DWLBC Technical Report

Morgan to Wellington Numerical Groundwater Model 2009 (Volume 2 - Appendices)

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Department of Water, Land and Biodiversity Conservation

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Morgan to Wellington numerical groundwater model 2009

Volume 2 — Appendices

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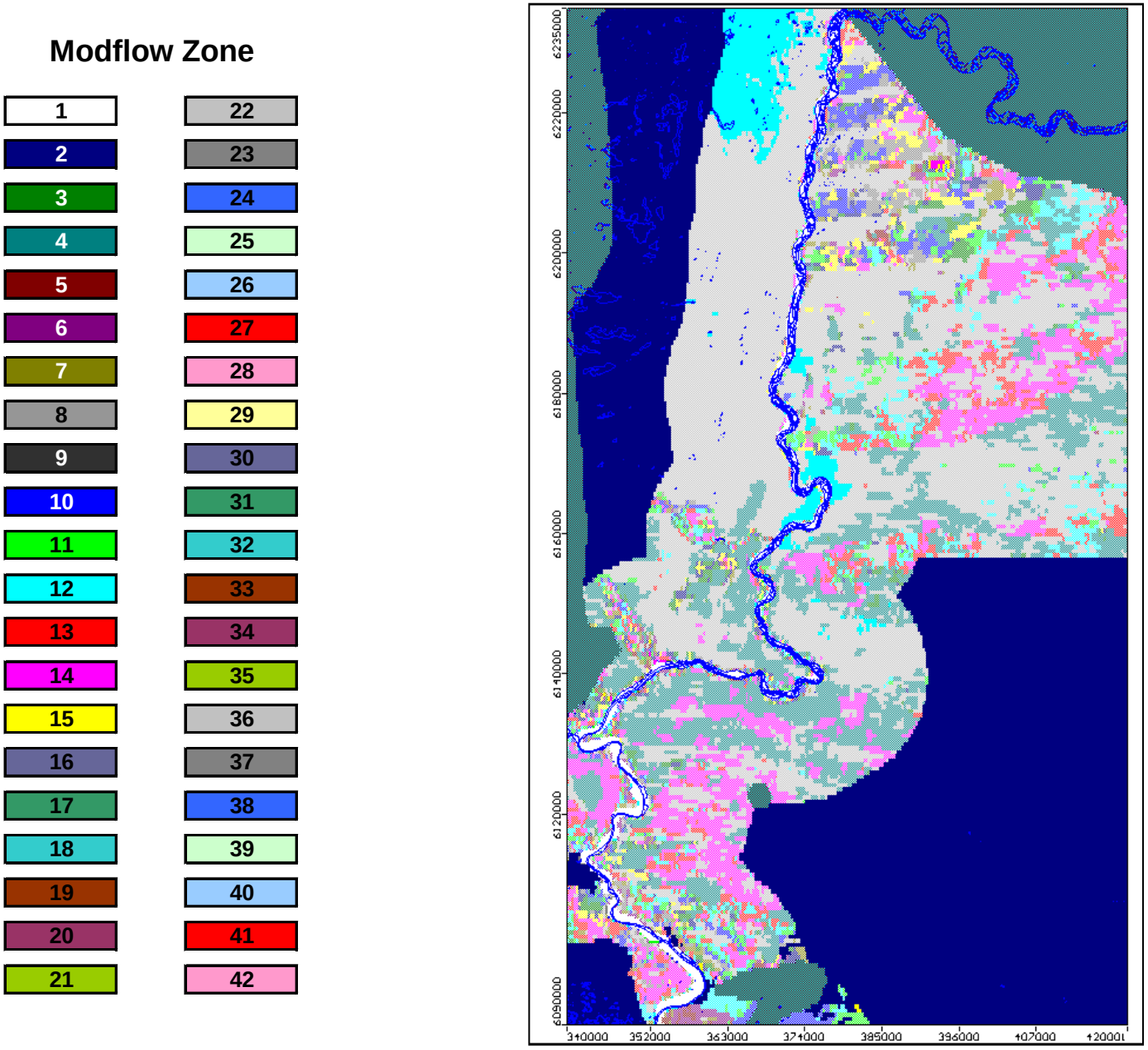


A-1. Mallee Clearance recharge zones applied in the Morgan to Wellington Area (42 zones)

MODFLOW Recharge Zone				Z1	Z2	Z3	Z4	Z5	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	Z17	Z18	Z19	Z20	Z21	Z22
Start (Year)	Stop (Year)	Start (day)	Stop (day)																						
1920	1930	*0*	*3653*	0.07	0.07	0.30	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	1.69	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1930	1940	*3653*	*7305*	0.07	0.07	0.30	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	1.69	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1950	1960	*7305*	*14610*	0.07	0.07	0.65	0.13	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	2.86	0.66	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1960	1970	*14610*	*18263*	0.07	0.07	0.67	0.44	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	2.94	2.56	0.10	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1970	1980	*18263*	*21915*	0.07	0.11	0.67	0.69	0.19	0.09	0.07	0.07	0.07	0.07	0.07	0.07	2.94	3.71	0.81	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1980	1990	*21915*	*25567*	0.07	0.19	0.67	0.73	0.44	0.17	0.07	0.07	0.07	0.07	0.07	0.07	2.94	4.00	2.41	0.18	0.07	0.07	0.07	0.07	0.07	0.07
1990	2000	*25567*	*29220*	0.07	0.21	0.67	0.74	0.59	0.31	0.07	0.07	0.07	0.07	0.07	0.07	2.94	4.02	3.56	0.89	0.11	0.07	0.07	0.07	0.07	0.07
2000	2010	*29220*	*32872*	0.07	0.22	0.67	0.74	0.63	0.48	0.11	0.07	0.07	0.07	0.07	0.07	2.94	4.02	3.92	2.22	0.45	0.08	0.07	0.07	0.07	0.07
2010	2020	*32872*	*36525*	0.07	0.22	0.67	0.74	0.64	0.59	0.24	0.08	0.07	0.07	0.07	0.07	2.94	4.02	3.98	3.29	1.31	0.15	0.07	0.07	0.07	0.07
2020	2030	*36525*	*40177*	0.07	0.22	0.67	0.74	0.64	0.63	0.43	0.13	0.07	0.07	0.07	0.07	2.94	4.02	3.99	3.75	2.36	0.48	0.11	0.07	0.07	0.07
2030	2040	*40177*	*43830*	0.07	0.22	0.67	0.74	0.64	0.65	0.58	0.24	0.09	0.07	0.07	0.07	2.94	4.02	3.99	3.87	3.15	1.17	0.26	0.08	0.07	0.07
2040	2050	*43830*	*47482*	0.07	0.22	0.67	0.74	0.64	0.65	0.67	0.37	0.13	0.08	0.07	0.07	2.94	4.02	3.99	3.89	3.55	2.07	0.66	0.15	0.08	0.07
2050	2060	*47482*	*51135*	0.07	0.25	0.67	0.74	0.64	0.65	0.70	0.48	0.20	0.10	0.07	0.07	2.94	4.02	3.99	3.90	3.71	2.88	1.32	0.35	0.12	0.07
2060	2070	*51135*	*54787*	0.07	0.31	0.67	0.74	0.64	0.65	0.71	0.55	0.29	0.15	0.09	0.07	2.94	4.02	3.99	3.90	3.76	3.40	2.08	0.74	0.24	0.07
2070	2080	*54787*	*58440*	0.07	0.43	0.67	0.74	0.64	0.65	0.71	0.58	0.36	0.21	0.11	0.07	2.94	4.02	3.99	3.90	3.77	3.68	2.73	1.30	0.51	0.07
2080	2090	*58440*	*62092*	0.07	0.62	0.67	0.74	0.64	0.65	0.71	0.59	0.42	0.27	0.15	0.07	2.94	4.02	3.99	3.90	3.77	3.79	3.17	1.90	0.96	0.08
2090	2100	*62092*	*65745*	0.07	0.89	0.67	0.74	0.64	0.65	0.71	0.59	0.45	0.33	0.20	0.07	2.94	4.02	3.99	3.90	3.77	3.83	3.42	2.42	1.54	0.09
2100	2109	*65745*	*69032*	0.07	1.23	0.67	0.74	0.64	0.65	0.71	0.60	0.46	0.36	0.25	0.08	2.94	4.02	3.99	3.90	3.77	3.85	3.54	2.81	2.14	0.11
2109	2110	*69032*	*69397*	0.07	1.63	0.67	0.74	0.64	0.65	0.71	0.60	0.47	0.39	0.29	0.08	2.94	4.02	3.99	3.90	3.77	3.85	3.59	3.05	2.67	0.13

A-1. Mallee Clearance recharge rates in mm/yr (Scenario 2)

MODFLOW Recharge Zone				Z23	Z24	Z25	Z26	Z27	Z28	Z29	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z40	Z41	Z42
Start (Year)	Stop (Year)	Start (day)	Stop (day)																				
1920	1930	*0*	*3653*	3.18	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	4.77	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1930	1940	*3653*	*7305*	3.18	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	4.77	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1950	1960	*7305*	*14610*	6.99	0.56	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	27.69	13.92	0.15	0.08	0.07	0.07	0.07	0.07	0.07	0.07
1960	1970	*14610*	*18263*	7.44	4.20	0.10	0.07	0.07	0.07	0.07	0.07	0.07	0.07	28.81	20.08	2.83	0.09	0.07	0.07	0.07	0.07	0.07	0.07
1970	1980	*18263*	*21915*	7.44	6.07	1.13	0.07	0.07	0.07	0.07	0.07	0.08	0.07	28.81	20.89	9.77	0.56	0.08	0.07	0.07	0.07	0.07	0.07
1980	1990	*21915*	*25567*	7.44	6.32	3.73	0.27	0.07	0.07	0.07	0.07	0.08	0.07	28.81	20.93	14.73	3.56	0.18	0.07	0.07	0.07	0.07	0.07
1990	2000	*25567*	*29220*	7.44	6.33	5.74	1.53	0.12	0.07	0.07	0.07	0.08	0.07	28.81	20.93	16.28	9.03	1.08	0.11	0.07	0.07	0.07	0.07
2000	2010	*29220*	*32872*	7.44	6.33	6.42	3.86	0.59	0.09	0.07	0.07	0.08	0.07	28.81	20.93	16.53	13.46	3.90	0.50	0.08	0.07	0.07	0.07
2010	2020	*32872*	*36525*	7.44	6.33	6.53	5.74	2.08	0.31	0.08	0.07	0.08	0.07	28.81	20.93	16.55	15.43	8.00	1.99	0.21	0.08	0.07	0.07
2020	2030	*36525*	*40177*	7.44	6.33	6.54	6.58	4.31	1.16	0.15	0.07	0.08	0.07	28.81	20.93	16.56	15.99	11.44	4.86	0.82	0.13	0.07	0.07
2030	2040	*40177*	*43830*	7.44	6.33	6.54	6.81	6.23	2.83	0.50	0.11	0.08	0.07	28.81	20.93	16.56	16.11	13.34	8.18	2.35	0.40	0.10	0.07
2040	2050	*43830*	*47482*	7.44	6.33	6.54	6.86	7.31	4.79	1.40	0.26	0.09	0.07	28.81	20.93	16.56	16.13	14.10	10.81	4.85	1.20	0.24	0.08
2050	2060	*47482*	*51135*	7.44	6.33	6.54	6.87	7.76	6.35	2.84	0.72	0.16	0.07	28.81	20.93	16.56	16.13	14.34	12.35	7.68	2.79	0.67	0.11
2060	2070	*51135*	*54787*	7.44	6.33	6.54	6.87	7.90	7.28	4.47	1.60	0.40	0.08	28.81	20.93	16.56	16.13	14.40	13.08	10.13	5.05	1.64	0.22
2070	2080	*54787*	*58440*	7.44	6.33	6.54	6.87	7.94	7.71	5.85	2.84	0.93	0.10	28.81	20.93	16.56	16.13	14.41	13.36	11.80	7.50	3.25	0.51
2080	2090	*58440*	*62092*	7.44	6.33	6.54	6.87	7.95	7.88	6.79	4.17	1.81	0.17	28.81	20.93	16.56	16.13	14.42	13.46	12.76	9.65	5.32	1.05
2090	2100	*62092*	*65745*	7.44	6.33	6.54	6.87	7.95	7.94	7.32	5.34	2.94	0.30	28.81	20.93	16.56	16.13	14.42	13.49	13.24	11.22	7.51	1.89
2100	2109	*65745*	*69032*	7.44	6.33	6.54	6.87	7.95	7.96	7.58	6.18	4.15	0.50	28.81	20.93	16.56	16.13	14.42	13.49	13.44	12.20	9.46	2.99
2109	2110	*69032*	*69397*	7.44	6.33	6.54	6.87	7.95	7.96	7.69	6.71	5.22	0.80	28.81	20.93	16.56	16.13	14.42	13.49	13.44	12.20	9.46	2.99

A-1. Mallee Clearance recharge rates in mm/yr (Scenario 2)

A-2. MODEL INPUT – MORGAN TO WELLINGTON AREA

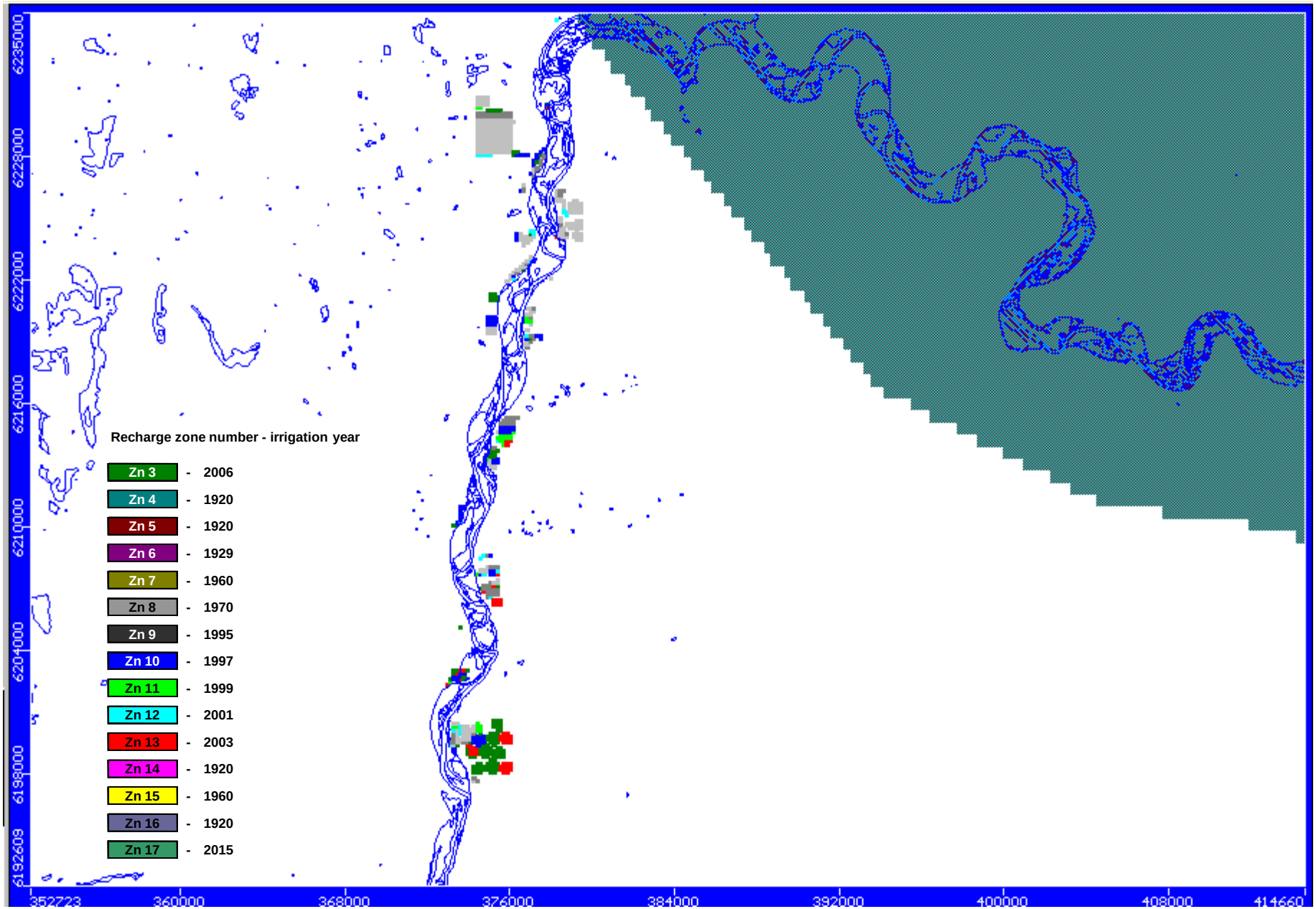
- Model scenario conditions
- Model recharge zones
- Model recharge rates (mm/y)
- Irrigation start year and lag time
- Total model recharge volume

(Scenarios - 3A, 3B, 3C, 4 and 5)

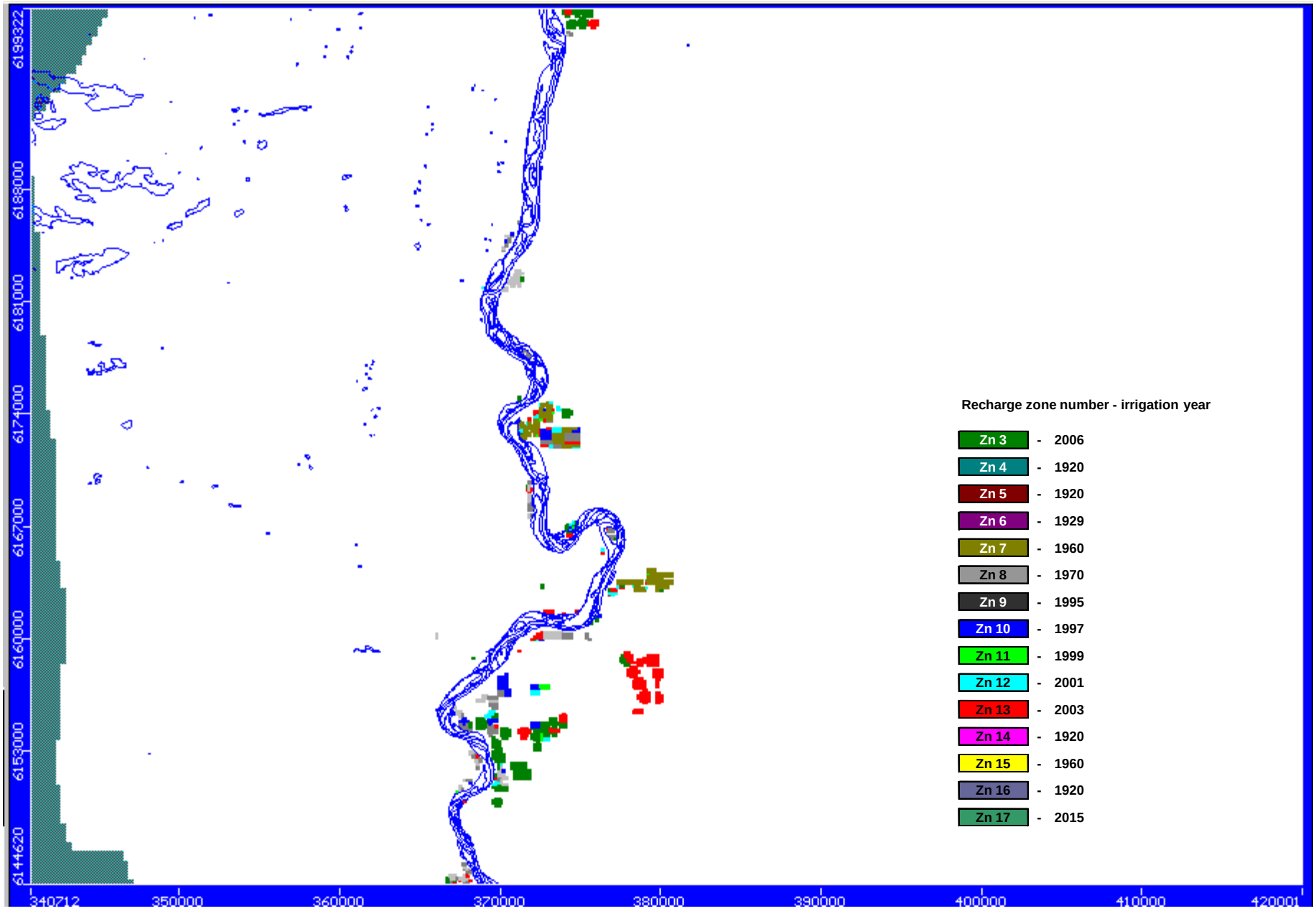
Scenario	Name	Model Run	Irrigation development area	IIP[1]	RH[2]	SIS[3]
S-1	Natural system	Steady State	None	-	-	-
S-2	Mallee clearance	1920-2109	None (but includes Mallee clearance area)	-	-	-
S-3A	Pre-1988, no IIP, no RH	1988-2109	Pre-1988	No	No	-
S-3B	Pre-1988, with IIP, no RH	1988-2109	Pre-1988	Yes	No	-
S-3C	Pre-1988, with IIP and RH	1988-2109	Pre-1988	Yes	Yes	-
S-4	Current irrigation	2009-2109	Pre-1988 + Post-1988	Yes	Yes	No
S-5	Current plus future irrigation	2009-2109	Pre-1988 + Post-1988 + Future development	Yes	Yes	No

Note: 1 Improved Irrigation practices, 2 Rehabilitation, 3 Salt Interception Scheme (see Glossary for definitions)

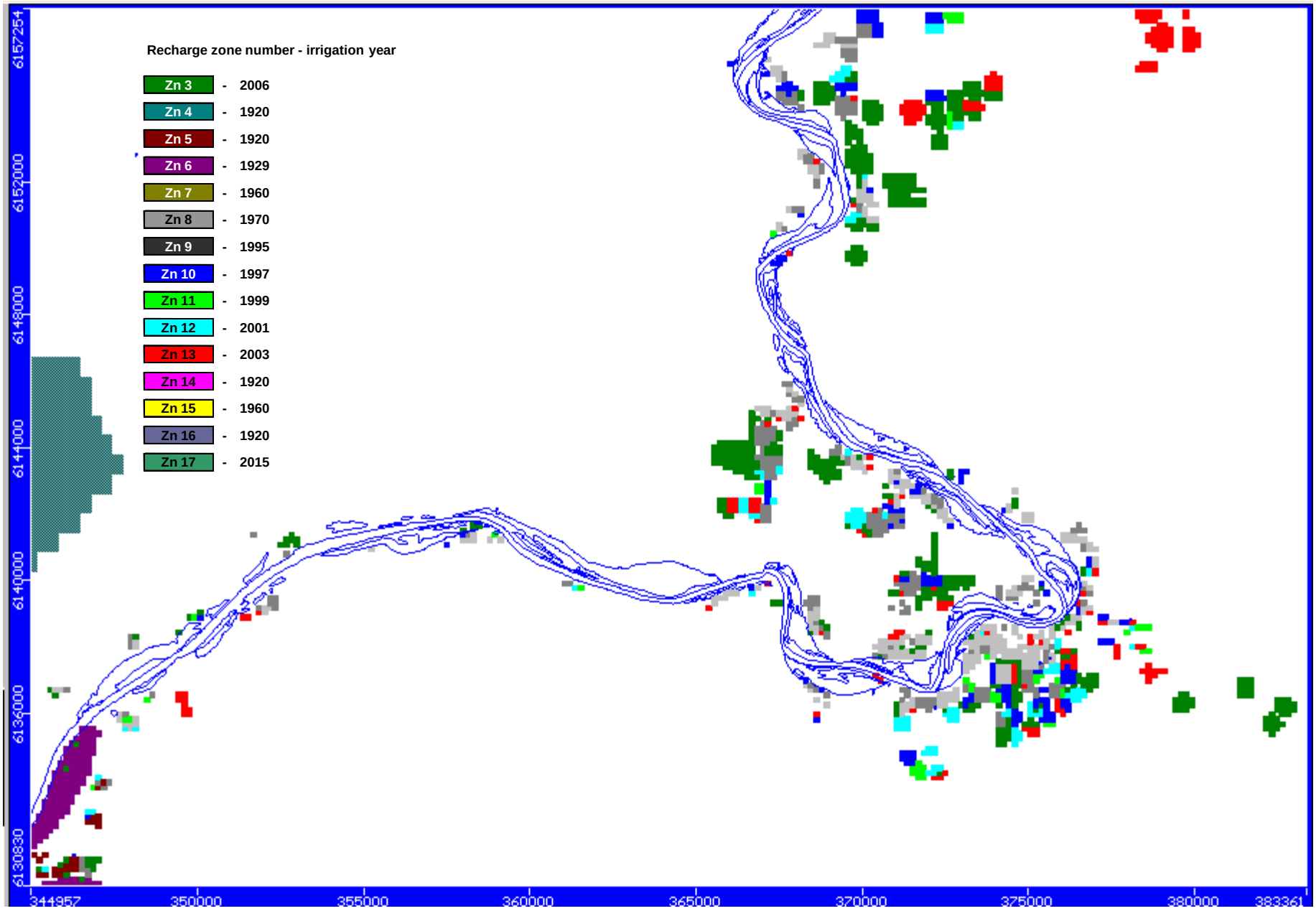
A-2. Model Scenario conditions



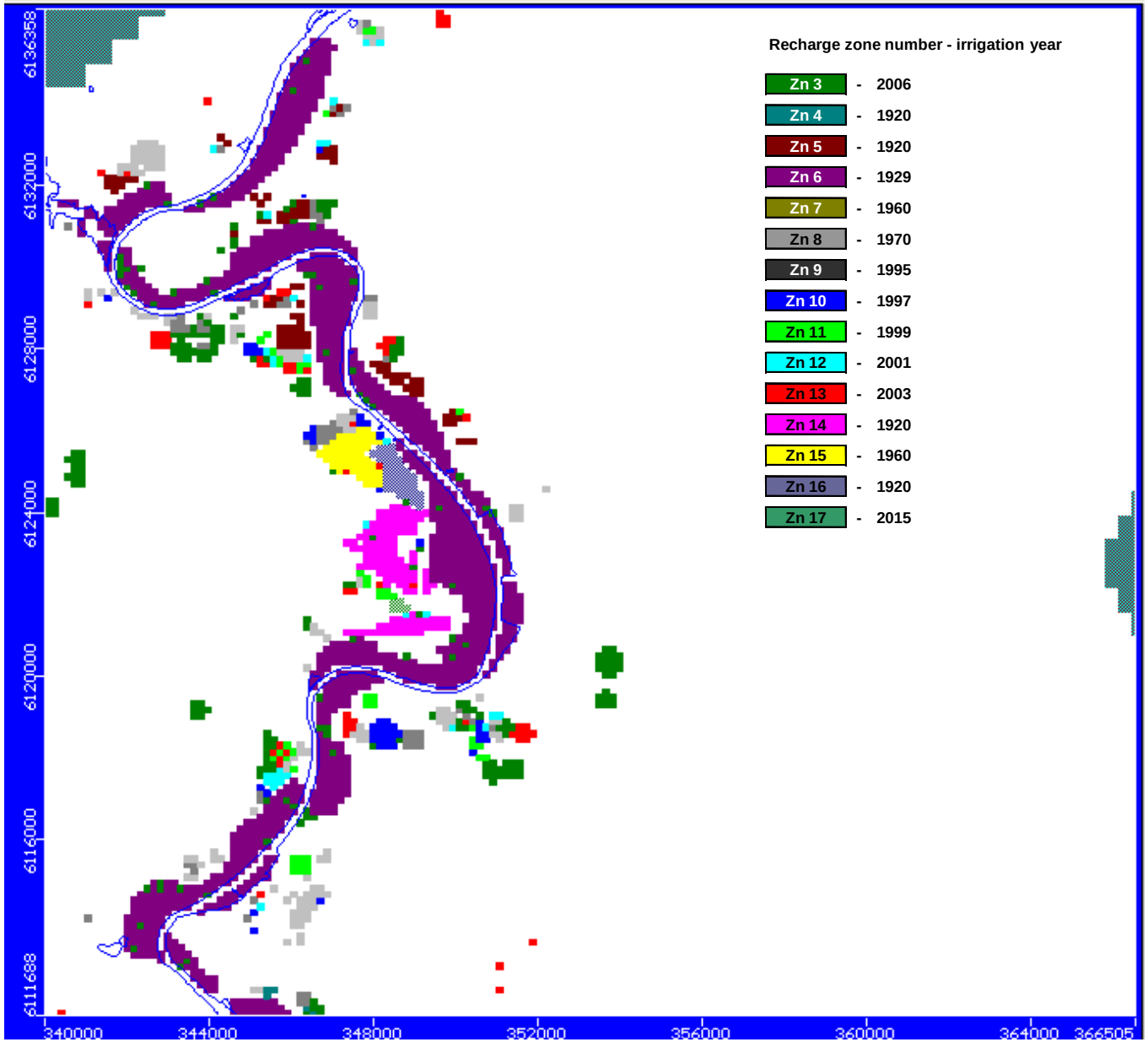
A-2(S3A). Model recharge zones in the Morgan to Lock 1 reach (Scenario 3A, 3B, 3C, 4 and 5)



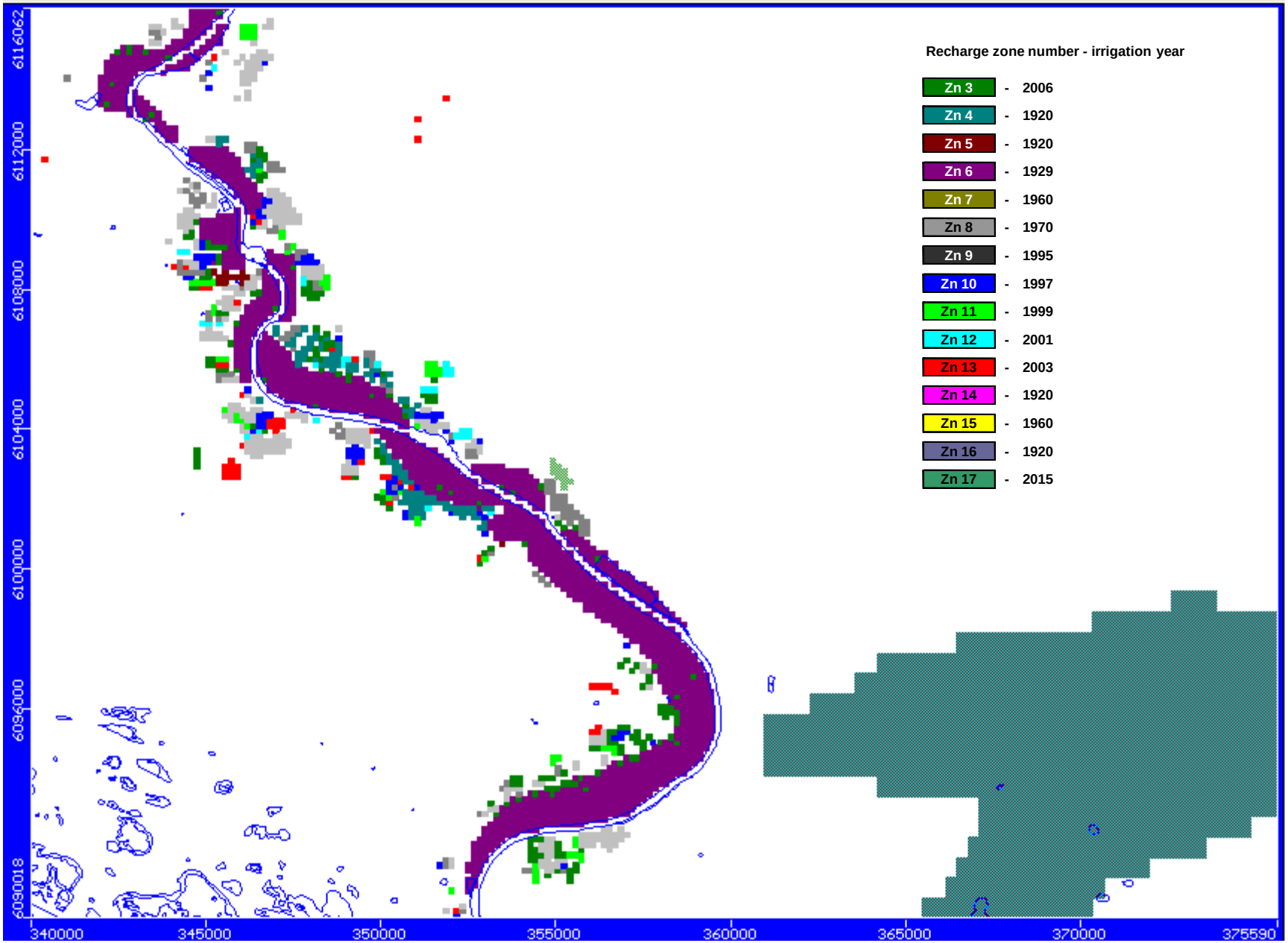
A-2(S3A). Model recharge zones in the Lock 1 to Upper Mannum reach (Scenario 3A, 3B, 3C, 4 and 5)



A-2(S3A). Model recharge zones in the Upper Mannum to Mannum reach (Scenario 3A, 3B, 3C, 4 and 5)



A-2(S3A). Model recharge zones in the Mannum to Murray Bridge reach (Scenario 3A, 3B, 3C, 4 and 5)



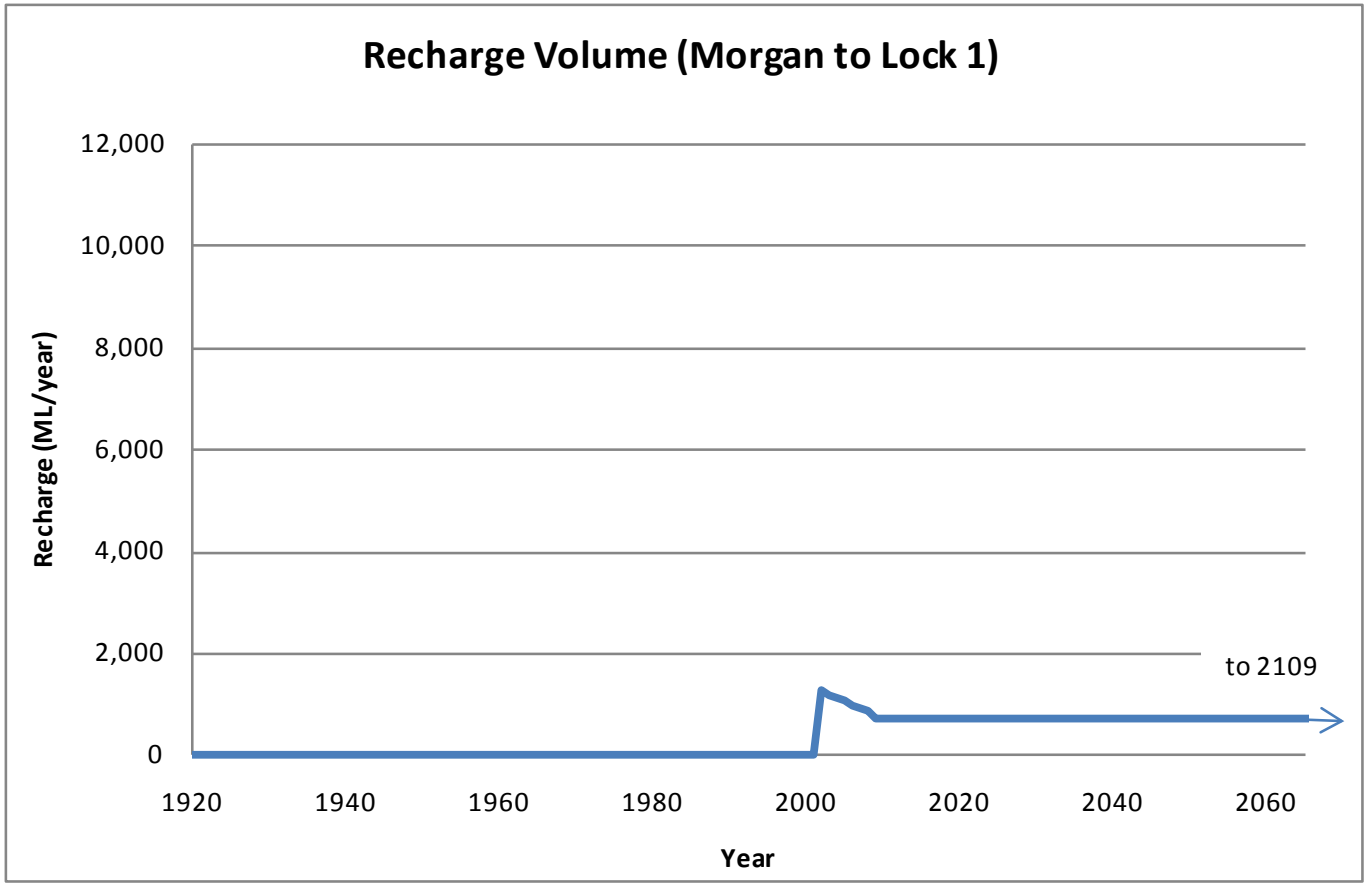
A-2(S3A). Model recharge zones in the Murray Bridge to Wellington reach (Scenario 3A, 3B, 3C, 4 and 5)

						Pre 88 Irrigation						Post 88 Irrigation					Future Dev.
Irrigation Start year				1920	1920	1920	1920	1929	1960	1960	1970	1995	1997	1999	2001	2003	2006	2015
Lag time (yrs)				40	15	40	40	0	20	35	30	20	20	20	20	20	20	40
Start (Year)	Stop (Year)	Start (day)	Stop (day)	Zone 14	Zone 16	Zone 4	Zone 5	Zone 6	Zone 7	Zone 15	Zone 8	Zone 9	Zone 10	Zone 11	Zone 12	Zone 13	Zone 3	Zone 17
1920	1930	0	3652	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1930	1940	3652	7305	0.07	450	0.07	0.07	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1940	1960	7305	14610	300	450	0.07	0.07	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1960	1970	14610	18263	300	450	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1970	1980	18263	21915	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1980	1988	21915	24837	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1988	1989	24837	25202	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1989	1990	25202	25567	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1990	1991	25567	25932	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1991	1992	25932	26298	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1992	1993	26298	26663	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1993	1994	26663	27028	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1994	1995	27028	27393	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1995	1996	27393	27759	300	450	300	300	300	300	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1996	1997	27759	28124	300	450	300	300	300	300	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1997	1998	28124	28489	300	450	300	300	300	300	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1998	1999	28489	28854	300	450	250	250	250	250	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1999	2000	28854	29220	300	450	200	200	200	200	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2000	2001	29220	29585	300	450	190	190	190	190	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2001	2002	29585	29950	300	450	180	180	180	180	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2002	2003	29950	30315	300	450	170	170	170	170	120	170	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2003	2004	30315	30681	300	450	160	160	160	160	120	160	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2004	2005	30681	31046	300	450	150	150	150	150	120	150	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2005	2006	31046	31411	300	450	140	140	140	140	120	140	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2006	2007	31411	31776	300	450	130	130	130	130	120	130	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2007	2008	31776	32142	300	450	120	120	120	120	120	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2008	2009	32142	32507	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2009	2010	32507	32872	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2010	2011	32872	33237	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2011	2012	33237	33603	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2012	2013	33603	33968	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2013	2014	33968	34333	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2014	2015	34333	34698	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2015	2016	34698	35064	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2016	2017	35064	35429	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2017	2018	35429	35794	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2018	2019	35794	36159	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2019	2020	36159	36525	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2020	2021	36525	36890	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2021	2022	36890	37255	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07

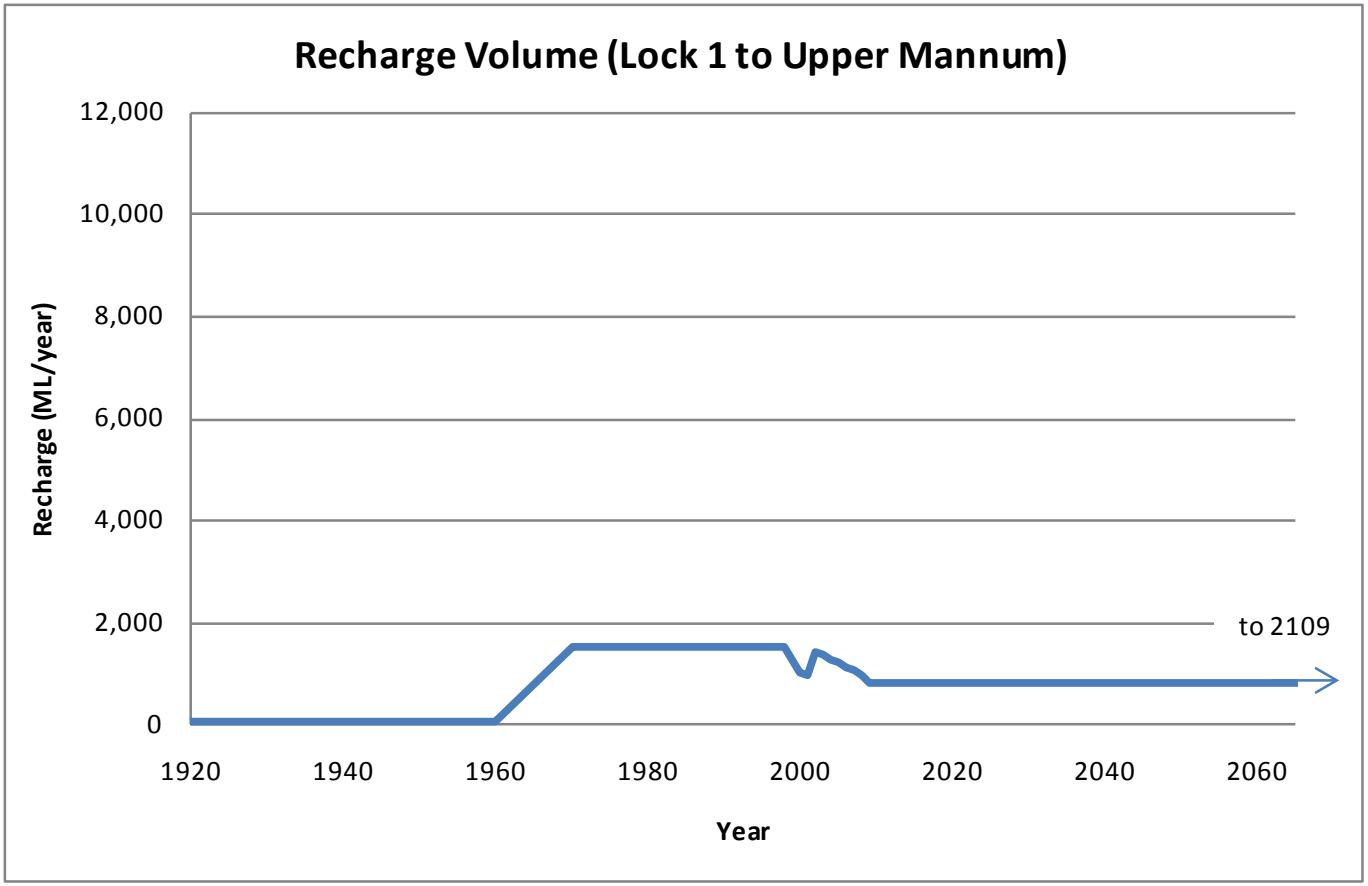
A-2(S3A). Model recharge zones, irrigation start time, lag time and recharge rates (mm/yr) in the Morgan to Wellington area (Scenario 3A)

						Pre 88 Irrigation						Post 88 Irrigation						Future Dev.
Irrigation Start year				1920	1920	1920	1920	1929	1960	1960	1970	1995	1997	1999	2001	2003	2006	2015
Lag time (yrs)				40	15	40	40	0	20	35	30	20	20	20	20	20	20	40
Start (Year)	Stop (Year)	Start (day)	Stop (day)	Zone 14	Zone 16	Zone 4	Zone 5	Zone 6	Zone 7	Zone 15	Zone 8	Zone 9	Zone 10	Zone 11	Zone 12	Zone 13	Zone 3	Zone 17
2022	2023	37255	37620	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2023	2024	37620	37986	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2024	2025	37986	38351	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2025	2026	38351	38716	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2026	2027	38716	39081	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2027	2028	39081	39447	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2028	2029	39447	39812	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2029	2030	39812	40177	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2030	2031	40177	40542	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2031	2032	40542	40908	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2032	2033	40908	41273	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2033	2034	41273	41638	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2034	2035	41638	42003	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2035	2036	42003	42369	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2036	2037	42369	42734	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2037	2038	42734	43099	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2038	2039	43099	43464	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2039	2040	43464	43830	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2040	2041	43830	44195	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2041	2042	44195	44560	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2042	2043	44560	44925	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2043	2044	44925	45291	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2044	2045	45291	45656	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2045	2046	45656	46021	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2046	2047	46021	46386	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2047	2048	46386	46752	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2048	2049	46752	47117	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2049	2050	47117	47482	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2050	2051	47482	47847	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2051	2052	47847	48213	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2052	2053	48213	48578	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2053	2054	48578	48943	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2054	2055	48943	49308	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2055	2109	49308	69032	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2109	2110	69032	69397	300	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07

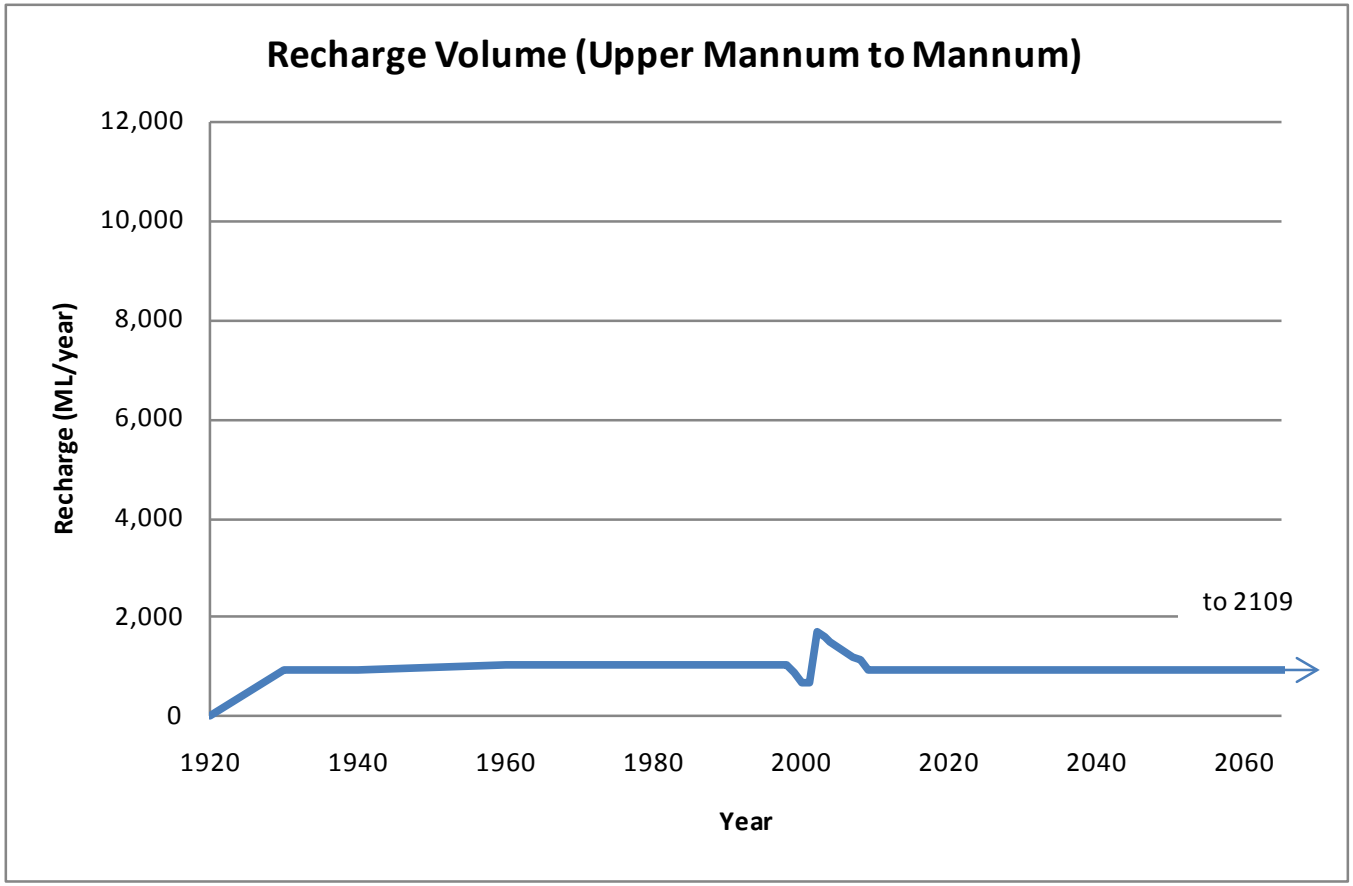
A-2(S3A). Model recharge zones, irrigation start time, lag time and recharge rates (mm/yr) in the Morgan to Wellington area (Scenario 3A)



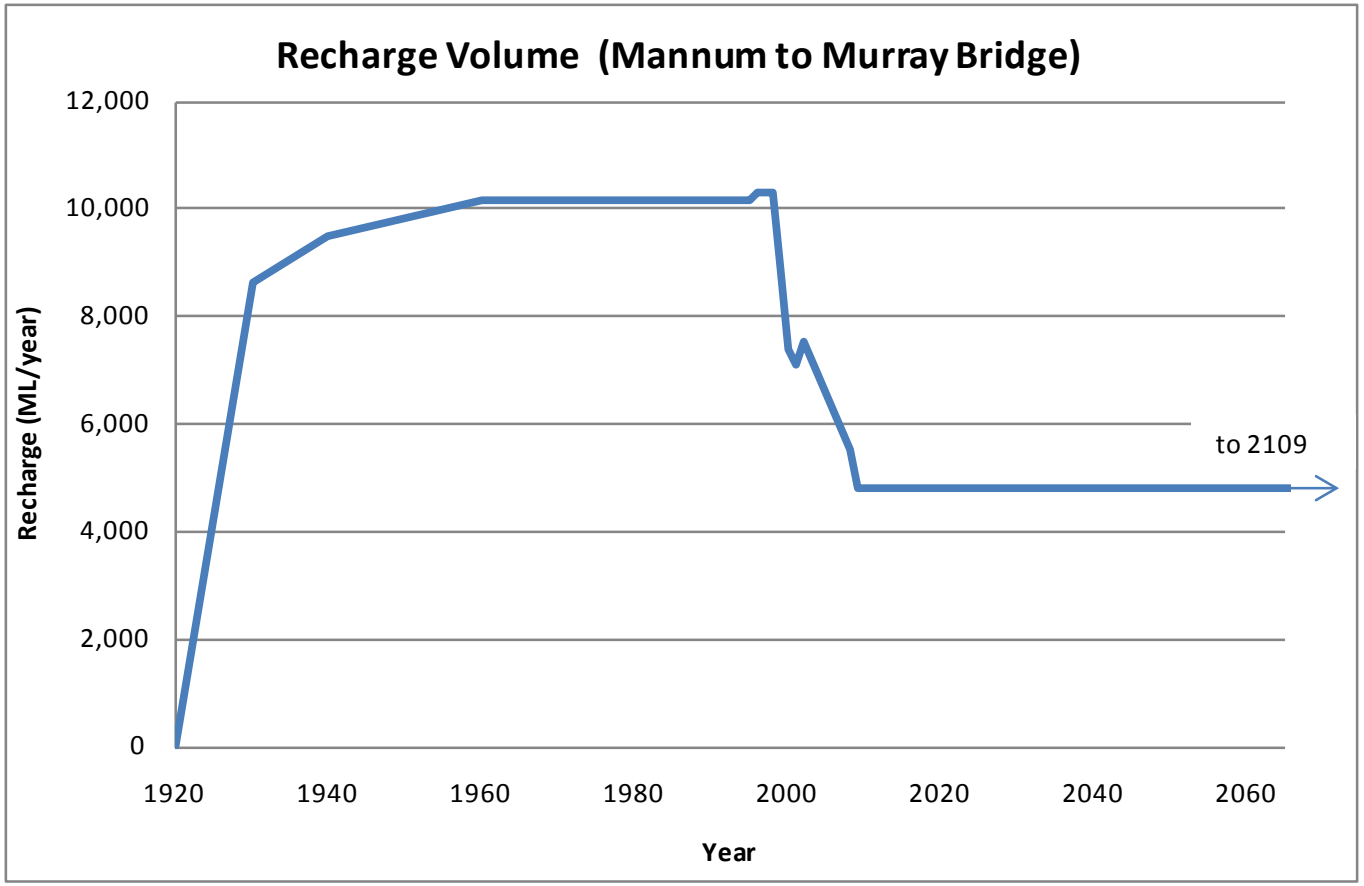
A-2(S3A). Total recharge volume applied in the Morgan to Lock 1 area (Scenario 3A)



