83641	84006	2109	2110	9	0	106	62	0	0	0	0	0	0	0	32	208
84006	84371	2110	2111	9	0	106	62	0	0	0	0	0	0	0	32	208
84371	84736	2111	2112	9	0	106	62	0	0	0	0	0	0	0	32	209
84736	85102	2112	2113	9	0	106	62	0	0	0	0	0	0	0	32	209
85102	85467	2113	2114	9	0	106	62	0	0	0	0	0	0	0	32	209

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
67571	67936	2065	2066	0.2	0.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.2
67936	68301	2066	2067	0.2	0.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.2
68301	68666	2067	2068	0.2	0.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.2
68666	69032	2068	2069	0.2	0.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.2
69032	69397	2069	2070	0.2	0.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.2
69397	69762	2070	2071	0.2	0.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.3
69762	70127	2071	2072	0.2	0.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.3
70127	70493	2072	2073	0.2	0.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.3
70493	70858	2073	2074	0.2	0.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.3
70858	71223	2074	2075	0.2	0.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.3
71223	71588	2075	2076	0.2	0.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.3
71588	71954	2076	2077	0.2	0.0	2.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.3
71954	72319	2077	2078	0.2	0.0	2.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.3
72319	72684	2078	2079	0.2	0.0	2.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.3
72684	73049	2079	2080	0.2	0.0	2.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.3
73049	73415	2080	2081	0.2	0.0	2.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.3
73415	73780	2081	2082	0.2	0.0	2.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.3
73780	74145	2082	2083	0.2	0.0	2.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.3
74145	74510	2083	2084	0.2	0.0	2.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.3
74510	74876	2084	2085	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.3
74876	75241	2085	2086	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.3
75241	75606	2086	2087	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
75606	75971	2087	2088	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
75971	76337	2088	2089	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
76337	76702	2089	2090	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
76702	77067	2090	2091	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
77067	77432	2091	2092	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
77432	77798	2092	2093	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
77798	78163	2093	2094	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
78163	78528	2094	2095	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
78528	78893	2095	2096	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
78893	79259	2096	2097	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
79259	79624	2097	2098	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
79624	79989	2098	2099	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
79989	80354	2099	2100	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
80354	80719	2100	2101	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
80719	81084	2101	2102	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
81084	81449	2102	2103	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
81449	81814	2103	2104	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
81814	82180	2104	2105	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
82180	82545	2105	2106	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
82545	82910	2106	2107	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
82910	83275	2107	2108	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
83275	83641	2108	2109	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
83641	84006	2109	2110	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
84006	84371	2110	2111	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.4
84371	84736	2111	2112	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.5
84736	85102	2112	2113	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.5
85102	85467	2113	2114	0.2	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.5

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7B model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																																
0	1	1880	1880	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
1	1827	1880	1885	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
1827	3653	1885	1890	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
3653	5479	1890	1895	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
5479	7305	1895	1900	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
7305	9131	1900	1905	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
9131	10957	1905	1910	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
10957	12783	1910	1915	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
12783	14609	1915	1920	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
14609	16436	1920	1925	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
16436	18262	1925	1930	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
18262	20088	1930	1935	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
20088	21914	1935	1940	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
21914	23741	1940	1945	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
23741	25567	1945	1950	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	42	96
25567	27393	1950	1955	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	44	98
27393	29219	1955	1960	0	0	0	1	26	8	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	45	99
29219	31046	1960	1965	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	0	0	0	0	5	45	122
31046	32872	1965	1970	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	0	0	0	6	45	126
32872	34698	1970	1975	0	0	0	1	28	9	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	16	0	0	0	1	58	45	253
34698	36524	1975	1980	0	0	0	1	35	13	32	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	84	22	0	0	0	5	80	46	323
36524	37255	1980	1982	0	0	1	2	83	45	141	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	119	43	5	0	34	10	128	47	671
37255	37985	1982	1984	0	0	1	3	98	51	157	10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	131	50	6	0	36	16	148	48	768
37985	38351	1984	1985	0	0	1	3	102	51	157	11	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	131	53	6	0	36	18	150	49	782
38351	38716	1985	1986	0	0	1	5	191	83	221	14	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	132	54	6	0	36	20	160	51	988
38716	39446	1986	1988	1	0	3	9	269	113	286	22	1	0	0	0	0	0	0	0	0	1	0	0	0	3	13	132	56	6	0	36	29	183	56	1218
39446	39812	1988	1989	1	0	4	10	287	118	296	24	1	0	0	0	0	0	0	0	0	1	0	0	0	4	14	130	57	6	0	36	32	188	60	1269
39812	40177	1989	1990	2	0	5	10	298	121	301	25	2	0	0	0	0	0	0	0	1	2	0	0	0	4	13	126	57	6	0	36	35	189	64	1298
40177	40542	1990	1991	16	0	5	12	323	142	414	34	2	0	0	0	0	0	0	0	1	2	0	0	0	4	14	149	71	7	0	37	37	201	152	1623
40542	40907	1991	1992	21	0	6	12	337	148	428	37	2	0	0	0	0	0	0	0	1	2	0	0	0	5	16	159	79	7	0	39	40	214	173	1727
40907	41273	1992	1993	23	0	7	13	346	151	436	39	3	0	0	0	0	0	0	0	1	2	0	0	0	6	18	165	84	8	0	41	43	224	184	1795
41273	41638	1993	1994	25	0	8	14	353	154	443	41	3	0	0	0	0	0	0	0	1	3	0	0	0	6	19	170	88	8	0	42	46	232	192	1846
41638	42003	1994	1995	26	0	8	14	359	156	447	42	3	0	0	0	0	0	0	0	1	3	0	0	0	6	20	174	91	8	0	43	47	238	193	1882
42003	42368	1995	1996	27	0	9	15	397	167	461	43	4	0	0	0	0	0	0	0	1	3	0	0	0	7	21	177	93	8	0	43	49	244	238	2008
42368	42734	1996	1997	28	0	9	16	404	170	467	43	4	0	0	0	0	0	0	0	1	3	0	0	0	7	21	180	95	9	0	44	50	248	250	2051
42734	43099	1997	1998	29	0	9	16	409	172	471	44	4	0	0	0	0	0	0	0	2	3	0	0	0	7	22	182	97	9	0	44	51	252	257	2082
43099	43464	1998	1999	29	0	10	17	413	173	474	45	4	0	0	0	0	0	0	0	2	3	0	0	0	7	22	182	98	9	0	44	52	253	262	2100
43464	43829	1999	2000	30	0	10	17	416	175	477	45	4	0	0	0	0	0	0	0	2	3	0	0	0	8	22	183	99	9	0	45	53	254	266	2117
43829	44195	2000	2001	30	0	10	18	444	181	482	46	4	0	0	0	0	0	0	1	2	4	0	0	0	8	23	190	123	8	0	31	53	259	259	2175
44195	44560	2001	2002	30	0	11	18	460	186	491	46	5	0	0	0	0	0	0	1	2	4	0	0	0	8	23	194	130	8	0	31	54	262	249	2211
44560	44925	2002	2003	30	0	11	16	354	137	324	37	4	0	0	0	0	0	0	1	2	4	0	0	0	8	23	193	132	8	0	31	54	250	238	1857
44925	45290	2003	2004	29	0	11	14	301	114	268	31	4	0	0	0	0	0	0	1	2	3	0	0	0	8	21	189	133	8	0	31	49	226	226	1667
45290	45656	2004	2005	27	0	10	13	274	102	238	26	3	0	0	0	0	0	0	0	1	3	0	0	0	7	18	183	133	8	0	31	43	203	221	1545
45656	46021	2005	2006	25	0	9	12	257	95	220	23	2	0	0	0	0	0	0	0	1	3	0	0	0	6	15	176	133	8	0	31	38	184	219	1458
46021	46386	2006	2007	24	0	9	12	246	90	208	21	2	0	0	0	0	0	0	0	1	2	0	0	0	5	13	168	132	8	0	31	35	171	213	1390
46386	46751	2007	2008	23	0	9	11	238	86	198	19	2	0	0	0	0	0	0	0	1	2	0	0	0	4	10	161	132	8	0	31	32	158	206	1332
46751	47117	2008	2009	22	0	9	11	232	83	189	18	1	0	0	0	0	0	0	0	1	2	0	0	0	4	8	153	131	8	0	31	30	147	197	1276
47117	47482	2009	2010	20	0	9	11	225	80	180	17	1	0	0	0	0	0	0	0	0	1	0	0	0	3	6	146	130	8	0	31	28	135	186	1219
47482	47847	2010	2011	20	0	9	11	221	77	173	16	1	0	0	0	0	0	0	0	0	1	0	0	0	3	4	139	129	8	0	31	26	126	183	1178
47847	48212	2011	2012	19	0	9	10	218	75	166	15	1	0	0	0	0	0	0	0	0	1	0	0	0	2	3	134	128	8	0	31	25	118	181	1145
48212	48578	2012	2013	19	0	8	10	216	74	162	14	1	0	0	0	0	0	0	0	0	1	0	0	0	2	2	131	127	8	0	31	23	113	179	1121
48578	48943	2013	2014	19	0	8	10	214	73	159	14	1	0	0	0	0	0	0	0	0	1	0	0	0	2	2	128	126	8	0	31	22	109	178	1105

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (S7B model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																																
48943	49308	2014	2015	12	0	1	0	0	0	25	11	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	84	62	6	0	26	20	84	17	352
49308	49673	2015	2016	4	0	0	0	0	0	5	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	13	4	0	22	15	42	9	149
49673	50039	2016	2017	1	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	3	0	19	7	13	4	57
50039	50404	2017	2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	18	2	2	1	28
50404	50769	2018	2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	17	0	0	0	20
50769	51134	2019	2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	16	0	0	0	19
51134	51500	2020	2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	0	22	0	0	0	29
51500	51865	2021	2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	4	0	26	0	0	0	36
51865	52230	2022	2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	4	0	27	0	0	0	40
52230	52595	2023	2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	5	0	28	0	0	0	42
52595	52961	2024	2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	5	0	29	0	0	0	43
52961	53326	2025	2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	5	0	29	0	0	0	45
53326	53691	2026	2027	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	5	0	30	0	0	0	49
53691	54056	2027	2028	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	5	0	30	0	2	0	54
54056	54422	2028	2029	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	5	0	30	0	3	0	58
54422	54787	2029	2030	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	5	0	30	0	5	0	61
54787	55152	2030	2031	0	0	0	0	0	0	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	5	0	31	0	6	0	65
55152	55517	2031	2032	0	0	0	0	0	0	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	5	0	31	0	8	0	69
55517	55883	2032	2033	0	0	0	0	0	0	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	5	0	31	1	9	0	73
55883	56248	2033	2034	0	0	0	0	0	0	14	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	5	0	31	1	10	0	76
56248	56613	2034	2035	0	0	0	0	0	0	15	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	5	0	31	1	11	0	79
56613	56978	2035	2036	0	0	0	0	0	0	16	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	6	0	31	2	12	0	82
56978	57344	2036	2037	0	0	0	0	0	0	16	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	6	0	32	2	13	0	84
57344	57709	2037	2038	0	0	0	0	0	0	17	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	6	0	32	3	14	0	87
57709	58074	2038	2039	0	0	0	0	0	0	18	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	6	0	32	3	15	0	89
58074	58439	2039	2040	0	0	0	0	0	0	18	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	6	0	32	3	16	0	91
58439	58805	2040	2041	0	0	0	0	0	0	18	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	6	0	32	3	16	0	93
58805	59170	2041	2042	0	0	0	0	0	0	19	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	6	0	32	4	17	0	94
59170	59535	2042	2043	0	0	0	0	0	0	19	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	6	0	32	4	17	0	96
59535	59900	2043	2044	0	0	0	0	0	0	19	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	6	0	32	4	18	0	97
59900	60266	2044	2045	0	0	0	0	0	0	20	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	6	0	33	4	19	0	99
60266	60631	2045	2046	0	0	0	0	0	0	20	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	6	0	33	5	19	0	100
60631	60996	2046	2047	0	0	0	0	0	0	20	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	6	0	33	5	19	0	101
60996	61361	2047	2048	0	0	0	0	0	0	20	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	6	0	33	5	20	0	103
61361	61727	2048	2049	0	0	0	0	0	0	21	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	6	0	33	5	20	0	104
61727	62092	2049	2050	0	0	0	0	0	0	21	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	6	0	33	5	21	0	105
62092	62457	2050	2051	0	0	0	0	0	0	21	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	6	0	33	5	21	0	106
62457	62822	2051	2052	0	0	0	0	0	0	21	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	6	0	33	5	21	0	106
62822	63188	2052	2053	0	0	0	0	0	0	21	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	6	0	33	6	22	0	107
63188	63553	2053	2054	0	0	0	0	0	0	22	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	6	0	33	6	22	0	108
63553	63918	2054	2055	0	0	0	0	0	0	22	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	6	0	33	6	22	0	109
63918	64283	2055	2056	0	0	0	0	0	0	22	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	6	0	33	6	23	0	110
64283	64649	2056	2057	0	0	0	0	0	0	22	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	0	33	6	23	0	110
64649	65014	2057	2058	0	0	0	0	0	0	22	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	0	33	6	23	0	111
65014	65379	2058	2059	0	0	0	0	0	0	22	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	0	33	6	23	0	112
65379	65744	2059	2060	0	0	0	0	0	0	22	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	0	34	6	23	0	112
65744	66110	2060	2061	0	0	0	0	0	0	22	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	0	34	7	24	0	113
66110	66475	2061	2062	0	0	0	0	0	0	22	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	0	34	7	24	0	113
66475	66840	2062	2063	0	0	0	0	0	0	23	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	0	34	7	24	0	114
66840	67205	2063	2064	0	0	0	0	0	0	23	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	0	34	7	24	0	114
67205	67571	2064	2065	0	0	0	0	0	0	23	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	0	34	7	24	0	115

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (S7B model)

				Central Murtho																															
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																															
67571	67936	2065	2066	0	0	0	0	0	0	23	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	0	34	7	25	0	115
67936	68301	2066	2067	0	0	0	0	0	0	23	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	0	34	7	25	0	116
68301	68666	2067	2068	0	0	0	0	0	0	23	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	0	34	7	25	0	116
68666	69032	2068	2069	0	0	0	0	0	0	23	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	0	34	7	25	0	116
69032	69397	2069	2070	0	0	0	0	0	0	23	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	0	34	7	25	0	117
69397	69762	2070	2071	0	0	0	0	0	0	23	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	0	34	7	25	0	117
69762	70127	2071	2072	0	0	0	0	0	0	23	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	6	0	34	7	25	0	118
70127	70493	2072	2073	0	0	0	0	0	0	23	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	6	0	34	7	26	0	118
70493	70858	2073	2074	0	0	0	0	0	0	23	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	6	0	34	7	26	0	118
70858	71223	2074	2075	0	0	0	0	0	0	23	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	6	0	34	7	26	0	119
71223	71588	2075	2076	0	0	0	0	0	0	23	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	6	0	34	7	26	0	119
71588	71954	2076	2077	0	0	0	0	0	0	23	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	26	0	119
71954	72319	2077	2078	0	0	0	0	0	0	24	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	26	0	120
72319	72684	2078	2079	0	0	0	0	0	0	24	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	26	0	120
72684	73049	2079	2080	0	0	0	0	0	0	24	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	26	0	120
73049	73415	2080	2081	0	0	0	0	0	0	24	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	26	0	120
73415	73780	2081	2082	0	0	0	0	0	0	24	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	26	0	121
73780	74145	2082	2083	0	0	0	0	0	0	24	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	27	0	121
74145	74510	2083	2084	0	0	0	0	0	0	24	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	27	0	121
74510	74876	2084	2085	0	0	0	0	0	0	24	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	27	0	121
74876	75241	2085	2086	0	0	0	0	0	0	24	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	27	0	122
75241	75606	2086	2087	0	0	0	0	0	0	24	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	27	0	122
75606	75971	2087	2088	0	0	0	0	0	0	24	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	27	0	122
75971	76337	2088	2089	0	0	0	0	0	0	24	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	27	0	122
76337	76702	2089	2090	0	0	0	0	0	0	24	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	27	0	123
76702	77067	2090	2091	0	0	0	0	0	0	24	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	27	0	123
77067	77432	2091	2092	0	0	0	0	0	0	24	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	27	0	123
77432	77798	2092	2093	0	0	0	0	0	0	24	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	27	0	123
77798	78163	2093	2094	0	0	0	0	0	0	24	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	27	0	123
78163	78528	2094	2095	0	0	0	0	0	0	24	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	27	0	123
78528	78893	2095	2096	0	0	0	0	0	0	24	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	27	0	124
78893	79259	2096	2097	0	0	0	0	0	0	24	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	28	0	124
79259	79624	2097	2098	0	0	0	0	0	0	24	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	28	0	124
79624	79989	2098	2099	0	0	0	0	0	0	24	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	28	0	124
79989	80354	2099	2100	0	0	0	0	0	0	25	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	28	0	124
80354	80719	2100	2101	0	0	0	0	0	0	25	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	34	8	28	0	124
80719	81084	2101	2102	0	0	0	0	0	0	25	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	7	0	34	8	28	0	125
81084	81449	2102	2103	0	0	0	0	0	0	25	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	7	0	34	8	28	0	125
81449	81814	2103	2104	0	0	0	0	0	0	25	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	7	0	35	8	28	0	125
81814	82180	2104	2105	0	0	0	0	0	0	25	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	7	0	35	8	28	0	125
82180	82545	2105	2106	0	0	0	0	0	0	25	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	7	0	35	8	28	0	125
82545	82910	2106	2107	0	0	0	0	0	0	25	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	7	0	35	8	28	0	125
82910	83275	2107	2108	0	0	0	0	0	0	25	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	7	0	35	8	28	0	125
83275	83641	2108	2109	0	0	0	0	0	0	25	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	7	0	35	8	28	0	126
83641	84006	2109	2110	0	0	0	0	0	0	25	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	7	0	35	8	28	0	126
84006	84371	2110	2111	0	0	0	0	0	0	25	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	7	0	35	8	28	0	126
84371	84736	2111	2112	0	0	0	0	0	0	25	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	7	0	35	8	28	0	126
84736	85102	2112	2113	0	0	0	0	0	0	25	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	7	0	35	8	28	0	126
85102	85467	2113	2114	0	0	0	0	0	0	25	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	7	0	35	8	28	0	126

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (S7B model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																																
0	1	1880	1880	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
1	1827	1880	1885	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
1827	3653	1885	1890	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
3653	5479	1890	1895	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
5479	7305	1895	1900	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
7305	9131	1900	1905	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
9131	10957	1905	1910	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
10957	12783	1910	1915	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
12783	14609	1915	1920	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
14609	16436	1920	1925	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
16436	18262	1925	1930	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
18262	20088	1930	1935	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
20088	21914	1935	1940	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
21914	23741	1940	1945	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
23741	25567	1945	1950	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
25567	27393	1950	1955	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
27393	29219	1955	1960	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
29219	31046	1960	1965	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.2	0.4	2.3
31046	32872	1965	1970	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.2	0.4	2.4
32872	34698	1970	1975	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.3	0.0	0.0	0.0	0.0	1.7	0.4	6.5
34698	36524	1975	1980	0.0	0.0	0.0	0.0	0.7	0.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.3	0.5	0.0	0.0	0.0	0.0	2.3	0.4	8.4
36524	37255	1980	1982	0.0	0.0	0.0	0.0	1.6	0.7	3.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	4.6	0.9	0.1	0.0	0.7	0.1	3.7	0.4	16.8
37255	37985	1982	1984	0.0	0.0	0.0	0.1	1.9	0.9	3.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.1	0.1	0.0	0.7	0.1	4.3	0.4	19.2
37985	38351	1984	1985	0.0	0.0	0.0	0.1	2.0	0.9	3.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.1	0.1	0.0	0.7	0.2	4.4	0.4	19.5
38351	38716	1985	1986	0.0	0.0	0.0	0.1	3.8	1.4	5.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.2	0.1	0.0	0.7	0.2	4.7	0.4	23.8
38716	39446	1986	1988	0.0	0.0	0.0	0.2	5.3	1.9	7.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	5.1	1.2	0.1	0.0	0.7	0.2	5.4	0.5	28.6
39446	39812	1988	1989	0.0	0.0	0.0	0.2	5.7	2.0	7.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	5.1	1.2	0.1	0.0	0.7	0.3	5.5	0.5	29.6
39812	40177	1989	1990	0.0	0.0	0.0	0.2	5.9	2.0	7.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.5	4.9	1.2	0.1	0.0	0.7	0.3	5.5	0.6	30.0
40177	40542	1990	1991	0.1	0.0	0.0	0.2	6.4	2.4	10.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.6	5.8	1.5	0.1	0.0	0.7	0.3	5.9	1.3	36.3
40542	40907	1991	1992	0.2	0.0	0.1	0.2	6.6	2.5	10.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.6	6.2	1.7	0.1	0.0	0.8	0.3	6.3	1.5	38.4
40907	41273	1992	1993	0.2	0.0	0.1	0.3	6.8	2.5	10.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.7	6.4	1.8	0.1	0.0	0.8	0.4	6.6	1.6	39.9
41273	41638	1993	1994	0.2	0.0	0.1	0.3	7.0	2.6	10.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.7	6.6	1.9	0.2	0.0	0.8	0.4	6.8	1.7	41.0
41638	42003	1994	1995	0.2	0.0	0.1	0.3	7.1	2.6	11.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	6.8	2.0	0.2	0.0	0.8	0.4	7.0	1.7	41.8
42003	42368	1995	1996	0.2	0.0	0.1	0.3	7.8	2.8	11.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	6.9	2.0	0.2	0.0	0.8	0.4	7.1	2.1	43.9
42368	42734	1996	1997	0.2	0.0	0.1	0.3	8.0	2.9	11.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	7.0	2.1	0.2	0.0	0.9	0.4	7.3	2.2	44.8
42734	43099	1997	1998	0.3	0.0	0.1	0.3	8.1	2.9	11.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.1	2.1	0.2	0.0	0.9	0.4	7.4	2.2	45.4
43099	43464	1998	1999	0.3	0.0	0.1	0.3	8.1	2.9	11.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.1	2.1	0.2	0.0	0.9	0.4	7.4	2.3	45.7
43464	43829	1999	2000	0.3	0.0	0.1	0.3	8.2	2.9	11.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.1	2.1	0.2	0.0	0.9	0.4	7.4	2.3	46.0
43829	44195	2000	2001	0.3	0.0	0.1	0.3	8.8	3.0	11.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.4	2.6	0.2	0.0	0.6	0.4	7.6	2.3	47.5
44195	44560	2001	2002	0.3	0.0	0.1	0.4	9.1	3.1	12.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.6	2.8	0.2	0.0	0.6	0.5	7.7	2.2	48.4
44560	44925	2002	2003	0.3	0.0	0.1	0.3	7.0	2.3	7.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.5	2.9	0.2	0.0	0.6	0.4	7.3	2.1	40.9
44925	45290	2003	2004	0.3	0.0	0.1	0.3	5.9	1.9	6.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	7.4	2.9	0.2	0.0	0.6	0.4	6.6	2.0	36.8
45290	45656	2004	2005	0.2	0.0	0.1	0.3	5.4	1.7	5.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.7	7.1	2.9	0.2	0.0	0.6	0.4	5.9	1.9	34.0
45656	46021	2005	2006	0.2	0.0	0.1	0.2	5.1	1.6	5.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.6	6.8	2.9	0.2	0.0	0.6	0.3	5.4	1.9	32.0
46021	46386	2006	2007	0.2	0.0	0.1	0.2	4.9	1.5	5.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.5	6.6	2.9	0.2	0.0	0.6	0.3	5.0	1.9	30.4
46386	46751	2007	2008	0.2	0.0	0.1	0.2	4.7	1.4	4.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.4	6.3	2.8	0.2	0.0	0.6	0.3	4.6	1.8	29.0
46751	47117	2008	2009	0.2	0.0	0.1	0.2	4.6	1.4	4.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.3	6.0	2.8	0.2	0.0	0.6	0.3	4.3	1.7	27.7
47117	47482	2009	2010	0.2	0.0	0.1	0.2	4.4	1.3	4.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.2	5.7	2.8	0.2	0.0	0.6	0.2	4.0	1.6	26.4
47482	47847	2010	2011	0.2	0.0	0.1	0.2	4.4	1.3	4.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	5.4	2.8	0.2	0.0	0.6	0.2	3.7	1.6	25.4
47847	48212	2011	2012	0.2	0.0	0.1	0.2	4.3	1.3	4.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.2	2.8	0.2	0.0	0.6	0.2	3.5	1.6	24.5
48212	48578	2012	2013	0.2	0.0	0.1	0.2	4.3	1.2	4.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.1	2.7	0.2	0.0	0.6	0.2	3.3	1.6	23.9
48578	48943	2013	2014	0.2	0.0	0.1	0.2	4.2	1.2	3.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.0	2.7	0.2	0.0	0.6	0.2	3.2	1.6	23.6

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7B model)

				Central Murtho																															
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																															
48943	49308	2014	2015	0.1	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	3.3	1.3	0.1	0.0	0.5	0.2	2.5	0.1	9.0
49308	49673	2015	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.3	0.1	0.0	0.4	0.1	1.2	0.1	3.6
49673	50039	2016	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.4	0.1	0.4	0.0	1.1
50039	50404	2017	2018	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.5
50404	50769	2018	2019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.4
50769	51134	2019	2020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.4
51134	51500	2020	2021	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.4	0.0	0.0	0.0	0.6
51500	51865	2021	2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.5	0.0	0.0	0.0	0.7
51865	52230	2022	2023	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.5	0.0	0.0	0.0	0.8
52230	52595	2023	2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.6	0.0	0.0	0.0	0.8
52595	52961	2024	2025	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.6	0.0	0.0	0.0	0.9
52961	53326	2025	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.6	0.0	0.0	0.0	0.9
53326	53691	2026	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.6	0.0	0.0	0.0	1.0
53691	54056	2027	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.6	0.0	0.1	0.0	1.1
54056	54422	2028	2029	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.6	0.0	0.1	0.0	1.2
54422	54787	2029	2030	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.6	0.0	0.1	0.0	1.3
54787	55152	2030	2031	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.6	0.0	0.2	0.0	1.4
55152	55517	2031	2032	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.2	0.0	1.5
55517	55883	2032	2033	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.3	0.0	1.6
55883	56248	2033	2034	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.3	0.0	1.7
56248	56613	2034	2035	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.3	0.0	1.7
56613	56978	2035	2036	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.4	0.0	1.8
56978	57344	2036	2037	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.4	0.0	1.8
57344	57709	2037	2038	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.4	0.0	1.9
57709	58074	2038	2039	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.4	0.0	1.9
58074	58439	2039	2040	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.5	0.0	2.0
58439	58805	2040	2041	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.5	0.0	2.0
58805	59170	2041	2042	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.5	0.0	2.1
59170	59535	2042	2043	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.5	0.0	2.1
59535	59900	2043	2044	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.5	0.0	2.1
59900	60266	2044	2045	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.5	0.0	2.2
60266	60631	2045	2046	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.6	0.0	2.2
60631	60996	2046	2047	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.6	0.0	2.2
60996	61361	2047	2048	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.6	0.0	2.3
61361	61727	2048	2049	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.6	0.0	2.3
61727	62092	2049	2050	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.6	0.0	2.3
62092	62457	2050	2051	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.6	0.0	2.3
62457	62822	2051	2052	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.6	0.0	2.3
62822	63188	2052	2053	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.6	0.0	2.4
63188	63553	2053	2054	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.7	0.0	0.6	0.0	2.4
63553	63918	2054	2055	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.7	0.0	0.7	0.0	2.4
63918	64283	2055	2056	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.7	0.1	0.7	0.0	2.4
64283	64649	2056	2057	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.7	0.1	0.7	0.0	2.4
64649	65014	2057	2058	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.7	0.1	0.7	0.0	2.4
65014	65379	2058	2059	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.7	0.1	0.7	0.0	2.5
65379	65744	2059	2060	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.7	0.1	0.7	0.0	2.5
65744	66110	2060	2061	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.7	0.1	0.7	0.0	2.5
66110	66475	2061	2062	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.7	0.1	0.7	0.0	2.5
66475	66840	2062	2063	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.7	0.1	0.7	0.0	2.5
66840	67205	2063	2064	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.7	0.1	0.7	0.0	2.5
67205	67571	2064	2065	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.7	0.1	0.7	0.0	2.5

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7B model)

				Central Murtho																															
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																															
67571	67936	2065	2066	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.7	0.1	0.7	0.0	2.5
67936	68301	2066	2067	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.7	0.0	2.5
68301	68666	2067	2068	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.7	0.0	2.5
68666	69032	2068	2069	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.7	0.0	2.6
69032	69397	2069	2070	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.7	0.0	2.6
69397	69762	2070	2071	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.7	0.0	2.6
69762	70127	2071	2072	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.7	0.0	2.6
70127	70493	2072	2073	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.7	0.0	2.6
70493	70858	2073	2074	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.6
70858	71223	2074	2075	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.6
71223	71588	2075	2076	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.6
71588	71954	2076	2077	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.6
71954	72319	2077	2078	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.6
72319	72684	2078	2079	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.6
72684	73049	2079	2080	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.6
73049	73415	2080	2081	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.6
73415	73780	2081	2082	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.6
73780	74145	2082	2083	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
74145	74510	2083	2084	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
74510	74876	2084	2085	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
74876	75241	2085	2086	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
75241	75606	2086	2087	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
75606	75971	2087	2088	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
75971	76337	2088	2089	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
76337	76702	2089	2090	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
76702	77067	2090	2091	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
77067	77432	2091	2092	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
77432	77798	2092	2093	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
77798	78163	2093	2094	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
78163	78528	2094	2095	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
78528	78893	2095	2096	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
78893	79259	2096	2097	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
79259	79624	2097	2098	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
79624	79989	2098	2099	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
79989	80354	2099	2100	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
80354	80719	2100	2101	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
80719	81084	2101	2102	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
81084	81449	2102	2103	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
81449	81814	2103	2104	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
81814	82180	2104	2105	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
82180	82545	2105	2106	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.7
82545	82910	2106	2107	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.8
82910	83275	2107	2108	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.8
83275	83641	2108	2109	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.8
83641	84006	2109	2110	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.8
84006	84371	2110	2111	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.8
84371	84736	2111	2112	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.8
84736	85102	2112	2113	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.8
85102	85467	2113	2114	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.1	0.8	0.0	2.8

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7B model)

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
0	1	1880	1880	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6381
1	1827	1880	1885	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
1827	3653	1885	1890	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
3653	5479	1890	1895	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
5479	7305	1895	1900	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
7305	9131	1900	1905	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
9131	10957	1905	1910	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
10957	12783	1910	1915	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
12783	14609	1915	1920	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
14609	16436	1920	1925	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
16436	18262	1925	1930	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
18262	20088	1930	1935	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
20088	21914	1935	1940	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
21914	23741	1940	1945	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
23741	25567	1945	1950	2722	1318	1230	588	149	62	133	89	96	85	66	17	4	95	13	0	0	72	6738
25567	27393	1950	1955	2722	1318	1230	590	153	62	135	89	96	86	67	17	4	98	13	0	0	74	6756
27393	29219	1955	1960	2722	1318	1230	591	154	62	136	89	96	86	67	17	4	99	14	0	0	75	6761
29219	31046	1960	1965	2722	1318	1230	588	152	62	132	89	96	85	66	17	4	98	14	0	0	74	6747
31046	32872	1965	1970	2722	1318	1230	588	152	62	132	89	96	85	66	17	4	98	14	0	0	74	6748
32872	34698	1970	1975	2722	1318	1230	588	153	62	133	89	96	85	66	17	4	99	14	0	0	74	6749
34698	36524	1975	1980	2722	1318	1230	586	151	62	129	88	95	84	65	17	4	98	14	0	0	73	6734
36524	37255	1980	1982	2722	1318	1230	586	151	62	129	89	95	84	65	17	4	98	14	0	0	73	6735
37255	37985	1982	1984	2722	1318	1230	586	151	62	129	89	95	84	66	17	4	98	14	0	0	73	6736
37985	38351	1984	1985	2722	1318	1230	584	150	62	128	88	95	84	65	17	4	98	14	0	0	73	6732
38351	38716	1985	1986	2722	1318	1230	584	150	62	127	88	95	84	65	17	4	98	14	0	0	73	6731
38716	39446	1986	1988	2722	1318	1230	584	150	62	127	88	95	84	65	17	4	99	15	0	0	73	6734
39446	39812	1988	1989	2722	1318	1230	584	150	62	127	88	95	84	66	17	4	100	15	0	0	73	6736
39812	40177	1989	1990	2722	1318	1230	584	150	62	128	88	95	84	66	17	4	101	15	0	0	74	6738
40177	40542	1990	1991	2722	1318	1230	585	157	63	144	91	98	91	75	18	5	126	27	0	0	96	6846
40542	40907	1991	1992	2722	1318	1230	588	166	64	158	93	101	98	82	19	6	143	30	0	0	108	6927
40907	41273	1992	1993	2722	1318	1230	590	171	64	165	94	102	100	86	19	6	151	32	0	0	114	6967
41273	41638	1993	1994	2722	1319	1230	591	175	65	168	95	103	102	87	20	7	156	34	0	0	118	6990
41638	42003	1994	1995	2722	1319	1230	592	176	65	168	95	103	102	87	20	7	157	34	0	0	117	6992
42003	42368	1995	1996	2722	1319	1230	592	176	65	168	95	103	102	89	20	7	172	42	0	0	127	7029
42368	42734	1996	1997	2722	1319	1230	593	177	65	171	96	104	104	92	20	8	185	47	0	0	134	7066
42734	43099	1997	1998	2722	1319	1230	593	179	65	174	96	105	106	94	21	8	192	49	0	0	139	7091
43099	43464	1998	1999	2722	1319	1230	594	180	65	176	97	105	107	95	21	8	197	51	0	0	142	7108
43464	43829	1999	2000	2722	1319	1230	594	180	66	177	97	105	107	96	21	8	201	52	0	0	144	7120
43829	44195	2000	2001	2722	1319	1230	593	180	65	174	96	105	106	95	21	8	198	50	0	0	141	7104
44195	44560	2001	2002	2722	1319	1230	590	178	65	167	95	104	104	92	21	8	192	48	0	0	136	7070
44560	44925	2002	2003	2722	1319	1230	588	175	65	160	94	102	101	88	20	7	184	45	0	0	129	7029
44925	45290	2003	2004	2722	1319	1230	585	172	64	151	93	101	97	85	20	7	175	42	0	0	121	6984
45290	45656	2004	2005	2722	1319	1230	581	168	63	143	92	100	95	81	20	7	169	41	0	0	116	6946
45656	46021	2005	2006	2722	1319	1230	579	165	63	139	91	99	93	80	19	6	166	40	0	0	114	6926
46021	46386	2006	2007	2722	1319	1230	576	162	63	134	90	98	91	77	19	6	161	39	0	0	110	6899
46386	46751	2007	2008	2722	1319	1230	573	159	62	128	90	97	89	75	19	6	156	38	0	0	106	6869
46751	47117	2008	2009	2722	1319	1230	570	155	62	122	89	96	87	73	19	6	151	36	0	0	101	6837
47117	47482	2009	2010	2722	1319	1230	567	152	61	115	88	95	85	70	18	5	145	34	0	0	96	6802
47482	47847	2010	2011	2722	1319	1230	563	148	61	110	87	94	83	68	18	5	140	34	0	0	92	6774
47847	48212	2011	2012	2722	1319	1230	560	145	60	105	86	93	81	66	18	5	137	33	0	0	90	6751
48212	48578	2012	2013	2722	1319	1230	556	142	60	100	86	93	80	65	18	5	135	33	0	0	87	6731
48578	48943	2013	2014	2722	1319	1230	553	140	60	96	85	92	78	63	18	5	133	32	0	0	85	6712

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
0	1	1880	1880	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
1	1827	1880	1885	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
1827	3653	1885	1890	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
3653	5479	1890	1895	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
5479	7305	1895	1900	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
7305	9131	1900	1905	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
9131	10957	1905	1910	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
10957	12783	1910	1915	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
12783	14609	1915	1920	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
14609	16436	1920	1925	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
16436	18262	1925	1930	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
18262	20088	1930	1935	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
20088	21914	1935	1940	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
21914	23741	1940	1945	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
23741	25567	1945	1950	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.0	1.8	1.4	0.4	0.1	2.0	0.3	0.0	0.0	2.0	24.8
25567	27393	1950	1955	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	25.0
27393	29219	1955	1960	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	25.1
29219	31046	1960	1965	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
31046	32872	1965	1970	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
32872	34698	1970	1975	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
34698	36524	1975	1980	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
36524	37255	1980	1982	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
37255	37985	1982	1984	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
37985	38351	1984	1985	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
38351	38716	1985	1986	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
38716	39446	1986	1988	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
39446	39812	1988	1989	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.8
39812	40177	1989	1990	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.2	0.3	0.0	0.0	2.1	24.8
40177	40542	1990	1991	3.7	1.8	1.7	0.8	0.6	1.4	3.2	1.9	2.1	2.0	1.6	0.4	0.1	2.7	0.6	0.0	0.0	2.7	27.2
40542	40907	1991	1992	3.7	1.8	1.7	0.8	0.6	1.4	3.5	2.0	2.2	2.1	1.8	0.4	0.1	3.0	0.6	0.0	0.0	3.0	28.7
40907	41273	1992	1993	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.1	1.8	0.4	0.1	3.2	0.7	0.0	0.0	3.2	29.5
41273	41638	1993	1994	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.1	3.3	0.7	0.0	0.0	3.3	29.9
41638	42003	1994	1995	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.1	3.4	0.7	0.0	0.0	3.3	30.0
42003	42368	1995	1996	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.2	3.7	0.9	0.0	0.0	3.5	30.8
42368	42734	1996	1997	3.7	1.8	1.7	0.8	0.7	1.4	3.8	2.0	2.2	2.2	2.0	0.4	0.2	3.9	1.0	0.0	0.0	3.8	31.6
42734	43099	1997	1998	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.1	1.1	0.0	0.0	3.9	32.1
43099	43464	1998	1999	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.2	1.1	0.0	0.0	4.0	32.5
43464	43829	1999	2000	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.3	1.1	0.0	0.0	4.0	32.7
43829	44195	2000	2001	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.2	1.1	0.0	0.0	3.9	32.4
44195	44560	2001	2002	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	2.0	0.4	0.2	4.1	1.0	0.0	0.0	3.8	31.7
44560	44925	2002	2003	3.7	1.8	1.7	0.8	0.7	1.4	3.6	2.0	2.2	2.2	1.9	0.4	0.2	3.9	1.0	0.0	0.0	3.6	30.9
44925	45290	2003	2004	3.7	1.8	1.7	0.8	0.7	1.4	3.4	2.0	2.2	2.1	1.8	0.4	0.1	3.7	0.9	0.0	0.0	3.4	30.0
45290	45656	2004	2005	3.7	1.8	1.7	0.8	0.6	1.4	3.2	2.0	2.1	2.0	1.7	0.4	0.1	3.6	0.9	0.0	0.0	3.2	29.3
45656	46021	2005	2006	3.7	1.8	1.7	0.8	0.6	1.4	3.1	1.9	2.1	2.0	1.7	0.4	0.1	3.5	0.9	0.0	0.0	3.2	28.9
46021	46386	2006	2007	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	1.9	1.7	0.4	0.1	3.4	0.8	0.0	0.0	3.1	28.4
46386	46751	2007	2008	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.1	1.9	1.6	0.4	0.1	3.3	0.8	0.0	0.0	3.0	27.9
46751	47117	2008	2009	3.7	1.8	1.7	0.8	0.6	1.4	2.7	1.9	2.1	1.9	1.6	0.4	0.1	3.2	0.8	0.0	0.0	2.8	27.3
47117	47482	2009	2010	3.7	1.8	1.7	0.8	0.6	1.4	2.6	1.9	2.0	1.8	1.5	0.4	0.1	3.1	0.7	0.0	0.0	2.7	26.6
47482	47847	2010	2011	3.7	1.8	1.7	0.8	0.6	1.4	2.4	1.9	2.0	1.8	1.4	0.4	0.1	3.0	0.7	0.0	0.0	2.6	26.1
47847	48212	2011	2012	3.7	1.8	1.7	0.8	0.6	1.3	2.3	1.8	2.0	1.7	1.4	0.4	0.1	2.9	0.7	0.0	0.0	2.5	25.7
48212	48578	2012	2013	3.7	1.8	1.7	0.8	0.5	1.3	2.2	1.8	2.0	1.7	1.4	0.4	0.1	2.9	0.7	0.0	0.0	2.4	25.4
48578	48943	2013	2014	3.7	1.8	1.7	0.7	0.5	1.3	2.1	1.8	2.0	1.7	1.4	0.4	0.1	2.8	0.7	0.0	0.0	2.4	25.1

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7B model)

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
48943	49308	2014	2015	2721	1309	991	78	10	45	3	75	85	65	49	16	2	31	0	0	0	24	5504
49308	49673	2015	2016	2721	1309	988	73	9	43	0	68	76	46	24	13	0	0	0	0	0	0	5371
49673	50039	2016	2017	2721	1308	988	72	9	42	0	65	71	39	18	11	0	0	0	0	0	0	5344
50039	50404	2017	2018	2721	1308	987	71	9	41	0	63	69	37	17	10	0	0	0	0	0	0	5334
50404	50769	2018	2019	2721	1308	987	70	9	41	0	63	68	36	16	10	0	0	0	0	0	0	5327
50769	51134	2019	2020	2721	1308	987	69	9	40	0	62	67	35	15	9	0	0	0	0	0	0	5322
51134	51500	2020	2021	2720	1308	987	69	8	40	0	61	66	35	15	9	0	0	0	0	0	0	5318
51500	51865	2021	2022	2720	1308	987	69	8	40	0	61	65	34	14	9	0	0	0	0	0	0	5315
51865	52230	2022	2023	2720	1308	986	68	8	40	0	61	65	34	14	9	0	0	0	0	0	0	5313
52230	52595	2023	2024	2720	1308	986	68	8	40	0	60	65	34	14	8	0	0	0	0	0	0	5311
52595	52961	2024	2025	2720	1307	986	68	8	40	0	60	64	34	14	8	0	0	0	0	0	0	5309
52961	53326	2025	2026	2720	1307	986	68	8	40	0	60	64	33	13	8	0	0	0	0	0	0	5308
53326	53691	2026	2027	2720	1307	986	67	8	40	0	60	64	33	13	8	0	0	0	0	0	0	5307
53691	54056	2027	2028	2720	1307	986	67	8	40	0	60	64	33	13	8	0	0	0	0	0	0	5306
54056	54422	2028	2029	2720	1307	986	67	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5305
54422	54787	2029	2030	2720	1307	986	67	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5305
54787	55152	2030	2031	2720	1307	986	67	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
55152	55517	2031	2032	2720	1307	986	67	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
55517	55883	2032	2033	2720	1307	986	67	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
55883	56248	2033	2034	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
56248	56613	2034	2035	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
56613	56978	2035	2036	2720	1307	986	66	8	39	0	59	64	33	13	8	0	0	0	0	0	0	5303
56978	57344	2036	2037	2720	1307	986	66	8	39	0	59	63	33	13	8	0	0	0	0	0	0	5303
57344	57709	2037	2038	2720	1307	986	66	8	39	0	59	63	33	13	8	0	0	0	0	0	0	5303
57709	58074	2038	2039	2720	1307	986	66	8	39	0	59	63	33	13	8	0	0	0	0	0	0	5302
58074	58439	2039	2040	2720	1307	986	66	8	39	0	59	63	33	13	8	0	0	0	0	0	0	5302
58439	58805	2040	2041	2720	1307	986	66	8	39	0	59	63	33	13	8	0	0	0	0	0	0	5302
58805	59170	2041	2042	2720	1307	986	66	8	39	0	59	63	33	13	8	0	0	0	0	0	0	5302
59170	59535	2042	2043	2720	1307	986	66	8	39	0	59	63	33	13	8	0	0	0	0	0	0	5302
59535	59900	2043	2044	2720	1307	986	66	8	39	0	59	63	33	13	8	0	0	0	0	0	0	5302
59900	60266	2044	2045	2720	1307	986	66	8	39	0	59	63	33	13	8	0	0	0	0	0	0	5302
60266	60631	2045	2046	2720	1307	986	66	8	39	0	59	63	33	13	8	0	0	0	0	0	0	5302
60631	60996	2046	2047	2720	1307	986	66	8	39	0	59	63	33	13	8	0	0	0	0	0	0	5302
60996	61361	2047	2048	2720	1307	986	66	8	39	0	59	63	33	13	8	0	0	0	0	0	0	5302
61361	61727	2048	2049	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5302
61727	62092	2049	2050	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5302
62092	62457	2050	2051	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5302
62457	62822	2051	2052	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5302
62822	63188	2052	2053	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5302
63188	63553	2053	2054	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5302
63553	63918	2054	2055	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5302
63918	64283	2055	2056	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5302
64283	64649	2056	2057	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5302
64649	65014	2057	2058	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5302
65014	65379	2058	2059	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5302
65379	65744	2059	2060	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5302
65744	66110	2060	2061	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5302
66110	66475	2061	2062	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5302
66475	66840	2062	2063	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
66840	67205	2063	2064	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
67205	67571	2064	2065	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303

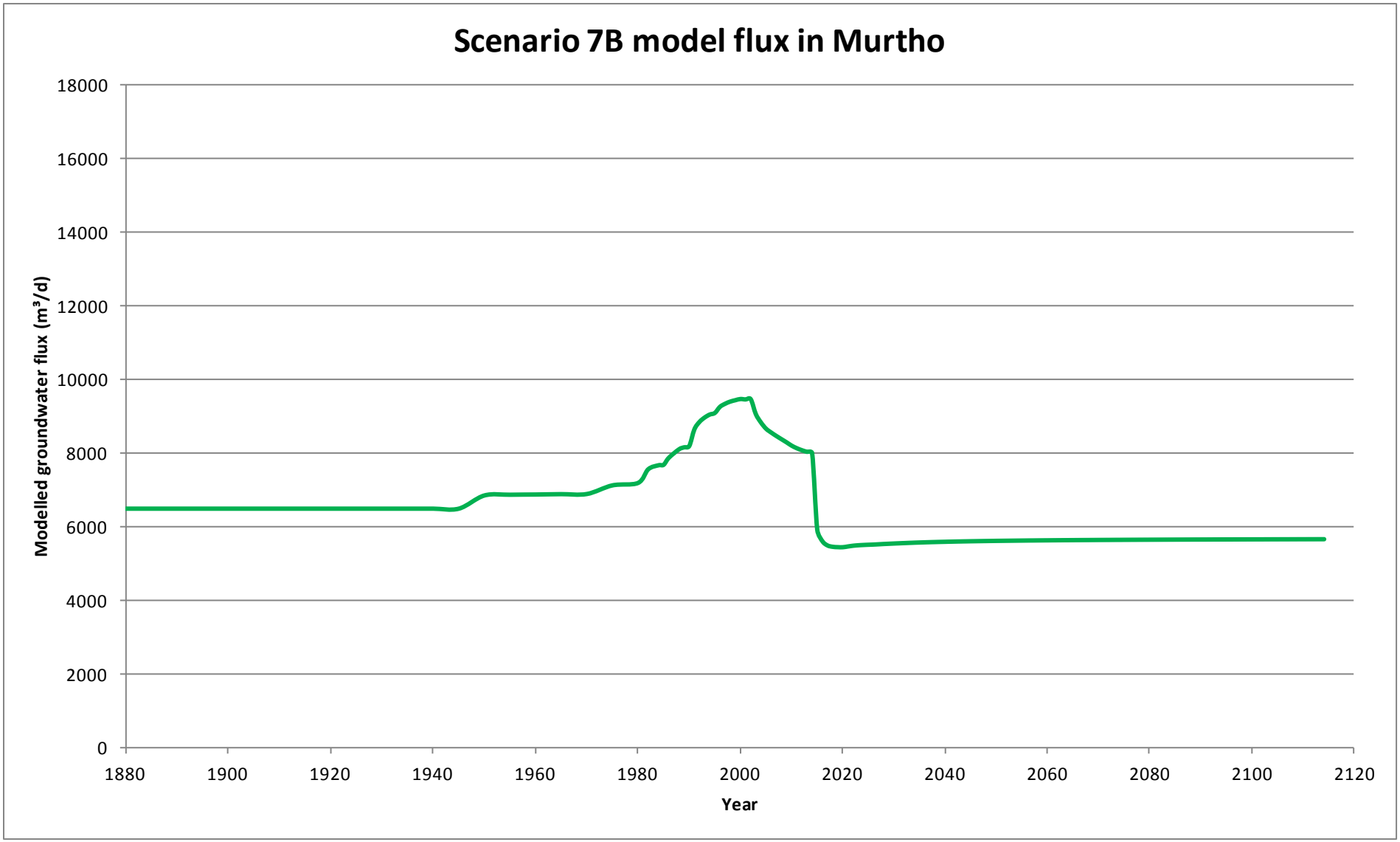
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
48943	49308	2014	2015	3.7	1.8	1.3	0.1	0.0	1.0	0.1	1.6	1.8	1.4	1.0	0.3	0.1	0.7	0.0	0.0	0.0	0.7	15.6
49308	49673	2015	2016	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.4	1.6	1.0	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	12.7
49673	50039	2016	2017	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	12.2
50039	50404	2017	2018	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	12.0
50404	50769	2018	2019	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.9
50769	51134	2019	2020	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
51134	51500	2020	2021	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
51500	51865	2021	2022	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.7
51865	52230	2022	2023	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.7
52230	52595	2023	2024	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.7
52595	52961	2024	2025	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
52961	53326	2025	2026	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
53326	53691	2026	2027	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
53691	54056	2027	2028	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
54056	54422	2028	2029	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
54422	54787	2029	2030	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
54787	55152	2030	2031	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
55152	55517	2031	2032	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
55517	55883	2032	2033	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
55883	56248	2033	2034	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
56248	56613	2034	2035	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
56613	56978	2035	2036	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
56978	57344	2036	2037	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
57344	57709	2037	2038	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
57709	58074	2038	2039	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
58074	58439	2039	2040	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
58439	58805	2040	2041	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
58805	59170	2041	2042	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
59170	59535	2042	2043	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
59535	59900	2043	2044	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
59900	60266	2044	2045	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
60266	60631	2045	2046	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
60631	60996	2046	2047	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
60996	61361	2047	2048	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
61361	61727	2048	2049	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
61727	62092	2049	2050	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
62092	62457	2050	2051	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
62457	62822	2051	2052	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
62822	63188	2052	2053	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
63188	63553	2053	2054	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
63553	63918	2054	2055	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
63918	64283	2055	2056	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
64283	64649	2056	2057	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
64649	65014	2057	2058	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
65014	65379	2058	2059	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
65379	65744	2059	2060	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
65744	66110	2060	2061	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
66110	66475	2061	2062	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
66475	66840	2062	2063	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
66840	67205	2063	2064	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
67205	67571	2064	2065	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7B model)

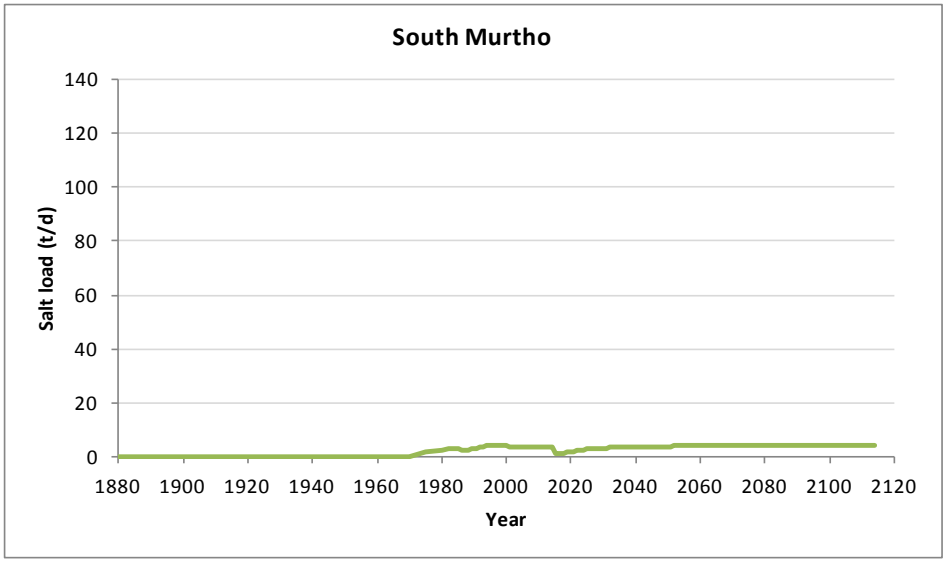
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
67571	67936	2065	2066	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
67936	68301	2066	2067	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
68301	68666	2067	2068	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
68666	69032	2068	2069	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
69032	69397	2069	2070	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
69397	69762	2070	2071	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
69762	70127	2071	2072	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
70127	70493	2072	2073	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
70493	70858	2073	2074	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
70858	71223	2074	2075	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
71223	71588	2075	2076	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
71588	71954	2076	2077	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
71954	72319	2077	2078	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
72319	72684	2078	2079	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
72684	73049	2079	2080	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
73049	73415	2080	2081	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
73415	73780	2081	2082	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
73780	74145	2082	2083	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
74145	74510	2083	2084	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
74510	74876	2084	2085	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
74876	75241	2085	2086	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
75241	75606	2086	2087	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
75606	75971	2087	2088	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
75971	76337	2088	2089	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5303
76337	76702	2089	2090	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
76702	77067	2090	2091	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
77067	77432	2091	2092	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
77432	77798	2092	2093	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
77798	78163	2093	2094	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
78163	78528	2094	2095	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
78528	78893	2095	2096	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
78893	79259	2096	2097	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
79259	79624	2097	2098	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
79624	79989	2098	2099	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
79989	80354	2099	2100	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
80354	80719	2100	2101	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
80719	81084	2101	2102	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
81084	81449	2102	2103	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
81449	81814	2103	2104	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
81814	82180	2104	2105	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
82180	82545	2105	2106	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
82545	82910	2106	2107	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
82910	83275	2107	2108	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
83275	83641	2108	2109	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
83641	84006	2109	2110	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
84006	84371	2110	2111	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
84371	84736	2111	2112	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
84736	85102	2112	2113	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304
85102	85467	2113	2114	2720	1307	986	66	8	39	0	60	64	33	13	8	0	0	0	0	0	0	5304

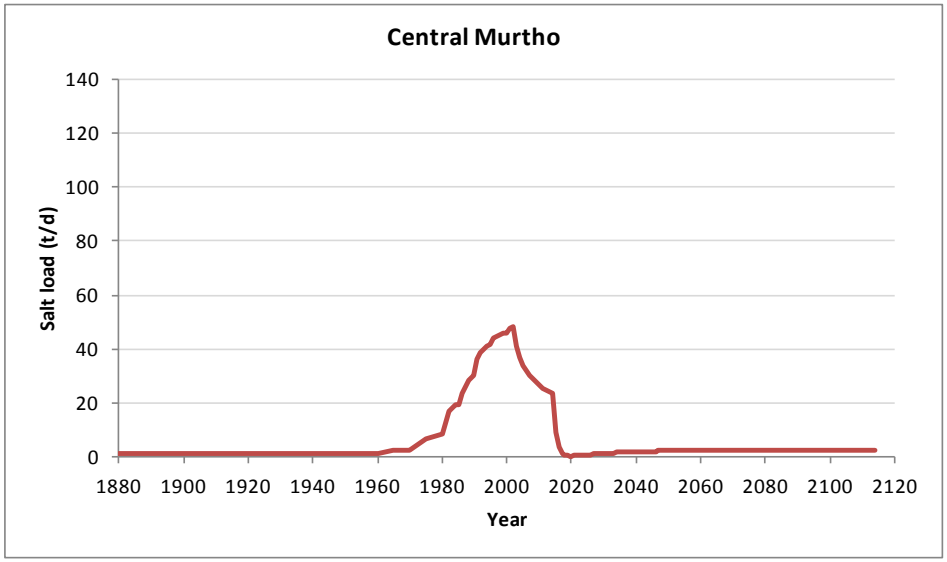
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
67571	67936	2065	2066	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
67936	68301	2066	2067	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
68301	68666	2067	2068	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
68666	69032	2068	2069	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
69032	69397	2069	2070	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
69397	69762	2070	2071	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
69762	70127	2071	2072	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
70127	70493	2072	2073	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
70493	70858	2073	2074	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
70858	71223	2074	2075	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
71223	71588	2075	2076	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
71588	71954	2076	2077	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
71954	72319	2077	2078	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
72319	72684	2078	2079	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
72684	73049	2079	2080	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
73049	73415	2080	2081	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
73415	73780	2081	2082	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
73780	74145	2082	2083	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
74145	74510	2083	2084	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
74510	74876	2084	2085	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
74876	75241	2085	2086	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
75241	75606	2086	2087	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
75606	75971	2087	2088	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
75971	76337	2088	2089	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
76337	76702	2089	2090	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
76702	77067	2090	2091	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
77067	77432	2091	2092	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
77432	77798	2092	2093	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
77798	78163	2093	2094	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
78163	78528	2094	2095	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
78528	78893	2095	2096	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
78893	79259	2096	2097	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
79259	79624	2097	2098	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
79624	79989	2098	2099	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
79989	80354	2099	2100	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
80354	80719	2100	2101	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
80719	81084	2101	2102	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
81084	81449	2102	2103	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
81449	81814	2103	2104	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
81814	82180	2104	2105	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
82180	82545	2105	2106	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
82545	82910	2106	2107	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
82910	83275	2107	2108	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
83275	83641	2108	2109	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
83641	84006	2109	2110	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
84006	84371	2110	2111	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
84371	84736	2111	2112	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
84736	85102	2112	2113	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6
85102	85467	2113	2114	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6

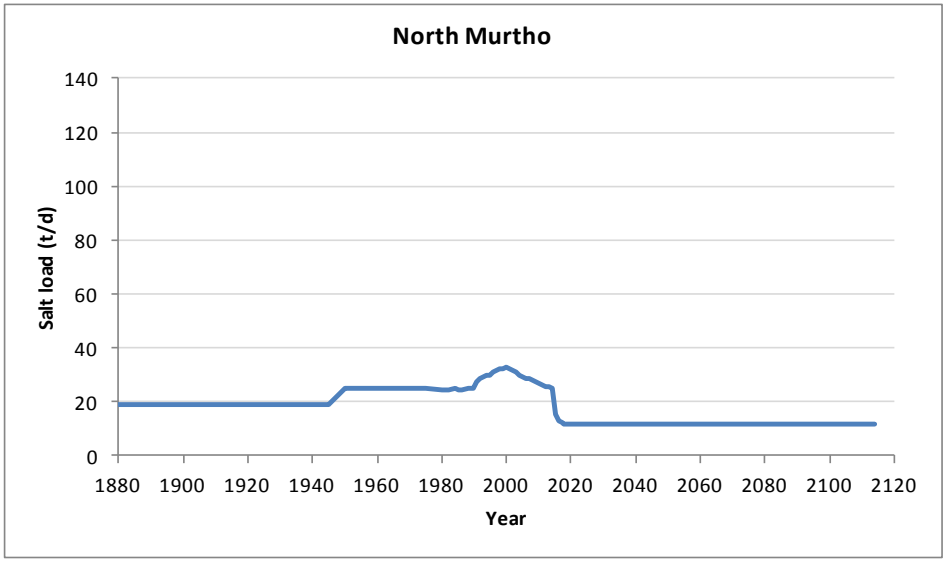
B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7B model)



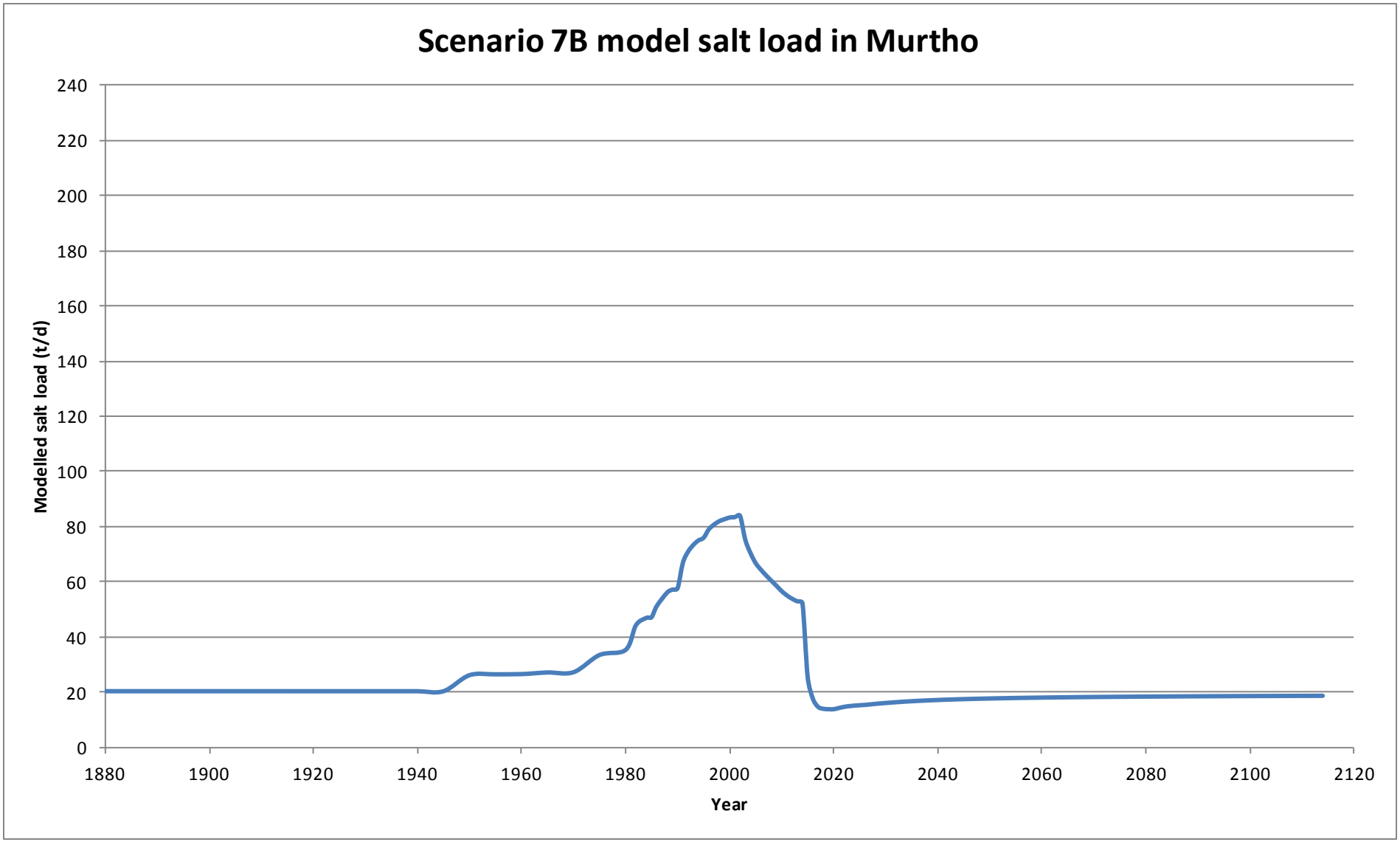
B-3. Graph of modelled groundwater flux (m³/d) entering the River Murray in Murtho (S7B model)







B-3. Graph of modelled salt load (t/d) entering the River Murray in Murtho (S7B model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Murtho (S7B model)

Scenario 7C

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
0	1	1880	1880	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
1	1827	1880	1885	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
1827	3653	1885	1890	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
3653	5479	1890	1895	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
5479	7305	1895	1900	27	16	14	5	4	0	0	0	0	2	9	5	2	0	0	0	0	83
7305	9131	1900	1905	27	16	14	5	4	0	1	6	19	2	12	13	30	31	12	0	0	192
9131	10957	1905	1910	27	16	14	6	4	1	2	10	24	2	13	15	32	33	13	0	0	212
10957	12783	1910	1915	27	16	14	7	4	1	3	12	25	2	14	15	33	33	13	0	0	218
12783	14609	1915	1920	27	16	15	7	5	1	3	12	25	2	14	15	33	33	13	0	0	221
14609	16436	1920	1925	27	16	15	7	5	1	4	13	25	2	14	15	33	33	13	0	0	223
16436	18262	1925	1930	27	16	15	7	5	1	4	13	25	2	14	15	33	33	13	0	0	224
18262	20088	1930	1935	27	16	15	8	5	1	4	13	25	2	14	15	33	33	13	0	0	224
20088	21914	1935	1940	30	43	244	157	20	8	13	14	26	2	14	15	33	33	13	0	16	682
21914	23741	1940	1945	31	50	263	173	24	10	18	15	26	2	14	15	34	33	13	0	20	741
23741	25567	1945	1950	32	54	281	271	63	47	109	46	28	2	15	16	34	33	13	0	23	1068
25567	27393	1950	1955	32	54	267	265	64	48	115	55	29	3	15	16	35	34	14	0	22	1068
27393	29219	1955	1960	115	75	269	267	70	59	229	245	86	3	20	26	46	33	13	0	61	1615
29219	31046	1960	1965	136	117	309	266	68	57	219	238	85	3	21	26	47	33	14	0	99	1737
31046	32872	1965	1970	144	126	316	259	65	53	190	195	71	3	19	23	41	30	12	0	106	1654
32872	34698	1970	1975	143	128	315	251	62	50	170	169	63	3	19	22	39	29	12	0	106	1580
34698	36524	1975	1980	146	130	317	259	65	52	195	248	72	3	19	23	38	26	11	0	107	1710
36524	37255	1980	1982	148	136	324	261	66	53	199	253	72	3	19	23	38	26	10	0	113	1744
37255	37985	1982	1984	153	148	337	262	66	54	200	251	72	3	19	23	37	24	10	0	123	1782
37985	38351	1984	1985	155	153	341	262	66	54	199	247	71	3	19	22	36	24	9	0	128	1790
38351	38716	1985	1986	158	157	346	263	67	54	198	245	70	3	19	22	36	23	9	0	131	1801
38716	39446	1986	1988	161	164	351	264	68	55	209	268	77	3	20	23	37	22	9	0	137	1868
39446	39812	1988	1989	163	168	352	265	69	56	217	285	81	3	20	24	37	22	9	0	140	1912
39812	40177	1989	1990	165	171	353	265	69	57	223	296	84	3	21	24	38	21	9	0	142	1943
40177	40542	1990	1991	172	173	352	266	70	58	229	331	94	3	21	25	38	20	8	0	147	2008
40542	40907	1991	1992	173	174	352	267	71	58	224	325	94	3	22	26	39	20	8	0	148	2004
40907	41273	1992	1993	173	176	353	267	71	58	219	315	91	3	22	26	38	20	8	0	149	1987
41273	41638	1993	1994	171	177	353	266	70	57	213	303	88	3	21	25	37	20	8	0	149	1965
41638	42003	1994	1995	170	177	351	265	70	57	208	293	86	3	21	25	37	20	8	0	148	1939
42003	42368	1995	1996	168	177	348	264	70	57	204	284	83	3	21	24	36	19	8	0	147	1915
42368	42734	1996	1997	167	177	345	262	70	56	199	273	81	3	21	24	36	19	8	0	146	1886
42734	43099	1997	1998	164	177	342	259	69	55	193	258	77	3	21	23	35	19	8	0	145	1849
43099	43464	1998	1999	160	176	338	257	69	55	185	243	73	3	20	23	34	19	8	0	143	1805
43464	43829	1999	2000	156	176	334	254	68	54	177	225	68	3	20	22	33	19	8	0	141	1756
43829	44195	2000	2001	150	175	329	250	67	52	167	200	60	3	19	21	31	18	7	0	137	1687
44195	44560	2001	2002	145	173	323	244	65	51	160	187	56	3	19	20	30	17	7	0	134	1635
44560	44925	2002	2003	142	171	317	239	64	49	154	183	55	3	18	19	28	16	7	0	132	1598
44925	45290	2003	2004	140	169	310	234	62	48	149	177	53	3	18	19	27	16	6	0	129	1559
45290	45656	2004	2005	137	167	303	229	61	47	145	171	51	3	18	18	26	15	6	0	126	1523
45656	46021	2005	2006	134	164	295	224	60	46	141	166	49	3	18	18	26	14	6	0	124	1487
46021	46386	2006	2007	132	161	288	219	59	45	138	162	48	3	17	18	24	13	5	0	121	1453
46386	46751	2007	2008	130	158	279	214	58	44	135	159	47	3	17	17	24	12	5	0	118	1421
46751	47117	2008	2009	128	156	271	209	57	43	133	157	46	3	17	17	23	11	4	0	115	1390
47117	47482	2009	2010	127	153	263	205	56	42	131	155	45	3	17	17	22	11	4	0	112	1363
47482	47847	2010	2011	125	149	254	200	56	42	130	154	45	3	17	17	22	11	4	0	110	1338
47847	48212	2011	2012	124	147	246	196	55	41	129	153	44	3	17	17	22	11	4	0	107	1316
48212	48578	2012	2013	105	143	238	192	55	41	128	152	44	3	17	16	22	11	4	0	97	1269
48578	48943	2013	2014	90	140	231	188	54	41	128	152	44	3	17	16	22	11	4	0	89	1228

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
0	1	1880	1880	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
1	1827	1880	1885	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
1827	3653	1885	1890	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
3653	5479	1890	1895	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
5479	7305	1895	1900	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
7305	9131	1900	1905	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.7
9131	10957	1905	1910	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.8
10957	12783	1910	1915	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
12783	14609	1915	1920	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
14609	16436	1920	1925	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
16436	18262	1925	1930	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
18262	20088	1930	1935	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	1.9
20088	21914	1935	1940	0.5	0.7	3.8	0.9	0.1	0.0	0.1	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	7.2
21914	23741	1940	1945	0.5	0.8	4.1	1.0	0.1	0.1	0.1	0.1	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	7.9
23741	25567	1945	1950	0.5	0.9	4.4	1.6	0.4	0.3	0.7	0.3	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	10.0
25567	27393	1950	1955	0.5	0.9	4.2	1.6	0.4	0.3	0.7	0.3	0.2	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1	9.9
27393	29219	1955	1960	1.8	1.3	4.2	1.6	0.4	0.4	1.4	1.5	0.5	0.0	0.1	0.2	0.3	0.2	0.1	0.0	0.4	14.2
29219	31046	1960	1965	2.1	2.0	4.9	1.6	0.4	0.3	1.3	1.4	0.5	0.0	0.1	0.2	0.3	0.2	0.1	0.0	0.6	16.1
31046	32872	1965	1970	2.3	2.2	5.0	1.6	0.4	0.3	1.1	1.2	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	15.8
32872	34698	1970	1975	2.2	2.2	4.9	1.5	0.4	0.3	1.0	1.0	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	15.4
34698	36524	1975	1980	2.3	2.2	5.0	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	16.2
36524	37255	1980	1982	2.3	2.3	5.1	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.7	16.6
37255	37985	1982	1984	2.4	2.5	5.3	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.1
37985	38351	1984	1985	2.4	2.6	5.4	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.3
38351	38716	1985	1986	2.5	2.7	5.4	1.6	0.4	0.3	1.2	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.8	17.5
38716	39446	1986	1988	2.5	2.8	5.5	1.6	0.4	0.3	1.3	1.6	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.0
39446	39812	1988	1989	2.6	2.9	5.5	1.6	0.4	0.3	1.3	1.7	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.4
39812	40177	1989	1990	2.6	2.9	5.5	1.6	0.4	0.3	1.3	1.8	0.5	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.9	18.6
40177	40542	1990	1991	2.7	2.9	5.5	1.6	0.4	0.3	1.4	2.0	0.6	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.9	19.1
40542	40907	1991	1992	2.7	3.0	5.5	1.6	0.4	0.3	1.3	1.9	0.6	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.9	19.1
40907	41273	1992	1993	2.7	3.0	5.5	1.6	0.4	0.3	1.3	1.9	0.5	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.9	19.0
41273	41638	1993	1994	2.7	3.0	5.5	1.6	0.4	0.3	1.3	1.8	0.5	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.9	18.9
41638	42003	1994	1995	2.7	3.0	5.5	1.6	0.4	0.3	1.2	1.8	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.7
42003	42368	1995	1996	2.6	3.0	5.5	1.6	0.4	0.3	1.2	1.7	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.5
42368	42734	1996	1997	2.6	3.0	5.4	1.6	0.4	0.3	1.2	1.6	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.3
42734	43099	1997	1998	2.6	3.0	5.4	1.6	0.4	0.3	1.2	1.6	0.5	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	18.0
43099	43464	1998	1999	2.5	3.0	5.3	1.5	0.4	0.3	1.1	1.5	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	17.7
43464	43829	1999	2000	2.4	3.0	5.2	1.5	0.4	0.3	1.1	1.3	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	17.3
43829	44195	2000	2001	2.4	3.0	5.2	1.5	0.4	0.3	1.0	1.2	0.4	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.9	16.7
44195	44560	2001	2002	2.3	2.9	5.1	1.5	0.4	0.3	1.0	1.1	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	16.3
44560	44925	2002	2003	2.2	2.9	5.0	1.4	0.4	0.3	0.9	1.1	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	16.0
44925	45290	2003	2004	2.2	2.9	4.9	1.4	0.4	0.3	0.9	1.1	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	15.6
45290	45656	2004	2005	2.1	2.8	4.8	1.4	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	15.3
45656	46021	2005	2006	2.1	2.8	4.6	1.3	0.4	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.2	0.1	0.0	0.0	0.8	14.9
46021	46386	2006	2007	2.1	2.7	4.5	1.3	0.4	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.6
46386	46751	2007	2008	2.0	2.7	4.4	1.3	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.3
46751	47117	2008	2009	2.0	2.6	4.3	1.3	0.3	0.3	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.0
47117	47482	2009	2010	2.0	2.6	4.1	1.2	0.3	0.3	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.7
47482	47847	2010	2011	2.0	2.5	4.0	1.2	0.3	0.3	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.4
47847	48212	2011	2012	1.9	2.5	3.9	1.2	0.3	0.2	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.1
48212	48578	2012	2013	1.6	2.4	3.7	1.2	0.3	0.2	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.6
48578	48943	2013	2014	1.4	2.4	3.6	1.1	0.3	0.2	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.0

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S7C model)

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
48943	49308	2014	2015	83	137	226	185	54	40	127	151	44	3	17	16	21	11	4	0	85	1206
49308	49673	2015	2016	80	135	223	183	54	40	127	151	44	3	17	16	21	11	4	0	83	1191
49673	50039	2016	2017	89	143	251	195	55	42	139	161	45	3	17	17	22	11	4	0	94	1287
50039	50404	2017	2018	91	145	253	196	56	43	141	163	46	3	17	17	22	11	4	0	95	1302
50404	50769	2018	2019	91	145	253	196	56	43	141	163	46	3	17	17	22	11	4	0	95	1303
50769	51134	2019	2020	91	145	253	196	56	43	141	163	46	3	17	17	22	11	4	0	95	1301
51134	51500	2020	2021	91	144	252	196	56	43	141	163	46	3	17	17	22	11	4	0	95	1300
51500	51865	2021	2022	92	145	253	196	56	43	141	163	46	3	17	17	22	11	4	0	96	1304
51865	52230	2022	2023	94	147	254	196	56	43	141	163	46	3	17	17	22	11	4	0	98	1311
52230	52595	2023	2024	96	148	255	197	56	43	141	163	46	3	17	17	22	11	4	0	99	1317
52595	52961	2024	2025	97	150	256	197	56	43	141	163	46	3	17	17	22	11	4	0	101	1324
52961	53326	2025	2026	98	151	258	197	56	43	141	163	46	3	17	17	22	11	4	0	102	1330
53326	53691	2026	2027	100	153	259	198	56	43	141	163	46	3	17	17	22	11	4	0	103	1336
53691	54056	2027	2028	101	154	260	198	56	43	141	164	46	3	17	17	22	11	4	0	104	1342
54056	54422	2028	2029	102	156	262	199	56	43	141	164	46	3	17	17	23	11	4	0	106	1348
54422	54787	2029	2030	102	157	263	199	56	43	141	164	46	3	17	17	23	11	4	0	107	1354
54787	55152	2030	2031	103	158	264	200	56	43	142	164	46	3	17	17	23	11	4	0	108	1359
55152	55517	2031	2032	104	159	266	200	56	43	142	164	46	3	17	17	23	11	4	0	109	1364
55517	55883	2032	2033	105	160	267	201	57	43	142	164	46	3	17	17	23	11	4	0	110	1368
55883	56248	2033	2034	105	161	268	201	57	43	142	164	46	3	17	17	23	11	4	0	110	1372
56248	56613	2034	2035	106	162	269	201	57	44	142	164	46	3	17	17	23	11	4	0	111	1377
56613	56978	2035	2036	106	163	270	202	57	44	142	164	46	3	17	17	23	11	4	0	112	1380
56978	57344	2036	2037	107	164	270	202	57	44	142	164	46	3	17	17	23	11	4	0	113	1384
57344	57709	2037	2038	108	165	271	202	57	44	142	164	46	3	17	17	23	11	4	0	113	1387
57709	58074	2038	2039	108	166	272	203	57	44	142	164	46	3	17	17	23	11	4	0	114	1391
58074	58439	2039	2040	109	166	273	203	57	44	142	164	46	3	17	17	23	11	4	0	114	1394
58439	58805	2040	2041	109	167	273	203	57	44	142	164	46	3	17	17	23	11	4	0	115	1396
58805	59170	2041	2042	110	167	274	204	57	44	143	164	46	3	17	17	23	11	4	0	115	1399
59170	59535	2042	2043	110	168	274	204	57	44	143	164	46	3	17	17	23	11	4	0	116	1402
59535	59900	2043	2044	111	169	275	204	57	44	143	165	46	3	17	17	23	11	4	0	116	1404
59900	60266	2044	2045	111	169	275	204	57	44	143	165	46	3	17	17	23	11	4	0	117	1407
60266	60631	2045	2046	112	170	276	204	57	44	143	165	46	3	17	17	23	11	4	0	117	1409
60631	60996	2046	2047	112	170	276	204	58	44	143	165	46	3	17	17	23	11	4	0	117	1411
60996	61361	2047	2048	112	170	277	205	58	44	143	165	46	3	17	17	23	11	4	0	118	1413
61361	61727	2048	2049	113	171	277	205	58	44	143	165	46	3	17	17	23	11	4	0	118	1414
61727	62092	2049	2050	113	171	277	205	58	44	143	165	46	3	17	17	23	11	4	0	118	1416
62092	62457	2050	2051	113	171	278	205	58	44	143	165	46	3	17	17	23	11	4	0	119	1417
62457	62822	2051	2052	113	172	278	205	58	44	143	165	46	3	17	17	23	11	4	0	119	1419
62822	63188	2052	2053	114	172	278	205	58	44	143	165	46	3	17	17	23	11	4	0	119	1420
63188	63553	2053	2054	114	172	278	205	58	44	143	165	46	3	17	17	23	11	4	0	119	1421
63553	63918	2054	2055	114	172	279	205	58	44	143	165	46	3	17	17	23	11	4	0	119	1422
63918	64283	2055	2056	114	173	279	206	58	44	143	165	46	3	17	17	23	11	4	0	120	1423
64283	64649	2056	2057	114	173	279	206	58	44	143	165	46	3	17	17	23	11	4	0	120	1424
64649	65014	2057	2058	115	173	279	206	58	44	143	165	46	3	17	17	23	11	4	0	120	1425
65014	65379	2058	2059	115	173	279	206	58	44	143	165	46	3	17	17	23	11	4	0	120	1426
65379	65744	2059	2060	115	173	280	206	58	44	143	165	46	3	17	17	23	11	4	0	120	1427
65744	66110	2060	2061	115	174	280	206	58	44	143	165	46	3	17	17	23	11	4	0	120	1427
66110	66475	2061	2062	115	174	280	206	58	44	143	165	46	3	17	17	23	11	4	0	120	1428
66475	66840	2062	2063	115	174	280	206	58	44	143	165	47	3	17	17	23	11	4	0	120	1429
66840	67205	2063	2064	115	174	280	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1429
67205	67571	2064	2065	115	174	280	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1430

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
48943	49308	2014	2015	1.3	2.3	3.6	1.1	0.3	0.2	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	11.8
49308	49673	2015	2016	1.3	2.3	3.5	1.1	0.3	0.2	0.8	0.9	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.5	11.6
49673	50039	2016	2017	1.4	2.4	3.9	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.6
50039	50404	2017	2018	1.4	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.8
50404	50769	2018	2019	1.4	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.8
50769	51134	2019	2020	1.4	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.8
51134	51500	2020	2021	1.4	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.7
51500	51865	2021	2022	1.4	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.8
51865	52230	2022	2023	1.5	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	12.9
52230	52595	2023	2024	1.5	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	13.0
52595	52961	2024	2025	1.5	2.5	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	13.0
52961	53326	2025	2026	1.5	2.6	4.0	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	13.1
53326	53691	2026	2027	1.6	2.6	4.1	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.6	13.2
53691	54056	2027	2028	1.6	2.6	4.1	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.3
54056	54422	2028	2029	1.6	2.6	4.1	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.4
54422	54787	2029	2030	1.6	2.7	4.1	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.4
54787	55152	2030	2031	1.6	2.7	4.2	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.5
55152	55517	2031	2032	1.6	2.7	4.2	1.2	0.3	0.3	0.8	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.6
55517	55883	2032	2033	1.6	2.7	4.2	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.6
55883	56248	2033	2034	1.7	2.7	4.2	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.7
56248	56613	2034	2035	1.7	2.8	4.2	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.7
56613	56978	2035	2036	1.7	2.8	4.2	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.8
56978	57344	2036	2037	1.7	2.8	4.2	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.8
57344	57709	2037	2038	1.7	2.8	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.8
57709	58074	2038	2039	1.7	2.8	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.9
58074	58439	2039	2040	1.7	2.8	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	13.9
58439	58805	2040	2041	1.7	2.8	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.0
58805	59170	2041	2042	1.7	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.0
59170	59535	2042	2043	1.7	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.0
59535	59900	2043	2044	1.7	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.1
59900	60266	2044	2045	1.7	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.1
60266	60631	2045	2046	1.8	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.1
60631	60996	2046	2047	1.8	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.1
60996	61361	2047	2048	1.8	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.2
61361	61727	2048	2049	1.8	2.9	4.3	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.2
61727	62092	2049	2050	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.2
62092	62457	2050	2051	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.2
62457	62822	2051	2052	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.2
62822	63188	2052	2053	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.2
63188	63553	2053	2054	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.7	14.3
63553	63918	2054	2055	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
63918	64283	2055	2056	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
64283	64649	2056	2057	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
64649	65014	2057	2058	1.8	2.9	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
65014	65379	2058	2059	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
65379	65744	2059	2060	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
65744	66110	2060	2061	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
66110	66475	2061	2062	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.3
66475	66840	2062	2063	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
66840	67205	2063	2064	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
67205	67571	2064	2065	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S7C model)

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Flux
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																	
67571	67936	2065	2066	115	174	280	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1430
67936	68301	2066	2067	116	174	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1431
68301	68666	2067	2068	116	175	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1431
68666	69032	2068	2069	116	175	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1432
69032	69397	2069	2070	116	175	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1432
69397	69762	2070	2071	116	175	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1433
69762	70127	2071	2072	116	175	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1433
70127	70493	2072	2073	116	175	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1434
70493	70858	2073	2074	116	175	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1434
70858	71223	2074	2075	116	175	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1434
71223	71588	2075	2076	116	175	281	206	58	45	143	165	47	3	17	17	23	11	4	0	121	1435
71588	71954	2076	2077	116	175	281	207	58	45	143	165	47	3	17	17	23	11	4	0	121	1435
71954	72319	2077	2078	116	175	281	207	58	45	143	165	47	3	17	17	23	11	4	0	122	1435
72319	72684	2078	2079	116	175	281	207	58	45	143	165	47	3	17	17	23	11	4	0	122	1436
72684	73049	2079	2080	116	176	282	207	58	45	143	165	47	3	17	17	23	11	4	0	122	1436
73049	73415	2080	2081	116	176	282	207	58	45	143	165	47	3	17	17	23	11	4	0	122	1436
73415	73780	2081	2082	116	176	282	207	58	45	143	165	47	3	17	17	23	11	4	0	122	1436
73780	74145	2082	2083	116	176	282	207	58	45	143	165	47	3	17	17	23	11	4	0	122	1437
74145	74510	2083	2084	117	176	282	207	58	45	143	165	47	3	17	17	23	11	4	0	122	1437
74510	74876	2084	2085	117	176	282	207	58	45	143	165	47	3	17	17	23	11	4	0	122	1437
74876	75241	2085	2086	117	176	282	207	58	45	144	165	47	3	17	17	23	11	4	0	122	1437
75241	75606	2086	2087	117	176	282	207	58	45	144	165	47	3	17	17	23	11	4	0	122	1437
75606	75971	2087	2088	117	176	282	207	58	45	144	165	47	3	17	17	23	11	4	0	122	1438
75971	76337	2088	2089	117	176	282	207	58	45	144	165	47	3	17	17	23	11	4	0	122	1438
76337	76702	2089	2090	117	176	282	207	58	45	144	165	47	3	17	17	23	11	4	0	122	1438
76702	77067	2090	2091	117	176	282	207	58	45	144	165	47	3	17	17	23	11	4	0	122	1438
77067	77432	2091	2092	117	176	282	207	58	45	144	165	47	3	17	17	23	11	4	0	122	1438
77432	77798	2092	2093	117	176	282	207	58	45	144	165	47	3	17	17	23	11	4	0	122	1439
77798	78163	2093	2094	117	176	282	207	58	45	144	165	47	3	17	17	23	11	4	0	122	1439
78163	78528	2094	2095	117	176	282	207	58	45	144	165	47	3	17	17	23	11	4	0	122	1439
78528	78893	2095	2096	117	176	282	207	58	45	144	165	47	3	17	17	23	11	4	0	122	1439
78893	79259	2096	2097	117	176	282	207	58	45	144	165	47	3	17	17	23	11	4	0	122	1439
79259	79624	2097	2098	117	176	282	207	58	45	144	165	47	3	17	17	23	11	4	0	122	1439
79624	79989	2098	2099	117	176	282	207	58	45	144	165	47	3	17	17	23	11	4	0	122	1439
79989	80354	2099	2100	117	176	282	207	58	45	144	165	47	3	17	17	23	11	4	0	122	1440
80354	80719	2100	2101	117	176	282	207	58	45	144	165	47	3	17	17	23	11	4	0	122	1440
80719	81084	2101	2102	117	176	282	207	58	45	144	165	47	3	17	17	23	11	4	0	122	1440
81084	81449	2102	2103	117	176	282	207	58	45	144	165	47	3	17	17	23	11	4	0	122	1440
81449	81814	2103	2104	117	176	282	207	59	45	144	165	47	3	17	17	23	11	4	0	122	1440
81814	82180	2104	2105	117	176	282	207	59	45	144	165	47	3	17	17	23	11	4	0	122	1440
82180	82545	2105	2106	117	176	282	207	59	45	144	165	47	3	17	17	23	11	4	0	122	1440
82545	82910	2106	2107	117	176	282	207	59	45	144	165	47	3	17	17	23	11	4	0	122	1440
82910	83275	2107	2108	117	177	282	207	59	45	144	165	47	3	17	17	23	11	4	0	122	1440
83275	83641	2108	2109	117	177	282	207	59	45	144	165	47	3	17	17	23	11	4	0	122	1441
83641	84006	2109	2110	117	177	282	207	59	45	144	165	47	3	17	17	23	11	4	0	122	1441
84006	84371	2110	2111	117	177	282	207	59	45	144	165	47	3	17	17	23	11	4	0	122	1441
84371	84736	2111	2112	117	177	282	207	59	45	144	165	47	3	17	17	23	11	4	0	122	1441
84736	85102	2112	2113	117	177	282	207	59	45	144	165	47	3	17	17	23	11	4	0	122	1441
85102	85467	2113	2114	117	177	282	207	59	45	144	165	47	3	17	17	23	11	4	0	122	1441