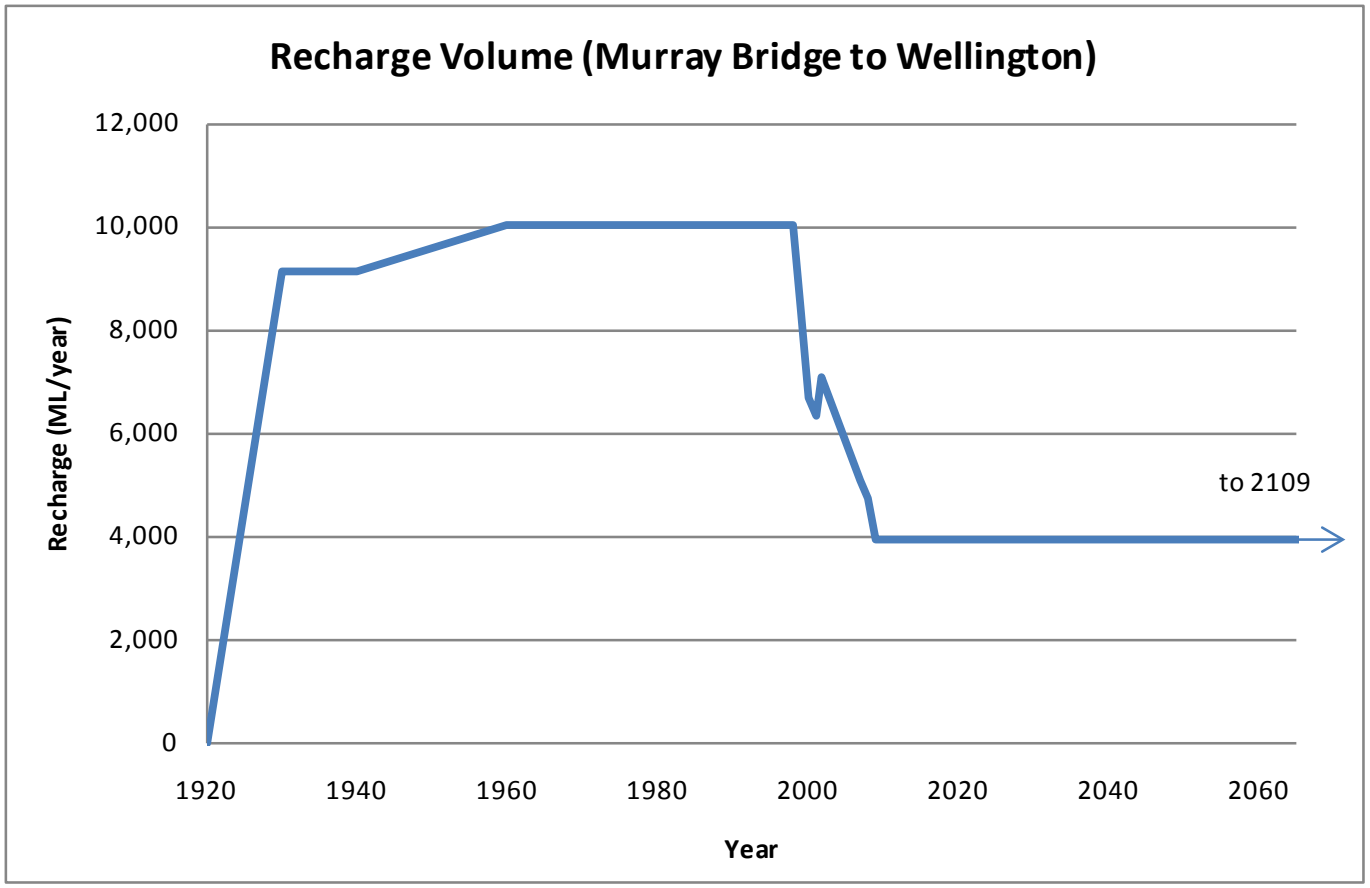
A-2(S3A). Total recharge volume applied in the Lock 1 to Upper Mannum area (Scenario 3A)



A-2(S3A). Total recharge volume applied in the Upper Mannum to Mannum area (Scenario 3A)



A-2(S3A). Total recharge volume applied in the Mannum to Murray Bridge area (Scenario 3A)



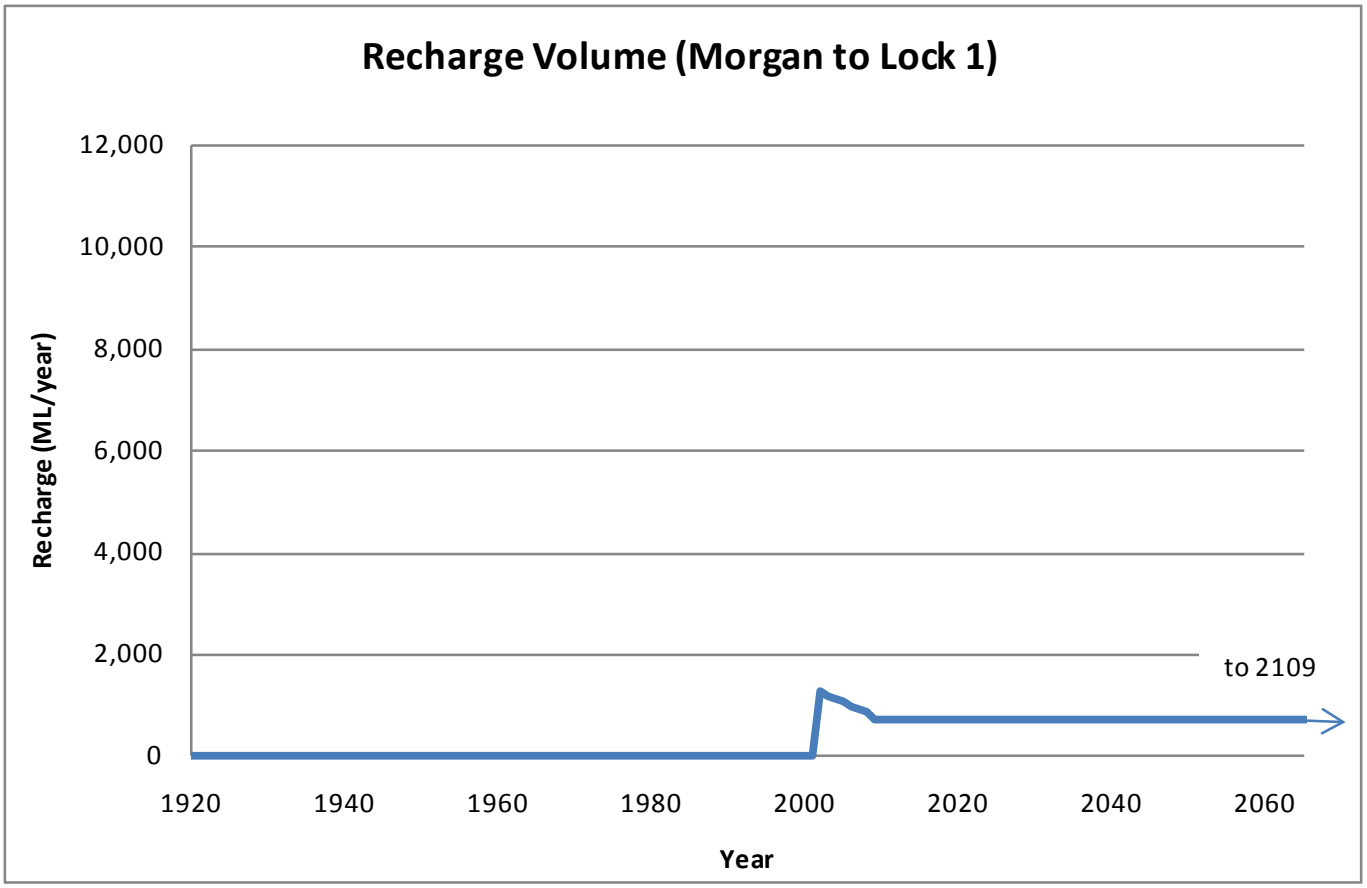
A-2(S3A). Total recharge volume applied in the Murray Bridge to Wellington area (Scenario 3A)

						Pre 88 Irrigation						Post 88 Irrigation					Future Dev.
Irrigation Start year				1920	1920	1920	1920	1929	1960	1960	1970	1995	1997	1999	2001	2003	2006	2015
Lag time (yrs)				40	15	40	40	0	20	35	30	20	20	20	20	20	20	40
Start (Year)	Stop (Year)	Start (day)	Stop (day)	Zone 14	Zone 16	Zone 4	Zone 5	Zone 6	Zone 7	Zone 15	Zone 8	Zone 9	Zone 10	Zone 11	Zone 12	Zone 13	Zone 3	Zone 17
1920	1930	0	3652	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1930	1940	3652	7305	0.07	450	0.07	0.07	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1940	1960	7305	14610	300	450	0.07	0.07	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1960	1970	14610	18263	300	450	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1970	1980	18263	21915	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1980	1988	21915	24837	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1988	1989	24837	25202	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1989	1990	25202	25567	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1990	1991	25567	25932	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1991	1992	25932	26298	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1992	1993	26298	26663	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1993	1994	26663	27028	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1994	1995	27028	27393	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1995	1996	27393	27759	300	450	300	300	300	300	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1996	1997	27759	28124	300	450	300	300	300	300	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1997	1998	28124	28489	300	450	300	300	300	300	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1998	1999	28489	28854	250	450	250	250	250	250	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1999	2000	28854	29220	250	450	200	200	200	200	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2000	2001	29220	29585	250	450	190	190	190	190	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2001	2002	29585	29950	250	450	180	180	180	180	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2002	2003	29950	30315	250	450	170	170	170	170	120	170	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2003	2004	30315	30681	250	450	160	160	160	160	120	160	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2004	2005	30681	31046	250	450	150	150	150	150	120	150	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2005	2006	31046	31411	250	450	140	140	140	140	120	140	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2006	2007	31411	31776	250	450	130	130	130	130	120	130	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2007	2008	31776	32142	250	450	120	120	120	120	120	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2008	2009	32142	32507	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2009	2010	32507	32872	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2010	2011	32872	33237	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2011	2012	33237	33603	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2012	2013	33603	33968	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2013	2014	33968	34333	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2014	2015	34333	34698	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2015	2016	34698	35064	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2016	2017	35064	35429	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2017	2018	35429	35794	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2018	2019	35794	36159	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2019	2020	36159	36525	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2020	2021	36525	36890	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2021	2022	36890	37255	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07

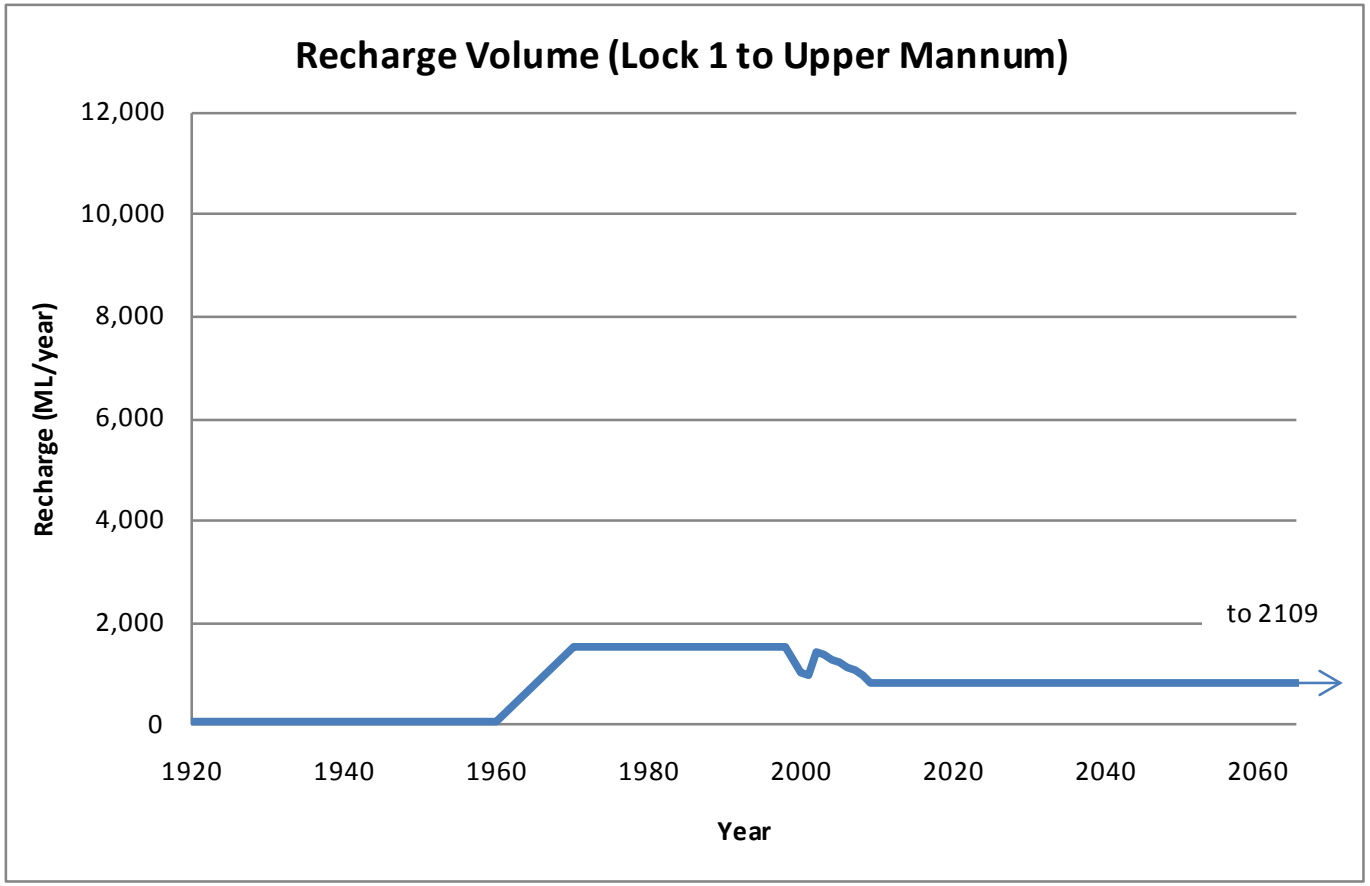
A-2(S3B). Model recharge zones, irrigation start time, lag time and recharge rates (mm/yr) in the Morgan to Wellington area (Scenario 3B)

						Pre 88 Irrigation						Post 88 Irrigation					Future Dev.
Irrigation Start year				1920	1920	1920	1920	1929	1960	1960	1970	1995	1997	1999	2001	2003	2006	2015
Lag time (yrs)				40	15	40	40	0	20	35	30	20	20	20	20	20	20	40
Start (Year)	Stop (Year)	Start (day)	Stop (day)	Zone 14	Zone 16	Zone 4	Zone 5	Zone 6	Zone 7	Zone 15	Zone 8	Zone 9	Zone 10	Zone 11	Zone 12	Zone 13	Zone 3	Zone 17
2022	2023	37255	37620	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2023	2024	37620	37986	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2024	2025	37986	38351	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2025	2026	38351	38716	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2026	2027	38716	39081	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2027	2028	39081	39447	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2028	2029	39447	39812	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2029	2030	39812	40177	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2030	2031	40177	40542	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2031	2032	40542	40908	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2032	2033	40908	41273	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2033	2034	41273	41638	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2034	2035	41638	42003	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2035	2036	42003	42369	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2036	2037	42369	42734	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2037	2038	42734	43099	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2038	2039	43099	43464	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2039	2040	43464	43830	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2040	2041	43830	44195	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2041	2042	44195	44560	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2042	2043	44560	44925	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2043	2044	44925	45291	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2044	2045	45291	45656	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2045	2046	45656	46021	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2046	2047	46021	46386	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2047	2048	46386	46752	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2048	2049	46752	47117	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2049	2050	47117	47482	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2050	2051	47482	47847	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2051	2052	47847	48213	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2052	2053	48213	48578	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2053	2054	48578	48943	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2054	2055	48943	49308	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2055	2109	49308	69032	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2109	2110	69032	69397	250	450	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07

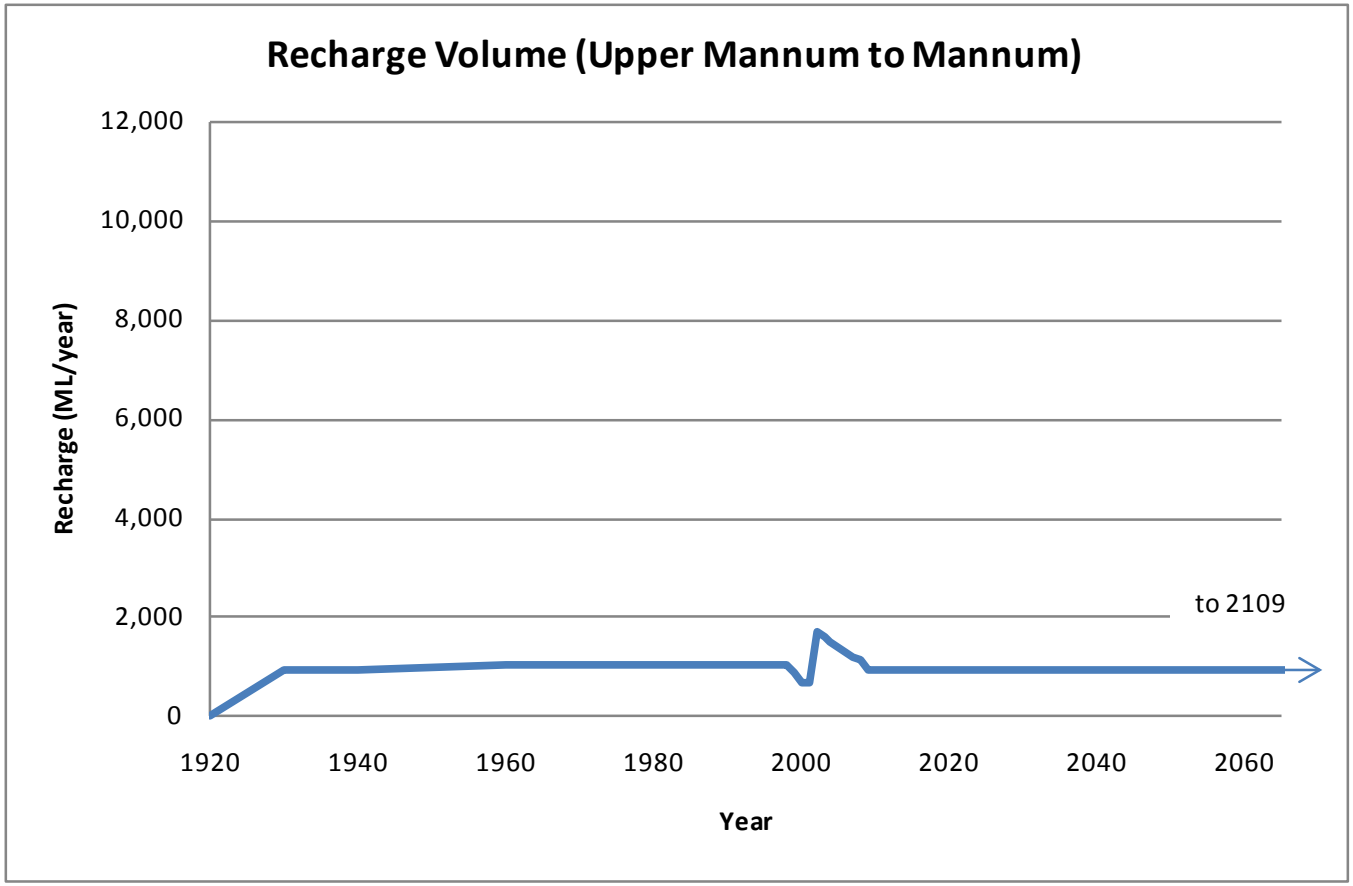
A-2(S3B). Model recharge zones, irrigation start time, lag time and recharge rates (mm/yr) in the Morgan to Wellington area (Scenario 3B)



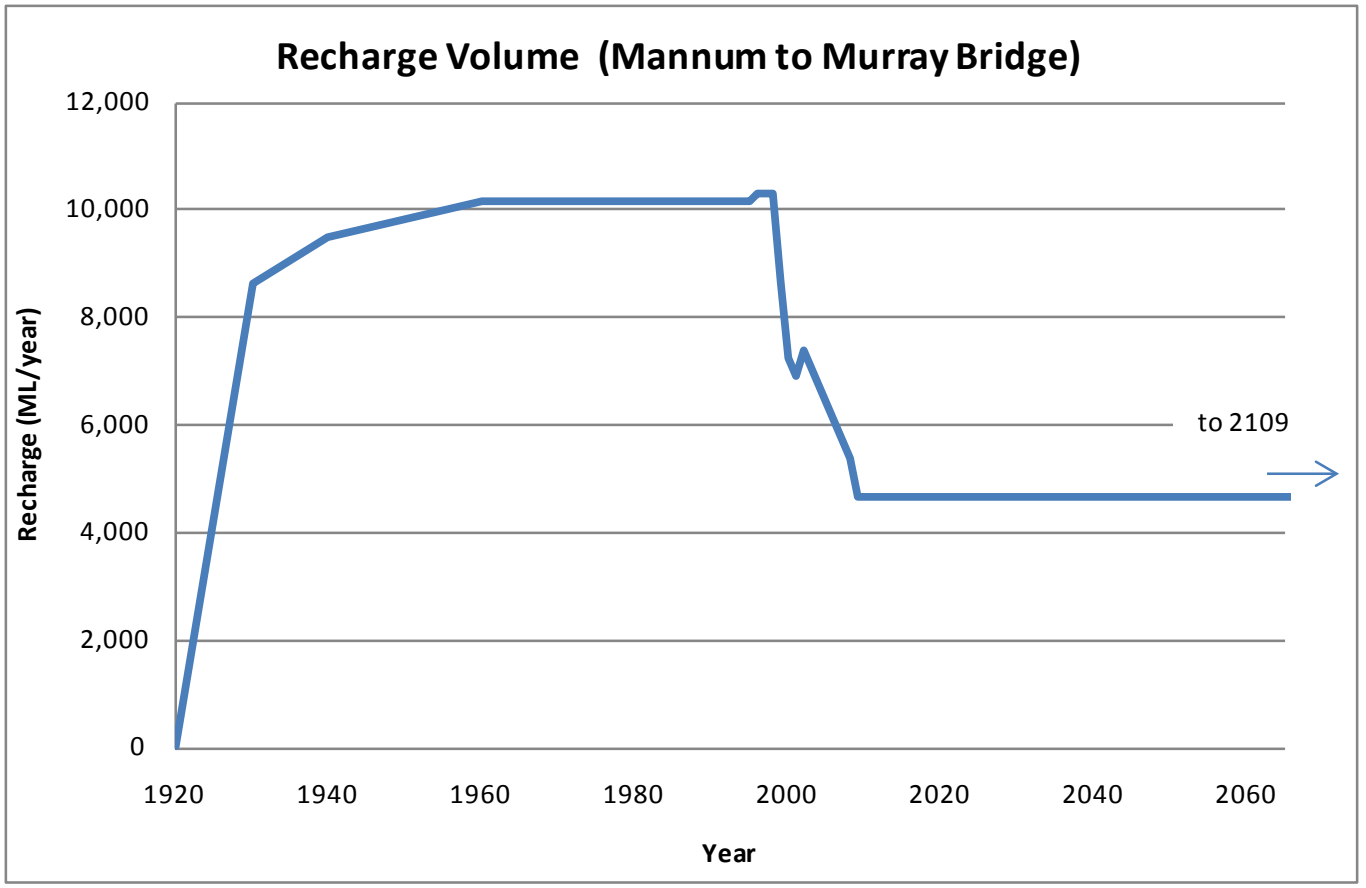
A-2(S3B). Total recharge volume applied in the Morgan to Lock 1 area (Scenario 3B)



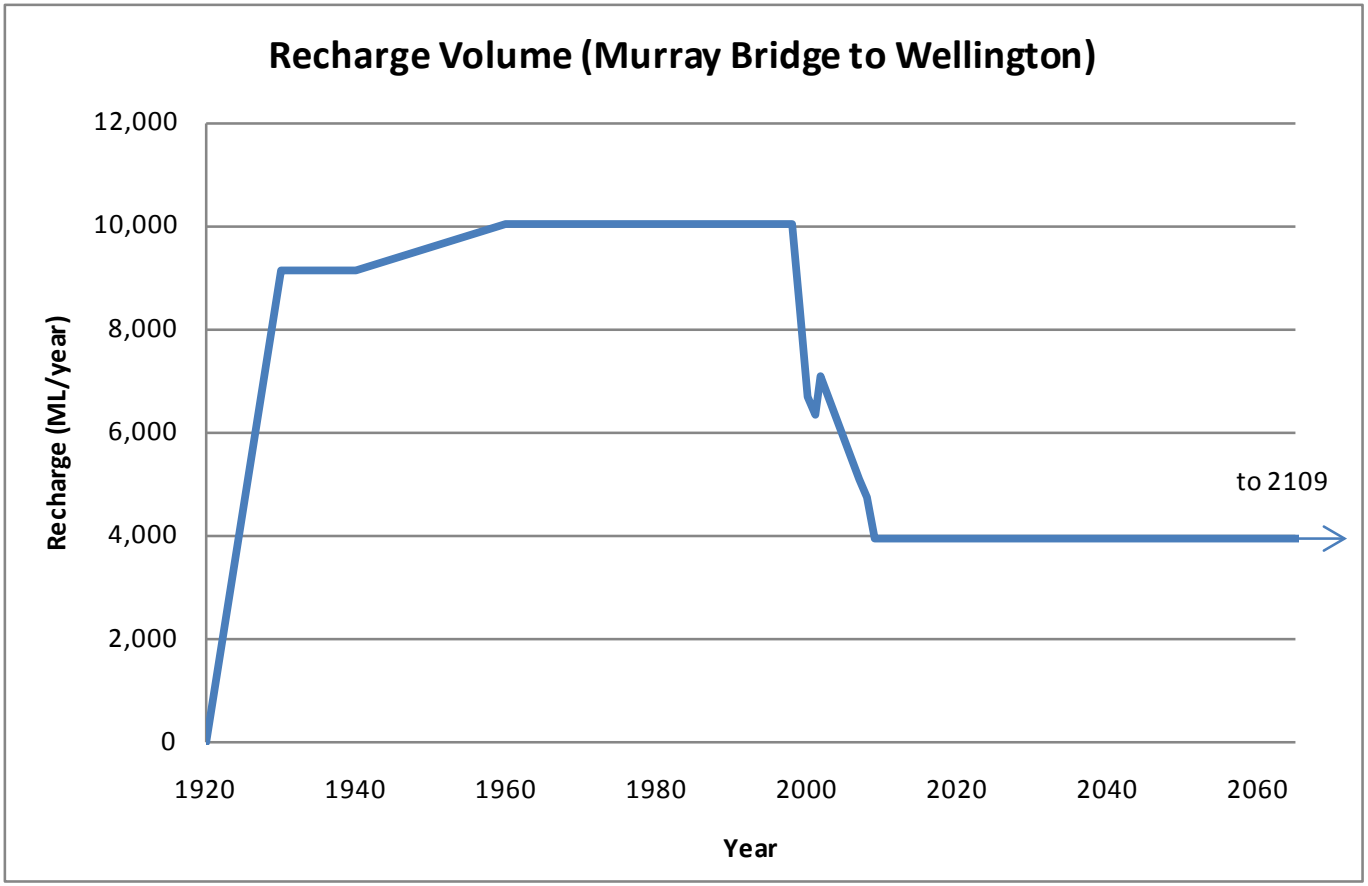
A-2(S3B). Total recharge volume applied in the Lock 1 to Upper Mannum area (Scenario 3B)



A-2(S3B). Total recharge volume applied in the Upper Mannum to Mannum area (Scenario 3B)



A-2(S3B). Total recharge volume applied in the Mannum to Murray Bridge area (Scenario 3B)



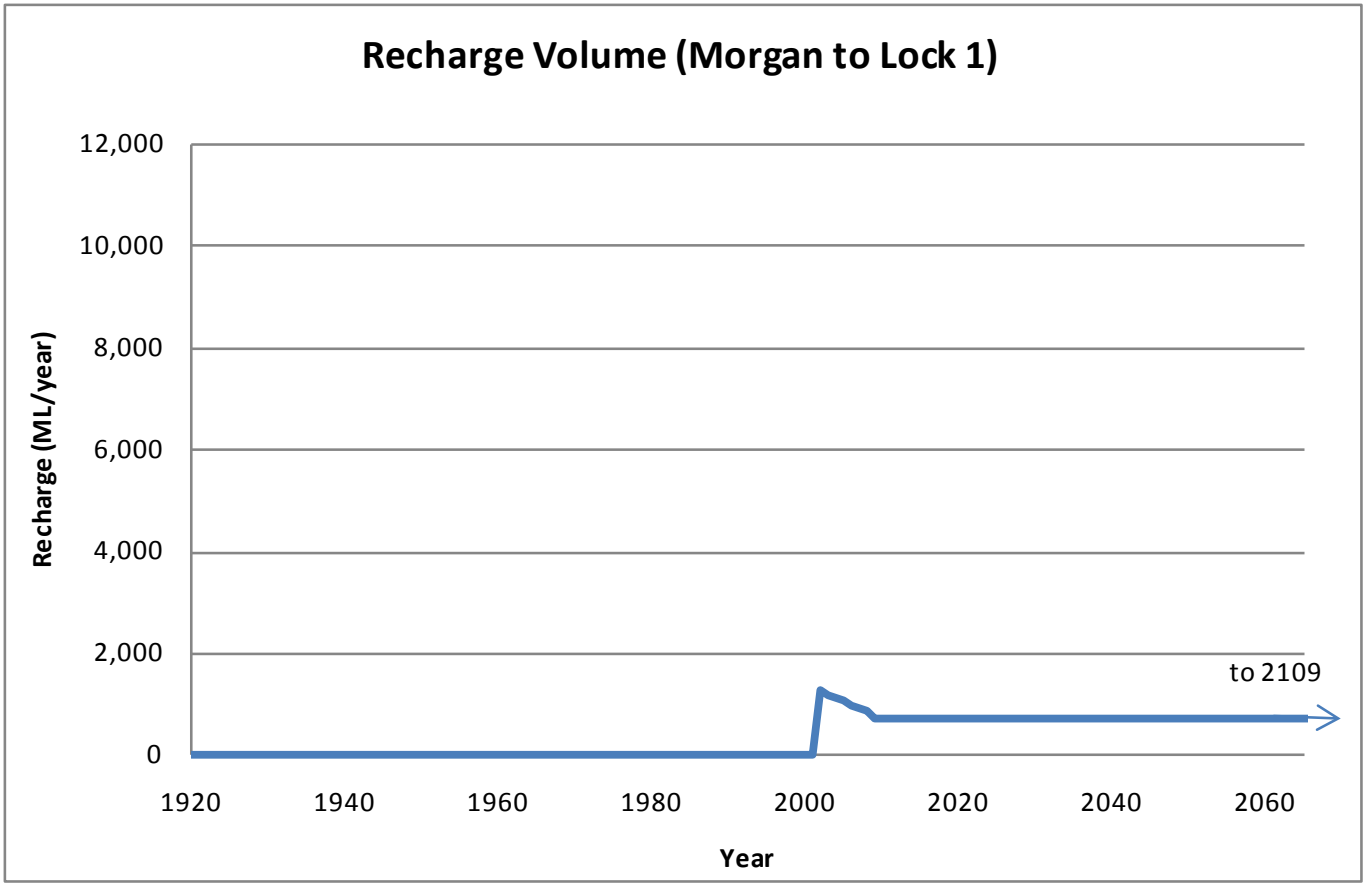
A-2(S3B). Total recharge volume applied in the Murray Bridge to Wellington area (Scenario 3B)

						Pre 88 Irrigation						Post 88 Irrigation					Future Dev.
Irrigation Start year				1920	1920	1920	1920	1929	1960	1960	1970	1995	1997	1999	2001	2003	2006	2015
Lag time (yrs)				40	15	40	40	0	20	35	30	20	20	20	20	20	20	40
Start (Year)	Stop (Year)	Start (day)	Stop (day)	Zone 14	Zone 16	Zone 4	Zone 5	Zone 6	Zone 7	Zone 15	Zone 8	Zone 9	Zone 10	Zone 11	Zone 12	Zone 13	Zone 3	Zone 17
1920	1930	0	3652	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1930	1940	3652	7305	0.07	450	0.07	0.07	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1940	1960	7305	14610	300	450	0.07	0.07	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1960	1970	14610	18263	300	450	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1970	1980	18263	21915	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1980	1988	21915	24837	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1988	1989	24837	25202	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1989	1990	25202	25567	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1990	1991	25567	25932	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1991	1992	25932	26298	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1992	1993	26298	26663	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1993	1994	26663	27028	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1994	1995	27028	27393	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1995	1996	27393	27759	300	450	300	300	300	300	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1996	1997	27759	28124	300	450	300	300	300	300	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1997	1998	28124	28489	300	450	300	300	300	300	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1998	1999	28489	28854	250	450	250	250	250	250	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1999	2000	28854	29220	200	400	200	200	200	200	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2000	2001	29220	29585	190	350	190	190	190	190	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2001	2002	29585	29950	180	300	180	180	180	180	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2002	2003	29950	30315	170	250	170	170	170	170	120	170	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2003	2004	30315	30681	160	200	160	160	160	160	120	160	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2004	2005	30681	31046	150	200	150	150	150	150	120	150	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2005	2006	31046	31411	140	200	140	140	140	140	120	140	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2006	2007	31411	31776	120	200	130	130	130	130	120	130	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2007	2008	31776	32142	130	200	120	120	120	120	120	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2008	2009	32142	32507	120	200	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2009	2010	32507	32872	100	200	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2010	2011	32872	33237	100	190	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2011	2012	33237	33603	100	180	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2012	2013	33603	33968	100	170	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2013	2014	33968	34333	100	160	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2014	2015	34333	34698	100	150	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2015	2016	34698	35064	100	140	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2016	2017	35064	35429	100	130	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2017	2018	35429	35794	100	120	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2018	2019	35794	36159	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2019	2020	36159	36525	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2020	2021	36525	36890	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2021	2022	36890	37255	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07

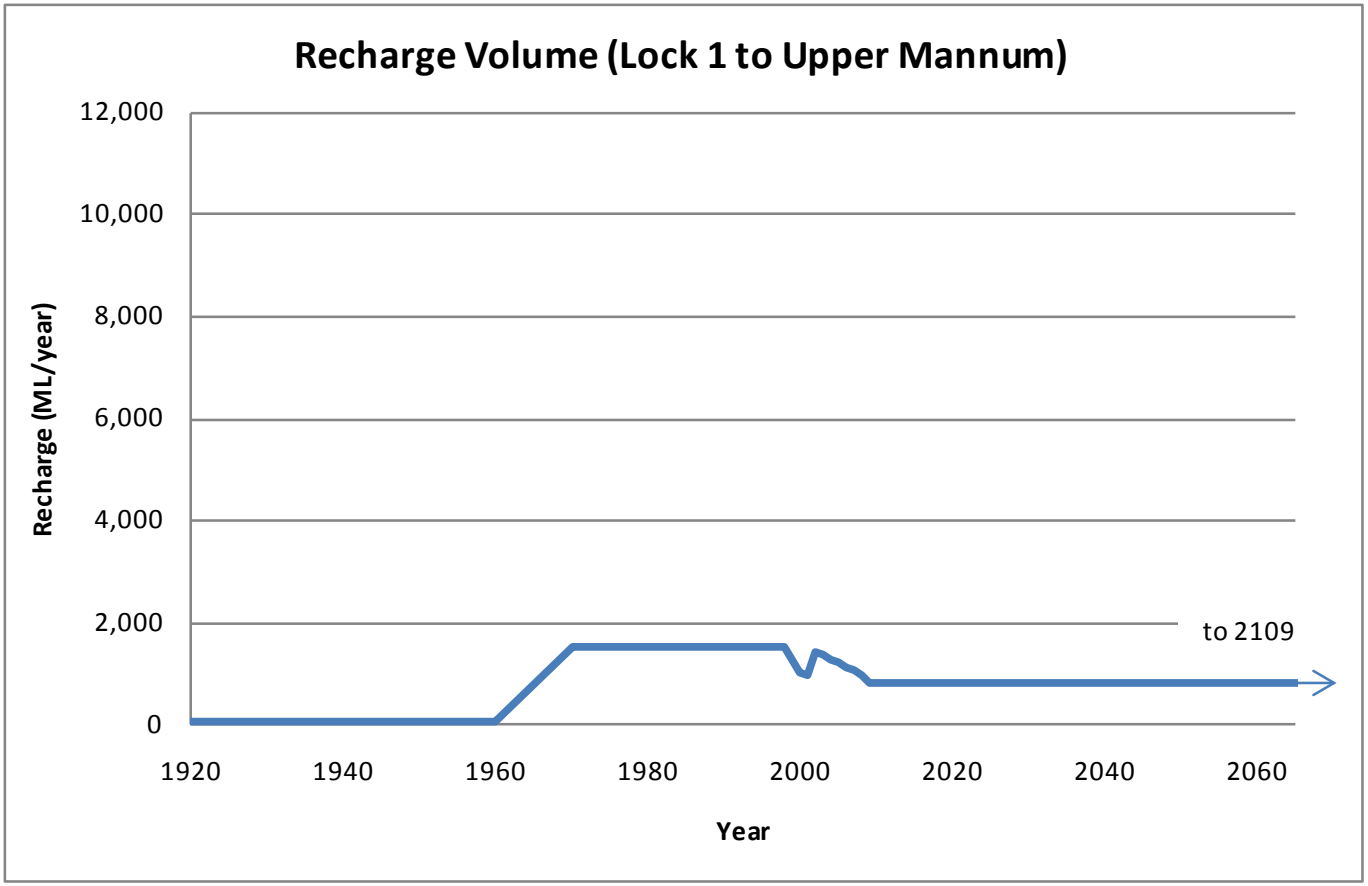
A-2(S3C). Model recharge zones, irrigation start time, lag time and recharge rates (mm/yr) in the Morgan to Wellington area (Scenario 3C)

						Pre 88 Irrigation						Post 88 Irrigation					Future Dev.
Irrigation Start year				1920	1920	1920	1920	1929	1960	1960	1970	1995	1997	1999	2001	2003	2006	2015
Lag time (yrs)				40	15	40	40	0	20	35	30	20	20	20	20	20	20	40
Start (Year)	Stop (Year)	Start (day)	Stop (day)	Zone 14	Zone 16	Zone 4	Zone 5	Zone 6	Zone 7	Zone 15	Zone 8	Zone 9	Zone 10	Zone 11	Zone 12	Zone 13	Zone 3	Zone 17
2022	2023	37255	37620	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2023	2024	37620	37986	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2024	2025	37986	38351	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2025	2026	38351	38716	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2026	2027	38716	39081	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2027	2028	39081	39447	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2028	2029	39447	39812	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2029	2030	39812	40177	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2030	2031	40177	40542	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2031	2032	40542	40908	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2032	2033	40908	41273	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2033	2034	41273	41638	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2034	2035	41638	42003	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2035	2036	42003	42369	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2036	2037	42369	42734	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2037	2038	42734	43099	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2038	2039	43099	43464	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2039	2040	43464	43830	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2040	2041	43830	44195	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2041	2042	44195	44560	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2042	2043	44560	44925	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2043	2044	44925	45291	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2044	2045	45291	45656	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2045	2046	45656	46021	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2046	2047	46021	46386	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2047	2048	46386	46752	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2048	2049	46752	47117	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2049	2050	47117	47482	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2050	2051	47482	47847	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2051	2052	47847	48213	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2052	2053	48213	48578	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2053	2054	48578	48943	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2054	2055	48943	49308	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2055	2109	49308	69032	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2109	2110	69032	69397	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07

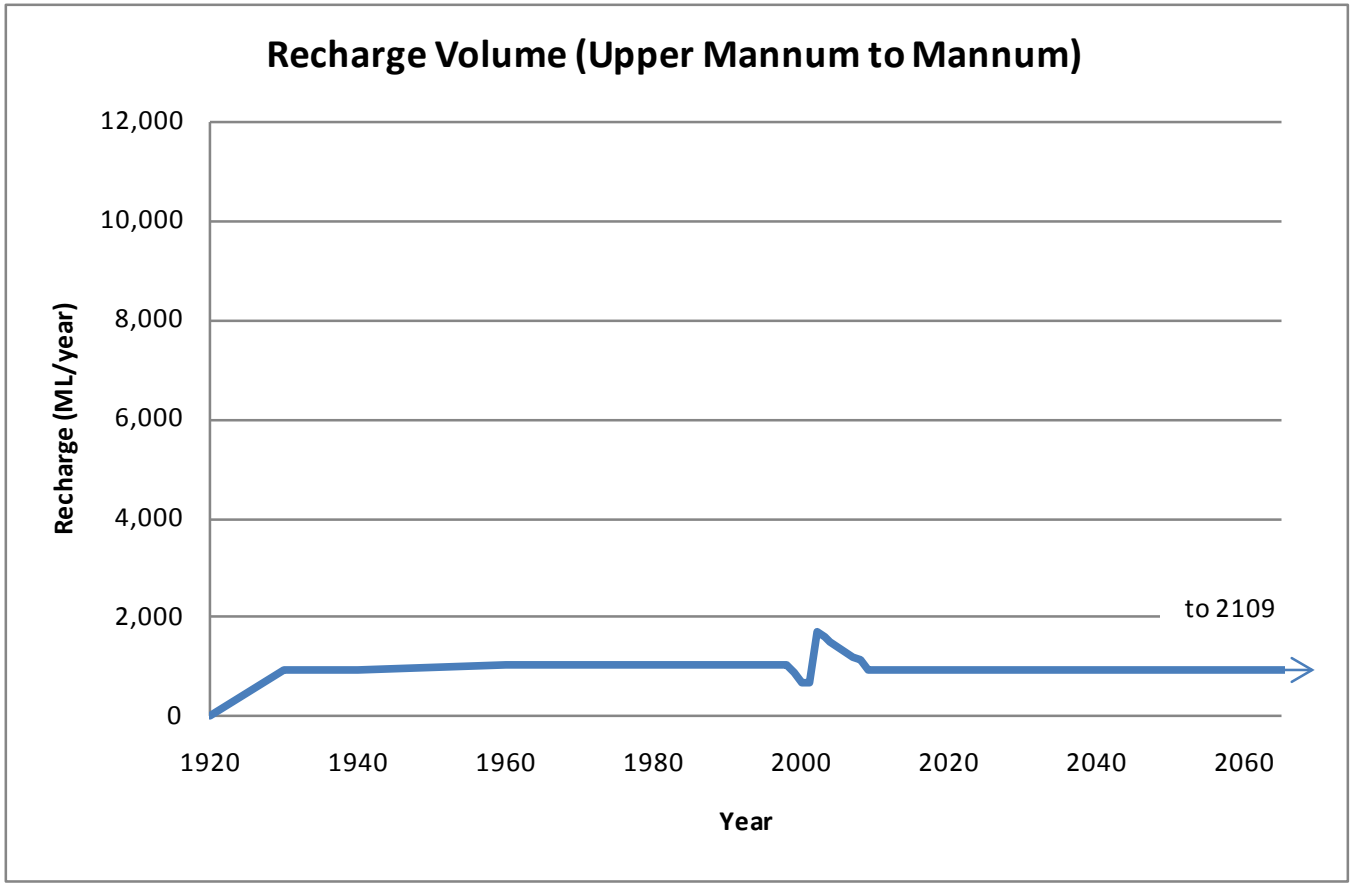
A-2(S3C). Model recharge zones, irrigation start time, lag time and recharge rates (mm/yr) in the Morgan to Wellington area (Scenario 3C)



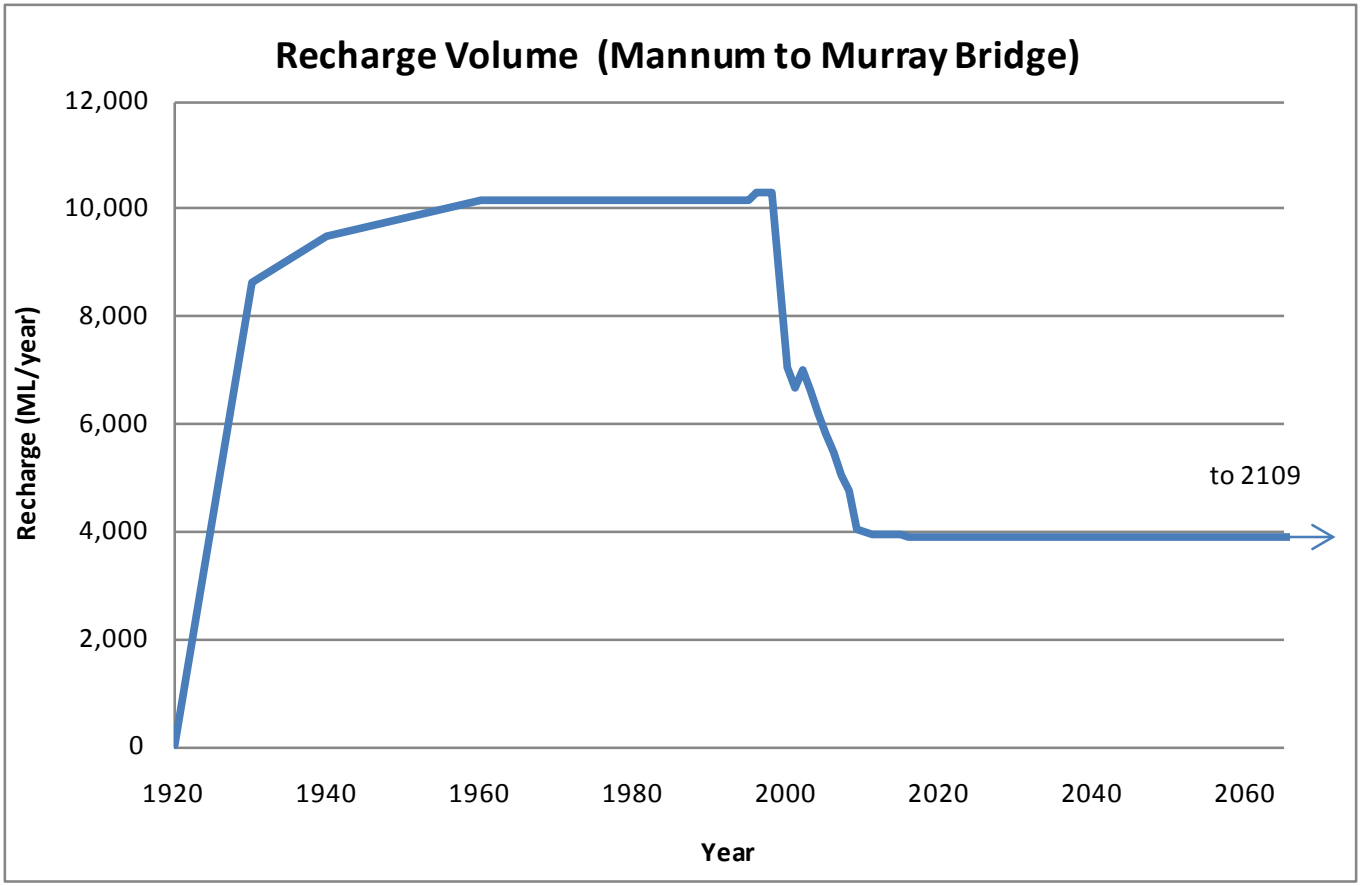
A-2(S3C). Total recharge volume applied in the Morgan to Lock 1 area (Scenario 3C)



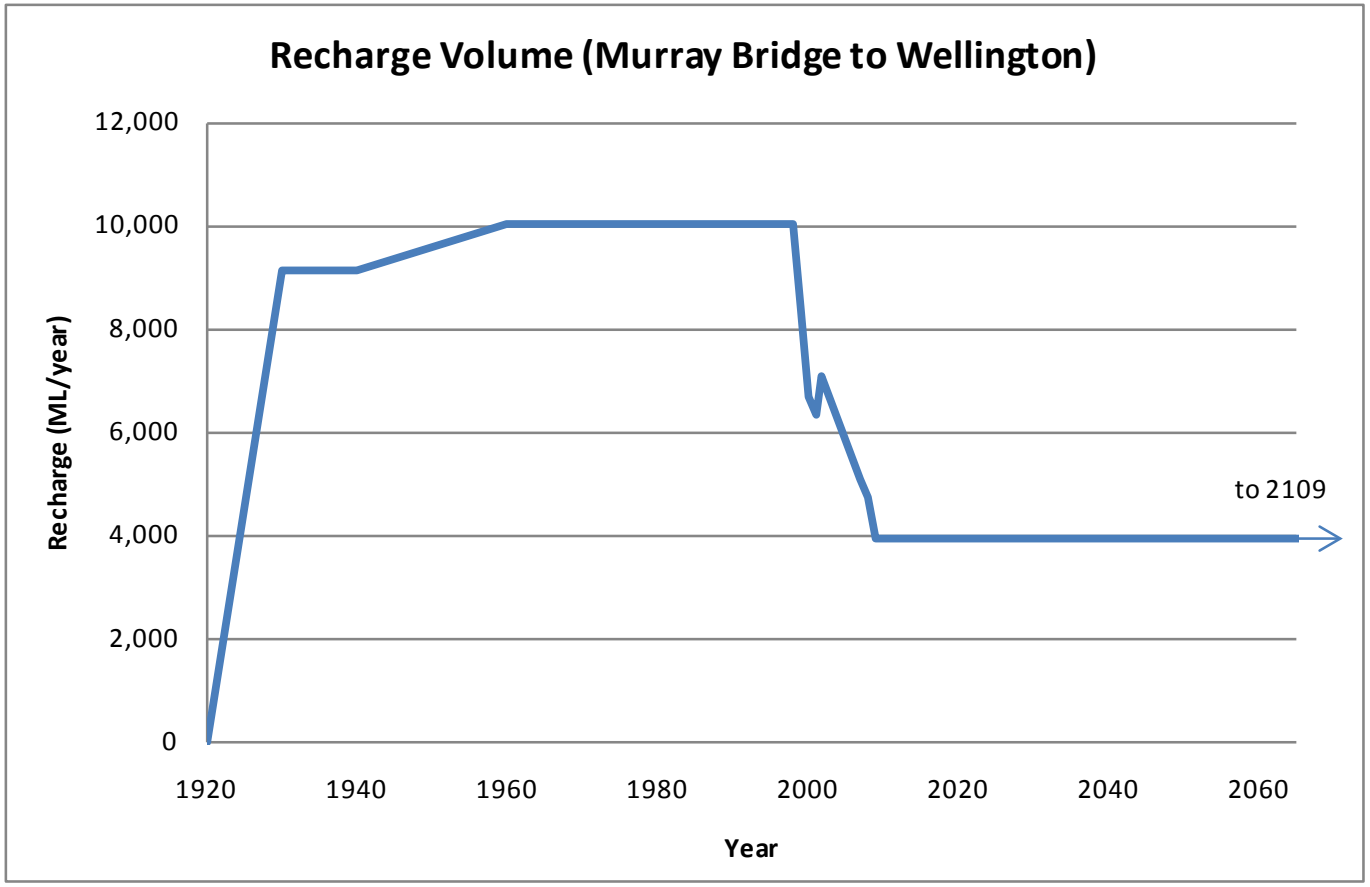
A-2(S3C). Total recharge volume applied in the Lock 1 to Upper Mannum area (Scenario 3C)



A-2(S3C). Total recharge volume applied in the Upper Mannum to Mannum area (Scenario 3C)



A-2(S3C). Total recharge volume applied in the Mannum to Murray Bridge area (Scenario 3C)