				Lyrup																	
Model Budget Zone				Z79	Z80	Z81	Z82	Z83	Z84	Z85	Z86	Z87	Z88	Z89	Z90	Z91	Z92	Z93	Z94	Z100	Total Salt Load
Salinity (mg/L)				15699	17024	15699	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	24596	6291	
River Kms				545	544	543	542	541	540	539	538	537	536	535	534	533	532	531	530		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																	
67571	67936	2065	2066	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
67936	68301	2066	2067	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
68301	68666	2067	2068	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
68666	69032	2068	2069	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
69032	69397	2069	2070	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
69397	69762	2070	2071	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
69762	70127	2071	2072	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
70127	70493	2072	2073	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
70493	70858	2073	2074	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
70858	71223	2074	2075	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
71223	71588	2075	2076	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
71588	71954	2076	2077	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
71954	72319	2077	2078	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
72319	72684	2078	2079	1.8	3.0	4.4	1.2	0.3	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
72684	73049	2079	2080	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
73049	73415	2080	2081	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.4
73415	73780	2081	2082	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
73780	74145	2082	2083	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
74145	74510	2083	2084	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
74510	74876	2084	2085	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
74876	75241	2085	2086	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
75241	75606	2086	2087	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
75606	75971	2087	2088	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
75971	76337	2088	2089	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
76337	76702	2089	2090	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
76702	77067	2090	2091	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
77067	77432	2091	2092	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
77432	77798	2092	2093	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
77798	78163	2093	2094	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
78163	78528	2094	2095	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
78528	78893	2095	2096	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
78893	79259	2096	2097	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
79259	79624	2097	2098	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
79624	79989	2098	2099	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
79989	80354	2099	2100	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
80354	80719	2100	2101	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
80719	81084	2101	2102	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
81084	81449	2102	2103	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
81449	81814	2103	2104	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
81814	82180	2104	2105	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
82180	82545	2105	2106	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
82545	82910	2106	2107	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
82910	83275	2107	2108	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
83275	83641	2108	2109	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
83641	84006	2109	2110	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
84006	84371	2110	2111	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
84371	84736	2111	2112	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
84736	85102	2112	2113	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5
85102	85467	2113	2114	1.8	3.0	4.4	1.2	0.4	0.3	0.9	1.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.8	14.5

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S7C model)

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Flux
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)														
0	1	1880	1880	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
1	1827	1880	1885	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
1827	3653	1885	1890	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
3653	5479	1890	1895	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
5479	7305	1895	1900	4	37	50	65	45	25	7	4	10	2	32	12	33	159	487
7305	9131	1900	1905	4	37	50	65	45	25	7	4	10	2	33	13	33	159	487
9131	10957	1905	1910	4	37	50	65	45	25	7	4	10	2	33	13	33	159	488
10957	12783	1910	1915	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
12783	14609	1915	1920	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
14609	16436	1920	1925	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
16436	18262	1925	1930	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
18262	20088	1930	1935	4	37	50	65	45	25	7	4	10	2	33	13	33	160	488
20088	21914	1935	1940	4	37	50	65	45	25	7	4	10	2	33	13	34	160	490
21914	23741	1940	1945	4	37	50	65	45	25	7	4	11	2	33	14	34	160	492
23741	25567	1945	1950	4	37	50	65	45	26	7	4	11	2	33	14	35	161	495
25567	27393	1950	1955	4	37	50	65	45	26	7	4	11	2	33	14	35	161	497
27393	29219	1955	1960	4	37	50	65	46	26	7	4	12	3	35	16	49	180	534
29219	31046	1960	1965	4	39	51	65	48	28	7	4	13	3	40	17	54	222	596
31046	32872	1965	1970	4	42	52	66	55	41	7	5	14	8	74	25	87	722	1203
32872	34698	1970	1975	5	46	53	66	60	49	7	5	14	11	90	28	101	840	1374
34698	36524	1975	1980	5	48	53	66	62	52	7	5	15	12	95	29	106	892	1447
36524	37255	1980	1982	5	48	53	67	63	53	7	5	15	13	97	30	108	904	1467
37255	37985	1982	1984	5	49	53	67	64	53	7	5	15	13	98	31	110	917	1487
37985	38351	1984	1985	5	50	53	67	64	54	7	5	15	13	98	31	111	919	1492
38351	38716	1985	1986	5	50	53	67	64	54	7	5	15	13	99	31	111	922	1498
38716	39446	1986	1988	5	51	54	67	65	54	7	5	16	14	100	32	113	938	1519
39446	39812	1988	1989	5	51	54	67	65	55	7	5	16	14	100	32	114	944	1529
39812	40177	1989	1990	5	51	54	67	66	55	7	5	16	14	101	32	115	953	1541
40177	40542	1990	1991	5	53	54	67	72	95	7	5	17	35	149	34	120	964	1677
40542	40907	1991	1992	5	54	55	67	77	105	7	5	18	39	161	36	125	979	1732
40907	41273	1992	1993	5	56	55	67	79	108	8	5	18	40	165	37	127	983	1752
41273	41638	1993	1994	5	56	55	67	79	110	8	5	18	41	166	37	128	986	1762
41638	42003	1994	1995	5	57	55	68	80	110	8	5	19	41	167	37	129	978	1758
42003	42368	1995	1996	5	57	55	68	80	111	8	5	19	41	168	38	128	1000	1782
42368	42734	1996	1997	5	58	55	68	81	113	8	5	19	41	169	38	128	989	1777
42734	43099	1997	1998	5	58	55	68	82	113	8	5	19	42	169	38	127	971	1760
43099	43464	1998	1999	5	58	55	68	82	113	8	5	19	42	168	38	125	946	1732
43464	43829	1999	2000	5	59	55	68	82	113	8	5	19	41	166	37	123	923	1705
43829	44195	2000	2001	5	58	55	68	81	106	8	5	19	38	158	37	120	894	1651
44195	44560	2001	2002	5	58	55	68	80	104	8	5	19	37	154	36	116	865	1609
44560	44925	2002	2003	5	58	55	68	79	102	8	5	19	36	151	35	114	837	1572
44925	45290	2003	2004	5	58	55	68	79	101	8	5	18	36	148	35	111	814	1540
45290	45656	2004	2005	5	57	55	68	77	95	8	5	18	33	141	34	109	788	1494
45656	46021	2005	2006	5	57	55	68	76	93	8	5	18	32	138	34	106	766	1460
46021	46386	2006	2007	5	56	55	68	76	91	8	5	18	32	135	33	104	749	1435
46386	46751	2007	2008	5	56	55	68	75	90	8	5	18	31	134	33	102	736	1416
46751	47117	2008	2009	5	55	55	68	74	90	8	5	18	31	132	32	101	727	1401
47117	47482	2009	2010	5	55	55	68	74	89	8	5	18	31	131	32	100	720	1390
47482	47847	2010	2011	5	55	55	68	74	89	8	5	17	31	131	32	99	714	1381
47847	48212	2011	2012	5	55	54	68	74	88	8	5	17	30	130	32	99	710	1374
48212	48578	2012	2013	5	54	54	67	73	87	8	5	17	30	123	30	76	376	1007
48578	48943	2013	2014	5	54	54	67	72	84	8	5	17	28	111	26	56	321	909

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Salt Load
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)														
0	1	1880	1880	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
1	1827	1880	1885	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
1827	3653	1885	1890	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
3653	5479	1890	1895	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
5479	7305	1895	1900	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
7305	9131	1900	1905	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
9131	10957	1905	1910	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
10957	12783	1910	1915	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
12783	14609	1915	1920	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
14609	16436	1920	1925	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
16436	18262	1925	1930	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
18262	20088	1930	1935	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.3	0.5	4.6	13.2
20088	21914	1935	1940	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.6	13.2
21914	23741	1940	1945	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.6	13.3
23741	25567	1945	1950	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.5	4.7	13.4
25567	27393	1950	1955	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	0.9	0.4	0.6	4.7	13.4
27393	29219	1955	1960	0.1	1.0	1.4	1.8	1.2	0.7	0.2	0.1	0.3	0.1	1.0	0.4	0.8	5.2	14.3
29219	31046	1960	1965	0.1	1.1	1.4	1.8	1.3	0.8	0.2	0.1	0.3	0.1	1.1	0.5	0.9	6.4	16.0
31046	32872	1965	1970	0.1	1.2	1.4	1.8	1.5	1.1	0.2	0.1	0.4	0.2	2.0	0.7	1.4	20.9	33.0
32872	34698	1970	1975	0.1	1.2	1.4	1.8	1.6	1.3	0.2	0.1	0.4	0.3	2.5	0.8	1.6	24.3	37.7
34698	36524	1975	1980	0.1	1.3	1.4	1.8	1.7	1.4	0.2	0.1	0.4	0.3	2.6	0.8	1.7	25.8	39.7
36524	37255	1980	1982	0.1	1.3	1.4	1.8	1.7	1.4	0.2	0.1	0.4	0.3	2.6	0.8	1.7	26.2	40.3
37255	37985	1982	1984	0.1	1.3	1.5	1.8	1.7	1.5	0.2	0.1	0.4	0.4	2.7	0.8	1.7	26.5	40.8
37985	38351	1984	1985	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.8	1.7	26.6	40.9
38351	38716	1985	1986	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.8	1.7	26.7	41.1
38716	39446	1986	1988	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.9	1.8	27.1	41.7
39446	39812	1988	1989	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.7	0.9	1.8	27.3	41.9
39812	40177	1989	1990	0.1	1.4	1.5	1.8	1.8	1.5	0.2	0.1	0.4	0.4	2.8	0.9	1.8	27.6	42.3
40177	40542	1990	1991	0.1	1.4	1.5	1.8	2.0	2.6	0.2	0.1	0.5	1.0	4.1	0.9	1.9	27.9	45.9
40542	40907	1991	1992	0.1	1.5	1.5	1.8	2.1	2.9	0.2	0.1	0.5	1.1	4.4	1.0	2.0	28.3	47.4
40907	41273	1992	1993	0.1	1.5	1.5	1.8	2.1	3.0	0.2	0.1	0.5	1.1	4.5	1.0	2.0	28.4	47.9
41273	41638	1993	1994	0.1	1.5	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.5	1.0	2.0	28.5	48.2
41638	42003	1994	1995	0.1	1.5	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.6	1.0	2.0	28.3	48.1
42003	42368	1995	1996	0.1	1.6	1.5	1.8	2.2	3.0	0.2	0.1	0.5	1.1	4.6	1.0	2.0	28.9	48.8
42368	42734	1996	1997	0.1	1.6	1.5	1.8	2.2	3.1	0.2	0.1	0.5	1.1	4.6	1.0	2.0	28.6	48.6
42734	43099	1997	1998	0.1	1.6	1.5	1.8	2.2	3.1	0.2	0.1	0.5	1.1	4.6	1.0	2.0	28.1	48.1
43099	43464	1998	1999	0.1	1.6	1.5	1.8	2.2	3.1	0.2	0.1	0.5	1.1	4.6	1.0	2.0	27.4	47.4
43464	43829	1999	2000	0.1	1.6	1.5	1.8	2.2	3.1	0.2	0.1	0.5	1.1	4.5	1.0	1.9	26.7	46.6
43829	44195	2000	2001	0.1	1.6	1.5	1.8	2.2	2.9	0.2	0.1	0.5	1.0	4.3	1.0	1.9	25.9	45.1
44195	44560	2001	2002	0.1	1.6	1.5	1.8	2.2	2.8	0.2	0.1	0.5	1.0	4.2	1.0	1.8	25.0	44.0
44560	44925	2002	2003	0.1	1.6	1.5	1.8	2.2	2.8	0.2	0.1	0.5	1.0	4.1	1.0	1.8	24.2	42.9
44925	45290	2003	2004	0.1	1.6	1.5	1.8	2.1	2.8	0.2	0.1	0.5	1.0	4.0	0.9	1.7	23.5	42.1
45290	45656	2004	2005	0.1	1.6	1.5	1.8	2.1	2.6	0.2	0.1	0.5	0.9	3.8	0.9	1.7	22.8	40.8
45656	46021	2005	2006	0.1	1.5	1.5	1.8	2.1	2.5	0.2	0.1	0.5	0.9	3.8	0.9	1.7	22.1	39.8
46021	46386	2006	2007	0.1	1.5	1.5	1.8	2.1	2.5	0.2	0.1	0.5	0.9	3.7	0.9	1.6	21.7	39.2
46386	46751	2007	2008	0.1	1.5	1.5	1.8	2.0	2.5	0.2	0.1	0.5	0.9	3.6	0.9	1.6	21.3	38.6
46751	47117	2008	2009	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.6	0.9	1.6	21.0	38.2
47117	47482	2009	2010	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.6	0.9	1.6	20.8	37.9
47482	47847	2010	2011	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.6	0.9	1.6	20.7	37.7
47847	48212	2011	2012	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.5	0.9	1.5	20.5	37.5
48212	48578	2012	2013	0.1	1.5	1.5	1.8	2.0	2.4	0.2	0.1	0.5	0.8	3.4	0.8	1.2	10.9	27.2
48578	48943	2013	2014	0.1	1.5	1.5	1.8	2.0	2.3	0.2	0.1	0.5	0.8	3.0	0.7	0.9	9.3	24.7

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S7C model)

				Simarloo															
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Flux
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)														
48943	49308	2014	2015	5	53	54	67	71	81	7	5	17	27	103	24	49	301	863
49308	49673	2015	2016	5	52	54	67	70	79	7	5	16	26	99	23	45	293	842
49673	50039	2016	2017	5	52	54	67	69	78	7	5	16	25	98	23	45	297	841
50039	50404	2017	2018	5	52	54	67	69	78	7	5	16	25	97	23	45	300	843
50404	50769	2018	2019	5	52	54	67	69	78	7	5	16	25	97	23	45	303	846
50769	51134	2019	2020	5	52	54	67	69	78	7	5	16	25	98	23	45	305	848
51134	51500	2020	2021	5	52	54	67	69	78	7	5	16	25	98	23	45	307	851
51500	51865	2021	2022	5	52	54	67	69	78	7	5	16	25	98	23	45	308	853
51865	52230	2022	2023	5	52	54	67	69	78	7	5	16	25	98	23	46	310	856
52230	52595	2023	2024	5	52	54	67	69	78	7	5	16	25	98	23	46	311	859
52595	52961	2024	2025	5	52	54	67	69	79	7	5	16	25	99	23	46	313	861
52961	53326	2025	2026	5	53	54	67	70	79	7	5	16	26	99	23	47	314	864
53326	53691	2026	2027	5	53	54	67	70	79	7	5	16	26	99	23	47	315	866
53691	54056	2027	2028	5	53	54	67	70	79	7	5	16	26	99	23	47	316	868
54056	54422	2028	2029	5	53	54	67	70	79	7	5	16	26	99	23	47	318	871
54422	54787	2029	2030	5	53	54	67	70	79	7	5	16	26	99	24	47	319	873
54787	55152	2030	2031	5	53	54	67	70	79	7	5	16	26	100	24	48	320	875
55152	55517	2031	2032	5	54	54	67	70	80	7	5	16	26	100	24	48	322	878
55517	55883	2032	2033	5	54	54	67	71	80	7	5	16	26	100	24	48	325	882
55883	56248	2033	2034	5	54	54	67	71	80	7	5	17	26	100	24	48	329	888
56248	56613	2034	2035	5	54	54	67	71	80	7	5	17	26	101	24	49	333	893
56613	56978	2035	2036	5	54	54	67	71	80	8	5	17	26	101	24	49	336	899
56978	57344	2036	2037	5	55	54	67	71	81	8	5	17	26	101	24	49	341	905
57344	57709	2037	2038	5	55	54	68	72	81	8	5	17	26	102	24	50	348	914
57709	58074	2038	2039	5	55	55	68	72	82	8	5	17	27	103	25	50	355	924
58074	58439	2039	2040	5	55	55	68	72	82	8	5	17	27	103	25	51	361	934
58439	58805	2040	2041	5	56	55	68	73	83	8	5	17	27	104	25	51	374	950
58805	59170	2041	2042	5	56	55	68	73	84	8	5	17	27	106	25	52	404	984
59170	59535	2042	2043	5	57	55	68	74	86	8	5	17	28	108	26	53	428	1017
59535	59900	2043	2044	5	58	55	68	76	87	8	5	17	29	110	26	54	448	1046
59900	60266	2044	2045	5	59	55	68	77	89	8	5	18	29	112	26	55	463	1069
60266	60631	2045	2046	5	59	55	68	78	90	8	5	18	30	114	27	56	475	1087
60631	60996	2046	2047	5	60	56	68	78	92	8	5	18	30	115	27	56	485	1102
60996	61361	2047	2048	5	61	56	68	79	92	8	5	18	30	116	27	57	493	1114
61361	61727	2048	2049	5	61	56	68	80	93	8	5	18	30	117	27	57	499	1124
61727	62092	2049	2050	5	61	56	68	80	94	8	5	18	31	118	27	58	505	1133
62092	62457	2050	2051	5	62	56	68	80	94	8	5	18	31	118	28	58	510	1140
62457	62822	2051	2052	5	62	56	68	81	95	8	5	18	31	119	28	58	514	1147
62822	63188	2052	2053	5	62	56	68	81	95	8	5	18	31	119	28	58	518	1153
63188	63553	2053	2054	5	63	56	68	81	95	8	5	18	31	119	28	59	521	1158
63553	63918	2054	2055	5	63	56	68	81	96	8	5	18	31	120	28	59	524	1162
63918	64283	2055	2056	5	63	56	68	82	96	8	5	18	31	120	28	59	527	1167
64283	64649	2056	2057	5	63	56	68	82	96	8	5	18	31	120	28	59	529	1170
64649	65014	2057	2058	5	63	56	68	82	96	8	5	18	31	121	28	59	531	1174
65014	65379	2058	2059	5	63	56	68	82	97	8	5	18	31	121	28	59	533	1177
65379	65744	2059	2060	5	64	56	68	82	97	8	5	18	32	121	28	60	535	1180
65744	66110	2060	2061	5	64	56	69	82	97	8	5	18	32	121	28	60	537	1183
66110	66475	2061	2062	5	64	56	69	82	97	8	5	18	32	121	28	60	539	1185
66475	66840	2062	2063	5	64	56	69	83	97	8	5	18	32	122	28	60	540	1188
66840	67205	2063	2064	5	64	56	69	83	97	8	5	19	32	122	28	60	542	1190
67205	67571	2064	2065	5	64	56	69	83	97	8	5	19	32	122	28	60	543	1192

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Salt Load
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)														
48943	49308	2014	2015	0.1	1.4	1.5	1.8	1.9	2.2	0.2	0.1	0.5	0.7	2.8	0.7	0.8	8.7	23.5
49308	49673	2015	2016	0.1	1.4	1.5	1.8	1.9	2.2	0.2	0.1	0.4	0.7	2.7	0.6	0.7	8.5	22.9
49673	50039	2016	2017	0.1	1.4	1.5	1.8	1.9	2.1	0.2	0.1	0.4	0.7	2.7	0.6	0.7	8.6	22.9
50039	50404	2017	2018	0.1	1.4	1.5	1.8	1.9	2.1	0.2	0.1	0.4	0.7	2.7	0.6	0.7	8.7	23.0
50404	50769	2018	2019	0.1	1.4	1.5	1.8	1.9	2.1	0.2	0.1	0.4	0.7	2.7	0.6	0.7	8.8	23.0
50769	51134	2019	2020	0.1	1.4	1.5	1.8	1.9	2.1	0.2	0.1	0.4	0.7	2.7	0.6	0.7	8.8	23.1
51134	51500	2020	2021	0.1	1.4	1.5	1.8	1.9	2.1	0.2	0.1	0.4	0.7	2.7	0.6	0.7	8.9	23.2
51500	51865	2021	2022	0.1	1.4	1.5	1.8	1.9	2.1	0.2	0.1	0.4	0.7	2.7	0.6	0.7	8.9	23.3
51865	52230	2022	2023	0.1	1.4	1.5	1.8	1.9	2.1	0.2	0.1	0.4	0.7	2.7	0.6	0.7	9.0	23.3
52230	52595	2023	2024	0.1	1.4	1.5	1.8	1.9	2.1	0.2	0.1	0.4	0.7	2.7	0.6	0.7	9.0	23.4
52595	52961	2024	2025	0.1	1.4	1.5	1.8	1.9	2.1	0.2	0.1	0.4	0.7	2.7	0.6	0.7	9.0	23.5
52961	53326	2025	2026	0.1	1.4	1.5	1.8	1.9	2.1	0.2	0.1	0.4	0.7	2.7	0.6	0.7	9.1	23.5
53326	53691	2026	2027	0.1	1.4	1.5	1.8	1.9	2.2	0.2	0.1	0.4	0.7	2.7	0.6	0.7	9.1	23.6
53691	54056	2027	2028	0.1	1.4	1.5	1.8	1.9	2.2	0.2	0.1	0.4	0.7	2.7	0.6	0.7	9.2	23.7
54056	54422	2028	2029	0.1	1.4	1.5	1.8	1.9	2.2	0.2	0.1	0.4	0.7	2.7	0.6	0.7	9.2	23.7
54422	54787	2029	2030	0.1	1.5	1.5	1.8	1.9	2.2	0.2	0.1	0.4	0.7	2.7	0.6	0.7	9.2	23.8
54787	55152	2030	2031	0.1	1.5	1.5	1.8	1.9	2.2	0.2	0.1	0.4	0.7	2.7	0.6	0.7	9.3	23.9
55152	55517	2031	2032	0.1	1.5	1.5	1.8	1.9	2.2	0.2	0.1	0.4	0.7	2.7	0.6	0.7	9.3	23.9
55517	55883	2032	2033	0.1	1.5	1.5	1.8	1.9	2.2	0.2	0.1	0.4	0.7	2.7	0.6	0.8	9.4	24.0
55883	56248	2033	2034	0.1	1.5	1.5	1.8	1.9	2.2	0.2	0.1	0.5	0.7	2.7	0.7	0.8	9.5	24.2
56248	56613	2034	2035	0.1	1.5	1.5	1.8	1.9	2.2	0.2	0.1	0.5	0.7	2.7	0.7	0.8	9.6	24.3
56613	56978	2035	2036	0.1	1.5	1.5	1.8	1.9	2.2	0.2	0.1	0.5	0.7	2.8	0.7	0.8	9.7	24.5
56978	57344	2036	2037	0.1	1.5	1.5	1.8	1.9	2.2	0.2	0.1	0.5	0.7	2.8	0.7	0.8	9.9	24.7
57344	57709	2037	2038	0.1	1.5	1.5	1.8	2.0	2.2	0.2	0.1	0.5	0.7	2.8	0.7	0.8	10.1	24.9
57709	58074	2038	2039	0.1	1.5	1.5	1.8	2.0	2.2	0.2	0.1	0.5	0.7	2.8	0.7	0.8	10.3	25.2
58074	58439	2039	2040	0.1	1.5	1.5	1.8	2.0	2.2	0.2	0.1	0.5	0.7	2.8	0.7	0.8	10.5	25.5
58439	58805	2040	2041	0.1	1.5	1.5	1.8	2.0	2.3	0.2	0.1	0.5	0.7	2.8	0.7	0.8	10.8	25.9
58805	59170	2041	2042	0.1	1.5	1.5	1.8	2.0	2.3	0.2	0.1	0.5	0.7	2.9	0.7	0.8	11.7	26.9
59170	59535	2042	2043	0.1	1.6	1.5	1.8	2.0	2.3	0.2	0.1	0.5	0.8	2.9	0.7	0.8	12.4	27.8
59535	59900	2043	2044	0.1	1.6	1.5	1.9	2.1	2.4	0.2	0.1	0.5	0.8	3.0	0.7	0.8	13.0	28.6
59900	60266	2044	2045	0.1	1.6	1.5	1.9	2.1	2.4	0.2	0.1	0.5	0.8	3.1	0.7	0.9	13.4	29.3
60266	60631	2045	2046	0.1	1.6	1.5	1.9	2.1	2.5	0.2	0.1	0.5	0.8	3.1	0.7	0.9	13.7	29.8
60631	60996	2046	2047	0.1	1.6	1.5	1.9	2.1	2.5	0.2	0.1	0.5	0.8	3.1	0.7	0.9	14.0	30.2
60996	61361	2047	2048	0.1	1.7	1.5	1.9	2.2	2.5	0.2	0.1	0.5	0.8	3.2	0.7	0.9	14.2	30.5
61361	61727	2048	2049	0.1	1.7	1.5	1.9	2.2	2.5	0.2	0.1	0.5	0.8	3.2	0.7	0.9	14.4	30.8
61727	62092	2049	2050	0.1	1.7	1.5	1.9	2.2	2.6	0.2	0.1	0.5	0.8	3.2	0.7	0.9	14.6	31.1
62092	62457	2050	2051	0.1	1.7	1.5	1.9	2.2	2.6	0.2	0.1	0.5	0.8	3.2	0.8	0.9	14.7	31.3
62457	62822	2051	2052	0.1	1.7	1.5	1.9	2.2	2.6	0.2	0.1	0.5	0.8	3.2	0.8	0.9	14.9	31.5
62822	63188	2052	2053	0.1	1.7	1.5	1.9	2.2	2.6	0.2	0.1	0.5	0.8	3.2	0.8	0.9	15.0	31.6
63188	63553	2053	2054	0.1	1.7	1.5	1.9	2.2	2.6	0.2	0.1	0.5	0.8	3.3	0.8	0.9	15.1	31.8
63553	63918	2054	2055	0.1	1.7	1.5	1.9	2.2	2.6	0.2	0.1	0.5	0.9	3.3	0.8	0.9	15.2	31.9
63918	64283	2055	2056	0.1	1.7	1.5	1.9	2.2	2.6	0.2	0.1	0.5	0.9	3.3	0.8	0.9	15.2	32.0
64283	64649	2056	2057	0.1	1.7	1.5	1.9	2.2	2.6	0.2	0.1	0.5	0.9	3.3	0.8	0.9	15.3	32.1
64649	65014	2057	2058	0.1	1.7	1.5	1.9	2.2	2.6	0.2	0.1	0.5	0.9	3.3	0.8	0.9	15.4	32.2
65014	65379	2058	2059	0.1	1.7	1.5	1.9	2.2	2.6	0.2	0.1	0.5	0.9	3.3	0.8	0.9	15.4	32.3
65379	65744	2059	2060	0.1	1.7	1.5	1.9	2.2	2.6	0.2	0.1	0.5	0.9	3.3	0.8	0.9	15.5	32.4
65744	66110	2060	2061	0.1	1.7	1.5	1.9	2.2	2.6	0.2	0.1	0.5	0.9	3.3	0.8	0.9	15.5	32.5
66110	66475	2061	2062	0.1	1.7	1.5	1.9	2.2	2.6	0.2	0.1	0.5	0.9	3.3	0.8	0.9	15.6	32.5
66475	66840	2062	2063	0.1	1.7	1.5	1.9	2.3	2.7	0.2	0.1	0.5	0.9	3.3	0.8	0.9	15.6	32.6
66840	67205	2063	2064	0.1	1.7	1.5	1.9	2.3	2.7	0.2	0.1	0.5	0.9	3.3	0.8	0.9	15.7	32.7
67205	67571	2064	2065	0.1	1.8	1.5	1.9	2.3	2.7	0.2	0.1	0.5	0.9	3.3	0.8	0.9	15.7	32.7

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S7C model)

				Simarloo															
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Flux
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)														
67571	67936	2065	2066	5	64	57	69	83	98	8	5	19	32	122	29	60	544	1194
67936	68301	2066	2067	5	64	57	69	83	98	8	5	19	32	122	29	60	546	1196
68301	68666	2067	2068	5	64	57	69	83	98	8	5	19	32	122	29	60	547	1198
68666	69032	2068	2069	5	65	57	69	83	98	8	5	19	32	122	29	60	548	1199
69032	69397	2069	2070	5	65	57	69	83	98	8	5	19	32	122	29	60	549	1201
69397	69762	2070	2071	6	65	57	69	83	98	8	5	19	32	123	29	61	550	1202
69762	70127	2071	2072	6	65	57	69	83	98	8	5	19	32	123	29	61	551	1204
70127	70493	2072	2073	6	65	57	69	83	98	8	5	19	32	123	29	61	552	1205
70493	70858	2073	2074	6	65	57	69	83	98	8	5	19	32	123	29	61	552	1206
70858	71223	2074	2075	6	65	57	69	84	98	8	5	19	32	123	29	61	553	1207
71223	71588	2075	2076	6	65	57	69	84	98	8	5	19	32	123	29	61	554	1209
71588	71954	2076	2077	6	65	57	69	84	98	8	5	19	32	123	29	61	555	1210
71954	72319	2077	2078	6	65	57	69	84	99	8	5	19	32	123	29	61	555	1211
72319	72684	2078	2079	6	65	57	69	84	99	8	5	19	32	123	29	61	556	1212
72684	73049	2079	2080	6	65	57	69	84	99	8	5	19	32	123	29	61	557	1213
73049	73415	2080	2081	6	65	57	69	84	99	8	5	19	32	123	29	61	557	1214
73415	73780	2081	2082	6	65	57	69	84	99	8	6	19	32	123	29	61	558	1215
73780	74145	2082	2083	6	65	57	69	84	99	8	6	19	32	123	29	61	558	1215
74145	74510	2083	2084	6	65	57	69	84	99	8	6	19	32	124	29	61	559	1216
74510	74876	2084	2085	6	65	57	69	84	99	8	6	19	32	124	29	61	559	1217
74876	75241	2085	2086	6	66	57	69	84	99	8	6	19	32	124	29	61	560	1218
75241	75606	2086	2087	6	66	57	69	84	99	8	6	19	32	124	29	61	560	1219
75606	75971	2087	2088	6	66	57	69	84	99	8	6	19	32	124	29	61	561	1219
75971	76337	2088	2089	6	66	57	69	84	99	8	6	19	32	124	29	61	561	1220
76337	76702	2089	2090	6	66	57	69	84	99	8	6	19	32	124	29	61	561	1221
76702	77067	2090	2091	6	66	57	69	84	99	8	6	19	32	124	29	61	562	1221
77067	77432	2091	2092	6	66	57	69	84	99	8	6	19	32	124	29	61	562	1222
77432	77798	2092	2093	6	66	57	69	84	99	8	6	19	32	124	29	62	563	1222
77798	78163	2093	2094	6	66	57	69	84	99	8	6	19	32	124	29	62	563	1223
78163	78528	2094	2095	6	66	57	69	84	99	8	6	19	32	124	29	62	563	1224
78528	78893	2095	2096	6	66	57	69	84	99	8	6	19	32	124	29	62	564	1224
78893	79259	2096	2097	6	66	57	69	84	99	8	6	19	32	124	29	62	564	1225
79259	79624	2097	2098	6	66	57	69	84	99	8	6	19	32	124	29	62	564	1225
79624	79989	2098	2099	6	66	57	69	84	99	8	6	19	32	124	29	62	565	1226
79989	80354	2099	2100	6	66	57	69	84	99	8	6	19	32	124	29	62	565	1226
80354	80719	2100	2101	6	66	57	69	84	99	8	6	19	32	124	29	62	565	1227
80719	81084	2101	2102	6	66	57	69	84	99	8	6	19	32	124	29	62	565	1227
81084	81449	2102	2103	6	66	57	69	85	99	8	6	19	32	124	29	62	566	1228
81449	81814	2103	2104	6	66	57	69	85	100	8	6	19	32	124	29	62	566	1228
81814	82180	2104	2105	6	66	57	69	85	100	8	6	19	32	124	29	62	566	1228
82180	82545	2105	2106	6	66	57	69	85	100	8	6	19	32	124	29	62	567	1229
82545	82910	2106	2107	6	66	57	69	85	100	8	6	19	32	124	29	62	567	1229
82910	83275	2107	2108	6	66	57	69	85	100	8	6	19	33	124	29	62	567	1230
83275	83641	2108	2109	6	66	57	69	85	100	8	6	19	33	124	29	62	567	1230
83641	84006	2109	2110	6	66	57	69	85	100	8	6	19	33	124	29	62	567	1230
84006	84371	2110	2111	6	66	57	69	85	100	8	6	19	33	124	29	62	568	1231
84371	84736	2111	2112	6	66	57	69	85	100	8	6	19	33	124	29	62	568	1231
84736	85102	2112	2113	6	66	57	69	85	100	8	6	19	33	125	29	62	568	1232
85102	85467	2113	2114	6	66	57	69	85	100	8	6	19	33	125	29	62	568	1232

				Simarloo														
Model Budget Zone				Z66	Z67	Z68	Z69	Z70	Z71	Z72	Z73	Z74	Z75	Z76	Z77	Z78	Z99	Total Salt Load
Salinity (mg/L)				27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	27276	15699	28927	
River Kms				558	557	556	555	554	553	552	551	550	549	548	547	546		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)														
67571	67936	2065	2066	0.1	1.8	1.5	1.9	2.3	2.7	0.2	0.1	0.5	0.9	3.3	0.8	0.9	15.7	32.8
67936	68301	2066	2067	0.1	1.8	1.5	1.9	2.3	2.7	0.2	0.1	0.5	0.9	3.3	0.8	0.9	15.8	32.8
68301	68666	2067	2068	0.1	1.8	1.5	1.9	2.3	2.7	0.2	0.1	0.5	0.9	3.3	0.8	0.9	15.8	32.9
68666	69032	2068	2069	0.1	1.8	1.5	1.9	2.3	2.7	0.2	0.1	0.5	0.9	3.3	0.8	0.9	15.8	32.9
69032	69397	2069	2070	0.1	1.8	1.5	1.9	2.3	2.7	0.2	0.1	0.5	0.9	3.3	0.8	0.9	15.9	33.0
69397	69762	2070	2071	0.2	1.8	1.5	1.9	2.3	2.7	0.2	0.1	0.5	0.9	3.3	0.8	1.0	15.9	33.0
69762	70127	2071	2072	0.2	1.8	1.5	1.9	2.3	2.7	0.2	0.1	0.5	0.9	3.3	0.8	1.0	15.9	33.0
70127	70493	2072	2073	0.2	1.8	1.5	1.9	2.3	2.7	0.2	0.1	0.5	0.9	3.3	0.8	1.0	16.0	33.1
70493	70858	2073	2074	0.2	1.8	1.5	1.9	2.3	2.7	0.2	0.1	0.5	0.9	3.4	0.8	1.0	16.0	33.1
70858	71223	2074	2075	0.2	1.8	1.5	1.9	2.3	2.7	0.2	0.1	0.5	0.9	3.4	0.8	1.0	16.0	33.1
71223	71588	2075	2076	0.2	1.8	1.5	1.9	2.3	2.7	0.2	0.1	0.5	0.9	3.4	0.8	1.0	16.0	33.2
71588	71954	2076	2077	0.2	1.8	1.5	1.9	2.3	2.7	0.2	0.1	0.5	0.9	3.4	0.8	1.0	16.0	33.2
71954	72319	2077	2078	0.2	1.8	1.5	1.9	2.3	2.7	0.2	0.1	0.5	0.9	3.4	0.8	1.0	16.1	33.2
72319	72684	2078	2079	0.2	1.8	1.5	1.9	2.3	2.7	0.2	0.1	0.5	0.9	3.4	0.8	1.0	16.1	33.3
72684	73049	2079	2080	0.2	1.8	1.5	1.9	2.3	2.7	0.2	0.1	0.5	0.9	3.4	0.8	1.0	16.1	33.3
73049	73415	2080	2081	0.2	1.8	1.5	1.9	2.3	2.7	0.2	0.1	0.5	0.9	3.4	0.8	1.0	16.1	33.3
73415	73780	2081	2082	0.2	1.8	1.5	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.1	33.3
73780	74145	2082	2083	0.2	1.8	1.5	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.1	33.4
74145	74510	2083	2084	0.2	1.8	1.5	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.2	33.4
74510	74876	2084	2085	0.2	1.8	1.5	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.2	33.4
74876	75241	2085	2086	0.2	1.8	1.5	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.2	33.4
75241	75606	2086	2087	0.2	1.8	1.5	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.2	33.5
75606	75971	2087	2088	0.2	1.8	1.5	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.2	33.5
75971	76337	2088	2089	0.2	1.8	1.5	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.2	33.5
76337	76702	2089	2090	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.2	33.5
76702	77067	2090	2091	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.3	33.5
77067	77432	2091	2092	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.3	33.5
77432	77798	2092	2093	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.3	33.6
77798	78163	2093	2094	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.3	33.6
78163	78528	2094	2095	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.3	33.6
78528	78893	2095	2096	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.3	33.6
78893	79259	2096	2097	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.3	33.6
79259	79624	2097	2098	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.3	33.6
79624	79989	2098	2099	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.3	33.7
79989	80354	2099	2100	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.3	33.7
80354	80719	2100	2101	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.3	33.7
80719	81084	2101	2102	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.4	33.7
81084	81449	2102	2103	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.4	33.7
81449	81814	2103	2104	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.4	33.7
81814	82180	2104	2105	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.4	33.7
82180	82545	2105	2106	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.4	33.7
82545	82910	2106	2107	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.4	33.8
82910	83275	2107	2108	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.4	33.8
83275	83641	2108	2109	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.4	33.8
83641	84006	2109	2110	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.4	33.8
84006	84371	2110	2111	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.4	33.8
84371	84736	2111	2112	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.4	33.8
84736	85102	2112	2113	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.4	33.8
85102	85467	2113	2114	0.2	1.8	1.6	1.9	2.3	2.7	0.2	0.2	0.5	0.9	3.4	0.8	1.0	16.4	33.8

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S7C model)

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Flux
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)								
0	1	1880	1880	0	827	78	4	128	218	38	237	1530
1	1827	1880	1885	0	827	78	4	128	218	38	237	1530
1827	3653	1885	1890	0	827	78	4	128	218	38	237	1530
3653	5479	1890	1895	0	827	78	4	128	218	38	237	1530
5479	7305	1895	1900	0	827	78	4	128	218	38	237	1530
7305	9131	1900	1905	0	827	78	4	128	218	38	237	1530
9131	10957	1905	1910	0	827	78	4	128	218	38	237	1530
10957	12783	1910	1915	0	827	78	4	128	218	38	237	1530
12783	14609	1915	1920	0	827	78	4	128	218	38	237	1530
14609	16436	1920	1925	0	827	78	4	128	218	38	237	1530
16436	18262	1925	1930	0	827	78	4	128	218	38	237	1530
18262	20088	1930	1935	0	827	78	4	128	218	38	237	1530
20088	21914	1935	1940	0	827	78	4	128	218	38	237	1530
21914	23741	1940	1945	0	827	78	4	128	218	38	237	1530
23741	25567	1945	1950	0	827	78	4	128	218	38	237	1530
25567	27393	1950	1955	0	827	78	4	128	218	38	237	1530
27393	29219	1955	1960	0	827	78	4	128	218	48	278	1581
29219	31046	1960	1965	0	827	78	4	128	219	57	326	1640
31046	32872	1965	1970	0	827	78	4	128	220	63	349	1670
32872	34698	1970	1975	0	827	78	4	129	221	67	369	1696
34698	36524	1975	1980	0	827	78	5	130	223	104	609	1977
36524	37255	1980	1982	0	827	78	5	130	224	157	659	2080
37255	37985	1982	1984	0	827	79	5	131	226	178	694	2139
37985	38351	1984	1985	0	827	79	5	131	226	185	707	2160
38351	38716	1985	1986	0	827	79	5	131	227	190	718	2177
38716	39446	1986	1988	0	827	79	5	132	228	198	736	2204
39446	39812	1988	1989	0	827	79	5	132	228	201	743	2215
39812	40177	1989	1990	0	827	79	5	132	228	204	750	2225
40177	40542	1990	1991	0	827	79	5	132	229	206	755	2232
40542	40907	1991	1992	0	827	79	5	132	229	207	758	2238
40907	41273	1992	1993	0	827	79	5	132	229	209	761	2242
41273	41638	1993	1994	0	827	79	5	132	229	210	762	2245
41638	42003	1994	1995	0	827	79	5	132	230	211	763	2246
42003	42368	1995	1996	0	827	79	5	133	230	211	763	2248
42368	42734	1996	1997	0	828	79	5	133	230	214	763	2251
42734	43099	1997	1998	0	828	79	5	133	231	217	763	2256
43099	43464	1998	1999	0	828	79	5	134	232	221	763	2261
43464	43829	1999	2000	0	828	79	5	134	232	220	758	2256
43829	44195	2000	2001	0	828	79	6	134	233	219	753	2251
44195	44560	2001	2002	0	828	79	6	134	233	221	746	2247
44560	44925	2002	2003	0	828	79	6	135	233	222	737	2240
44925	45290	2003	2004	0	828	79	6	135	234	221	728	2230
45290	45656	2004	2005	0	828	79	6	135	234	218	716	2215
45656	46021	2005	2006	0	828	79	6	135	234	213	703	2197
46021	46386	2006	2007	0	828	79	6	135	234	206	689	2175
46386	46751	2007	2008	0	828	79	6	135	233	199	673	2153
46751	47117	2008	2009	0	828	79	6	135	233	195	658	2132
47117	47482	2009	2010	0	828	79	6	134	233	191	646	2116
47482	47847	2010	2011	0	828	79	6	134	232	188	637	2104
47847	48212	2011	2012	0	831	79	5	134	232	185	630	2097
48212	48578	2012	2013	0	831	79	5	134	232	182	624	2087
48578	48943	2013	2014	0	831	79	5	134	231	178	620	2078

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Salt Load
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)								
0	1	1880	1880	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
1	1827	1880	1885	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
1827	3653	1885	1890	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
3653	5479	1890	1895	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
5479	7305	1895	1900	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
7305	9131	1900	1905	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
9131	10957	1905	1910	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
10957	12783	1910	1915	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
12783	14609	1915	1920	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
14609	16436	1920	1925	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
16436	18262	1925	1930	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
18262	20088	1930	1935	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
20088	21914	1935	1940	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
21914	23741	1940	1945	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
23741	25567	1945	1950	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
25567	27393	1950	1955	0.0	0.8	0.1	0.0	0.1	5.3	1.2	9.9	17.4
27393	29219	1955	1960	0.0	0.8	0.1	0.0	0.1	5.3	1.5	11.7	19.4
29219	31046	1960	1965	0.0	0.8	0.1	0.0	0.1	5.3	1.8	13.7	21.8
31046	32872	1965	1970	0.0	0.8	0.1	0.0	0.1	5.3	2.0	14.6	22.9
32872	34698	1970	1975	0.0	0.8	0.1	0.0	0.1	5.3	2.1	15.5	24.0
34698	36524	1975	1980	0.0	0.8	0.1	0.0	0.1	5.4	3.4	25.6	35.3
36524	37255	1980	1982	0.0	0.8	0.1	0.0	0.1	5.4	5.0	27.7	39.1
37255	37985	1982	1984	0.0	0.8	0.1	0.0	0.1	5.5	5.7	29.1	41.3
37985	38351	1984	1985	0.0	0.8	0.1	0.0	0.1	5.5	6.0	29.7	42.1
38351	38716	1985	1986	0.0	0.8	0.1	0.0	0.1	5.5	6.1	30.2	42.7
38716	39446	1986	1988	0.0	0.8	0.1	0.0	0.1	5.5	6.4	30.9	43.7
39446	39812	1988	1989	0.0	0.8	0.1	0.0	0.1	5.5	6.5	31.2	44.1
39812	40177	1989	1990	0.0	0.8	0.1	0.0	0.1	5.5	6.6	31.5	44.5
40177	40542	1990	1991	0.0	0.8	0.1	0.0	0.1	5.5	6.6	31.7	44.8
40542	40907	1991	1992	0.0	0.8	0.1	0.0	0.1	5.5	6.7	31.8	45.0
40907	41273	1992	1993	0.0	0.8	0.1	0.0	0.1	5.5	6.7	31.9	45.2
41273	41638	1993	1994	0.0	0.8	0.1	0.0	0.1	5.5	6.8	32.0	45.3
41638	42003	1994	1995	0.0	0.8	0.1	0.0	0.1	5.6	6.8	32.0	45.3
42003	42368	1995	1996	0.0	0.8	0.1	0.0	0.1	5.6	6.8	32.0	45.4
42368	42734	1996	1997	0.0	0.8	0.1	0.0	0.1	5.6	6.9	32.0	45.4
42734	43099	1997	1998	0.0	0.8	0.1	0.0	0.1	5.6	7.0	32.0	45.6
43099	43464	1998	1999	0.0	0.8	0.1	0.0	0.1	5.6	7.1	32.0	45.7
43464	43829	1999	2000	0.0	0.8	0.1	0.0	0.1	5.6	7.1	31.8	45.5
43829	44195	2000	2001	0.0	0.8	0.1	0.0	0.1	5.6	7.1	31.6	45.3
44195	44560	2001	2002	0.0	0.8	0.1	0.0	0.1	5.6	7.1	31.3	45.0
44560	44925	2002	2003	0.0	0.8	0.1	0.0	0.1	5.6	7.2	31.0	44.7
44925	45290	2003	2004	0.0	0.8	0.1	0.0	0.1	5.7	7.1	30.6	44.3
45290	45656	2004	2005	0.0	0.8	0.1	0.0	0.1	5.7	7.0	30.1	43.7
45656	46021	2005	2006	0.0	0.8	0.1	0.0	0.1	5.7	6.9	29.5	43.0
46021	46386	2006	2007	0.0	0.8	0.1	0.0	0.1	5.6	6.6	28.9	42.2
46386	46751	2007	2008	0.0	0.8	0.1	0.0	0.1	5.6	6.4	28.3	41.3
46751	47117	2008	2009	0.0	0.8	0.1	0.0	0.1	5.6	6.3	27.6	40.5
47117	47482	2009	2010	0.0	0.8	0.1	0.0	0.1	5.6	6.2	27.1	39.9
47482	47847	2010	2011	0.0	0.8	0.1	0.0	0.1	5.6	6.1	26.7	39.4
47847	48212	2011	2012	0.0	0.8	0.1	0.0	0.1	5.6	6.0	26.5	39.0
48212	48578	2012	2013	0.0	0.8	0.1	0.0	0.1	5.6	5.9	26.2	38.6
48578	48943	2013	2014	0.0	0.8	0.1	0.0	0.1	5.6	5.7	26.0	38.3