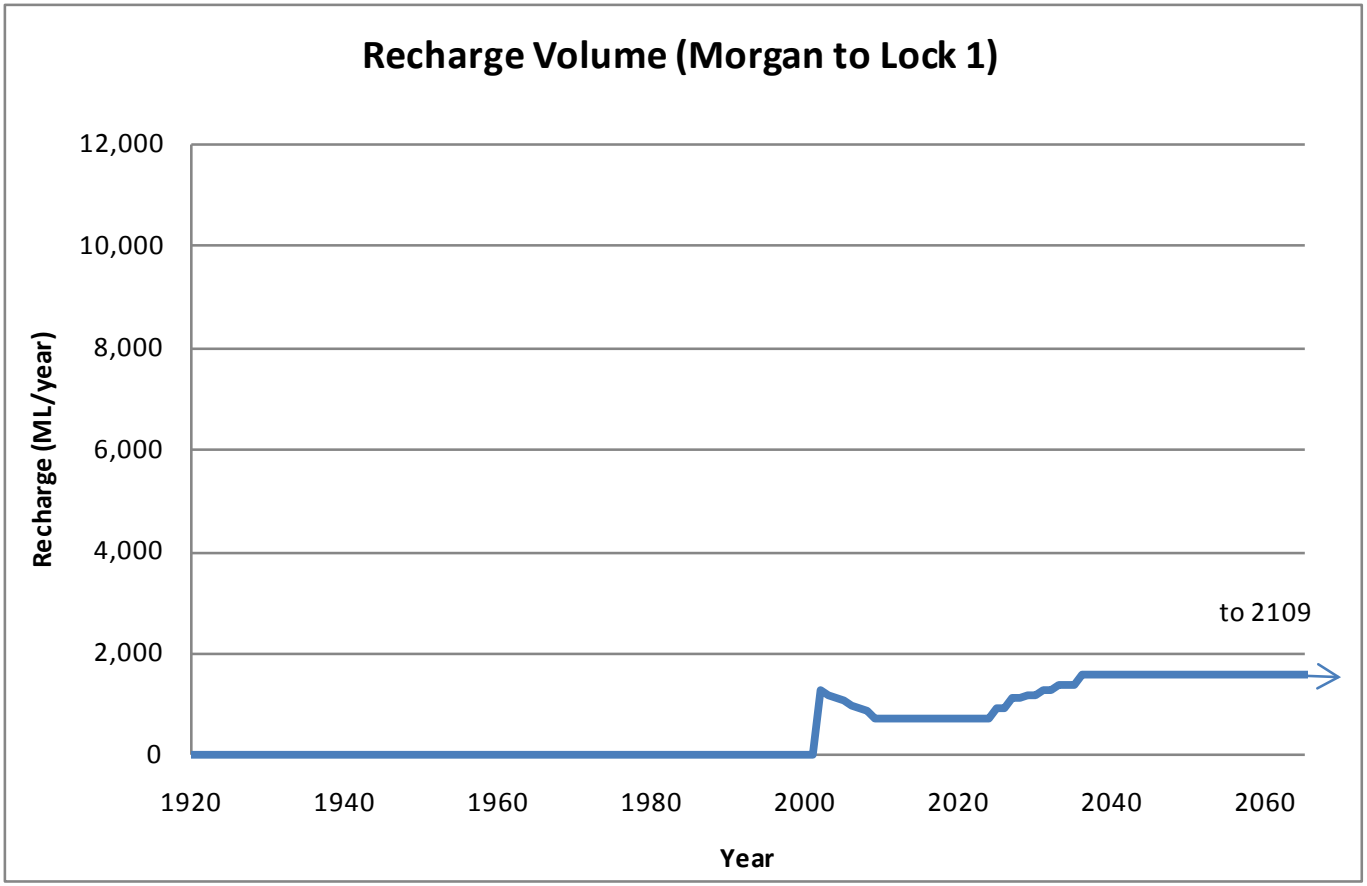
A-2(S3C). Total recharge volume applied in the Murray Bridge to Wellington area (Scenario 3C)

						Pre 88 Irrigation							Post 88 Irrigation					Future Dev.
Irrigation Start year				1920	1920	1920	1920	1929	1960	1960	1970	1995	1997	1999	2001	2003	2006	2015
Lag time (yrs)				40	15	40	40	0	20	35	30	20	20	20	20	20	20	40
Start (Year)	Stop (Year)	Start (day)	Stop (day)	Zone 14	Zone 16	Zone 4	Zone 5	Zone 6	Zone 7	Zone 15	Zone 8	Zone 9	Zone 10	Zone 11	Zone 12	Zone 13	Zone 3	Zone 17
1920	1930	0	3652	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1930	1940	3652	7305	0.07	450	0.07	0.07	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1940	1960	7305	14610	300	450	0.07	0.07	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1960	1970	14610	18263	300	450	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1970	1980	18263	21915	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1980	1988	21915	24837	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1988	1989	24837	25202	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1989	1990	25202	25567	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1990	1991	25567	25932	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1991	1992	25932	26298	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1992	1993	26298	26663	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1993	1994	26663	27028	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1994	1995	27028	27393	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1995	1996	27393	27759	300	450	300	300	300	300	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1996	1997	27759	28124	300	450	300	300	300	300	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1997	1998	28124	28489	300	450	300	300	300	300	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1998	1999	28489	28854	250	450	250	250	250	250	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1999	2000	28854	29220	200	400	200	200	200	200	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2000	2001	29220	29585	190	350	190	190	190	190	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2001	2002	29585	29950	180	300	180	180	180	180	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2002	2003	29950	30315	170	250	170	170	170	170	120	170	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2003	2004	30315	30681	160	200	160	160	160	160	120	160	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2004	2005	30681	31046	150	200	150	150	150	150	120	150	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2005	2006	31046	31411	140	200	140	140	140	140	120	140	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2006	2007	31411	31776	120	200	130	130	130	130	120	130	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2007	2008	31776	32142	130	200	120	120	120	120	120	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2008	2009	32142	32507	120	200	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2009	2010	32507	32872	100	200	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2010	2011	32872	33237	100	190	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2011	2012	33237	33603	100	180	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2012	2013	33603	33968	100	170	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2013	2014	33968	34333	100	160	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2014	2015	34333	34698	100	150	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2015	2016	34698	35064	100	140	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2016	2017	35064	35429	100	130	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2017	2018	35429	35794	100	120	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2018	2019	35794	36159	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2019	2020	36159	36525	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2020	2021	36525	36890	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2021	2022	36890	37255	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07

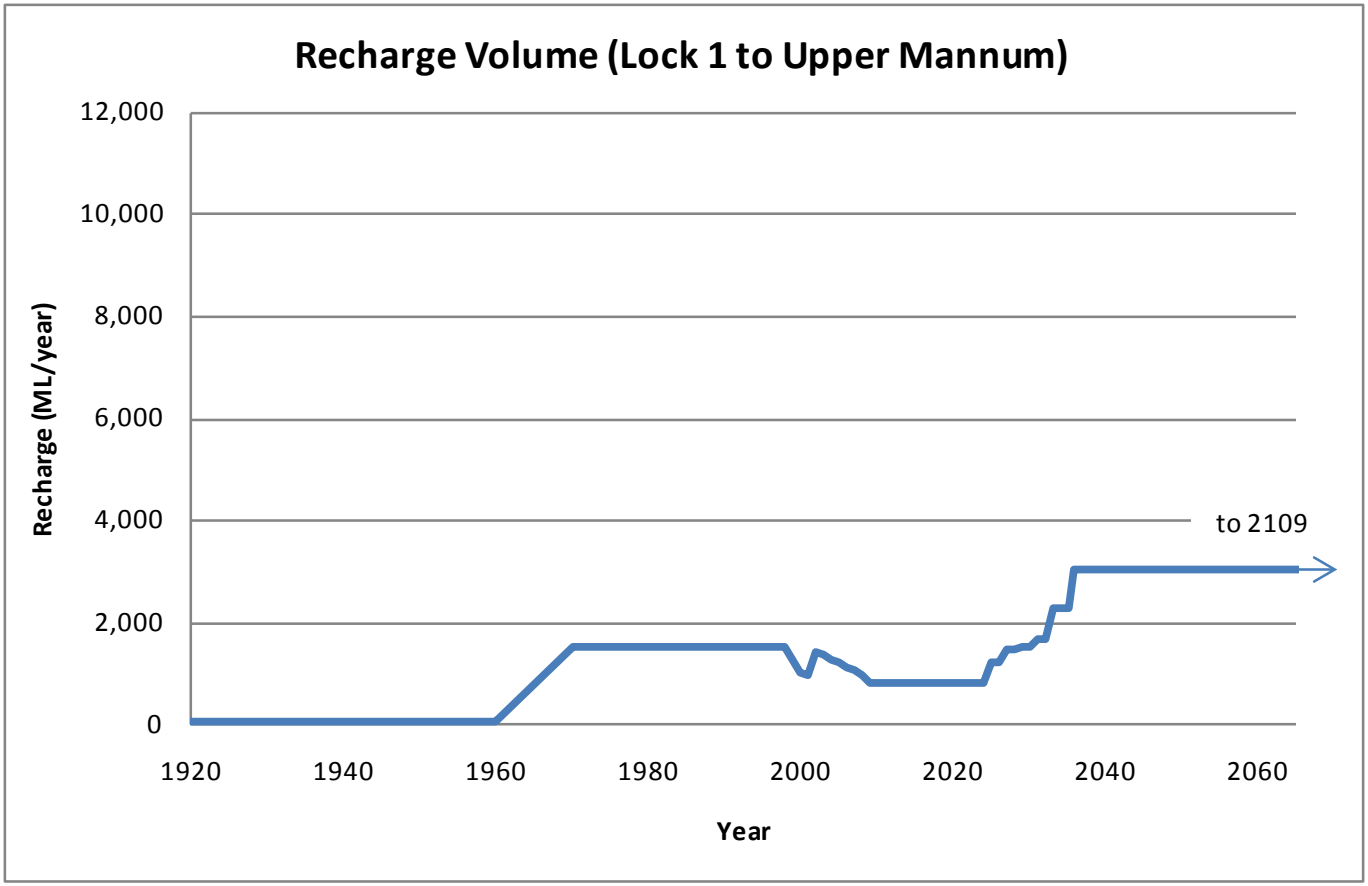
A-2(S4). Model recharge zones, irrigation start time, lag time and recharge rates (mm/yr) in the Morgan to Wellington area (Scenario 4)

						Pre 88 Irrigation						Post 88 Irrigation					Future Dev.
Irrigation Start year				1920	1920	1920	1920	1929	1960	1960	1970	1995	1997	1999	2001	2003	2006	2015
Lag time (yrs)				40	15	40	40	0	20	35	30	20	20	20	20	20	20	40
Start (Year)	Stop (Year)	Start (day)	Stop (day)	Zone 14	Zone 16	Zone 4	Zone 5	Zone 6	Zone 7	Zone 15	Zone 8	Zone 9	Zone 10	Zone 11	Zone 12	Zone 13	Zone 3	Zone 17
2022	2023	37255	37620	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2023	2024	37620	37986	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2024	2025	37986	38351	100	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07
2025	2026	38351	38716	100	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07
2026	2027	38716	39081	100	100	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07
2027	2028	39081	39447	100	100	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07
2028	2029	39447	39812	100	100	100	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07
2029	2030	39812	40177	100	100	100	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07
2030	2031	40177	40542	100	100	100	100	100	100	100	100	100	100	100	100	0.07	0.07	0.07
2031	2032	40542	40908	100	100	100	100	100	100	100	100	100	100	100	100	0.07	0.07	0.07
2032	2033	40908	41273	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07	0.07
2033	2034	41273	41638	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07	0.07
2034	2035	41638	42003	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07	0.07
2035	2036	42003	42369	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2036	2037	42369	42734	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2037	2038	42734	43099	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2038	2039	43099	43464	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2039	2040	43464	43830	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2040	2041	43830	44195	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2041	2042	44195	44560	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2042	2043	44560	44925	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2043	2044	44925	45291	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2044	2045	45291	45656	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2045	2046	45656	46021	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2046	2047	46021	46386	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2047	2048	46386	46752	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2048	2049	46752	47117	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2049	2050	47117	47482	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2050	2051	47482	47847	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2051	2052	47847	48213	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2052	2053	48213	48578	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2053	2054	48578	48943	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2054	2055	48943	49308	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2055	2109	49308	69032	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2109	2110	69032	69397	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07

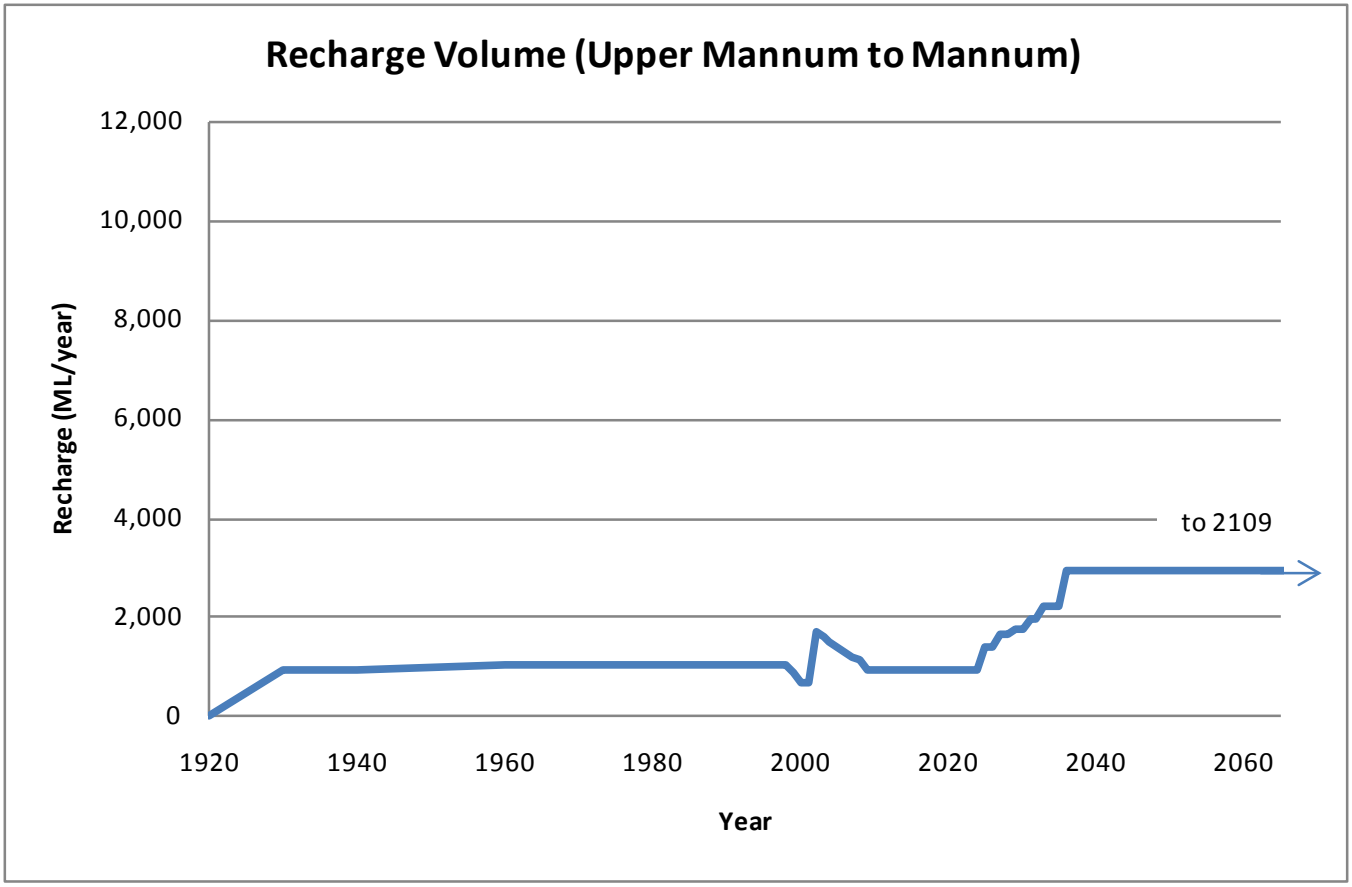
A-2(S4). Model recharge zones, irrigation start time, lag time and recharge rates (mm/yr) in the Morgan to Wellington area (Scenario 4)



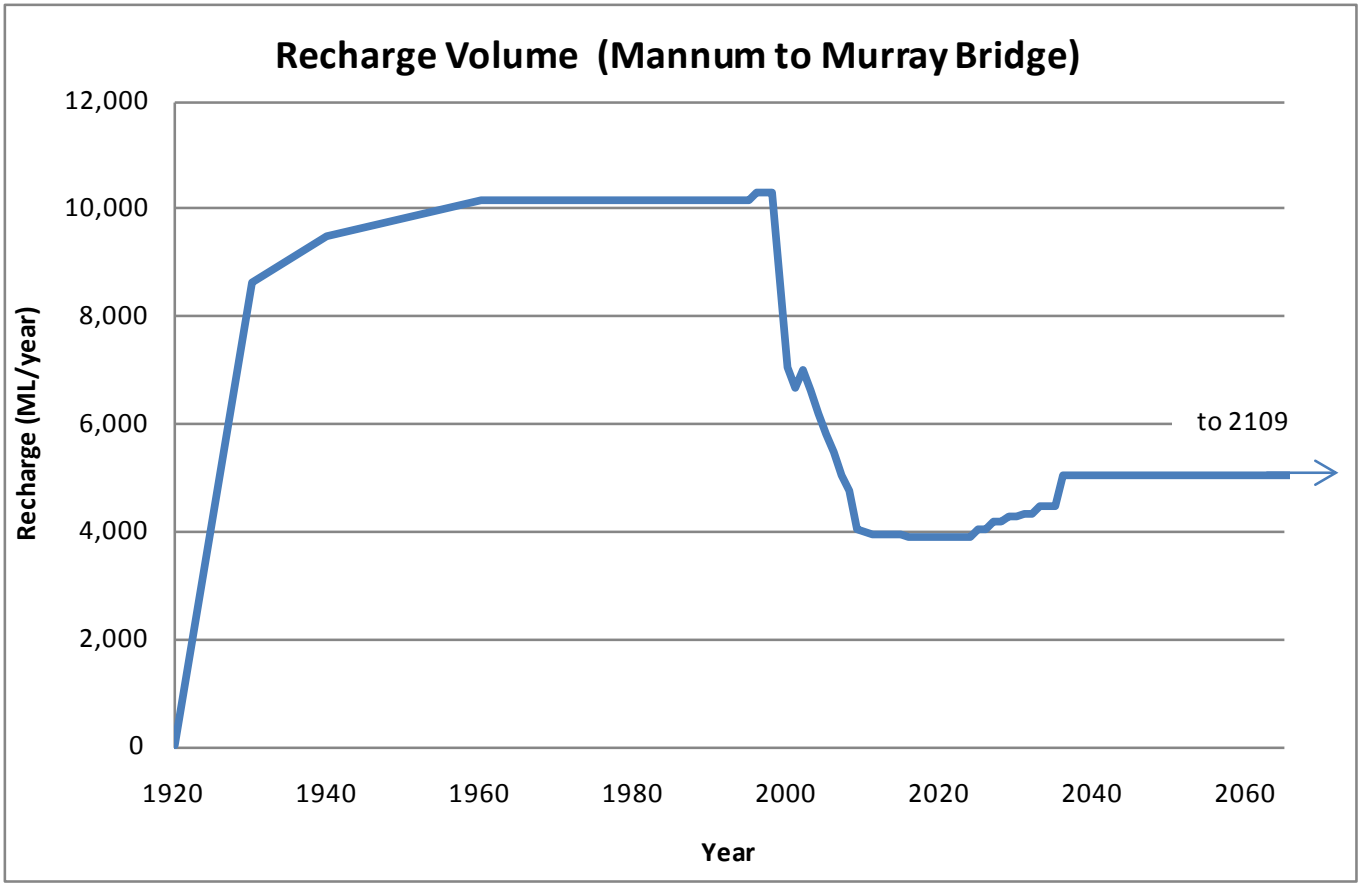
A-2(S4). Total recharge volume applied in the Morgan to Lock 1 area (Scenario 4)



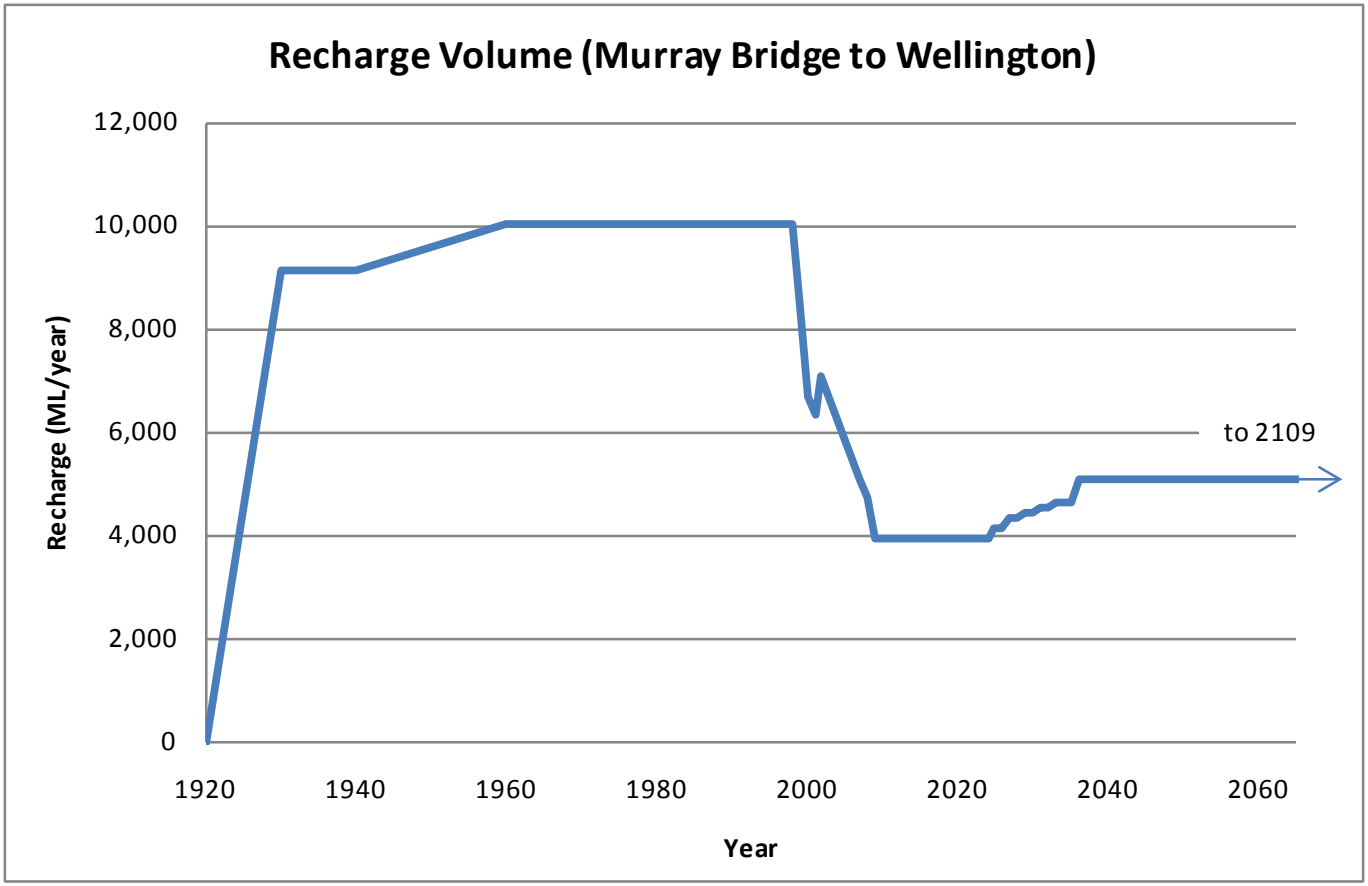
A-2(S4). Total recharge volume applied in the Lock 1 to Upper Mannum area (Scenario 4)



A-2(S4). Total recharge volume applied in the Upper Mannum to Mannum area (Scenario 4)



A-2(S4). Total recharge volume applied in the Mannum to Murray Bridge area (Scenario 4)



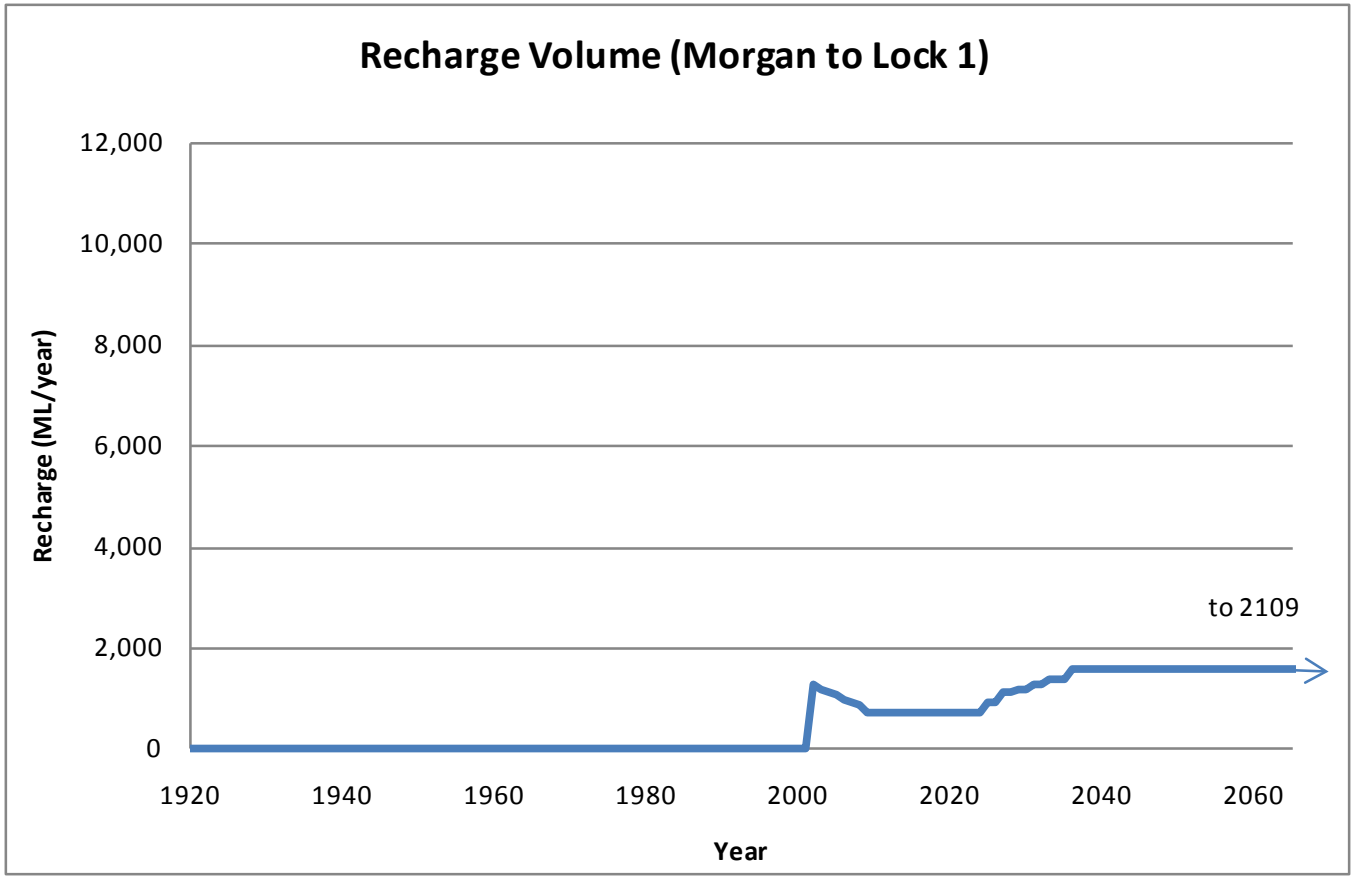
A-2(S4). Total recharge volume applied in the Murray Bridge to Wellington area (Scenario 4)

						Pre 88 Irrigation						Post 88 Irrigation					Future Dev.
Irrigation Start year				1920	1920	1920	1920	1929	1960	1960	1970	1995	1997	1999	2001	2003	2006	2015
Lag time (yrs)				40	15	40	40	0	20	35	30	20	20	20	20	20	20	40
Start (Year)	Stop (Year)	Start (day)	Stop (day)	Zone 14	Zone 16	Zone 4	Zone 5	Zone 6	Zone 7	Zone 15	Zone 8	Zone 9	Zone 10	Zone 11	Zone 12	Zone 13	Zone 3	Zone 17
1920	1930	0	3652	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1930	1940	3652	7305	0.07	450	0.07	0.07	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1940	1960	7305	14610	300	450	0.07	0.07	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1960	1970	14610	18263	300	450	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1970	1980	18263	21915	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1980	1988	21915	24837	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1988	1989	24837	25202	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1989	1990	25202	25567	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1990	1991	25567	25932	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1991	1992	25932	26298	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1992	1993	26298	26663	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1993	1994	26663	27028	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1994	1995	27028	27393	300	450	300	300	300	300	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1995	1996	27393	27759	300	450	300	300	300	300	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1996	1997	27759	28124	300	450	300	300	300	300	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1997	1998	28124	28489	300	450	300	300	300	300	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1998	1999	28489	28854	250	450	250	250	250	250	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1999	2000	28854	29220	200	400	200	200	200	200	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2000	2001	29220	29585	190	350	190	190	190	190	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2001	2002	29585	29950	180	300	180	180	180	180	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2002	2003	29950	30315	170	250	170	170	170	170	120	170	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2003	2004	30315	30681	160	200	160	160	160	160	120	160	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2004	2005	30681	31046	150	200	150	150	150	150	120	150	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2005	2006	31046	31411	140	200	140	140	140	140	120	140	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2006	2007	31411	31776	120	200	130	130	130	130	120	130	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2007	2008	31776	32142	130	200	120	120	120	120	120	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2008	2009	32142	32507	120	200	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2009	2010	32507	32872	100	200	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2010	2011	32872	33237	100	190	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2011	2012	33237	33603	100	180	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2012	2013	33603	33968	100	170	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2013	2014	33968	34333	100	160	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2014	2015	34333	34698	100	150	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2015	2016	34698	35064	100	140	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2016	2017	35064	35429	100	130	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2017	2018	35429	35794	100	120	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2018	2019	35794	36159	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2019	2020	36159	36525	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2020	2021	36525	36890	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2021	2022	36890	37255	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07

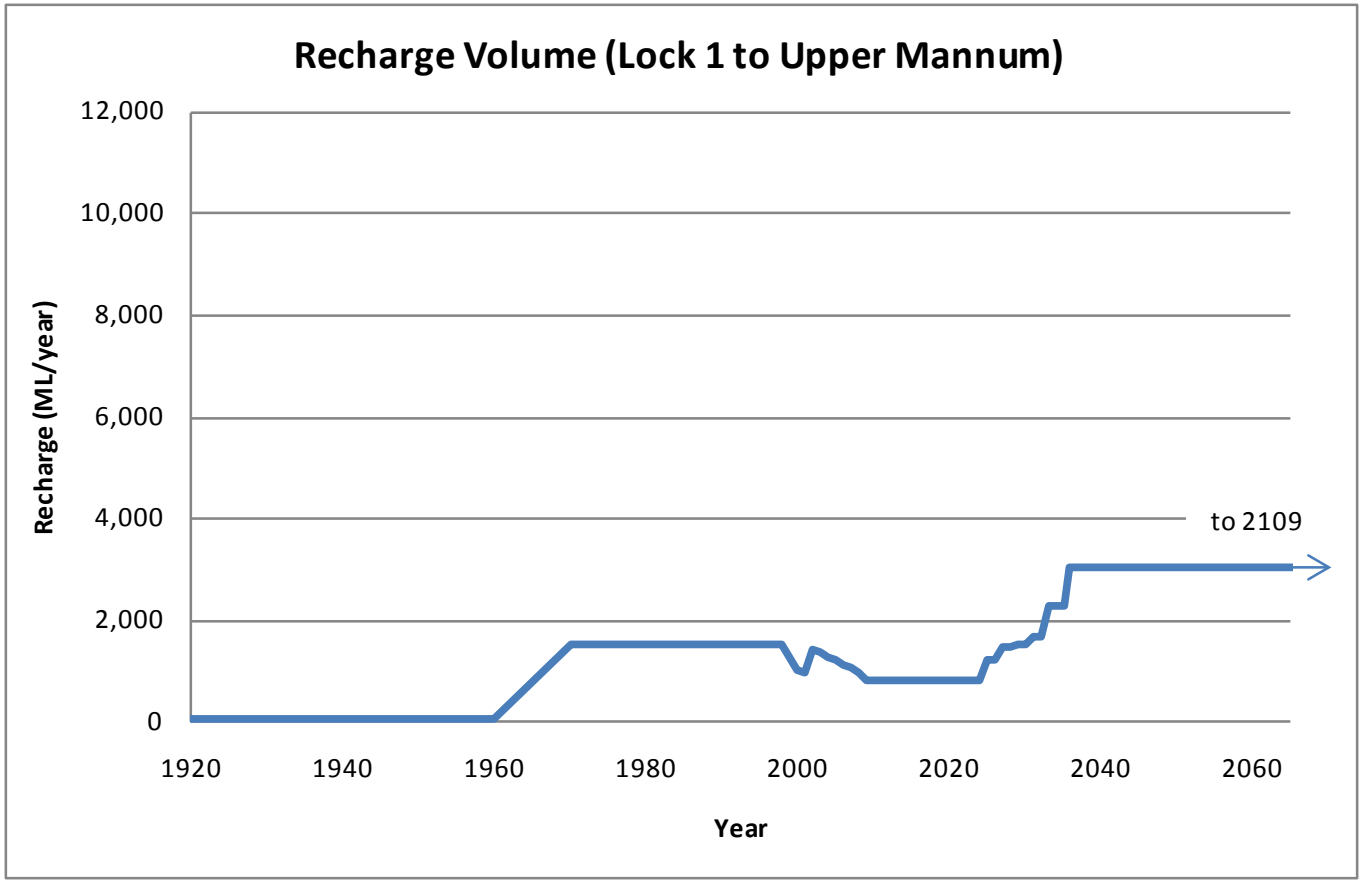
A-2(S5). Model recharge zones, irrigation start time, lag time and recharge rates (mm/yr) in the Morgan to Wellington area (Scenario 5)

						Pre 88 Irrigation							Post 88 Irrigation					Future Dev.
Irrigation Start year				*1920*	*1920*	*1920*	*1920*	*1929*	*1960*	*1960*	*1970*	*1995*	*1997*	*1999*	*2001*	*2003*	*2006*	*2015*
Lag time (yrs)				40	15	40	40	0	20	35	30	20	20	20	20	20	20	40
Start (Year)	Stop (Year)	Start (day)	Stop (day)	Zone 14	Zone 16	Zone 4	Zone 5	Zone 6	Zone 7	Zone 15	Zone 8	Zone 9	Zone 10	Zone 11	Zone 12	Zone 13	Zone 3	Zone 17
2022	2023	*37255*	*37620*	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2023	2024	*37620*	*37986*	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2024	2025	*37986*	*38351*	100	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07
2025	2026	*38351*	*38716*	100	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07	0.07
2026	2027	*38716*	*39081*	100	100	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07
2027	2028	*39081*	*39447*	100	100	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07	0.07
2028	2029	*39447*	*39812*	100	100	100	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07
2029	2030	*39812*	*40177*	100	100	100	100	100	100	100	100	100	100	100	0.07	0.07	0.07	0.07
2030	2031	*40177*	*40542*	100	100	100	100	100	100	100	100	100	100	100	100	0.07	0.07	0.07
2031	2032	*40542*	*40908*	100	100	100	100	100	100	100	100	100	100	100	100	0.07	0.07	0.07
2032	2033	*40908*	*41273*	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07	0.07
2033	2034	*41273*	*41638*	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07	0.07
2034	2035	*41638*	*42003*	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07	0.07
2035	2036	*42003*	*42369*	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2036	2037	*42369*	*42734*	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2037	2038	*42734*	*43099*	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2038	2039	*43099*	*43464*	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2039	2040	*43464*	*43830*	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2040	2041	*43830*	*44195*	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2041	2042	*44195*	*44560*	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2042	2043	*44560*	*44925*	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2043	2044	*44925*	*45291*	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2044	2045	*45291*	*45656*	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2045	2046	*45656*	*46021*	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2046	2047	*46021*	*46386*	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2047	2048	*46386*	*46752*	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2048	2049	*46752*	*47117*	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2049	2050	*47117*	*47482*	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2050	2051	*47482*	*47847*	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2051	2052	*47847*	*48213*	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2052	2053	*48213*	*48578*	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2053	2054	*48578*	*48943*	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2054	2055	*48943*	*49308*	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0.07
2055	2109	*49308*	*69032*	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2109	2110	*69032*	*69397*	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

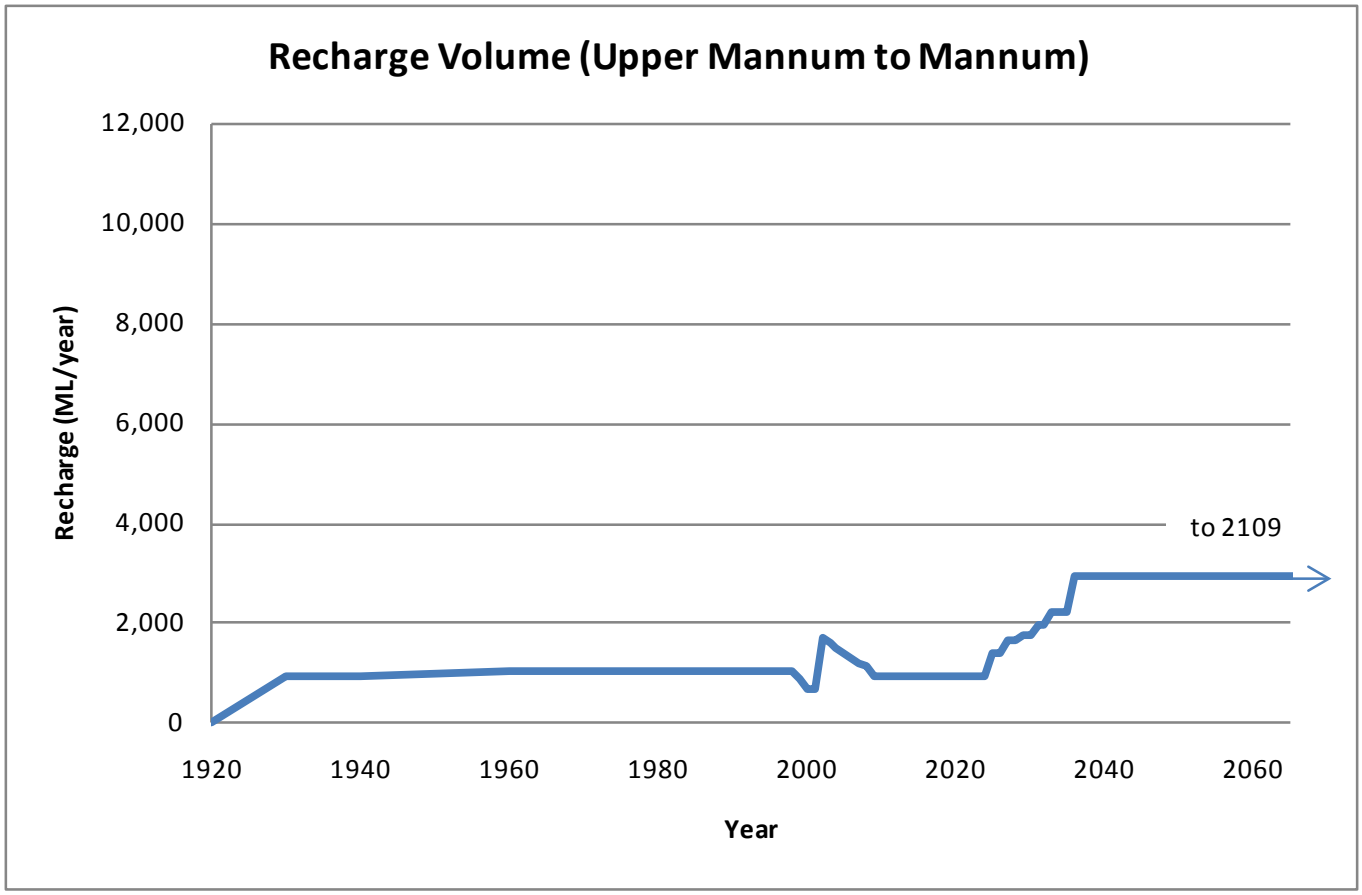
A-2(S5). Model recharge zones, irrigation start time, lag time and recharge rates (mm/yr) in the Morgan to Wellington area (Scenario 5)



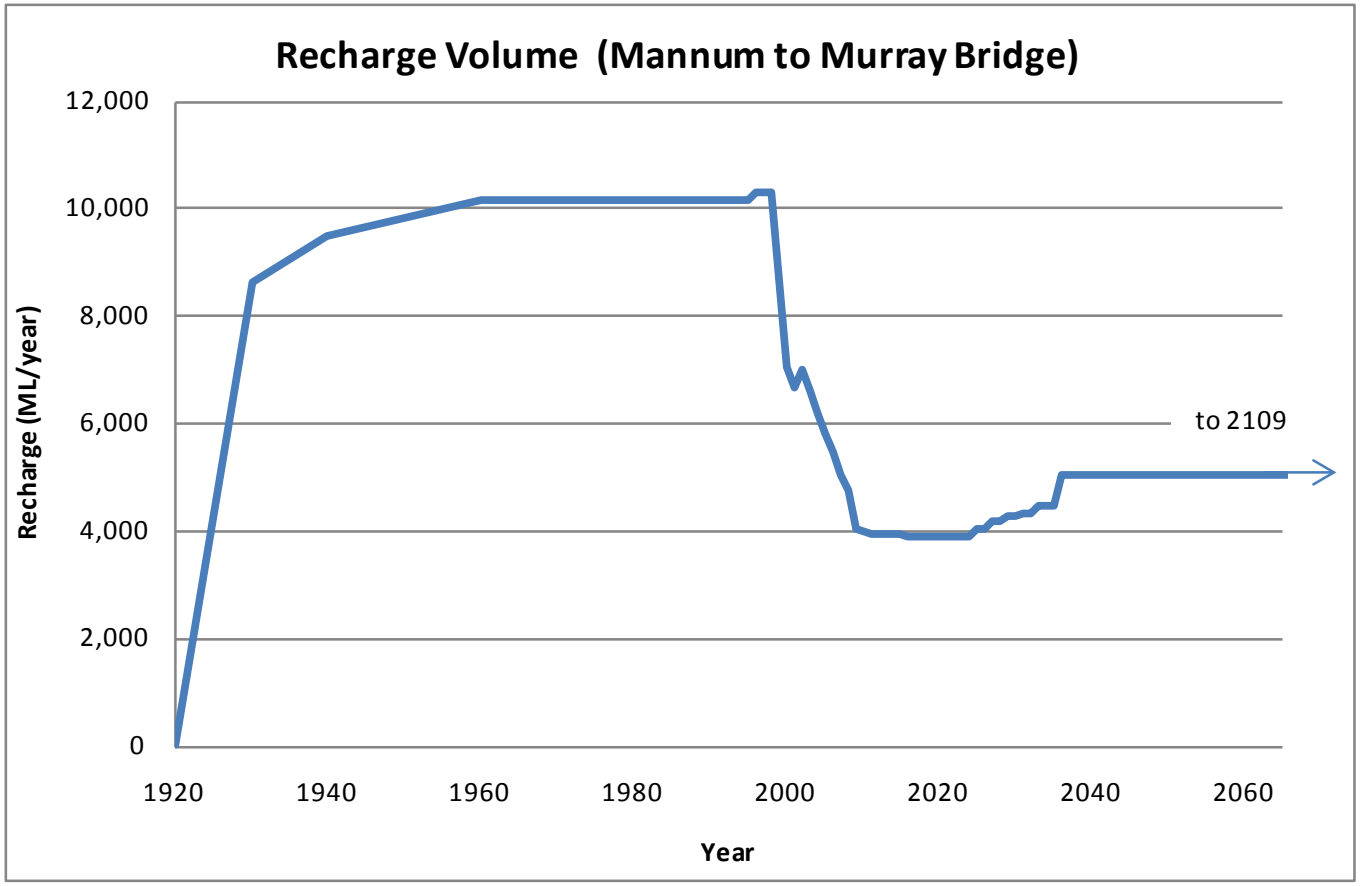
A-2(S5). Total recharge volume applied in the Morgan to Lock 1 area (Scenario 5)



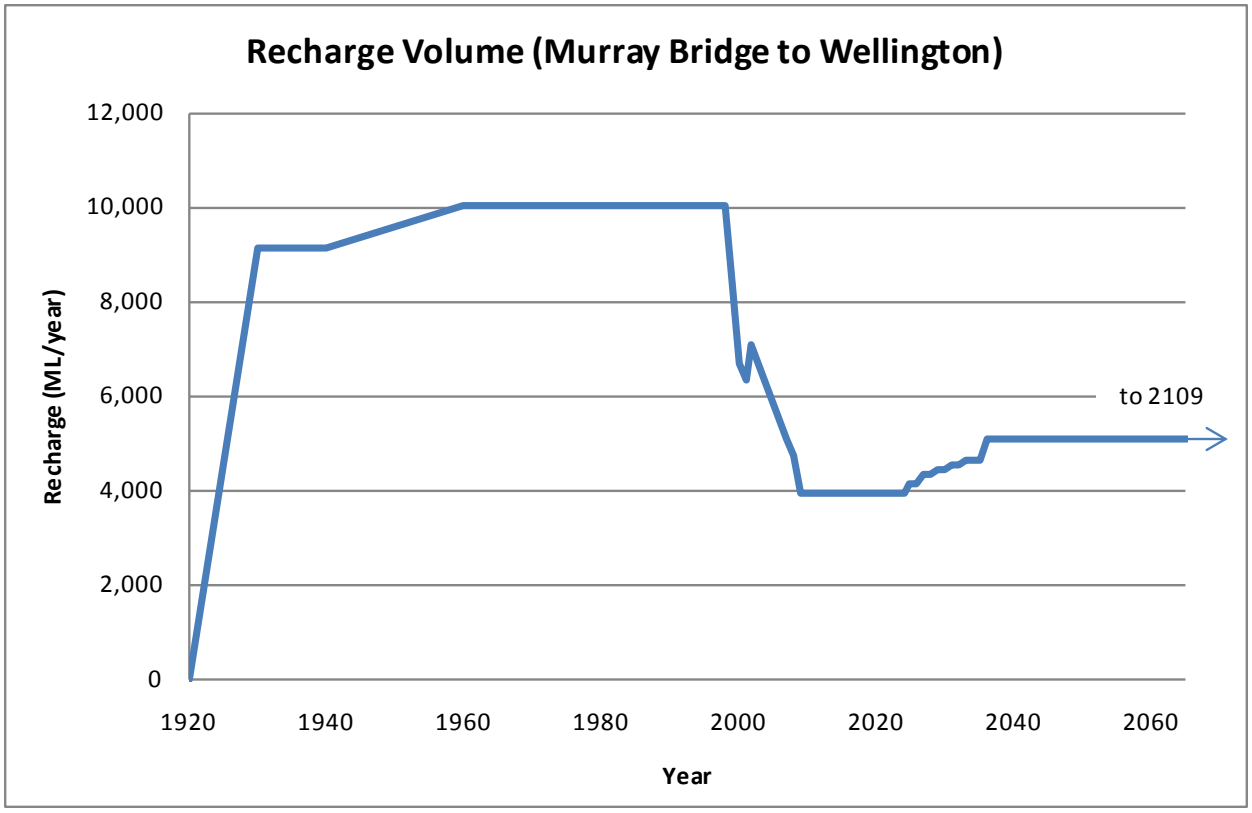
A-2(S5). Total recharge volume applied in the Lock 1 to Upper Mannum area (Scenario 5)



A-2(S5). Total recharge volume applied in the Upper Mannum to Mannum area (Scenario 5)



A-2(S5). Total recharge volume applied in the Mannum to Murray Bridge area (Scenario 5)



A-2(S5). Total recharge volume applied in the Murray Bridge to Wellington area (Scenario 5)

B. MODEL OUTPUTS (MODEL RESULTS – FLUX AND SALT LOAD)

B-1. SUMMARY OF FLUX AND SALT LOADS (ALL SCENARIOS)

- Model Output – Morgan to Lock 1, Lock 1 to Upper Mannum, Upper Mannum to Mannum, Mannum to Murray Bridge and Murray Bridge to Wellington Areas
- Modelled total salt load (tonnes/day) entering the River Murray (all scenarios)
- Modelled total flux (m^3/day) entering the River Murray (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
1920	3.1	3.1	3.1	3.1	3.1	3.1	3.1
1930	3.1	3.1	3.1	3.1	3.1	3.1	3.1
1950	3.1	3.1	3.1	3.1	3.1	3.1	3.1
1960	3.1	3.1	3.1	3.1	3.1	3.1	3.1
1970	3.1	3.1	3.1	3.1	3.1	3.1	3.1
1980	3.1	3.2	3.1	3.1	3.1	3.1	3.1
1988	3.1	3.2	3.1	3.1	3.1	3.1	3.1
1989	3.1	3.2	3.1	3.1	3.1	3.1	3.1
1990	3.1	3.2	3.1	3.1	3.1	3.1	3.1
1991	3.1	3.3	3.1	3.1	3.1	3.1	3.1
1992	3.1	3.3	3.1	3.1	3.1	3.1	3.1
1993	3.1	3.3	3.1	3.1	3.1	3.1	3.1
1994	3.1	3.3	3.1	3.1	3.1	3.1	3.1
1995	3.1	3.3	3.1	3.1	3.1	3.1	3.1
1996	3.1	3.3	3.1	3.1	3.1	3.1	3.1
1997	3.1	3.3	3.1	3.1	3.1	3.1	3.1
1998	3.1	3.4	3.1	3.1	3.1	3.1	3.1
1999	3.1	3.4	3.1	3.1	3.1	3.1	3.1
2000	3.1	3.5	3.1	3.1	3.1	3.1	3.1
2001	3.1	3.6	7.4	7.4	7.4	7.4	7.4
2002	3.1	3.6	9.1	9.1	9.1	9.1	9.1
2003	3.1	3.6	10.0	10.0	10.0	10.0	10.0
2004	3.1	3.7	10.4	10.4	10.4	10.4	10.4
2005	3.1	3.7	10.6	10.6	10.6	10.6	10.6
2006	3.1	3.7	10.7	10.7	10.7	10.7	10.7
2007	3.1	3.8	10.6	10.6	10.6	10.6	10.6
2008	3.1	3.8	10.2	10.2	10.2	10.2	10.2
2009	3.1	3.8	10.2	10.2	10.2	10.2	10.2
2010	3.1	4.0	10.2	10.2	10.2	10.2	10.2
2011	3.1	4.2	10.2	10.2	10.2	10.2	10.2
2012	3.1	4.3	10.3	10.3	10.3	10.3	10.3
2013	3.1	4.4	10.3	10.3	10.3	10.3	10.3
2014	3.1	4.5	10.4	10.4	10.4	10.4	10.4
2015	3.1	4.5	10.5	10.5	10.5	10.5	10.5
2016	3.1	4.6	10.5	10.5	10.5	10.5	10.5
2017	3.1	4.7	10.6	10.6	10.6	10.6	10.6
2018	3.1	4.7	10.6	10.6	10.6	10.6	10.6
2019	3.1	4.8	10.7	10.7	10.7	10.7	10.7
2020	3.1	5.1	10.7	10.7	10.7	10.7	10.7
2021	3.1	5.3	10.7	10.7	10.7	10.7	10.7
2022	3.1	5.5	10.8	10.8	10.8	10.8	10.8
2023	3.1	5.6	10.8	10.8	10.8	10.8	10.8
2024	3.1	5.8	10.8	10.8	10.8	11.5	11.5

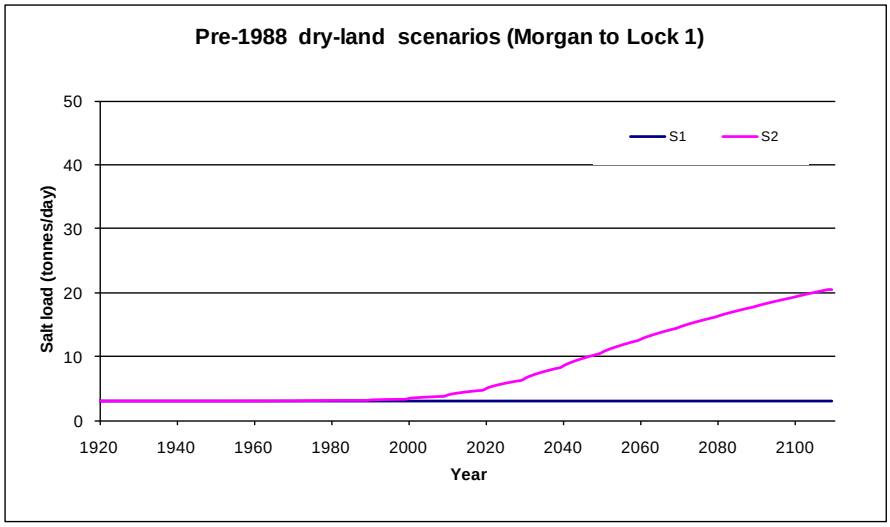
B-1-a. Modelled salt load (tonnes/day) entering the River Murray in the Morgan to Lock 1 Area (all scenarios)