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S7C model)

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Flux
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)								
48943	49308	2014	2015	0	831	79	5	134	231	175	615	2070
49308	49673	2015	2016	0	831	79	5	133	230	173	625	2077
49673	50039	2016	2017	0	831	79	5	133	230	172	641	2091
50039	50404	2017	2018	0	831	79	5	133	230	173	655	2106
50404	50769	2018	2019	0	831	79	5	133	230	174	667	2120
50769	51134	2019	2020	0	832	79	5	134	230	175	678	2132
51134	51500	2020	2021	0	832	79	5	134	230	177	688	2144
51500	51865	2021	2022	0	832	79	5	134	230	179	701	2161
51865	52230	2022	2023	0	832	79	5	134	230	183	717	2180
52230	52595	2023	2024	0	832	79	5	134	231	187	732	2200
52595	52961	2024	2025	0	832	79	6	134	231	191	747	2220
52961	53326	2025	2026	0	832	79	6	134	231	196	762	2240
53326	53691	2026	2027	0	832	79	6	134	231	201	777	2261
53691	54056	2027	2028	0	832	79	6	135	232	206	791	2280
54056	54422	2028	2029	0	832	79	6	135	232	211	804	2298
54422	54787	2029	2030	0	832	79	6	135	232	216	815	2315
54787	55152	2030	2031	0	832	79	6	135	233	220	829	2334
55152	55517	2031	2032	0	832	79	6	135	233	224	844	2352
55517	55883	2032	2033	0	832	79	6	135	233	227	854	2367
55883	56248	2033	2034	0	832	79	6	135	233	230	863	2379
56248	56613	2034	2035	0	832	79	6	136	234	233	871	2390
56613	56978	2035	2036	0	832	79	6	136	234	235	878	2400
56978	57344	2036	2037	0	832	79	6	136	234	238	884	2408
57344	57709	2037	2038	0	832	79	6	136	234	240	889	2417
57709	58074	2038	2039	0	832	79	6	136	235	242	895	2425
58074	58439	2039	2040	0	832	79	6	136	235	244	901	2433
58439	58805	2040	2041	0	832	79	6	136	235	246	907	2441
58805	59170	2041	2042	0	832	79	6	136	235	249	916	2455
59170	59535	2042	2043	0	832	79	6	137	236	254	928	2471
59535	59900	2043	2044	0	832	79	6	137	236	258	940	2488
59900	60266	2044	2045	0	832	79	6	137	237	261	951	2503
60266	60631	2045	2046	0	832	79	6	137	237	265	961	2518
60631	60996	2046	2047	0	833	79	6	137	237	269	971	2532
60996	61361	2047	2048	0	833	79	6	137	238	273	980	2546
61361	61727	2048	2049	0	833	79	6	138	238	278	989	2561
61727	62092	2049	2050	0	833	79	6	138	239	283	998	2576
62092	62457	2050	2051	0	833	79	6	138	239	288	1006	2589
62457	62822	2051	2052	0	833	79	6	138	239	291	1013	2600
62822	63188	2052	2053	0	833	79	6	138	240	294	1020	2610
63188	63553	2053	2054	0	833	79	6	138	240	297	1025	2619
63553	63918	2054	2055	0	833	79	6	139	240	300	1031	2627
63918	64283	2055	2056	0	833	79	6	139	240	302	1035	2634
64283	64649	2056	2057	0	833	79	6	139	241	304	1040	2641
64649	65014	2057	2058	0	833	79	6	139	241	306	1044	2648
65014	65379	2058	2059	0	833	79	6	139	241	308	1047	2654
65379	65744	2059	2060	0	833	79	6	139	241	310	1051	2659
65744	66110	2060	2061	0	833	79	6	139	241	311	1054	2664
66110	66475	2061	2062	0	833	79	6	139	242	313	1057	2669
66475	66840	2062	2063	0	833	79	6	139	242	315	1060	2674
66840	67205	2063	2064	0	833	79	6	139	242	316	1063	2679
67205	67571	2064	2065	0	833	79	6	140	242	318	1065	2683

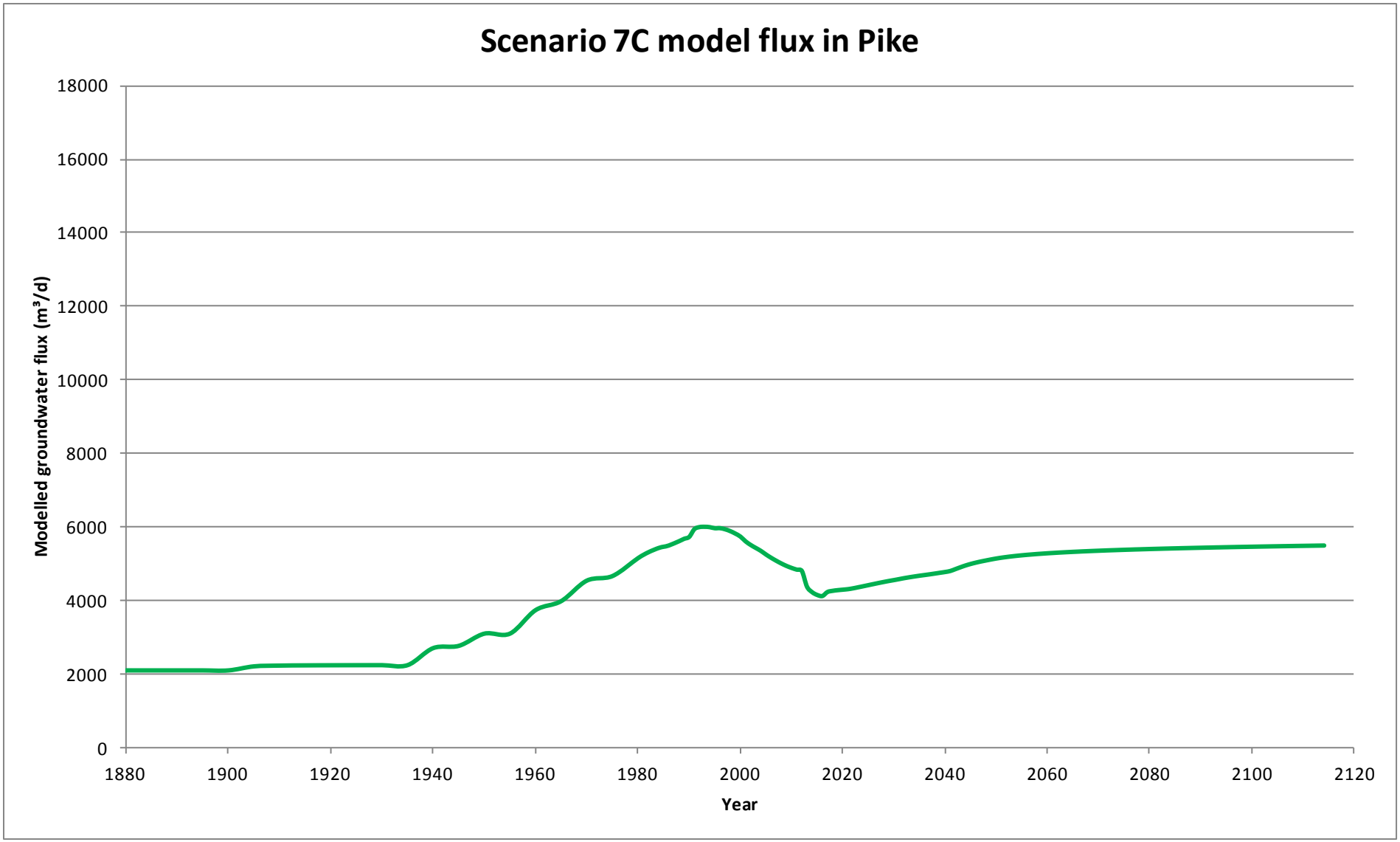
				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Salt Load
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)								
48943	49308	2014	2015	0.0	0.8	0.1	0.0	0.1	5.6	5.6	25.8	38.0
49308	49673	2015	2016	0.0	0.8	0.1	0.0	0.1	5.6	5.6	26.3	38.4
49673	50039	2016	2017	0.0	0.8	0.1	0.0	0.1	5.6	5.5	26.9	39.0
50039	50404	2017	2018	0.0	0.8	0.1	0.0	0.1	5.6	5.6	27.5	39.6
50404	50769	2018	2019	0.0	0.8	0.1	0.0	0.1	5.6	5.6	28.0	40.1
50769	51134	2019	2020	0.0	0.8	0.1	0.0	0.1	5.6	5.6	28.5	40.6
51134	51500	2020	2021	0.0	0.8	0.1	0.0	0.1	5.6	5.7	28.9	41.1
51500	51865	2021	2022	0.0	0.8	0.1	0.0	0.1	5.6	5.8	29.5	41.8
51865	52230	2022	2023	0.0	0.8	0.1	0.0	0.1	5.6	5.9	30.1	42.5
52230	52595	2023	2024	0.0	0.8	0.1	0.0	0.1	5.6	6.0	30.8	43.3
52595	52961	2024	2025	0.0	0.8	0.1	0.0	0.1	5.6	6.2	31.4	44.1
52961	53326	2025	2026	0.0	0.8	0.1	0.0	0.1	5.6	6.3	32.0	44.9
53326	53691	2026	2027	0.0	0.8	0.1	0.0	0.1	5.6	6.5	32.6	45.7
53691	54056	2027	2028	0.0	0.8	0.1	0.0	0.1	5.6	6.6	33.2	46.4
54056	54422	2028	2029	0.0	0.8	0.1	0.0	0.1	5.6	6.8	33.8	47.1
54422	54787	2029	2030	0.0	0.8	0.1	0.0	0.1	5.6	7.0	34.2	47.8
54787	55152	2030	2031	0.0	0.8	0.1	0.0	0.1	5.6	7.1	34.8	48.5
55152	55517	2031	2032	0.0	0.8	0.1	0.0	0.1	5.6	7.2	35.4	49.2
55517	55883	2032	2033	0.0	0.8	0.1	0.0	0.1	5.6	7.3	35.9	49.8
55883	56248	2033	2034	0.0	0.8	0.1	0.0	0.1	5.6	7.4	36.3	50.3
56248	56613	2034	2035	0.0	0.8	0.1	0.0	0.1	5.7	7.5	36.6	50.7
56613	56978	2035	2036	0.0	0.8	0.1	0.0	0.1	5.7	7.6	36.9	51.1
56978	57344	2036	2037	0.0	0.8	0.1	0.0	0.1	5.7	7.7	37.1	51.4
57344	57709	2037	2038	0.0	0.8	0.1	0.0	0.1	5.7	7.7	37.3	51.7
57709	58074	2038	2039	0.0	0.8	0.1	0.0	0.1	5.7	7.8	37.6	52.0
58074	58439	2039	2040	0.0	0.8	0.1	0.0	0.1	5.7	7.9	37.8	52.3
58439	58805	2040	2041	0.0	0.8	0.1	0.0	0.1	5.7	7.9	38.1	52.7
58805	59170	2041	2042	0.0	0.8	0.1	0.0	0.1	5.7	8.0	38.5	53.2
59170	59535	2042	2043	0.0	0.8	0.1	0.0	0.1	5.7	8.2	39.0	53.8
59535	59900	2043	2044	0.0	0.8	0.1	0.0	0.1	5.7	8.3	39.5	54.4
59900	60266	2044	2045	0.0	0.8	0.1	0.0	0.1	5.7	8.4	39.9	55.0
60266	60631	2045	2046	0.0	0.8	0.1	0.0	0.1	5.7	8.5	40.4	55.6
60631	60996	2046	2047	0.0	0.8	0.1	0.0	0.1	5.7	8.6	40.8	56.1
60996	61361	2047	2048	0.0	0.8	0.1	0.0	0.1	5.8	8.8	41.2	56.7
61361	61727	2048	2049	0.0	0.8	0.1	0.0	0.1	5.8	9.0	41.6	57.2
61727	62092	2049	2050	0.0	0.8	0.1	0.0	0.1	5.8	9.1	41.9	57.8
62092	62457	2050	2051	0.0	0.8	0.1	0.0	0.1	5.8	9.3	42.3	58.3
62457	62822	2051	2052	0.0	0.8	0.1	0.0	0.1	5.8	9.4	42.6	58.7
62822	63188	2052	2053	0.0	0.8	0.1	0.0	0.1	5.8	9.5	42.8	59.1
63188	63553	2053	2054	0.0	0.8	0.1	0.0	0.1	5.8	9.6	43.1	59.4
63553	63918	2054	2055	0.0	0.8	0.1	0.0	0.1	5.8	9.6	43.3	59.7
63918	64283	2055	2056	0.0	0.8	0.1	0.0	0.1	5.8	9.7	43.5	60.0
64283	64649	2056	2057	0.0	0.8	0.1	0.0	0.1	5.8	9.8	43.7	60.2
64649	65014	2057	2058	0.0	0.8	0.1	0.0	0.1	5.8	9.9	43.8	60.5
65014	65379	2058	2059	0.0	0.8	0.1	0.0	0.1	5.8	9.9	44.0	60.7
65379	65744	2059	2060	0.0	0.8	0.1	0.0	0.1	5.8	10.0	44.1	60.9
65744	66110	2060	2061	0.0	0.8	0.1	0.0	0.1	5.8	10.0	44.3	61.1
66110	66475	2061	2062	0.0	0.8	0.1	0.0	0.1	5.8	10.1	44.4	61.3
66475	66840	2062	2063	0.0	0.8	0.1	0.0	0.1	5.8	10.1	44.5	61.4
66840	67205	2063	2064	0.0	0.8	0.1	0.0	0.1	5.8	10.2	44.6	61.6
67205	67571	2064	2065	0.0	0.8	0.1	0.0	0.1	5.8	10.2	44.7	61.8

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S7C model)

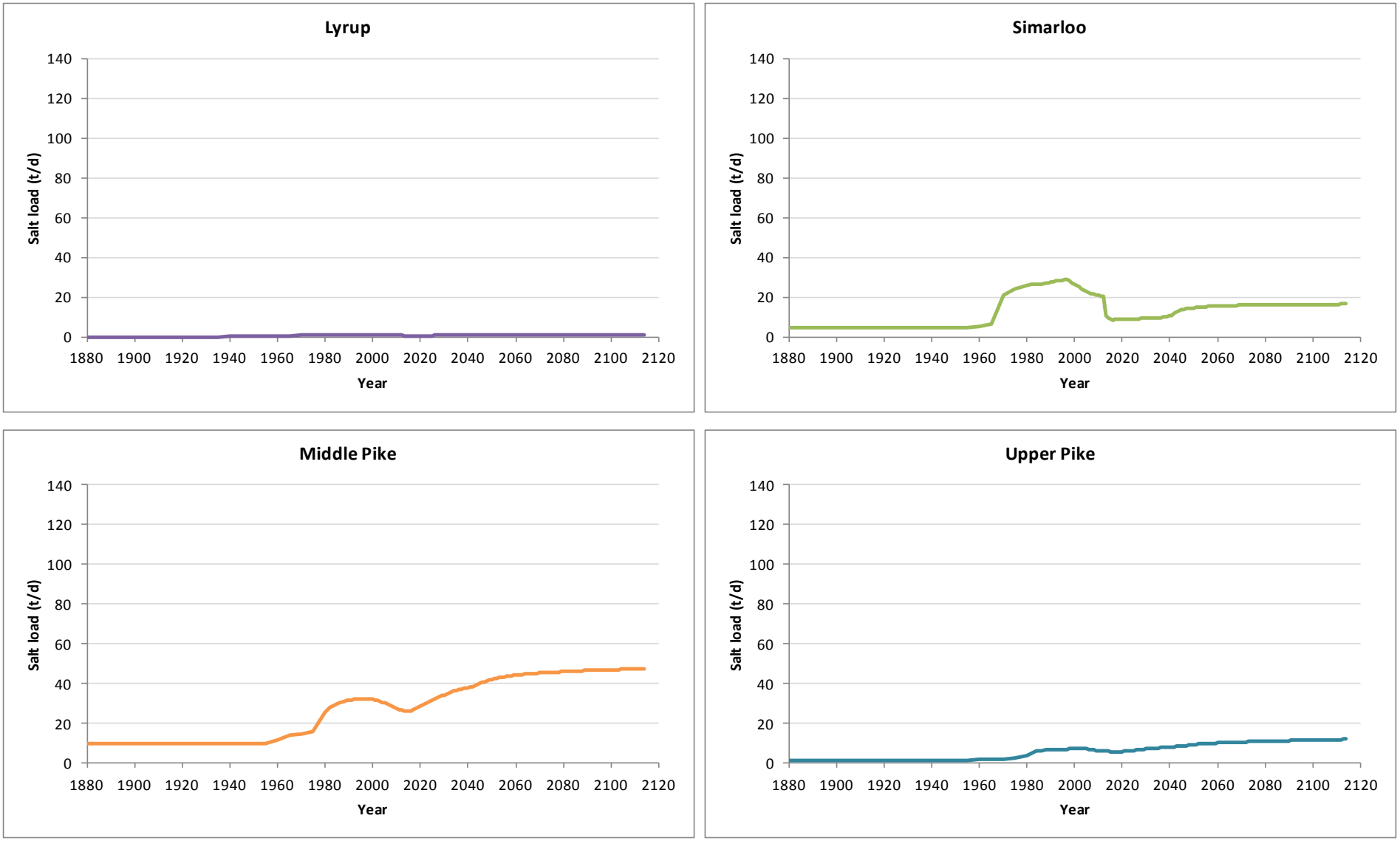
				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Flux
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)								
67571	67936	2065	2066	0	833	79	6	140	242	319	1067	2687
67936	68301	2066	2067	0	833	79	6	140	242	320	1070	2691
68301	68666	2067	2068	0	833	79	6	140	242	322	1072	2695
68666	69032	2068	2069	0	833	79	7	140	242	323	1074	2698
69032	69397	2069	2070	0	833	79	7	140	243	324	1076	2702
69397	69762	2070	2071	0	833	79	7	140	243	326	1078	2705
69762	70127	2071	2072	0	833	79	7	140	243	327	1080	2709
70127	70493	2072	2073	0	833	79	7	140	243	328	1082	2712
70493	70858	2073	2074	0	833	79	7	140	243	329	1084	2715
70858	71223	2074	2075	0	833	79	7	140	243	331	1085	2718
71223	71588	2075	2076	0	833	79	7	140	243	332	1087	2721
71588	71954	2076	2077	0	833	79	7	140	243	333	1088	2724
71954	72319	2077	2078	0	833	79	7	140	243	334	1090	2727
72319	72684	2078	2079	0	833	79	7	140	243	335	1091	2729
72684	73049	2079	2080	0	833	79	7	140	244	336	1093	2732
73049	73415	2080	2081	0	833	79	7	141	244	337	1094	2735
73415	73780	2081	2082	0	833	79	7	141	244	338	1096	2737
73780	74145	2082	2083	0	833	79	7	141	244	339	1097	2740
74145	74510	2083	2084	0	833	79	7	141	244	340	1098	2743
74510	74876	2084	2085	0	833	79	7	141	244	341	1100	2745
74876	75241	2085	2086	0	833	79	7	141	244	342	1101	2747
75241	75606	2086	2087	0	833	79	7	141	244	343	1102	2750
75606	75971	2087	2088	0	833	79	7	141	244	344	1103	2752
75971	76337	2088	2089	0	833	79	7	141	244	345	1104	2754
76337	76702	2089	2090	0	833	79	7	141	244	346	1106	2757
76702	77067	2090	2091	0	833	79	7	141	244	347	1107	2759
77067	77432	2091	2092	0	833	79	7	141	245	348	1108	2761
77432	77798	2092	2093	0	833	79	7	141	245	349	1109	2763
77798	78163	2093	2094	0	833	79	7	141	245	350	1110	2765
78163	78528	2094	2095	0	833	79	7	141	245	351	1111	2768
78528	78893	2095	2096	0	833	79	7	141	245	352	1112	2770
78893	79259	2096	2097	0	833	79	7	141	245	353	1113	2772
79259	79624	2097	2098	0	833	79	7	141	245	354	1114	2774
79624	79989	2098	2099	0	834	79	7	141	245	355	1115	2775
79989	80354	2099	2100	0	834	79	7	141	245	356	1116	2777
80354	80719	2100	2101	0	834	79	7	141	245	356	1117	2779
80719	81084	2101	2102	0	834	79	7	141	245	357	1118	2781
81084	81449	2102	2103	0	834	79	7	141	245	358	1119	2783
81449	81814	2103	2104	0	834	79	7	141	245	359	1120	2785
81814	82180	2104	2105	0	834	79	7	142	245	360	1120	2787
82180	82545	2105	2106	0	834	79	7	142	245	361	1121	2789
82545	82910	2106	2107	0	834	79	7	142	245	362	1122	2790
82910	83275	2107	2108	0	834	79	7	142	245	362	1123	2792
83275	83641	2108	2109	0	834	79	7	142	246	363	1124	2794
83641	84006	2109	2110	0	834	79	7	142	246	364	1125	2796
84006	84371	2110	2111	0	834	79	7	142	246	365	1125	2797
84371	84736	2111	2112	0	834	79	7	142	246	365	1126	2799
84736	85102	2112	2113	0	834	79	7	142	246	366	1127	2801
85102	85467	2113	2114	0	834	79	7	142	246	367	1128	2802

				Middle Pike and Upper Pike								
Model Budget Zone				Z60	Z61	Z62	Z63	Z64	Z65	Z97	Z98	Total Salt Load
Salinity (mg/L)				15104	910	910	910	910	24178	32200	42000	
River Kms				564	563	562	561	560	559			
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)								
67571	67936	2065	2066	0.0	0.8	0.1	0.0	0.1	5.9	10.3	44.8	61.9
67936	68301	2066	2067	0.0	0.8	0.1	0.0	0.1	5.9	10.3	44.9	62.1
68301	68666	2067	2068	0.0	0.8	0.1	0.0	0.1	5.9	10.4	45.0	62.2
68666	69032	2068	2069	0.0	0.8	0.1	0.0	0.1	5.9	10.4	45.1	62.3
69032	69397	2069	2070	0.0	0.8	0.1	0.0	0.1	5.9	10.4	45.2	62.5
69397	69762	2070	2071	0.0	0.8	0.1	0.0	0.1	5.9	10.5	45.3	62.6
69762	70127	2071	2072	0.0	0.8	0.1	0.0	0.1	5.9	10.5	45.4	62.7
70127	70493	2072	2073	0.0	0.8	0.1	0.0	0.1	5.9	10.6	45.4	62.8
70493	70858	2073	2074	0.0	0.8	0.1	0.0	0.1	5.9	10.6	45.5	62.9
70858	71223	2074	2075	0.0	0.8	0.1	0.0	0.1	5.9	10.6	45.6	63.1
71223	71588	2075	2076	0.0	0.8	0.1	0.0	0.1	5.9	10.7	45.6	63.2
71588	71954	2076	2077	0.0	0.8	0.1	0.0	0.1	5.9	10.7	45.7	63.3
71954	72319	2077	2078	0.0	0.8	0.1	0.0	0.1	5.9	10.8	45.8	63.4
72319	72684	2078	2079	0.0	0.8	0.1	0.0	0.1	5.9	10.8	45.8	63.5
72684	73049	2079	2080	0.0	0.8	0.1	0.0	0.1	5.9	10.8	45.9	63.6
73049	73415	2080	2081	0.0	0.8	0.1	0.0	0.1	5.9	10.9	46.0	63.7
73415	73780	2081	2082	0.0	0.8	0.1	0.0	0.1	5.9	10.9	46.0	63.8
73780	74145	2082	2083	0.0	0.8	0.1	0.0	0.1	5.9	10.9	46.1	63.9
74145	74510	2083	2084	0.0	0.8	0.1	0.0	0.1	5.9	11.0	46.1	63.9
74510	74876	2084	2085	0.0	0.8	0.1	0.0	0.1	5.9	11.0	46.2	64.0
74876	75241	2085	2086	0.0	0.8	0.1	0.0	0.1	5.9	11.0	46.2	64.1
75241	75606	2086	2087	0.0	0.8	0.1	0.0	0.1	5.9	11.1	46.3	64.2
75606	75971	2087	2088	0.0	0.8	0.1	0.0	0.1	5.9	11.1	46.3	64.3
75971	76337	2088	2089	0.0	0.8	0.1	0.0	0.1	5.9	11.1	46.4	64.4
76337	76702	2089	2090	0.0	0.8	0.1	0.0	0.1	5.9	11.2	46.4	64.5
76702	77067	2090	2091	0.0	0.8	0.1	0.0	0.1	5.9	11.2	46.5	64.5
77067	77432	2091	2092	0.0	0.8	0.1	0.0	0.1	5.9	11.2	46.5	64.6
77432	77798	2092	2093	0.0	0.8	0.1	0.0	0.1	5.9	11.2	46.6	64.7
77798	78163	2093	2094	0.0	0.8	0.1	0.0	0.1	5.9	11.3	46.6	64.8
78163	78528	2094	2095	0.0	0.8	0.1	0.0	0.1	5.9	11.3	46.7	64.9
78528	78893	2095	2096	0.0	0.8	0.1	0.0	0.1	5.9	11.3	46.7	64.9
78893	79259	2096	2097	0.0	0.8	0.1	0.0	0.1	5.9	11.4	46.7	65.0
79259	79624	2097	2098	0.0	0.8	0.1	0.0	0.1	5.9	11.4	46.8	65.1
79624	79989	2098	2099	0.0	0.8	0.1	0.0	0.1	5.9	11.4	46.8	65.1
79989	80354	2099	2100	0.0	0.8	0.1	0.0	0.1	5.9	11.5	46.9	65.2
80354	80719	2100	2101	0.0	0.8	0.1	0.0	0.1	5.9	11.5	46.9	65.3
80719	81084	2101	2102	0.0	0.8	0.1	0.0	0.1	5.9	11.5	46.9	65.3
81084	81449	2102	2103	0.0	0.8	0.1	0.0	0.1	5.9	11.5	47.0	65.4
81449	81814	2103	2104	0.0	0.8	0.1	0.0	0.1	5.9	11.6	47.0	65.5
81814	82180	2104	2105	0.0	0.8	0.1	0.0	0.1	5.9	11.6	47.1	65.5
82180	82545	2105	2106	0.0	0.8	0.1	0.0	0.1	5.9	11.6	47.1	65.6
82545	82910	2106	2107	0.0	0.8	0.1	0.0	0.1	5.9	11.6	47.1	65.7
82910	83275	2107	2108	0.0	0.8	0.1	0.0	0.1	5.9	11.7	47.2	65.7
83275	83641	2108	2109	0.0	0.8	0.1	0.0	0.1	5.9	11.7	47.2	65.8
83641	84006	2109	2110	0.0	0.8	0.1	0.0	0.1	5.9	11.7	47.2	65.9
84006	84371	2110	2111	0.0	0.8	0.1	0.0	0.1	5.9	11.7	47.3	65.9
84371	84736	2111	2112	0.0	0.8	0.1	0.0	0.1	5.9	11.8	47.3	66.0
84736	85102	2112	2113	0.0	0.8	0.1	0.0	0.1	5.9	11.8	47.3	66.0
85102	85467	2113	2114	0.0	0.8	0.1	0.0	0.1	5.9	11.8	47.4	66.1

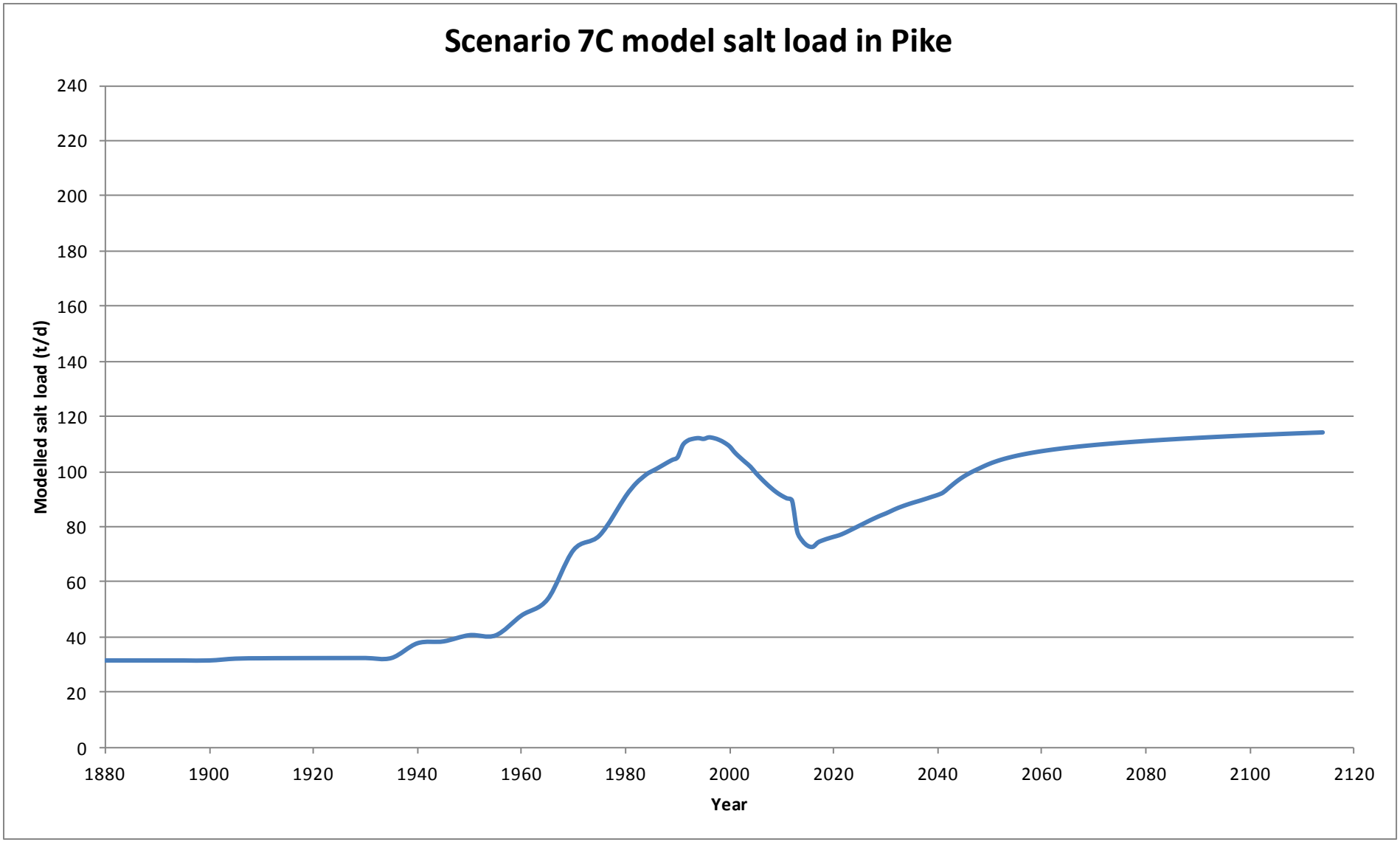
B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Pike area (S7C model)



B-3. Graph of modelled groundwater flux (m³/d) entering the River Murray in Pike (S7C model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Pike (S7C model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Pike (S7C model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
0	1	1880	1880	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1827	1880	1885	0	0	0	0	0	0	0	0	0	0	0	0	0
1827	3653	1885	1890	0	0	0	0	0	0	0	0	0	0	0	0	0
3653	5479	1890	1895	0	0	0	0	0	0	0	0	0	0	0	0	0
5479	7305	1895	1900	0	0	0	0	0	0	0	0	0	0	0	0	0
7305	9131	1900	1905	0	0	0	0	0	0	0	0	0	0	0	0	0
9131	10957	1905	1910	0	0	0	0	0	0	0	0	0	0	0	0	0
10957	12783	1910	1915	0	0	0	0	0	0	0	0	0	0	0	0	0
12783	14609	1915	1920	0	0	0	0	0	0	0	0	0	0	0	0	0
14609	16436	1920	1925	0	0	0	0	0	0	0	0	0	0	0	0	0
16436	18262	1925	1930	0	0	0	0	0	0	0	0	0	0	0	0	0
18262	20088	1930	1935	0	0	0	0	0	0	0	0	0	0	0	0	0
20088	21914	1935	1940	0	0	0	0	0	0	0	0	0	0	0	0	0
21914	23741	1940	1945	0	0	0	0	0	0	0	0	0	0	0	0	0
23741	25567	1945	1950	0	0	0	0	0	0	0	0	0	0	0	0	0
25567	27393	1950	1955	0	0	0	0	0	0	0	0	0	0	0	0	0
27393	29219	1955	1960	0	0	0	0	0	0	0	0	0	0	0	0	0
29219	31046	1960	1965	0	0	0	0	0	0	0	0	0	0	0	0	0
31046	32872	1965	1970	0	0	0	0	0	0	0	0	0	0	0	0	0
32872	34698	1970	1975	0	0	67	41	0	0	0	0	0	0	0	0	108
34698	36524	1975	1980	0	0	73	46	0	0	0	0	0	0	0	0	119
36524	37255	1980	1982	6	0	85	53	0	0	0	0	0	0	0	0	144
37255	37985	1982	1984	7	0	91	57	0	0	0	0	0	0	0	0	154
37985	38351	1984	1985	7	0	92	58	0	0	0	0	0	0	0	0	157
38351	38716	1985	1986	6	0	78	57	0	0	0	0	0	0	0	0	141
38716	39446	1986	1988	6	0	79	58	0	0	0	0	0	0	0	0	143
39446	39812	1988	1989	6	0	79	59	0	0	0	0	0	0	0	0	144
39812	40177	1989	1990	6	0	80	59	0	0	0	0	0	0	0	0	145
40177	40542	1990	1991	7	0	93	68	0	0	0	0	0	0	0	0	168
40542	40907	1991	1992	8	0	104	76	0	0	0	0	0	0	0	0	188
40907	41273	1992	1993	8	0	111	81	0	0	0	0	0	0	0	0	199
41273	41638	1993	1994	9	0	115	84	0	0	0	0	0	0	0	0	207
41638	42003	1994	1995	9	0	118	86	0	0	0	0	0	0	0	0	213
42003	42368	1995	1996	9	0	120	88	0	0	0	0	0	0	0	0	217
42368	42734	1996	1997	9	0	122	89	0	0	0	0	0	0	0	0	221
42734	43099	1997	1998	10	0	123	91	0	0	0	0	0	0	0	0	224
43099	43464	1998	1999	10	0	125	92	0	0	0	0	0	0	0	0	227
43464	43829	1999	2000	10	0	126	93	0	0	0	0	0	0	0	0	230
43829	44195	2000	2001	5	0	102	66	0	0	0	0	0	0	0	4	177
44195	44560	2001	2002	5	0	101	66	0	0	0	0	0	0	0	10	183
44560	44925	2002	2003	4	0	88	65	1	0	0	0	0	0	0	14	172
44925	45290	2003	2004	4	0	88	66	2	0	0	0	0	0	0	16	176
45290	45656	2004	2005	4	0	83	58	3	0	0	0	0	0	0	18	166
45656	46021	2005	2006	4	0	83	59	3	0	0	0	0	0	0	19	168
46021	46386	2006	2007	4	0	83	59	3	0	0	0	0	0	0	20	170
46386	46751	2007	2008	4	0	84	60	3	0	0	0	0	0	0	20	171
46751	47117	2008	2009	4	0	84	60	3	0	0	0	0	0	0	20	172
47117	47482	2009	2010	4	0	84	60	4	0	0	0	0	0	0	21	173
47482	47847	2010	2011	4	0	84	60	4	0	0	0	0	0	0	21	173
47847	48212	2011	2012	4	0	85	61	4	0	0	0	0	0	0	21	174
48212	48578	2012	2013	4	0	85	61	4	0	0	0	0	0	0	20	175
48578	48943	2013	2014	5	0	85	61	4	0	0	0	0	0	0	20	175

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
0	1	1880	1880	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	1827	1880	1885	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1827	3653	1885	1890	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3653	5479	1890	1895	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5479	7305	1895	1900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7305	9131	1900	1905	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9131	10957	1905	1910	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10957	12783	1910	1915	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12783	14609	1915	1920	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14609	16436	1920	1925	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16436	18262	1925	1930	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18262	20088	1930	1935	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20088	21914	1935	1940	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21914	23741	1940	1945	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23741	25567	1945	1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25567	27393	1950	1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27393	29219	1955	1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29219	31046	1960	1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31046	32872	1965	1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32872	34698	1970	1975	0.0	0.0	1.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
34698	36524	1975	1980	0.0	0.0	1.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
36524	37255	1980	1982	0.1	0.0	1.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
37255	37985	1982	1984	0.1	0.0	1.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
37985	38351	1984	1985	0.1	0.0	1.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
38351	38716	1985	1986	0.1	0.0	1.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
38716	39446	1986	1988	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
39446	39812	1988	1989	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
39812	40177	1989	1990	0.1	0.0	1.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
40177	40542	1990	1991	0.1	0.0	1.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
40542	40907	1991	1992	0.2	0.0	2.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
40907	41273	1992	1993	0.2	0.0	2.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
41273	41638	1993	1994	0.2	0.0	2.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
41638	42003	1994	1995	0.2	0.0	2.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
42003	42368	1995	1996	0.2	0.0	2.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
42368	42734	1996	1997	0.2	0.0	2.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
42734	43099	1997	1998	0.2	0.0	2.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
43099	43464	1998	1999	0.2	0.0	2.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
43464	43829	1999	2000	0.2	0.0	2.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
43829	44195	2000	2001	0.1	0.0	2.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.5
44195	44560	2001	2002	0.1	0.0	2.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	3.7
44560	44925	2002	2003	0.1	0.0	1.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	3.5
44925	45290	2003	2004	0.1	0.0	1.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.6
45290	45656	2004	2005	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.5
45656	46021	2005	2006	0.1	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.5
46021	46386	2006	2007	0.1	0.0	1.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.5
46386	46751	2007	2008	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
46751	47117	2008	2009	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
47117	47482	2009	2010	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
47482	47847	2010	2011	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
47847	48212	2011	2012	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
48212	48578	2012	2013	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6
48578	48943	2013	2014	0.1	0.0	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.6

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7C model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
48943	49308	2014	2015	2	0	26	9	0	0	0	0	0	0	0	11	48
49308	49673	2015	2016	3	0	51	20	0	0	0	0	0	0	0	37	111
49673	50039	2016	2017	4	0	61	35	7	0	0	0	0	0	0	63	170
50039	50404	2017	2018	4	0	71	48	13	0	0	0	0	0	0	81	216
50404	50769	2018	2019	4	0	80	60	20	0	0	0	0	0	0	96	260
50769	51134	2019	2020	4	0	88	71	24	0	0	0	0	0	0	108	296
51134	51500	2020	2021	7	0	102	82	29	0	0	0	0	0	0	118	337
51500	51865	2021	2022	8	0	117	93	34	0	0	0	0	0	0	126	378
51865	52230	2022	2023	10	0	128	102	38	0	0	0	0	0	0	133	411
52230	52595	2023	2024	10	0	138	110	42	0	0	0	0	0	0	138	439
52595	52961	2024	2025	12	0	146	117	45	0	0	0	0	0	0	143	463
52961	53326	2025	2026	13	0	153	123	48	0	0	0	0	0	0	147	485
53326	53691	2026	2027	14	0	161	129	51	0	0	0	0	0	0	150	505
53691	54056	2027	2028	16	0	167	134	54	0	0	0	0	0	0	154	524
54056	54422	2028	2029	17	0	174	139	56	0	0	0	0	0	0	156	542
54422	54787	2029	2030	18	0	179	144	58	0	0	0	0	0	0	159	558
54787	55152	2030	2031	19	0	185	148	60	0	0	0	0	0	0	161	574
55152	55517	2031	2032	21	0	194	159	68	0	0	0	0	0	0	165	607
55517	55883	2032	2033	22	0	203	168	72	0	0	0	0	0	0	169	634
55883	56248	2033	2034	24	0	211	174	76	0	0	0	0	0	0	174	658
56248	56613	2034	2035	25	0	218	180	79	0	0	0	0	0	0	177	679
56613	56978	2035	2036	26	0	224	185	81	0	0	0	0	0	0	180	698
56978	57344	2036	2037	28	0	230	190	84	0	0	0	0	0	0	183	715
57344	57709	2037	2038	29	0	235	194	86	0	0	0	0	0	0	186	731
57709	58074	2038	2039	31	0	240	198	88	0	0	0	0	0	0	188	745
58074	58439	2039	2040	32	0	245	202	89	0	0	0	0	0	0	190	758
58439	58805	2040	2041	33	0	249	205	91	0	0	0	0	0	0	192	771
58805	59170	2041	2042	34	0	253	209	93	0	0	0	0	0	0	194	782
59170	59535	2042	2043	35	0	257	212	94	0	0	0	0	0	0	196	793
59535	59900	2043	2044	36	0	260	214	95	0	0	0	0	0	0	198	803
59900	60266	2044	2045	37	0	263	217	97	0	0	0	0	0	0	199	813
60266	60631	2045	2046	38	0	267	220	98	0	0	0	0	0	0	201	823
60631	60996	2046	2047	39	0	273	224	99	0	0	0	0	0	0	203	839
60996	61361	2047	2048	42	0	280	229	101	0	0	0	0	0	0	205	858
61361	61727	2048	2049	44	0	288	235	104	0	0	0	0	0	0	208	878
61727	62092	2049	2050	46	0	295	240	106	0	0	0	0	0	0	211	897
62092	62457	2050	2051	47	0	301	245	108	0	0	0	0	0	0	213	915
62457	62822	2051	2052	49	0	307	250	110	0	0	0	0	0	0	216	932
62822	63188	2052	2053	50	0	313	254	113	0	0	0	0	0	0	218	949
63188	63553	2053	2054	52	0	318	259	115	0	0	0	0	0	0	220	965
63553	63918	2054	2055	53	0	323	263	118	0	0	0	0	0	0	223	980
63918	64283	2055	2056	55	0	328	267	120	0	0	0	0	0	0	225	995
64283	64649	2056	2057	56	0	333	271	122	0	0	0	0	0	0	227	1009
64649	65014	2057	2058	57	0	338	274	124	0	0	0	0	0	0	229	1023
65014	65379	2058	2059	58	0	342	278	127	0	0	0	0	0	0	231	1036
65379	65744	2059	2060	59	0	347	282	129	0	0	0	0	0	0	233	1049
65744	66110	2060	2061	60	0	351	285	131	0	0	0	0	0	0	235	1061
66110	66475	2061	2062	61	0	355	288	133	0	0	0	0	0	0	237	1073
66475	66840	2062	2063	62	0	358	291	135	0	0	0	0	0	0	238	1085
66840	67205	2063	2064	63	0	362	294	137	0	0	0	0	0	0	240	1096
67205	67571	2064	2065	64	0	366	297	139	0	0	0	0	0	0	242	1107