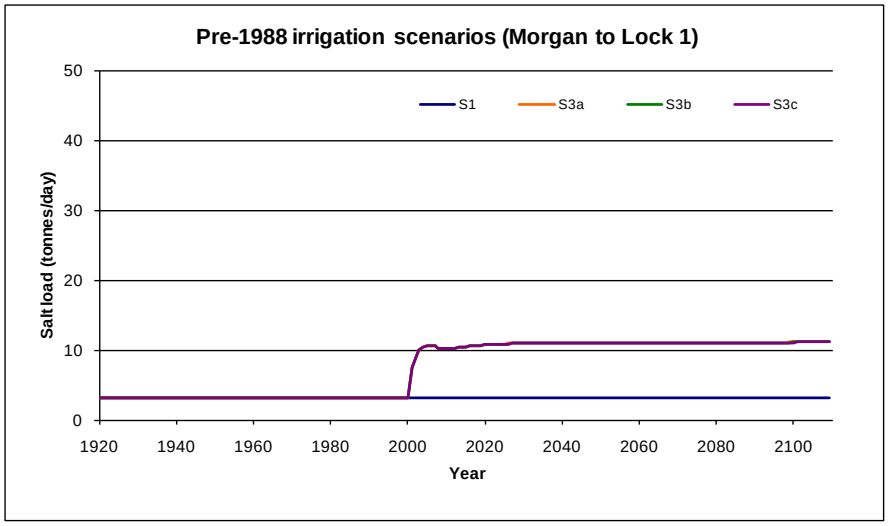
Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2025	3.1	5.9	10.9	10.9	10.9	11.8	11.8
2026	3.1	6.0	10.9	10.9	10.9	12.3	12.3
2027	3.1	6.1	10.9	10.9	10.9	12.6	12.6
2028	3.1	6.2	10.9	10.9	10.9	13.1	13.1
2029	3.1	6.3	10.9	10.9	10.9	13.4	13.4
2030	3.1	6.7	10.9	10.9	10.9	14.0	14.0
2031	3.1	7.0	10.9	10.9	10.9	14.3	14.3
2032	3.1	7.2	10.9	10.9	10.9	14.6	14.6
2033	3.1	7.4	10.9	10.9	10.9	14.8	14.8
2034	3.1	7.6	10.9	10.9	10.9	15.0	15.0
2035	3.1	7.7	10.9	10.9	10.9	15.4	15.4
2036	3.1	7.9	10.9	10.9	10.9	15.6	15.6
2037	3.1	8.0	10.9	10.9	10.9	15.9	15.9
2038	3.1	8.2	10.9	10.9	10.9	16.1	16.1
2039	3.1	8.3	10.9	10.9	10.9	16.3	16.4
2040	3.1	8.7	10.9	10.9	10.9	16.5	16.6
2041	3.1	9.0	10.9	10.9	10.9	16.7	16.7
2042	3.1	9.2	10.9	10.9	10.9	16.9	16.9
2043	3.1	9.4	10.9	10.9	10.9	17.0	17.0
2044	3.1	9.6	10.9	10.9	10.9	17.2	17.2
2045	3.1	9.8	10.9	10.9	10.9	17.3	17.3
2046	3.1	10.0	11.0	10.9	10.9	17.4	17.4
2047	3.1	10.2	11.0	10.9	10.9	17.5	17.5
2048	3.1	10.3	11.0	11.0	11.0	17.6	17.6
2049	3.1	10.5	11.0	11.0	11.0	17.7	17.7
2050	3.1	10.8	11.0	11.0	11.0	17.8	17.8
2051	3.1	11.1	11.0	11.0	11.0	17.8	17.8
2052	3.1	11.3	11.0	11.0	11.0	17.9	17.9
2053	3.1	11.5	11.0	11.0	11.0	18.0	18.0
2054	3.1	11.7	11.0	11.0	11.0	18.0	18.0
2055	3.1	11.9	11.0	11.0	11.0	18.1	18.1
2056	3.1	12.1	11.0	11.0	11.0	18.1	18.1
2057	3.1	12.2	11.0	11.0	11.0	18.2	18.2
2058	3.1	12.4	11.0	11.0	11.0	18.2	18.2
2059	3.1	12.6	11.0	11.0	11.0	18.2	18.2
2060	3.1	12.8	11.0	11.0	11.0	18.3	18.3
2061	3.1	13.1	11.0	11.0	11.0	18.3	18.3
2062	3.1	13.3	11.0	11.0	11.0	18.4	18.4
2063	3.1	13.5	11.0	11.0	11.0	18.4	18.4
2064	3.1	13.7	11.0	11.0	11.0	18.4	18.4
2065	3.1	13.8	11.0	11.0	11.0	18.5	18.5
2066	3.1	14.0	11.0	11.0	11.0	18.5	18.5

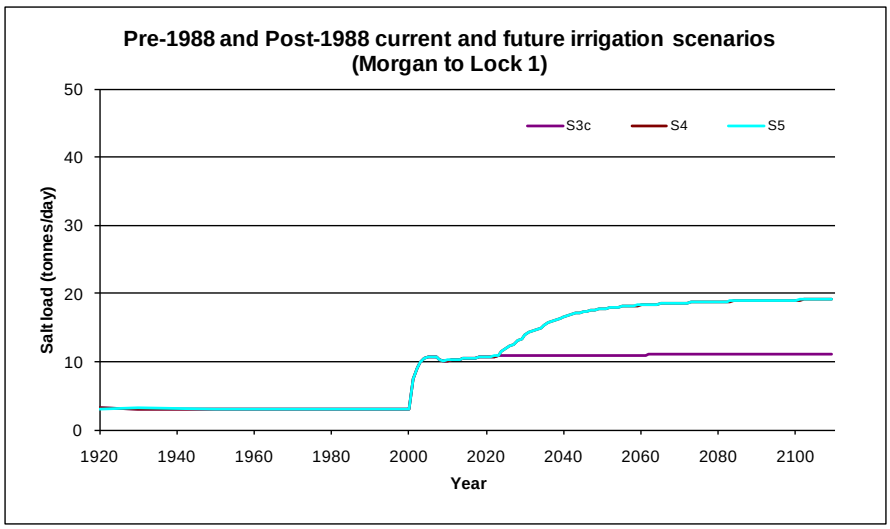
B-1-a. Modelled salt load (tonnes/day) entering the River Murray in the Morgan to Lock 1 Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2067	3.1	14.2	11.0	11.0	11.0	18.5	18.5
2068	3.1	14.3	11.0	11.0	11.0	18.5	18.5
2069	3.1	14.5	11.0	11.0	11.0	18.6	18.6
2070	3.1	14.7	11.0	11.0	11.0	18.6	18.6
2071	3.1	14.9	11.0	11.0	11.0	18.6	18.6
2072	3.1	15.1	11.0	11.0	11.0	18.6	18.6
2073	3.1	15.3	11.0	11.0	11.0	18.7	18.7
2074	3.1	15.5	11.0	11.0	11.0	18.7	18.7
2075	3.1	15.6	11.0	11.0	11.0	18.7	18.7
2076	3.1	15.8	11.0	11.0	11.0	18.7	18.7
2077	3.1	15.9	11.0	11.0	11.0	18.7	18.7
2078	3.1	16.1	11.0	11.0	11.0	18.8	18.8
2079	3.1	16.2	11.0	11.0	11.0	18.8	18.8
2080	3.1	16.4	11.0	11.0	11.0	18.8	18.8
2081	3.1	16.6	11.0	11.0	11.0	18.8	18.8
2082	3.1	16.8	11.0	11.0	11.0	18.8	18.8
2083	3.1	17.0	11.0	11.0	11.0	18.8	18.8
2084	3.1	17.1	11.0	11.0	11.0	18.9	18.8
2085	3.1	17.3	11.0	11.0	11.0	18.9	18.9
2086	3.1	17.4	11.1	11.0	11.0	18.9	18.9
2087	3.1	17.6	11.1	11.0	11.0	18.9	18.9
2088	3.1	17.7	11.1	11.1	11.1	18.9	18.9
2089	3.1	17.8	11.1	11.1	11.1	18.9	18.9
2090	3.1	18.0	11.1	11.1	11.1	18.9	18.9
2091	3.1	18.2	11.1	11.1	11.1	18.9	18.9
2092	3.1	18.3	11.1	11.1	11.1	19.0	19.0
2093	3.1	18.5	11.1	11.1	11.1	19.0	19.0
2094	3.1	18.6	11.1	11.1	11.1	19.0	19.0
2095	3.1	18.8	11.1	11.1	11.1	19.0	19.0
2096	3.1	18.9	11.1	11.1	11.1	19.0	19.0
2097	3.1	19.0	11.1	11.1	11.1	19.0	19.0
2098	3.1	19.2	11.1	11.1	11.1	19.0	19.0
2099	3.1	19.3	11.1	11.1	11.1	19.0	19.0
2100	3.1	19.5	11.1	11.1	11.1	19.0	19.0
2101	3.1	19.6	11.1	11.1	11.1	19.1	19.0
2102	3.1	19.7	11.1	11.1	11.1	19.1	19.1
2103	3.1	19.9	11.1	11.1	11.1	19.1	19.1
2104	3.1	20.0	11.1	11.1	11.1	19.1	19.1
2105	3.1	20.1	11.1	11.1	11.1	19.1	19.1
2106	3.1	20.3	11.1	11.1	11.1	19.1	19.1
2107	3.1	20.4	11.1	11.1	11.1	19.1	19.1
2108	3.1	20.5	11.1	11.1	11.1	19.1	19.1
2109	3.1	20.5	11.1	11.1	11.1	19.1	19.1

B-1-a. Modelled salt load (tonnes/day) entering the River Murray in the Morgan to Lock 1 Area (all scenarios)







B-1-a. Graph of modelled salt load (tonnes/day) entering the River Murray in the Morgan to Lock 1 Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
1920	4.6	4.6	4.6	4.6	4.6	4.6	4.6
1930	4.6	4.6	4.6	4.6	4.6	4.6	4.6
1950	4.6	4.8	4.6	4.6	4.6	4.6	4.6
1960	4.6	4.9	4.7	4.7	4.7	4.7	4.7
1970	4.6	4.9	8.9	8.9	8.9	8.9	8.9
1980	4.6	5.0	10.2	10.2	10.2	10.2	10.2
1988	4.6	5.0	10.3	10.3	10.3	10.3	10.3
1989	4.6	5.0	10.4	10.4	10.4	10.4	10.4
1990	4.6	5.0	10.5	10.5	10.5	10.5	10.4
1991	4.6	5.1	10.5	10.5	10.5	10.5	10.5
1992	4.6	5.1	10.6	10.6	10.6	10.6	10.5
1993	4.6	5.1	10.6	10.6	10.6	10.6	10.6
1994	4.6	5.1	10.7	10.7	10.7	10.7	10.6
1995	4.6	5.1	10.8	10.8	10.8	10.8	10.7
1996	4.6	5.1	10.9	10.9	10.9	10.9	10.8
1997	4.6	5.1	10.9	10.9	10.9	10.9	10.9
1998	4.6	5.1	10.9	10.9	10.9	10.9	10.9
1999	4.6	5.1	10.8	10.8	10.8	10.8	10.7
2000	4.6	3.4	8.9	8.9	8.9	8.9	8.9
2001	4.6	3.8	10.0	10.0	10.0	10.0	10.0
2002	4.6	6.2	12.5	12.5	12.5	12.5	12.4
2003	4.6	7.8	14.1	14.1	14.1	14.1	14.1
2004	4.6	4.7	10.9	10.9	10.9	10.9	10.9
2005	4.6	5.0	11.1	11.1	11.1	11.1	11.1
2006	4.6	5.1	11.0	11.0	11.0	11.0	11.0
2007	4.6	9.6	15.4	15.4	15.4	15.4	15.3
2008	4.6	22.0	27.5	27.5	27.5	27.5	27.4
2009	4.6	30.5	35.8	35.8	35.8	35.8	35.7
2010	4.6	23.5	28.6	28.6	28.6	28.6	28.6
2011	4.6	20.2	25.1	25.1	25.1	25.1	25.1
2012	4.6	18.2	23.0	23.0	23.0	23.0	23.0
2013	4.6	16.8	21.5	21.5	21.5	21.5	21.5
2014	4.6	15.7	20.4	20.4	20.4	20.4	20.4
2015	4.6	14.9	19.5	19.5	19.5	19.5	19.5
2016	4.6	14.3	18.8	18.8	18.8	18.8	18.8
2017	4.6	13.7	18.2	18.2	18.2	18.2	18.2
2018	4.6	13.3	17.7	17.7	17.7	17.7	17.7
2019	4.6	12.9	17.2	17.2	17.2	17.2	17.2
2020	4.6	12.6	16.9	16.9	16.9	16.9	16.8
2021	4.6	12.3	16.5	16.5	16.5	16.5	16.5
2022	4.6	12.0	16.2	16.3	16.3	16.3	16.2
2023	4.6	11.8	16.0	16.0	16.0	16.0	16.0
2024	4.6	11.6	15.8	15.8	15.8	16.1	16.0

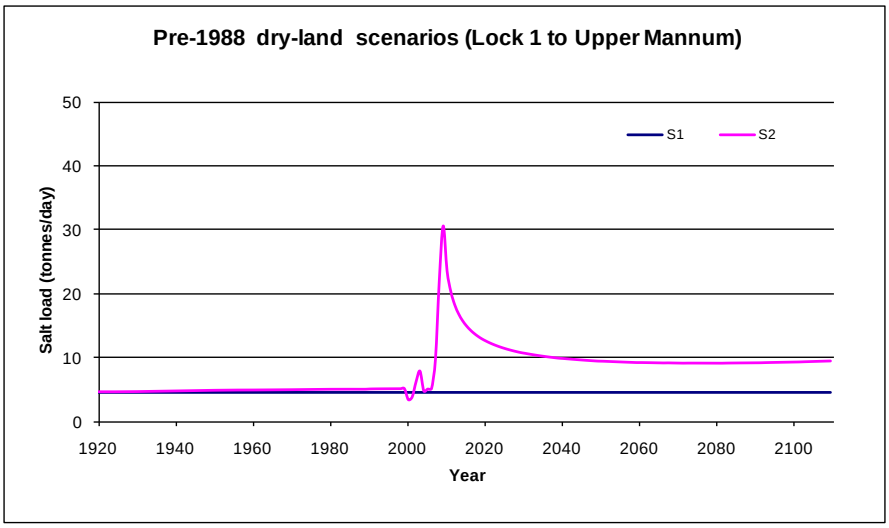
B-1-b. Modelled salt load (tonnes/day) entering the River Murray in the Lock 1 to Upper Mannum Area (all scenarios)

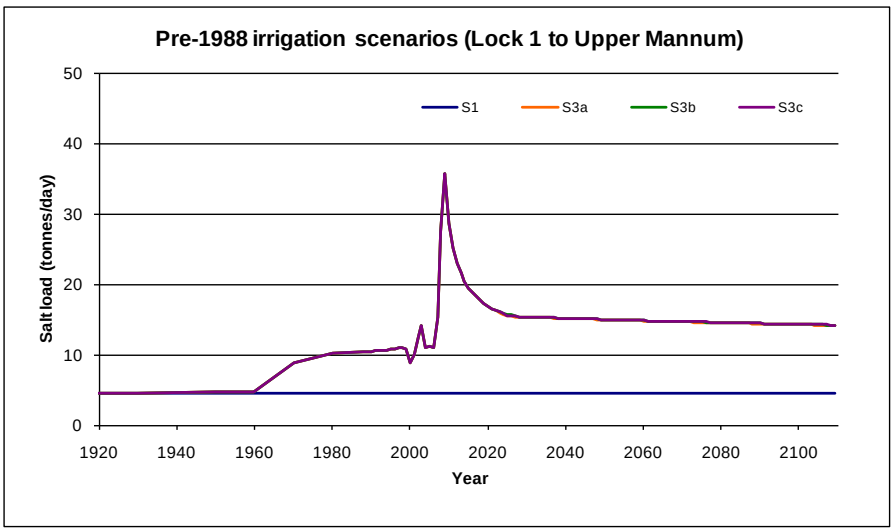
Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2025	4.6	11.4	15.6	15.6	15.6	15.9	15.9
2026	4.6	11.2	15.4	15.6	15.6	15.9	15.9
2027	4.6	11.0	15.4	15.4	15.4	15.9	15.8
2028	4.6	10.9	15.4	15.4	15.4	15.8	15.8
2029	4.6	10.7	15.3	15.4	15.4	15.8	15.8
2030	4.6	10.6	15.3	15.3	15.3	15.9	15.9
2031	4.6	10.5	15.3	15.3	15.3	16.0	16.0
2032	4.6	10.4	15.3	15.3	15.3	16.3	16.3
2033	4.6	10.3	15.3	15.3	15.3	16.4	16.4
2034	4.6	10.2	15.2	15.3	15.3	16.5	16.5
2035	4.6	10.1	15.2	15.2	15.2	16.9	16.9
2036	4.6	10.1	15.2	15.2	15.2	17.2	17.2
2037	4.6	10.0	15.2	15.2	15.2	17.4	17.4
2038	4.6	9.9	15.2	15.2	15.2	17.6	17.5
2039	4.6	9.8	15.1	15.2	15.2	17.7	17.7
2040	4.6	9.8	15.1	15.2	15.2	17.8	17.8
2041	4.6	9.8	15.1	15.1	15.1	18.0	17.9
2042	4.6	9.7	15.1	15.1	15.1	18.1	18.0
2043	4.6	9.7	15.1	15.1	15.1	18.2	18.2
2044	4.6	9.6	15.1	15.1	15.1	18.3	18.3
2045	4.6	9.6	15.0	15.1	15.1	18.4	18.3
2046	4.6	9.5	15.0	15.0	15.0	18.4	18.4
2047	4.6	9.5	15.0	15.0	15.0	18.5	18.5
2048	4.6	9.4	15.0	15.0	15.0	18.6	18.6
2049	4.6	9.4	15.0	15.0	15.0	18.7	18.7
2050	4.6	9.4	15.0	15.0	15.0	18.8	18.8
2051	4.6	9.4	14.9	15.0	15.0	18.8	18.8
2052	4.6	9.3	14.9	14.9	14.9	18.9	18.9
2053	4.6	9.3	14.9	14.9	14.9	19.0	19.0
2054	4.6	9.3	14.9	14.9	14.9	19.1	19.0
2055	4.6	9.3	14.9	14.9	14.9	19.1	19.1
2056	4.6	9.2	14.9	14.9	14.9	19.2	19.2
2057	4.6	9.2	14.8	14.9	14.9	19.3	19.2
2058	4.6	9.2	14.8	14.8	14.8	19.3	19.3
2059	4.6	9.2	14.8	14.8	14.8	19.4	19.4
2060	4.6	9.2	14.8	14.8	14.8	19.4	19.4
2061	4.6	9.2	14.8	14.8	14.8	19.5	19.5
2062	4.6	9.2	14.8	14.8	14.8	19.6	19.5
2063	4.6	9.1	14.7	14.8	14.8	19.6	19.6
2064	4.6	9.1	14.7	14.8	14.8	19.7	19.7
2065	4.6	9.1	14.7	14.7	14.7	19.7	19.7
2066	4.6	9.1	14.7	14.7	14.7	19.8	19.8

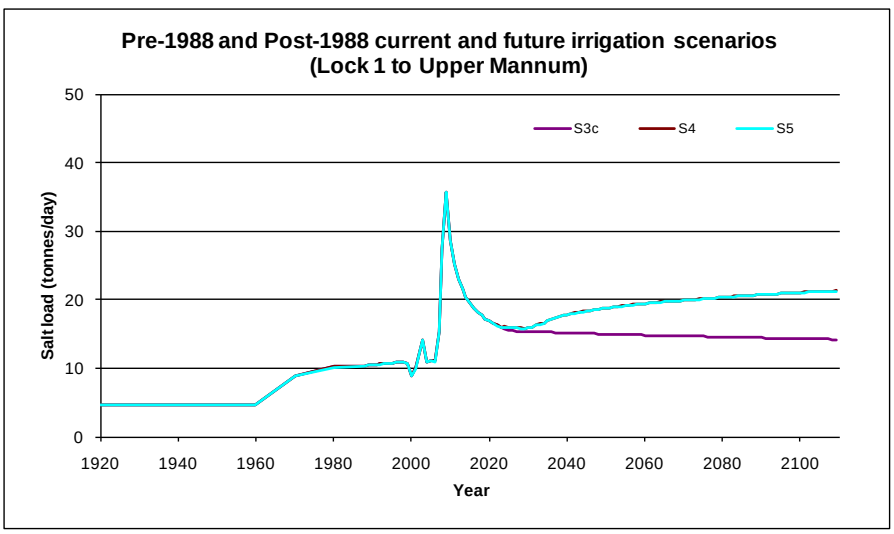
B-1-b. Modelled salt load (tonnes/day) entering the River Murray in the Lock 1 to Upper Mannum Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2067	4.6	9.1	14.7	14.7	14.7	19.7	19.7
2068	4.6	9.1	14.7	14.7	14.7	19.8	19.8
2069	4.6	9.1	14.7	14.7	14.7	19.8	19.8
2070	4.6	9.1	14.6	14.7	14.7	19.9	19.9
2071	4.6	9.1	14.6	14.7	14.7	19.9	19.9
2072	4.6	9.1	14.6	14.7	14.7	20.0	20.0
2073	4.6	9.1	14.6	14.6	14.7	20.0	20.0
2074	4.6	9.1	14.6	14.6	14.6	20.1	20.1
2075	4.6	9.1	14.6	14.6	14.6	20.1	20.1
2076	4.6	9.1	14.6	14.6	14.6	20.2	20.2
2077	4.6	9.1	14.5	14.6	14.6	20.2	20.2
2078	4.6	9.1	14.5	14.6	14.6	20.3	20.2
2079	4.6	9.1	14.5	14.6	14.6	20.3	20.3
2080	4.6	9.1	14.5	14.5	14.6	20.3	20.3
2081	4.6	9.1	14.5	14.5	14.5	20.4	20.4
2082	4.6	9.1	14.5	14.5	14.5	20.4	20.4
2083	4.6	9.1	14.5	14.5	14.5	20.5	20.4
2084	4.6	9.1	14.5	14.5	14.5	20.5	20.5
2085	4.6	9.1	14.4	14.5	14.5	20.5	20.5
2086	4.6	9.1	14.4	14.5	14.5	20.6	20.6
2087	4.6	9.1	14.4	14.5	14.5	20.6	20.6
2088	4.6	9.1	14.4	14.4	14.4	20.7	20.6
2089	4.6	9.1	14.4	14.4	14.4	20.7	20.7
2090	4.6	9.1	14.4	14.4	14.4	20.7	20.7
2091	4.6	9.1	14.4	14.4	14.4	20.8	20.7
2092	4.6	9.2	14.3	14.4	14.4	20.8	20.8
2093	4.6	9.2	14.3	14.4	14.4	20.8	20.8
2094	4.6	9.2	14.3	14.4	14.4	20.9	20.9
2095	4.6	9.2	14.3	14.4	14.4	20.9	20.9
2096	4.6	9.2	14.3	14.3	14.3	20.9	20.9
2097	4.6	9.2	14.3	14.3	14.3	21.0	20.9
2098	4.6	9.2	14.3	14.3	14.3	21.0	21.0
2099	4.6	9.2	14.3	14.3	14.3	21.0	21.0
2100	4.6	9.3	14.3	14.3	14.3	21.1	21.0
2101	4.6	9.3	14.2	14.3	14.3	21.1	21.1
2102	4.6	9.3	14.2	14.3	14.3	21.1	21.1
2103	4.6	9.3	14.2	14.3	14.3	21.1	21.1
2104	4.6	9.3	14.2	14.2	14.3	21.2	21.2
2105	4.6	9.4	14.2	14.2	14.2	21.2	21.2
2106	4.6	9.4	14.2	14.2	14.2	21.2	21.2
2107	4.6	9.4	14.2	14.2	14.2	21.2	21.2
2108	4.6	9.4	14.2	14.2	14.2	21.3	21.3
2109	4.6	9.4	14.2	14.2	14.2	21.3	21.3

B-1-b. Modelled salt load (tonnes/day) entering the River Murray in the Lock 1 to Upper Mannum Area (all scenarios)







B-1-b. Graphs of modelled salt load (tonnes/day) entering the River Murray in the Lock 1 to Upper Mannum Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
1920	3.6	3.9	3.9	3.9	3.9	3.9	3.9
1930	3.6	3.9	3.8	3.8	3.8	3.8	3.8
1950	3.6	4.3	3.7	3.7	3.7	3.7	3.7
1960	3.6	4.5	3.7	3.7	3.7	3.7	3.7
1970	3.6	4.6	3.7	3.7	3.7	3.7	3.7
1980	3.6	4.8	3.6	3.6	3.6	3.6	3.6
1988	3.6	4.8	3.6	3.6	3.6	3.6	3.6
1989	3.6	4.8	3.6	3.6	3.6	3.6	3.6
1990	3.6	4.9	3.6	3.6	3.6	3.6	3.6
1991	3.6	4.9	3.6	3.6	3.6	3.6	3.6
1992	3.6	4.9	3.6	3.6	3.6	3.6	3.6
1993	3.6	4.9	3.6	3.6	3.6	3.6	3.6
1994	3.6	4.9	3.6	3.6	3.6	3.6	3.6
1995	3.6	4.9	3.6	3.6	3.6	3.6	3.6
1996	3.6	4.9	3.6	3.6	3.6	3.6	3.6
1997	3.6	4.9	3.6	3.6	3.6	3.6	3.6
1998	3.6	4.9	3.6	3.6	3.6	3.6	3.6
1999	3.6	4.9	3.6	3.6	3.6	3.6	3.6
2000	3.6	4.1	3.3	3.3	3.3	3.3	3.3
2001	3.6	4.4	5.2	5.2	5.2	5.2	5.2
2002	3.6	5.8	7.6	7.6	7.6	7.6	7.6
2003	3.6	7.1	9.3	9.3	9.3	9.3	9.3
2004	3.6	4.8	7.1	7.1	7.1	7.1	7.1
2005	3.6	5.0	7.4	7.4	7.4	7.4	7.4
2006	3.6	5.1	7.4	7.4	7.4	7.4	7.4
2007	3.6	8.5	10.8	10.8	10.8	10.8	10.8
2008	3.6	19.5	21.6	21.6	21.6	21.6	21.6
2009	3.6	27.4	29.4	29.4	29.4	29.4	29.4
2010	3.6	21.1	23.0	23.0	23.0	23.0	23.0
2011	3.6	18.2	20.1	20.1	20.1	20.1	20.1
2012	3.6	16.5	18.3	18.3	18.3	18.3	18.3
2013	3.6	15.3	17.1	17.1	17.1	17.1	17.1
2014	3.6	14.4	16.2	16.2	16.2	16.2	16.2
2015	3.6	13.7	15.5	15.6	15.6	15.6	15.6
2016	3.6	13.2	15.0	15.0	15.0	15.0	15.0
2017	3.6	12.8	14.6	14.6	14.6	14.6	14.6
2018	3.6	12.4	14.2	14.2	14.2	14.2	14.2
2019	3.6	12.1	13.9	13.9	13.9	13.9	13.9
2020	3.6	11.9	13.7	13.7	13.7	13.7	13.7
2021	3.6	11.6	13.4	13.4	13.5	13.5	13.4
2022	3.6	11.4	13.2	13.3	13.3	13.3	13.2
2023	3.6	11.2	13.1	13.1	13.1	13.1	13.1
2024	3.6	11.1	12.9	12.9	12.9	13.5	13.5

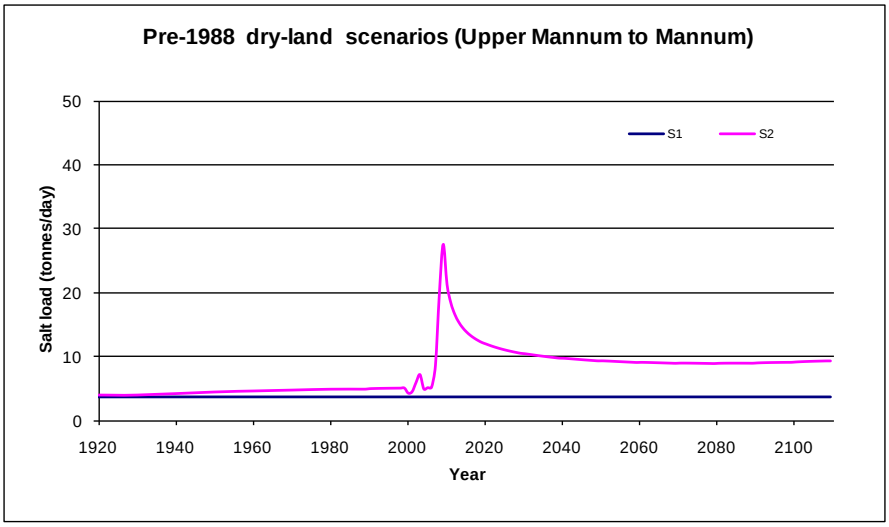
B-1-c. Modelled salt load (tonnes/day) entering the River Murray in the Upper Mannum to Mannum Area (all scenarios)

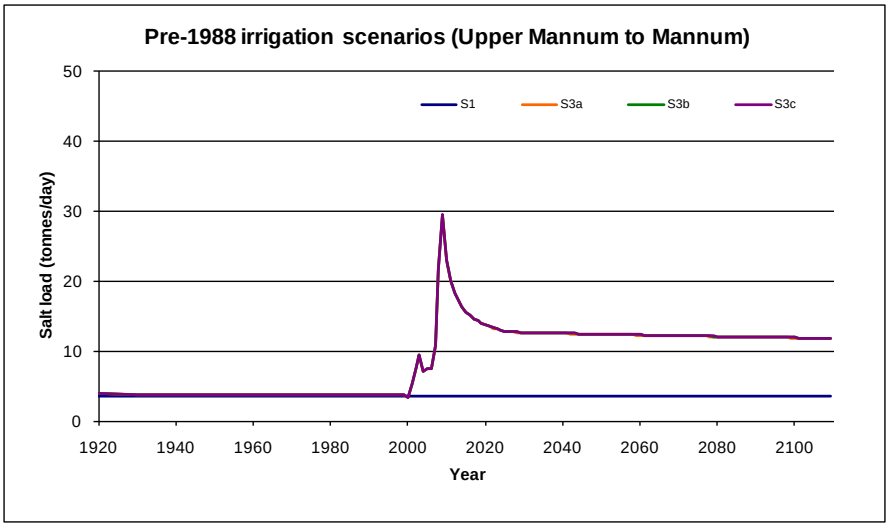
Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2025	3.6	10.9	12.8	12.8	12.8	13.7	13.6
2026	3.6	10.8	12.7	12.8	12.8	13.9	13.9
2027	3.6	10.6	12.6	12.7	12.7	14.0	14.0
2028	3.6	10.5	12.6	12.7	12.7	14.2	14.2
2029	3.6	10.4	12.6	12.6	12.6	14.3	14.3
2030	3.6	10.3	12.6	12.6	12.6	14.5	14.5
2031	3.6	10.2	12.6	12.6	12.6	14.7	14.7
2032	3.6	10.2	12.6	12.6	12.6	15.1	15.1
2033	3.6	10.1	12.6	12.6	12.6	15.3	15.3
2034	3.6	10.0	12.6	12.6	12.6	15.5	15.5
2035	3.6	9.9	12.5	12.6	12.6	16.1	16.1
2036	3.6	9.8	12.5	12.5	12.5	16.5	16.5
2037	3.6	9.8	12.5	12.5	12.5	16.8	16.8
2038	3.6	9.7	12.5	12.5	12.5	17.1	17.1
2039	3.6	9.6	12.5	12.5	12.5	17.4	17.4
2040	3.6	9.6	12.5	12.5	12.5	17.6	17.6
2041	3.6	9.6	12.5	12.5	12.5	17.8	17.8
2042	3.6	9.5	12.5	12.5	12.5	18.0	18.0
2043	3.6	9.5	12.4	12.5	12.5	18.2	18.2
2044	3.6	9.4	12.4	12.4	12.4	18.3	18.3
2045	3.6	9.4	12.4	12.4	12.4	18.5	18.5
2046	3.6	9.3	12.4	12.4	12.4	18.6	18.6
2047	3.6	9.3	12.4	12.4	12.4	18.8	18.8
2048	3.6	9.2	12.4	12.4	12.4	18.9	18.9
2049	3.6	9.2	12.4	12.4	12.4	19.0	19.0
2050	3.6	9.2	12.4	12.4	12.4	19.2	19.2
2051	3.6	9.2	12.3	12.4	12.4	19.3	19.3
2052	3.6	9.2	12.3	12.3	12.3	19.4	19.4
2053	3.6	9.1	12.3	12.3	12.3	19.5	19.5
2054	3.6	9.1	12.3	12.3	12.3	19.6	19.6
2055	3.6	9.1	12.3	12.3	12.3	19.6	19.6
2056	3.6	9.0	12.3	12.3	12.3	19.7	19.7
2057	3.6	9.0	12.3	12.3	12.3	19.8	19.8
2058	3.6	9.0	12.3	12.3	12.3	19.9	19.9
2059	3.6	9.0	12.3	12.3	12.3	20.0	20.0
2060	3.6	9.0	12.2	12.3	12.3	20.0	20.0
2061	3.6	9.0	12.2	12.2	12.2	20.1	20.1
2062	3.6	9.0	12.2	12.2	12.2	20.2	20.2
2063	3.6	8.9	12.2	12.2	12.2	20.2	20.2
2064	3.6	8.9	12.2	12.2	12.2	20.3	20.3
2065	3.6	8.9	12.2	12.2	12.2	20.4	20.3
2066	3.6	8.9	12.2	12.2	12.2	20.4	20.4

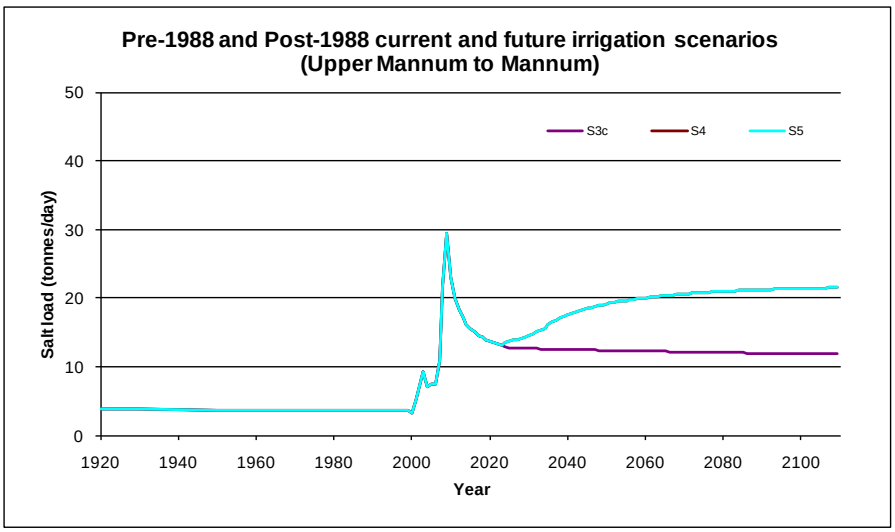
B-1-c. Modelled salt load (tonnes/day) entering the River Murray in the Upper Mannum to Mannum Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2067	3.6	8.9	12.2	12.2	12.2	20.5	20.5
2068	3.6	8.8	12.2	12.2	12.2	20.5	20.5
2069	3.6	8.8	12.1	12.2	12.2	20.6	20.5
2070	3.6	8.9	12.1	12.1	12.2	20.6	20.6
2071	3.6	8.9	12.1	12.1	12.1	20.6	20.6
2072	3.6	8.9	12.1	12.1	12.1	20.7	20.7
2073	3.6	8.8	12.1	12.1	12.1	20.7	20.7
2074	3.6	8.8	12.1	12.1	12.1	20.8	20.8
2075	3.6	8.8	12.1	12.1	12.1	20.8	20.8
2076	3.6	8.8	12.1	12.1	12.1	20.8	20.8
2077	3.6	8.8	12.1	12.1	12.1	20.9	20.9
2078	3.6	8.8	12.1	12.1	12.1	20.9	20.9
2079	3.6	8.8	12.0	12.1	12.1	20.9	20.9
2080	3.6	8.8	12.0	12.0	12.1	21.0	21.0
2081	3.6	8.8	12.0	12.0	12.0	21.0	21.0
2082	3.6	8.8	12.0	12.0	12.0	21.0	21.0
2083	3.6	8.8	12.0	12.0	12.0	21.1	21.1
2084	3.6	8.8	12.0	12.0	12.0	21.1	21.1
2085	3.6	8.8	12.0	12.0	12.0	21.1	21.1
2086	3.6	8.8	12.0	12.0	12.0	21.1	21.1
2087	3.6	8.8	12.0	12.0	12.0	21.2	21.2
2088	3.6	8.8	12.0	12.0	12.0	21.2	21.2
2089	3.6	8.8	12.0	12.0	12.0	21.2	21.2
2090	3.6	8.9	11.9	12.0	12.0	21.2	21.2
2091	3.6	8.9	11.9	11.9	11.9	21.2	21.2
2092	3.6	8.9	11.9	11.9	11.9	21.3	21.3
2093	3.6	8.9	11.9	11.9	11.9	21.3	21.3
2094	3.6	8.9	11.9	11.9	11.9	21.3	21.3
2095	3.6	9.0	11.9	11.9	11.9	21.3	21.3
2096	3.6	9.0	11.9	11.9	11.9	21.3	21.3
2097	3.6	9.0	11.9	11.9	11.9	21.4	21.3
2098	3.6	9.0	11.9	11.9	11.9	21.4	21.4
2099	3.6	9.0	11.9	11.9	11.9	21.4	21.4
2100	3.6	9.0	11.9	11.9	11.9	21.4	21.4
2101	3.6	9.1	11.8	11.9	11.9	21.4	21.4
2102	3.6	9.1	11.8	11.8	11.9	21.4	21.4
2103	3.6	9.1	11.8	11.8	11.8	21.4	21.4
2104	3.6	9.1	11.8	11.8	11.8	21.4	21.4
2105	3.6	9.2	11.8	11.8	11.8	21.5	21.5
2106	3.6	9.2	11.8	11.8	11.8	21.5	21.5
2107	3.6	9.2	11.8	11.8	11.8	21.5	21.5
2108	3.6	9.2	11.8	11.8	11.8	21.5	21.5
2109	3.6	9.2	11.8	11.8	11.8	21.5	21.5

B-1-c. Modelled salt load (tonnes/day) entering the River Murray in the Upper Mannum to Mannum Area (all scenarios)







B-1-c. Graphs of modelled salt load (tonnes/day) entering the River Murray in the Upper Mannum to Mannum Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
1920	0.2	18.9	19.3	19.3	19.3	19.3	19.3
1930	0.2	18.9	22.2	22.2	22.2	22.2	22.2
1950	0.2	18.9	34.1	34.1	34.1	34.1	34.1
1960	0.2	18.9	42.6	42.6	42.6	42.6	42.6
1970	0.2	20.6	43.3	43.3	43.3	43.3	43.3
1980	0.2	21.0	43.6	43.6	43.6	43.6	43.6
1988	0.2	21.0	43.6	43.6	43.6	43.6	43.6
1989	0.2	21.0	43.7	43.7	43.7	43.7	43.7
1990	0.2	21.2	43.7	43.7	43.7	43.7	43.7
1991	0.2	21.3	43.7	43.7	43.7	43.7	43.7
1992	0.2	21.3	43.7	43.7	43.7	43.7	43.7
1993	0.2	21.4	43.7	43.7	43.7	43.7	43.7
1994	0.2	21.4	43.7	43.7	43.7	43.7	43.7
1995	0.2	21.4	44.2	44.2	44.2	44.2	44.2
1996	0.2	21.4	44.6	44.6	44.6	44.6	44.6
1997	0.2	21.4	44.9	44.9	44.9	44.9	44.9
1998	0.2	21.4	45.4	44.6	44.6	44.6	44.6
1999	0.2	21.4	45.3	44.2	42.8	42.8	42.8
2000	0.2	19.1	41.5	40.3	37.7	37.7	37.7
2001	0.2	20.1	43.7	42.3	38.7	38.7	38.6
2002	0.2	23.0	47.7	46.3	41.5	41.5	41.5
2003	0.2	25.0	50.3	48.8	42.8	42.8	42.8
2004	0.2	21.2	45.6	44.0	37.5	37.5	37.5
2005	0.2	21.6	45.9	44.3	37.3	37.3	37.3
2006	0.2	21.8	45.9	44.3	36.7	36.7	36.6
2007	0.2	27.3	52.4	50.8	42.9	42.9	42.9
2008	0.2	46.1	73.1	71.3	62.9	62.9	62.9
2009	0.2	61.3	88.3	86.5	77.3	77.3	77.3
2010	0.2	48.5	75.0	73.1	63.3	63.3	63.3
2011	0.2	42.7	68.8	67.0	56.7	56.7	56.7
2012	0.2	39.4	65.3	63.4	52.8	52.8	52.8
2013	0.2	37.2	63.0	61.1	50.2	50.2	50.2
2014	0.2	35.7	61.3	59.4	48.2	48.2	48.2
2015	0.2	34.6	60.1	58.2	46.7	46.7	46.7
2016	0.2	33.7	59.1	57.2	45.5	45.5	45.5
2017	0.2	33.0	58.3	56.4	44.5	44.5	44.5
2018	0.2	32.4	57.6	55.7	43.5	43.5	43.5
2019	0.2	32.0	57.1	55.1	42.8	42.8	42.8
2020	0.2	31.7	56.6	54.6	42.3	42.3	42.3
2021	0.2	31.4	56.2	54.2	41.8	41.8	41.8
2022	0.2	31.1	55.8	53.9	41.4	41.4	41.4
2023	0.2	30.8	55.5	53.6	41.0	41.0	41.0
2024	0.2	30.6	55.2	53.3	40.7	41.3	41.2

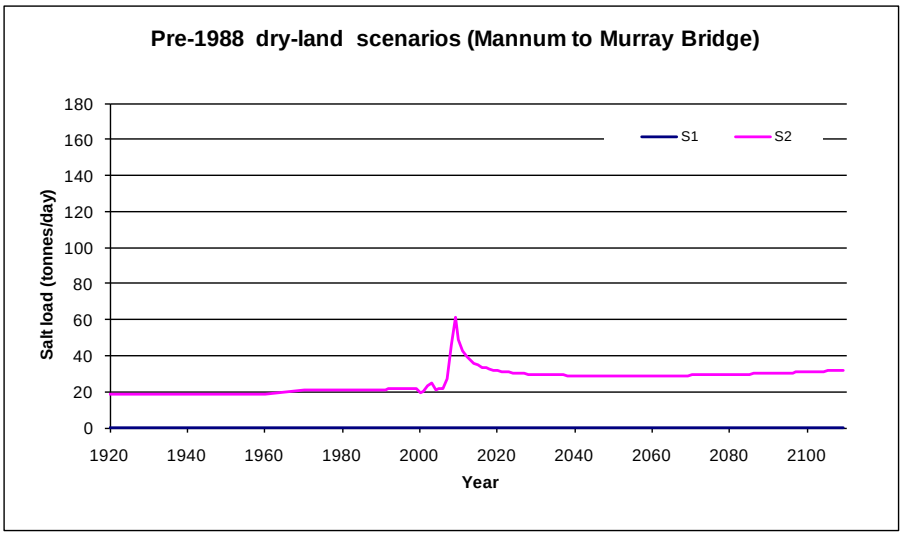
B-1-d. Modelled salt load (tonnes/day) entering the River Murray in the Mannum to Murray Bridge Area (all scenarios)

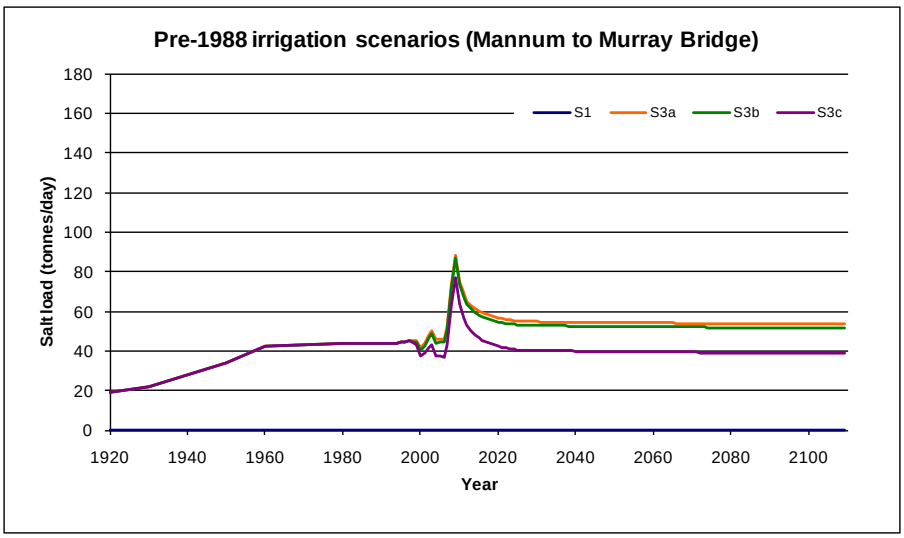
Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2025	0.2	30.4	55.0	53.1	40.5	41.3	41.2
2026	0.2	30.2	54.8	53.1	40.4	41.6	41.6
2027	0.2	30.0	54.8	52.9	40.2	41.7	41.7
2028	0.2	29.8	54.8	52.8	40.2	42.0	42.0
2029	0.2	29.7	54.7	52.8	40.2	42.1	42.1
2030	0.2	29.7	54.7	52.8	40.1	42.5	42.5
2031	0.2	29.6	54.7	52.8	40.1	42.7	42.7
2032	0.2	29.5	54.7	52.7	40.1	43.2	43.1
2033	0.2	29.5	54.6	52.7	40.1	43.4	43.4
2034	0.2	29.4	54.6	52.7	40.0	43.6	43.6
2035	0.2	29.3	54.6	52.7	40.0	44.6	44.6
2036	0.2	29.2	54.6	52.6	40.0	45.3	45.3
2037	0.2	29.1	54.6	52.6	40.0	45.8	45.7
2038	0.2	29.0	54.5	52.6	39.9	46.1	46.1
2039	0.2	29.0	54.5	52.6	39.9	46.3	46.3
2040	0.2	29.0	54.5	52.5	39.9	46.5	46.5
2041	0.2	29.0	54.5	52.5	39.8	46.7	46.7
2042	0.2	29.0	54.4	52.5	39.8	46.8	46.8
2043	0.2	29.0	54.4	52.5	39.8	46.9	46.9
2044	0.2	28.9	54.4	52.5	39.8	47.0	47.0
2045	0.2	28.9	54.4	52.4	39.8	47.0	47.0
2046	0.2	28.9	54.4	52.4	39.7	47.1	47.1
2047	0.2	28.8	54.3	52.4	39.7	47.1	47.1
2048	0.2	28.8	54.3	52.4	39.7	47.2	47.2
2049	0.2	28.8	54.3	52.3	39.7	47.2	47.2
2050	0.2	28.8	54.3	52.3	39.6	47.2	47.2
2051	0.2	28.9	54.3	52.3	39.6	47.3	47.3
2052	0.2	28.9	54.2	52.3	39.6	47.3	47.3
2053	0.2	28.9	54.2	52.3	39.6	47.3	47.3
2054	0.2	28.9	54.2	52.2	39.5	47.3	47.3
2055	0.2	28.9	54.2	52.2	39.5	47.3	47.4
2056	0.2	28.8	54.2	52.2	39.5	47.4	47.5
2057	0.2	28.8	54.1	52.2	39.5	47.4	47.5
2058	0.2	28.8	54.1	52.2	39.5	47.4	47.5
2059	0.2	28.8	54.1	52.2	39.4	47.4	47.6
2060	0.2	28.9	54.1	52.1	39.4	47.4	47.6
2061	0.2	28.9	54.1	52.1	39.4	47.4	47.6
2062	0.2	29.0	54.1	52.1	39.4	47.4	47.6
2063	0.2	29.0	54.0	52.1	39.3	47.4	47.6
2064	0.2	29.0	54.0	52.1	39.3	47.4	47.6
2065	0.2	29.0	54.0	52.0	39.3	47.4	47.6
2066	0.2	29.0	54.0	52.0	39.3	47.4	47.6

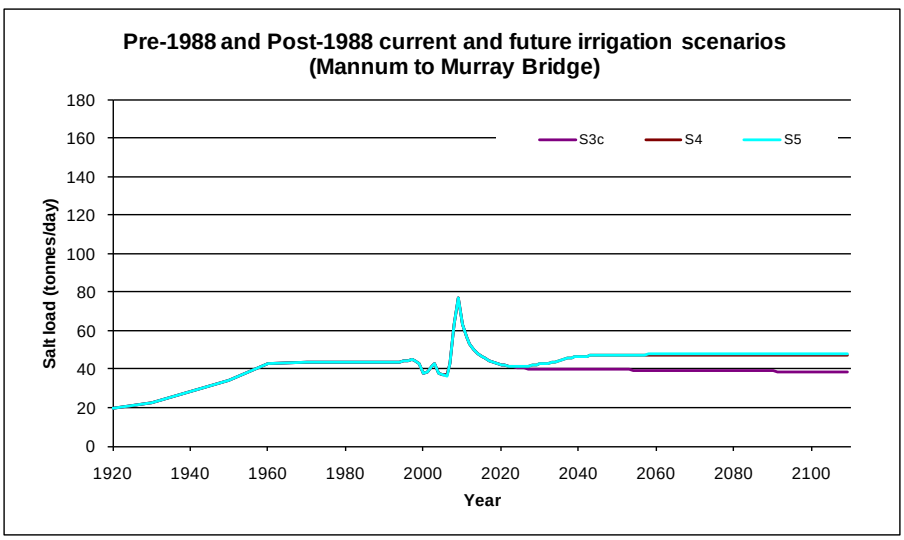
B-1-d. Modelled salt load (tonnes/day) entering the River Murray in the Mannum to Murray Bridge Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2067	0.2	29.0	54.0	52.0	39.3	47.4	47.6
2068	0.2	29.0	53.9	52.0	39.2	47.4	47.6
2069	0.2	29.0	53.9	52.0	39.2	47.4	47.6
2070	0.2	29.1	53.9	51.9	39.2	47.4	47.6
2071	0.2	29.2	53.9	51.9	39.2	47.4	47.6
2072	0.2	29.2	53.9	51.9	39.2	47.4	47.6
2073	0.2	29.3	53.9	51.9	39.1	47.4	47.6
2074	0.2	29.3	53.8	51.9	39.1	47.4	47.6
2075	0.2	29.3	53.8	51.9	39.1	47.4	47.6
2076	0.2	29.4	53.8	51.8	39.1	47.4	47.6
2077	0.2	29.4	53.8	51.8	39.1	47.4	47.6
2078	0.2	29.4	53.8	51.8	39.0	47.4	47.6
2079	0.2	29.4	53.8	51.8	39.0	47.4	47.6
2080	0.2	29.5	53.7	51.8	39.0	47.4	47.6
2081	0.2	29.6	53.7	51.8	39.0	47.4	47.6
2082	0.2	29.7	53.7	51.7	39.0	47.4	47.6
2083	0.2	29.8	53.7	51.7	39.0	47.4	47.6
2084	0.2	29.8	53.7	51.7	38.9	47.4	47.6
2085	0.2	29.8	53.7	51.7	38.9	47.4	47.6
2086	0.2	29.9	53.7	51.7	38.9	47.4	47.6
2087	0.2	29.9	53.6	51.7	38.9	47.4	47.6
2088	0.2	30.0	53.6	51.7	38.9	47.4	47.6
2089	0.2	30.0	53.6	51.6	38.8	47.4	47.6
2090	0.2	30.1	53.6	51.6	38.8	47.4	47.6
2091	0.2	30.2	53.6	51.6	38.8	47.4	47.6
2092	0.2	30.3	53.6	51.6	38.8	47.4	47.6
2093	0.2	30.4	53.5	51.6	38.8	47.4	47.6
2094	0.2	30.5	53.5	51.6	38.8	47.4	47.6
2095	0.2	30.6	53.5	51.5	38.7	47.4	47.6
2096	0.2	30.6	53.5	51.5	38.7	47.4	47.6
2097	0.2	30.7	53.5	51.5	38.7	47.4	47.6
2098	0.2	30.7	53.5	51.5	38.7	47.4	47.6
2099	0.2	30.8	53.5	51.5	38.7	47.4	47.6
2100	0.2	30.9	53.4	51.5	38.7	47.4	47.6
2101	0.2	31.1	53.4	51.5	38.6	47.4	47.6
2102	0.2	31.2	53.4	51.4	38.6	47.4	47.6
2103	0.2	31.3	53.4	51.4	38.6	47.4	47.6
2104	0.2	31.4	53.4	51.4	38.6	47.4	47.6
2105	0.2	31.5	53.4	51.4	38.6	47.4	47.6
2106	0.2	31.6	53.4	51.4	38.6	47.4	47.6
2107	0.2	31.6	53.4	51.4	38.6	47.4	47.6
2108	0.2	31.7	53.3	51.4	38.5	47.4	47.6
2109	0.2	31.7	53.3	51.4	38.5	47.4	47.6

B-1-d. Modelled salt load (tonnes/day) entering the River Murray in the Mannum to Murray Bridge Area (all scenarios)







B-1-d. Graphs of modelled salt load (tonnes/day) entering the River Murray in the Mannum to Murray Bridge Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
1920	2.7	21.0	21.6	21.6	21.6	21.6	21.6
1930	2.7	21.0	18.1	18.1	18.1	18.1	18.1
1950	2.7	23.4	18.3	18.3	18.3	18.3	18.3
1960	2.7	24.5	32.9	32.9	32.9	32.9	32.9
1970	2.7	25.4	33.9	33.9	33.9	33.9	33.9
1980	2.7	26.4	34.3	34.3	34.3	34.3	34.3
1988	2.7	26.5	34.3	34.3	34.3	34.3	34.3
1989	2.7	26.5	34.3	34.3	34.3	34.3	34.3
1990	2.7	26.9	34.3	34.3	34.3	34.3	34.3
1991	2.7	27.1	34.3	34.3	34.3	34.3	34.3
1992	2.7	27.2	34.3	34.4	34.4	34.4	34.3
1993	2.7	27.4	34.4	34.4	34.4	34.4	34.4
1994	2.7	27.4	34.4	34.4	34.4	34.4	34.4
1995	2.7	27.5	34.4	34.4	34.4	34.4	34.4
1996	2.7	27.6	34.4	34.4	34.4	34.4	34.4
1997	2.7	27.7	34.4	34.4	34.4	34.4	34.4
1998	2.7	27.7	34.4	33.8	33.8	33.8	33.8
1999	2.7	27.8	33.8	32.6	32.6	32.6	32.6
2000	2.7	24.7	31.6	28.2	28.2	28.2	28.2
2001	2.7	26.1	30.5	32.7	32.7	32.7	32.7
2002	2.7	30.2	34.9	38.1	38.1	38.1	38.1
2003	2.7	33.1	39.6	41.6	41.6	41.6	41.6
2004	2.7	28.2	39.4	35.6	35.6	35.6	35.6
2005	2.7	28.8	35.8	35.8	35.8	35.8	35.8
2006	2.7	29.0	35.8	35.4	35.4	35.4	35.4
2007	2.7	36.6	38.6	43.4	43.4	43.4	43.4
2008	2.7	60.9	53.4	67.9	67.9	67.9	67.9
2009	2.7	80.3	75.6	86.2	86.2	86.2	86.2
2010	2.7	66.2	80.3	71.0	71.0	71.0	71.0
2011	2.7	59.8	68.3	63.8	63.8	63.8	63.8
2012	2.7	56.0	62.3	59.5	59.5	59.5	59.5
2013	2.7	53.5	58.5	56.5	56.5	56.5	56.5
2014	2.7	51.7	55.8	54.4	54.4	54.4	54.4
2015	2.7	50.3	53.9	52.7	52.7	52.7	52.7
2016	2.7	49.2	52.3	51.4	51.4	51.4	51.4
2017	2.7	48.4	51.1	50.4	50.4	50.4	50.4
2018	2.7	47.7	50.1	49.5	49.5	49.5	49.5
2019	2.7	47.1	49.3	48.8	48.8	48.8	48.8
2020	2.7	46.8	48.6	48.1	48.1	48.1	48.1
2021	2.7	46.6	48.0	47.6	47.6	47.6	47.6
2022	2.7	46.4	47.4	47.1	47.1	47.1	47.1
2023	2.7	46.2	47.0	46.7	46.7	46.7	46.7
2024	2.7	46.0	46.6	46.4	46.4	48.1	48.0

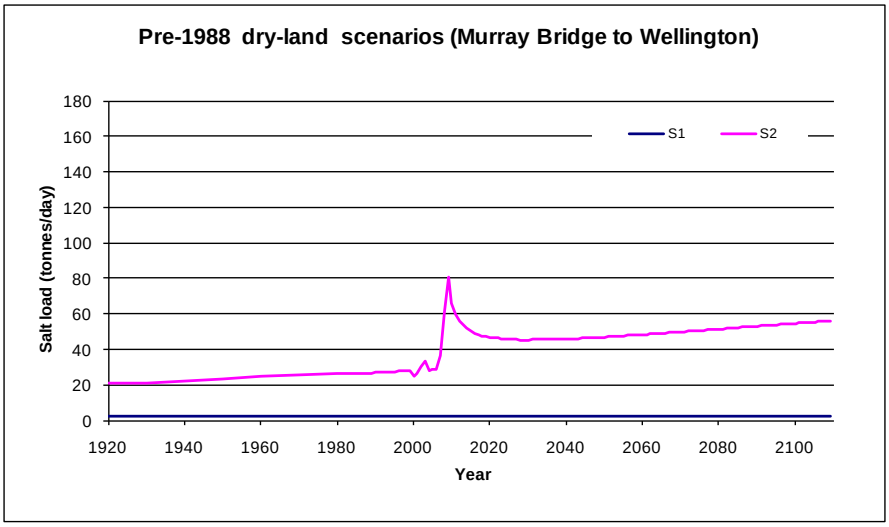
B-1-e. Modelled salt load (tonnes/day) entering the River Murray in the Murray Bridge to Wellington Area (all scenarios)

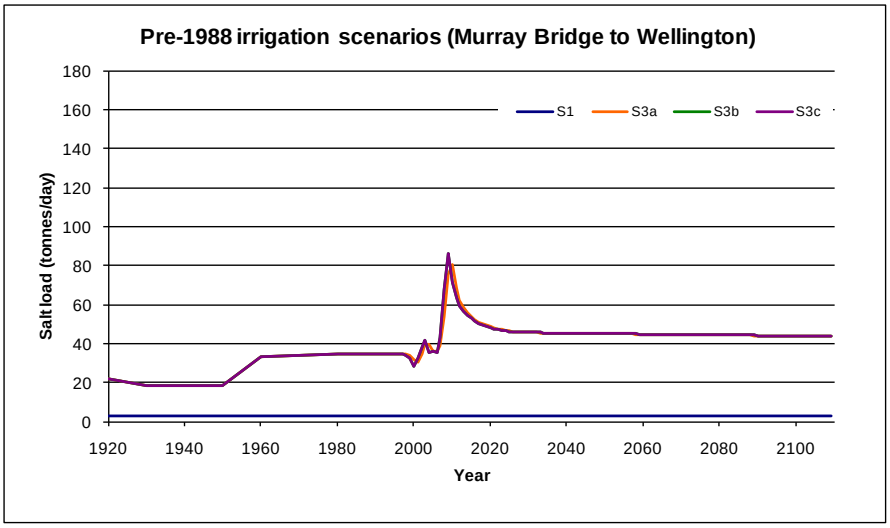
Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2025	2.7	45.8	46.2	46.1	46.0	48.3	48.2
2026	2.7	45.7	45.9	46.0	46.0	49.0	49.0
2027	2.7	45.5	45.7	45.7	45.7	49.3	49.3
2028	2.7	45.4	45.7	45.7	45.7	49.8	49.8
2029	2.7	45.3	45.6	45.7	45.7	50.0	50.0
2030	2.7	45.4	45.6	45.6	45.6	50.5	50.4
2031	2.7	45.4	45.6	45.6	45.6	50.7	50.7
2032	2.7	45.5	45.6	45.6	45.6	51.2	51.2
2033	2.7	45.5	45.5	45.5	45.5	51.4	51.4
2034	2.7	45.5	45.5	45.5	45.5	51.5	51.5
2035	2.7	45.6	45.5	45.5	45.5	53.2	53.2
2036	2.7	45.6	45.4	45.4	45.5	53.9	53.9
2037	2.7	45.6	45.4	45.4	45.4	54.4	54.3
2038	2.7	45.6	45.4	45.4	45.4	54.7	54.6
2039	2.7	45.6	45.3	45.4	45.4	54.9	54.9
2040	2.7	45.8	45.3	45.3	45.3	55.0	55.0
2041	2.7	45.9	45.3	45.3	45.3	55.2	55.2
2042	2.7	46.0	45.3	45.3	45.3	55.3	55.3
2043	2.7	46.1	45.2	45.2	45.2	55.3	55.3
2044	2.7	46.3	45.2	45.2	45.2	55.4	55.4
2045	2.7	46.3	45.2	45.2	45.2	55.5	55.5
2046	2.7	46.4	45.1	45.2	45.2	55.5	55.5
2047	2.7	46.5	45.1	45.1	45.1	55.6	55.5
2048	2.7	46.6	45.1	45.1	45.1	55.6	55.6
2049	2.7	46.7	45.1	45.1	45.1	55.6	55.6
2050	2.7	46.8	45.0	45.0	45.0	55.6	55.6
2051	2.7	47.0	45.0	45.0	45.0	55.6	55.6
2052	2.7	47.2	45.0	45.0	45.0	55.7	55.7
2053	2.7	47.3	44.9	45.0	45.0	55.7	55.7
2054	2.7	47.5	44.9	44.9	44.9	55.7	55.7
2055	2.7	47.6	44.9	44.9	44.9	55.7	55.8
2056	2.7	47.7	44.9	44.9	44.9	55.7	55.9
2057	2.7	47.8	44.8	44.9	44.9	55.7	56.0
2058	2.7	48.0	44.8	44.8	44.8	55.7	56.0
2059	2.7	48.1	44.8	44.8	44.8	55.7	56.0
2060	2.7	48.2	44.8	44.8	44.8	55.7	56.0
2061	2.7	48.4	44.7	44.8	44.8	55.7	56.1
2062	2.7	48.6	44.7	44.7	44.7	55.7	56.1
2063	2.7	48.8	44.7	44.7	44.7	55.7	56.1
2064	2.7	48.9	44.7	44.7	44.7	55.7	56.1
2065	2.7	49.1	44.6	44.7	44.7	55.7	56.1
2066	2.7	49.2	44.6	44.6	44.6	55.7	56.1

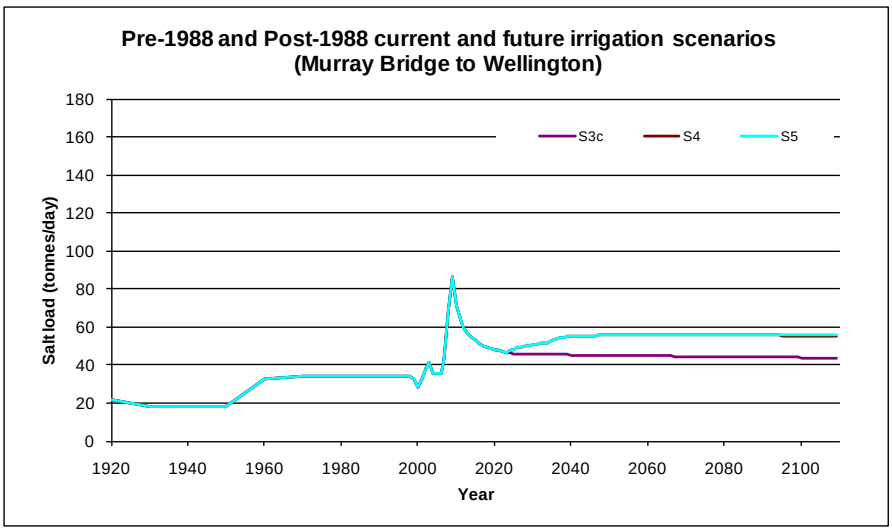
B-1-e. Modelled salt load (tonnes/day) entering the River Murray in the Murray Bridge to Wellington Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2067	2.7	49.4	44.6	44.6	44.6	55.7	56.1
2068	2.7	49.5	44.6	44.6	44.6	55.7	56.1
2069	2.7	49.6	44.5	44.6	44.6	55.7	56.1
2070	2.7	49.8	44.5	44.5	44.5	55.7	56.1
2071	2.7	50.0	44.5	44.5	44.5	55.7	56.1
2072	2.7	50.1	44.5	44.5	44.5	55.7	56.1
2073	2.7	50.3	44.5	44.5	44.5	55.7	56.1
2074	2.7	50.5	44.4	44.4	44.5	55.7	56.1
2075	2.7	50.6	44.4	44.4	44.4	55.7	56.1
2076	2.7	50.8	44.4	44.4	44.4	55.6	56.1
2077	2.7	50.9	44.4	44.4	44.4	55.6	56.1
2078	2.7	51.1	44.3	44.4	44.4	55.6	56.1
2079	2.7	51.2	44.3	44.3	44.3	55.6	56.1
2080	2.7	51.4	44.3	44.3	44.3	55.6	56.1
2081	2.7	51.6	44.3	44.3	44.3	55.6	56.1
2082	2.7	51.7	44.3	44.3	44.3	55.6	56.1
2083	2.7	51.9	44.2	44.2	44.3	55.6	56.1
2084	2.7	52.1	44.2	44.2	44.2	55.6	56.0
2085	2.7	52.2	44.2	44.2	44.2	55.6	56.0
2086	2.7	52.4	44.2	44.2	44.2	55.6	56.0
2087	2.7	52.5	44.2	44.2	44.2	55.6	56.0
2088	2.7	52.7	44.1	44.1	44.1	55.6	56.0
2089	2.7	52.8	44.1	44.1	44.1	55.6	56.0
2090	2.7	53.0	44.1	44.1	44.1	55.6	56.0
2091	2.7	53.2	44.1	44.1	44.1	55.5	56.0
2092	2.7	53.3	44.0	44.1	44.1	55.5	56.0
2093	2.7	53.5	44.0	44.0	44.0	55.5	56.0
2094	2.7	53.7	44.0	44.0	44.0	55.5	56.0
2095	2.7	53.8	44.0	44.0	44.0	55.5	56.0
2096	2.7	54.0	44.0	44.0	44.0	55.5	56.0
2097	2.7	54.1	44.0	44.0	44.0	55.5	56.0
2098	2.7	54.3	43.9	43.9	43.9	55.5	56.0
2099	2.7	54.4	43.9	43.9	43.9	55.5	56.0
2100	2.7	54.6	43.9	43.9	43.9	55.5	56.0
2101	2.7	54.7	43.9	43.9	43.9	55.5	56.0
2102	2.7	54.9	43.9	43.9	43.9	55.5	56.0
2103	2.7	55.1	43.8	43.8	43.9	55.5	55.9
2104	2.7	55.2	43.8	43.8	43.8	55.5	55.9
2105	2.7	55.4	43.8	43.8	43.8	55.5	55.9
2106	2.7	55.5	43.8	43.8	43.8	55.5	55.9
2107	2.7	55.7	43.8	43.8	43.8	55.5	55.9
2108	2.7	55.8	43.7	43.8	43.8	55.4	55.9
2109	2.7	55.8	43.7	43.8	43.8	55.4	55.9

B-1-e. Modelled salt load (tonnes/day) entering the River Murray in the Murray Bridge to Wellington Area (all scenarios)







B-1-e. Graphs of modelled salt load (tonnes/day) entering the River Murray in the Murray Bridge to Wellington Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
1920	422	422	429	429	429	429	429
1930	422	422	427	427	427	427	427
1950	422	423	424	424	424	424	424
1960	422	424	423	423	423	423	423
1970	422	426	422	422	422	422	422
1980	422	434	421	421	421	421	421
1988	422	435	421	421	421	421	421
1989	422	435	421	421	421	421	421
1990	422	444	421	421	421	421	421
1991	422	447	421	421	421	421	421
1992	422	450	421	421	421	421	421
1993	422	452	421	421	421	421	421
1994	422	454	421	421	421	421	421
1995	422	456	421	421	421	421	421
1996	422	457	421	421	421	421	421
1997	422	458	420	420	420	420	421
1998	422	460	420	420	420	420	420
1999	422	461	420	420	420	420	420
2000	422	480	420	420	420	420	420
2001	422	489	841	841	841	841	841
2002	422	496	1012	1013	1012	1012	1014
2003	422	501	1105	1105	1105	1105	1105
2004	422	506	1158	1158	1158	1158	1158
2005	422	511	1188	1188	1188	1188	1188
2006	422	515	1201	1201	1201	1201	1202
2007	422	519	1203	1203	1202	1202	1203
2008	422	523	1168	1169	1168	1168	1169
2009	422	527	1165	1165	1165	1165	1165
2010	422	558	1169	1169	1169	1169	1170
2011	422	576	1176	1176	1176	1176	1176
2012	422	590	1184	1184	1184	1184	1184
2013	422	603	1191	1192	1191	1191	1192
2014	422	614	1199	1199	1199	1199	1199
2015	422	624	1206	1206	1206	1206	1206
2016	422	634	1212	1212	1212	1212	1213
2017	422	643	1219	1218	1218	1218	1219
2018	422	652	1224	1224	1224	1224	1224
2019	422	660	1230	1230	1229	1229	1230
2020	422	702	1234	1234	1234	1234	1235
2021	422	730	1239	1239	1239	1239	1239
2022	422	753	1244	1243	1243	1243	1244
2023	422	774	1247	1247	1247	1247	1247
2024	422	793	1251	1250	1250	1353	1354

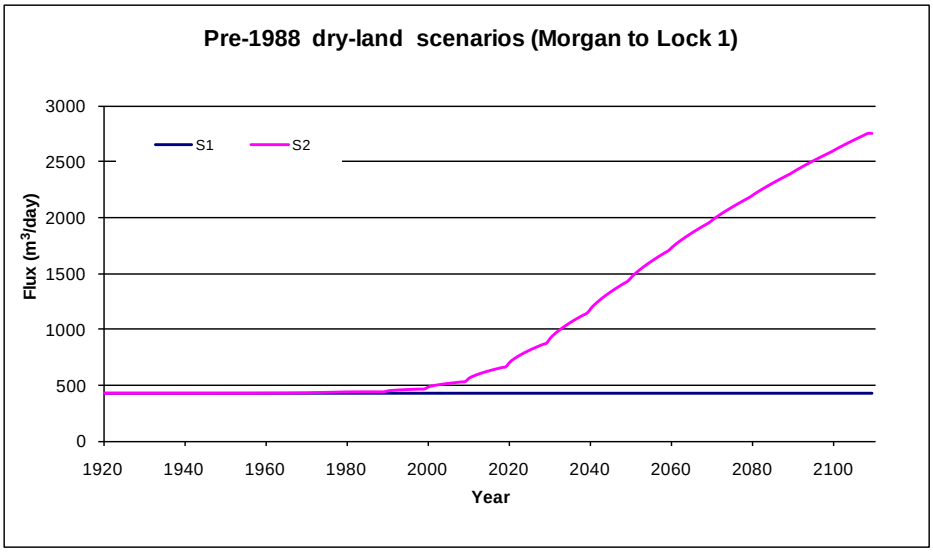
B-1-f. Modelled flux ($m^{3/}$day) entering the River Murray in the Morgan to Lock 1 Area (all scenarios)

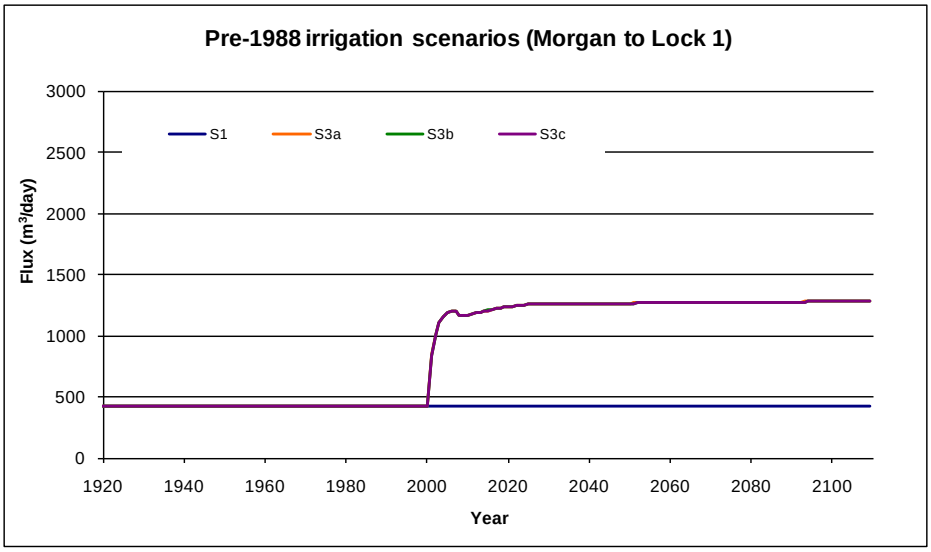
Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2025	422	810	1254	1253	1254	1397	1397
2026	422	827	1257	1253	1254	1473	1474
2027	422	843	1257	1257	1256	1520	1521
2028	422	858	1257	1257	1257	1598	1599
2029	422	872	1258	1257	1257	1641	1641
2030	422	918	1258	1258	1258	1720	1720
2031	422	953	1258	1258	1258	1759	1760
2032	422	983	1259	1258	1258	1816	1816
2033	422	1010	1259	1259	1259	1848	1849
2034	422	1035	1260	1259	1259	1874	1874
2035	422	1058	1260	1259	1259	1930	1931
2036	422	1080	1260	1260	1260	1970	1970
2037	422	1101	1261	1260	1260	2006	2007
2038	422	1121	1261	1260	1260	2041	2041
2039	422	1140	1261	1261	1261	2072	2072
2040	422	1185	1261	1261	1261	2100	2101
2041	422	1221	1262	1261	1261	2126	2127
2042	422	1253	1262	1262	1262	2149	2150
2043	422	1282	1262	1262	1262	2170	2171
2044	422	1309	1263	1262	1262	2189	2190
2045	422	1334	1263	1263	1263	2206	2207
2046	422	1359	1263	1263	1263	2221	2222
2047	422	1382	1264	1263	1263	2235	2236
2048	422	1404	1264	1264	1264	2248	2249
2049	422	1425	1264	1264	1264	2260	2261
2050	422	1465	1265	1264	1264	2271	2272
2051	422	1499	1265	1265	1264	2281	2281
2052	422	1529	1265	1265	1265	2290	2291
2053	422	1556	1266	1265	1265	2299	2299
2054	422	1583	1266	1266	1265	2307	2308
2055	422	1608	1266	1266	1266	2315	2315
2056	422	1631	1267	1266	1266	2322	2322
2057	422	1654	1267	1266	1266	2329	2329
2058	422	1677	1267	1267	1267	2335	2335
2059	422	1698	1267	1267	1267	2341	2341
2060	422	1732	1268	1267	1267	2347	2347
2061	422	1762	1268	1268	1267	2352	2352
2062	422	1789	1268	1268	1268	2357	2357
2063	422	1814	1269	1268	1268	2362	2362
2064	422	1839	1269	1268	1268	2367	2367
2065	422	1862	1269	1269	1269	2371	2371
2066	422	1884	1269	1269	1269	2375	2375

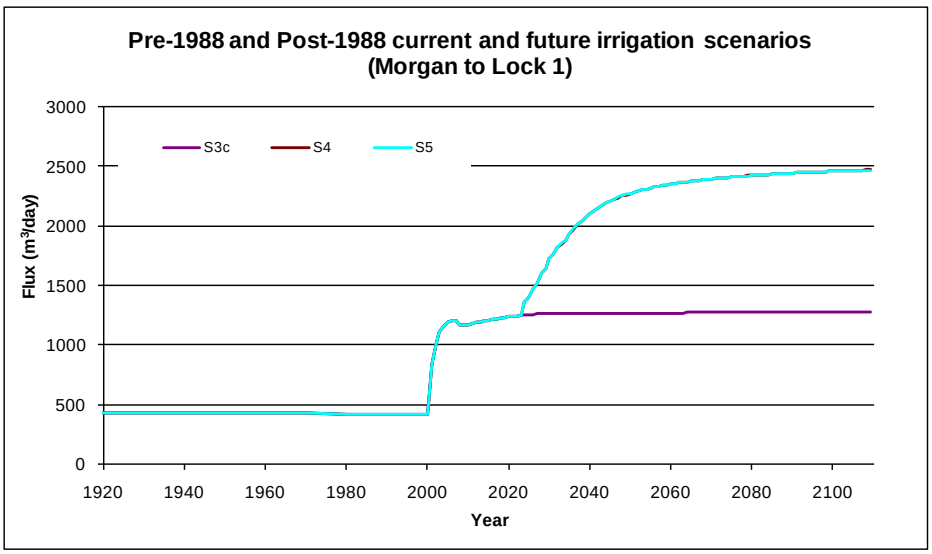
B-1-f. Modelled flux ($m^{3/}$day) entering the River Murray in the Morgan to Lock 1 Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2067	422	1906	1270	1269	1269	2379	2379
2068	422	1928	1270	1270	1270	2383	2383
2069	422	1948	1270	1270	1270	2387	2387
2070	422	1977	1271	1270	1270	2390	2390
2071	422	2003	1271	1271	1270	2394	2394
2072	422	2027	1271	1271	1271	2397	2397
2073	422	2050	1271	1271	1271	2400	2400
2074	422	2073	1272	1271	1271	2404	2403
2075	422	2094	1272	1272	1271	2407	2406
2076	422	2115	1272	1272	1272	2409	2409
2077	422	2136	1273	1272	1272	2412	2412
2078	422	2156	1273	1272	1272	2415	2414
2079	422	2176	1273	1273	1273	2417	2417
2080	422	2201	1273	1273	1273	2420	2419
2081	422	2224	1274	1273	1273	2422	2422
2082	422	2247	1274	1274	1273	2424	2424
2083	422	2268	1274	1274	1274	2427	2426
2084	422	2289	1274	1274	1274	2429	2428
2085	422	2309	1275	1274	1274	2431	2430
2086	422	2329	1275	1275	1274	2433	2432
2087	422	2348	1275	1275	1275	2435	2434
2088	422	2367	1275	1275	1275	2437	2436
2089	422	2386	1276	1275	1275	2439	2438
2090	422	2408	1276	1276	1276	2441	2440
2091	422	2429	1276	1276	1276	2442	2442
2092	422	2450	1276	1276	1276	2444	2444
2093	422	2470	1277	1276	1276	2446	2445
2094	422	2489	1277	1277	1277	2448	2447
2095	422	2508	1277	1277	1277	2449	2449
2096	422	2527	1277	1277	1277	2451	2450
2097	422	2545	1278	1277	1277	2452	2452
2098	422	2563	1278	1278	1278	2454	2453
2099	422	2581	1278	1278	1278	2455	2455
2100	422	2601	1278	1278	1278	2456	2456
2101	422	2620	1279	1278	1278	2458	2457
2102	422	2639	1279	1279	1279	2459	2458
2103	422	2658	1279	1279	1279	2460	2460
2104	422	2676	1279	1279	1279	2461	2461
2105	422	2694	1280	1279	1279	2463	2462
2106	422	2711	1280	1280	1279	2464	2463
2107	422	2728	1280	1280	1280	2465	2464
2108	422	2745	1280	1280	1280	2466	2466
2109	422	2745	1280	1280	1280	2466	2466

B-1-f. Modelled flux ($m^{3/}$day) entering the River Murray in the Morgan to Lock 1 Area (all scenarios)







B-1-f. Graph of modelled flux (m^3/day) entering the River Murray in the Morgan to Lock 1 Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
1920	2118	2118	2112	2112	2112	2112	2112
1930	2118	2123	2117	2117	2117	2117	2117
1950	2118	2167	2123	2123	2123	2123	2123
1960	2118	2176	2127	2127	2127	2127	2127
1970	2118	2187	3182	3182	3182	3182	3182
1980	2118	2204	3507	3507	3507	3507	3507
1988	2118	2205	3530	3530	3530	3530	3530
1989	2118	2205	3548	3548	3548	3548	3548
1990	2118	2215	3568	3568	3568	3568	3561
1991	2118	2219	3581	3581	3581	3581	3575
1992	2118	2221	3595	3595	3595	3595	3585
1993	2118	2223	3606	3606	3606	3606	3595
1994	2118	2224	3615	3615	3615	3615	3604
1995	2118	2225	3638	3638	3638	3638	3627
1996	2118	2226	3658	3658	3658	3658	3648
1997	2118	2226	3678	3678	3678	3678	3668
1998	2118	2227	3670	3670	3670	3670	3661
1999	2118	2228	3631	3631	3631	3631	3622
2000	2118	1453	2815	2814	2813	2813	2806
2001	2118	1656	3286	3286	3285	3285	3278
2002	2118	2695	4372	4372	4372	4372	4365
2003	2118	3429	5109	5110	5110	5110	5103
2004	2118	2067	3728	3728	3727	3727	3720
2005	2118	2202	3822	3822	3822	3822	3816
2006	2118	2235	3810	3810	3810	3810	3803
2007	2118	4222	5756	5756	5756	5756	5750
2008	2118	9750	11189	11191	11190	11190	11183
2009	2118	13581	14964	14965	14965	14965	14959
2010	2118	10456	11800	11801	11802	11802	11795
2011	2118	8992	10303	10302	10303	10303	10297
2012	2118	8093	9374	9374	9375	9375	9369
2013	2118	7470	8727	8727	8728	8728	8723
2014	2118	7008	8244	8243	8244	8244	8241
2015	2118	6647	7863	7864	7864	7864	7861
2016	2118	6356	7556	7558	7558	7558	7555
2017	2118	6115	7301	7304	7304	7304	7301
2018	2118	5912	7085	7088	7088	7088	7085
2019	2118	5737	6899	6902	6903	6903	6899
2020	2118	5594	6741	6743	6744	6744	6740
2021	2118	5465	6598	6602	6611	6611	6599
2022	2118	5348	6473	6489	6490	6490	6475
2023	2118	5245	6370	6378	6385	6385	6370
2024	2118	5151	6279	6303	6292	6370	6357

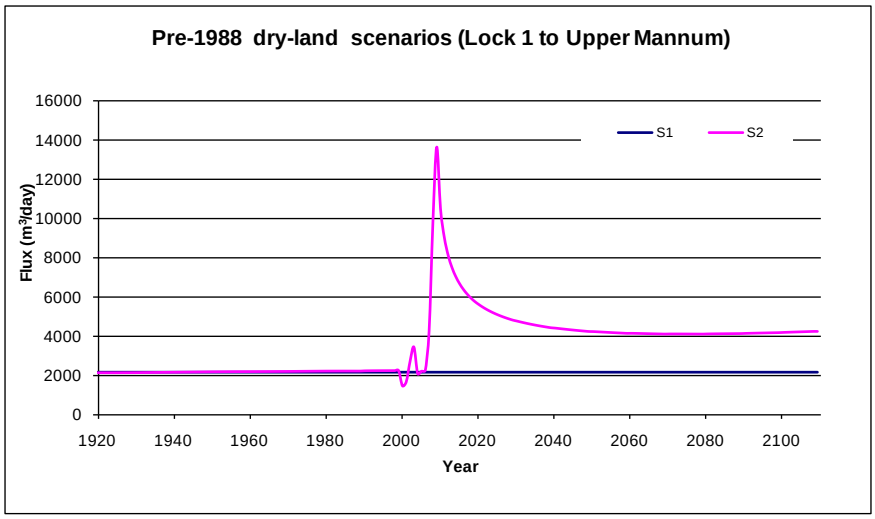
B-1-g. Modelled flux ($m^{3/}$day) entering the River Murray in the Lock 1 to Upper Mannum Area (all scenarios)

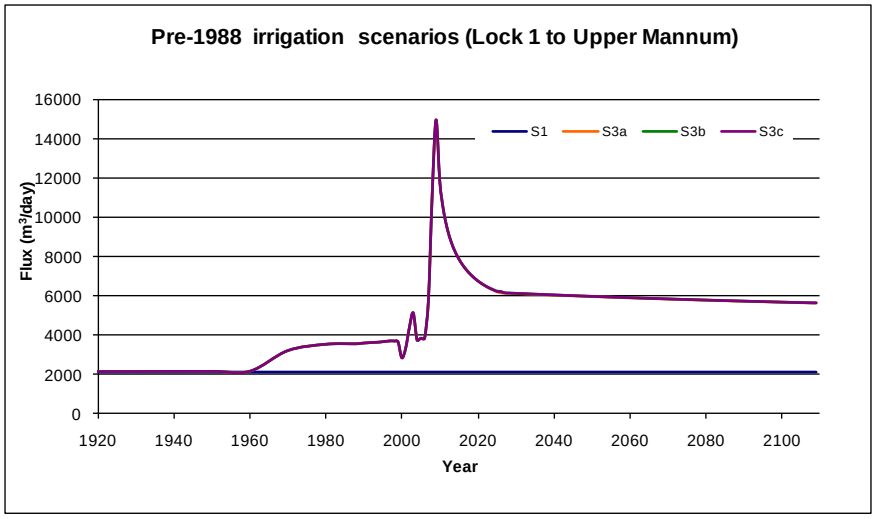
Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2025	2118	5066	6201	6221	6205	6307	6294
2026	2118	4989	6128	6210	6194	6275	6263
2027	2118	4918	6119	6133	6134	6234	6222
2028	2118	4853	6111	6122	6124	6198	6187
2029	2118	4792	6103	6115	6117	6162	6152
2030	2118	4748	6094	6106	6108	6175	6165
2031	2118	4701	6086	6098	6100	6167	6158
2032	2118	4656	6078	6089	6092	6230	6222
2033	2118	4613	6070	6081	6083	6252	6244
2034	2118	4574	6062	6073	6075	6255	6248
2035	2118	4536	6054	6065	6067	6343	6336
2036	2118	4501	6046	6057	6059	6409	6402
2037	2118	4467	6038	6049	6051	6459	6452
2038	2118	4435	6030	6041	6043	6498	6492
2039	2118	4405	6023	6034	6035	6531	6525
2040	2118	4390	6015	6026	6028	6558	6553
2041	2118	4369	6008	6018	6020	6582	6577
2042	2118	4347	6000	6011	6012	6604	6599
2043	2118	4326	5993	6003	6005	6623	6618
2044	2118	4305	5985	5996	5997	6641	6636
2045	2118	4286	5978	5988	5990	6657	6653
2046	2118	4267	5971	5981	5983	6673	6669
2047	2118	4249	5963	5974	5976	6687	6683
2048	2118	4231	5956	5966	5968	6701	6697
2049	2118	4215	5949	5959	5961	6714	6711
2050	2118	4211	5942	5952	5954	6727	6723
2051	2118	4202	5935	5945	5947	6739	6735
2052	2118	4191	5928	5938	5940	6751	6747
2053	2118	4181	5922	5931	5933	6762	6758
2054	2118	4170	5915	5924	5926	6773	6770
2055	2118	4160	5908	5918	5919	6784	6780
2056	2118	4150	5901	5911	5912	6794	6791
2057	2118	4140	5895	5904	5906	6804	6801
2058	2118	4130	5888	5897	5899	6814	6812
2059	2118	4121	5882	5891	5893	6824	6821
2060	2118	4123	5875	5884	5886	6834	6831
2061	2118	4120	5869	5878	5879	6843	6840
2062	2118	4116	5862	5871	5873	6852	6849
2063	2118	4112	5856	5865	5867	6861	6858
2064	2118	4107	5850	5859	5860	6870	6867
2065	2118	4102	5844	5852	5854	6879	6876
2066	2118	4097	5837	5846	5848	6888	6884

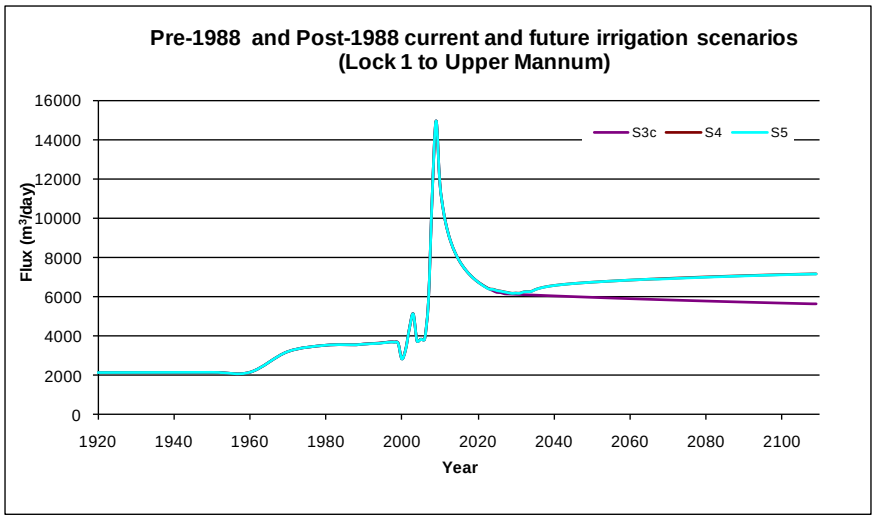
B-1-g. Modelled flux ($m^{3/}$day) entering the River Murray in the Lock 1 to Upper Mannum Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2067	2118	4093	5831	5840	5841	6896	6876
2068	2118	4089	5825	5834	5835	6904	6884
2069	2118	4084	5819	5828	5829	6913	6893
2070	2118	4089	5813	5822	5823	6921	6901
2071	2118	4090	5807	5816	5817	6929	6909
2072	2118	4090	5801	5810	5811	6937	6917
2073	2118	4089	5795	5804	5805	6945	6925
2074	2118	4088	5790	5798	5799	6953	6933
2075	2118	4087	5784	5792	5793	6960	6941
2076	2118	4086	5778	5786	5788	6968	6949
2077	2118	4085	5772	5780	5782	6975	6956
2078	2118	4084	5767	5775	5776	6983	6964
2079	2118	4084	5761	5769	5770	6990	6971
2080	2118	4090	5756	5763	5765	6996	6978
2081	2118	4094	5750	5758	5759	7003	6985
2082	2118	4097	5745	5752	5754	7010	6992
2083	2118	4099	5739	5747	5748	7017	6999
2084	2118	4101	5734	5741	5743	7023	7006
2085	2118	4103	5728	5736	5737	7030	7013
2086	2118	4104	5723	5731	5732	7036	7019
2087	2118	4106	5718	5725	5726	7042	7026
2088	2118	4108	5712	5720	5721	7048	7032
2089	2118	4110	5707	5715	5716	7054	7038
2090	2118	4118	5702	5709	5711	7061	7044
2091	2118	4123	5697	5704	5705	7066	7050
2092	2118	4128	5692	5699	5700	7072	7056
2093	2118	4133	5687	5694	5695	7078	7062
2094	2118	4137	5682	5689	5690	7084	7069
2095	2118	4141	5677	5684	5685	7089	7074
2096	2118	4145	5672	5679	5680	7095	7080
2097	2118	4149	5667	5674	5675	7100	7086
2098	2118	4154	5662	5669	5670	7105	7092
2099	2118	4158	5657	5664	5665	7110	7097
2100	2118	4167	5652	5659	5660	7115	7102
2101	2118	4174	5647	5654	5655	7120	7107
2102	2118	4181	5642	5649	5650	7125	7112
2103	2118	4188	5638	5644	5646	7130	7117
2104	2118	4194	5633	5640	5641	7134	7122
2105	2118	4200	5628	5635	5636	7139	7127
2106	2118	4207	5624	5630	5631	7143	7132
2107	2118	4213	5619	5625	5627	7147	7136
2108	2118	4219	5614	5621	5622	7152	7140
2109	2118	4219	5614	5621	5622	7152	7144

B-1-g. Modelled flux ($m^{3/}$day) entering the River Murray in the Lock 1 to Upper Mannum Area (all scenarios)







B-1-g. Graphs of modelled flux ($m^{3/}$day) entering the River Murray in the Lock 1 to Upper Mannum Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
1920	814	814	813	813	813	813	813
1930	814	814	806	806	806	806	806
1950	814	881	795	795	795	795	795
1960	814	907	791	791	791	791	791
1970	814	930	788	788	788	788	788
1980	814	951	785	785	785	785	785
1988	814	952	785	785	785	785	785
1989	814	952	785	785	785	785	785
1990	814	963	785	785	785	785	785
1991	814	967	785	785	785	785	785
1992	814	970	785	785	785	785	785
1993	814	972	784	784	784	784	785
1994	814	973	784	784	784	784	784
1995	814	974	784	784	784	784	784
1996	814	975	784	784	784	784	784
1997	814	976	784	784	784	784	784
1998	814	977	783	783	783	783	783
1999	814	978	783	783	783	783	783
2000	814	796	674	674	674	674	674
2001	814	853	1200	1200	1200	1200	1200
2002	814	1140	1693	1693	1693	1693	1694
2003	814	1376	2032	2032	2032	2032	2033
2004	814	948	1620	1620	1620	1620	1620
2005	814	987	1670	1670	1670	1670	1670
2006	814	999	1665	1665	1665	1665	1665
2007	814	1646	2303	2303	2303	2303	2303
2008	814	3684	4274	4275	4275	4275	4275
2009	814	5152	5710	5710	5710	5710	5710
2010	814	4017	4559	4560	4560	4560	4560
2011	814	3494	4031	4030	4031	4031	4031
2012	814	3180	3713	3713	3714	3714	3714
2013	814	2965	3498	3498	3498	3498	3499
2014	814	2807	3341	3341	3341	3341	3342
2015	814	2686	3221	3221	3221	3221	3222
2016	814	2589	3126	3126	3126	3126	3127
2017	814	2509	3048	3049	3049	3049	3049
2018	814	2442	2983	2984	2984	2984	2984
2019	814	2384	2927	2928	2929	2929	2929
2020	814	2342	2881	2881	2881	2881	2882
2021	814	2300	2838	2839	2842	2842	2840
2022	814	2262	2801	2806	2806	2806	2803
2023	814	2228	2771	2773	2775	2775	2772
2024	814	2196	2744	2751	2748	2862	2859

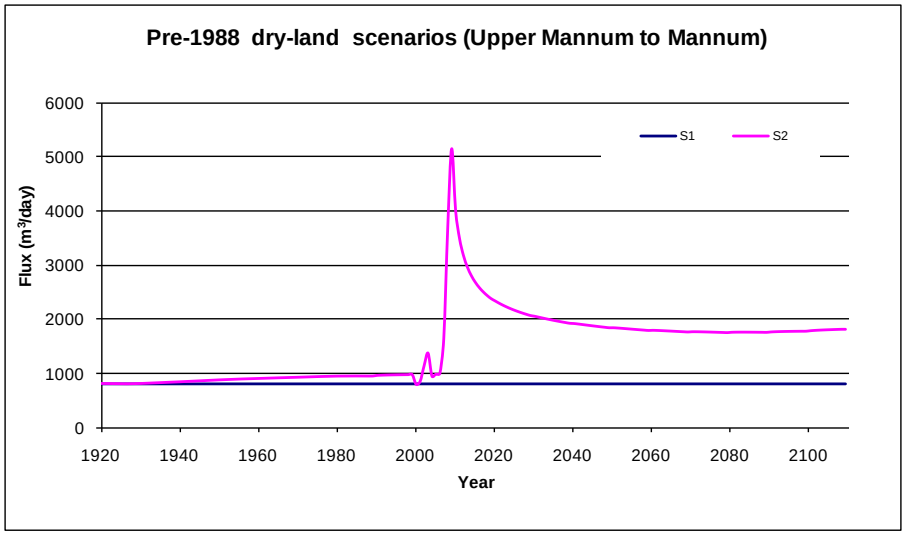
B-1-h. Modelled flux (m^3/day) entering the River Murray in the Upper Mannum to Mannum Area (all scenarios)

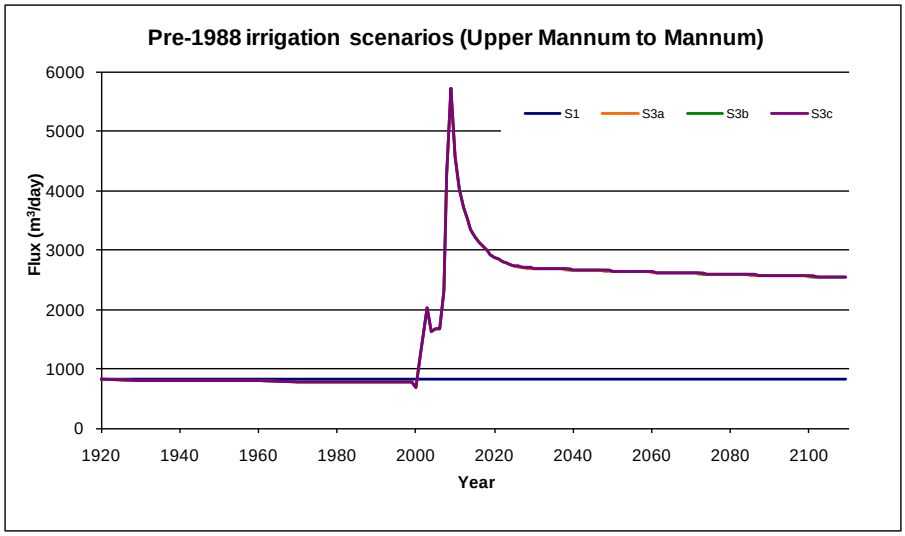
Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2025	814	2167	2721	2727	2722	2895	2893
2026	814	2140	2699	2723	2719	2944	2942
2027	814	2115	2696	2700	2701	2983	2982
2028	814	2092	2694	2697	2698	3027	3026
2029	814	2070	2691	2695	2695	3060	3058
2030	814	2058	2689	2692	2693	3116	3114
2031	814	2042	2686	2690	2690	3161	3159
2032	814	2026	2684	2687	2688	3256	3255
2033	814	2010	2681	2685	2685	3318	3317
2034	814	1994	2679	2682	2683	3367	3366
2035	814	1980	2677	2680	2681	3500	3499
2036	814	1965	2674	2678	2678	3588	3587
2037	814	1952	2672	2675	2676	3661	3660
2038	814	1939	2670	2673	2673	3725	3724
2039	814	1927	2667	2671	2671	3782	3781
2040	814	1923	2665	2668	2669	3832	3831
2041	814	1915	2663	2666	2666	3877	3877
2042	814	1906	2660	2664	2664	3918	3918
2043	814	1896	2658	2661	2662	3956	3956
2044	814	1887	2656	2659	2660	3992	3992
2045	814	1878	2654	2657	2657	4025	4025
2046	814	1869	2651	2655	2655	4055	4055
2047	814	1861	2649	2652	2653	4084	4084
2048	814	1852	2647	2650	2651	4111	4112
2049	814	1844	2645	2648	2648	4137	4137
2050	814	1845	2643	2646	2646	4161	4161
2051	814	1840	2641	2644	2644	4184	4184
2052	814	1835	2639	2642	2642	4206	4205
2053	814	1829	2636	2639	2640	4226	4226
2054	814	1823	2634	2637	2638	4246	4246
2055	814	1817	2632	2635	2636	4265	4265
2056	814	1811	2630	2633	2634	4282	4283
2057	814	1805	2628	2631	2632	4300	4300
2058	814	1800	2626	2629	2630	4316	4316
2059	814	1794	2624	2627	2627	4332	4332
2060	814	1797	2622	2625	2625	4347	4347
2061	814	1795	2620	2623	2623	4361	4361
2062	814	1792	2618	2621	2621	4375	4375
2063	814	1789	2616	2619	2619	4388	4387
2064	814	1785	2614	2617	2617	4401	4400
2065	814	1781	2612	2615	2616	4413	4412
2066	814	1777	2610	2613	2614	4424	4423

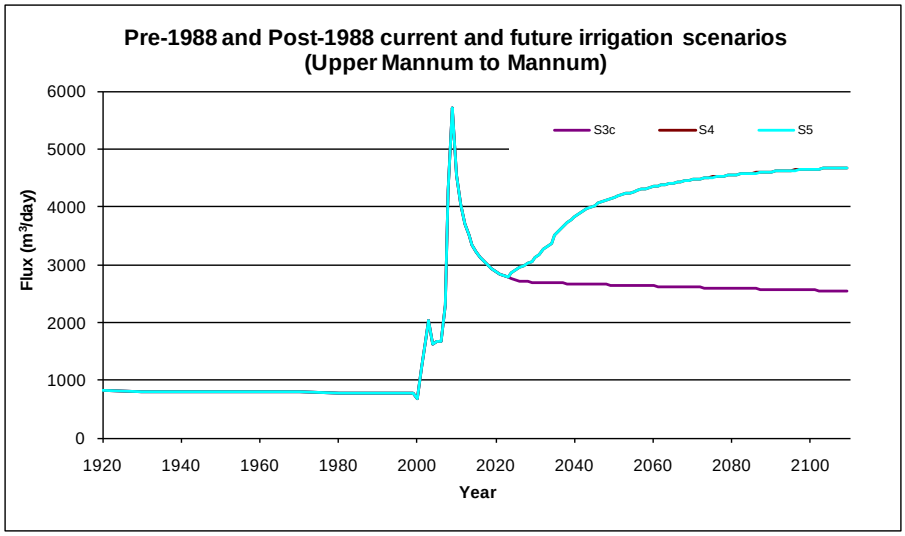
B-1-h. Modelled flux ($m^{3/}$day) entering the River Murray in the Upper Mannum to Mannum Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2067	814	1774	2609	2611	2612	4436	4434
2068	814	1770	2607	2609	2610	4446	4445
2069	814	1766	2605	2607	2608	4457	4455
2070	814	1770	2603	2606	2606	4467	4465
2071	814	1771	2601	2604	2604	4477	4475
2072	814	1769	2599	2602	2602	4486	4484
2073	814	1768	2597	2600	2600	4495	4493
2074	814	1766	2596	2598	2599	4504	4502
2075	814	1764	2594	2596	2597	4512	4510
2076	814	1761	2592	2595	2595	4520	4518
2077	814	1759	2590	2593	2593	4528	4526
2078	814	1757	2588	2591	2591	4536	4533
2079	814	1755	2587	2589	2590	4543	4540
2080	814	1760	2585	2587	2588	4550	4547
2081	814	1762	2583	2586	2586	4556	4554
2082	814	1763	2581	2584	2584	4563	4560
2083	814	1763	2580	2582	2583	4569	4567
2084	814	1763	2578	2580	2581	4575	4573
2085	814	1762	2576	2579	2579	4581	4579
2086	814	1762	2575	2577	2577	4586	4584
2087	814	1761	2573	2575	2576	4592	4590
2088	814	1760	2571	2574	2574	4597	4595
2089	814	1759	2570	2572	2572	4602	4600
2090	814	1766	2568	2570	2571	4607	4605
2091	814	1770	2566	2569	2569	4612	4610
2092	814	1773	2565	2567	2567	4616	4615
2093	814	1775	2563	2565	2566	4621	4619
2094	814	1776	2561	2564	2564	4626	4624
2095	814	1777	2560	2562	2562	4630	4628
2096	814	1778	2558	2561	2561	4634	4633
2097	814	1779	2557	2559	2559	4638	4636
2098	814	1780	2555	2557	2558	4642	4640
2099	814	1781	2554	2556	2556	4645	4644
2100	814	1789	2552	2554	2555	4649	4647
2101	814	1794	2550	2553	2553	4652	4651
2102	814	1799	2549	2551	2551	4655	4654
2103	814	1802	2547	2550	2550	4659	4657
2104	814	1806	2546	2548	2548	4662	4660
2105	814	1809	2544	2546	2547	4665	4663
2106	814	1811	2543	2545	2545	4667	4666
2107	814	1814	2541	2543	2544	4670	4669
2108	814	1816	2540	2542	2542	4673	4672
2109	814	1816	2540	2542	2542	4673	4672

B-1-h. Modelled flux ($m^{3/}$day) entering the River Murray in the Upper Mannum to Mannum Area (all scenarios)







B-1-h. Graphs of modelled flux (m^3/day) entering the River Murray in the Upper Mannum to Mannum Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
1920	25	2774	2837	2837	2837	2837	2837
1930	25	2774	3257	3257	3257	3257	3257
1950	25	2774	4954	4954	4954	4954	4954
1960	25	2774	6164	6164	6164	6164	6164
1970	25	3025	6283	6283	6283	6283	6283
1980	25	3081	6326	6326	6326	6326	6326
1988	25	3082	6329	6329	6329	6329	6329
1989	25	3082	6332	6332	6332	6332	6332
1990	25	3110	6334	6334	6334	6334	6333
1991	25	3121	6336	6336	6336	6336	6335
1992	25	3128	6338	6338	6338	6338	6337
1993	25	3132	6340	6340	6340	6340	6338
1994	25	3135	6341	6341	6341	6341	6340
1995	25	3138	6411	6411	6411	6411	6409
1996	25	3140	6468	6468	6468	6468	6466
1997	25	3141	6511	6511	6511	6511	6509
1998	25	3143	6574	6464	6464	6464	6463
1999	25	3144	6565	6410	6208	6208	6207
2000	25	2814	6043	5863	5498	5498	5496
2001	25	2946	6363	6168	5642	5642	5641
2002	25	3365	6935	6731	6039	6039	6040
2003	25	3657	7306	7092	6234	6234	6233
2004	25	3118	6649	6430	5496	5496	5495
2005	25	3177	6696	6474	5472	5472	5471
2006	25	3195	6688	6462	5374	5374	5371
2007	25	3981	7607	7374	6248	6248	6246
2008	25	6639	10502	10255	9048	9048	9046
2009	25	8796	12676	12421	11101	11101	11100
2010	25	7076	10877	10617	9215	9215	9214
2011	25	6282	10045	9780	8317	8317	8316
2012	25	5824	9555	9287	7774	7774	7773
2013	25	5520	9228	8958	7402	7402	7402
2014	25	5303	8994	8722	7127	7127	7127
2015	25	5139	8814	8542	6910	6910	6910
2016	25	5011	8672	8398	6734	6734	6734
2017	25	4908	8556	8281	6585	6585	6585
2018	25	4821	8458	8182	6439	6439	6439
2019	25	4748	8374	8098	6339	6339	6338
2020	25	4708	8304	8026	6256	6256	6255
2021	25	4662	8241	7963	6188	6188	6183
2022	25	4619	8186	7913	6127	6127	6120
2023	25	4579	8141	7864	6074	6074	6068
2024	25	4542	8102	7831	6028	6096	6090