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
48943	49308	2014	2015	0.0	0.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.1
49308	49673	2015	2016	0.1	0.0	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.6
49673	50039	2016	2017	0.1	0.0	1.2	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9	4.0
50039	50404	2017	2018	0.1	0.0	1.4	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.5	5.1
50404	50769	2018	2019	0.1	0.0	1.6	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	3.0	6.1
50769	51134	2019	2020	0.1	0.0	1.7	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	3.3	6.9
51134	51500	2020	2021	0.1	0.0	2.0	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	3.7	7.8
51500	51865	2021	2022	0.2	0.0	2.3	1.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	3.9	8.7
51865	52230	2022	2023	0.2	0.0	2.5	2.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	4.1	9.4
52230	52595	2023	2024	0.2	0.0	2.7	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	4.3	10.0
52595	52961	2024	2025	0.2	0.0	2.9	2.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	4.4	10.5
52961	53326	2025	2026	0.3	0.0	3.0	2.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	4.5	11.0
53326	53691	2026	2027	0.3	0.0	3.2	2.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	4.6	11.4
53691	54056	2027	2028	0.3	0.0	3.3	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	4.7	11.8
54056	54422	2028	2029	0.3	0.0	3.4	2.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	4.8	12.2
54422	54787	2029	2030	0.4	0.0	3.5	2.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	4.9	12.5
54787	55152	2030	2031	0.4	0.0	3.6	2.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	12.9
55152	55517	2031	2032	0.4	0.0	3.8	3.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	5.1	13.5
55517	55883	2032	2033	0.4	0.0	4.0	3.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	5.2	14.1
55883	56248	2033	2034	0.5	0.0	4.2	3.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	5.4	14.6
56248	56613	2034	2035	0.5	0.0	4.3	3.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	5.5	15.0
56613	56978	2035	2036	0.5	0.0	4.4	3.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	5.6	15.4
56978	57344	2036	2037	0.6	0.0	4.5	3.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	5.7	15.8
57344	57709	2037	2038	0.6	0.0	4.6	3.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	5.7	16.1
57709	58074	2038	2039	0.6	0.0	4.7	3.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	5.8	16.4
58074	58439	2039	2040	0.6	0.0	4.8	3.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	5.9	16.7
58439	58805	2040	2041	0.7	0.0	4.9	4.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	5.9	17.0
58805	59170	2041	2042	0.7	0.0	5.0	4.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	6.0	17.2
59170	59535	2042	2043	0.7	0.0	5.1	4.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	6.0	17.4
59535	59900	2043	2044	0.7	0.0	5.1	4.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	6.1	17.6
59900	60266	2044	2045	0.7	0.0	5.2	4.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	6.1	17.8
60266	60631	2045	2046	0.7	0.0	5.3	4.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	6.2	18.1
60631	60996	2046	2047	0.8	0.0	5.4	4.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	6.3	18.4
60996	61361	2047	2048	0.8	0.0	5.5	4.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	6.3	18.8
61361	61727	2048	2049	0.9	0.0	5.7	4.6	1.7	0.0	0.0	0.0	0.0	0.0	0.0	6.4	19.2
61727	62092	2049	2050	0.9	0.0	5.8	4.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	6.5	19.6
62092	62457	2050	2051	0.9	0.0	5.9	4.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0	6.6	20.0
62457	62822	2051	2052	1.0	0.0	6.1	4.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	6.7	20.3
62822	63188	2052	2053	1.0	0.0	6.2	5.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	6.7	20.7
63188	63553	2053	2054	1.0	0.0	6.3	5.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	6.8	21.0
63553	63918	2054	2055	1.1	0.0	6.4	5.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0	6.9	21.3
63918	64283	2055	2056	1.1	0.0	6.5	5.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0	6.9	21.6
64283	64649	2056	2057	1.1	0.0	6.6	5.3	2.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	21.9
64649	65014	2057	2058	1.1	0.0	6.7	5.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	22.2
65014	65379	2058	2059	1.1	0.0	6.7	5.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	22.5
65379	65744	2059	2060	1.2	0.0	6.8	5.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	7.2	22.7
65744	66110	2060	2061	1.2	0.0	6.9	5.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	7.2	23.0
66110	66475	2061	2062	1.2	0.0	7.0	5.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	7.3	23.2
66475	66840	2062	2063	1.2	0.0	7.1	5.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	7.4	23.5
66840	67205	2063	2064	1.2	0.0	7.1	5.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	7.4	23.7
67205	67571	2064	2065	1.3	0.0	7.2	5.8	2.2	0.0	0.0	0.0	0.0	0.0	0.0	7.5	23.9

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7C model)

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Flux
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)												
67571	67936	2065	2066	65	0	369	300	140	0	0	0	0	0	0	243	1117
67936	68301	2066	2067	66	0	372	302	142	0	0	0	0	0	0	245	1127
68301	68666	2067	2068	67	0	375	305	144	0	0	0	0	0	0	247	1137
68666	69032	2068	2069	67	0	378	307	145	0	0	0	0	0	0	248	1146
69032	69397	2069	2070	68	0	381	310	147	0	0	0	0	0	0	250	1155
69397	69762	2070	2071	69	0	384	312	148	0	0	0	0	0	0	251	1164
69762	70127	2071	2072	69	0	387	314	150	0	0	0	0	0	0	252	1172
70127	70493	2072	2073	70	0	389	316	151	0	0	0	0	0	0	254	1181
70493	70858	2073	2074	71	0	392	319	152	0	0	0	0	0	0	255	1189
70858	71223	2074	2075	71	0	394	321	154	0	0	0	0	0	0	256	1196
71223	71588	2075	2076	72	0	397	323	155	0	0	0	0	0	0	258	1204
71588	71954	2076	2077	73	0	399	324	156	0	0	0	0	0	0	259	1211
71954	72319	2077	2078	73	0	401	326	157	0	0	0	0	0	0	260	1218
72319	72684	2078	2079	74	0	403	328	159	0	0	0	0	0	0	261	1225
72684	73049	2079	2080	74	0	406	330	160	0	0	0	0	0	0	262	1232
73049	73415	2080	2081	75	0	408	332	161	0	0	0	0	0	0	263	1238
73415	73780	2081	2082	75	0	410	334	162	0	0	0	0	0	0	264	1245
73780	74145	2082	2083	76	0	412	335	163	0	0	0	0	0	0	265	1251
74145	74510	2083	2084	76	0	413	337	164	0	0	0	0	0	0	267	1257
74510	74876	2084	2085	77	0	415	339	165	0	0	0	0	0	0	268	1264
74876	75241	2085	2086	77	0	417	340	166	0	0	0	0	0	0	268	1269
75241	75606	2086	2087	77	0	419	342	167	0	0	0	0	0	0	269	1275
75606	75971	2087	2088	78	0	421	344	168	0	0	0	0	0	0	270	1281
75971	76337	2088	2089	78	0	422	345	169	0	0	0	0	0	0	271	1286
76337	76702	2089	2090	79	0	424	347	170	0	0	0	0	0	1	272	1291
76702	77067	2090	2091	79	0	425	348	171	0	0	0	0	0	1	273	1297
77067	77432	2091	2092	79	0	427	349	171	0	0	0	0	0	1	274	1302
77432	77798	2092	2093	80	0	428	351	172	0	0	0	0	0	1	275	1307
77798	78163	2093	2094	80	0	430	352	173	0	0	0	0	0	1	276	1311
78163	78528	2094	2095	80	0	431	353	174	0	0	0	0	0	1	276	1316
78528	78893	2095	2096	81	0	432	355	175	0	0	0	0	0	1	277	1321
78893	79259	2096	2097	81	0	434	356	175	0	0	0	0	0	1	278	1325
79259	79624	2097	2098	81	0	435	357	176	0	0	0	0	0	1	279	1329
79624	79989	2098	2099	82	0	436	358	177	0	0	0	0	0	1	279	1333
79989	80354	2099	2100	82	0	438	360	177	0	0	0	0	0	1	280	1338
80354	80719	2100	2101	82	0	439	361	178	0	0	0	0	0	1	281	1342
80719	81084	2101	2102	83	0	440	362	179	0	0	0	0	0	1	281	1345
81084	81449	2102	2103	83	0	441	363	179	0	0	0	0	0	1	282	1349
81449	81814	2103	2104	83	0	442	364	180	0	0	0	0	0	1	283	1353
81814	82180	2104	2105	83	0	443	365	181	0	0	0	0	0	1	283	1357
82180	82545	2105	2106	84	0	444	366	181	0	0	0	0	0	1	284	1360
82545	82910	2106	2107	84	0	445	367	182	0	0	0	0	0	1	285	1364
82910	83275	2107	2108	84	0	446	368	182	0	0	0	0	0	1	285	1367
83275	83641	2108	2109	84	0	447	369	183	0	0	0	0	0	1	286	1370
83641	84006	2109	2110	85	0	448	370	183	0	0	0	0	0	1	286	1374
84006	84371	2110	2111	85	0	449	370	184	0	0	0	0	0	1	287	1377
84371	84736	2111	2112	85	0	450	371	185	0	0	0	0	0	1	287	1380
84736	85102	2112	2113	85	0	451	372	185	0	0	0	0	0	1	288	1383
85102	85467	2113	2114	86	0	452	373	186	0	0	0	0	0	1	288	1386

				South Murtho												
Model Budget Zone				Z49	Z50	Z51	Z52	Z53	Z54	Z55	Z56	Z57	Z58	Z59	Z105	Total Salt Load
Salinity (mg/L)				19721	19721	19721	19529	15969	22538	22538	22538	22538	22538	15104	30857	
River Kms				575	574	573	572	571	570	569	568	567	566	565		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)												
67571	67936	2065	2066	1.3	0.0	7.3	5.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	7.5	24.2
67936	68301	2066	2067	1.3	0.0	7.3	5.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0	7.6	24.4
68301	68666	2067	2068	1.3	0.0	7.4	6.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	7.6	24.6
68666	69032	2068	2069	1.3	0.0	7.5	6.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	7.7	24.8
69032	69397	2069	2070	1.3	0.0	7.5	6.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	7.7	25.0
69397	69762	2070	2071	1.4	0.0	7.6	6.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	7.7	25.1
69762	70127	2071	2072	1.4	0.0	7.6	6.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	7.8	25.3
70127	70493	2072	2073	1.4	0.0	7.7	6.2	2.4	0.0	0.0	0.0	0.0	0.0	0.0	7.8	25.5
70493	70858	2073	2074	1.4	0.0	7.7	6.2	2.4	0.0	0.0	0.0	0.0	0.0	0.0	7.9	25.6
70858	71223	2074	2075	1.4	0.0	7.8	6.3	2.5	0.0	0.0	0.0	0.0	0.0	0.0	7.9	25.8
71223	71588	2075	2076	1.4	0.0	7.8	6.3	2.5	0.0	0.0	0.0	0.0	0.0	0.0	7.9	26.0
71588	71954	2076	2077	1.4	0.0	7.9	6.3	2.5	0.0	0.0	0.0	0.0	0.0	0.0	8.0	26.1
71954	72319	2077	2078	1.4	0.0	7.9	6.4	2.5	0.0	0.0	0.0	0.0	0.0	0.0	8.0	26.3
72319	72684	2078	2079	1.5	0.0	8.0	6.4	2.5	0.0	0.0	0.0	0.0	0.0	0.0	8.1	26.4
72684	73049	2079	2080	1.5	0.0	8.0	6.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	8.1	26.5
73049	73415	2080	2081	1.5	0.0	8.0	6.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	8.1	26.7
73415	73780	2081	2082	1.5	0.0	8.1	6.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	8.2	26.8
73780	74145	2082	2083	1.5	0.0	8.1	6.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	8.2	27.0
74145	74510	2083	2084	1.5	0.0	8.2	6.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	8.2	27.1
74510	74876	2084	2085	1.5	0.0	8.2	6.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	8.3	27.2
74876	75241	2085	2086	1.5	0.0	8.2	6.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	8.3	27.3
75241	75606	2086	2087	1.5	0.0	8.3	6.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	8.3	27.5
75606	75971	2087	2088	1.5	0.0	8.3	6.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	8.3	27.6
75971	76337	2088	2089	1.5	0.0	8.3	6.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	8.4	27.7
76337	76702	2089	2090	1.6	0.0	8.4	6.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0	8.4	27.8
76702	77067	2090	2091	1.6	0.0	8.4	6.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0	8.4	27.9
77067	77432	2091	2092	1.6	0.0	8.4	6.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0	8.5	28.0
77432	77798	2092	2093	1.6	0.0	8.4	6.9	2.8	0.0	0.0	0.0	0.0	0.0	0.0	8.5	28.1
77798	78163	2093	2094	1.6	0.0	8.5	6.9	2.8	0.0	0.0	0.0	0.0	0.0	0.0	8.5	28.2
78163	78528	2094	2095	1.6	0.0	8.5	6.9	2.8	0.0	0.0	0.0	0.0	0.0	0.0	8.5	28.3
78528	78893	2095	2096	1.6	0.0	8.5	6.9	2.8	0.0	0.0	0.0	0.0	0.0	0.0	8.6	28.4
78893	79259	2096	2097	1.6	0.0	8.6	7.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	8.6	28.5
79259	79624	2097	2098	1.6	0.0	8.6	7.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	8.6	28.6
79624	79989	2098	2099	1.6	0.0	8.6	7.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	8.6	28.7
79989	80354	2099	2100	1.6	0.0	8.6	7.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	8.6	28.8
80354	80719	2100	2101	1.6	0.0	8.7	7.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	8.7	28.8
80719	81084	2101	2102	1.6	0.0	8.7	7.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	8.7	28.9
81084	81449	2102	2103	1.6	0.0	8.7	7.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	8.7	29.0
81449	81814	2103	2104	1.6	0.0	8.7	7.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	8.7	29.1
81814	82180	2104	2105	1.6	0.0	8.7	7.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	8.7	29.2
82180	82545	2105	2106	1.7	0.0	8.8	7.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	8.8	29.2
82545	82910	2106	2107	1.7	0.0	8.8	7.2	2.9	0.0	0.0	0.0	0.0	0.0	0.0	8.8	29.3
82910	83275	2107	2108	1.7	0.0	8.8	7.2	2.9	0.0	0.0	0.0	0.0	0.0	0.0	8.8	29.4
83275	83641	2108	2109	1.7	0.0	8.8	7.2	2.9	0.0	0.0	0.0	0.0	0.0	0.0	8.8	29.4
83641	84006	2109	2110	1.7	0.0	8.8	7.2	2.9	0.0	0.0	0.0	0.0	0.0	0.0	8.8	29.5
84006	84371	2110	2111	1.7	0.0	8.9	7.2	2.9	0.0	0.0	0.0	0.0	0.0	0.0	8.9	29.6
84371	84736	2111	2112	1.7	0.0	8.9	7.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0	8.9	29.6
84736	85102	2112	2113	1.7	0.0	8.9	7.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9	29.7
85102	85467	2113	2114	1.7	0.0	8.9	7.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9	29.8

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7C model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																																
0	1	1880	1880	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
1	1827	1880	1885	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
1827	3653	1885	1890	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
3653	5479	1890	1895	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
5479	7305	1895	1900	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
7305	9131	1900	1905	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
9131	10957	1905	1910	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
10957	12783	1910	1915	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
12783	14609	1915	1920	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
14609	16436	1920	1925	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
16436	18262	1925	1930	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
18262	20088	1930	1935	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
20088	21914	1935	1940	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
21914	23741	1940	1945	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	39	93
23741	25567	1945	1950	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	42	96
25567	27393	1950	1955	0	0	0	1	25	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	44	98
27393	29219	1955	1960	0	0	0	1	26	8	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	45	99
29219	31046	1960	1965	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	0	0	0	0	5	45	122
31046	32872	1965	1970	0	0	0	1	26	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	7	0	0	0	0	6	45	126
32872	34698	1970	1975	0	0	0	1	28	9	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	16	0	0	0	1	58	45	253
34698	36524	1975	1980	0	0	0	1	35	13	32	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	84	22	0	0	0	5	80	46	323
36524	37255	1980	1982	0	0	1	2	84	45	141	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	119	43	5	0	34	10	128	47	671
37255	37985	1982	1984	0	0	1	3	98	51	157	10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	131	50	6	0	36	16	148	48	768
37985	38351	1984	1985	0	0	1	3	102	51	157	11	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	131	53	6	0	36	18	150	49	782
38351	38716	1985	1986	0	0	1	5	191	83	221	14	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	132	54	6	0	36	20	160	51	988
38716	39446	1986	1988	1	0	3	9	269	113	286	22	1	0	0	0	0	0	0	0	0	1	0	0	0	3	13	132	56	6	0	36	29	183	56	1218
39446	39812	1988	1989	1	0	4	10	287	118	296	24	1	0	0	0	0	0	0	0	0	1	0	0	0	4	14	130	57	6	0	36	32	188	60	1269
39812	40177	1989	1990	2	0	5	10	298	121	301	25	2	0	0	0	0	0	0	0	1	2	0	0	0	4	13	126	57	6	0	36	35	189	64	1298
40177	40542	1990	1991	16	0	5	12	323	142	414	34	2	0	0	0	0	0	0	0	1	2	0	0	0	4	14	149	71	7	0	37	37	201	152	1623
40542	40907	1991	1992	21	0	6	12	337	148	428	37	2	0	0	0	0	0	0	0	1	2	0	0	0	5	16	159	79	7	0	39	40	214	173	1727
40907	41273	1992	1993	23	0	7	13	346	151	436	39	3	0	0	0	0	0	0	0	1	2	0	0	0	6	18	165	84	8	0	41	43	224	184	1795
41273	41638	1993	1994	25	0	8	14	353	154	443	41	3	0	0	0	0	0	0	0	1	3	0	0	0	6	19	170	88	8	0	42	46	232	192	1846
41638	42003	1994	1995	26	0	8	14	359	156	447	42	3	0	0	0	0	0	0	0	1	3	0	0	0	6	20	174	91	8	0	43	47	238	193	1882
42003	42368	1995	1996	27	0	9	15	397	167	461	43	4	0	0	0	0	0	0	0	1	3	0	0	0	7	21	177	93	8	0	43	49	244	238	2008
42368	42734	1996	1997	28	0	9	16	404	170	467	43	4	0	0	0	0	0	0	0	1	3	0	0	0	7	21	180	95	9	0	44	50	248	250	2051
42734	43099	1997	1998	29	0	9	16	409	172	471	44	4	0	0	0	0	0	0	0	2	3	0	0	0	7	22	182	97	9	0	44	51	252	257	2082
43099	43464	1998	1999	29	0	10	17	413	173	474	45	4	0	0	0	0	0	0	0	2	3	0	0	0	7	22	182	98	9	0	44	52	253	262	2100
43464	43829	1999	2000	30	0	10	17	416	175	477	45	4	0	0	0	0	0	0	0	2	3	0	0	0	8	22	183	99	9	0	45	53	254	266	2117
43829	44195	2000	2001	30	0	10	18	444	181	482	46	4	0	0	0	0	0	0	1	2	4	0	0	0	8	23	190	123	8	0	31	53	259	259	2175
44195	44560	2001	2002	30	0	11	18	460	186	491	46	5	0	0	0	0	0	0	1	2	4	0	0	0	8	23	194	130	8	0	31	54	262	249	2211
44560	44925	2002	2003	30	0	11	16	354	137	324	37	4	0	0	0	0	0	0	1	2	4	0	0	0	8	23	193	132	8	0	31	54	250	238	1857
44925	45290	2003	2004	29	0	11	14	301	114	268	31	4	0	0	0	0	0	0	1	2	3	0	0	0	8	21	189	133	8	0	31	49	226	226	1667
45290	45656	2004	2005	27	0	10	13	274	102	238	26	3	0	0	0	0	0	0	0	1	3	0	0	0	7	18	183	133	8	0	31	43	203	221	1545
45656	46021	2005	2006	25	0	9	12	257	95	220	23	2	0	0	0	0	0	0	0	1	3	0	0	0	6	15	176	133	8	0	31	38	184	230	1470
46021	46386	2006	2007	24	0	9	12	246	90	208	21	2	0	0	0	0	0	0	0	1	2	0	0	0	5	13	168	132	8	0	31	35	171	229	1407
46386	46751	2007	2008	23	0	9	11	239	86	198	19	2	0	0	0	0	0	0	0	1	2	0	0	0	4	10	161	132	8	0	31	32	158	223	1349
46751	47117	2008	2009	22	0	9	11	232	83	189	18	1	0	0	0	0	0	0	0	1	2	0	0	0	4	8	153	131	8	0	31	30	147	214	1293
47117	47482	2009	2010	21	0	9	11	226	80	180	17	1	0	0	0	0	0	0	0	0	1	0	0	0	3	6	146	130	8	0	31	28	135	201	1234
47482	47847	2010	2011	20	0	9	11	222	77	173	16	1	0	0	0	0	0	0	0	0	1	0	0	0	3	4	139	129	8	0	31	26	126	196	1192
47847	48212	2011	2012	19	0	9	11	223	78	178	15	1	0	0	0	0	0	0	0	0	1	0	0	0	2	3	145	136	9	0	35	25	122	197	1209
48212	48578	2012	2013	19	0	9	10	221	77	175	15	1	0	0	0	0	0	0	0	0	1	0	0	0	2	3	146	139	9	0	35	24	119	196	1201
48578	48943	2013	2014	19	0	8	10	220	76	173	14	1	0	0	0	0	0	0	0	0	1	0	0	0	2	3	146	140	9	0	35	23	116	196	1194

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (S7C model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																																
48943	49308	2014	2015	12	0	1	0	0	1	33	11	1	0	0	0	0	0	0	0	0	1	0	0	0	2	1	103	76	7	0	30	21	93	17	411
49308	49673	2015	2016	4	0	0	0	0	0	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	49	28	5	0	26	16	50	9	205
49673	50039	2016	2017	1	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	11	4	0	25	9	21	4	96
50039	50404	2017	2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9	4	0	24	3	6	2	49
50404	50769	2018	2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	4	0	24	0	0	0	36
50769	51134	2019	2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	4	0	24	0	0	0	35
51134	51500	2020	2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	5	0	31	0	0	0	49
51500	51865	2021	2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	7	0	36	0	0	0	62
51865	52230	2022	2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	8	0	39	0	0	0	71
52230	52595	2023	2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	30	8	0	41	0	0	0	82
52595	52961	2024	2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	44	9	0	43	0	3	0	112
52961	53326	2025	2026	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	59	10	0	45	0	14	0	171
53326	53691	2026	2027	0	0	0	0	0	0	21	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	72	11	0	47	2	29	1	230
53691	54056	2027	2028	0	0	0	0	0	0	28	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	82	11	0	49	5	46	3	289
54056	54422	2028	2029	0	0	0	0	0	0	36	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	92	12	0	51	9	62	4	347
54422	54787	2029	2030	0	0	0	0	0	1	42	7	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	89	100	12	0	52	12	78	5	401
54787	55152	2030	2031	0	0	0	0	0	1	47	9	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	102	108	13	0	53	16	94	6	453
55152	55517	2031	2032	0	0	0	0	0	1	54	11	0	0	0	0	0	0	0	0	0	1	0	0	0	3	3	114	116	14	0	55	19	109	7	506
55517	55883	2032	2033	0	0	0	0	0	2	60	12	0	0	0	0	0	0	0	0	0	1	0	0	0	3	6	126	125	14	0	57	22	123	7	558
55883	56248	2033	2034	0	0	0	0	0	3	65	14	1	0	0	0	0	0	0	0	0	1	0	0	0	4	8	137	132	15	0	58	25	136	8	608
56248	56613	2034	2035	0	0	0	0	0	5	70	15	1	0	0	0	0	0	0	0	0	2	0	0	0	5	10	147	139	15	0	60	27	148	9	655
56613	56978	2035	2036	1	0	0	0	0	6	78	17	1	0	0	0	0	0	0	0	1	2	0	0	0	5	12	157	146	16	0	61	30	160	9	701
56978	57344	2036	2037	1	0	0	0	0	9	85	18	1	0	0	0	0	0	0	0	1	2	0	0	0	6	14	166	152	16	0	62	32	171	10	747
57344	57709	2037	2038	1	0	0	0	1	12	92	19	2	0	0	0	0	0	0	0	1	2	0	0	0	7	16	174	158	17	0	63	35	182	11	791
57709	58074	2038	2039	1	0	0	0	3	15	99	20	2	0	0	0	0	0	0	0	1	3	0	0	0	7	18	182	163	17	0	64	37	192	11	834
58074	58439	2039	2040	1	0	0	0	5	18	105	21	2	0	0	0	0	0	0	0	1	3	0	0	0	8	19	190	168	18	0	65	39	202	12	876
58439	58805	2040	2041	1	0	0	0	7	21	112	22	2	0	0	0	0	0	0	0	1	3	0	0	0	8	21	197	173	18	0	66	41	211	12	916
58805	59170	2041	2042	1	0	0	0	9	24	118	24	2	0	0	0	0	0	0	0	1	3	0	0	0	9	22	204	177	18	0	67	42	220	12	955
59170	59535	2042	2043	1	0	0	0	12	26	124	25	3	0	0	0	0	0	0	0	2	4	0	0	0	9	24	210	181	19	0	68	44	229	13	993
59535	59900	2043	2044	1	0	0	0	15	29	130	26	3	0	0	0	0	0	0	0	2	4	0	0	0	10	25	216	185	19	0	68	46	238	13	1030
59900	60266	2044	2045	1	0	0	0	17	32	136	27	3	0	0	0	0	0	0	0	2	4	0	0	0	10	27	222	188	19	0	69	48	246	14	1065
60266	60631	2045	2046	2	0	0	0	20	34	141	28	3	0	0	0	0	0	0	0	2	4	0	0	0	11	28	229	193	19	0	70	49	254	14	1103
60631	60996	2046	2047	2	0	0	0	23	37	147	29	3	0	0	0	0	0	0	1	2	4	0	0	0	11	29	237	202	20	0	71	51	262	15	1147
60996	61361	2047	2048	2	0	0	0	25	39	152	30	4	0	0	0	0	0	0	1	2	5	0	0	0	12	31	247	211	21	0	73	53	271	15	1193
61361	61727	2048	2049	2	0	0	0	30	42	157	30	4	0	0	0	0	0	0	1	2	5	0	0	1	12	32	257	220	21	0	75	54	280	16	1241
61727	62092	2049	2050	2	0	0	0	35	44	162	31	4	0	0	0	0	0	0	1	2	5	0	0	1	13	34	266	227	22	0	77	56	289	17	1287
62092	62457	2050	2051	2	0	0	0	40	46	167	32	4	0	0	0	0	0	0	1	2	5	0	0	1	13	35	275	234	22	0	78	57	297	17	1331
62457	62822	2051	2052	2	0	0	0	44	49	172	33	5	0	0	0	0	0	0	1	2	5	0	0	1	14	37	283	241	23	0	80	59	305	18	1374
62822	63188	2052	2053	2	0	0	0	49	51	177	34	5	0	0	0	0	0	0	1	3	6	0	0	1	14	38	291	247	23	0	81	60	313	19	1415
63188	63553	2053	2054	2	0	0	0	53	53	182	35	5	0	0	0	0	0	0	1	3	6	0	0	1	15	40	299	253	24	0	82	62	322	20	1456
63553	63918	2054	2055	2	0	0	0	58	55	187	36	5	0	0	0	0	0	0	1	3	6	0	0	1	15	41	306	259	24	0	84	63	330	20	1497
63918	64283	2055	2056	2	0	0	0	62	58	192	37	6	0	0	0	0	0	0	1	3	6	0	0	1	16	42	314	264	25	0	85	65	338	21	1537
64283	64649	2056	2057	2	0	0	0	67	60	196	38	6	0	0	0	0	0	0	2	3	7	0	0	1	16	44	321	269	25	0	86	67	346	22	1577
64649	65014	2057	2058	2	0	0	0	71	62	201	39	6	0	0	0	0	0	0	2	3	7	0	0	1	17	45	328	274	25	0	87	68	354	23	1616
65014	65379	2058	2059	3	0	0	0	76	64	206	40	6	0	0	0	0	0	0	2	3	7	0	0	1	17	46	335	279	26	0	88	70	361	23	1655
65379	65744	2059	2060	3	0	0	0	80	67	211	41	7	0	0	0	0	0	0	2	3	7	0	0	1	18	48	341	284	26	0	89	71	369	24	1692
65744	66110	2060	2061	3	0	0	0	85	69	216	42	7	0	0	0	0	0	0	2	3	7	0	0	1	18	49	348	288	27	0	90	72	376	25	1729
66110	66475	2061	2062	4	0	0	0	90	71	221	43	7	0	0	0	0	0	0	2	4	8	0	0	1	19	50	355	292	27	0	91	74	385	30	1773
66475	66840	2062	2063	4	0	0	0	94	73	226	43	7	0	0	0	0	0	0	2	4	8	0	0	1	19	52	361	296	27	0	92	75	392	30	1808
66840	67205	2063	2064	4	0	0	0	98	76	230	44	8	0	0	0	0	0	0	2	4	8	0	0	1	19	53	367	300	28	0	93	77	398	31	1842
67205	67571	2064	2065	4	0	0	0	103	78	235	45	8	0	0	0	0	0	0	2	4	8	0	0	1	20	54	372	304	28	0	93	78	405	32	1875

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (S7C model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total Flux
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																																
67571	67936	2065	2066	5	0	0	0	108	80	239	46	8	0	0	0	0	0	0	2	4	8	0	0	2	20	55	377	308	28	0	94	79	411	32	1907
67936	68301	2066	2067	5	0	0	0	113	82	244	47	9	0	0	0	0	0	0	2	4	9	0	0	2	20	56	382	311	28	0	95	80	416	33	1938
68301	68666	2067	2068	5	0	0	0	117	84	248	48	9	0	0	0	0	0	0	3	4	9	0	0	2	21	57	387	314	29	0	96	82	422	33	1968
68666	69032	2068	2069	5	0	0	0	122	86	252	48	9	0	0	0	0	0	0	3	4	9	0	0	2	21	57	391	317	29	0	96	83	427	34	1998
69032	69397	2069	2070	5	0	0	0	126	88	256	49	9	1	0	0	0	0	0	3	4	9	0	0	2	21	58	396	320	29	0	97	84	433	35	2026
69397	69762	2070	2071	5	0	0	1	131	90	260	50	10	1	0	0	0	0	0	3	4	9	0	0	2	22	59	400	323	29	0	98	85	438	36	2054
69762	70127	2071	2072	6	0	0	1	135	91	264	50	10	1	0	0	0	0	0	3	5	9	0	0	2	22	60	404	326	30	0	98	86	443	38	2083
70127	70493	2072	2073	6	0	0	1	139	93	268	51	10	1	0	0	0	0	0	3	5	9	0	0	2	22	61	408	329	30	0	99	87	448	40	2111
70493	70858	2073	2074	6	0	0	1	143	95	272	52	10	1	0	0	0	0	0	3	5	10	0	0	2	23	61	412	331	30	0	99	88	452	43	2138
70858	71223	2074	2075	6	0	0	1	147	97	275	52	10	1	0	0	0	0	0	3	5	10	0	0	2	23	62	415	334	30	0	100	89	457	45	2165
71223	71588	2075	2076	6	0	0	1	151	98	279	53	11	1	0	0	0	0	0	3	5	10	0	0	2	23	63	419	337	31	0	101	90	461	47	2190
71588	71954	2076	2077	6	0	0	1	155	100	282	54	11	1	0	0	0	0	0	3	5	10	0	0	2	24	64	422	339	31	0	101	91	465	50	2216
71954	72319	2077	2078	7	0	0	1	158	101	285	54	11	1	0	0	0	0	0	3	5	10	0	0	2	24	64	425	341	31	0	102	92	469	53	2241
72319	72684	2078	2079	7	0	0	1	162	103	289	55	11	1	0	0	0	0	0	3	5	10	0	0	2	24	65	429	343	31	0	102	93	473	56	2265
72684	73049	2079	2080	7	0	0	1	165	104	292	55	11	1	0	0	0	0	0	3	5	10	0	0	2	24	66	432	346	31	0	103	94	477	59	2288
73049	73415	2080	2081	7	0	0	1	168	106	295	56	11	1	0	0	0	0	0	3	5	10	0	0	2	24	66	435	348	31	0	103	94	481	61	2310
73415	73780	2081	2082	7	0	0	1	171	107	297	56	12	1	0	0	0	0	0	4	5	11	0	0	2	25	67	438	350	32	0	103	95	484	64	2332
73780	74145	2082	2083	7	0	0	1	174	108	300	57	12	1	0	0	0	0	0	4	6	11	0	0	2	25	67	440	352	32	0	104	96	488	67	2354
74145	74510	2083	2084	7	0	0	1	177	110	303	57	12	1	0	0	0	0	0	4	6	11	0	0	2	25	68	443	354	32	0	104	97	491	70	2375
74510	74876	2084	2085	7	0	0	2	180	111	305	58	12	1	0	0	0	0	1	4	6	11	0	0	2	25	68	446	355	32	0	105	97	494	73	2395
74876	75241	2085	2086	7	0	0	2	183	112	308	58	12	1	0	0	0	0	1	4	6	11	0	0	2	25	69	448	357	32	0	105	98	497	76	2414
75241	75606	2086	2087	8	0	0	2	185	113	310	59	12	1	0	0	0	0	1	4	6	11	0	0	2	26	69	450	359	32	0	106	99	500	79	2433
75606	75971	2087	2088	8	0	0	2	188	114	312	59	12	1	0	0	0	0	1	4	6	11	0	0	2	26	70	453	361	32	0	106	99	503	83	2452
75971	76337	2088	2089	8	0	0	2	190	115	315	59	13	1	0	0	0	0	1	4	6	11	0	0	3	26	70	455	362	33	0	106	100	506	86	2471
76337	76702	2089	2090	8	0	0	2	193	116	317	60	13	1	0	0	0	0	1	4	6	11	0	0	3	26	71	457	364	33	0	107	100	508	89	2489
76702	77067	2090	2091	8	0	0	2	195	117	319	60	13	1	0	0	0	0	1	4	6	11	0	0	3	26	71	459	365	33	0	107	101	511	93	2506
77067	77432	2091	2092	8	0	0	2	197	118	321	60	13	1	0	0	0	0	1	4	6	11	0	0	3	27	71	461	367	33	0	107	101	513	96	2523
77432	77798	2092	2093	8	0	0	2	199	119	323	61	13	1	0	0	0	0	1	4	6	12	0	0	3	27	72	463	368	33	0	108	102	516	99	2539
77798	78163	2093	2094	8	0	0	2	201	120	325	61	13	1	0	0	0	0	1	4	6	12	0	0	3	27	72	465	370	33	0	108	102	518	102	2555
78163	78528	2094	2095	8	0	0	2	203	121	327	61	13	1	0	0	0	0	1	4	6	12	0	0	3	27	72	467	371	33	0	108	103	520	105	2570
78528	78893	2095	2096	8	0	0	2	205	122	328	62	13	1	0	0	0	0	1	4	6	12	0	0	3	27	73	469	372	33	0	109	103	523	108	2585
78893	79259	2096	2097	9	0	0	2	207	122	330	62	14	1	0	0	0	0	1	4	6	12	0	0	3	27	73	471	374	34	0	109	104	525	111	2599
79259	79624	2097	2098	9	0	0	2	209	123	332	62	14	1	0	0	0	0	1	4	6	12	0	0	3	27	73	473	375	34	0	109	104	527	113	2613
79624	79989	2098	2099	9	0	0	2	211	124	333	63	14	1	0	0	0	0	1	4	6	12	0	0	3	27	74	474	376	34	0	109	105	529	116	2627
79989	80354	2099	2100	9	0	0	2	212	125	335	63	14	1	0	0	0	0	1	4	6	12	0	0	3	28	74	476	377	34	0	110	105	531	118	2640
80354	80719	2100	2101	9	0	0	2	214	125	336	63	14	1	0	0	0	0	1	4	6	12	0	0	3	28	74	477	379	34	0	110	106	532	121	2652
80719	81084	2101	2102	9	0	0	2	216	126	338	63	14	1	0	0	0	0	1	4	6	12	0	0	3	28	75	479	380	34	0	110	106	534	123	2665
81084	81449	2102	2103	9	0	0	2	217	127	339	64	14	1	0	0	0	0	1	5	7	12	0	0	3	28	75	480	381	34	0	110	106	536	125	2677
81449	81814	2103	2104	9	0	0	2	219	127	341	64	14	1	0	0	0	0	1	5	7	12	0	0	3	28	75	482	382	34	0	111	107	538	128	2688
81814	82180	2104	2105	9	0	0	3	220	128	342	64	14	1	0	0	0	0	1	5	7	12	0	0	3	28	75	483	383	34	0	111	107	539	130	2700
82180	82545	2105	2106	9	0	0	3	222	129	343	64	14	1	0	0	0	0	1	5	7	12	0	0	3	28	76	485	384	34	0	111	107	541	132	2711
82545	82910	2106	2107	9	0	0	3	223	129	344	65	15	1	0	0	0	0	1	5	7	12	0	0	3	28	76	486	385	34	0	111	108	542	134	2721
82910	83275	2107	2108	10	0	0	3	224	130	346	65	15	1	0	0	0	0	1	5	7	12	0	0	3	28	76	487	386	35	0	111	108	544	136	2732
83275	83641	2108	2109	10	0	0	3	226	130	347	65	15	1	0	0	0	0	1	5	7	12	0	0	3	29	76	488	387	35	0	112	108	545	138	2742
83641	84006	2109	2110	10	0	0	3	227	131	348	65	15	1	0	0	0	0	1	5	7	13	0	0	3	29	77	490	388	35	0	112	109	547	140	2752
84006	84371	2110	2111	10	0	0	3	228	131	349	65	15	1	0	0	0	0	1	5	7	13	0	0	3	29	77	491	388	35	0	112	109	548	142	2761
84371	84736	2111	2112	10	0	0	3	229	132	350	66	15	1	0	0	0	0	1	5	7	13	0	0	3	29	77	492	389	35	0	112	109	550	144	2771
84736	85102	2112	2113	10	0	0	3	230	132	351	66	15	1	0	0	0	0	1	5	7	13	0	0	3	29	77	493	390	35	0	112	110	551	145	2780
85102	85467	2113	2114	10	0	0	3	231	133	352	66	15	1	0	0	0	0	1	5	7	13	0	0	3	29	78	494	391	35	0	113	110	552	147	2788

B-3. Modelled groundwater flux (m³/d) entering the River Murray from each flow budget zone in Murtho area (S7C model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																																
0	1	1880	1880	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
1	1827	1880	1885	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
1827	3653	1885	1890	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
3653	5479	1890	1895	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
5479	7305	1895	1900	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
7305	9131	1900	1905	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
9131	10957	1905	1910	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
10957	12783	1910	1915	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
12783	14609	1915	1920	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
14609	16436	1920	1925	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
16436	18262	1925	1930	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
18262	20088	1930	1935	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
20088	21914	1935	1940	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
21914	23741	1940	1945	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.5
23741	25567	1945	1950	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
25567	27393	1950	1955	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
27393	29219	1955	1960	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.5
29219	31046	1960	1965	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.2	0.4	2.3
31046	32872	1965	1970	0.0	0.0	0.0	0.0	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.2	0.4	2.4
32872	34698	1970	1975	0.0	0.0	0.0	0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.3	0.0	0.0	0.0	0.0	1.7	0.4	6.5
34698	36524	1975	1980	0.0	0.0	0.0	0.0	0.7	0.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.3	0.5	0.0	0.0	0.0	0.0	2.3	0.4	8.4
36524	37255	1980	1982	0.0	0.0	0.0	0.0	1.6	0.7	3.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	4.6	0.9	0.1	0.0	0.7	0.1	3.7	0.4	16.8
37255	37985	1982	1984	0.0	0.0	0.0	0.1	1.9	0.9	3.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.1	0.1	0.0	0.7	0.1	4.3	0.4	19.2
37985	38351	1984	1985	0.0	0.0	0.0	0.1	2.0	0.9	3.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.1	0.1	0.0	0.7	0.2	4.4	0.4	19.5
38351	38716	1985	1986	0.0	0.0	0.0	0.1	3.8	1.4	5.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	5.1	1.2	0.1	0.0	0.7	0.2	4.7	0.4	23.8
38716	39446	1986	1988	0.0	0.0	0.0	0.2	5.3	1.9	7.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	5.1	1.2	0.1	0.0	0.7	0.2	5.4	0.5	28.6
39446	39812	1988	1989	0.0	0.0	0.0	0.2	5.7	2.0	7.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	5.1	1.2	0.1	0.0	0.7	0.3	5.5	0.5	29.6
39812	40177	1989	1990	0.0	0.0	0.0	0.2	5.9	2.0	7.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.5	4.9	1.2	0.1	0.0	0.7	0.3	5.5	0.6	30.0
40177	40542	1990	1991	0.1	0.0	0.0	0.2	6.4	2.4	10.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.6	5.8	1.5	0.1	0.0	0.7	0.3	5.9	1.3	36.3
40542	40907	1991	1992	0.2	0.0	0.1	0.2	6.6	2.5	10.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.6	6.2	1.7	0.1	0.0	0.8	0.3	6.3	1.5	38.4
40907	41273	1992	1993	0.2	0.0	0.1	0.3	6.8	2.5	10.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.7	6.4	1.8	0.1	0.0	0.8	0.4	6.6	1.6	39.9
41273	41638	1993	1994	0.2	0.0	0.1	0.3	7.0	2.6	10.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.7	6.6	1.9	0.2	0.0	0.8	0.4	6.8	1.7	41.0
41638	42003	1994	1995	0.2	0.0	0.1	0.3	7.1	2.6	11.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	6.8	2.0	0.2	0.0	0.8	0.4	7.0	1.7	41.8
42003	42368	1995	1996	0.2	0.0	0.1	0.3	7.8	2.8	11.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	6.9	2.0	0.2	0.0	0.8	0.4	7.1	2.1	43.9
42368	42734	1996	1997	0.2	0.0	0.1	0.3	8.0	2.9	11.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	7.0	2.1	0.2	0.0	0.9	0.4	7.3	2.2	44.8
42734	43099	1997	1998	0.3	0.0	0.1	0.3	8.1	2.9	11.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.1	2.1	0.2	0.0	0.9	0.4	7.4	2.2	45.4
43099	43464	1998	1999	0.3	0.0	0.1	0.3	8.1	2.9	11.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.1	2.1	0.2	0.0	0.9	0.4	7.4	2.3	45.7
43464	43829	1999	2000	0.3	0.0	0.1	0.3	8.2	2.9	11.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.1	2.1	0.2	0.0	0.9	0.4	7.4	2.3	46.0
43829	44195	2000	2001	0.3	0.0	0.1	0.3	8.8	3.0	11.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.4	2.6	0.2	0.0	0.6	0.4	7.6	2.3	47.5
44195	44560	2001	2002	0.3	0.0	0.1	0.4	9.1	3.1	12.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.6	2.8	0.2	0.0	0.6	0.5	7.7	2.2	48.4
44560	44925	2002	2003	0.3	0.0	0.1	0.3	7.0	2.3	7.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.5	2.9	0.2	0.0	0.6	0.4	7.3	2.1	40.9
44925	45290	2003	2004	0.3	0.0	0.1	0.3	5.9	1.9	6.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	7.4	2.9	0.2	0.0	0.6	0.4	6.6	2.0	36.8
45290	45656	2004	2005	0.2	0.0	0.1	0.3	5.4	1.7	5.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.7	7.1	2.9	0.2	0.0	0.6	0.4	5.9	1.9	34.0
45656	46021	2005	2006	0.2	0.0	0.1	0.2	5.1	1.6	5.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.6	6.8	2.9	0.2	0.0	0.6	0.3	5.4	2.0	32.1
46021	46386	2006	2007	0.2	0.0	0.1	0.2	4.9	1.5	5.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.5	6.6	2.9	0.2	0.0	0.6	0.3	5.0	2.0	30.5
46386	46751	2007	2008	0.2	0.0	0.1	0.2	4.7	1.4	4.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.4	6.3	2.8	0.2	0.0	0.6	0.3	4.6	1.9	29.2
46751	47117	2008	2009	0.2	0.0	0.1	0.2	4.6	1.4	4.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.3	6.0	2.8	0.2	0.0	0.6	0.3	4.3	1.9	27.8
47117	47482	2009	2010	0.2	0.0	0.1	0.2	4.4	1.3	4.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.2	5.7	2.8	0.2	0.0	0.6	0.2	4.0	1.7	26.5
47482	47847	2010	2011	0.2	0.0	0.1	0.2	4.4	1.3	4.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	5.4	2.8	0.2	0.0	0.6	0.2	3.7	1.7	25.5
47847	48212	2011	2012	0.2	0.0	0.1	0.2	4.4	1.3	4.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.6	2.9	0.2	0.0	0.7	0.2	3.6	1.7	25.9
48212	48578	2012	2013	0.2	0.0	0.1	0.2	4.4	1.3	4.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.7	3.0	0.2	0.0	0.7	0.2	3.5	1.7	25.8
48578	48943	2013	2014	0.2	0.0	0.1	0.2	4.3	1.3	4.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	5.7	3.0	0.2	0.0	0.7	0.2	3.4	1.7	25.6

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7C model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																																
48943	49308	2014	2015	0.1	0.0	0.0	0.0	0.0	0.0	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	4.0	1.6	0.1	0.0	0.6	0.2	2.7	0.2	10.7
49308	49673	2015	2016	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.6	0.1	0.0	0.5	0.1	1.5	0.1	5.2
49673	50039	2016	2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.2	0.1	0.0	0.5	0.1	0.6	0.0	2.3
50039	50404	2017	2018	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.5	0.0	0.2	0.0	1.0
50404	50769	2018	2019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.5	0.0	0.0	0.0	0.7
50769	51134	2019	2020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.5	0.0	0.0	0.0	0.7
51134	51500	2020	2021	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.6	0.0	0.0	0.0	1.0
51500	51865	2021	2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.7	0.0	0.0	0.0	1.3
51865	52230	2022	2023	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.8	0.0	0.0	0.0	1.4
52230	52595	2023	2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.2	0.0	0.8	0.0	0.0	0.0	1.7
52595	52961	2024	2025	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.9	0.2	0.0	0.8	0.0	0.1	0.0	2.6
52961	53326	2025	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.3	0.2	0.0	0.9	0.0	0.4	0.0	4.2
53326	53691	2026	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.5	0.2	0.0	0.9	0.0	0.9	0.0	5.9
53691	54056	2027	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	1.8	0.2	0.0	1.0	0.0	1.3	0.0	7.5
54056	54422	2028	2029	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	2.0	0.2	0.0	1.0	0.1	1.8	0.0	9.1
54422	54787	2029	2030	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	2.2	0.2	0.0	1.0	0.1	2.3	0.0	10.5
54787	55152	2030	2031	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	4.0	2.3	0.3	0.0	1.0	0.1	2.8	0.1	12.0
55152	55517	2031	2032	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	4.4	2.5	0.3	0.0	1.1	0.2	3.2	0.1	13.4
55517	55883	2032	2033	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	4.9	2.7	0.3	0.0	1.1	0.2	3.6	0.1	14.9
55883	56248	2033	2034	0.0	0.0	0.0	0.0	0.0	0.1	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.3	5.3	2.9	0.3	0.0	1.1	0.2	4.0	0.1	16.3
56248	56613	2034	2035	0.0	0.0	0.0	0.0	0.0	0.1	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.4	5.7	3.0	0.3	0.0	1.2	0.2	4.3	0.1	17.5
56613	56978	2035	2036	0.0	0.0	0.0	0.0	0.0	0.1	1.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.5	6.1	3.2	0.3	0.0	1.2	0.3	4.7	0.1	18.8
56978	57344	2036	2037	0.0	0.0	0.0	0.0	0.0	0.1	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.6	6.5	3.3	0.3	0.0	1.2	0.3	5.0	0.1	20.1
57344	57709	2037	2038	0.0	0.0	0.0	0.0	0.0	0.2	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.6	6.8	3.4	0.3	0.0	1.2	0.3	5.3	0.1	21.2
57709	58074	2038	2039	0.0	0.0	0.0	0.0	0.1	0.2	2.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.7	7.1	3.5	0.3	0.0	1.3	0.3	5.6	0.1	22.4
58074	58439	2039	2040	0.0	0.0	0.0	0.0	0.1	0.3	2.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.8	7.4	3.6	0.3	0.0	1.3	0.3	5.9	0.1	23.5
58439	58805	2040	2041	0.0	0.0	0.0	0.0	0.1	0.3	2.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.8	7.7	3.7	0.4	0.0	1.3	0.3	6.2	0.1	24.5
58805	59170	2041	2042	0.0	0.0	0.0	0.0	0.2	0.4	2.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.9	7.9	3.8	0.4	0.0	1.3	0.4	6.5	0.1	25.6
59170	59535	2042	2043	0.0	0.0	0.0	0.0	0.2	0.4	3.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.4	0.9	8.2	3.9	0.4	0.0	1.3	0.4	6.7	0.1	26.6
59535	59900	2043	2044	0.0	0.0	0.0	0.0	0.3	0.5	3.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.0	8.4	4.0	0.4	0.0	1.3	0.4	7.0	0.1	27.5
59900	60266	2044	2045	0.0	0.0	0.0	0.0	0.3	0.5	3.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.0	8.7	4.1	0.4	0.0	1.4	0.4	7.2	0.1	28.5
60266	60631	2045	2046	0.0	0.0	0.0	0.0	0.4	0.6	3.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.1	8.9	4.2	0.4	0.0	1.4	0.4	7.4	0.1	29.4
60631	60996	2046	2047	0.0	0.0	0.0	0.0	0.5	0.6	3.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.4	1.1	9.3	4.4	0.4	0.0	1.4	0.4	7.7	0.1	30.6
60996	61361	2047	2048	0.0	0.0	0.0	0.0	0.5	0.7	3.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.5	1.2	9.6	4.6	0.4	0.0	1.4	0.4	7.9	0.1	31.8
61361	61727	2048	2049	0.0	0.0	0.0	0.0	0.6	0.7	3.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.0	4.7	0.4	0.0	1.5	0.5	8.2	0.1	33.1
61727	62092	2049	2050	0.0	0.0	0.0	0.0	0.7	0.7	4.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.5	1.3	10.4	4.9	0.4	0.0	1.5	0.5	8.5	0.1	34.3
62092	62457	2050	2051	0.0	0.0	0.0	0.0	0.8	0.8	4.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.5	1.4	10.7	5.1	0.4	0.0	1.5	0.5	8.7	0.2	35.5
62457	62822	2051	2052	0.0	0.0	0.0	0.0	0.9	0.8	4.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.5	1.4	11.0	5.2	0.4	0.0	1.6	0.5	8.9	0.2	36.6
62822	63188	2052	2053	0.0	0.0	0.0	0.0	1.0	0.9	4.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.6	1.5	11.3	5.3	0.5	0.0	1.6	0.5	9.2	0.2	37.7
63188	63553	2053	2054	0.0	0.0	0.0	0.0	1.0	0.9	4.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.6	1.5	11.6	5.5	0.5	0.0	1.6	0.5	9.4	0.2	38.7
63553	63918	2054	2055	0.0	0.0	0.0	0.0	1.1	0.9	4.6	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.6	1.6	11.9	5.6	0.5	0.0	1.6	0.5	9.7	0.2	39.8
63918	64283	2055	2056	0.0	0.0	0.0	0.0	1.2	1.0	4.7	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.6	1.7	12.2	5.7	0.5	0.0	1.7	0.5	9.9	0.2	40.9
64283	64649	2056	2057	0.0	0.0	0.0	0.0	1.3	1.0	4.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.6	1.7	12.5	5.8	0.5	0.0	1.7	0.6	10.1	0.2	41.9
64649	65014	2057	2058	0.0	0.0	0.0	0.0	1.4	1.0	4.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.7	1.8	12.8	5.9	0.5	0.0	1.7	0.6	10.4	0.2	42.9
65014	65379	2058	2059	0.0	0.0	0.0	0.0	1.5	1.1	5.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.7	1.8	13.1	6.0	0.5	0.0	1.7	0.6	10.6	0.2	43.9
65379	65744	2059	2060	0.0	0.0	0.0	0.0	1.6	1.1	5.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.7	1.9	13.3	6.1	0.5	0.0	1.7	0.6	10.8	0.2	44.9
65744	66110	2060	2061	0.0	0.0	0.0	0.0	1.7	1.2	5.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.1	0.7	1.9	13.6	6.2	0.5	0.0	1.8	0.6	11.0	0.2	45.8
66110	66475	2061	2062	0.0	0.0	0.0	0.0	1.8	1.2	5.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.1	0.7	2.0	13.9	6.3	0.5	0.0	1.8	0.6	11.3	0.3	46.9
66475	66840	2062	2063	0.0	0.0	0.0	0.0	1.9	1.2	5.5	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.1	0.7	2.0	14.1	6.4	0.5	0.0	1.8	0.6	11.5	0.3	47.8
66840	67205	2063	2064	0.0	0.0	0.0	0.0	1.9	1.3	5.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.1	0.8	2.1	14.3	6.5	0.5	0.0	1.8	0.6	11.7	0.3	48.7
67205	67571	2064	2065	0.0	0.0	0.0	0.0	2.0	1.3	5.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.8	2.1	14.5	6.6	0.5	0.0	1.8	0.7	11.9	0.3	49.5

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7C model)

				Central Murtho																																
Model Budget Zone				Z21	Z22	Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42	Z43	Z44	Z45	Z46	Z47	Z48	Z95	Z96	Z106	Total
Salinity (mg/L)				8708	8708	8708	19721	19721	16756	24485	12500	12500	12500	42420	42420	42420	42420	42420	39760	39760	39760	39760	39760	39760	38990	38990	38990	21600	19598	19598	19598	8396	29295	8708	Salt
River Kms				603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576				Load
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																																
67571	67936	2065	2066	0.0	0.0	0.0	0.0	2.1	1.3	5.9	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.8	2.1	14.7	6.6	0.6	0.0	1.8	0.7	12.0	0.3	50.4
67936	68301	2066	2067	0.0	0.0	0.0	0.0	2.2	1.4	6.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.8	2.2	14.9	6.7	0.6	0.0	1.9	0.7	12.2	0.3	51.1
68301	68666	2067	2068	0.0	0.0	0.0	0.0	2.3	1.4	6.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.8	2.2	15.1	6.8	0.6	0.0	1.9	0.7	12.4	0.3	51.9
68666	69032	2068	2069	0.0	0.0	0.0	0.0	2.4	1.4	6.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.2	15.3	6.9	0.6	0.0	1.9	0.7	12.5	0.3	52.6
69032	69397	2069	2070	0.0	0.0	0.0	0.0	2.5	1.5	6.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.8	2.3	15.4	6.9	0.6	0.0	1.9	0.7	12.7	0.3	53.4
69397	69762	2070	2071	0.0	0.0	0.0	0.0	2.6	1.5	6.4	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.3	15.6	7.0	0.6	0.0	1.9	0.7	12.8	0.3	54.1
69762	70127	2071	2072	0.0	0.0	0.0	0.0	2.7	1.5	6.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.3	15.7	7.0	0.6	0.0	1.9	0.7	13.0	0.3	54.8
70127	70493	2072	2073	0.1	0.0	0.0	0.0	2.7	1.6	6.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.4	15.9	7.1	0.6	0.0	1.9	0.7	13.1	0.3	55.4
70493	70858	2073	2074	0.1	0.0	0.0	0.0	2.8	1.6	6.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.4	16.0	7.2	0.6	0.0	1.9	0.7	13.3	0.4	56.1
70858	71223	2074	2075	0.1	0.0	0.0	0.0	2.9	1.6	6.7	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.4	16.2	7.2	0.6	0.0	2.0	0.7	13.4	0.4	56.7
71223	71588	2075	2076	0.1	0.0	0.0	0.0	3.0	1.6	6.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.5	16.3	7.3	0.6	0.0	2.0	0.8	13.5	0.4	57.3
71588	71954	2076	2077	0.1	0.0	0.0	0.0	3.0	1.7	6.9	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.5	16.5	7.3	0.6	0.0	2.0	0.8	13.6	0.4	57.9
71954	72319	2077	2078	0.1	0.0	0.0	0.0	3.1	1.7	7.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.5	16.6	7.4	0.6	0.0	2.0	0.8	13.8	0.5	58.5
72319	72684	2078	2079	0.1	0.0	0.0	0.0	3.2	1.7	7.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.5	16.7	7.4	0.6	0.0	2.0	0.8	13.9	0.5	59.1
72684	73049	2079	2080	0.1	0.0	0.0	0.0	3.3	1.7	7.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.9	2.6	16.8	7.5	0.6	0.0	2.0	0.8	14.0	0.5	59.6
73049	73415	2080	2081	0.1	0.0	0.0	0.0	3.3	1.8	7.2	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	1.0	2.6	16.9	7.5	0.6	0.0	2.0	0.8	14.1	0.5	60.1
73415	73780	2081	2082	0.1	0.0	0.0	0.0	3.4	1.8	7.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	1.0	2.6	17.1	7.6	0.6	0.0	2.0	0.8	14.2	0.6	60.7
73780	74145	2082	2083	0.1	0.0	0.0	0.0	3.4	1.8	7.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	1.0	2.6	17.2	7.6	0.6	0.0	2.0	0.8	14.3	0.6	61.1
74145	74510	2083	2084	0.1	0.0	0.0	0.0	3.5	1.8	7.4	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	1.0	2.6	17.3	7.6	0.6	0.0	2.0	0.8	14.4	0.6	61.6
74510	74876	2084	2085	0.1	0.0	0.0	0.0	3.6	1.9	7.5	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1	1.0	2.7	17.4	7.7	0.6	0.0	2.1	0.8	14.5	0.6	62.1
74876	75241	2085	2086	0.1	0.0	0.0	0.0	3.6	1.9	7.5	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.1	1.0	2.7	17.5	7.7	0.6	0.0	2.1	0.8	14.6	0.7	62.5
75241	75606	2086	2087	0.1	0.0	0.0	0.0	3.7	1.9	7.6	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.1	1.0	2.7	17.6	7.8	0.6	0.0	2.1	0.8	14.7	0.7	63.0
75606	75971	2087	2088	0.1	0.0	0.0	0.0	3.7	1.9	7.7	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.1	1.0	2.7	17.7	7.8	0.6	0.0	2.1	0.8	14.7	0.7	63.4
75971	76337	2088	2089	0.1	0.0	0.0	0.0	3.8	1.9	7.7	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.1	1.0	2.7	17.7	7.8	0.6	0.0	2.1	0.8	14.8	0.7	63.8
76337	76702	2089	2090	0.1	0.0	0.0	0.0	3.8	1.9	7.8	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.1	1.0	2.8	17.8	7.9	0.6	0.0	2.1	0.8	14.9	0.8	64.2
76702	77067	2090	2091	0.1	0.0	0.0	0.0	3.8	2.0	7.8	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5	0.0	0.0	0.1	1.0	2.8	17.9	7.9	0.6	0.0	2.1	0.8	15.0	0.8	64.6
77067	77432	2091	2092	0.1	0.0	0.0	0.0	3.9	2.0	7.9	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5	0.0	0.0	0.1	1.0	2.8	18.0	7.9	0.6	0.0	2.1	0.9	15.0	0.8	65.0
77432	77798	2092	2093	0.1	0.0	0.0	0.0	3.9	2.0	7.9	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5	0.0	0.0	0.1	1.0	2.8	18.1	8.0	0.6	0.0	2.1	0.9	15.1	0.9	65.3
77798	78163	2093	2094	0.1	0.0	0.0	0.0	4.0	2.0	8.0	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5	0.0	0.0	0.1	1.0	2.8	18.1	8.0	0.7	0.0	2.1	0.9	15.2	0.9	65.7
78163	78528	2094	2095	0.1	0.0	0.0	0.0	4.0	2.0	8.0	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5	0.0	0.0	0.1	1.1	2.8	18.2	8.0	0.7	0.0	2.1	0.9	15.2	0.9	66.0
78528	78893	2095	2096	0.1	0.0	0.0	0.0	4.0	2.0	8.0	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5	0.0	0.0	0.1	1.1	2.8	18.3	8.0	0.7	0.0	2.1	0.9	15.3	0.9	66.3
78893	79259	2096	2097	0.1	0.0	0.0	0.0	4.1	2.1	8.1	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5	0.0	0.0	0.1	1.1	2.9	18.4	8.1	0.7	0.0	2.1	0.9	15.4	1.0	66.7
79259	79624	2097	2098	0.1	0.0	0.0	0.0	4.1	2.1	8.1	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	18.4	8.1	0.7	0.0	2.1	0.9	15.4	1.0	67.0
79624	79989	2098	2099	0.1	0.0	0.0	0.0	4.2	2.1	8.2	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	18.5	8.1	0.7	0.0	2.1	0.9	15.5	1.0	67.3
79989	80354	2099	2100	0.1	0.0	0.0	0.0	4.2	2.1	8.2	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	18.6	8.2	0.7	0.0	2.1	0.9	15.5	1.0	67.6
80354	80719	2100	2101	0.1	0.0	0.0	0.0	4.2	2.1	8.2	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	18.6	8.2	0.7	0.0	2.2	0.9	15.6	1.1	67.8
80719	81084	2101	2102	0.1	0.0	0.0	0.0	4.3	2.1	8.3	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	18.7	8.2	0.7	0.0	2.2	0.9	15.7	1.1	68.1
81084	81449	2102	2103	0.1	0.0	0.0	0.0	4.3	2.1	8.3	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	18.7	8.2	0.7	0.0	2.2	0.9	15.7	1.1	68.4
81449	81814	2103	2104	0.1	0.0	0.0	0.0	4.3	2.1	8.3	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	18.8	8.2	0.7	0.0	2.2	0.9	15.8	1.1	68.6
81814	82180	2104	2105	0.1	0.0	0.0	0.0	4.3	2.1	8.4	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	2.9	18.8	8.3	0.7	0.0	2.2	0.9	15.8	1.1	68.9
82180	82545	2105	2106	0.1	0.0	0.0	0.1	4.4	2.2	8.4	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	3.0	18.9	8.3	0.7	0.0	2.2	0.9	15.8	1.1	69.1
82545	82910	2106	2107	0.1	0.0	0.0	0.1	4.4	2.2	8.4	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	3.0	18.9	8.3	0.7	0.0	2.2	0.9	15.9	1.2	69.4
82910	83275	2107	2108	0.1	0.0	0.0	0.1	4.4	2.2	8.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	3.0	19.0	8.3	0.7	0.0	2.2	0.9	15.9	1.2	69.6
83275	83641	2108	2109	0.1	0.0	0.0	0.1	4.4	2.2	8.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	3.0	19.0	8.4	0.7	0.0	2.2	0.9	16.0	1.2	69.8
83641	84006	2109	2110	0.1	0.0	0.0	0.1	4.5	2.2	8.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	3.0	19.1	8.4	0.7	0.0	2.2	0.9	16.0	1.2	70.0
84006	84371	2110	2111	0.1	0.0	0.0	0.1	4.5	2.2	8.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	3.0	19.1	8.4	0.7	0.0	2.2	0.9	16.1	1.2	70.2
84371	84736	2111	2112	0.1	0.0	0.0	0.1	4.5	2.2	8.6	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	3.0	19.2	8.4	0.7	0.0	2.2	0.9	16.1	1.3	70.5
84736	85102	2112	2113	0.1	0.0	0.0	0.1	4.5	2.2	8.6	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	3.0	19.2	8.4	0.7	0.0	2.2	0.9	16.1	1.3	70.7
85102	85467	2113	2114	0.1	0.0	0.0	0.1	4.6	2.2	8.6	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.0	0.0	0.1	1.1	3.0	19.3	8.4	0.7	0.0	2.2	0.9	16.2	1.3	70.8

B-3. Modelled salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7C model)

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
0	1	1880	1880	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6381
1	1827	1880	1885	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6381
1827	3653	1885	1890	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6381
3653	5479	1890	1895	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
5479	7305	1895	1900	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
7305	9131	1900	1905	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
9131	10957	1905	1910	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
10957	12783	1910	1915	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
12783	14609	1915	1920	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
14609	16436	1920	1925	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
16436	18262	1925	1930	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
18262	20088	1930	1935	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
20088	21914	1935	1940	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
21914	23741	1940	1945	2722	1318	1230	520	102	56	48	77	83	60	41	14	2	62	10	0	0	36	6380
23741	25567	1945	1950	2722	1318	1230	588	149	62	133	89	96	85	66	17	4	95	13	0	0	72	6738
25567	27393	1950	1955	2722	1318	1230	590	153	62	135	89	96	86	67	17	4	98	13	0	0	74	6756
27393	29219	1955	1960	2722	1318	1230	591	154	62	136	89	96	86	67	17	4	99	14	0	0	75	6761
29219	31046	1960	1965	2722	1318	1230	588	152	62	132	89	96	85	66	17	4	98	14	0	0	74	6747
31046	32872	1965	1970	2722	1318	1230	588	152	62	132	89	96	85	66	17	4	98	14	0	0	74	6748
32872	34698	1970	1975	2722	1318	1230	588	153	62	133	89	96	85	66	17	4	99	14	0	0	74	6749
34698	36524	1975	1980	2722	1318	1230	586	151	62	129	88	95	84	65	17	4	98	14	0	0	73	6734
36524	37255	1980	1982	2722	1318	1230	586	151	62	129	89	95	84	65	17	4	98	14	0	0	73	6735
37255	37985	1982	1984	2722	1318	1230	586	151	62	129	89	95	84	66	17	4	98	14	0	0	73	6736
37985	38351	1984	1985	2722	1318	1230	584	150	62	128	88	95	84	65	17	4	98	14	0	0	73	6732
38351	38716	1985	1986	2722	1318	1230	584	150	62	127	88	95	84	65	17	4	98	14	0	0	73	6731
38716	39446	1986	1988	2722	1318	1230	584	150	62	127	88	95	84	65	17	4	99	15	0	0	73	6734
39446	39812	1988	1989	2722	1318	1230	584	150	62	127	88	95	84	66	17	4	100	15	0	0	73	6736
39812	40177	1989	1990	2722	1318	1230	584	150	62	128	88	95	84	66	17	4	101	15	0	0	74	6739
40177	40542	1990	1991	2722	1318	1230	585	157	63	144	91	98	91	75	18	5	126	27	0	0	96	6847
40542	40907	1991	1992	2722	1318	1230	588	166	64	158	93	101	98	82	19	6	143	30	0	0	108	6927
40907	41273	1992	1993	2722	1318	1230	590	171	64	165	94	102	100	86	19	6	151	32	0	0	114	6967
41273	41638	1993	1994	2722	1319	1230	591	175	65	168	95	103	102	87	20	7	156	34	0	0	118	6990
41638	42003	1994	1995	2722	1319	1230	592	176	65	168	95	103	102	87	20	7	157	34	0	0	117	6992
42003	42368	1995	1996	2722	1319	1230	592	176	65	168	95	103	102	89	20	7	172	42	0	0	127	7029
42368	42734	1996	1997	2722	1319	1230	593	177	65	171	96	104	104	92	20	8	185	47	0	0	134	7066
42734	43099	1997	1998	2722	1319	1230	593	179	65	174	96	105	106	94	21	8	192	49	0	0	139	7091
43099	43464	1998	1999	2722	1319	1230	594	180	65	176	97	105	107	95	21	8	197	51	0	0	142	7108
43464	43829	1999	2000	2722	1319	1230	594	180	66	177	97	105	107	96	21	8	201	52	0	0	144	7120
43829	44195	2000	2001	2722	1319	1230	593	180	65	174	96	105	106	95	21	8	198	50	0	0	141	7104
44195	44560	2001	2002	2722	1319	1230	590	178	65	167	95	104	104	92	21	8	192	48	0	0	136	7070
44560	44925	2002	2003	2722	1319	1230	588	175	65	160	94	102	101	88	20	7	184	45	0	0	129	7029
44925	45290	2003	2004	2722	1319	1230	585	172	64	151	93	101	97	85	20	7	175	42	0	0	121	6984
45290	45656	2004	2005	2722	1319	1230	581	168	63	143	92	100	95	81	20	7	169	41	0	0	116	6946
45656	46021	2005	2006	2722	1319	1230	579	165	63	139	91	99	93	81	20	7	182	47	0	0	122	6960
46021	46386	2006	2007	2722	1319	1230	576	162	63	135	91	98	92	80	20	7	182	47	0	0	121	6945
46386	46751	2007	2008	2722	1319	1230	573	159	62	129	90	98	90	78	19	7	178	46	0	0	117	6918
46751	47117	2008	2009	2722	1319	1230	570	156	62	123	89	97	88	75	19	6	172	44	0	0	112	6885
47117	47482	2009	2010	2722	1319	1230	567	153	61	117	88	96	86	72	19	6	163	41	0	0	106	6845
47482	47847	2010	2011	2722	1319	1230	564	149	61	111	87	95	84	70	18	6	157	39	0	0	102	6814
47847	48212	2011	2012	2722	1319	1230	560	146	61	107	87	94	82	69	18	6	158	40	0	0	101	6800
48212	48578	2012	2013	2722	1319	1230	557	144	60	103	86	93	81	68	18	6	157	40	0	0	100	6786
48578	48943	2013	2014	2722	1319	1230	554	142	60	99	86	93	80	67	18	5	156	40	0	0	99	6771

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
0	1	1880	1880	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
1	1827	1880	1885	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
1827	3653	1885	1890	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
3653	5479	1890	1895	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
5479	7305	1895	1900	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
7305	9131	1900	1905	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
9131	10957	1905	1910	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
10957	12783	1910	1915	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
12783	14609	1915	1920	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
14609	16436	1920	1925	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
16436	18262	1925	1930	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
18262	20088	1930	1935	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
20088	21914	1935	1940	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
21914	23741	1940	1945	3.7	1.8	1.7	0.7	0.4	1.2	1.1	1.7	1.8	1.3	0.9	0.3	0.0	1.3	0.2	0.0	0.0	1.0	19.0
23741	25567	1945	1950	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.0	1.8	1.4	0.4	0.1	2.0	0.3	0.0	0.0	2.0	24.8
25567	27393	1950	1955	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	25.0
27393	29219	1955	1960	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	25.1
29219	31046	1960	1965	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
31046	32872	1965	1970	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
32872	34698	1970	1975	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.9
34698	36524	1975	1980	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
36524	37255	1980	1982	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
37255	37985	1982	1984	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
37985	38351	1984	1985	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
38351	38716	1985	1986	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
38716	39446	1986	1988	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.0	24.7
39446	39812	1988	1989	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.1	0.3	0.0	0.0	2.1	24.8
39812	40177	1989	1990	3.7	1.8	1.7	0.8	0.6	1.4	2.8	1.9	2.0	1.8	1.4	0.4	0.1	2.2	0.3	0.0	0.0	2.1	24.8
40177	40542	1990	1991	3.7	1.8	1.7	0.8	0.6	1.4	3.2	1.9	2.1	2.0	1.6	0.4	0.1	2.7	0.6	0.0	0.0	2.7	27.2
40542	40907	1991	1992	3.7	1.8	1.7	0.8	0.6	1.4	3.5	2.0	2.2	2.1	1.8	0.4	0.1	3.0	0.6	0.0	0.0	3.0	28.7
40907	41273	1992	1993	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.1	1.8	0.4	0.1	3.2	0.7	0.0	0.0	3.2	29.5
41273	41638	1993	1994	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.1	3.3	0.7	0.0	0.0	3.3	29.9
41638	42003	1994	1995	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.1	3.4	0.7	0.0	0.0	3.3	30.0
42003	42368	1995	1996	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	1.9	0.4	0.2	3.7	0.9	0.0	0.0	3.5	30.8
42368	42734	1996	1997	3.7	1.8	1.7	0.8	0.7	1.4	3.8	2.0	2.2	2.2	2.0	0.4	0.2	3.9	1.0	0.0	0.0	3.8	31.6
42734	43099	1997	1998	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.1	1.1	0.0	0.0	3.9	32.1
43099	43464	1998	1999	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.2	1.1	0.0	0.0	4.0	32.5
43464	43829	1999	2000	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.3	1.1	0.0	0.0	4.0	32.7
43829	44195	2000	2001	3.7	1.8	1.7	0.8	0.7	1.5	3.9	2.1	2.2	2.3	2.0	0.4	0.2	4.2	1.1	0.0	0.0	3.9	32.4
44195	44560	2001	2002	3.7	1.8	1.7	0.8	0.7	1.4	3.7	2.0	2.2	2.2	2.0	0.4	0.2	4.1	1.0	0.0	0.0	3.8	31.7
44560	44925	2002	2003	3.7	1.8	1.7	0.8	0.7	1.4	3.6	2.0	2.2	2.2	1.9	0.4	0.2	3.9	1.0	0.0	0.0	3.6	30.9
44925	45290	2003	2004	3.7	1.8	1.7	0.8	0.7	1.4	3.4	2.0	2.2	2.1	1.8	0.4	0.1	3.7	0.9	0.0	0.0	3.4	30.0
45290	45656	2004	2005	3.7	1.8	1.7	0.8	0.6	1.4	3.2	2.0	2.1	2.0	1.7	0.4	0.1	3.6	0.9	0.0	0.0	3.2	29.3
45656	46021	2005	2006	3.7	1.8	1.7	0.8	0.6	1.4	3.1	2.0	2.1	2.0	1.7	0.4	0.1	3.9	1.0	0.0	0.0	3.4	29.7
46021	46386	2006	2007	3.7	1.8	1.7	0.8	0.6	1.4	3.0	1.9	2.1	2.0	1.7	0.4	0.1	3.9	1.0	0.0	0.0	3.4	29.5
46386	46751	2007	2008	3.7	1.8	1.7	0.8	0.6	1.4	2.9	1.9	2.1	1.9	1.7	0.4	0.1	3.8	1.0	0.0	0.0	3.3	29.0
46751	47117	2008	2009	3.7	1.8	1.7	0.8	0.6	1.4	2.7	1.9	2.1	1.9	1.6	0.4	0.1	3.7	0.9	0.0	0.0	3.1	28.4
47117	47482	2009	2010	3.7	1.8	1.7	0.8	0.6	1.4	2.6	1.9	2.0	1.8	1.5	0.4	0.1	3.5	0.9	0.0	0.0	3.0	27.6
47482	47847	2010	2011	3.7	1.8	1.7	0.8	0.6	1.4	2.5	1.9	2.0	1.8	1.5	0.4	0.1	3.4	0.8	0.0	0.0	2.8	27.0
47847	48212	2011	2012	3.7	1.8	1.7	0.8	0.6	1.3	2.4	1.9	2.0	1.8	1.5	0.4	0.1	3.4	0.9	0.0	0.0	2.8	26.8
48212	48578	2012	2013	3.7	1.8	1.7	0.8	0.6	1.3	2.3	1.8	2.0	1.7	1.4	0.4	0.1	3.4	0.9	0.0	0.0	2.8	26.6
48578	48943	2013	2014	3.7	1.8	1.7	0.7	0.5	1.3	2.2	1.8	2.0	1.7	1.4	0.4	0.1	3.3	0.9	0.0	0.0	2.8	26.4

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7C model)

				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
48943	49308	2014	2015	2721	1309	991	78	10	45	4	76	86	67	52	16	3	53	0	0	0	33	5544
49308	49673	2015	2016	2721	1309	988	73	9	43	0	68	77	48	28	14	0	1	0	0	0	0	5380
49673	50039	2016	2017	2721	1308	988	72	9	42	0	65	72	40	19	12	0	0	0	0	0	0	5347
50039	50404	2017	2018	2721	1308	988	71	9	41	0	64	70	38	17	11	0	0	0	0	0	0	5337
50404	50769	2018	2019	2721	1308	987	70	9	41	0	63	68	37	17	10	0	0	0	0	0	0	5331
50769	51134	2019	2020	2721	1308	987	69	9	41	0	62	68	36	16	10	0	0	0	0	0	0	5327
51134	51500	2020	2021	2721	1308	987	69	8	40	0	62	67	36	16	9	0	0	0	0	0	0	5323
51500	51865	2021	2022	2720	1308	987	69	8	40	0	62	67	36	15	9	0	0	0	0	0	0	5321
51865	52230	2022	2023	2720	1308	987	68	8	40	0	62	66	35	15	9	0	0	0	0	0	0	5319
52230	52595	2023	2024	2720	1308	987	68	8	40	0	61	66	35	15	9	0	0	0	0	0	0	5318
52595	52961	2024	2025	2720	1308	986	68	8	40	0	61	66	35	15	9	0	0	0	0	0	0	5317
52961	53326	2025	2026	2720	1308	986	68	8	40	0	61	66	35	15	9	0	0	0	0	0	0	5317
53326	53691	2026	2027	2720	1308	986	68	8	40	0	61	66	35	15	9	0	0	0	0	0	0	5317
53691	54056	2027	2028	2720	1308	986	68	8	40	0	61	66	35	15	9	0	0	0	0	0	0	5317
54056	54422	2028	2029	2720	1308	986	68	8	40	0	62	66	35	15	9	0	0	0	0	0	0	5318
54422	54787	2029	2030	2720	1308	986	68	8	40	0	62	66	36	15	9	0	0	0	0	0	0	5318
54787	55152	2030	2031	2720	1308	986	68	8	40	0	62	67	36	16	9	0	0	0	0	0	0	5319
55152	55517	2031	2032	2720	1308	986	68	8	40	0	62	67	36	16	10	0	0	0	0	0	0	5320
55517	55883	2032	2033	2720	1308	986	68	8	40	0	62	67	36	16	10	0	0	0	0	0	0	5321
55883	56248	2033	2034	2720	1308	987	68	8	40	0	62	67	36	16	10	0	0	0	0	0	0	5322
56248	56613	2034	2035	2720	1308	987	68	8	40	0	62	67	36	16	10	0	0	0	0	0	0	5324
56613	56978	2035	2036	2721	1308	987	68	8	40	0	62	68	36	16	10	0	0	0	0	0	0	5325
56978	57344	2036	2037	2721	1308	987	68	9	41	0	63	68	37	17	10	0	0	0	0	0	0	5328
57344	57709	2037	2038	2721	1308	987	69	9	41	0	63	69	37	17	11	0	0	0	0	0	0	5330
57709	58074	2038	2039	2721	1308	987	69	9	41	0	63	69	37	17	11	0	0	0	0	0	0	5332
58074	58439	2039	2040	2721	1308	987	69	9	41	0	64	69	38	17	11	0	0	0	0	0	0	5333
58439	58805	2040	2041	2721	1308	987	71	10	43	0	65	71	39	18	11	0	0	0	0	0	0	5343
58805	59170	2041	2042	2721	1308	988	72	10	44	0	67	73	41	19	12	0	0	0	0	0	0	5355
59170	59535	2042	2043	2721	1308	988	73	10	44	0	68	75	43	21	13	0	0	0	0	0	0	5364
59535	59900	2043	2044	2721	1309	988	74	11	44	0	69	76	45	22	13	0	0	0	0	0	0	5373
59900	60266	2044	2045	2721	1309	989	75	11	45	0	70	77	47	25	13	0	0	0	0	0	0	5381
60266	60631	2045	2046	2721	1309	989	75	11	45	0	71	78	48	27	14	0	1	0	0	0	0	5388
60631	60996	2046	2047	2721	1309	989	76	11	45	0	71	78	49	28	14	1	2	0	0	0	1	5396
60996	61361	2047	2048	2722	1309	989	76	11	45	0	72	79	50	30	14	1	4	0	0	0	3	5404
61361	61727	2048	2049	2722	1309	989	77	11	45	0	72	79	51	31	15	1	6	0	0	0	5	5413
61727	62092	2049	2050	2722	1309	989	77	11	45	0	72	80	52	32	15	1	9	0	0	0	7	5423
62092	62457	2050	2051	2722	1309	990	80	11	46	1	73	80	53	34	15	1	13	0	0	0	11	5439
62457	62822	2051	2052	2722	1309	991	86	14	46	2	74	81	55	36	16	2	23	0	0	0	17	5475
62822	63188	2052	2053	2722	1309	993	92	28	47	4	75	83	58	40	16	2	37	0	0	0	25	5531
63188	63553	2053	2054	2722	1309	993	100	38	48	7	76	84	61	44	17	3	52	1	0	0	33	5588
63553	63918	2054	2055	2722	1310	994	107	46	48	10	78	85	64	47	17	3	66	2	0	0	41	5640
63918	64283	2055	2056	2722	1310	994	112	52	49	12	79	86	66	51	18	4	79	4	0	0	48	5686
64283	64649	2056	2057	2722	1310	995	118	57	50	15	79	87	68	53	18	4	90	6	0	0	55	5728
64649	65014	2057	2058	2723	1310	995	123	61	50	18	80	88	70	56	18	5	100	9	0	0	61	5766
65014	65379	2058	2059	2723	1310	995	128	65	51	20	81	89	72	58	19	5	110	11	0	0	66	5800
65379	65744	2059	2060	2723	1310	995	132	68	51	22	81	90	73	60	19	5	118	13	0	0	71	5831
65744	66110	2060	2061	2723	1310	996	136	70	51	24	82	90	74	62	19	5	126	15	0	0	76	5861
66110	66475	2061	2062	2723	1310	996	139	73	52	26	82	91	75	63	20	6	134	17	0	0	80	5887
66475	66840	2062	2063	2723	1310	996	142	74	52	27	83	91	77	65	20	6	141	19	0	0	84	5911
66840	67205	2063	2064	2723	1310	996	144	76	52	29	83	92	78	66	20	6	148	21	0	0	88	5933
67205	67571	2064	2065	2723	1311	996	146	77	53	30	84	92	79	67	21	7	154	23	0	0	92	5954

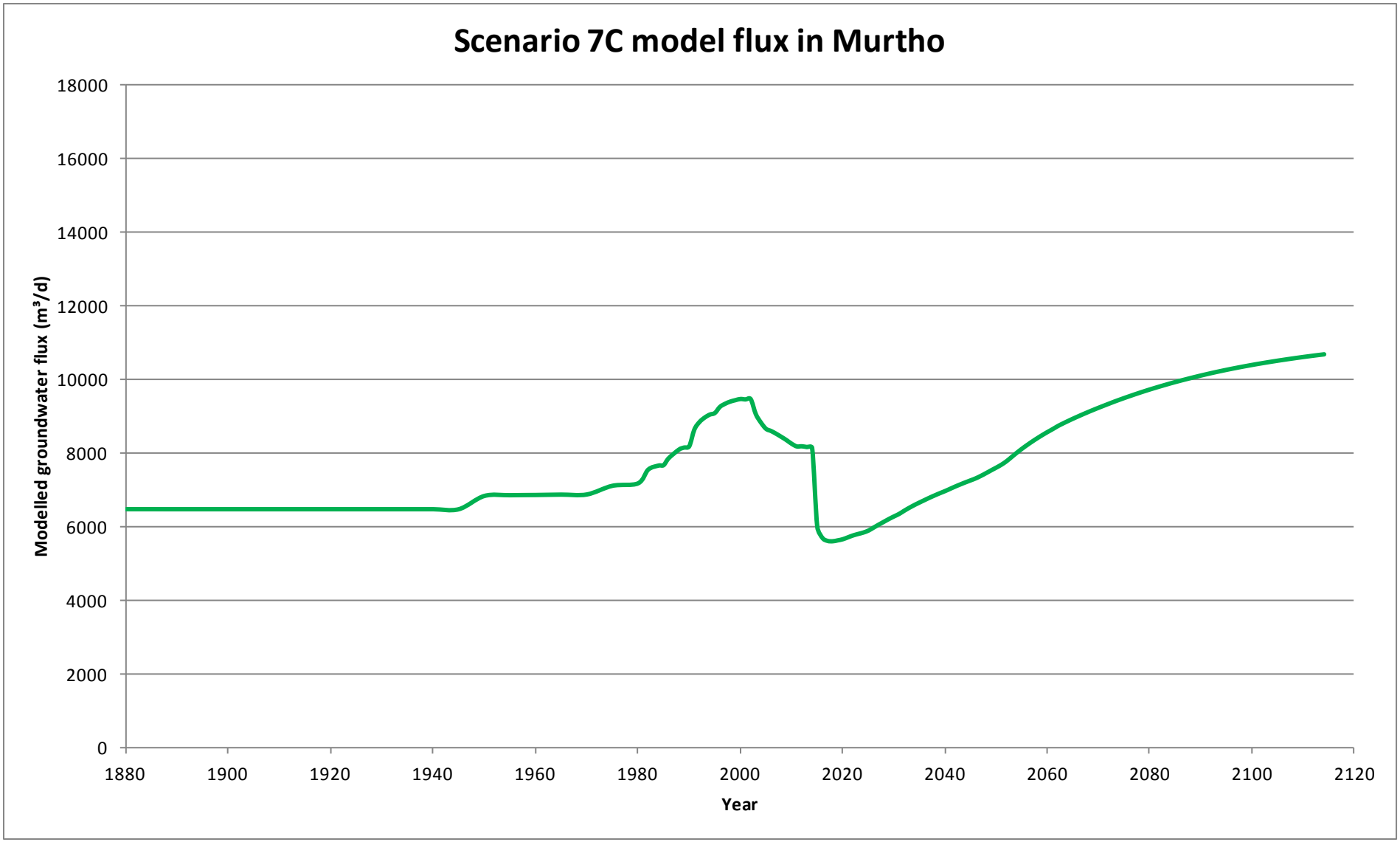
				North Murtho																		
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
48943	49308	2014	2015	3.7	1.8	1.3	0.1	0.0	1.0	0.1	1.6	1.8	1.4	1.1	0.4	0.1	1.1	0.0	0.0	0.0	0.9	16.5
49308	49673	2015	2016	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.6	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	12.9
49673	50039	2016	2017	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.9	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	12.3
50039	50404	2017	2018	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	12.1
50404	50769	2018	2019	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.5	0.8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	12.0
50769	51134	2019	2020	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.9
51134	51500	2020	2021	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.9
51500	51865	2021	2022	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
51865	52230	2022	2023	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
52230	52595	2023	2024	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
52595	52961	2024	2025	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
52961	53326	2025	2026	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
53326	53691	2026	2027	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
53691	54056	2027	2028	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
54056	54422	2028	2029	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
54422	54787	2029	2030	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
54787	55152	2030	2031	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
55152	55517	2031	2032	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8
55517	55883	2032	2033	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.9
55883	56248	2033	2034	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.9
56248	56613	2034	2035	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.9
56613	56978	2035	2036	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.4	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.9
56978	57344	2036	2037	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.3	1.5	0.8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	12.0
57344	57709	2037	2038	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	12.0
57709	58074	2038	2039	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	12.0
58074	58439	2039	2040	3.7	1.8	1.3	0.1	0.0	0.9	0.0	1.4	1.5	0.8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	12.1
58439	58805	2040	2041	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.4	1.5	0.8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	12.2
58805	59170	2041	2042	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.4	1.6	0.9	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	12.4
59170	59535	2042	2043	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.6	0.9	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	12.6
59535	59900	2043	2044	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.6	1.0	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	12.7
59900	60266	2044	2045	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.6	1.0	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	12.9
60266	60631	2045	2046	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	13.0
60631	60996	2046	2047	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.1	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	13.2
60996	61361	2047	2048	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.1	0.6	0.3	0.0	0.1	0.0	0.0	0.0	0.1	13.3
61361	61727	2048	2049	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.1	0.7	0.3	0.0	0.1	0.0	0.0	0.0	0.1	13.5
61727	62092	2049	2050	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.5	1.7	1.1	0.7	0.3	0.0	0.2	0.0	0.0	0.0	0.2	13.7
62092	62457	2050	2051	3.7	1.8	1.3	0.1	0.0	1.0	0.0	1.6	1.7	1.1	0.7	0.3	0.0	0.3	0.0	0.0	0.0	0.3	14.0
62457	62822	2051	2052	3.7	1.8	1.3	0.1	0.1	1.0	0.0	1.6	1.7	1.2	0.8	0.3	0.0	0.5	0.0	0.0	0.0	0.5	14.6
62822	63188	2052	2053	3.7	1.8	1.3	0.1	0.1	1.0	0.1	1.6	1.8	1.2	0.9	0.3	0.0	0.8	0.0	0.0	0.0	0.7	15.5
63188	63553	2053	2054	3.7	1.8	1.3	0.1	0.1	1.1	0.1	1.6	1.8	1.3	0.9	0.4	0.1	1.1	0.0	0.0	0.0	0.9	16.4
63553	63918	2054	2055	3.7	1.8	1.3	0.1	0.2	1.1	0.2	1.7	1.8	1.4	1.0	0.4	0.1	1.4	0.0	0.0	0.0	1.1	17.3
63918	64283	2055	2056	3.7	1.8	1.3	0.2	0.2	1.1	0.3	1.7	1.8	1.4	1.1	0.4	0.1	1.7	0.1	0.0	0.0	1.3	18.1
64283	64649	2056	2057	3.7	1.8	1.3	0.2	0.2	1.1	0.3	1.7	1.9	1.5	1.1	0.4	0.1	1.9	0.1	0.0	0.0	1.5	18.8
64649	65014	2057	2058	3.7	1.8	1.3	0.2	0.2	1.1	0.4	1.7	1.9	1.5	1.2	0.4	0.1	2.1	0.2	0.0	0.0	1.7	19.5
65014	65379	2058	2059	3.7	1.8	1.3	0.2	0.2	1.1	0.4	1.7	1.9	1.5	1.2	0.4	0.1	2.3	0.2	0.0	0.0	1.8	20.1
65379	65744	2059	2060	3.7	1.8	1.3	0.2	0.3	1.1	0.5	1.7	1.9	1.6	1.3	0.4	0.1	2.5	0.3	0.0	0.0	2.0	20.7
65744	66110	2060	2061	3.7	1.8	1.3	0.2	0.3	1.1	0.5	1.7	1.9	1.6	1.3	0.4	0.1	2.7	0.3	0.0	0.0	2.1	21.2
66110	66475	2061	2062	3.7	1.8	1.3	0.2	0.3	1.2	0.6	1.8	1.9	1.6	1.3	0.4	0.1	2.9	0.4	0.0	0.0	2.2	21.7
66475	66840	2062	2063	3.7	1.8	1.3	0.2	0.3	1.2	0.6	1.8	2.0	1.6	1.4	0.4	0.1	3.0	0.4	0.0	0.0	2.4	22.1
66840	67205	2063	2064	3.7	1.8	1.3	0.2	0.3	1.2	0.6	1.8	2.0	1.7	1.4	0.4	0.1	3.2	0.4	0.0	0.0	2.5	22.5
67205	67571	2064	2065	3.7	1.8	1.3	0.2	0.3	1.2	0.7	1.8	2.0	1.7	1.4	0.4	0.1	3.3	0.5	0.0	0.0	2.6	22.9