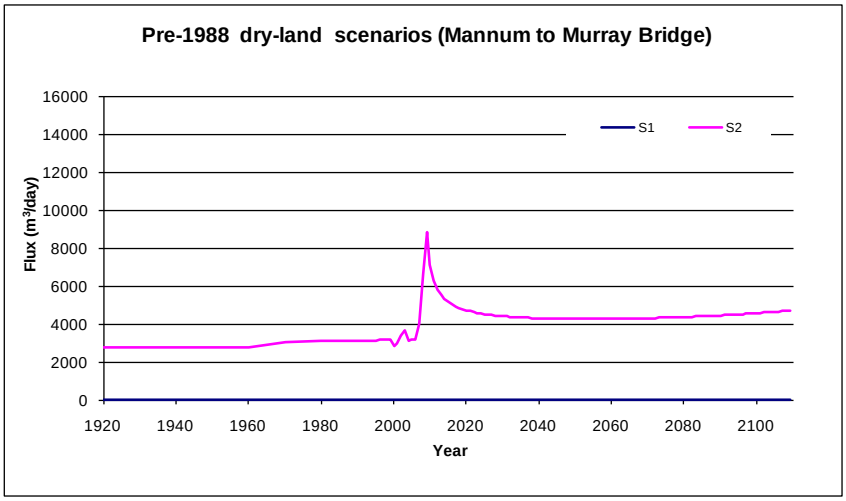
B-1-i. Modelled flux (m^3/day) entering the River Murray in the Mannum to Murray Bridge Area (all scenarios)

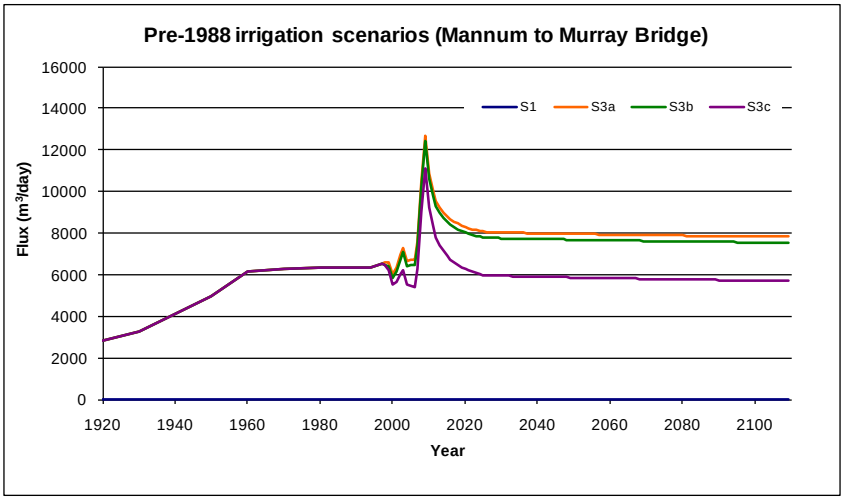
Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2025	25	4509	8069	7796	5986	6093	6088
2026	25	4479	8037	7791	5980	6141	6136
2027	25	4451	8033	7757	5950	6153	6148
2028	25	4425	8030	7752	5946	6192	6187
2029	25	4401	8027	7749	5942	6211	6207
2030	25	4401	8023	7745	5938	6262	6258
2031	25	4391	8020	7742	5934	6285	6281
2032	25	4377	8016	7738	5930	6356	6352
2033	25	4364	8013	7735	5925	6395	6392
2034	25	4350	8009	7731	5921	6417	6415
2035	25	4336	8006	7727	5917	6555	6552
2036	25	4323	8002	7724	5913	6651	6648
2037	25	4311	7999	7720	5909	6717	6714
2038	25	4298	7995	7717	5906	6765	6762
2039	25	4287	7992	7714	5902	6801	6799
2040	25	4295	7989	7710	5898	6829	6827
2041	25	4295	7986	7707	5894	6851	6850
2042	25	4291	7982	7704	5890	6869	6868
2043	25	4285	7979	7700	5886	6884	6883
2044	25	4280	7976	7697	5883	6897	6895
2045	25	4273	7973	7694	5879	6907	6906
2046	25	4267	7970	7690	5876	6916	6915
2047	25	4261	7967	7687	5872	6923	6922
2048	25	4255	7963	7684	5868	6930	6929
2049	25	4249	7960	7681	5865	6936	6934
2050	25	4260	7957	7678	5861	6940	6939
2051	25	4263	7954	7675	5858	6945	6943
2052	25	4264	7951	7672	5854	6948	6947
2053	25	4263	7948	7669	5851	6951	6950
2054	25	4261	7946	7666	5848	6954	6953
2055	25	4259	7943	7663	5844	6956	6963
2056	25	4257	7940	7660	5841	6959	6974
2057	25	4254	7937	7657	5838	6960	6980
2058	25	4251	7934	7654	5834	6962	6984
2059	25	4248	7931	7651	5831	6963	6987
2060	25	4261	7928	7648	5828	6965	6990
2061	25	4268	7926	7645	5824	6966	6992
2062	25	4272	7923	7642	5821	6967	6993
2063	25	4274	7920	7639	5818	6967	6994
2064	25	4275	7917	7637	5815	6968	6995
2065	25	4276	7915	7634	5812	6969	6996
2066	25	4276	7912	7631	5809	6969	6997

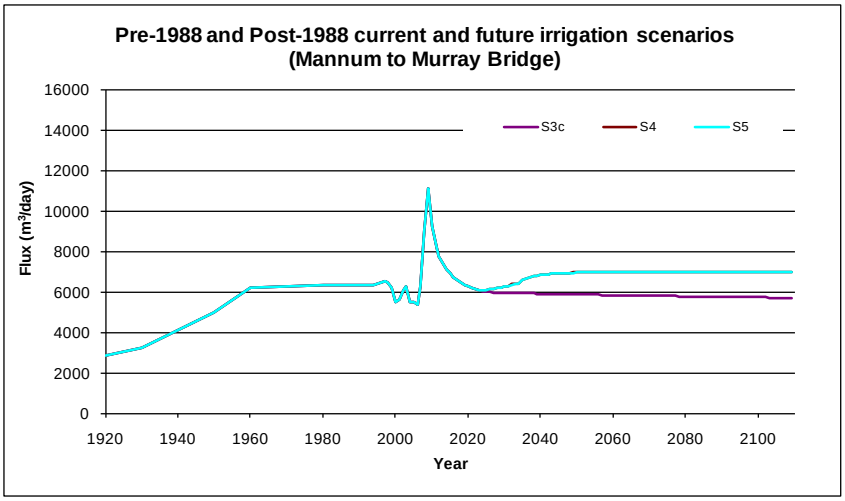
B-1-i. Modelled flux (m^3/day) entering the River Murray in the Mannum to Murray Bridge Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2067	25	4276	7909	7628	5806	6970	6997
2068	25	4276	7907	7626	5803	6970	6997
2069	25	4276	7904	7623	5799	6970	6998
2070	25	4291	7901	7620	5796	6970	6998
2071	25	4300	7899	7618	5793	6971	6999
2072	25	4307	7896	7615	5790	6971	6999
2073	25	4312	7894	7612	5788	6971	6999
2074	25	4317	7891	7610	5785	6971	6999
2075	25	4320	7889	7607	5782	6971	6999
2076	25	4323	7886	7605	5779	6971	6999
2077	25	4326	7884	7602	5776	6971	6999
2078	25	4329	7881	7600	5773	6970	6999
2079	25	4331	7879	7597	5770	6970	6999
2080	25	4349	7876	7595	5767	6970	6999
2081	25	4362	7874	7592	5765	6970	6999
2082	25	4372	7872	7590	5762	6970	6999
2083	25	4380	7869	7587	5759	6969	6998
2084	25	4388	7867	7585	5756	6969	6998
2085	25	4395	7865	7582	5754	6969	6998
2086	25	4401	7862	7580	5751	6969	6998
2087	25	4406	7860	7578	5748	6968	6997
2088	25	4412	7858	7575	5746	6968	6997
2089	25	4417	7855	7573	5743	6968	6997
2090	25	4437	7853	7571	5741	6967	6997
2091	25	4453	7851	7568	5738	6967	6996
2092	25	4467	7848	7566	5735	6967	6996
2093	25	4479	7846	7564	5733	6966	6995
2094	25	4489	7844	7561	5730	6966	6995
2095	25	4499	7842	7559	5728	6965	6995
2096	25	4509	7840	7557	5725	6965	6994
2097	25	4518	7838	7555	5723	6965	6994
2098	25	4526	7835	7553	5720	6964	6994
2099	25	4534	7833	7550	5718	6964	6993
2100	25	4558	7831	7548	5715	6964	6993
2101	25	4578	7829	7546	5713	6963	6993
2102	25	4595	7827	7544	5711	6963	6992
2103	25	4611	7825	7542	5708	6962	6992
2104	25	4626	7823	7540	5706	6962	6992
2105	25	4640	7821	7537	5703	6962	6991
2106	25	4653	7819	7535	5701	6961	6991
2107	25	4665	7817	7533	5699	6961	6991
2108	25	4677	7815	7531	5696	6960	6990
2109	25	4677	7815	7531	5696	6960	6990

B-1-i. Modelled flux (m^3/day) entering the River Murray in the Mannum to Murray Bridge Area (all scenarios)







B-1-i. Graphs of modelled flux (m^3/day) the River Murray in the Mannum to Murray Bridge Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
1920	466	3172	3154	3154	3154	3154	3154
1930	466	3172	3156	3156	3156	3156	3156
1950	466	3545	3227	3227	3227	3227	3227
1960	466	3707	3299	3299	3299	3299	3299
1970	466	3846	3390	3390	3390	3390	3390
1980	466	3987	3494	3494	3494	3494	3494
1988	466	3993	3498	3498	3498	3498	3498
1989	466	3998	3501	3501	3501	3501	3501
1990	466	4052	3543	3543	3543	3543	3543
1991	466	4082	3566	3566	3566	3566	3566
1992	466	4104	3581	3581	3581	3581	3581
1993	466	4121	3593	3593	3593	3593	3593
1994	466	4135	3602	3602	3602	3602	3602
1995	466	4147	3610	3610	3610	3610	3610
1996	466	4157	3617	3617	3617	3617	3617
1997	466	4166	3622	3622	3622	3622	3622
1998	466	4174	3625	3625	3625	3625	3625
1999	466	4181	3627	3627	3627	3627	3627
2000	466	3717	3185	3185	3184	3184	3185
2001	466	3917	3661	3660	3660	3660	3660
2002	466	4547	4373	4373	4373	4373	4373
2003	466	4994	4859	4859	4860	4860	4860
2004	466	4236	4070	4070	4070	4070	4070
2005	466	4328	4157	4157	4157	4157	4157
2006	466	4361	4172	4172	4172	4172	4172
2007	466	5517	5339	5339	5339	5339	5339
2008	466	9176	9017	9018	9018	9018	9017
2009	466	12078	11903	11903	11903	11903	11903
2010	466	9959	9748	9749	9750	9750	9748
2011	466	8989	8752	8751	8752	8752	8751
2012	466	8416	8159	8158	8159	8159	8158
2013	466	8034	7760	7760	7760	7760	7760
2014	466	7760	7474	7474	7474	7474	7474
2015	466	7553	7257	7257	7257	7257	7258
2016	466	7391	7088	7088	7088	7088	7088
2017	466	7261	6950	6951	6951	6951	6951
2018	466	7154	6837	6838	6838	6838	6838
2019	466	7063	6742	6743	6743	6743	6743
2020	466	7027	6692	6692	6693	6693	6693
2021	466	6989	6642	6642	6644	6644	6642
2022	466	6952	6596	6598	6598	6598	6597
2023	466	6919	6556	6557	6558	6558	6556
2024	466	6889	6520	6523	6522	6568	6567

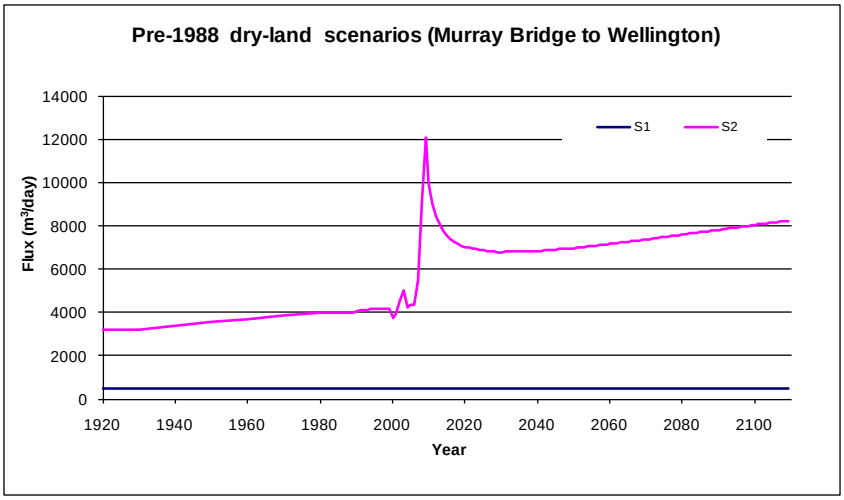
B-1-j. Modelled flux (m^3/day) entering the River Murray in the Murray Bridge to Wellington Area (all scenarios)

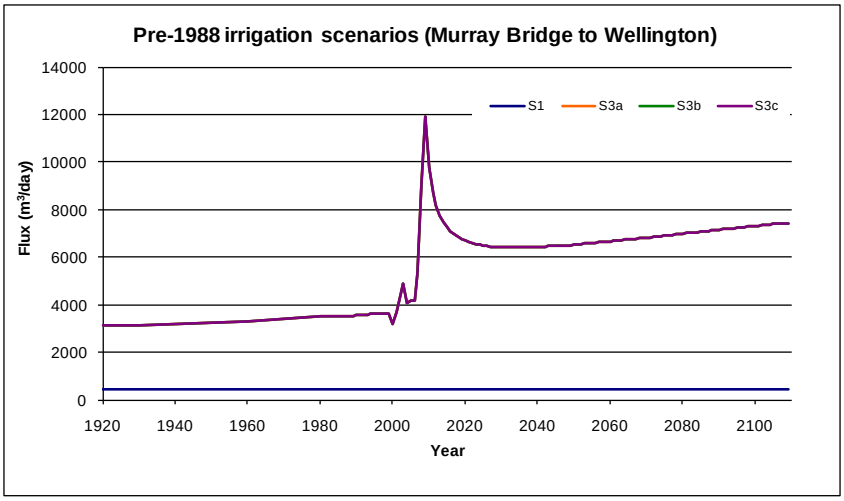
Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2025	466	6861	6488	6491	6489	6548	6547
2026	466	6836	6459	6469	6467	6553	6551
2027	466	6814	6440	6441	6442	6545	6544
2028	466	6793	6422	6423	6424	6559	6558
2029	466	6774	6406	6407	6407	6551	6550
2030	466	6787	6414	6415	6415	6571	6571
2031	466	6794	6417	6418	6418	6580	6579
2032	466	6798	6417	6419	6419	6613	6612
2033	466	6801	6417	6419	6419	6623	6622
2034	466	6802	6416	6418	6418	6627	6626
2035	466	6803	6415	6416	6417	6704	6703
2036	466	6804	6414	6415	6415	6723	6722
2037	466	6804	6412	6413	6414	6732	6731
2038	466	6805	6411	6412	6412	6736	6736
2039	466	6805	6409	6411	6411	6739	6739
2040	466	6826	6424	6426	6426	6757	6757
2041	466	6844	6437	6438	6438	6772	6772
2042	466	6860	6448	6449	6449	6785	6785
2043	466	6875	6457	6459	6459	6797	6797
2044	466	6888	6466	6467	6467	6807	6807
2045	466	6900	6474	6475	6476	6817	6816
2046	466	6911	6481	6483	6483	6825	6825
2047	466	6922	6488	6490	6490	6834	6833
2048	466	6932	6495	6496	6496	6841	6841
2049	466	6942	6501	6502	6502	6849	6848
2050	466	6965	6519	6520	6520	6867	6867
2051	466	6987	6535	6536	6537	6885	6885
2052	466	7008	6551	6552	6552	6902	6901
2053	466	7028	6565	6567	6567	6917	6917
2054	466	7047	6579	6580	6581	6932	6932
2055	466	7065	6592	6593	6594	6946	6945
2056	466	7082	6604	6606	6606	6959	6959
2057	466	7099	6616	6617	6618	6971	6971
2058	466	7114	6627	6628	6629	6983	6983
2059	466	7129	6638	6639	6639	6995	6995
2060	466	7153	6656	6657	6658	7014	7014
2061	466	7177	6675	6676	6676	7033	7033
2062	466	7201	6693	6694	6694	7052	7052
2063	466	7224	6710	6711	6711	7069	7070
2064	466	7245	6726	6727	6727	7086	7086
2065	466	7266	6741	6742	6742	7102	7103
2066	466	7286	6756	6757	6757	7118	7118

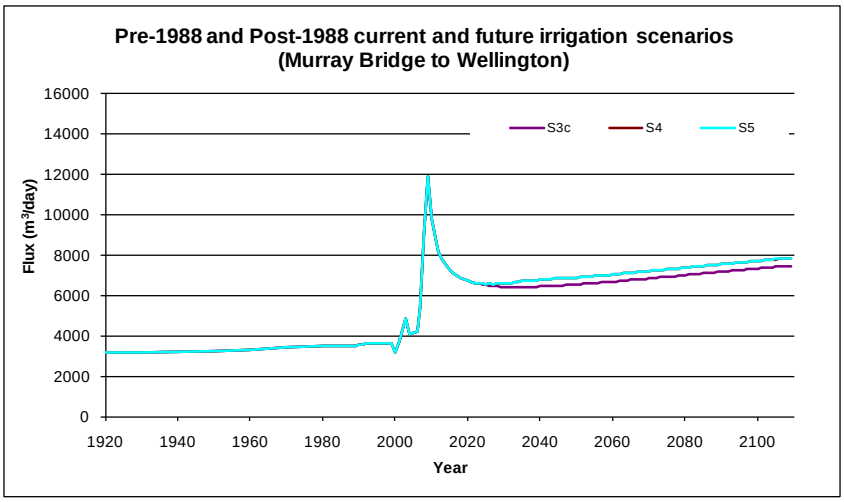
B-1-j. Modelled flux (m^3/day) entering the River Murray in the Murray Bridge to Wellington Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2067	466	7305	6770	6771	6771	7132	7133
2068	466	7324	6784	6785	6785	7147	7147
2069	466	7341	6797	6798	6798	7160	7161
2070	466	7366	6815	6816	6816	7179	7180
2071	466	7390	6834	6835	6835	7199	7200
2072	466	7414	6852	6853	6854	7218	7219
2073	466	7438	6870	6871	6871	7236	7237
2074	466	7460	6887	6888	6888	7254	7255
2075	466	7482	6904	6905	6905	7271	7272
2076	466	7503	6919	6920	6921	7287	7288
2077	466	7524	6934	6935	6935	7303	7304
2078	466	7543	6949	6950	6950	7318	7319
2079	466	7563	6963	6964	6964	7332	7334
2080	466	7588	6981	6982	6983	7351	7352
2081	466	7612	7000	7001	7001	7370	7372
2082	466	7636	7018	7019	7019	7389	7390
2083	466	7660	7036	7037	7037	7407	7408
2084	466	7683	7053	7054	7054	7425	7426
2085	466	7705	7069	7070	7070	7442	7443
2086	466	7726	7085	7086	7086	7458	7459
2087	466	7747	7101	7102	7102	7474	7475
2088	466	7768	7116	7116	7116	7489	7491
2089	466	7787	7130	7131	7131	7504	7506
2090	466	7813	7148	7149	7149	7522	7524
2091	466	7837	7166	7167	7167	7541	7543
2092	466	7860	7183	7184	7184	7559	7561
2093	466	7883	7200	7201	7201	7577	7578
2094	466	7906	7217	7218	7218	7594	7595
2095	466	7928	7233	7234	7234	7610	7612
2096	466	7949	7249	7249	7250	7626	7628
2097	466	7970	7264	7265	7265	7642	7643
2098	466	7991	7279	7279	7279	7657	7659
2099	466	8010	7293	7294	7294	7672	7674
2100	466	8036	7310	7311	7311	7690	7691
2101	466	8059	7328	7328	7329	7707	7709
2102	466	8082	7344	7345	7345	7725	7726
2103	466	8105	7361	7362	7362	7741	7743
2104	466	8126	7377	7377	7378	7758	7759
2105	466	8148	7392	7393	7393	7774	7775
2106	466	8169	7407	7408	7408	7789	7791
2107	466	8189	7422	7423	7423	7804	7806
2108	466	8209	7436	7437	7437	7819	7821
2109	466	8209	7436	7437	7437	7819	7821

B-1-j. Modelled flux (m^3/day) entering the River Murray in the Murray Bridge to Wellington Area (all scenarios)







B-1-j. Graphs of modelled flux (m^3/day) entering the River Murray in the Murray Bridge to Wellington Area (all scenarios)

B-2. MODEL OUTPUT – MORGAN TO LOCK 1

- Model scenario conditions
- Flow budget zones
- Transient groundwater flux and salt load
- Modelled groundwater flux (m^3/d)
- Modelled salt load (t/d)

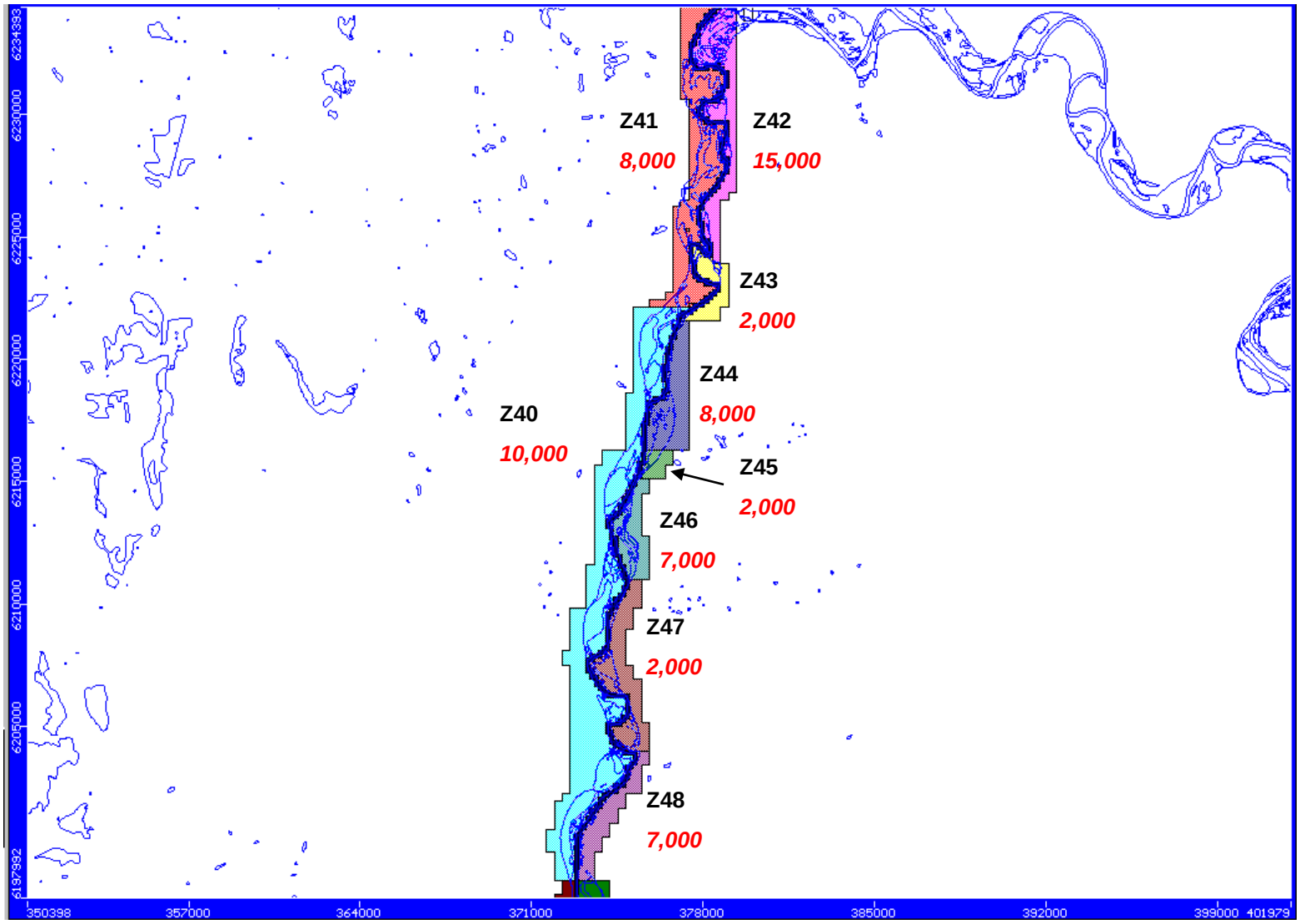
(Transient from 1920 to 2009)

(Scenario-2, 3A, 3B, 3C, 4 and 5)

Scenario	Name	Model Run	Irrigation development area	IIP[1]	RH[2]	SIS[3]
S-1	Natural system	Steady State	None	-	-	-
S-2	Mallee clearance	1920-2109	None (but includes Mallee clearance area)	-	-	-
S-3A	Pre-1988, no IIP, no RH	1988-2109	Pre-1988	No	No	-
S-3B	Pre-1988, with IIP, no RH	1988-2109	Pre-1988	Yes	No	-
S-3C	Pre-1988, with IIP and RH	1988-2109	Pre-1988	Yes	Yes	-
S-4	Current irrigation	2009-2109	Pre-1988 + Post-1988	Yes	Yes	No
S-5	Current plus future irrigation	2009-2109	Pre-1988 + Post-1988 + Future development	Yes	Yes	No

Note: 1 Improved Irrigation practices, 2 Rehabilitation, 3 Salt Interception Scheme (see Glossary for definitions)

B-2. Model Scenario and Conditions



B-2. Flow budget zones (model layer 1) and groundwater salinity values (TDS mg/L) in the Morgan to Lock 1 area

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	*1920*	*1930*	25	149	61	58	39	5	21	61	10	***255***	***174***	**429**
3652	*7305*	*1930*	*1940*	24	148	61	58	39	5	21	61	10	***254***	***173***	**427**
7305	*14610*	*1940*	*1960*	23	147	61	58	39	5	21	61	10	***254***	***170***	**424**
14610	*18263*	*1960*	*1970*	23	147	60	58	39	5	21	60	10	***254***	***169***	**423**
18263	*21915*	*1970*	*1980*	23	146	60	58	39	5	21	60	10	***253***	***169***	**422**
21915	*24837*	*1980*	*1988*	22	146	60	58	39	5	21	60	10	***253***	***168***	**421**
24837	*25202*	*1988*	*1989*	22	146	60	58	39	5	21	60	10	***253***	***168***	**421**
25202	*25567*	*1989*	*1990*	22	146	60	58	39	5	21	60	10	***253***	***168***	**421**
25567	*25932*	*1990*	*1991*	22	146	60	58	39	5	21	60	10	***253***	***168***	**421**
25932	*26298*	*1991*	*1992*	22	146	60	58	39	5	21	60	10	***253***	***168***	**421**
26298	*26663*	*1992*	*1993*	22	146	60	58	39	5	21	60	10	***253***	***168***	**421**
26663	*27028*	*1993*	*1994*	22	146	60	58	39	5	21	60	10	***253***	***168***	**421**
27028	*27393*	*1994*	*1995*	22	145	60	58	39	5	21	60	10	***253***	***168***	**421**
27393	*27759*	*1995*	*1996*	22	145	60	58	39	5	21	60	10	***253***	***168***	**421**
27759	*28124*	*1996*	*1997*	22	145	60	58	39	5	21	60	10	***253***	***168***	**421**
28124	*28489*	*1997*	*1998*	22	145	60	58	39	5	21	60	10	***253***	***167***	**421**
28489	*28854*	*1998*	*1999*	22	145	60	58	39	5	21	60	10	***253***	***167***	**420**
28854	*29220*	*1999*	*2000*	22	145	60	58	39	5	21	60	10	***253***	***167***	**420**
29220	*29585*	*2000*	*2001*	22	145	60	58	39	5	21	60	10	***253***	***167***	**420**
29585	*29950*	*2001*	*2002*	34	194	245	97	141	6	46	69	10	***613***	***228***	**841**
29950	*30315*	*2002*	*2003*	44	229	315	120	148	6	53	75	24	***741***	***272***	**1014**
30315	*30681*	*2003*	*2004*	48	260	344	133	147	6	54	79	34	***797***	***309***	**1105**
30681	*31046*	*2004*	*2005*	50	292	355	140	143	6	54	81	38	***817***	***342***	**1158**
31046	*31411*	*2005*	*2006*	51	321	356	143	138	6	52	81	39	***816***	***372***	**1188**
31411	*31776*	*2006*	*2007*	50	348	350	144	132	6	51	82	38	***803***	***399***	**1202**
31776	*32142*	*2007*	*2008*	49	372	340	143	126	6	49	82	35	***782***	***421***	**1203**
32142	*32507*	*2008*	*2009*	47	389	317	138	114	6	46	81	29	***733***	***436***	**1169**
32507	*32872*	*2009*	*2010*	46	405	309	136	113	6	45	80	26	***714***	***451***	**1165**

B-2 (Transient from 1920 to 2009). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3652*	*1920*	*1930*	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.4***	**3.1**
3652	*7305*	1930	1940	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.4***	**3.1**
7305	*14610*	1940	1960	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.4***	**3.1**
14610	*18263*	1960	1970	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.4***	**3.1**
18263	*21915*	1970	1980	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.4***	**3.1**
21915	*24837*	1980	1988	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.4***	**3.1**
24837	*25202*	1988	1989	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.4***	**3.1**
25202	*25567*	1989	1990	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.4***	**3.1**
25567	*25932*	1990	1991	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.4***	**3.1**
25932	*26298*	1991	1992	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.4***	**3.1**
26298	*26663*	1992	1993	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.4***	**3.1**
26663	*27028*	1993	1994	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.4***	**3.1**
27028	*27393*	1994	1995	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.4***	**3.1**
27393	*27759*	1995	1996	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.4***	**3.1**
27759	*28124*	1996	1997	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.4***	**3.1**
28124	*28489*	1997	1998	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.4***	**3.1**
28489	*28854*	1998	1999	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.4***	**3.1**
28854	*29220*	1999	2000	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.4***	**3.1**
29220	*29585*	2000	2001	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.4***	**3.1**
29585	*29950*	2001	2002	0.3	1.6	3.7	0.2	1.1	0.0	0.3	0.1	0.1	***5.5***	***1.9***	**7.4**
29950	*30315*	2002	2003	0.4	1.8	4.7	0.2	1.2	0.0	0.4	0.1	0.2	***6.8***	***2.3***	**9.1**
30315	*30681*	2003	2004	0.5	2.1	5.2	0.3	1.2	0.0	0.4	0.2	0.2	***7.4***	***2.6***	**10.0**
30681	*31046*	2004	2005	0.5	2.3	5.3	0.3	1.1	0.0	0.4	0.2	0.3	***7.6***	***2.8***	**10.4**
31046	*31411*	2005	2006	0.5	2.6	5.3	0.3	1.1	0.0	0.4	0.2	0.3	***7.5***	***3.1***	**10.6**
31411	*31776*	2006	2007	0.5	2.8	5.3	0.3	1.1	0.0	0.4	0.2	0.3	***7.4***	***3.3***	**10.7**
31776	*32142*	2007	2008	0.5	3.0	5.1	0.3	1.0	0.0	0.3	0.2	0.2	***7.2***	***3.5***	**10.6**
32142	*32507*	2008	2009	0.5	3.1	4.8	0.3	0.9	0.0	0.3	0.2	0.2	***6.7***	***3.6***	**10.2**
32507	*32872*	2009	2010	0.5	3.2	4.6	0.3	0.9	0.0	0.3	0.2	0.2	***6.5***	***3.7***	**10.2**

B-2 (Transient from 1920 to 2009). Modelled groundwater salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	22	146	61	58	39	5	21	61	10	***254***	***169***	**422**
3652	*7305*	1930	1940	22	146	61	58	39	5	21	61	10	***254***	***169***	**422**
7305	*14610*	1940	1960	22	146	61	58	39	5	21	61	10	***254***	***169***	**423**
14610	*18263*	1960	1970	22	146	61	58	40	5	22	61	10	***255***	***169***	**424**
18263	*21915*	1970	1980	22	146	61	58	40	5	22	61	10	***258***	***169***	**426**
21915	*24837*	1980	1988	22	146	63	59	42	6	25	61	10	***265***	***169***	**434**
24837	*25202*	1988	1989	22	146	64	59	42	6	25	61	10	***266***	***169***	**435**
25202	*25567*	1989	1990	22	146	64	59	42	6	25	61	10	***266***	***169***	**435**
25567	*25932*	1990	1991	23	147	65	60	43	6	27	62	10	***274***	***170***	**444**
25932	*26298*	1991	1992	23	148	66	60	44	7	29	62	10	***277***	***170***	**447**
26298	*26663*	1992	1993	23	148	66	61	44	7	30	62	10	***280***	***170***	**450**
26663	*27028*	1993	1994	23	148	66	61	45	7	31	63	10	***282***	***170***	**452**
27028	*27393*	1994	1995	23	148	67	61	45	7	31	63	10	***284***	***170***	**454**
27393	*27759*	1995	1996	23	148	67	61	45	8	32	63	10	***285***	***170***	**456**
27759	*28124*	1996	1997	23	148	67	61	45	8	32	63	10	***287***	***170***	**457**
28124	*28489*	1997	1998	23	148	67	61	46	8	33	64	10	***288***	***170***	**458**
28489	*28854*	1998	1999	23	148	67	62	46	8	33	64	10	***289***	***170***	**460**
28854	*29220*	1999	2000	22	148	68	62	46	8	33	64	10	***291***	***170***	**461**
29220	*29585*	2000	2001	23	150	71	64	50	8	37	67	10	***307***	***172***	**480**
29585	*29950*	2001	2002	23	151	72	65	52	9	39	68	10	***316***	***173***	**489**
29950	*30315*	2002	2003	23	151	73	66	54	9	41	69	10	***322***	***173***	**496**
30315	*30681*	2003	2004	23	151	74	67	55	10	42	70	10	***328***	***174***	**501**
30681	*31046*	2004	2005	23	151	75	68	56	10	43	70	10	***333***	***174***	**506**
31046	*31411*	2005	2006	23	151	76	68	57	10	44	71	10	***337***	***174***	**511**
31411	*31776*	2006	2007	23	151	77	69	58	10	45	72	11	***341***	***174***	**515**
31776	*32142*	2007	2008	23	151	78	70	59	11	45	73	11	***345***	***174***	**519**
32142	*32507*	2008	2009	23	151	78	70	59	11	46	74	11	***349***	***174***	**523**
32507	*32872*	2009	2010	23	151	79	71	60	11	46	74	11	***353***	***174***	**527**
32872	*33237*	2010	2011	23	154	86	76	67	12	51	79	11	***382***	***176***	**558**
33237	*33603*	2011	2012	23	154	90	79	71	12	54	82	11	***399***	***177***	**576**
33603	*33968*	2012	2013	23	155	93	81	75	13	55	84	12	***413***	***177***	**590**
33968	*34333*	2013	2014	23	155	96	84	77	13	57	86	12	***425***	***178***	**603**
34333	*34698*	2014	2015	23	155	99	86	80	13	58	88	12	***436***	***178***	**614**
34698	*35064*	2015	2016	23	155	101	88	82	14	59	90	13	***446***	***178***	**624**
35064	*35429*	2016	2017	23	155	103	90	84	14	60	92	13	***456***	***178***	**634**
35429	*35794*	2017	2018	23	156	106	92	85	14	61	94	13	***465***	***178***	**643**
35794	*36159*	2018	2019	23	156	108	93	87	14	62	95	14	***474***	***178***	**652**
36159	*36525*	2019	2020	23	156	110	95	89	15	63	97	14	***482***	***178***	**660**
36525	*36890*	2020	2021	23	158	121	103	98	15	67	103	14	***521***	***181***	**702**
36890	*37255*	2021	2022	23	159	128	108	104	16	69	108	15	***548***	***182***	**730**
37255	*37620*	2022	2023	23	159	134	113	109	16	71	112	15	***571***	***182***	**753**
37620	*37986*	2023	2024	23	160	140	117	113	17	73	116	16	***591***	***182***	**774**
37986	*38351*	2024	2025	23	160	145	121	117	17	75	119	16	***610***	***183***	**793**

B-2(S2). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 2)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	23	160	150	125	120	18	76	122	17	627	183	810
38716	39081	2026	2027	23	160	154	129	123	18	77	126	17	644	183	827
39081	39447	2027	2028	23	160	159	132	126	18	78	129	18	659	183	843
39447	39812	2028	2029	23	160	163	136	128	18	79	132	18	674	183	858
39812	40177	2029	2030	23	161	167	139	131	19	80	135	19	689	183	872
40177	40542	2030	2031	23	163	180	148	140	19	83	142	20	732	186	918
40542	40908	2031	2032	23	165	189	155	147	20	86	148	20	765	188	953
40908	41273	2032	2033	23	165	198	162	152	20	88	153	21	794	188	983
41273	41638	2033	2034	23	166	206	168	157	21	89	158	22	821	189	1010
41638	42003	2034	2035	23	166	213	173	161	21	91	163	23	845	189	1035
42003	42369	2035	2036	23	166	220	179	165	22	92	167	24	868	190	1058
42369	42734	2036	2037	23	166	226	184	169	22	93	171	24	890	190	1080
42734	43099	2037	2038	23	167	233	189	172	22	95	175	25	911	190	1101
43099	43464	2038	2039	23	167	238	193	175	23	96	179	26	931	190	1121
43464	43830	2039	2040	23	167	244	198	178	23	97	183	27	950	190	1140
43830	44195	2040	2041	24	170	258	207	186	23	99	190	28	991	194	1185
44195	44560	2041	2042	24	171	268	215	192	24	101	196	29	1026	195	1221
44560	44925	2042	2043	24	172	278	222	197	24	103	202	30	1057	196	1253
44925	45291	2043	2044	24	173	287	228	202	25	105	208	31	1085	197	1282
45291	45656	2044	2045	24	173	295	234	206	25	106	213	32	1112	197	1309
45656	46021	2045	2046	24	173	303	240	210	25	108	218	34	1137	197	1334
46021	46386	2046	2047	24	174	310	246	213	26	109	222	35	1161	198	1359
46386	46752	2047	2048	24	174	317	251	217	26	110	227	36	1184	198	1382
46752	47117	2048	2049	24	174	324	256	220	26	111	231	37	1206	198	1404
47117	47482	2049	2050	24	174	330	261	223	27	113	235	38	1227	198	1425
47482	47847	2050	2051	25	177	343	269	229	27	114	241	40	1264	201	1465
47847	48213	2051	2052	25	178	354	277	233	28	116	247	41	1296	203	1499
48213	48578	2052	2053	25	179	364	283	238	28	118	253	42	1325	203	1529
48578	48943	2053	2054	25	179	372	289	242	28	119	258	44	1352	204	1556
48943	49308	2054	2055	25	180	380	295	245	29	121	263	46	1378	205	1583
49308	49674	2055	2056	25	180	388	300	249	29	122	268	47	1403	205	1608
49674	50039	2056	2057	25	180	396	305	252	29	123	272	49	1426	205	1631
50039	50404	2057	2058	25	181	403	310	255	30	124	276	50	1449	205	1654
50404	50769	2058	2059	25	181	409	315	258	30	126	281	52	1471	206	1677
50769	51135	2059	2060	25	181	416	320	261	30	127	285	53	1493	206	1698
51135	51500	2060	2061	25	183	428	327	265	31	128	290	55	1524	208	1732
51500	51865	2061	2062	25	184	438	333	269	31	130	295	57	1553	209	1762
51865	52230	2062	2063	25	185	447	339	272	31	131	300	58	1579	210	1789
52230	52596	2063	2064	25	185	455	344	276	32	133	305	60	1604	211	1814
52596	52961	2064	2065	25	186	462	349	279	32	134	309	62	1628	211	1839
52961	53326	2065	2066	25	186	470	354	282	32	135	314	64	1650	211	1862
53326	53691	2066	2067	25	186	477	359	285	33	136	318	66	1673	212	1884

B-2(S2). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 2)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	25	186	483	363	287	33	138	322	68	1694	212	1906
54057	54422	2068	2069	25	187	490	368	290	33	139	326	69	1716	212	1928
54422	54787	2069	2070	25	187	496	372	293	34	140	330	71	1736	212	1948
54787	55152	2070	2071	26	188	507	378	296	34	141	335	73	1763	214	1977
55152	55518	2071	2072	26	189	515	383	299	34	143	339	75	1789	215	2003
55518	55883	2072	2073	26	190	523	388	302	35	144	344	77	1812	215	2027
55883	56248	2073	2074	26	190	530	392	305	35	145	348	80	1835	216	2050
56248	56613	2074	2075	26	191	537	397	307	35	146	352	82	1856	216	2073
56613	56979	2075	2076	26	191	544	401	310	35	147	356	84	1878	217	2094
56979	57344	2076	2077	26	191	550	406	312	36	149	360	86	1899	217	2115
57344	57709	2077	2078	26	191	556	410	315	36	150	364	88	1919	217	2136
57709	58074	2078	2079	26	191	562	414	317	36	151	368	90	1939	217	2156
58074	58440	2079	2080	26	192	568	418	320	37	152	372	92	1959	217	2176
58440	58805	2080	2081	26	193	577	423	323	37	153	376	95	1983	218	2201
58805	59170	2081	2082	26	193	585	427	325	37	154	380	97	2005	219	2224
59170	59535	2082	2083	26	194	591	432	328	37	155	384	99	2027	220	2247
59535	59901	2083	2084	26	194	598	436	330	38	157	388	102	2048	220	2268
59901	60266	2084	2085	26	195	604	440	333	38	158	391	104	2068	221	2289
60266	60631	2085	2086	26	195	610	444	335	38	159	395	106	2088	221	2309
60631	60996	2086	2087	26	195	616	448	337	39	160	399	109	2107	221	2329
60996	61362	2087	2088	26	195	621	452	340	39	161	403	111	2126	222	2348
61362	61727	2088	2089	26	196	627	456	342	39	162	406	113	2145	222	2367
61727	62092	2089	2090	26	196	632	459	344	39	163	410	116	2164	222	2386
62092	62457	2090	2091	26	196	640	463	347	40	164	414	118	2185	223	2408
62457	62823	2091	2092	26	197	646	468	349	40	165	417	121	2206	223	2429
62823	63188	2092	2093	26	198	652	472	352	40	166	421	123	2226	224	2450
63188	63553	2093	2094	26	198	658	476	354	40	168	425	126	2245	224	2470
63553	63918	2094	2095	26	198	663	479	356	41	169	428	128	2264	225	2489
63918	64284	2095	2096	26	199	669	483	358	41	170	432	131	2283	225	2508
64284	64649	2096	2097	26	199	674	487	361	41	171	435	133	2301	225	2527
64649	65014	2097	2098	26	199	679	490	363	42	172	439	135	2320	225	2545
65014	65379	2098	2099	26	199	684	494	365	42	173	442	138	2337	225	2563
65379	65745	2099	2100	26	199	689	498	367	42	174	446	140	2355	225	2581
65745	66110	2100	2101	26	200	695	501	369	42	175	449	142	2375	226	2601
66110	66475	2101	2102	27	200	701	505	372	43	176	453	145	2394	227	2620
66475	66840	2102	2103	27	201	706	509	374	43	177	456	147	2412	227	2639
66840	67206	2103	2104	27	201	711	513	376	43	178	460	150	2430	228	2658
67206	67571	2104	2105	27	201	716	516	378	43	179	463	152	2448	228	2676
67571	67936	2105	2106	27	201	721	520	380	44	180	467	155	2466	228	2694
67936	68301	2106	2107	27	201	726	523	382	44	181	470	157	2483	228	2711
68301	68667	2107	2108	27	202	731	527	384	44	182	473	159	2500	228	2728
68667	69032	2108	2109	27	202	735	530	386	44	183	477	162	2517	229	2745
69032	69397	2109	2110	27	202	735	530	386	44	183	477	162	2517	229	2745

B-2(S2). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 2)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	3652	1920	1930	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
3652	7305	1930	1940	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
7305	14610	1940	1960	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
14610	18263	1960	1970	0.2	1.2	0.9	0.1	0.3	0.0	0.2	0.1	0.1	1.7	1.4	3.1
18263	21915	1970	1980	0.2	1.2	0.9	0.1	0.3	0.0	0.2	0.1	0.1	1.7	1.4	3.1
21915	24837	1980	1988	0.2	1.2	1.0	0.1	0.3	0.0	0.2	0.1	0.1	1.8	1.4	3.2
24837	25202	1988	1989	0.2	1.2	1.0	0.1	0.3	0.0	0.2	0.1	0.1	1.8	1.4	3.2
25202	25567	1989	1990	0.2	1.2	1.0	0.1	0.3	0.0	0.2	0.1	0.1	1.8	1.4	3.2
25567	25932	1990	1991	0.2	1.2	1.0	0.1	0.3	0.0	0.2	0.1	0.1	1.8	1.4	3.2
25932	26298	1991	1992	0.2	1.2	1.0	0.1	0.3	0.0	0.2	0.1	0.1	1.9	1.4	3.3
26298	26663	1992	1993	0.2	1.2	1.0	0.1	0.4	0.0	0.2	0.1	0.1	1.9	1.4	3.3
26663	27028	1993	1994	0.2	1.2	1.0	0.1	0.4	0.0	0.2	0.1	0.1	1.9	1.4	3.3
27028	27393	1994	1995	0.2	1.2	1.0	0.1	0.4	0.0	0.2	0.1	0.1	1.9	1.4	3.3
27393	27759	1995	1996	0.2	1.2	1.0	0.1	0.4	0.0	0.2	0.1	0.1	1.9	1.4	3.3
27759	28124	1996	1997	0.2	1.2	1.0	0.1	0.4	0.0	0.2	0.1	0.1	1.9	1.4	3.3
28124	28489	1997	1998	0.2	1.2	1.0	0.1	0.4	0.0	0.2	0.1	0.1	1.9	1.4	3.3
28489	28854	1998	1999	0.2	1.2	1.0	0.1	0.4	0.0	0.2	0.1	0.1	1.9	1.4	3.4
28854	29220	1999	2000	0.2	1.2	1.0	0.1	0.4	0.0	0.2	0.1	0.1	2.0	1.4	3.4
29220	29585	2000	2001	0.2	1.2	1.1	0.1	0.4	0.0	0.3	0.1	0.1	2.1	1.4	3.5
29585	29950	2001	2002	0.2	1.2	1.1	0.1	0.4	0.0	0.3	0.1	0.1	2.1	1.4	3.6
29950	30315	2002	2003	0.2	1.2	1.1	0.1	0.4	0.0	0.3	0.1	0.1	2.2	1.4	3.6
30315	30681	2003	2004	0.2	1.2	1.1	0.1	0.4	0.0	0.3	0.1	0.1	2.2	1.4	3.6
30681	31046	2004	2005	0.2	1.2	1.1	0.1	0.4	0.0	0.3	0.1	0.1	2.2	1.4	3.7
31046	31411	2005	2006	0.2	1.2	1.1	0.1	0.5	0.0	0.3	0.1	0.1	2.3	1.4	3.7
31411	31776	2006	2007	0.2	1.2	1.2	0.1	0.5	0.0	0.3	0.1	0.1	2.3	1.4	3.7
31776	32142	2007	2008	0.2	1.2	1.2	0.1	0.5	0.0	0.3	0.1	0.1	2.3	1.4	3.8
32142	32507	2008	2009	0.2	1.2	1.2	0.1	0.5	0.0	0.3	0.1	0.1	2.4	1.4	3.8
32507	32872	2009	2010	0.2	1.2	1.2	0.1	0.5	0.0	0.3	0.1	0.1	2.4	1.4	3.8
32872	33237	2010	2011	0.2	1.2	1.3	0.2	0.5	0.0	0.4	0.2	0.1	2.6	1.5	4.0
33237	33603	2011	2012	0.2	1.2	1.3	0.2	0.6	0.0	0.4	0.2	0.1	2.7	1.5	4.2
33603	33968	2012	2013	0.2	1.2	1.4	0.2	0.6	0.0	0.4	0.2	0.1	2.8	1.5	4.3
33968	34333	2013	2014	0.2	1.2	1.4	0.2	0.6	0.0	0.4	0.2	0.1	2.9	1.5	4.4
34333	34698	2014	2015	0.2	1.2	1.5	0.2	0.6	0.0	0.4	0.2	0.1	3.0	1.5	4.5
34698	35064	2015	2016	0.2	1.2	1.5	0.2	0.7	0.0	0.4	0.2	0.1	3.1	1.5	4.5
35064	35429	2016	2017	0.2	1.2	1.6	0.2	0.7	0.0	0.4	0.2	0.1	3.1	1.5	4.6
35429	35794	2017	2018	0.2	1.2	1.6	0.2	0.7	0.0	0.4	0.2	0.1	3.2	1.5	4.7
35794	36159	2018	2019	0.2	1.2	1.6	0.2	0.7	0.0	0.4	0.2	0.1	3.2	1.5	4.7
36159	36525	2019	2020	0.2	1.2	1.6	0.2	0.7	0.0	0.4	0.2	0.1	3.3	1.5	4.8
36525	36890	2020	2021	0.2	1.3	1.8	0.2	0.8	0.0	0.5	0.2	0.1	3.6	1.5	5.1
36890	37255	2021	2022	0.2	1.3	1.9	0.2	0.8	0.0	0.5	0.2	0.1	3.8	1.5	5.3
37255	37620	2022	2023	0.2	1.3	2.0	0.2	0.9	0.0	0.5	0.2	0.1	4.0	1.5	5.5
37620	37986	2023	2024	0.2	1.3	2.1	0.2	0.9	0.0	0.5	0.2	0.1	4.1	1.5	5.6
37986	38351	2024	2025	0.2	1.3	2.2	0.2	0.9	0.0	0.5	0.2	0.1	4.3	1.5	5.8

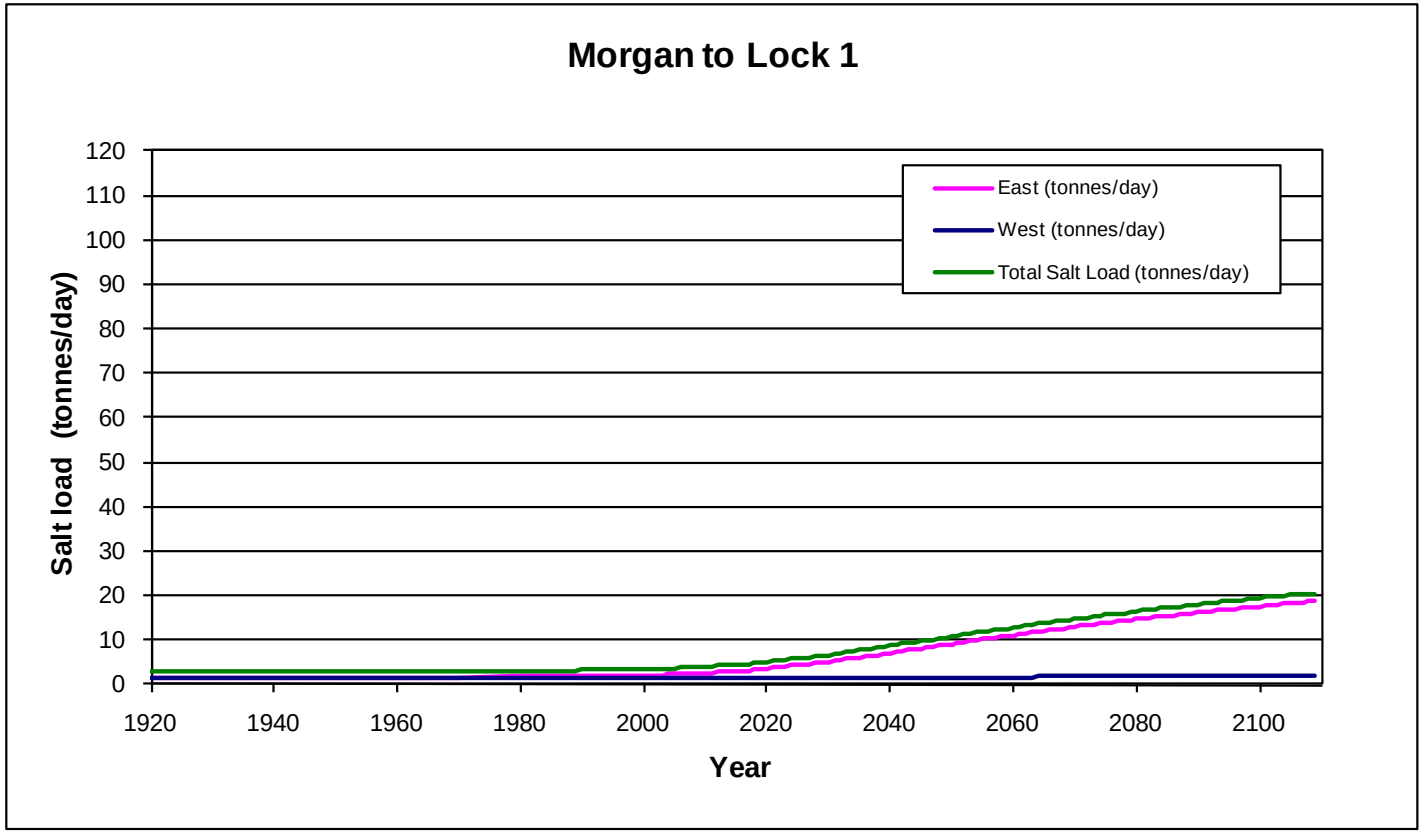
B-2(S2). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 2)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.2	1.3	2.2	0.2	1.0	0.0	0.5	0.2	0.1	4.4	1.5	5.9
38716	39081	2026	2027	0.2	1.3	2.3	0.3	1.0	0.0	0.5	0.3	0.1	4.5	1.5	6.0
39081	39447	2027	2028	0.2	1.3	2.4	0.3	1.0	0.0	0.5	0.3	0.1	4.6	1.5	6.1
39447	39812	2028	2029	0.2	1.3	2.4	0.3	1.0	0.0	0.6	0.3	0.1	4.7	1.5	6.2
39812	40177	2029	2030	0.2	1.3	2.5	0.3	1.0	0.0	0.6	0.3	0.1	4.8	1.5	6.3
40177	40542	2030	2031	0.2	1.3	2.7	0.3	1.1	0.0	0.6	0.3	0.1	5.2	1.5	6.7
40542	40908	2031	2032	0.2	1.3	2.8	0.3	1.2	0.0	0.6	0.3	0.1	5.4	1.5	7.0
40908	41273	2032	2033	0.2	1.3	3.0	0.3	1.2	0.0	0.6	0.3	0.1	5.6	1.6	7.2
41273	41638	2033	2034	0.2	1.3	3.1	0.3	1.3	0.0	0.6	0.3	0.2	5.8	1.6	7.4
41638	42003	2034	2035	0.2	1.3	3.2	0.3	1.3	0.0	0.6	0.3	0.2	6.0	1.6	7.6
42003	42369	2035	2036	0.2	1.3	3.3	0.4	1.3	0.0	0.6	0.3	0.2	6.2	1.6	7.7
42369	42734	2036	2037	0.2	1.3	3.4	0.4	1.4	0.0	0.7	0.3	0.2	6.3	1.6	7.9
42734	43099	2037	2038	0.2	1.3	3.5	0.4	1.4	0.0	0.7	0.4	0.2	6.5	1.6	8.0
43099	43464	2038	2039	0.2	1.3	3.6	0.4	1.4	0.0	0.7	0.4	0.2	6.6	1.6	8.2
43464	43830	2039	2040	0.2	1.3	3.7	0.4	1.4	0.0	0.7	0.4	0.2	6.8	1.6	8.3
43830	44195	2040	2041	0.2	1.4	3.9	0.4	1.5	0.0	0.7	0.4	0.2	7.1	1.6	8.7
44195	44560	2041	2042	0.2	1.4	4.0	0.4	1.5	0.0	0.7	0.4	0.2	7.3	1.6	9.0
44560	44925	2042	2043	0.2	1.4	4.2	0.4	1.6	0.0	0.7	0.4	0.2	7.6	1.6	9.2
44925	45291	2043	2044	0.2	1.4	4.3	0.5	1.6	0.0	0.7	0.4	0.2	7.8	1.6	9.4
45291	45656	2044	2045	0.2	1.4	4.4	0.5	1.6	0.1	0.7	0.4	0.2	8.0	1.6	9.6
45656	46021	2045	2046	0.2	1.4	4.5	0.5	1.7	0.1	0.8	0.4	0.2	8.2	1.6	9.8
46021	46386	2046	2047	0.2	1.4	4.7	0.5	1.7	0.1	0.8	0.4	0.2	8.4	1.6	10.0
46386	46752	2047	2048	0.2	1.4	4.8	0.5	1.7	0.1	0.8	0.5	0.3	8.5	1.6	10.2
46752	47117	2048	2049	0.2	1.4	4.9	0.5	1.8	0.1	0.8	0.5	0.3	8.7	1.6	10.3
47117	47482	2049	2050	0.2	1.4	5.0	0.5	1.8	0.1	0.8	0.5	0.3	8.8	1.6	10.5
47482	47847	2050	2051	0.2	1.4	5.2	0.5	1.8	0.1	0.8	0.5	0.3	9.1	1.7	10.8
47847	48213	2051	2052	0.2	1.4	5.3	0.6	1.9	0.1	0.8	0.5	0.3	9.4	1.7	11.1
48213	48578	2052	2053	0.2	1.4	5.5	0.6	1.9	0.1	0.8	0.5	0.3	9.6	1.7	11.3
48578	48943	2053	2054	0.2	1.4	5.6	0.6	1.9	0.1	0.8	0.5	0.3	9.8	1.7	11.5
48943	49308	2054	2055	0.2	1.4	5.7	0.6	2.0	0.1	0.8	0.5	0.3	10.0	1.7	11.7
49308	49674	2055	2056	0.2	1.4	5.8	0.6	2.0	0.1	0.9	0.5	0.3	10.2	1.7	11.9
49674	50039	2056	2057	0.2	1.4	5.9	0.6	2.0	0.1	0.9	0.5	0.3	10.4	1.7	12.1
50039	50404	2057	2058	0.2	1.4	6.0	0.6	2.0	0.1	0.9	0.6	0.4	10.5	1.7	12.2
50404	50769	2058	2059	0.2	1.4	6.1	0.6	2.1	0.1	0.9	0.6	0.4	10.7	1.7	12.4
50769	51135	2059	2060	0.2	1.4	6.2	0.6	2.1	0.1	0.9	0.6	0.4	10.9	1.7	12.6
51135	51500	2060	2061	0.3	1.5	6.4	0.7	2.1	0.1	0.9	0.6	0.4	11.1	1.7	12.8
51500	51865	2061	2062	0.3	1.5	6.6	0.7	2.2	0.1	0.9	0.6	0.4	11.3	1.7	13.1
51865	52230	2062	2063	0.3	1.5	6.7	0.7	2.2	0.1	0.9	0.6	0.4	11.5	1.7	13.3
52230	52596	2063	2064	0.3	1.5	6.8	0.7	2.2	0.1	0.9	0.6	0.4	11.7	1.7	13.5
52596	52961	2064	2065	0.3	1.5	6.9	0.7	2.2	0.1	0.9	0.6	0.4	11.9	1.7	13.7
52961	53326	2065	2066	0.3	1.5	7.0	0.7	2.3	0.1	0.9	0.6	0.4	12.1	1.7	13.8
53326	53691	2066	2067	0.3	1.5	7.1	0.7	2.3	0.1	1.0	0.6	0.5	12.3	1.7	14.0

B-2(S2). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 2)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	0.3	1.5	7.3	0.7	2.3	0.1	1.0	0.6	0.5	12.4	1.7	14.2
54057	54422	2068	2069	0.3	1.5	7.3	0.7	2.3	0.1	1.0	0.7	0.5	12.6	1.7	14.3
54422	54787	2069	2070	0.3	1.5	7.4	0.7	2.3	0.1	1.0	0.7	0.5	12.7	1.7	14.5
54787	55152	2070	2071	0.3	1.5	7.6	0.8	2.4	0.1	1.0	0.7	0.5	13.0	1.8	14.7
55152	55518	2071	2072	0.3	1.5	7.7	0.8	2.4	0.1	1.0	0.7	0.5	13.2	1.8	14.9
55518	55883	2072	2073	0.3	1.5	7.8	0.8	2.4	0.1	1.0	0.7	0.5	13.3	1.8	15.1
55883	56248	2073	2074	0.3	1.5	8.0	0.8	2.4	0.1	1.0	0.7	0.6	13.5	1.8	15.3
56248	56613	2074	2075	0.3	1.5	8.1	0.8	2.5	0.1	1.0	0.7	0.6	13.7	1.8	15.5
56613	56979	2075	2076	0.3	1.5	8.2	0.8	2.5	0.1	1.0	0.7	0.6	13.8	1.8	15.6
56979	57344	2076	2077	0.3	1.5	8.3	0.8	2.5	0.1	1.0	0.7	0.6	14.0	1.8	15.8
57344	57709	2077	2078	0.3	1.5	8.3	0.8	2.5	0.1	1.0	0.7	0.6	14.1	1.8	15.9
57709	58074	2078	2079	0.3	1.5	8.4	0.8	2.5	0.1	1.1	0.7	0.6	14.3	1.8	16.1
58074	58440	2079	2080	0.3	1.5	8.5	0.8	2.6	0.1	1.1	0.7	0.6	14.4	1.8	16.2
58440	58805	2080	2081	0.3	1.5	8.7	0.8	2.6	0.1	1.1	0.8	0.7	14.6	1.8	16.4
58805	59170	2081	2082	0.3	1.5	8.8	0.9	2.6	0.1	1.1	0.8	0.7	14.8	1.8	16.6
59170	59535	2082	2083	0.3	1.6	8.9	0.9	2.6	0.1	1.1	0.8	0.7	15.0	1.8	16.8
59535	59901	2083	2084	0.3	1.6	9.0	0.9	2.6	0.1	1.1	0.8	0.7	15.1	1.8	17.0
59901	60266	2084	2085	0.3	1.6	9.1	0.9	2.7	0.1	1.1	0.8	0.7	15.3	1.8	17.1
60266	60631	2085	2086	0.3	1.6	9.1	0.9	2.7	0.1	1.1	0.8	0.7	15.4	1.8	17.3
60631	60996	2086	2087	0.3	1.6	9.2	0.9	2.7	0.1	1.1	0.8	0.8	15.6	1.8	17.4
60996	61362	2087	2088	0.3	1.6	9.3	0.9	2.7	0.1	1.1	0.8	0.8	15.7	1.8	17.6
61362	61727	2088	2089	0.3	1.6	9.4	0.9	2.7	0.1	1.1	0.8	0.8	15.9	1.8	17.7
61727	62092	2089	2090	0.3	1.6	9.5	0.9	2.8	0.1	1.1	0.8	0.8	16.0	1.8	17.8
62092	62457	2090	2091	0.3	1.6	9.6	0.9	2.8	0.1	1.1	0.8	0.8	16.2	1.8	18.0
62457	62823	2091	2092	0.3	1.6	9.7	0.9	2.8	0.1	1.2	0.8	0.8	16.3	1.8	18.2
62823	63188	2092	2093	0.3	1.6	9.8	0.9	2.8	0.1	1.2	0.8	0.9	16.5	1.8	18.3
63188	63553	2093	2094	0.3	1.6	9.9	1.0	2.8	0.1	1.2	0.8	0.9	16.6	1.8	18.5
63553	63918	2094	2095	0.3	1.6	9.9	1.0	2.8	0.1	1.2	0.9	0.9	16.8	1.8	18.6
63918	64284	2095	2096	0.3	1.6	10.0	1.0	2.9	0.1	1.2	0.9	0.9	16.9	1.9	18.8
64284	64649	2096	2097	0.3	1.6	10.1	1.0	2.9	0.1	1.2	0.9	0.9	17.0	1.9	18.9
64649	65014	2097	2098	0.3	1.6	10.2	1.0	2.9	0.1	1.2	0.9	0.9	17.2	1.9	19.0
65014	65379	2098	2099	0.3	1.6	10.3	1.0	2.9	0.1	1.2	0.9	1.0	17.3	1.9	19.2
65379	65745	2099	2100	0.3	1.6	10.3	1.0	2.9	0.1	1.2	0.9	1.0	17.4	1.9	19.3
65745	66110	2100	2101	0.3	1.6	10.4	1.0	3.0	0.1	1.2	0.9	1.0	17.6	1.9	19.5
66110	66475	2101	2102	0.3	1.6	10.5	1.0	3.0	0.1	1.2	0.9	1.0	17.7	1.9	19.6
66475	66840	2102	2103	0.3	1.6	10.6	1.0	3.0	0.1	1.2	0.9	1.0	17.9	1.9	19.7
66840	67206	2103	2104	0.3	1.6	10.7	1.0	3.0	0.1	1.2	0.9	1.0	18.0	1.9	19.9
67206	67571	2104	2105	0.3	1.6	10.7	1.0	3.0	0.1	1.3	0.9	1.1	18.1	1.9	20.0
67571	67936	2105	2106	0.3	1.6	10.8	1.0	3.0	0.1	1.3	0.9	1.1	18.3	1.9	20.1
67936	68301	2106	2107	0.3	1.6	10.9	1.0	3.1	0.1	1.3	0.9	1.1	18.4	1.9	20.3
68301	68667	2107	2108	0.3	1.6	11.0	1.1	3.1	0.1	1.3	0.9	1.1	18.5	1.9	20.4
68667	69032	2108	2109	0.3	1.6	11.0	1.1	3.1	0.1	1.3	1.0	1.1	18.6	1.9	20.5
69032	69397	2109	2110	0.3	1.6	11.0	1.1	3.1	0.1	1.3	1.0	1.1	18.6	1.9	20.5
	Salinity (mg/L)			10,000	8,000	15,000	2,000	8,000	2,000	7,000	2,000	7,000			

B-2(S2). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 2)



B-2(S2). Graph of modelled salt load (tonnes/day) entering the River Murray in the Morgan to Lock 1 area (Scenario 2)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	3652	1920	1930	25	149	61	58	39	5	21	61	10	255	174	429
3652	7305	1930	1940	24	148	61	58	39	5	21	61	10	254	173	427
7305	14610	1940	1960	23	147	61	58	39	5	21	61	10	254	170	424
14610	18263	1960	1970	23	147	60	58	39	5	21	60	10	254	169	423
18263	21915	1970	1980	23	146	60	58	39	5	21	60	10	253	169	422
21915	24837	1980	1988	22	146	60	58	39	5	21	60	10	253	168	421
24837	25202	1988	1989	22	146	60	58	39	5	21	60	10	253	168	421
25202	25567	1989	1990	22	146	60	58	39	5	21	60	10	253	168	421
25567	25932	1990	1991	22	146	60	58	39	5	21	60	10	253	168	421
25932	26298	1991	1992	22	146	60	58	39	5	21	60	10	253	168	421
26298	26663	1992	1993	22	146	60	58	39	5	21	60	10	253	168	421
26663	27028	1993	1994	22	145	60	58	39	5	21	60	10	253	168	421
27028	27393	1994	1995	22	145	60	58	39	5	21	60	10	253	168	421
27393	27759	1995	1996	22	145	60	58	39	5	21	60	10	253	168	421
27759	28124	1996	1997	22	145	60	58	39	5	21	60	10	253	168	421
28124	28489	1997	1998	22	145	60	58	39	5	21	60	10	253	167	420
28489	28854	1998	1999	22	145	60	58	39	5	21	60	10	253	167	420
28854	29220	1999	2000	22	145	60	58	39	5	21	60	10	253	167	420
29220	29585	2000	2001	22	145	60	58	39	5	21	60	10	253	167	420
29585	29950	2001	2002	34	194	245	97	141	6	46	69	10	613	228	841
29950	30315	2002	2003	44	228	314	120	148	6	53	75	24	740	272	1012
30315	30681	2003	2004	48	260	344	133	147	6	54	79	34	797	308	1105
30681	31046	2004	2005	50	292	355	140	143	6	54	80	38	816	342	1158
31046	31411	2005	2006	51	321	356	143	138	6	52	81	39	816	372	1188
31411	31776	2006	2007	50	348	350	144	132	6	51	82	38	803	398	1201
31776	32142	2007	2008	49	372	340	143	126	6	49	82	35	782	421	1203
32142	32507	2008	2009	47	389	317	138	114	6	46	81	29	732	436	1168
32507	32872	2009	2010	46	404	309	136	113	6	45	80	26	714	450	1165
32872	33237	2010	2011	46	418	305	135	112	6	44	80	23	706	463	1169
33237	33603	2011	2012	45	429	303	135	112	6	44	80	22	702	475	1176
33603	33968	2012	2013	45	439	302	135	112	6	44	80	21	699	484	1184
33968	34333	2013	2014	46	448	302	135	112	6	44	80	20	698	493	1191
34333	34698	2014	2015	46	455	302	135	112	6	44	80	19	698	501	1199
34698	35064	2015	2016	46	462	302	135	113	6	44	80	18	698	508	1206
35064	35429	2016	2017	46	468	303	136	113	6	44	80	18	699	514	1212
35429	35794	2017	2018	46	473	303	136	113	6	44	80	17	699	519	1219
35794	36159	2018	2019	46	478	304	136	113	6	44	80	17	700	524	1224
36159	36525	2019	2020	47	482	304	136	113	6	44	80	17	701	529	1230
36525	36890	2020	2021	47	486	305	137	113	6	44	80	16	701	533	1234
36890	37255	2021	2022	47	490	305	137	113	6	44	80	16	702	537	1239
37255	37620	2022	2023	47	494	306	137	113	6	44	80	16	703	541	1244
37620	37986	2023	2024	47	497	306	138	113	6	44	80	16	703	544	1247
37986	38351	2024	2025	47	499	307	138	113	6	44	81	15	704	547	1251

B-2(S3a). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 3a)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	47	502	307	138	114	6	44	81	15	705	549	1254
38716	39081	2026	2027	48	504	308	138	114	6	44	81	15	705	552	1257
39081	39447	2027	2028	48	504	308	138	114	6	44	81	15	705	552	1257
39447	39812	2028	2029	48	505	308	138	114	6	44	81	15	705	552	1257
39812	40177	2029	2030	48	505	308	138	114	6	44	81	15	705	553	1258
40177	40542	2030	2031	48	505	308	138	114	6	44	81	15	705	553	1258
40542	40908	2031	2032	48	505	308	138	114	6	44	81	15	705	553	1258
40908	41273	2032	2033	48	506	308	138	114	6	44	81	15	705	553	1259
41273	41638	2033	2034	48	506	308	138	114	6	44	81	15	706	554	1259
41638	42003	2034	2035	48	506	308	138	114	6	44	81	15	706	554	1260
42003	42369	2035	2036	48	506	308	138	114	6	44	81	15	706	554	1260
42369	42734	2036	2037	48	507	308	138	114	6	44	81	15	706	554	1260
42734	43099	2037	2038	48	507	308	138	114	6	44	81	15	706	555	1261
43099	43464	2038	2039	48	507	308	138	114	6	44	81	15	706	555	1261
43464	43830	2039	2040	48	508	308	138	114	6	44	81	15	706	555	1261
43830	44195	2040	2041	48	508	308	138	114	6	44	81	15	706	556	1261
44195	44560	2041	2042	48	508	308	138	114	6	44	81	15	706	556	1262
44560	44925	2042	2043	48	508	308	139	114	6	44	81	15	706	556	1262
44925	45291	2043	2044	48	509	308	139	114	6	44	81	15	706	556	1262
45291	45656	2044	2045	48	509	308	139	114	6	44	81	14	706	557	1263
45656	46021	2045	2046	48	509	308	139	114	6	44	81	14	706	557	1263
46021	46386	2046	2047	48	509	308	139	114	6	44	81	14	706	557	1263
46386	46752	2047	2048	48	509	309	139	114	6	44	81	14	706	557	1264
46752	47117	2048	2049	48	510	309	139	114	6	44	81	14	706	558	1264
47117	47482	2049	2050	48	510	309	139	114	6	44	81	14	707	558	1264
47482	47847	2050	2051	48	510	309	139	114	6	44	81	14	707	558	1265
47847	48213	2051	2052	48	510	309	139	114	6	44	81	14	707	558	1265
48213	48578	2052	2053	48	511	309	139	114	6	44	81	14	707	559	1265
48578	48943	2053	2054	48	511	309	139	114	6	44	81	14	707	559	1266
48943	49308	2054	2055	48	511	309	139	114	6	44	81	14	707	559	1266
49308	49674	2055	2056	48	511	309	139	114	6	44	81	14	707	559	1266
49674	50039	2056	2057	48	512	309	139	114	6	44	81	14	707	560	1267
50039	50404	2057	2058	48	512	309	139	114	6	44	81	14	707	560	1267
50404	50769	2058	2059	48	512	309	139	114	6	44	81	14	707	560	1267
50769	51135	2059	2060	48	512	309	139	114	6	44	81	14	707	560	1267
51135	51500	2060	2061	48	513	309	139	114	6	44	81	14	707	561	1268
51500	51865	2061	2062	48	513	309	139	114	6	44	81	14	707	561	1268
51865	52230	2062	2063	48	513	309	139	114	6	44	81	14	707	561	1268
52230	52596	2063	2064	48	513	309	139	114	6	44	81	14	707	561	1269
52596	52961	2064	2065	48	513	309	139	114	6	44	81	14	707	561	1269
52961	53326	2065	2066	48	514	309	139	114	6	44	81	14	707	562	1269
53326	53691	2066	2067	48	514	309	139	114	6	44	81	14	708	562	1269

B-2(S3a). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 3a)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	48	514	309	139	114	6	44	81	14	708	562	1270
54057	54422	2068	2069	48	514	309	139	114	6	44	81	14	708	562	1270
54422	54787	2069	2070	48	514	310	139	114	6	44	81	14	708	563	1270
54787	55152	2070	2071	48	515	310	139	114	6	44	81	14	708	563	1271
55152	55518	2071	2072	48	515	310	139	114	6	44	81	14	708	563	1271
55518	55883	2072	2073	48	515	310	139	114	6	44	81	14	708	563	1271
55883	56248	2073	2074	48	515	310	139	114	6	44	81	14	708	563	1271
56248	56613	2074	2075	48	516	310	139	114	6	44	81	14	708	564	1272
56613	56979	2075	2076	48	516	310	139	114	6	44	81	14	708	564	1272
56979	57344	2076	2077	48	516	310	139	114	6	44	81	14	708	564	1272
57344	57709	2077	2078	48	516	310	139	114	6	44	81	14	708	564	1273
57709	58074	2078	2079	48	516	310	139	114	6	44	81	14	708	565	1273
58074	58440	2079	2080	48	517	310	139	114	6	44	81	14	708	565	1273
58440	58805	2080	2081	48	517	310	139	114	6	44	81	14	708	565	1273
58805	59170	2081	2082	48	517	310	139	114	6	44	81	14	708	565	1274
59170	59535	2082	2083	48	517	310	139	114	6	44	81	14	708	565	1274
59535	59901	2083	2084	48	517	310	139	114	6	44	81	14	709	566	1274
59901	60266	2084	2085	48	518	310	139	114	6	44	81	14	709	566	1274
60266	60631	2085	2086	48	518	310	139	114	6	44	81	14	709	566	1275
60631	60996	2086	2087	48	518	310	139	114	6	44	81	14	709	566	1275
60996	61362	2087	2088	48	518	310	139	114	6	44	81	14	709	566	1275
61362	61727	2088	2089	48	518	310	139	114	6	44	81	14	709	567	1275
61727	62092	2089	2090	48	519	310	139	114	6	44	81	14	709	567	1276
62092	62457	2090	2091	48	519	310	139	114	6	44	81	14	709	567	1276
62457	62823	2091	2092	48	519	310	139	114	6	44	81	14	709	567	1276
62823	63188	2092	2093	48	519	310	140	114	6	44	81	14	709	567	1276
63188	63553	2093	2094	48	519	311	140	114	6	44	81	14	709	568	1277
63553	63918	2094	2095	48	519	311	140	114	6	44	81	14	709	568	1277
63918	64284	2095	2096	48	520	311	140	114	6	44	81	14	709	568	1277
64284	64649	2096	2097	48	520	311	140	114	6	44	81	14	709	568	1277
64649	65014	2097	2098	48	520	311	140	114	6	44	81	14	709	568	1278
65014	65379	2098	2099	48	520	311	140	114	6	44	81	14	709	569	1278
65379	65745	2099	2100	48	520	311	140	114	6	44	81	14	709	569	1278
65745	66110	2100	2101	48	521	311	140	114	6	44	81	14	709	569	1278
66110	66475	2101	2102	48	521	311	140	114	6	44	81	14	710	569	1279
66475	66840	2102	2103	48	521	311	140	114	6	44	81	13	710	569	1279
66840	67206	2103	2104	48	521	311	140	114	6	44	81	13	710	570	1279
67206	67571	2104	2105	48	521	311	140	114	6	44	81	13	710	570	1279
67571	67936	2105	2106	48	521	311	140	114	6	44	81	13	710	570	1280
67936	68301	2106	2107	48	522	311	140	114	6	44	81	13	710	570	1280
68301	68667	2107	2108	48	522	311	140	114	6	44	81	13	710	570	1280
68667	69032	2108	2109	48	522	311	140	114	6	44	81	13	710	570	1280
69032	69397	2109	2110	48	522	311	140	114	6	44	81	13	710	570	1280

B-2(S3a). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 3a)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3652*	1920	1930	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
3652	*7305*	1930	1940	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
7305	*14610*	1940	1960	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
14610	*18263*	1960	1970	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
18263	*21915*	1970	1980	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
21915	*24837*	1980	1988	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
24837	*25202*	1988	1989	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
25202	*25567*	1989	1990	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
25567	*25932*	1990	1991	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
25932	*26298*	1991	1992	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
26298	*26663*	1992	1993	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
26663	*27028*	1993	1994	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
27028	*27393*	1994	1995	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
27393	*27759*	1995	1996	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
27759	*28124*	1996	1997	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
28124	*28489*	1997	1998	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
28489	*28854*	1998	1999	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
28854	*29220*	1999	2000	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
29220	*29585*	2000	2001	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
29585	*29950*	2001	2002	0.3	1.6	3.7	0.2	1.1	0.0	0.3	0.1	0.1	*5.5*	*1.9*	7.4
29950	*30315*	2002	2003	0.4	1.8	4.7	0.2	1.2	0.0	0.4	0.1	0.2	*6.8*	*2.3*	9.1
30315	*30681*	2003	2004	0.5	2.1	5.2	0.3	1.2	0.0	0.4	0.2	0.2	*7.4*	*2.6*	10.0
30681	*31046*	2004	2005	0.5	2.3	5.3	0.3	1.1	0.0	0.4	0.2	0.3	*7.6*	*2.8*	10.4
31046	*31411*	2005	2006	0.5	2.6	5.3	0.3	1.1	0.0	0.4	0.2	0.3	*7.5*	*3.1*	10.6
31411	*31776*	2006	2007	0.5	2.8	5.3	0.3	1.1	0.0	0.4	0.2	0.3	*7.4*	*3.3*	10.7
31776	*32142*	2007	2008	0.5	3.0	5.1	0.3	1.0	0.0	0.3	0.2	0.2	*7.2*	*3.5*	10.6
32142	*32507*	2008	2009	0.5	3.1	4.8	0.3	0.9	0.0	0.3	0.2	0.2	*6.7*	*3.6*	10.2
32507	*32872*	2009	2010	0.5	3.2	4.6	0.3	0.9	0.0	0.3	0.2	0.2	*6.5*	*3.7*	10.2
32872	*33237*	2010	2011	0.5	3.3	4.6	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*3.8*	10.2
33237	*33603*	2011	2012	0.5	3.4	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.3*	*3.9*	10.2
33603	*33968*	2012	2013	0.5	3.5	4.5	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.0*	10.3
33968	*34333*	2013	2014	0.5	3.6	4.5	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.0*	10.3
34333	*34698*	2014	2015	0.5	3.6	4.5	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.1*	10.4
34698	*35064*	2015	2016	0.5	3.7	4.5	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.2*	10.5
35064	*35429*	2016	2017	0.5	3.7	4.5	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.2*	10.5
35429	*35794*	2017	2018	0.5	3.8	4.5	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.2*	10.6
35794	*36159*	2018	2019	0.5	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.3*	10.6
36159	*36525*	2019	2020	0.5	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.3*	10.7
36525	*36890*	2020	2021	0.5	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.4*	10.7
36890	*37255*	2021	2022	0.5	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.1	*6.4*	*4.4*	10.7
37255	*37620*	2022	2023	0.5	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.1	*6.4*	*4.4*	10.8
37620	*37986*	2023	2024	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	*6.4*	*4.4*	10.8
37986	*38351*	2024	2025	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	*6.4*	*4.5*	10.8

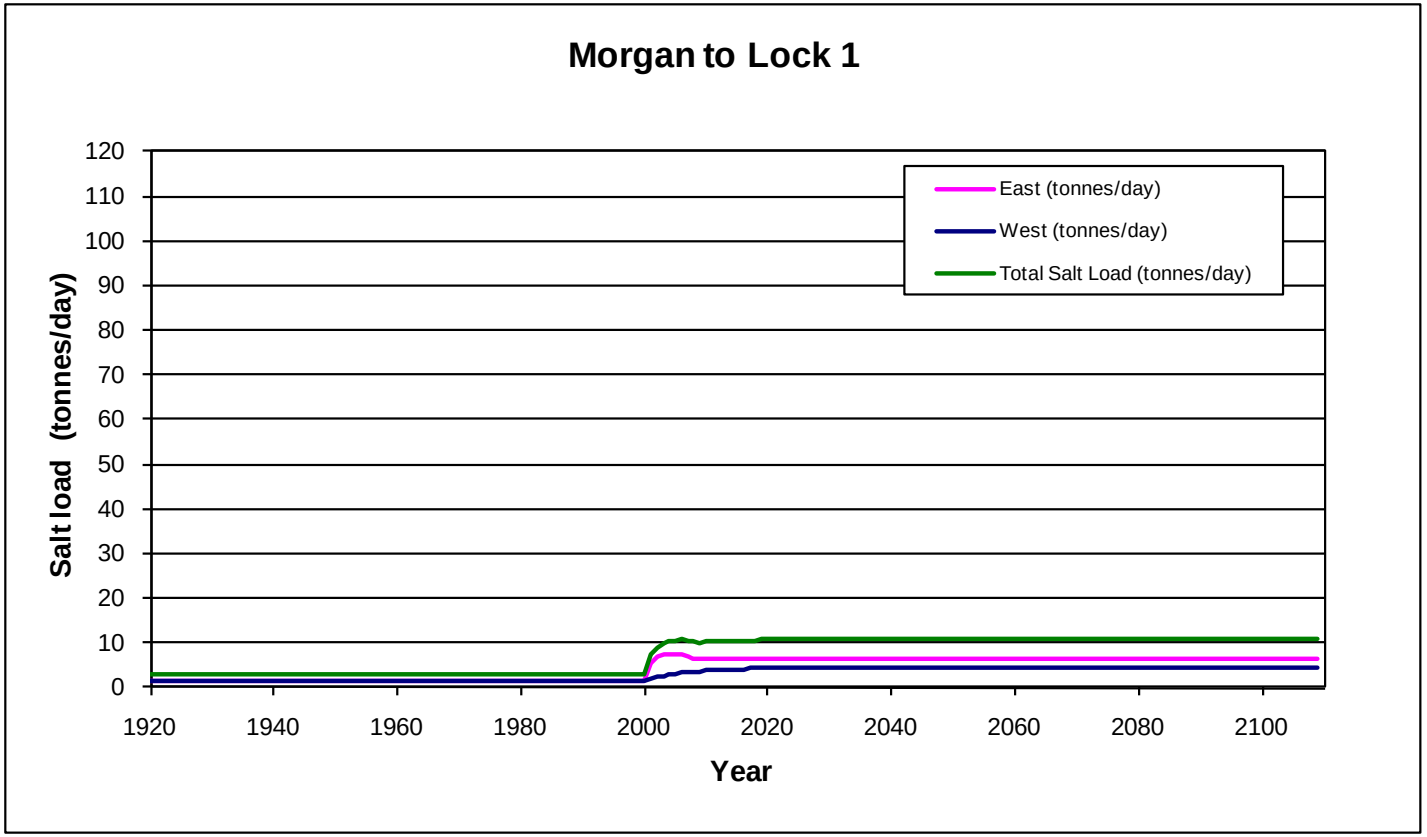
B-2(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 3a)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
38716	39081	2026	2027	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
39081	39447	2027	2028	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
39447	39812	2028	2029	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
39812	40177	2029	2030	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
40177	40542	2030	2031	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
40542	40908	2031	2032	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
40908	41273	2032	2033	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
41273	41638	2033	2034	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
41638	42003	2034	2035	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
42003	42369	2035	2036	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
42369	42734	2036	2037	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
42734	43099	2037	2038	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
43099	43464	2038	2039	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
43464	43830	2039	2040	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
43830	44195	2040	2041	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
44195	44560	2041	2042	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
44560	44925	2042	2043	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
44925	45291	2043	2044	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
45291	45656	2044	2045	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
45656	46021	2045	2046	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	10.9
46021	46386	2046	2047	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
46386	46752	2047	2048	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
46752	47117	2048	2049	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
47117	47482	2049	2050	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
47482	47847	2050	2051	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
47847	48213	2051	2052	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
48213	48578	2052	2053	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
48578	48943	2053	2054	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
48943	49308	2054	2055	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
49308	49674	2055	2056	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
49674	50039	2056	2057	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
50039	50404	2057	2058	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
50404	50769	2058	2059	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
50769	51135	2059	2060	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
51135	51500	2060	2061	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
51500	51865	2061	2062	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
51865	52230	2062	2063	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
52230	52596	2063	2064	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
52596	52961	2064	2065	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
52961	53326	2065	2066	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
53326	53691	2066	2067	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0

B-2(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 3a)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
54057	54422	2068	2069	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
54422	54787	2069	2070	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
54787	55152	2070	2071	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
55152	55518	2071	2072	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
55518	55883	2072	2073	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
55883	56248	2073	2074	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
56248	56613	2074	2075	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
56613	56979	2075	2076	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
56979	57344	2076	2077	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
57344	57709	2077	2078	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
57709	58074	2078	2079	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
58074	58440	2079	2080	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
58440	58805	2080	2081	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
58805	59170	2081	2082	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
59170	59535	2082	2083	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
59535	59901	2083	2084	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
59901	60266	2084	2085	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
60266	60631	2085	2086	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
60631	60996	2086	2087	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
60996	61362	2087	2088	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
61362	61727	2088	2089	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
61727	62092	2089	2090	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
62092	62457	2090	2091	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
62457	62823	2091	2092	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
62823	63188	2092	2093	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
63188	63553	2093	2094	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
63553	63918	2094	2095	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
63918	64284	2095	2096	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
64284	64649	2096	2097	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
64649	65014	2097	2098	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
65014	65379	2098	2099	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
65379	65745	2099	2100	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
65745	66110	2100	2101	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
66110	66475	2101	2102	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.7	11.1
66475	66840	2102	2103	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.7	11.1
66840	67206	2103	2104	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.7	11.1
67206	67571	2104	2105	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.7	11.1
67571	67936	2105	2106	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.7	11.1
67936	68301	2106	2107	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.7	11.1
68301	68667	2107	2108	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.7	11.1
68667	69032	2108	2109	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.7	11.1
69032	69397	2109	2110	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.7	11.1
	Salinity (mg/L)			10,000	8,000	15,000	2,000	8,000	2,000	7,000	2,000	7,000			

B-2(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 3a)



B-2(S3a). Graph of modelled salt load (tonnes/day) entering the River Murray in the Morgan to Lock 1 area (Scenario 3a)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	25	149	61	58	39	5	21	61	10	*255*	*174*	429
3652	*7305*	1930	1940	24	148	61	58	39	5	21	61	10	*254*	*173*	427
7305	*14610*	1940	1960	23	147	61	58	39	5	21	61	10	*254*	*170*	424
14610	*18263*	1960	1970	23	147	60	58	39	5	21	60	10	*254*	*169*	423
18263	*21915*	1970	1980	23	146	60	58	39	5	21	60	10	*253*	*169*	422
21915	*24837*	1980	1988	22	146	60	58	39	5	21	60	10	*253*	*168*	421
24837	*25202*	1988	1989	22	146	60	58	39	5	21	60	10	*253*	*168*	421
25202	*25567*	1989	1990	22	146	60	58	39	5	21	60	10	*253*	*168*	421
25567	*25932*	1990	1991	22	146	60	58	39	5	21	60	10	*253*	*168*	421
25932	*26298*	1991	1992	22	146	60	58	39	5	21	60	10	*253*	*168*	421
26298	*26663*	1992	1993	22	146	60	58	39	5	21	60	10	*253*	*168*	421
26663	*27028*	1993	1994	22	145	60	58	39	5	21	60	10	*253*	*168*	421
27028	*27393*	1994	1995	22	145	60	58	39	5	21	60	10	*253*	*168*	421
27393	*27759*	1995	1996	22	145	60	58	39	5	21	60	10	*253*	*168*	421
27759	*28124*	1996	1997	22	145	60	58	39	5	21	60	10	*253*	*168*	421
28124	*28489*	1997	1998	22	145	60	58	39	5	21	60	10	*253*	*167*	420
28489	*28854*	1998	1999	22	145	60	58	39	5	21	60	10	*253*	*167*	420
28854	*29220*	1999	2000	22	145	60	58	39	5	21	60	10	*253*	*167*	420
29220	*29585*	2000	2001	22	145	60	58	39	5	21	60	10	*253*	*167*	420
29585	*29950*	2001	2002	34	194	245	97	141	6	46	69	10	*613*	*228*	841
29950	*30315*	2002	2003	44	228	314	120	148	6	53	75	24	*740*	*272*	1013
30315	*30681*	2003	2004	48	260	344	133	147	6	54	79	34	*797*	*308*	1105
30681	*31046*	2004	2005	50	292	355	140	143	6	54	81	38	*817*	*342*	1158
31046	*31411*	2005	2006	51	321	356	143	138	6	52	81	39	*816*	*372*	1188
31411	*31776*	2006	2007	50	348	350	144	132	6	51	82	38	*803*	*398*	1201
31776	*32142*	2007	2008	49	372	340	143	126	6	49	82	35	*782*	*421*	1203
32142	*32507*	2008	2009	47	389	317	138	114	6	46	81	29	*733*	*436*	1169
32507	*32872*	2009	2010	46	404	309	136	113	6	45	80	26	*714*	*451*	1165
32872	*33237*	2010	2011	46	418	305	135	112	6	44	80	23	*706*	*463*	1169
33237	*33603*	2011	2012	45	429	303	135	112	6	44	80	22	*702*	*475*	1176
33603	*33968*	2012	2013	45	439	302	135	112	6	44	80	21	*699*	*484*	1184
33968	*34333*	2013	2014	46	448	302	135	112	6	44	80	20	*698*	*493*	1192
34333	*34698*	2014	2015	46	455	302	135	112	6	44	80	19	*698*	*501*	1199
34698	*35064*	2015	2016	46	462	302	135	113	6	44	80	18	*698*	*508*	1206
35064	*35429*	2016	2017	46	468	303	136	113	6	44	80	18	*699*	*514*	1212
35429	*35794*	2017	2018	46	473	303	136	113	6	44	80	17	*699*	*519*	1218
35794	*36159*	2018	2019	46	478	304	136	113	6	44	80	17	*700*	*524*	1224
36159	*36525*	2019	2020	47	482	304	136	113	6	44	80	17	*701*	*529*	1230
36525	*36890*	2020	2021	47	486	305	137	113	6	44	80	16	*701*	*533*	1234
36890	*37255*	2021	2022	47	490	305	137	113	6	44	80	16	*702*	*537*	1239
37255	*37620*	2022	2023	47	493	306	137	113	6	44	80	16	*703*	*540*	1243
37620	*37986*	2023	2024	47	497	306	138	113	6	44	80	16	*703*	*544*	1247
37986	*38351*	2024	2025	47	499	307	138	113	6	44	81	15	*704*	*546*	1250

B-2(S3b). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 3b)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	47	501	307	138	114	6	44	81	15	704	549	1253
38716	39081	2026	2027	47	502	307	138	114	6	44	81	15	704	549	1253
39081	39447	2027	2028	48	504	308	138	114	6	44	81	15	705	552	1257
39447	39812	2028	2029	48	504	308	138	114	6	44	81	15	705	552	1257
39812	40177	2029	2030	48	505	308	138	114	6	44	81	15	705	552	1257
40177	40542	2030	2031	48	505	308	138	114	6	44	81	15	705	552	1258
40542	40908	2031	2032	48	505	308	138	114	6	44	81	15	705	553	1258
40908	41273	2032	2033	48	505	308	138	114	6	44	81	15	705	553	1258
41273	41638	2033	2034	48	506	308	138	114	6	44	81	15	705	553	1259
41638	42003	2034	2035	48	506	308	138	114	6	44	81	15	706	554	1259
42003	42369	2035	2036	48	506	308	138	114	6	44	81	15	706	554	1259
42369	42734	2036	2037	48	506	308	138	114	6	44	81	15	706	554	1260
42734	43099	2037	2038	48	507	308	138	114	6	44	81	15	706	554	1260
43099	43464	2038	2039	48	507	308	138	114	6	44	81	15	706	555	1260
43464	43830	2039	2040	48	507	308	138	114	6	44	81	15	706	555	1261
43830	44195	2040	2041	48	507	308	138	114	6	44	81	15	706	555	1261
44195	44560	2041	2042	48	508	308	138	114	6	44	81	15	706	555	1261
44560	44925	2042	2043	48	508	308	138	114	6	44	81	15	706	556	1262
44925	45291	2043	2044	48	508	308	139	114	6	44	81	15	706	556	1262
45291	45656	2044	2045	48	508	308	139	114	6	44	81	15	706	556	1262
45656	46021	2045	2046	48	509	308	139	114	6	44	81	15	706	556	1263
46021	46386	2046	2047	48	509	308	139	114	6	44	81	14	706	557	1263
46386	46752	2047	2048	48	509	308	139	114	6	44	81	14	706	557	1263
46752	47117	2048	2049	48	509	309	139	114	6	44	81	14	706	557	1264
47117	47482	2049	2050	48	510	309	139	114	6	44	81	14	706	558	1264
47482	47847	2050	2051	48	510	309	139	114	6	44	81	14	707	558	1264
47847	48213	2051	2052	48	510	309	139	114	6	44	81	14	707	558	1265
48213	48578	2052	2053	48	510	309	139	114	6	44	81	14	707	558	1265
48578	48943	2053	2054	48	511	309	139	114	6	44	81	14	707	559	1265
48943	49308	2054	2055	48	511	309	139	114	6	44	81	14	707	559	1266
49308	49674	2055	2056	48	511	309	139	114	6	44	81	14	707	559	1266
49674	50039	2056	2057	48	511	309	139	114	6	44	81	14	707	559	1266
50039	50404	2057	2058	48	512	309	139	114	6	44	81	14	707	559	1266
50404	50769	2058	2059	48	512	309	139	114	6	44	81	14	707	560	1267
50769	51135	2059	2060	48	512	309	139	114	6	44	81	14	707	560	1267
51135	51500	2060	2061	48	512	309	139	114	6	44	81	14	707	560	1267
51500	51865	2061	2062	48	512	309	139	114	6	44	81	14	707	560	1268
51865	52230	2062	2063	48	513	309	139	114	6	44	81	14	707	561	1268
52230	52596	2063	2064	48	513	309	139	114	6	44	81	14	707	561	1268
52596	52961	2064	2065	48	513	309	139	114	6	44	81	14	707	561	1268
52961	53326	2065	2066	48	513	309	139	114	6	44	81	14	707	561	1269
53326	53691	2066	2067	48	514	309	139	114	6	44	81	14	707	562	1269

B-2(S3b). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 3b)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	48	514	309	139	114	6	44	81	14	708	562	1269
54057	54422	2068	2069	48	514	309	139	114	6	44	81	14	708	562	1270
54422	54787	2069	2070	48	514	309	139	114	6	44	81	14	708	562	1270
54787	55152	2070	2071	48	514	310	139	114	6	44	81	14	708	563	1270
55152	55518	2071	2072	48	515	310	139	114	6	44	81	14	708	563	1271
55518	55883	2072	2073	48	515	310	139	114	6	44	81	14	708	563	1271
55883	56248	2073	2074	48	515	310	139	114	6	44	81	14	708	563	1271
56248	56613	2074	2075	48	515	310	139	114	6	44	81	14	708	563	1271
56613	56979	2075	2076	48	515	310	139	114	6	44	81	14	708	564	1272
56979	57344	2076	2077	48	516	310	139	114	6	44	81	14	708	564	1272
57344	57709	2077	2078	48	516	310	139	114	6	44	81	14	708	564	1272
57709	58074	2078	2079	48	516	310	139	114	6	44	81	14	708	564	1272
58074	58440	2079	2080	48	516	310	139	114	6	44	81	14	708	564	1273
58440	58805	2080	2081	48	516	310	139	114	6	44	81	14	708	565	1273
58805	59170	2081	2082	48	517	310	139	114	6	44	81	14	708	565	1273
59170	59535	2082	2083	48	517	310	139	114	6	44	81	14	708	565	1274
59535	59901	2083	2084	48	517	310	139	114	6	44	81	14	708	565	1274
59901	60266	2084	2085	48	517	310	139	114	6	44	81	14	709	566	1274
60266	60631	2085	2086	48	517	310	139	114	6	44	81	14	709	566	1274
60631	60996	2086	2087	48	518	310	139	114	6	44	81	14	709	566	1275
60996	61362	2087	2088	48	518	310	139	114	6	44	81	14	709	566	1275
61362	61727	2088	2089	48	518	310	139	114	6	44	81	14	709	566	1275
61727	62092	2089	2090	48	518	310	139	114	6	44	81	14	709	567	1275
62092	62457	2090	2091	48	518	310	139	114	6	44	81	14	709	567	1276
62457	62823	2091	2092	48	519	310	139	114	6	44	81	14	709	567	1276
62823	63188	2092	2093	48	519	310	139	114	6	44	81	14	709	567	1276
63188	63553	2093	2094	48	519	310	140	114	6	44	81	14	709	567	1276
63553	63918	2094	2095	48	519	311	140	114	6	44	81	14	709	568	1277
63918	64284	2095	2096	48	519	311	140	114	6	44	81	14	709	568	1277
64284	64649	2096	2097	48	520	311	140	114	6	44	81	14	709	568	1277
64649	65014	2097	2098	48	520	311	140	114	6	44	81	14	709	568	1277
65014	65379	2098	2099	48	520	311	140	114	6	44	81	14	709	568	1278
65379	65745	2099	2100	48	520	311	140	114	6	44	81	14	709	569	1278
65745	66110	2100	2101	48	520	311	140	114	6	44	81	14	709	569	1278
66110	66475	2101	2102	48	521	311	140	114	6	44	81	14	709	569	1278
66475	66840	2102	2103	48	521	311	140	114	6	44	81	14	710	569	1279
66840	67206	2103	2104	48	521	311	140	114	6	44	81	13	710	569	1279
67206	67571	2104	2105	48	521	311	140	114	6	44	81	13	710	569	1279
67571	67936	2105	2106	48	521	311	140	114	6	44	81	13	710	570	1279
67936	68301	2106	2107	48	521	311	140	114	6	44	81	13	710	570	1280
68301	68667	2107	2108	48	522	311	140	114	6	44	81	13	710	570	1280
68667	69032	2108	2109	48	522	311	140	114	6	44	81	13	710	570	1280
69032	69397	2109	2110	48	522	311	140	114	6	44	81	13	710	570	1280

B-2(S3b). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 3b)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3652*	1920	1930	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
3652	*7305*	1930	1940	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
7305	*14610*	1940	1960	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
14610	*18263*	1960	1970	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
18263	*21915*	1970	1980	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
21915	*24837*	1980	1988	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
24837	*25202*	1988	1989	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
25202	*25567*	1989	1990	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
25567	*25932*	1990	1991	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
25932	*26298*	1991	1992	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
26298	*26663*	1992	1993	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
26663	*27028*	1993	1994	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
27028	*27393*	1994	1995	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
27393	*27759*	1995	1996	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
27759	*28124*	1996	1997	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
28124	*28489*	1997	1998	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
28489	*28854*	1998	1999	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
28854	*29220*	1999	2000	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
29220	*29585*	2000	2001	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
29585	*29950*	2001	2002	0.3	1.6	3.7	0.2	1.1	0.0	0.3	0.1	0.1	*5.5*	*1.9*	7.4
29950	*30315*	2002	2003	0.4	1.8	4.7	0.2	1.2	0.0	0.4	0.1	0.2	*6.8*	*2.3*	9.1
30315	*30681*	2003	2004	0.5	2.1	5.2	0.3	1.2	0.0	0.4	0.2	0.2	*7.4*	*2.6*	10.0
30681	*31046*	2004	2005	0.5	2.3	5.3	0.3	1.1	0.0	0.4	0.2	0.3	*7.6*	*2.8*	10.4
31046	*31411*	2005	2006	0.5	2.6	5.3	0.3	1.1	0.0	0.4	0.2	0.3	*7.5*	*3.1*	10.6
31411	*31776*	2006	2007	0.5	2.8	5.3	0.3	1.1	0.0	0.4	0.2	0.3	*7.4*	*3.3*	10.7
31776	*32142*	2007	2008	0.5	3.0	5.1	0.3	1.0	0.0	0.3	0.2	0.2	*7.2*	*3.5*	10.6
32142	*32507*	2008	2009	0.5	3.1	4.8	0.3	0.9	0.0	0.3	0.2	0.2	*6.7*	*3.6*	10.2
32507	*32872*	2009	2010	0.5	3.2	4.6	0.3	0.9	0.0	0.3	0.2	0.2	*6.5*	*3.7*	10.2
32872	*33237*	2010	2011	0.5	3.3	4.6	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*3.8*	10.2
33237	*33603*	2011	2012	0.5	3.4	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.3*	*3.9*	10.2
33603	*33968*	2012	2013	0.5	3.5	4.5	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.0*	10.3
33968	*34333*	2013	2014	0.5	3.6	4.5	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.0*	10.3
34333	*34698*	2014	2015	0.5	3.6	4.5	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.1*	10.4
34698	*35064*	2015	2016	0.5	3.7	4.5	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.2*	10.5
35064	*35429*	2016	2017	0.5	3.7	4.5	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.2*	10.5
35429	*35794*	2017	2018	0.5	3.8	4.5	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.2*	10.6
35794	*36159*	2018	2019	0.5	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.3*	10.6
36159	*36525*	2019	2020	0.5	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.3*	10.7
36525	*36890*	2020	2021	0.5	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.4*	10.7
36890	*37255*	2021	2022	0.5	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.1	*6.4*	*4.4*	10.7
37255	*37620*	2022	2023	0.5	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.1	*6.4*	*4.4*	10.8
37620	*37986*	2023	2024	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	*6.4*	*4.4*	10.8
37986	*38351*	2024	2025	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	*6.4*	*4.5*	10.8