B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7C model)

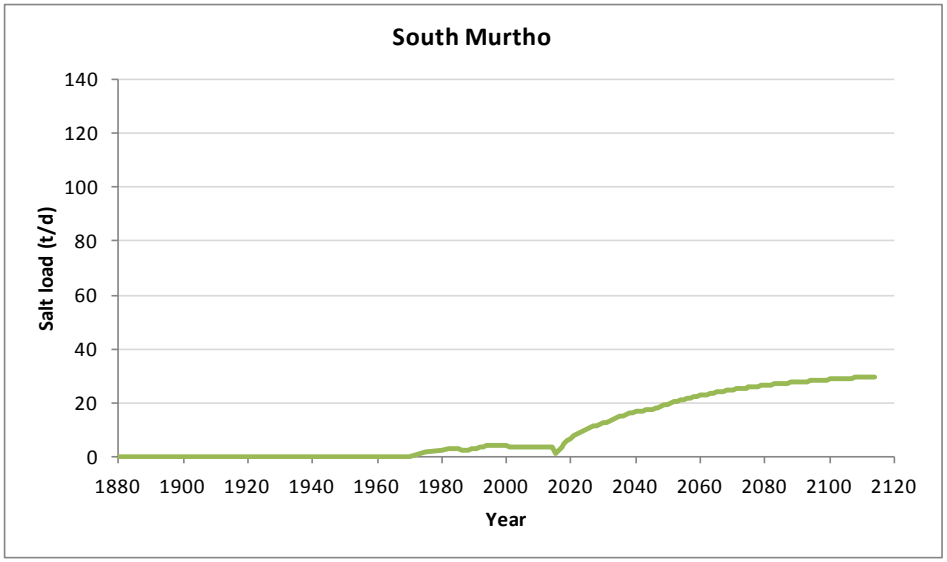
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Flux
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Groundwater Flux (m³/d)																		
67571	67936	2065	2066	2723	1311	996	147	79	53	31	84	93	79	69	21	7	161	24	0	0	96	5974
67936	68301	2066	2067	2723	1311	996	149	80	53	33	84	93	80	70	21	7	167	26	0	0	100	5994
68301	68666	2067	2068	2723	1311	996	151	81	53	35	85	94	81	71	21	7	173	28	0	0	103	6013
68666	69032	2068	2069	2724	1311	996	152	82	53	36	85	94	82	72	21	7	179	30	0	0	107	6033
69032	69397	2069	2070	2724	1311	997	154	83	54	38	85	95	83	74	22	8	184	32	0	0	110	6051
69397	69762	2070	2071	2724	1311	997	155	84	54	39	86	95	84	75	22	8	190	34	0	0	113	6069
69762	70127	2071	2072	2724	1311	997	156	85	54	41	86	95	84	76	22	8	195	35	0	0	116	6086
70127	70493	2072	2073	2724	1311	997	158	86	54	42	86	96	85	77	22	8	200	37	0	0	119	6103
70493	70858	2073	2074	2724	1311	997	159	87	54	43	87	96	86	78	23	8	205	39	0	0	122	6119
70858	71223	2074	2075	2724	1311	997	160	88	55	45	87	96	87	79	23	9	210	40	0	0	125	6135
71223	71588	2075	2076	2724	1311	997	161	89	55	46	87	97	87	80	23	9	214	42	0	0	128	6151
71588	71954	2076	2077	2724	1311	997	163	90	55	47	88	97	88	81	23	9	219	44	0	0	131	6166
71954	72319	2077	2078	2724	1311	997	164	91	55	48	88	97	89	82	23	9	223	45	0	0	133	6180
72319	72684	2078	2079	2724	1311	997	165	92	55	50	88	98	89	83	23	9	227	47	0	0	136	6195
72684	73049	2079	2080	2724	1311	997	166	93	55	51	88	98	90	83	24	9	231	48	0	0	138	6209
73049	73415	2080	2081	2724	1311	997	167	94	56	52	89	98	90	84	24	10	235	49	0	0	140	6222
73415	73780	2081	2082	2724	1312	997	168	95	56	54	89	98	91	85	24	10	239	51	0	0	143	6235
73780	74145	2082	2083	2724	1312	997	169	96	56	55	89	99	92	86	24	10	243	52	0	0	145	6248
74145	74510	2083	2084	2725	1312	997	171	97	56	56	89	99	92	86	24	10	246	54	0	0	147	6260
74510	74876	2084	2085	2725	1312	998	172	97	56	57	90	99	93	87	24	10	250	55	0	0	149	6273
74876	75241	2085	2086	2725	1312	998	173	98	56	58	90	99	93	88	25	10	253	56	0	0	151	6284
75241	75606	2086	2087	2725	1312	998	174	99	56	59	90	100	94	89	25	10	256	57	0	0	153	6296
75606	75971	2087	2088	2725	1312	998	175	100	57	60	90	100	94	89	25	11	259	58	0	0	154	6307
75971	76337	2088	2089	2725	1312	998	176	100	57	62	90	100	94	90	25	11	262	59	0	0	156	6317
76337	76702	2089	2090	2725	1312	998	177	101	57	62	90	100	95	90	25	11	265	61	0	0	158	6328
76702	77067	2090	2091	2725	1312	998	178	102	57	63	91	101	95	91	25	11	268	62	0	0	160	6338
77067	77432	2091	2092	2725	1312	998	179	103	57	64	91	101	96	92	25	11	271	63	0	0	161	6348
77432	77798	2092	2093	2725	1312	998	180	103	57	65	91	101	96	92	25	11	273	64	0	0	163	6358
77798	78163	2093	2094	2725	1312	998	181	104	57	66	91	101	97	93	25	11	276	65	0	0	164	6367
78163	78528	2094	2095	2725	1312	998	182	105	57	67	91	101	97	93	26	11	278	66	0	0	166	6376
78528	78893	2095	2096	2725	1312	998	183	105	57	68	91	102	97	94	26	11	281	67	0	0	167	6385
78893	79259	2096	2097	2725	1312	998	184	106	57	69	92	102	98	94	26	11	283	68	0	0	169	6393
79259	79624	2097	2098	2725	1312	998	185	107	58	69	92	102	98	95	26	12	285	69	0	0	170	6402
79624	79989	2098	2099	2725	1312	998	186	107	58	70	92	102	98	95	26	12	288	70	0	0	171	6410
79989	80354	2099	2100	2725	1312	998	187	108	58	71	92	102	99	96	26	12	290	70	0	0	173	6418
80354	80719	2100	2101	2725	1312	998	187	108	58	72	92	102	99	96	26	12	292	71	0	0	174	6425
80719	81084	2101	2102	2725	1312	998	188	109	58	72	92	103	99	97	26	12	294	72	0	0	175	6433
81084	81449	2102	2103	2725	1312	998	189	109	58	73	92	103	100	97	26	12	296	73	0	0	176	6440
81449	81814	2103	2104	2725	1312	998	190	110	58	74	93	103	100	97	26	12	298	74	0	0	177	6447
81814	82180	2104	2105	2725	1312	998	190	110	58	74	93	103	100	98	26	12	300	74	0	0	178	6454
82180	82545	2105	2106	2725	1312	998	191	111	58	75	93	103	100	98	27	12	301	75	0	0	180	6461
82545	82910	2106	2107	2725	1312	998	191	111	58	76	93	103	101	99	27	12	303	76	0	0	181	6467
82910	83275	2107	2108	2725	1312	998	192	112	58	76	93	103	101	99	27	12	305	76	0	0	182	6473
83275	83641	2108	2109	2725	1312	998	193	112	58	77	93	104	101	99	27	12	307	77	0	0	183	6479
83641	84006	2109	2110	2726	1312	999	193	113	59	77	93	104	102	100	27	12	308	78	0	0	184	6485
84006	84371	2110	2111	2726	1312	999	194	113	59	78	93	104	102	100	27	13	310	78	0	0	185	6491
84371	84736	2111	2112	2726	1312	999	194	114	59	78	93	104	102	100	27	13	311	79	0	0	185	6497
84736	85102	2112	2113	2726	1312	999	195	114	59	79	94	104	102	101	27	13	313	80	0	0	186	6502
85102	85467	2113	2114	2726	1312	999	195	114	59	80	94	104	102	101	27	13	314	80	0	0	187	6507

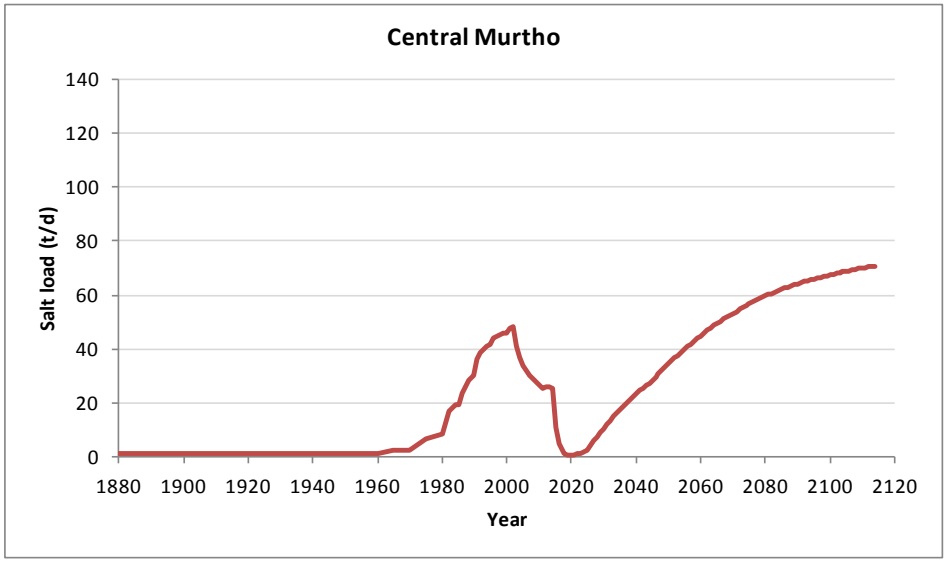
				North Murtho																			
Model Budget Zone				Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z104	Total Salt Load
Salinity (mg/L)				1352	1352	1352	1352	3834	22243	22243	21358	21358	21358	21358	21358	21358	21358	21358	29166	8708	27940	
River Kms				620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604		
Start Day	Stop Day	Start Year	Stop Year	Modelled Salt Load (t/d)																		
67571	67936	2065	2066	3.7	1.8	1.3	0.2	0.3	1.2	0.7	1.8	2.0	1.7	1.5	0.4	0.1	3.4	0.5	0.0	0.0	2.7	23.3
67936	68301	2066	2067	3.7	1.8	1.3	0.2	0.3	1.2	0.7	1.8	2.0	1.7	1.5	0.4	0.1	3.6	0.6	0.0	0.0	2.8	23.7
68301	68666	2067	2068	3.7	1.8	1.3	0.2	0.3	1.2	0.8	1.8	2.0	1.7	1.5	0.5	0.2	3.7	0.6	0.0	0.0	2.9	24.1
68666	69032	2068	2069	3.7	1.8	1.3	0.2	0.3	1.2	0.8	1.8	2.0	1.8	1.5	0.5	0.2	3.8	0.6	0.0	0.0	3.0	24.5
69032	69397	2069	2070	3.7	1.8	1.3	0.2	0.3	1.2	0.8	1.8	2.0	1.8	1.6	0.5	0.2	3.9	0.7	0.0	0.0	3.1	24.9
69397	69762	2070	2071	3.7	1.8	1.3	0.2	0.3	1.2	0.9	1.8	2.0	1.8	1.6	0.5	0.2	4.1	0.7	0.0	0.0	3.2	25.2
69762	70127	2071	2072	3.7	1.8	1.3	0.2	0.3	1.2	0.9	1.8	2.0	1.8	1.6	0.5	0.2	4.2	0.8	0.0	0.0	3.3	25.6
70127	70493	2072	2073	3.7	1.8	1.3	0.2	0.3	1.2	0.9	1.8	2.0	1.8	1.6	0.5	0.2	4.3	0.8	0.0	0.0	3.3	25.9
70493	70858	2073	2074	3.7	1.8	1.3	0.2	0.3	1.2	1.0	1.9	2.1	1.8	1.7	0.5	0.2	4.4	0.8	0.0	0.0	3.4	26.2
70858	71223	2074	2075	3.7	1.8	1.3	0.2	0.3	1.2	1.0	1.9	2.1	1.9	1.7	0.5	0.2	4.5	0.9	0.0	0.0	3.5	26.5
71223	71588	2075	2076	3.7	1.8	1.3	0.2	0.3	1.2	1.0	1.9	2.1	1.9	1.7	0.5	0.2	4.6	0.9	0.0	0.0	3.6	26.8
71588	71954	2076	2077	3.7	1.8	1.3	0.2	0.3	1.2	1.1	1.9	2.1	1.9	1.7	0.5	0.2	4.7	0.9	0.0	0.0	3.6	27.1
71954	72319	2077	2078	3.7	1.8	1.3	0.2	0.3	1.2	1.1	1.9	2.1	1.9	1.7	0.5	0.2	4.8	1.0	0.0	0.0	3.7	27.4
72319	72684	2078	2079	3.7	1.8	1.3	0.2	0.4	1.2	1.1	1.9	2.1	1.9	1.8	0.5	0.2	4.9	1.0	0.0	0.0	3.8	27.7
72684	73049	2079	2080	3.7	1.8	1.3	0.2	0.4	1.2	1.1	1.9	2.1	1.9	1.8	0.5	0.2	4.9	1.0	0.0	0.0	3.9	28.0
73049	73415	2080	2081	3.7	1.8	1.3	0.2	0.4	1.2	1.2	1.9	2.1	1.9	1.8	0.5	0.2	5.0	1.1	0.0	0.0	3.9	28.2
73415	73780	2081	2082	3.7	1.8	1.3	0.2	0.4	1.2	1.2	1.9	2.1	1.9	1.8	0.5	0.2	5.1	1.1	0.0	0.0	4.0	28.5
73780	74145	2082	2083	3.7	1.8	1.3	0.2	0.4	1.2	1.2	1.9	2.1	2.0	1.8	0.5	0.2	5.2	1.1	0.0	0.0	4.0	28.7
74145	74510	2083	2084	3.7	1.8	1.3	0.2	0.4	1.2	1.2	1.9	2.1	2.0	1.8	0.5	0.2	5.3	1.1	0.0	0.0	4.1	29.0
74510	74876	2084	2085	3.7	1.8	1.3	0.2	0.4	1.2	1.3	1.9	2.1	2.0	1.9	0.5	0.2	5.3	1.2	0.0	0.0	4.2	29.2
74876	75241	2085	2086	3.7	1.8	1.3	0.2	0.4	1.3	1.3	1.9	2.1	2.0	1.9	0.5	0.2	5.4	1.2	0.0	0.0	4.2	29.4
75241	75606	2086	2087	3.7	1.8	1.3	0.2	0.4	1.3	1.3	1.9	2.1	2.0	1.9	0.5	0.2	5.5	1.2	0.0	0.0	4.3	29.6
75606	75971	2087	2088	3.7	1.8	1.3	0.2	0.4	1.3	1.3	1.9	2.1	2.0	1.9	0.5	0.2	5.5	1.2	0.0	0.0	4.3	29.9
75971	76337	2088	2089	3.7	1.8	1.3	0.2	0.4	1.3	1.4	1.9	2.1	2.0	1.9	0.5	0.2	5.6	1.3	0.0	0.0	4.4	30.1
76337	76702	2089	2090	3.7	1.8	1.3	0.2	0.4	1.3	1.4	1.9	2.1	2.0	1.9	0.5	0.2	5.7	1.3	0.0	0.0	4.4	30.3
76702	77067	2090	2091	3.7	1.8	1.3	0.2	0.4	1.3	1.4	1.9	2.1	2.0	1.9	0.5	0.2	5.7	1.3	0.0	0.0	4.5	30.4
77067	77432	2091	2092	3.7	1.8	1.3	0.2	0.4	1.3	1.4	1.9	2.2	2.0	2.0	0.5	0.2	5.8	1.3	0.0	0.0	4.5	30.6
77432	77798	2092	2093	3.7	1.8	1.3	0.2	0.4	1.3	1.5	1.9	2.2	2.1	2.0	0.5	0.2	5.8	1.4	0.0	0.0	4.5	30.8
77798	78163	2093	2094	3.7	1.8	1.3	0.2	0.4	1.3	1.5	1.9	2.2	2.1	2.0	0.5	0.2	5.9	1.4	0.0	0.0	4.6	31.0
78163	78528	2094	2095	3.7	1.8	1.3	0.2	0.4	1.3	1.5	2.0	2.2	2.1	2.0	0.5	0.2	5.9	1.4	0.0	0.0	4.6	31.2
78528	78893	2095	2096	3.7	1.8	1.3	0.2	0.4	1.3	1.5	2.0	2.2	2.1	2.0	0.5	0.2	6.0	1.4	0.0	0.0	4.7	31.3
78893	79259	2096	2097	3.7	1.8	1.3	0.2	0.4	1.3	1.5	2.0	2.2	2.1	2.0	0.6	0.2	6.0	1.4	0.0	0.0	4.7	31.5
79259	79624	2097	2098	3.7	1.8	1.3	0.2	0.4	1.3	1.5	2.0	2.2	2.1	2.0	0.6	0.2	6.1	1.5	0.0	0.0	4.8	31.7
79624	79989	2098	2099	3.7	1.8	1.3	0.3	0.4	1.3	1.6	2.0	2.2	2.1	2.0	0.6	0.2	6.1	1.5	0.0	0.0	4.8	31.8
79989	80354	2099	2100	3.7	1.8	1.3	0.3	0.4	1.3	1.6	2.0	2.2	2.1	2.0	0.6	0.3	6.2	1.5	0.0	0.0	4.8	32.0
80354	80719	2100	2101	3.7	1.8	1.3	0.3	0.4	1.3	1.6	2.0	2.2	2.1	2.1	0.6	0.3	6.2	1.5	0.0	0.0	4.9	32.1
80719	81084	2101	2102	3.7	1.8	1.3	0.3	0.4	1.3	1.6	2.0	2.2	2.1	2.1	0.6	0.3	6.3	1.5	0.0	0.0	4.9	32.2
81084	81449	2102	2103	3.7	1.8	1.3	0.3	0.4	1.3	1.6	2.0	2.2	2.1	2.1	0.6	0.3	6.3	1.6	0.0	0.0	4.9	32.4
81449	81814	2103	2104	3.7	1.8	1.3	0.3	0.4	1.3	1.6	2.0	2.2	2.1	2.1	0.6	0.3	6.4	1.6	0.0	0.0	5.0	32.5
81814	82180	2104	2105	3.7	1.8	1.3	0.3	0.4	1.3	1.7	2.0	2.2	2.1	2.1	0.6	0.3	6.4	1.6	0.0	0.0	5.0	32.6
82180	82545	2105	2106	3.7	1.8	1.3	0.3	0.4	1.3	1.7	2.0	2.2	2.1	2.1	0.6	0.3	6.4	1.6	0.0	0.0	5.0	32.8
82545	82910	2106	2107	3.7	1.8	1.3	0.3	0.4	1.3	1.7	2.0	2.2	2.2	2.1	0.6	0.3	6.5	1.6	0.0	0.0	5.0	32.9
82910	83275	2107	2108	3.7	1.8	1.3	0.3	0.4	1.3	1.7	2.0	2.2	2.2	2.1	0.6	0.3	6.5	1.6	0.0	0.0	5.1	33.0
83275	83641	2108	2109	3.7	1.8	1.3	0.3	0.4	1.3	1.7	2.0	2.2	2.2	2.1	0.6	0.3	6.5	1.6	0.0	0.0	5.1	33.1
83641	84006	2109	2110	3.7	1.8	1.3	0.3	0.4	1.3	1.7	2.0	2.2	2.2	2.1	0.6	0.3	6.6	1.7	0.0	0.0	5.1	33.2
84006	84371	2110	2111	3.7	1.8	1.4	0.3	0.4	1.3	1.7	2.0	2.2	2.2	2.1	0.6	0.3	6.6	1.7	0.0	0.0	5.2	33.4
84371	84736	2111	2112	3.7	1.8	1.4	0.3	0.4	1.3	1.7	2.0	2.2	2.2	2.1	0.6	0.3	6.7	1.7	0.0	0.0	5.2	33.5
84736	85102	2112	2113	3.7	1.8	1.4	0.3	0.4	1.3	1.8	2.0	2.2	2.2	2.1	0.6	0.3	6.7	1.7	0.0	0.0	5.2	33.6
85102	85467	2113	2114	3.7	1.8	1.4	0.3	0.4	1.3	1.8	2.0	2.2	2.2	2.2	0.6	0.3	6.7	1.7	0.0	0.0	5.2	33.7

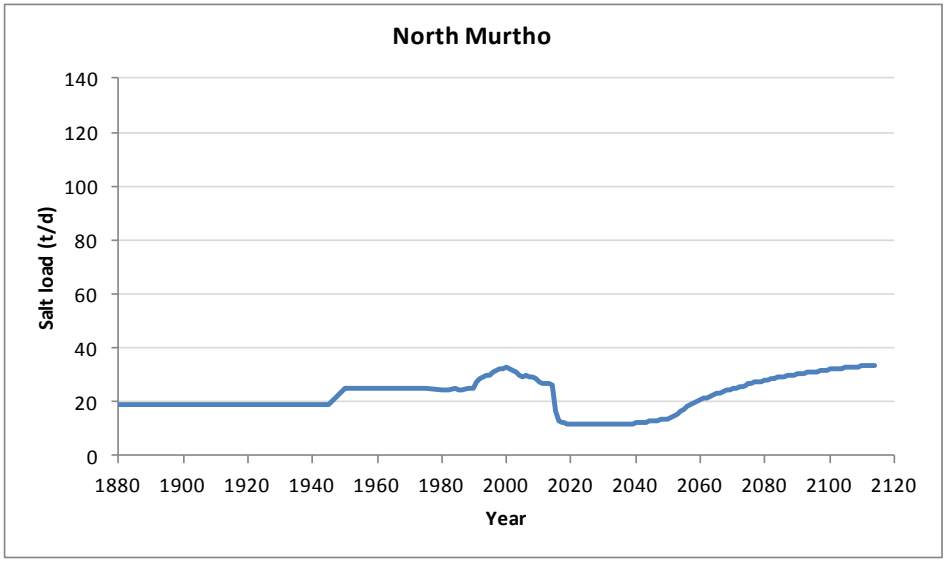
B-3. Modelled groundwater flux (m³/d) and salt load (t/d) entering the River Murray from each flow budget zone in Murtho area (S7C model)



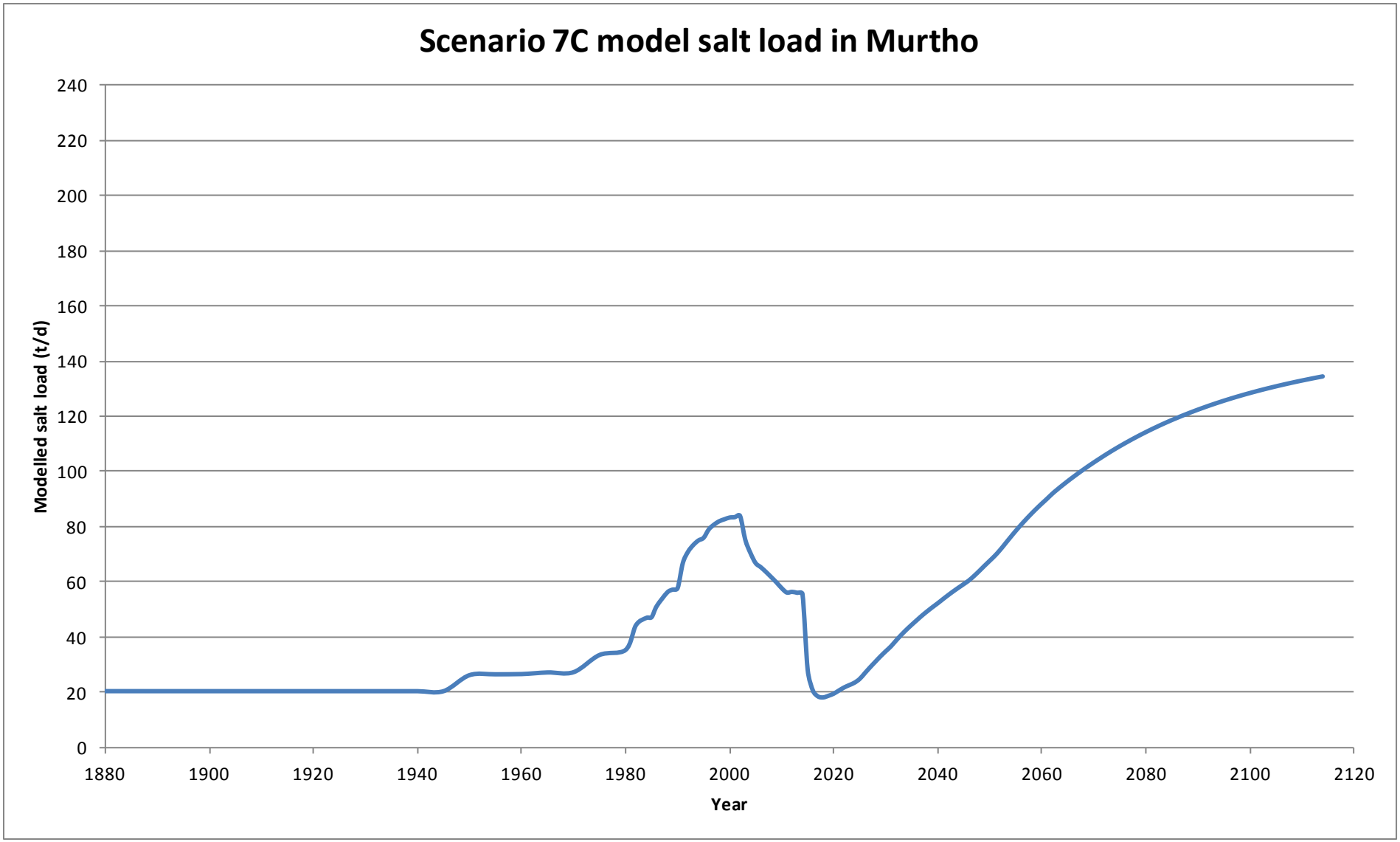
B-3. Graph of modelled groundwater flux (m³/d) entering the River Murray in Murtho (S7C model)







B-3. Graph of modelled salt load (t/d) entering the River Murray in Murtho (S7C model)



B-3. Graph of modelled salt load (t/d) entering the River Murray in Murtho (S7C model)

C. SUPPLEMENTARY REPORTS AND ANALYSES

C-1 APPLICATION OF THE IRRIGATION ACCESSIONS UNDERLYING IRRIGATION AREAS METHOD TO THE PIKE-MURTHO AREA

Estimation of Irrigation Accession Volumes for the Lyrup, Pike and Murtho Districts

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February 26, 2014

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1 Introduction

The Department for Environment, Water and Natural Resources (DEWNR) contracted Laroona Environmetrics to review accessions[1] from irrigation applications to the regional groundwater in the Lyrup, Pike and Murtho Irrigation Districts. The accessions are an input into the regional groundwater model for estimating salt loads to the River Murray. This study is similar to previous studies undertaken for DEWNR and its predecessors (Meissner, 2011a), (Meissner, 2011b) and (Meissner, 2012). The agreed tasks of the study were:

- Review historical data on irrigated area, irrigation application rates, volume of irrigation water pumped, rainfall data and irrigation efficiency values used to estimate accessions to the regional groundwater;
- Construct worksheets to estimate the volume of applied water draining beyond the root zone of irrigated crops for each of the irrigation districts;
- Provide the spreadsheet of interim estimations of accessions for review by DEWNR groundwater modellers; and
- Provide a report of the accession study.

The Pike – Murtho groundwater model covers the irrigation districts of Lyrup (floodplain and highland (the southernmost area of the Lyrup district), Simarloo, Mid and Upper Pike, South, Central and North Murtho. Figure 1 shows the map of these irrigated districts. These districts consists of an irrigation trust licence (Lyrup floodplain) and private diversion licences.

2 Description of data and methodology

Two Microsoft Excel® spreadsheet files were supplied containing the data for irrigated area and consumption (irrigation) volumes and years for which the data was measured or estimated. These data were then transferred to a new spreadsheet that contained templates for calculating the volume of accessions from the application of irrigation water to horticultural crops. Monthly rainfall data for Renmark Irrigation Office (Station ID=024003) and Lyrup (Station ID=024008) were downloaded from the Bureau of Meteorology (URL:http://www.bom.gov.au/climate/data/index.shtml?bookmark=200)

[1] **Accessions are defined as the volume of water draining beyond the rootzone of irrigated crops that eventually percolates to the groundwater. Accessions volumes are not necessarily equal to groundwater recharge volumes. The presence of aquitards, lateral spread of the accession front and water held in the geological layers above the aquifer are some factors that affect the recharge volume**

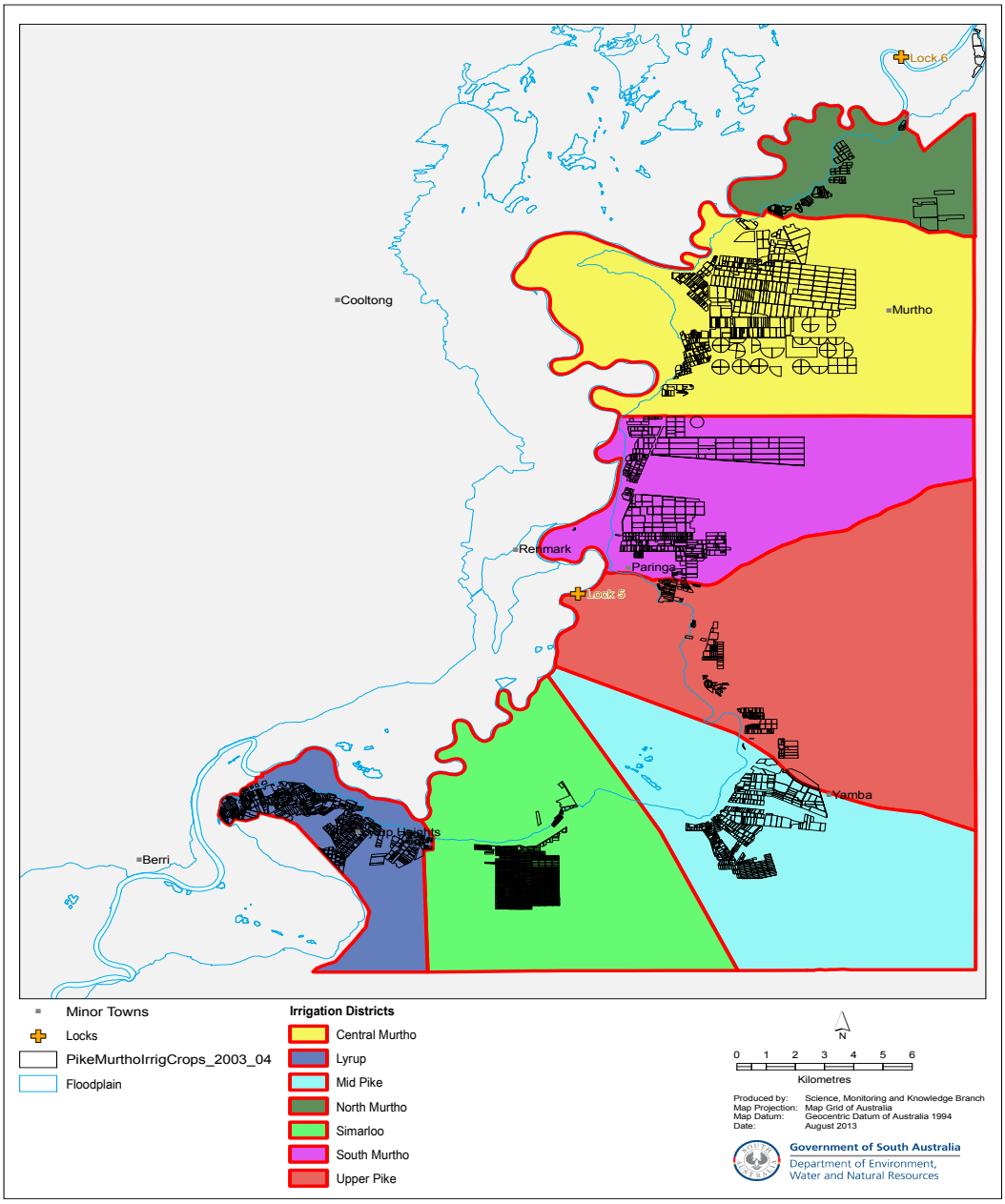

Figure X - Irrigation Districts

Figure 1: Map of the Lyrup, Pike and Murtho Irrigation Districts. Note the Lyrup Irrigation District consist of the floodplain, that area closest to the River and the highland immediately to the south of the floodplain

2.1 Irrigated Areas

Irrigated areas of each district were copied from the *"Summary"* worksheet of the Excel® spreadsheet *"Irrigation areas 1880-2011.xlsx"* and pasted into the respective district worksheets of the template *"Irrigation drainage.xlsx"* for the years for which the areas were either measured or estimated. Where there were no data, the missing data were estimated by linear interpolation from the last known value before data were missing to the next known measured value. Measured values are shown by coloured cells in the Excel worksheets that are provided with the files attached to this report (see Appendix A on page 12).

2.2 Irrigation Application Volumes

The file *"Tables for Tony.xlsx"* contained measured or estimated values of irrigation application volumes for each of the districts. There were three sources of measured or estimated data: (i) pre – 1992 the values were taken from (Middlemis, Georgiou, and Richardson, 2009); (ii) 1992 – 2004 the values were extracted from the Water Licensing System (WLS) of DEWNR; and (iii) for 2005 – 2011 from the WILMA licensing database of DEWNR. Consumption records only began in 1945 (Middlemis, Georgiou, and Richardson, 2009) and before that time there were no measured data. Missing data after 1945 were estimated by linear interpolation. Before 1945 irrigation application volumes were estimated in this period from the formula below (See 2.3):

$$\textbf{Application Volume} \quad = \quad \textbf{Irrigated Area x Application Rate}. \tag{1}$$

where **Irrigated Area** was either measured or estimated (see 2.1 above) and **Application Rate** was inferred or measured (see 2.3 below).

2.3 Application Rate

Historically, application rates around the late 19th and early 20th centuries are not known. I have chosen irrigation application rates that were applied in the 1950s and 1960s as an estimate though actual rates may have been different than these. On average, I estimated this to be about 9ML/ha ignoring rainfall amounts. Hence, the volume of irrigation applied in the early 1900s were assumed similar to that applied in the 1960s. In determining application rates planted area was used. In addition, there needed to be a matching between the application rate immediately prior to measurement of volumes applied and immediately afterwards. When application volumes were measured application rates was calculated by:

$$\textbf{Application Rate} \quad = \quad \textbf{Irrigation Volume / Irrigated Area}. \qquad (2)$$

2.4 Irrigation Efficiency

Irrigation efficiency values used in the calculations were the same as those from the Loxton – Bookpurnong Report (Meissner, 2011a), which values were derived from (Adams and Meissner, 2009). The same irrigation efficiency values were applied to all districts. A value of 0.55 irrigation efficiency was applied to the Lyrup floodplain prior to 1940. From 1940 onwards, irrigation efficiency values were: 0.60 from 1941 – 1960; 0.65 from 1961 – 1990; 0.70 from 1991 – 1994; from 1996 – 2000 it was assumed to be 0.75 and from 2001 onwards 0.80 was adopted.

2.5 Rainfall

Rainfall records for Renmark Irrigation Station (BOM station no. 024003) began in 1884 until the present but about 35 years of records were missing from 1891 until 1925 and random missing months for the remaining years. Monthly rainfall records began in 1896 until the present for the Lyrup rainfall station (BOM station no. 024008) with about 1 – 2 years of data missing in the late 1940s and mid 1970s. I decided to take the average of the monthly rainfall totals of the two stations as they are close by (~14km) and the irrigation districts are within $\pm$15km from Renmark. However, there was still a gap of about 27 months were there were no rainfall data for either Renmark or Lyrup. These missing values were imputed for each of the missing months of data. The missing monthly values were estimated by sampling without replacement from the respective non-missing monthly data. For example, where there were no values for January for the years 1894 – 1897, these values were replaced by random sampling, without replacement, from the monthly values for January for the years 1898 – 2013.

From the monthly data, annual totals were calculated. The annual totals were then pasted into the respective district worksheets to match those years when irrigation commenced in each district until 2011.

3 Assumptions in Estimating Irrigation Efficiency and Application Rate

Two quantities were required to be estimated either from personal knowledge and experience or from the scant available published data. These quantities

were: (i) Application Rate in units of ML/ha and (ii) Irrigation Efficiency a dimensionless quantity between 0 and 1 . Application rates were not available from the late 1890s when irrigation began until measured application volumes were available. Irrigation Efficiency was estimated from the beginning of irrigation until irrigation efficiency values were published from the mid 1970s until the present (Adams and Meissner, 2009).

3.1 Lyrup floodplain and Lyrup Highland

The Lyrup district was divided into the floodplain area, which was irrigated from 1894, and the highland, which was developed from 1950 onwards. The proportion of the area and pumped volumes attributed to the two sub-districts were estimated starting at 85% of total area for the floodplain in 1950 decreasing to 50% by 1975 and remaining at that value to the present. Pumped volumes were split 80%:15% between floodpalin and highland in 1950 decreasing to 33%:67% and remaining constant from 1995 onwards. The reason for the smaller percentage of the pumped volume compared to the area was because the highland had mostly citrus and other tree crops requiring more irrigation water than vines on the floodplain. This data is shown in the *Lyrup* worksheet (see Appendix A on page 12).

3.2 Miscellaneous Quantities

The Lyrup floodplain was the only district that irrigation water was delivered by channels that followed the contour of the land. Initially, these channels were earthen but from the mid 1930s earthen channels were replaced by concrete-lined ones. The channels lost water either by spillage, principally at the end of the channel or through seepage at the joints or cracks in the concrete channel. The earthen channels lost substantially more water through seepage into the clay soil compared to the concrete channel and a value for these transmission losses was set at 50% higher than for the concrete–lined channels. The values for spillage (5% of pumped volumes) and transmission losses (15% of pumped volumes) were adopted from those cited in the Loxton report (Meissner, 2011a). The Lyrup floodplain district was rehabilitated in the mid 2000s and hence these losses were effectively eliminated from that time onwards.

4 Calculation of Accession Volumes

In the Mallee and riverine landscapes, water draining beyond the root zone of either perennial or annual horticultural crops potentially finds its way to the

underlying groundwater. The amount of water is mainly determined by the total applied water volume; the proportion of which is determined by the efficiency of irrigation. A component of the applied water is that derived from rainfall. Rainfall is usually not 100% effective due to evaporation from plant and soil surfaces (Dastane, 1978) or from runoff. In the Riverland, 60% of rainfall has been deemed to be effective (T. Adams pers. comm) and this was the value used. The effective rainfall value was added to the applied irrigation volume (Meissner, 2011b). The amount of applied water draining beyond the root zone is that amount not used by the plants. Where there was spillage and drainage losses, the volume draining beyond the root zone of plants was calculated as for Loxton – Bookpurnong (Meissner, 2011a).

Hence, for all but the Lyrup floodplain area, the volume draining past the root zone was:

$$\textbf{Accession Volume} = \textbf{Total Application Volume x (1-IE)} \quad (3)$$

where IE is Irrigation Efficiency and Total Application Volume was Pumped Volume $0.6\times$ Rainfall Volume (ML). For the Lyrup floodplain the volume from spillage and transmission losses were added to equation 3.

5 Discussion

Before 1940, irrigation development was restricted to the Lyrup floodplain and slowly increased from nothing before 1894 to about 170 ha by 1940. From 1940 onwards irrigation development increased linearly on average at 97 ha/yr to approximately 7,700 ha and annually irrigation volumes increased by 771 ML/yr to about 60,000 ML/yr. Application rate was assumed to be 9ML/ha (including rainfall) and Application Efficiency (IE) was estimated at 55% because of furrow/flood irrigation methods. After this time, the highland began to be developed with a mixture of stonefruit, grapes and nuts mostly irrigated by overhead sprinklers then undertree and later drip irrigation on most of the irrigated horticultural crops. Irrigation management improved as research results became known to property owners, improvement in soil moisture monitoring technology improved and became affordable and microsprinklers and drippers allowed finer control of how much irrigation water to apply, when and where to irrigated crops.

There were wide variations in application rates (including rainfall) (ML/ha) from year to year. North Murtho has a very high application rate (mostly greater than 10 ML/ha) compared to the other districts. These rates are higher than expected. In contrast most of the other districts, with the exception of Simarloo have application rates in the range of 4 – 8 ML/ha which are lower than were

generally thought that were applied. Simarloo's rate was about what would be expected for these mixed horticultural enterprises.

Accession volumes steadily increased to the mid – 1980s to a peak around 15,400 ML/yr and declined to an average of 11,600 ML/yr since 2000. The steady value in accession volumes in the 2000s were likely due to increasing irrigation efficiency (including response by irrigators to restrictions on licensed entitlement volumes due to low flows in the R. Murray), increasing use of drip irrigation, soil moisture monitoring, and better irrigation and crop management.

Individual accession volumes for each of the districts are shown in Figure 2. Note that the Central Murtho district has provided about 44% of the increase in irrigation activity and hence a similar proportional increase in accession volumes since 1940. Note that all districts except Central Murtho, estimated accession volumes decreased from the mid 1980s; the Central Murtho volumes continue to increase to the present. From a regional perspective total accession volumes have remained relatively constant at 1.1121×10^4 ML from 1990 onwards.

5.1 Comments of Estimated Accession Volumes

The estimated accession volumes as outlined in the previous sections depend on the key parameters of equation 3. When irrigation began on the Lyrup floodplains in the mid–1890s, the volume of irrigation water applied was not measured and hence estimated using equation 1 for which the area irrigated was approximately known and the irrigation efficiency could only be inferred from historical knowledge. Hence, prior to irrigated area and volume of irrigation water applied was measured[2], there is a large error in the estimate of the parameters used in calculating accessions volumes. The confidence in the estimated accession volumes maybe larger than $\pm 20\%$. After the late 1970s there is more confidence in the estimated accession volumes as irrigation volumes applied were metered and irrigated area was known with increasing precision using crop surveys and GIS technology. Irrigation efficiency was largely estimated or inferred from the few actual measurements of it. The error associated with the accession volumes from 2000 onwards is probably less than $\pm 20\%$ and maybe as small as $\pm 10\%$.

The general principle in estimating drainage – that is accession volumes – beyond the rootzone of horticultural plantings is that it is driven by two quantities: irrigated area and irrigation water applied. Other factors such as irrigation efficiency and crops grown will modify the accession volumes but are an order of magnitude smaller than the 2 principal drivers. This is illustrated in plots of irrigated area, application volumes and accession volumes for individual districts in appendices A – H (Figures 4 – 11 on pages 13 – 20). In particular, Central

[2]Either from converting from pump hours and pump capacity or from meters

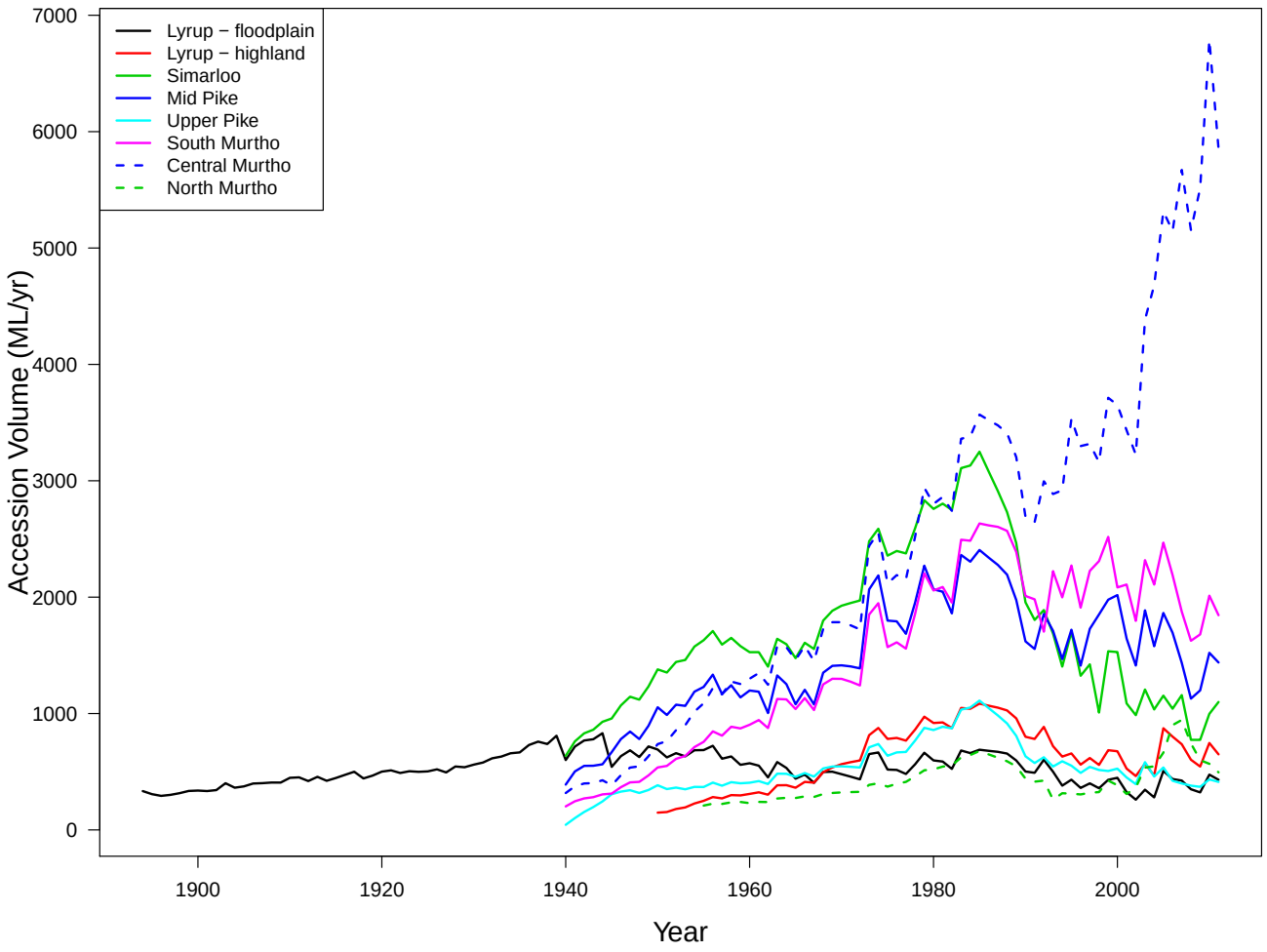

Figure 2: Annual accession volumes (ML) for each of the eight irrigation districts from the beginning of irrigation in each of the districts to 2011

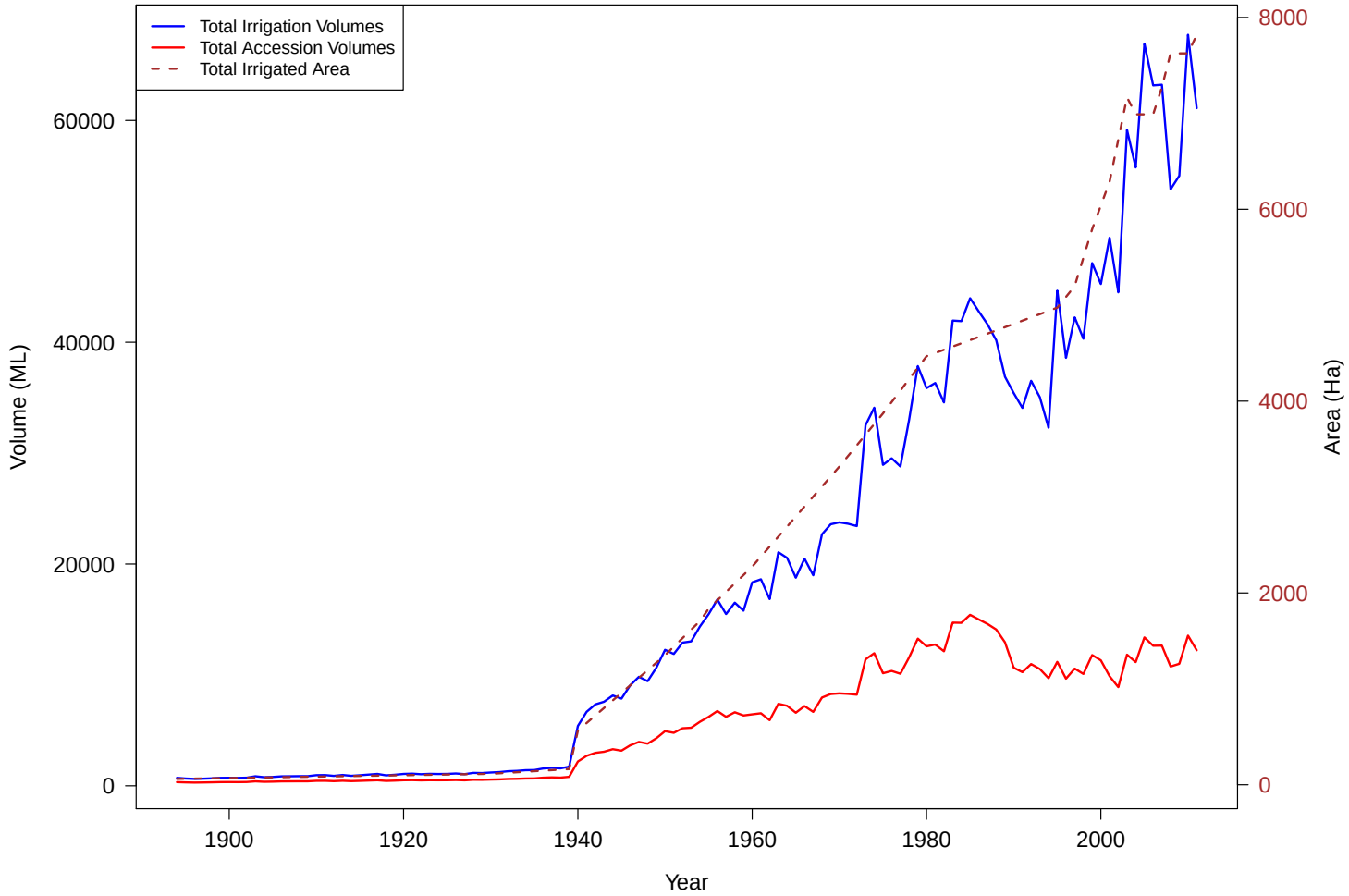

Figure 3: Annual values of (i) Total Irrigation Volumes (ML); (ii) Total Accession Volumes (ML); and (iii) Total Irrigated Area (ha) for the Lyrup and Pike – Mundic irrigation districts from 1894 – 2011

Murtho (Figure 10), the increase in application volumes mirrored the increase in irrigated area and was reflected in the resulting accession volumes despite increasing irrigation efficiency from 0.60 in 1940 to 0.80 in 2001. In contrast, Simarloo (see Figure 6 on page 15) irrigated area increased until the early 2000s and remained constant after that while the application volumes declined significantly after the early 1980s with a consequent drop in accession volumes. The decline in application volumes was likely due to improved management practices particularly in irrigation management with soil moisture monitoring one of the practices adopted by the farm manager.

Rising water tables was a factor that prompted irrigators in the Pike district to ask for assistance from Departments of Primary Industries and Environment and Natural Resources and SAWater for a drainage disposal scheme. Irrigators disposed of excess drainage through drainage bores into the Blanchetown clay. However, the scheme was not funded and managers altered their practices in response.

6 Bibliography

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Middlemis, H., Georgiou, J & Richardson, S (2005) Pike River and Murtho Concept Design for Salt Interception Schemes, Groundwater Model. Report prepared by Resource & Environmental Management for the Department of Water Land and Biodiversity Conservation, August 2005

Appendix A Excel® Spreadsheets

The template containing the district worksheets of calculations to estimate water draining beyond the rootzone is the file *Irrigation drainage.xlsx*. Also attached is the file *rainfall.xlsx* containing the rainfall data. The worksheet *Imputed* was used for the rainfall data for each of the districts in the calculation template.

Appendix B Lyrup - floodplain

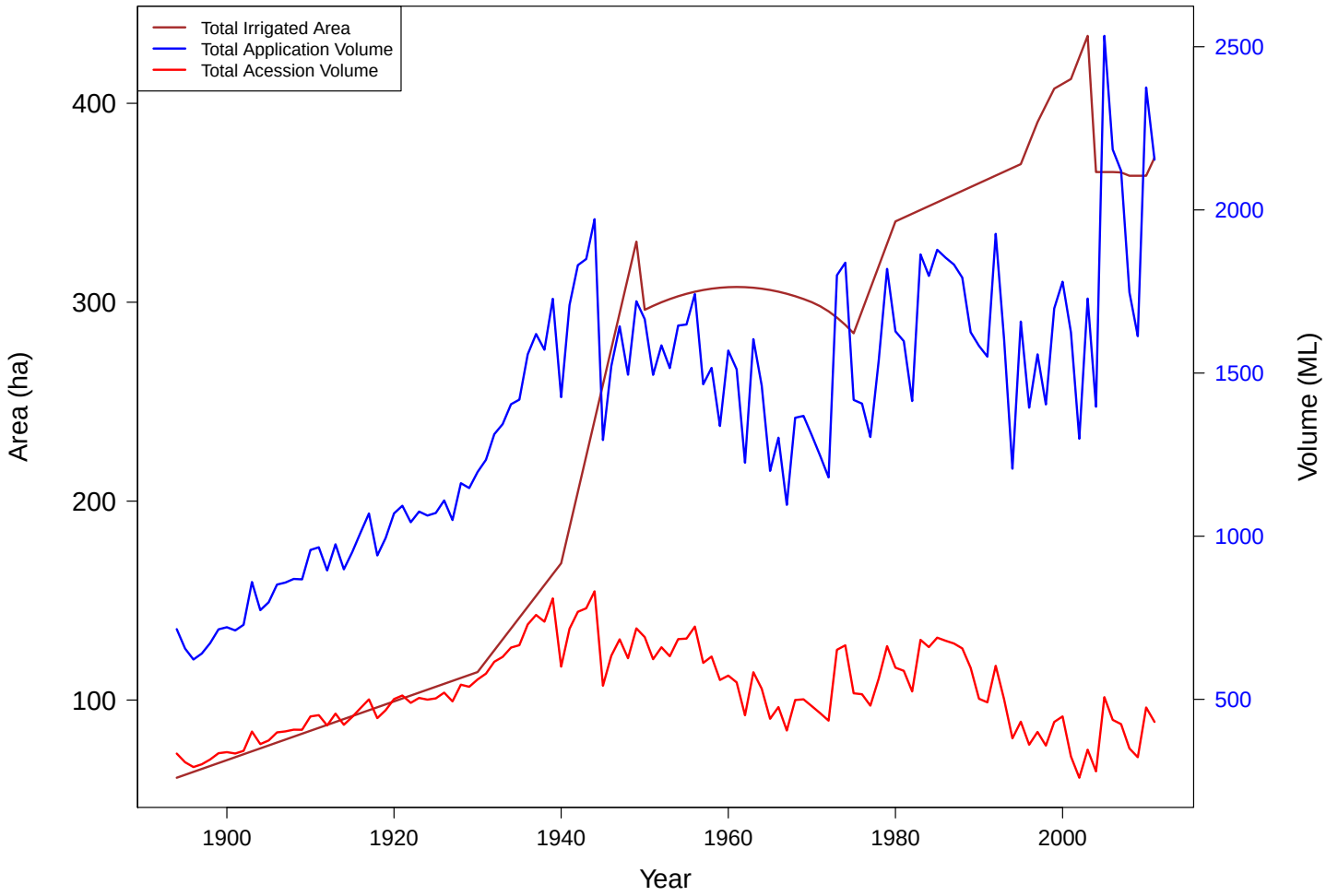

Figure 4: Lyrup floodplain irrigated area (ha), total application volume (pumped volumes + rainfall) (ML) and accession volumes (ML) for each year from start of irrigation in 1894 until 2011

Appendix C Lyrup - highland

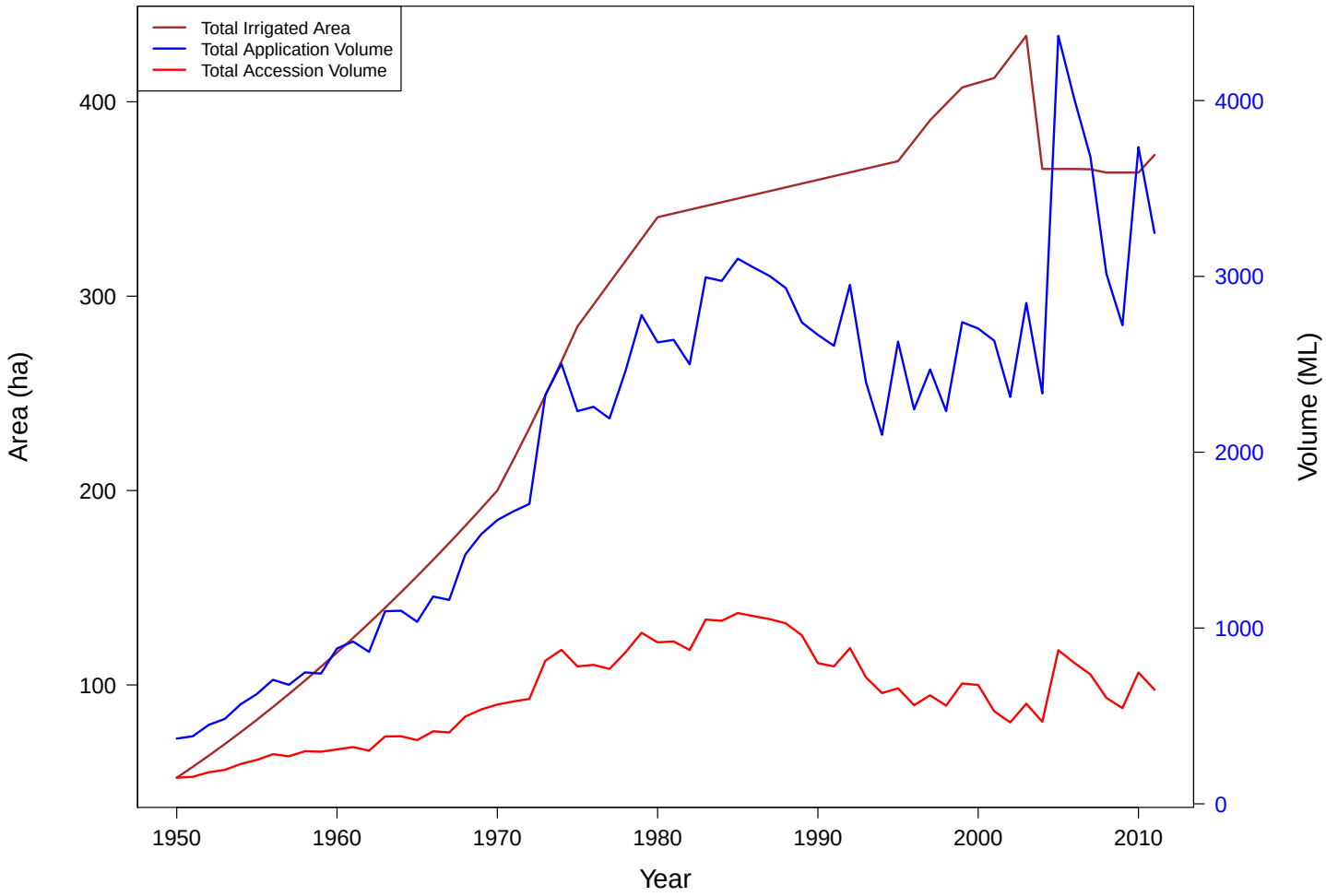

Figure 5: Lyrup highland irrigated area (ha), total application volumes (pumped volumes + rainfall) (ML) and total accession volume (ML) for each year from start of irrigation in 1950 until 2011

Appendix D Simarloo

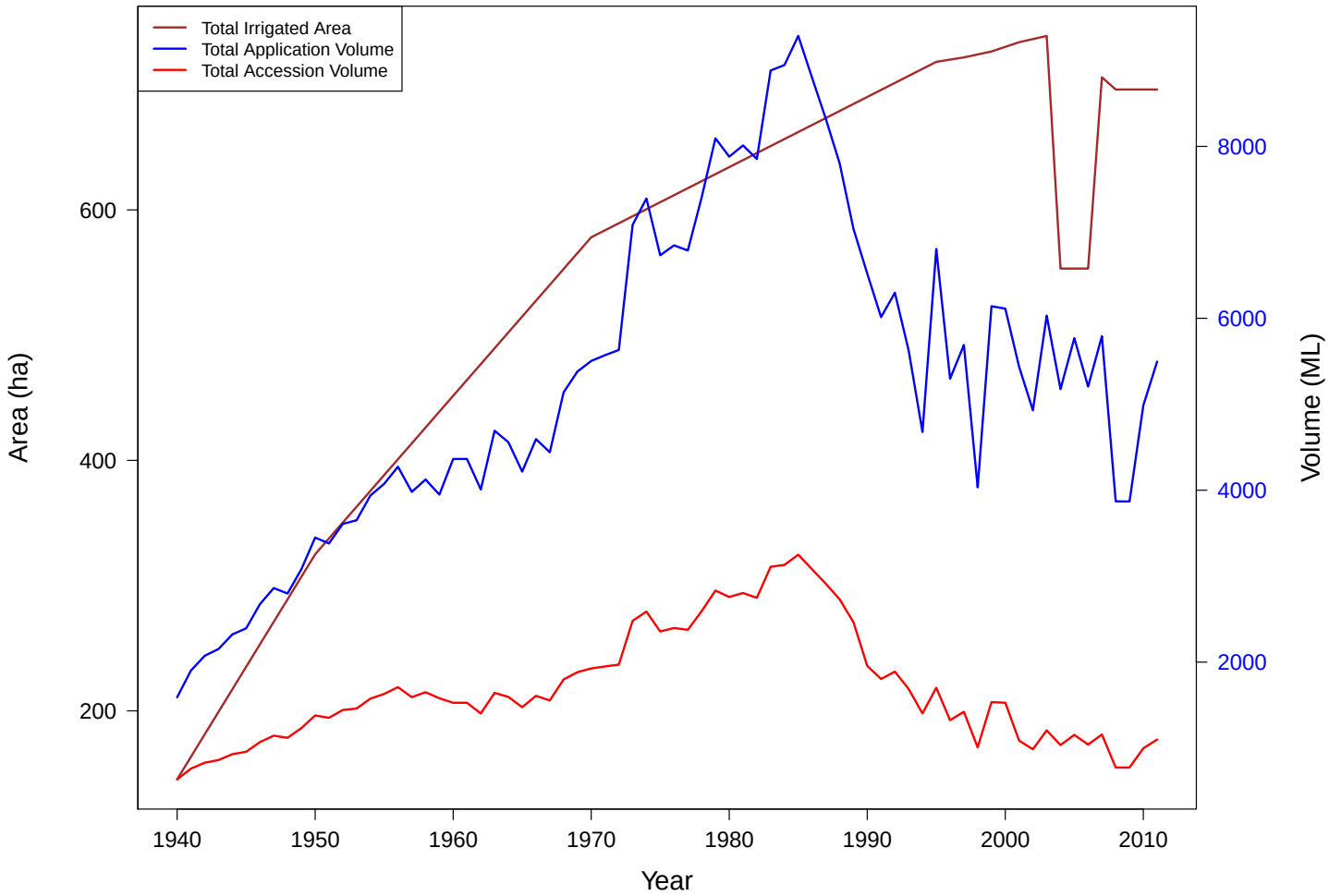

Figure 6: Simarloo irrigated area (ha), total application volume (pumped volumes + rainfall) (ML) and accession rates (ML) for each year from start of irrigation in 1940 until 2011

Appendix E Mid Pike

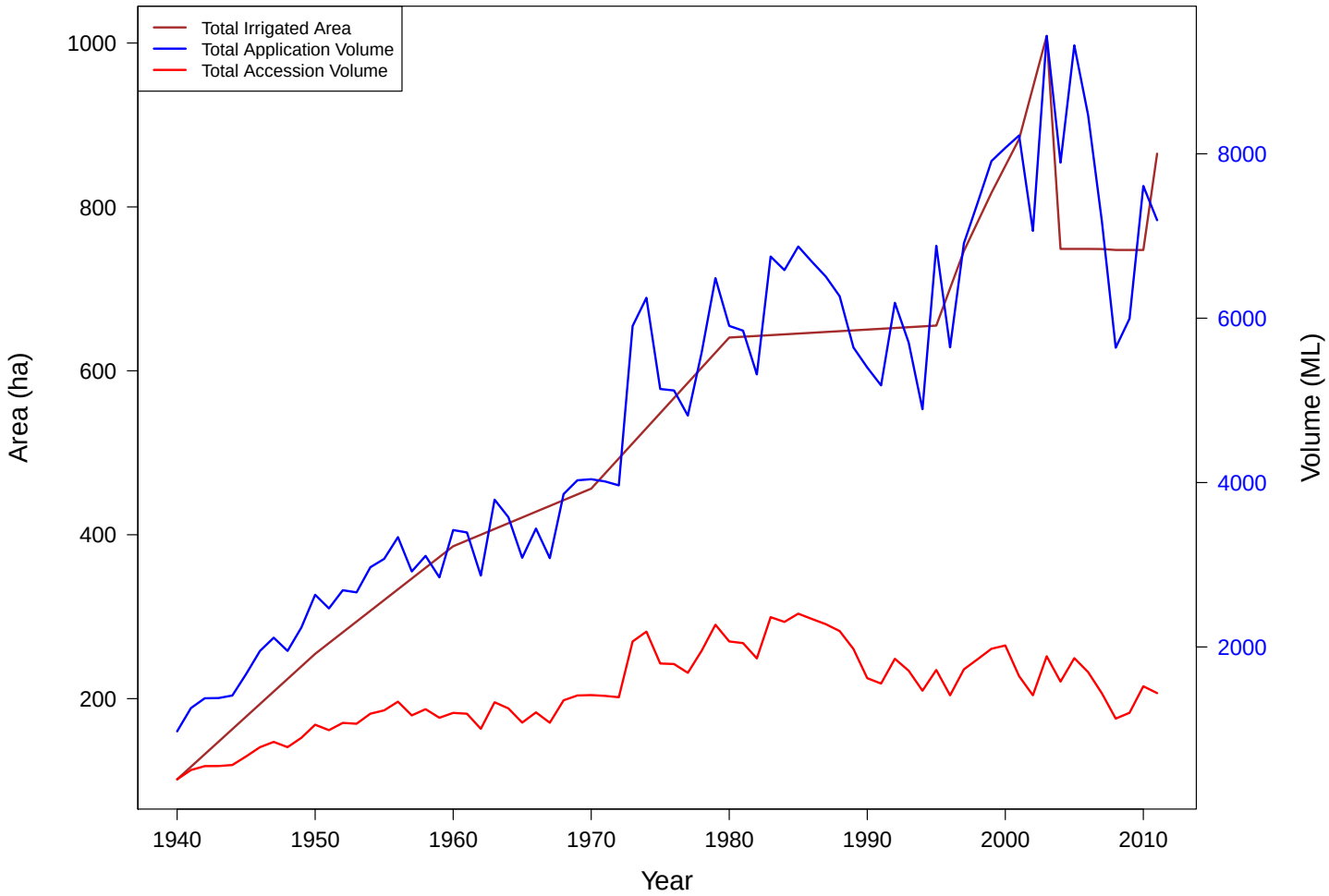

Figure 7: Mid Pike irrigated area (ha), total application volume (pumped volumes + rainfall) (ML) and accession volume (ML) for each year from start of irrigation in 1940 until 2011

Appendix F Upper Pike

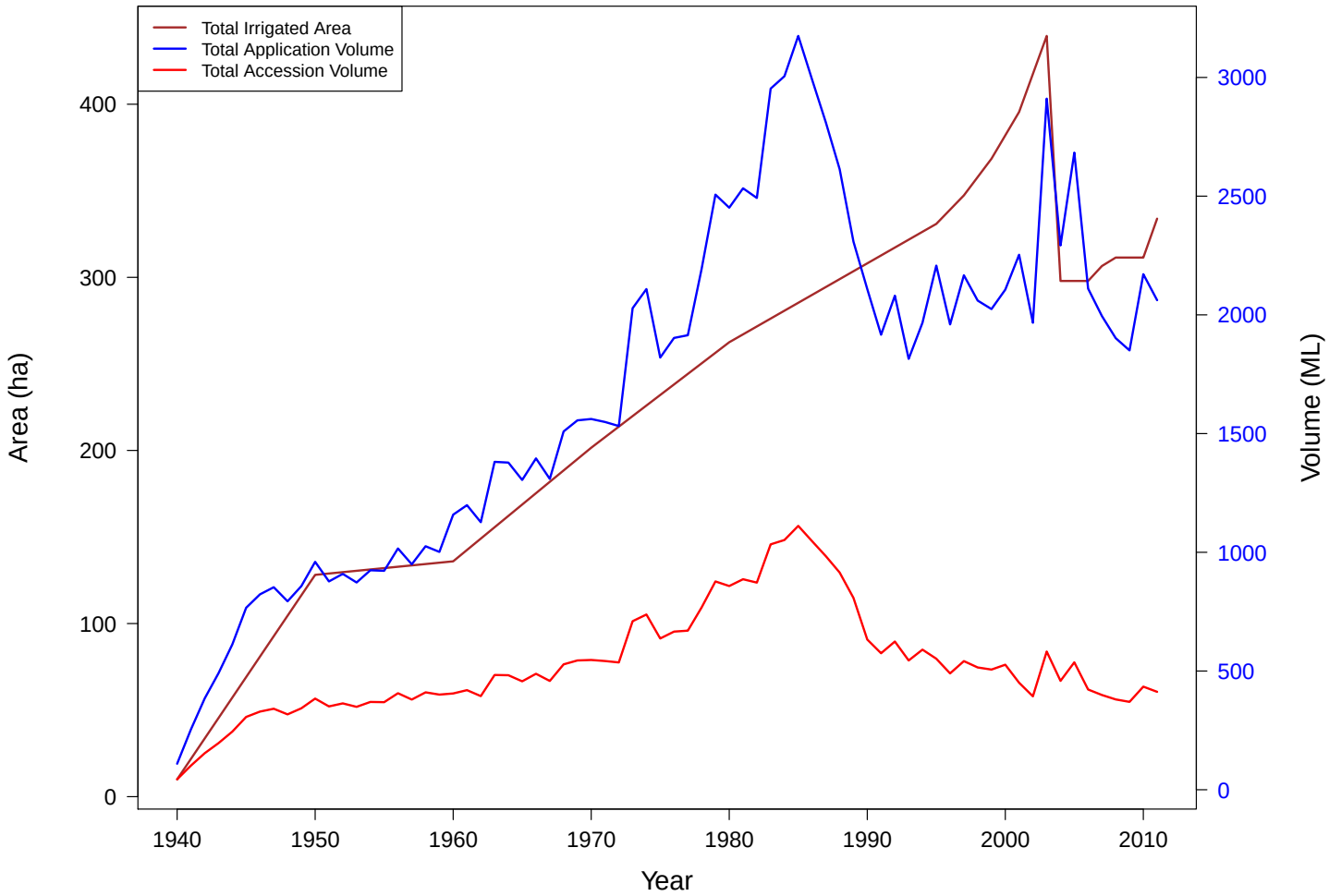

Figure 8: Upper Pike irrigated area (ha), total application volume (pumped volumes + rainfall) (ML) and accession volume (ML) for each year from start of irrigation in 1940 until 2011

Appendix G South Murtho

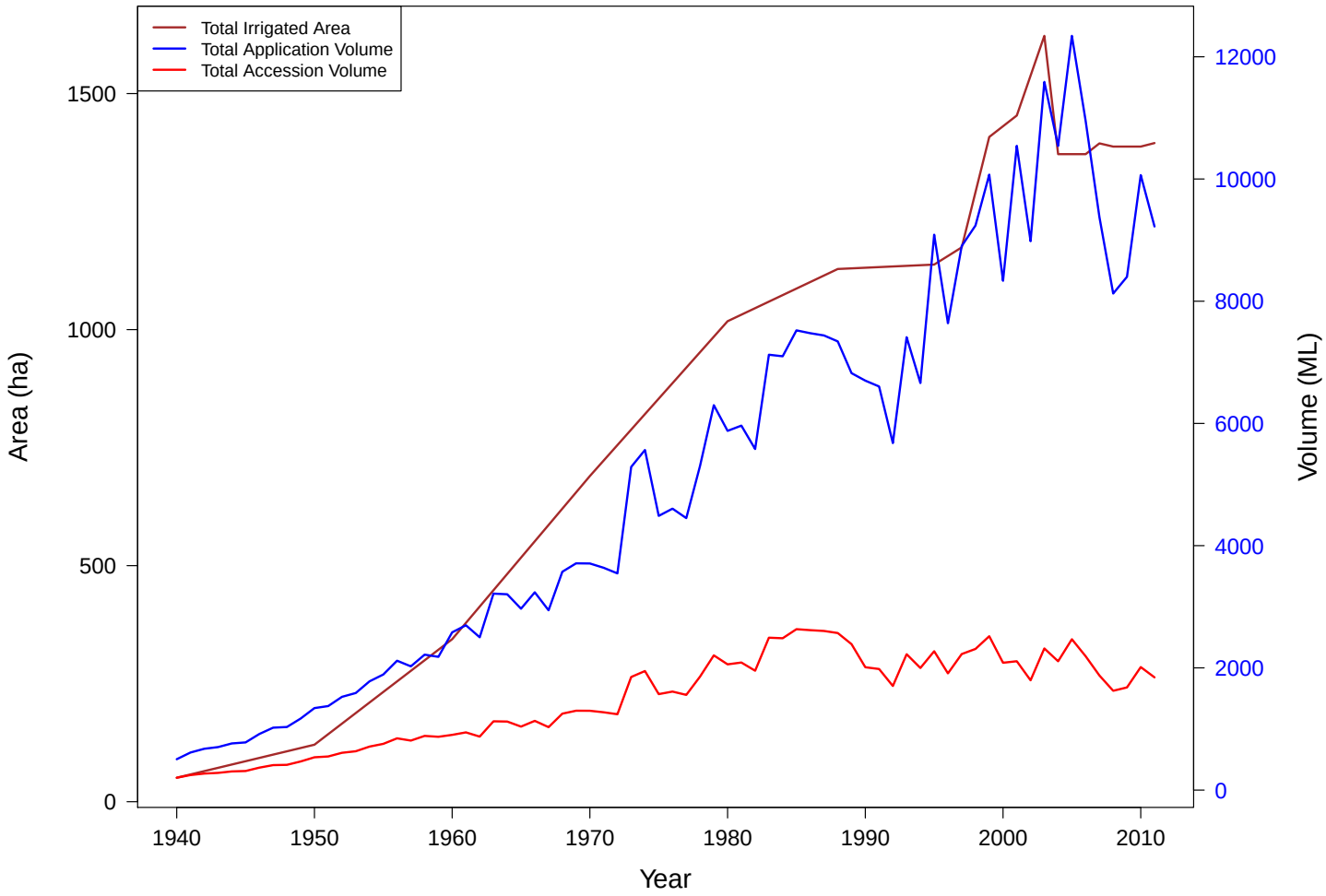

Figure 9: South Murtho irrigated area (ha), total application volume (pumped volumes + rainfall) (ML) and accession volume (ML) for each year from start of irrigation in 1940 until 2011

Appendix H Central Murtho

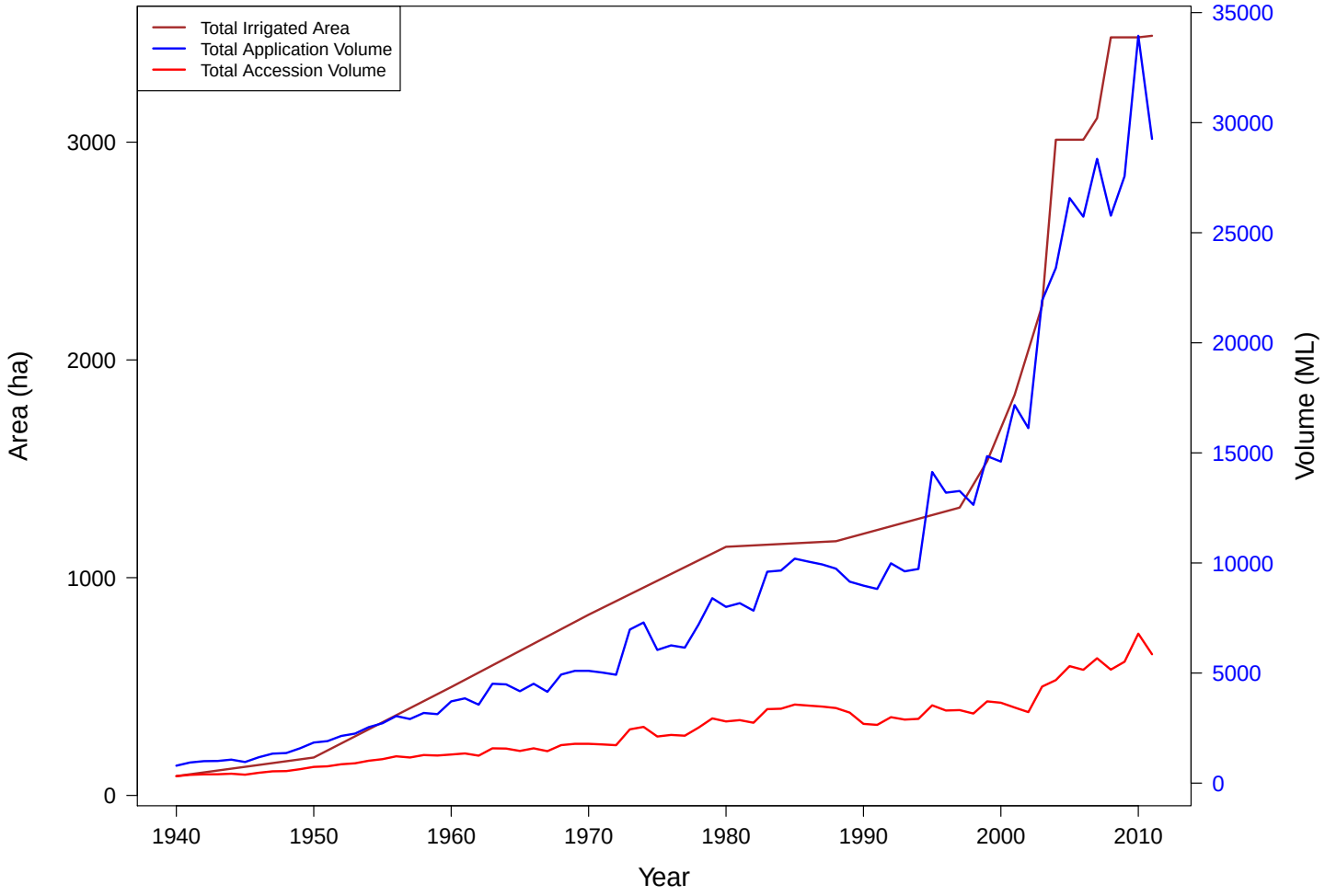

Figure 10: Central Murtho irrigated area (ha), total application volume (pumped volumes + rainfall) (ML) and accession volume (ML) for each year from start of irrigation in 1940 until 2011

Appendix I North Murtho

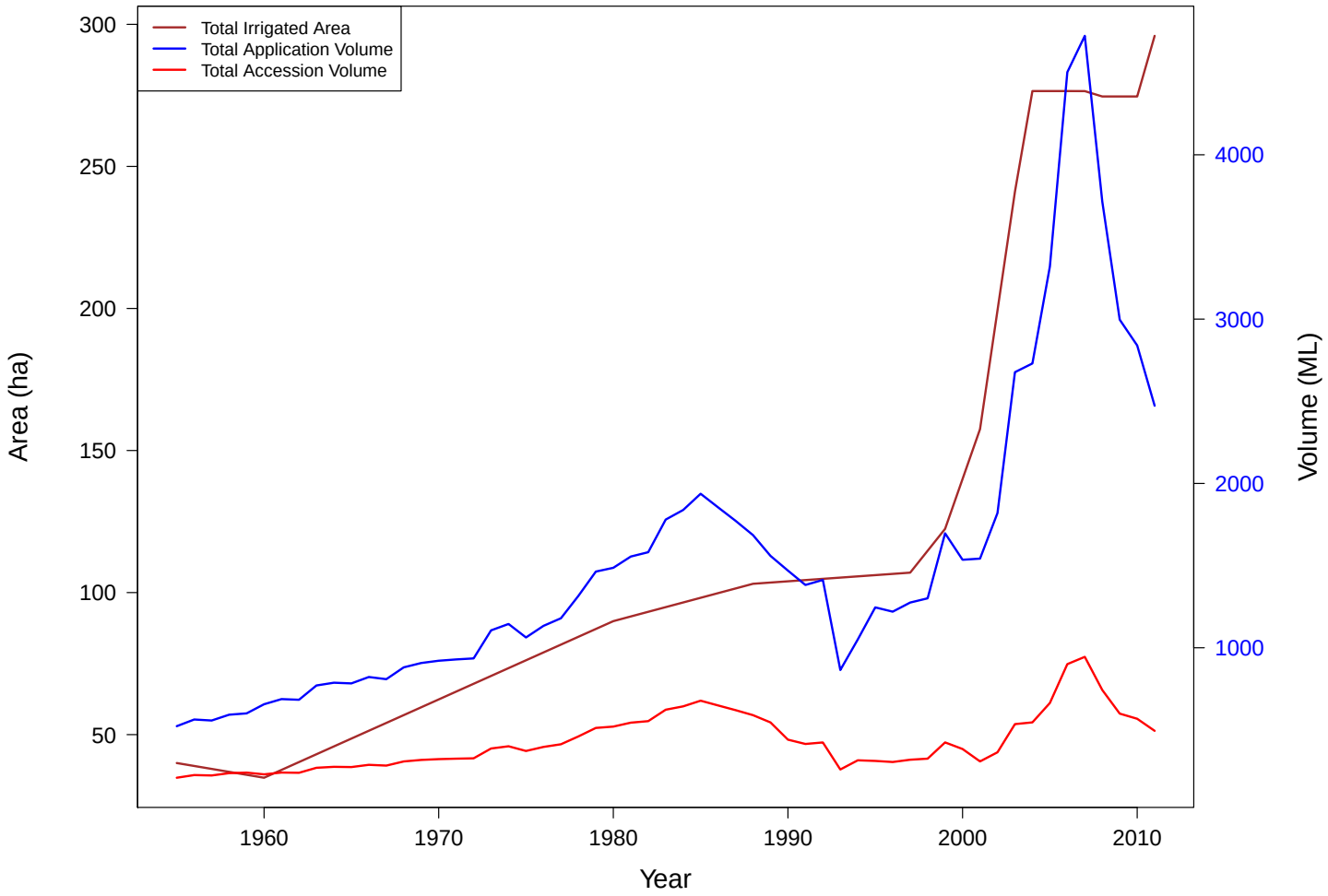

Figure 11: North Murtho irrigated area (ha), total application volume (pumped volumes + rainfall) (ML) and accession volume (ML) for each year from start of irrigation in 1950 until 2011

C. SUPPLEMENTARY REPORTS AND ANALYSES

C-2 FOLDER ARCHIVING STRUCTURE AND MODEL FILE NAMES

- Pike_Murtho_Salinity_Register_Modelling_2013_2014
  - Correspondence
    - Contracts
    - Emails
    - Meetings
    - Project management
  - Data
    - GIS
    - Hydrogeology
    - Model_Layer_Elevations
    - Observed_Groundwater_Levels
    - Production_Bore_Extractions
    - Recharge_and_Discharge
    - Salinity_and_Chemistry
    - Surface_Water
  - Model_Files
    - Calibration
      - Models_comparison
      - Steady State
      - Transient
    - Predictions
      - 2006 results
      - 2014 results
      - S2
      - S3A
      - S3C
      - S4
      - S5
      - S7A
      - S7B
      - S7C
    - Sensitivity
      - Bookpurnong_Kv
      - ET
      - Extinction_Depth
      - Loxton_Sands_Kh
      - Loxton_Sands_Sy
      - Monoman_Formation_Kh
      - Riverbed_Conductance
      - Sensitivity_results
    - Uncertainty
      - Test_Mallee_clearance
      - Test_RCH_Lagtime
      - Test_Renmark_CHD
      - Test_River_level75_DR
  - Reporting
    - Appendices
    - Draft_Reports
    - Figures
    - Final_Report
    - Presentations
    - Publication and approval
    - References
    - Reviews
  - Tools
    - Drain_Buddy
    - Solver
    - ZONEBUDDY

Model	File Name
Historical calibrated model	PM2014_TR
Scenario 2	PM2014_S2
Scenario 3A	PM2014_S3A
Scenario 3C	PM2014_S3C
Scenario 4	PM2014_S4
Scenario 5	PM2014_S5
Scenario 7A	PM2014_S7A
Scenario 7B	PM2014_S7B
Scenario 7C	PM2014_S7C

C-2. Folder archiving structure (left) and model file name (right)

Government of South Australia
Department of Environment,
Water and Natural Resources