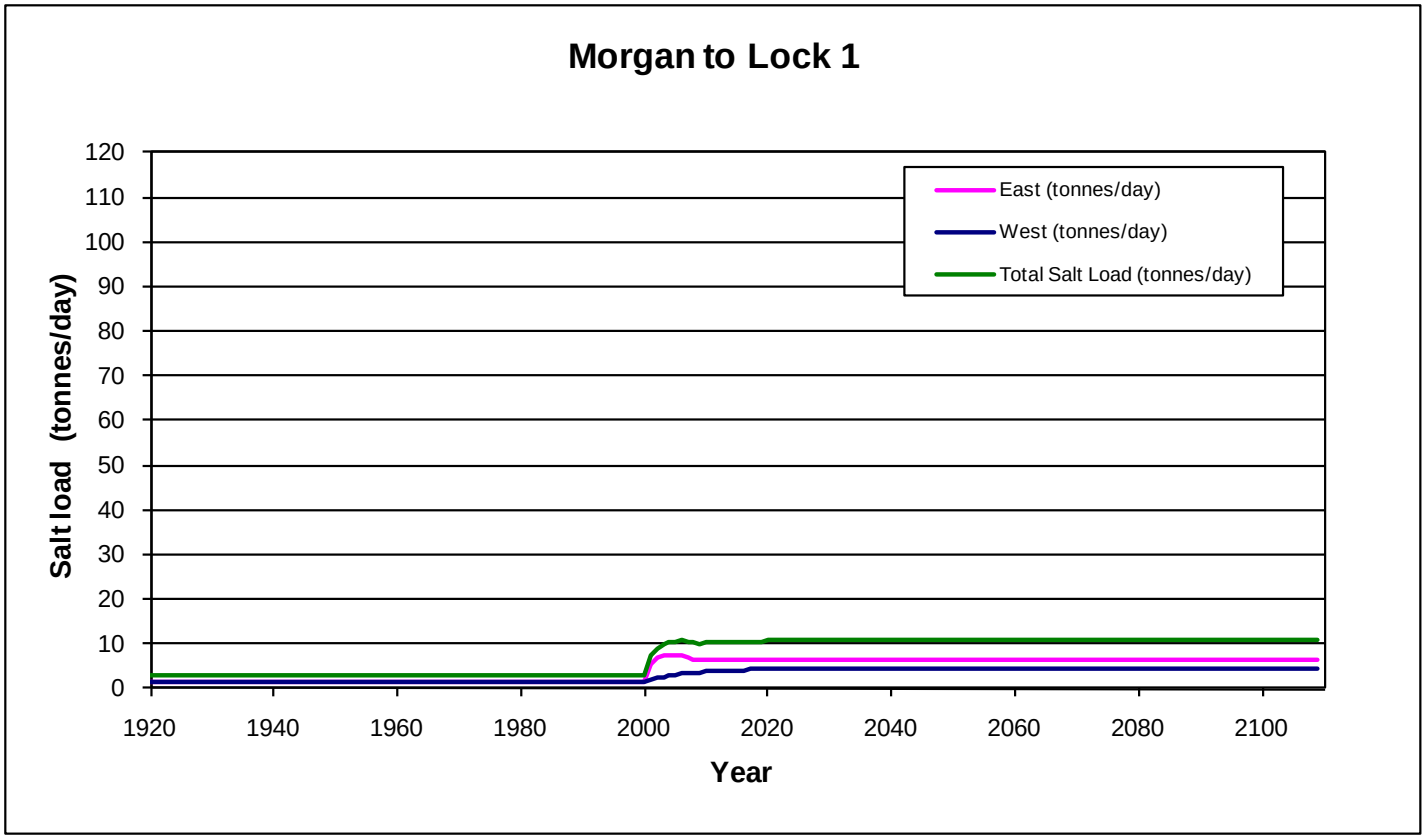
B-2(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 3b)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
38716	39081	2026	2027	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
39081	39447	2027	2028	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
39447	39812	2028	2029	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
39812	40177	2029	2030	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
40177	40542	2030	2031	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
40542	40908	2031	2032	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
40908	41273	2032	2033	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
41273	41638	2033	2034	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
41638	42003	2034	2035	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
42003	42369	2035	2036	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
42369	42734	2036	2037	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
42734	43099	2037	2038	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
43099	43464	2038	2039	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
43464	43830	2039	2040	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
43830	44195	2040	2041	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
44195	44560	2041	2042	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
44560	44925	2042	2043	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
44925	45291	2043	2044	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
45291	45656	2044	2045	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
45656	46021	2045	2046	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
46021	46386	2046	2047	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
46386	46752	2047	2048	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	10.9
46752	47117	2048	2049	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
47117	47482	2049	2050	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
47482	47847	2050	2051	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
47847	48213	2051	2052	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
48213	48578	2052	2053	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
48578	48943	2053	2054	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
48943	49308	2054	2055	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
49308	49674	2055	2056	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
49674	50039	2056	2057	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
50039	50404	2057	2058	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
50404	50769	2058	2059	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
50769	51135	2059	2060	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
51135	51500	2060	2061	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
51500	51865	2061	2062	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
51865	52230	2062	2063	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
52230	52596	2063	2064	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
52596	52961	2064	2065	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
52961	53326	2065	2066	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
53326	53691	2066	2067	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0

B-2(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 3b)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
54057	54422	2068	2069	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
54422	54787	2069	2070	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
54787	55152	2070	2071	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
55152	55518	2071	2072	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
55518	55883	2072	2073	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
55883	56248	2073	2074	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
56248	56613	2074	2075	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
56613	56979	2075	2076	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
56979	57344	2076	2077	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
57344	57709	2077	2078	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
57709	58074	2078	2079	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
58074	58440	2079	2080	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
58440	58805	2080	2081	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
58805	59170	2081	2082	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
59170	59535	2082	2083	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
59535	59901	2083	2084	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
59901	60266	2084	2085	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
60266	60631	2085	2086	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
60631	60996	2086	2087	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
60996	61362	2087	2088	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
61362	61727	2088	2089	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
61727	62092	2089	2090	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
62092	62457	2090	2091	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
62457	62823	2091	2092	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
62823	63188	2092	2093	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
63188	63553	2093	2094	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
63553	63918	2094	2095	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
63918	64284	2095	2096	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
64284	64649	2096	2097	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
64649	65014	2097	2098	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
65014	65379	2098	2099	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
65379	65745	2099	2100	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
65745	66110	2100	2101	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
66110	66475	2101	2102	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
66475	66840	2102	2103	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
66840	67206	2103	2104	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.7	11.1
67206	67571	2104	2105	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.7	11.1
67571	67936	2105	2106	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.7	11.1
67936	68301	2106	2107	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.7	11.1
68301	68667	2107	2108	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.7	11.1
68667	69032	2108	2109	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.7	11.1
69032	69397	2109	2110	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.7	11.1
	Salinity (mg/L)			10,000	8,000	15,000	2,000	8,000	2,000	7,000	2,000	7,000			

B-2(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 3b)



B-2(S3b). Graph of modelled salt load (tonnes/day) entering the River Murray in the Morgan to Lock 1 area (Scenario 3b)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	25	149	61	58	39	5	21	61	10	*255*	*174*	429
3652	*7305*	1930	1940	24	148	61	58	39	5	21	61	10	*254*	*173*	427
7305	*14610*	1940	1960	23	147	61	58	39	5	21	61	10	*254*	*170*	424
14610	*18263*	1960	1970	23	147	60	58	39	5	21	60	10	*254*	*169*	423
18263	*21915*	1970	1980	23	146	60	58	39	5	21	60	10	*253*	*169*	422
21915	*24837*	1980	1988	22	146	60	58	39	5	21	60	10	*253*	*168*	421
24837	*25202*	1988	1989	22	146	60	58	39	5	21	60	10	*253*	*168*	421
25202	*25567*	1989	1990	22	146	60	58	39	5	21	60	10	*253*	*168*	421
25567	*25932*	1990	1991	22	146	60	58	39	5	21	60	10	*253*	*168*	421
25932	*26298*	1991	1992	22	146	60	58	39	5	21	60	10	*253*	*168*	421
26298	*26663*	1992	1993	22	146	60	58	39	5	21	60	10	*253*	*168*	421
26663	*27028*	1993	1994	22	145	60	58	39	5	21	60	10	*253*	*168*	421
27028	*27393*	1994	1995	22	145	60	58	39	5	21	60	10	*253*	*168*	421
27393	*27759*	1995	1996	22	145	60	58	39	5	21	60	10	*253*	*168*	421
27759	*28124*	1996	1997	22	145	60	58	39	5	21	60	10	*253*	*168*	421
28124	*28489*	1997	1998	22	145	60	58	39	5	21	60	10	*253*	*167*	420
28489	*28854*	1998	1999	22	145	60	58	39	5	21	60	10	*253*	*167*	420
28854	*29220*	1999	2000	22	145	60	58	39	5	21	60	10	*253*	*167*	420
29220	*29585*	2000	2001	22	145	60	58	39	5	21	60	10	*253*	*167*	420
29585	*29950*	2001	2002	34	194	245	97	141	6	46	69	10	*613*	*228*	841
29950	*30315*	2002	2003	44	228	314	120	148	6	53	75	24	*740*	*272*	1012
30315	*30681*	2003	2004	48	260	344	133	147	6	54	79	34	*797*	*308*	1105
30681	*31046*	2004	2005	50	292	355	140	143	6	54	81	38	*817*	*342*	1158
31046	*31411*	2005	2006	51	321	356	143	138	6	52	81	39	*816*	*372*	1188
31411	*31776*	2006	2007	50	348	350	144	132	6	51	82	38	*803*	*398*	1201
31776	*32142*	2007	2008	49	371	340	143	126	6	49	82	35	*782*	*421*	1202
32142	*32507*	2008	2009	47	388	317	138	114	6	46	81	29	*732*	*436*	1168
32507	*32872*	2009	2010	46	404	309	136	113	6	45	80	26	*714*	*450*	1165
32872	*33237*	2010	2011	46	418	305	135	112	6	44	80	23	*706*	*463*	1169
33237	*33603*	2011	2012	45	429	303	135	112	6	44	80	22	*702*	*474*	1176
33603	*33968*	2012	2013	45	439	302	135	112	6	44	80	21	*699*	*484*	1184
33968	*34333*	2013	2014	46	447	302	135	112	6	44	80	20	*698*	*493*	1191
34333	*34698*	2014	2015	46	455	302	135	112	6	44	80	19	*698*	*501*	1199
34698	*35064*	2015	2016	46	462	302	135	113	6	44	80	18	*698*	*507*	1206
35064	*35429*	2016	2017	46	468	303	136	113	6	44	80	18	*699*	*514*	1212
35429	*35794*	2017	2018	46	473	303	136	113	6	44	80	17	*699*	*519*	1218
35794	*36159*	2018	2019	46	478	304	136	113	6	44	80	17	*700*	*524*	1224
36159	*36525*	2019	2020	47	482	304	136	113	6	44	80	17	*701*	*529*	1229
36525	*36890*	2020	2021	47	486	305	137	113	6	44	80	16	*701*	*533*	1234
36890	*37255*	2021	2022	47	490	305	137	113	6	44	80	16	*702*	*537*	1239
37255	*37620*	2022	2023	47	493	306	137	113	6	44	80	16	*703*	*540*	1243
37620	*37986*	2023	2024	47	496	306	137	113	6	44	80	16	*703*	*543*	1247
37986	*38351*	2024	2025	47	499	307	138	113	6	44	81	15	*704*	*546*	1250

B-2(S3c). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 3c)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	47	502	307	138	114	6	44	81	15	704	549	1254
38716	39081	2026	2027	47	502	307	138	114	6	44	81	15	705	549	1254
39081	39447	2027	2028	48	504	307	138	114	6	44	81	15	705	551	1256
39447	39812	2028	2029	48	504	308	138	114	6	44	81	15	705	552	1257
39812	40177	2029	2030	48	504	308	138	114	6	44	81	15	705	552	1257
40177	40542	2030	2031	48	505	308	138	114	6	44	81	15	705	552	1258
40542	40908	2031	2032	48	505	308	138	114	6	44	81	15	705	553	1258
40908	41273	2032	2033	48	505	308	138	114	6	44	81	15	705	553	1258
41273	41638	2033	2034	48	506	308	138	114	6	44	81	15	705	553	1259
41638	42003	2034	2035	48	506	308	138	114	6	44	81	15	705	553	1259
42003	42369	2035	2036	48	506	308	138	114	6	44	81	15	706	554	1259
42369	42734	2036	2037	48	506	308	138	114	6	44	81	15	706	554	1260
42734	43099	2037	2038	48	507	308	138	114	6	44	81	15	706	554	1260
43099	43464	2038	2039	48	507	308	138	114	6	44	81	15	706	555	1260
43464	43830	2039	2040	48	507	308	138	114	6	44	81	15	706	555	1261
43830	44195	2040	2041	48	507	308	138	114	6	44	81	15	706	555	1261
44195	44560	2041	2042	48	508	308	138	114	6	44	81	15	706	555	1261
44560	44925	2042	2043	48	508	308	138	114	6	44	81	15	706	556	1262
44925	45291	2043	2044	48	508	308	138	114	6	44	81	15	706	556	1262
45291	45656	2044	2045	48	508	308	139	114	6	44	81	15	706	556	1262
45656	46021	2045	2046	48	509	308	139	114	6	44	81	15	706	556	1263
46021	46386	2046	2047	48	509	308	139	114	6	44	81	14	706	557	1263
46386	46752	2047	2048	48	509	308	139	114	6	44	81	14	706	557	1263
46752	47117	2048	2049	48	509	308	139	114	6	44	81	14	706	557	1264
47117	47482	2049	2050	48	510	309	139	114	6	44	81	14	706	557	1264
47482	47847	2050	2051	48	510	309	139	114	6	44	81	14	706	558	1264
47847	48213	2051	2052	48	510	309	139	114	6	44	81	14	707	558	1264
48213	48578	2052	2053	48	510	309	139	114	6	44	81	14	707	558	1265
48578	48943	2053	2054	48	511	309	139	114	6	44	81	14	707	558	1265
48943	49308	2054	2055	48	511	309	139	114	6	44	81	14	707	559	1265
49308	49674	2055	2056	48	511	309	139	114	6	44	81	14	707	559	1266
49674	50039	2056	2057	48	511	309	139	114	6	44	81	14	707	559	1266
50039	50404	2057	2058	48	511	309	139	114	6	44	81	14	707	559	1266
50404	50769	2058	2059	48	512	309	139	114	6	44	81	14	707	560	1267
50769	51135	2059	2060	48	512	309	139	114	6	44	81	14	707	560	1267
51135	51500	2060	2061	48	512	309	139	114	6	44	81	14	707	560	1267
51500	51865	2061	2062	48	512	309	139	114	6	44	81	14	707	560	1267
51865	52230	2062	2063	48	513	309	139	114	6	44	81	14	707	561	1268
52230	52596	2063	2064	48	513	309	139	114	6	44	81	14	707	561	1268
52596	52961	2064	2065	48	513	309	139	114	6	44	81	14	707	561	1268
52961	53326	2065	2066	48	513	309	139	114	6	44	81	14	707	561	1269
53326	53691	2066	2067	48	513	309	139	114	6	44	81	14	707	561	1269

B-2(S3c). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 3c)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	48	514	309	139	114	6	44	81	14	708	562	1269
54057	54422	2068	2069	48	514	309	139	114	6	44	81	14	708	562	1270
54422	54787	2069	2070	48	514	309	139	114	6	44	81	14	708	562	1270
54787	55152	2070	2071	48	514	309	139	114	6	44	81	14	708	562	1270
55152	55518	2071	2072	48	515	310	139	114	6	44	81	14	708	563	1270
55518	55883	2072	2073	48	515	310	139	114	6	44	81	14	708	563	1271
55883	56248	2073	2074	48	515	310	139	114	6	44	81	14	708	563	1271
56248	56613	2074	2075	48	515	310	139	114	6	44	81	14	708	563	1271
56613	56979	2075	2076	48	515	310	139	114	6	44	81	14	708	564	1271
56979	57344	2076	2077	48	516	310	139	114	6	44	81	14	708	564	1272
57344	57709	2077	2078	48	516	310	139	114	6	44	81	14	708	564	1272
57709	58074	2078	2079	48	516	310	139	114	6	44	81	14	708	564	1272
58074	58440	2079	2080	48	516	310	139	114	6	44	81	14	708	564	1273
58440	58805	2080	2081	48	516	310	139	114	6	44	81	14	708	565	1273
58805	59170	2081	2082	48	517	310	139	114	6	44	81	14	708	565	1273
59170	59535	2082	2083	48	517	310	139	114	6	44	81	14	708	565	1273
59535	59901	2083	2084	48	517	310	139	114	6	44	81	14	708	565	1274
59901	60266	2084	2085	48	517	310	139	114	6	44	81	14	708	565	1274
60266	60631	2085	2086	48	517	310	139	114	6	44	81	14	709	566	1274
60631	60996	2086	2087	48	518	310	139	114	6	44	81	14	709	566	1274
60996	61362	2087	2088	48	518	310	139	114	6	44	81	14	709	566	1275
61362	61727	2088	2089	48	518	310	139	114	6	44	81	14	709	566	1275
61727	62092	2089	2090	48	518	310	139	114	6	44	81	14	709	566	1275
62092	62457	2090	2091	48	518	310	139	114	6	44	81	14	709	567	1276
62457	62823	2091	2092	48	519	310	139	114	6	44	81	14	709	567	1276
62823	63188	2092	2093	48	519	310	139	114	6	44	81	14	709	567	1276
63188	63553	2093	2094	48	519	310	140	114	6	44	81	14	709	567	1276
63553	63918	2094	2095	48	519	310	140	114	6	44	81	14	709	567	1277
63918	64284	2095	2096	48	519	311	140	114	6	44	81	14	709	568	1277
64284	64649	2096	2097	48	520	311	140	114	6	44	81	14	709	568	1277
64649	65014	2097	2098	48	520	311	140	114	6	44	81	14	709	568	1277
65014	65379	2098	2099	48	520	311	140	114	6	44	81	14	709	568	1278
65379	65745	2099	2100	48	520	311	140	114	6	44	81	14	709	568	1278
65745	66110	2100	2101	48	520	311	140	114	6	44	81	14	709	569	1278
66110	66475	2101	2102	48	520	311	140	114	6	44	81	14	709	569	1278
66475	66840	2102	2103	48	521	311	140	114	6	44	81	14	709	569	1279
66840	67206	2103	2104	48	521	311	140	114	6	44	81	13	710	569	1279
67206	67571	2104	2105	48	521	311	140	114	6	44	81	13	710	569	1279
67571	67936	2105	2106	48	521	311	140	114	6	44	81	13	710	570	1279
67936	68301	2106	2107	48	521	311	140	114	6	44	81	13	710	570	1279
68301	68667	2107	2108	48	522	311	140	114	6	44	81	13	710	570	1280
68667	69032	2108	2109	48	522	311	140	114	6	44	81	13	710	570	1280
69032	69397	2109	2110	48	522	311	140	114	6	44	81	13	710	570	1280

B-2(S3c). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 3c)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3652*	1920	1930	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
3652	*7305*	1930	1940	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
7305	*14610*	1940	1960	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
14610	*18263*	1960	1970	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
18263	*21915*	1970	1980	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
21915	*24837*	1980	1988	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
24837	*25202*	1988	1989	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
25202	*25567*	1989	1990	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
25567	*25932*	1990	1991	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
25932	*26298*	1991	1992	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
26298	*26663*	1992	1993	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
26663	*27028*	1993	1994	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
27028	*27393*	1994	1995	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
27393	*27759*	1995	1996	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
27759	*28124*	1996	1997	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
28124	*28489*	1997	1998	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
28489	*28854*	1998	1999	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
28854	*29220*	1999	2000	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
29220	*29585*	2000	2001	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.4*	3.1
29585	*29950*	2001	2002	0.3	1.6	3.7	0.2	1.1	0.0	0.3	0.1	0.1	*5.5*	*1.9*	7.4
29950	*30315*	2002	2003	0.4	1.8	4.7	0.2	1.2	0.0	0.4	0.1	0.2	*6.8*	*2.3*	9.1
30315	*30681*	2003	2004	0.5	2.1	5.2	0.3	1.2	0.0	0.4	0.2	0.2	*7.4*	*2.6*	10.0
30681	*31046*	2004	2005	0.5	2.3	5.3	0.3	1.1	0.0	0.4	0.2	0.3	*7.6*	*2.8*	10.4
31046	*31411*	2005	2006	0.5	2.6	5.3	0.3	1.1	0.0	0.4	0.2	0.3	*7.5*	*3.1*	10.6
31411	*31776*	2006	2007	0.5	2.8	5.3	0.3	1.1	0.0	0.4	0.2	0.3	*7.4*	*3.3*	10.7
31776	*32142*	2007	2008	0.5	3.0	5.1	0.3	1.0	0.0	0.3	0.2	0.2	*7.2*	*3.5*	10.6
32142	*32507*	2008	2009	0.5	3.1	4.8	0.3	0.9	0.0	0.3	0.2	0.2	*6.7*	*3.6*	10.2
32507	*32872*	2009	2010	0.5	3.2	4.6	0.3	0.9	0.0	0.3	0.2	0.2	*6.5*	*3.7*	10.2
32872	*33237*	2010	2011	0.5	3.3	4.6	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*3.8*	10.2
33237	*33603*	2011	2012	0.5	3.4	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.3*	*3.9*	10.2
33603	*33968*	2012	2013	0.5	3.5	4.5	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.0*	10.3
33968	*34333*	2013	2014	0.5	3.6	4.5	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.0*	10.3
34333	*34698*	2014	2015	0.5	3.6	4.5	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.1*	10.4
34698	*35064*	2015	2016	0.5	3.7	4.5	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.2*	10.5
35064	*35429*	2016	2017	0.5	3.7	4.5	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.2*	10.5
35429	*35794*	2017	2018	0.5	3.8	4.5	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.2*	10.6
35794	*36159*	2018	2019	0.5	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.3*	10.6
36159	*36525*	2019	2020	0.5	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.3*	10.7
36525	*36890*	2020	2021	0.5	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.1	*6.3*	*4.4*	10.7
36890	*37255*	2021	2022	0.5	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.1	*6.4*	*4.4*	10.7
37255	*37620*	2022	2023	0.5	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.1	*6.4*	*4.4*	10.8
37620	*37986*	2023	2024	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	*6.4*	*4.4*	10.8
37986	*38351*	2024	2025	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	*6.4*	*4.5*	10.8

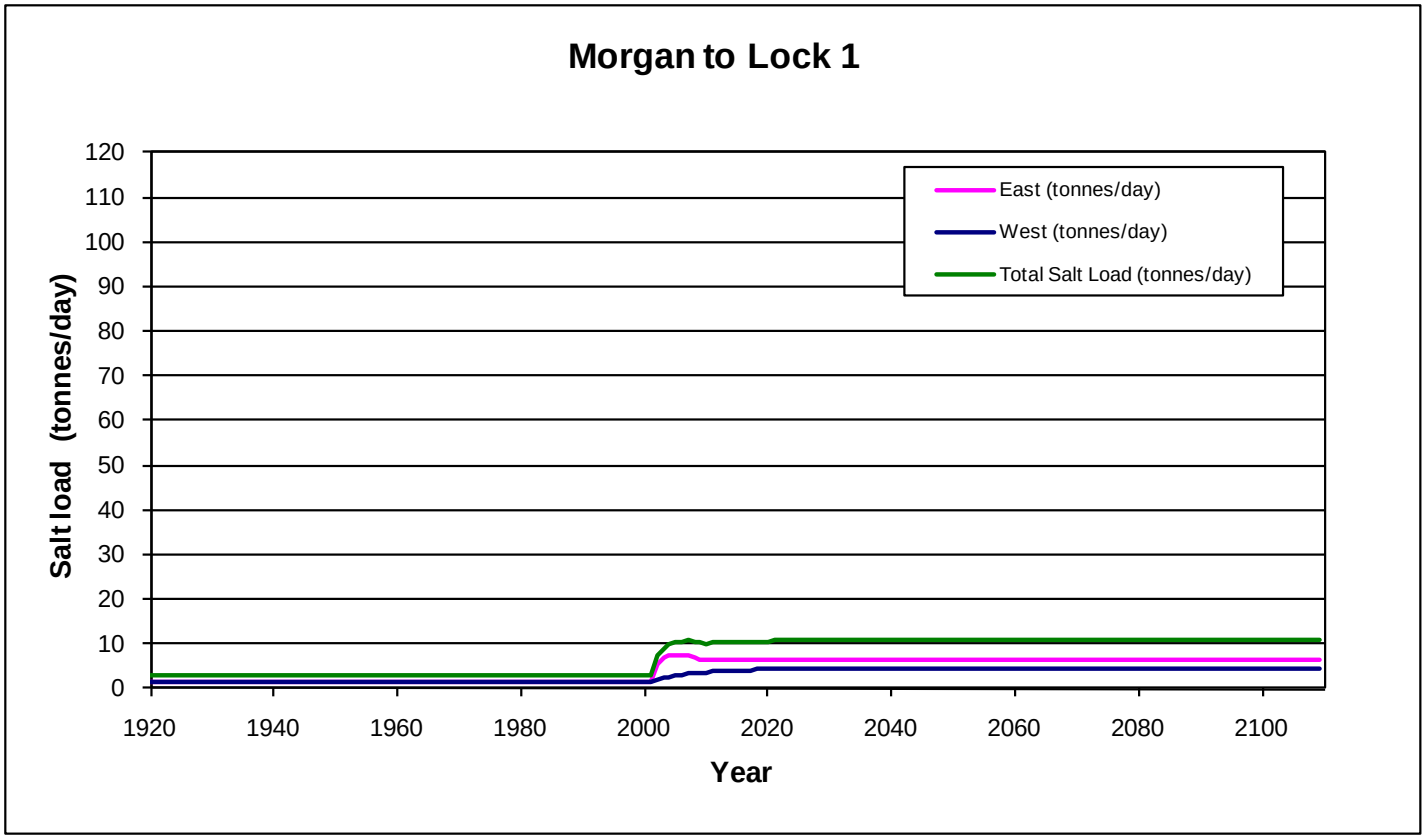
B-2(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 3c)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
38716	39081	2026	2027	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
39081	39447	2027	2028	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
39447	39812	2028	2029	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
39812	40177	2029	2030	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
40177	40542	2030	2031	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
40542	40908	2031	2032	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
40908	41273	2032	2033	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
41273	41638	2033	2034	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
41638	42003	2034	2035	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
42003	42369	2035	2036	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
42369	42734	2036	2037	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
42734	43099	2037	2038	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
43099	43464	2038	2039	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
43464	43830	2039	2040	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
43830	44195	2040	2041	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
44195	44560	2041	2042	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
44560	44925	2042	2043	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
44925	45291	2043	2044	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
45291	45656	2044	2045	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
45656	46021	2045	2046	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
46021	46386	2046	2047	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.5	10.9
46386	46752	2047	2048	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	10.9
46752	47117	2048	2049	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
47117	47482	2049	2050	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
47482	47847	2050	2051	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
47847	48213	2051	2052	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
48213	48578	2052	2053	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
48578	48943	2053	2054	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
48943	49308	2054	2055	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
49308	49674	2055	2056	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
49674	50039	2056	2057	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
50039	50404	2057	2058	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
50404	50769	2058	2059	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
50769	51135	2059	2060	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
51135	51500	2060	2061	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
51500	51865	2061	2062	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
51865	52230	2062	2063	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
52230	52596	2063	2064	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
52596	52961	2064	2065	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
52961	53326	2065	2066	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
53326	53691	2066	2067	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0

B-2(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 3c)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
54057	54422	2068	2069	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
54422	54787	2069	2070	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
54787	55152	2070	2071	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
55152	55518	2071	2072	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
55518	55883	2072	2073	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
55883	56248	2073	2074	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
56248	56613	2074	2075	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
56613	56979	2075	2076	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
56979	57344	2076	2077	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
57344	57709	2077	2078	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
57709	58074	2078	2079	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
58074	58440	2079	2080	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
58440	58805	2080	2081	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
58805	59170	2081	2082	0.5	4.1	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
59170	59535	2082	2083	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
59535	59901	2083	2084	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
59901	60266	2084	2085	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
60266	60631	2085	2086	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
60631	60996	2086	2087	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
60996	61362	2087	2088	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.0
61362	61727	2088	2089	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
61727	62092	2089	2090	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
62092	62457	2090	2091	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
62457	62823	2091	2092	0.5	4.1	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
62823	63188	2092	2093	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
63188	63553	2093	2094	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
63553	63918	2094	2095	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
63918	64284	2095	2096	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
64284	64649	2096	2097	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
64649	65014	2097	2098	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
65014	65379	2098	2099	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
65379	65745	2099	2100	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
65745	66110	2100	2101	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
66110	66475	2101	2102	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
66475	66840	2102	2103	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.6	11.1
66840	67206	2103	2104	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.7	11.1
67206	67571	2104	2105	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.7	11.1
67571	67936	2105	2106	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.7	11.1
67936	68301	2106	2107	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.7	11.1
68301	68667	2107	2108	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.7	11.1
68667	69032	2108	2109	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.7	11.1
69032	69397	2109	2110	0.5	4.2	4.7	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.7	11.1
	Salinity (mg/L)			10,000	8,000	15,000	2,000	8,000	2,000	7,000	2,000	7,000			

B-2(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 3c)



B-2(S3c). Graph of modelled salt load (tonnes/day) entering the River Murray in the Morgan to Lock 1 area (Scenario 3c)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	25	149	61	58	39	5	21	61	10	*255*	*174*	429
3652	*7305*	1930	1940	24	148	61	58	39	5	21	61	10	*254*	*173*	427
7305	*14610*	1940	1960	23	147	61	58	39	5	21	61	10	*254*	*170*	424
14610	*18263*	1960	1970	23	147	60	58	39	5	21	60	10	*254*	*169*	423
18263	*21915*	1970	1980	23	146	60	58	39	5	21	60	10	*253*	*169*	422
21915	*24837*	1980	1988	22	146	60	58	39	5	21	60	10	*253*	*168*	421
24837	*25202*	1988	1989	22	146	60	58	39	5	21	60	10	*253*	*168*	421
25202	*25567*	1989	1990	22	146	60	58	39	5	21	60	10	*253*	*168*	421
25567	*25932*	1990	1991	22	146	60	58	39	5	21	60	10	*253*	*168*	421
25932	*26298*	1991	1992	22	146	60	58	39	5	21	60	10	*253*	*168*	421
26298	*26663*	1992	1993	22	146	60	58	39	5	21	60	10	*253*	*168*	421
26663	*27028*	1993	1994	22	145	60	58	39	5	21	60	10	*253*	*168*	421
27028	*27393*	1994	1995	22	145	60	58	39	5	21	60	10	*253*	*168*	421
27393	*27759*	1995	1996	22	145	60	58	39	5	21	60	10	*253*	*168*	421
27759	*28124*	1996	1997	22	145	60	58	39	5	21	60	10	*253*	*168*	421
28124	*28489*	1997	1998	22	145	60	58	39	5	21	60	10	*253*	*167*	420
28489	*28854*	1998	1999	22	145	60	58	39	5	21	60	10	*253*	*167*	420
28854	*29220*	1999	2000	22	145	60	58	39	5	21	60	10	*253*	*167*	420
29220	*29585*	2000	2001	22	145	60	58	39	5	21	60	10	*253*	*167*	420
29585	*29950*	2001	2002	34	194	245	97	141	6	46	69	10	*613*	*228*	841
29950	*30315*	2002	2003	44	228	314	120	148	6	53	75	24	*740*	*272*	1012
30315	*30681*	2003	2004	48	260	344	133	147	6	54	79	34	*797*	*308*	1105
30681	*31046*	2004	2005	50	292	355	140	143	6	54	81	38	*817*	*342*	1158
31046	*31411*	2005	2006	51	321	356	143	138	6	52	81	39	*816*	*372*	1188
31411	*31776*	2006	2007	50	348	350	144	132	6	51	82	38	*803*	*398*	1201
31776	*32142*	2007	2008	49	371	340	143	126	6	49	82	35	*782*	*421*	1202
32142	*32507*	2008	2009	47	388	317	138	114	6	46	81	29	*732*	*436*	1168
32507	*32872*	2009	2010	46	404	309	136	113	6	45	80	26	*714*	*450*	1165
32872	*33237*	2010	2011	46	418	305	135	112	6	44	80	23	*706*	*463*	1169
33237	*33603*	2011	2012	45	429	303	135	112	6	44	80	22	*702*	*474*	1176
33603	*33968*	2012	2013	45	439	302	135	112	6	44	80	21	*699*	*484*	1184
33968	*34333*	2013	2014	46	447	302	135	112	6	44	80	20	*698*	*493*	1191
34333	*34698*	2014	2015	46	455	302	135	112	6	44	80	19	*698*	*501*	1199
34698	*35064*	2015	2016	46	462	302	135	113	6	44	80	18	*698*	*507*	1206
35064	*35429*	2016	2017	46	468	303	136	113	6	44	80	18	*699*	*514*	1212
35429	*35794*	2017	2018	46	473	303	136	113	6	44	80	17	*699*	*519*	1218
35794	*36159*	2018	2019	46	478	304	136	113	6	44	80	17	*700*	*524*	1224
36159	*36525*	2019	2020	47	482	304	136	113	6	44	80	17	*701*	*529*	1229
36525	*36890*	2020	2021	47	486	305	137	113	6	44	80	16	*701*	*533*	1234
36890	*37255*	2021	2022	47	490	305	137	113	6	44	80	16	*702*	*537*	1239
37255	*37620*	2022	2023	47	493	306	137	113	6	44	80	16	*703*	*540*	1243
37620	*37986*	2023	2024	47	496	306	137	113	6	44	80	16	*703*	*543*	1247
37986	*38351*	2024	2025	49	502	326	141	134	21	57	104	19	*802*	*551*	1353

B-2(S4). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 4)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	50	510	330	143	140	24	62	116	21	837	559	1397
38716	39081	2026	2027	51	520	332	144	150	33	92	127	24	902	571	1473
39081	39447	2027	2028	52	531	334	145	155	36	104	135	27	937	583	1520
39447	39812	2028	2029	53	541	335	146	171	39	134	141	38	1004	594	1598
39812	40177	2029	2030	54	550	336	147	175	42	148	146	45	1037	604	1641
40177	40542	2030	2031	56	572	346	148	180	43	158	157	58	1091	628	1720
40542	40908	2031	2032	57	582	351	149	182	44	163	163	67	1120	640	1759
40908	41273	2032	2033	58	596	355	155	184	45	168	182	73	1162	654	1816
41273	41638	2033	2034	59	603	356	156	185	46	173	191	81	1186	662	1848
41638	42003	2034	2035	60	609	358	157	185	46	175	196	88	1205	669	1874
42003	42369	2035	2036	63	623	359	157	189	47	194	201	97	1244	686	1930
42369	42734	2036	2037	65	631	360	158	190	47	202	204	113	1274	696	1970
42734	43099	2037	2038	67	638	360	158	191	48	205	207	132	1301	705	2006
43099	43464	2038	2039	68	645	361	159	192	48	207	210	152	1328	713	2041
43464	43830	2039	2040	69	651	362	159	192	48	208	212	171	1352	720	2072
43830	44195	2040	2041	70	657	362	160	192	49	209	214	188	1374	727	2100
44195	44560	2041	2042	71	662	363	160	193	49	210	215	204	1393	733	2126
44560	44925	2042	2043	71	667	363	160	193	49	210	217	219	1411	738	2149
44925	45291	2043	2044	72	672	364	161	193	49	211	218	231	1427	743	2170
45291	45656	2044	2045	72	676	364	161	194	49	211	219	243	1441	748	2189
45656	46021	2045	2046	72	680	365	161	194	49	212	221	253	1454	752	2206
46021	46386	2046	2047	73	683	365	161	194	49	212	222	262	1465	756	2221
46386	46752	2047	2048	73	686	365	162	194	49	212	223	270	1476	759	2235
46752	47117	2048	2049	73	690	366	162	194	49	213	224	278	1485	763	2248
47117	47482	2049	2050	74	692	366	162	195	49	213	225	284	1494	766	2260
47482	47847	2050	2051	74	695	366	162	195	49	213	226	291	1502	769	2271
47847	48213	2051	2052	74	698	367	163	195	49	213	226	296	1510	772	2281
48213	48578	2052	2053	74	700	367	163	195	49	213	227	301	1516	774	2290
48578	48943	2053	2054	74	702	367	163	195	50	214	228	306	1523	777	2299
48943	49308	2054	2055	75	704	368	163	196	50	214	229	310	1528	779	2307
49308	49674	2055	2056	75	706	368	163	196	50	214	230	314	1534	781	2315
49674	50039	2056	2057	75	708	368	164	196	50	214	230	317	1539	783	2322
50039	50404	2057	2058	75	710	368	164	196	50	214	231	321	1544	785	2329
50404	50769	2058	2059	75	711	369	164	196	50	214	232	324	1548	787	2335
50769	51135	2059	2060	75	713	369	164	196	50	214	232	327	1553	788	2341
51135	51500	2060	2061	75	715	369	164	196	50	214	233	330	1557	790	2347
51500	51865	2061	2062	76	716	369	164	196	50	215	234	332	1560	792	2352
51865	52230	2062	2063	76	717	370	165	197	50	215	234	334	1564	793	2357
52230	52596	2063	2064	76	719	370	165	197	50	215	235	337	1568	795	2362
52596	52961	2064	2065	76	720	370	165	197	50	215	235	339	1571	796	2367
52961	53326	2065	2066	76	721	370	165	197	50	215	236	341	1574	797	2371
53326	53691	2066	2067	76	722	371	165	197	50	215	236	343	1577	799	2375

B-2(S4). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 4)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	76	724	371	165	197	50	215	237	344	1580	800	2379
54057	54422	2068	2069	76	725	371	165	197	50	215	238	346	1582	801	2383
54422	54787	2069	2070	76	726	371	166	197	50	215	238	348	1585	802	2387
54787	55152	2070	2071	76	727	371	166	197	50	215	238	349	1587	803	2390
55152	55518	2071	2072	76	728	372	166	197	50	215	239	350	1590	804	2394
55518	55883	2072	2073	77	729	372	166	198	50	215	239	352	1592	805	2397
55883	56248	2073	2074	77	730	372	166	198	50	215	240	353	1594	806	2400
56248	56613	2074	2075	77	731	372	166	198	50	216	240	354	1596	807	2404
56613	56979	2075	2076	77	732	372	166	198	50	216	241	355	1598	808	2407
56979	57344	2076	2077	77	732	372	166	198	50	216	241	357	1600	809	2409
57344	57709	2077	2078	77	733	373	167	198	50	216	242	358	1602	810	2412
57709	58074	2078	2079	77	734	373	167	198	50	216	242	359	1604	811	2415
58074	58440	2079	2080	77	735	373	167	198	50	216	242	359	1606	812	2417
58440	58805	2080	2081	77	736	373	167	198	50	216	243	360	1607	813	2420
58805	59170	2081	2082	77	736	373	167	198	50	216	243	361	1609	813	2422
59170	59535	2082	2083	77	737	373	167	198	50	216	243	362	1610	814	2424
59535	59901	2083	2084	77	738	374	167	198	50	216	244	363	1612	815	2427
59901	60266	2084	2085	77	739	374	167	198	50	216	244	364	1613	816	2429
60266	60631	2085	2086	77	739	374	167	198	50	216	244	364	1615	816	2431
60631	60996	2086	2087	77	740	374	167	199	50	216	245	365	1616	817	2433
60996	61362	2087	2088	77	740	374	168	199	50	216	245	366	1617	818	2435
61362	61727	2088	2089	77	741	374	168	199	50	216	245	366	1618	818	2437
61727	62092	2089	2090	77	742	374	168	199	50	216	246	367	1620	819	2439
62092	62457	2090	2091	77	742	374	168	199	50	216	246	367	1621	820	2441
62457	62823	2091	2092	77	743	375	168	199	50	216	246	368	1622	820	2442
62823	63188	2092	2093	77	743	375	168	199	50	216	247	368	1623	821	2444
63188	63553	2093	2094	77	744	375	168	199	50	216	247	369	1624	822	2446
63553	63918	2094	2095	78	745	375	168	199	50	216	247	370	1625	822	2448
63918	64284	2095	2096	78	745	375	168	199	50	216	247	370	1626	823	2449
64284	64649	2096	2097	78	746	375	168	199	50	217	248	371	1627	823	2451
64649	65014	2097	2098	78	746	375	168	199	50	217	248	371	1628	824	2452
65014	65379	2098	2099	78	747	375	168	199	50	217	248	371	1629	824	2454
65379	65745	2099	2100	78	747	375	168	199	50	217	248	372	1630	825	2455
65745	66110	2100	2101	78	748	376	169	199	50	217	249	372	1631	825	2456
66110	66475	2101	2102	78	748	376	169	199	50	217	249	373	1632	826	2458
66475	66840	2102	2103	78	749	376	169	199	50	217	249	373	1633	826	2459
66840	67206	2103	2104	78	749	376	169	199	50	217	249	373	1633	827	2460
67206	67571	2104	2105	78	749	376	169	199	50	217	249	374	1634	827	2461
67571	67936	2105	2106	78	750	376	169	199	50	217	250	374	1635	828	2463
67936	68301	2106	2107	78	750	376	169	200	50	217	250	374	1636	828	2464
68301	68667	2107	2108	78	751	376	169	200	50	217	250	375	1636	828	2465
68667	69032	2108	2109	78	751	376	169	200	50	217	250	375	1637	829	2466
69032	69397	2109	2110	78	751	376	169	200	50	217	250	375	1637	829	2466

B-2(S4). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 4)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	3652	1920	1930	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
3652	7305	1930	1940	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
7305	14610	1940	1960	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
14610	18263	1960	1970	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
18263	21915	1970	1980	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
21915	24837	1980	1988	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
24837	25202	1988	1989	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
25202	25567	1989	1990	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
25567	25932	1990	1991	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
25932	26298	1991	1992	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
26298	26663	1992	1993	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
26663	27028	1993	1994	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
27028	27393	1994	1995	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
27393	27759	1995	1996	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
27759	28124	1996	1997	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
28124	28489	1997	1998	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
28489	28854	1998	1999	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
28854	29220	1999	2000	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
29220	29585	2000	2001	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
29585	29950	2001	2002	0.3	1.6	3.7	0.2	1.1	0.0	0.3	0.1	0.1	5.5	1.9	7.4
29950	30315	2002	2003	0.4	1.8	4.7	0.2	1.2	0.0	0.4	0.1	0.2	6.8	2.3	9.1
30315	30681	2003	2004	0.5	2.1	5.2	0.3	1.2	0.0	0.4	0.2	0.2	7.4	2.6	10.0
30681	31046	2004	2005	0.5	2.3	5.3	0.3	1.1	0.0	0.4	0.2	0.3	7.6	2.8	10.4
31046	31411	2005	2006	0.5	2.6	5.3	0.3	1.1	0.0	0.4	0.2	0.3	7.5	3.1	10.6
31411	31776	2006	2007	0.5	2.8	5.3	0.3	1.1	0.0	0.4	0.2	0.3	7.4	3.3	10.7
31776	32142	2007	2008	0.5	3.0	5.1	0.3	1.0	0.0	0.3	0.2	0.2	7.2	3.5	10.6
32142	32507	2008	2009	0.5	3.1	4.8	0.3	0.9	0.0	0.3	0.2	0.2	6.7	3.6	10.2
32507	32872	2009	2010	0.5	3.2	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	3.7	10.2
32872	33237	2010	2011	0.5	3.3	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	3.8	10.2
33237	33603	2011	2012	0.5	3.4	4.5	0.3	0.9	0.0	0.3	0.2	0.2	6.3	3.9	10.2
33603	33968	2012	2013	0.5	3.5	4.5	0.3	0.9	0.0	0.3	0.2	0.1	6.3	4.0	10.3
33968	34333	2013	2014	0.5	3.6	4.5	0.3	0.9	0.0	0.3	0.2	0.1	6.3	4.0	10.3
34333	34698	2014	2015	0.5	3.6	4.5	0.3	0.9	0.0	0.3	0.2	0.1	6.3	4.1	10.4
34698	35064	2015	2016	0.5	3.7	4.5	0.3	0.9	0.0	0.3	0.2	0.1	6.3	4.2	10.5
35064	35429	2016	2017	0.5	3.7	4.5	0.3	0.9	0.0	0.3	0.2	0.1	6.3	4.2	10.5
35429	35794	2017	2018	0.5	3.8	4.5	0.3	0.9	0.0	0.3	0.2	0.1	6.3	4.2	10.6
35794	36159	2018	2019	0.5	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.3	4.3	10.6
36159	36525	2019	2020	0.5	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.3	4.3	10.7
36525	36890	2020	2021	0.5	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.3	4.4	10.7
36890	37255	2021	2022	0.5	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.4	10.7
37255	37620	2022	2023	0.5	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.4	10.8
37620	37986	2023	2024	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.4	10.8
37986	38351	2024	2025	0.5	4.0	4.9	0.3	1.1	0.0	0.4	0.2	0.1	7.0	4.5	11.5

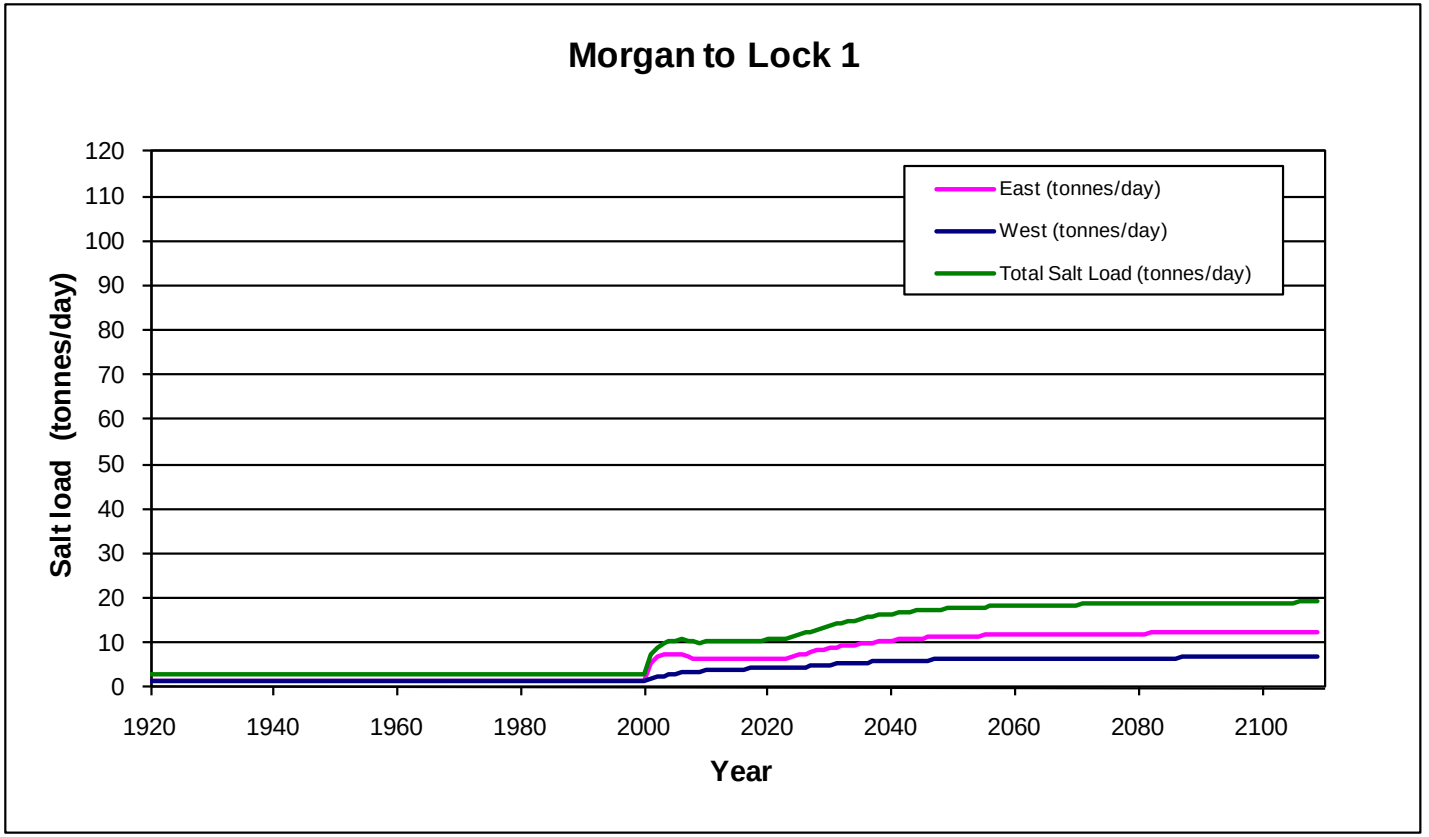
B-2(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 4)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.5	4.1	5.0	0.3	1.1	0.0	0.4	0.2	0.1	7.2	4.6	11.8
38716	39081	2026	2027	0.5	4.2	5.0	0.3	1.2	0.1	0.6	0.3	0.2	7.6	4.7	12.3
39081	39447	2027	2028	0.5	4.2	5.0	0.3	1.2	0.1	0.7	0.3	0.2	7.8	4.8	12.6
39447	39812	2028	2029	0.5	4.3	5.0	0.3	1.4	0.1	0.9	0.3	0.3	8.2	4.9	13.1
39812	40177	2029	2030	0.5	4.4	5.0	0.3	1.4	0.1	1.0	0.3	0.3	8.4	4.9	13.4
40177	40542	2030	2031	0.6	4.6	5.2	0.3	1.4	0.1	1.1	0.3	0.4	8.8	5.1	14.0
40542	40908	2031	2032	0.6	4.7	5.3	0.3	1.5	0.1	1.1	0.3	0.5	9.0	5.2	14.3
40908	41273	2032	2033	0.6	4.8	5.3	0.3	1.5	0.1	1.2	0.4	0.5	9.2	5.3	14.6
41273	41638	2033	2034	0.6	4.8	5.3	0.3	1.5	0.1	1.2	0.4	0.6	9.4	5.4	14.8
41638	42003	2034	2035	0.6	4.9	5.4	0.3	1.5	0.1	1.2	0.4	0.6	9.5	5.5	15.0
42003	42369	2035	2036	0.6	5.0	5.4	0.3	1.5	0.1	1.4	0.4	0.7	9.7	5.6	15.4
42369	42734	2036	2037	0.7	5.0	5.4	0.3	1.5	0.1	1.4	0.4	0.8	9.9	5.7	15.6
42734	43099	2037	2038	0.7	5.1	5.4	0.3	1.5	0.1	1.4	0.4	0.9	10.1	5.8	15.9
43099	43464	2038	2039	0.7	5.2	5.4	0.3	1.5	0.1	1.4	0.4	1.1	10.3	5.8	16.1
43464	43830	2039	2040	0.7	5.2	5.4	0.3	1.5	0.1	1.5	0.4	1.2	10.4	5.9	16.3
43830	44195	2040	2041	0.7	5.3	5.4	0.3	1.5	0.1	1.5	0.4	1.3	10.6	6.0	16.5
44195	44560	2041	2042	0.7	5.3	5.4	0.3	1.5	0.1	1.5	0.4	1.4	10.7	6.0	16.7
44560	44925	2042	2043	0.7	5.3	5.4	0.3	1.5	0.1	1.5	0.4	1.5	10.8	6.0	16.9
44925	45291	2043	2044	0.7	5.4	5.5	0.3	1.5	0.1	1.5	0.4	1.6	11.0	6.1	17.0
45291	45656	2044	2045	0.7	5.4	5.5	0.3	1.5	0.1	1.5	0.4	1.7	11.0	6.1	17.2
45656	46021	2045	2046	0.7	5.4	5.5	0.3	1.6	0.1	1.5	0.4	1.8	11.1	6.2	17.3
46021	46386	2046	2047	0.7	5.5	5.5	0.3	1.6	0.1	1.5	0.4	1.8	11.2	6.2	17.4
46386	46752	2047	2048	0.7	5.5	5.5	0.3	1.6	0.1	1.5	0.4	1.9	11.3	6.2	17.5
46752	47117	2048	2049	0.7	5.5	5.5	0.3	1.6	0.1	1.5	0.4	1.9	11.3	6.2	17.6
47117	47482	2049	2050	0.7	5.5	5.5	0.3	1.6	0.1	1.5	0.4	2.0	11.4	6.3	17.7
47482	47847	2050	2051	0.7	5.6	5.5	0.3	1.6	0.1	1.5	0.5	2.0	11.5	6.3	17.8
47847	48213	2051	2052	0.7	5.6	5.5	0.3	1.6	0.1	1.5	0.5	2.1	11.5	6.3	17.8
48213	48578	2052	2053	0.7	5.6	5.5	0.3	1.6	0.1	1.5	0.5	2.1	11.5	6.3	17.9
48578	48943	2053	2054	0.7	5.6	5.5	0.3	1.6	0.1	1.5	0.5	2.1	11.6	6.4	18.0
48943	49308	2054	2055	0.7	5.6	5.5	0.3	1.6	0.1	1.5	0.5	2.2	11.6	6.4	18.0
49308	49674	2055	2056	0.7	5.6	5.5	0.3	1.6	0.1	1.5	0.5	2.2	11.7	6.4	18.1
49674	50039	2056	2057	0.7	5.7	5.5	0.3	1.6	0.1	1.5	0.5	2.2	11.7	6.4	18.1
50039	50404	2057	2058	0.8	5.7	5.5	0.3	1.6	0.1	1.5	0.5	2.2	11.7	6.4	18.2
50404	50769	2058	2059	0.8	5.7	5.5	0.3	1.6	0.1	1.5	0.5	2.3	11.8	6.4	18.2
50769	51135	2059	2060	0.8	5.7	5.5	0.3	1.6	0.1	1.5	0.5	2.3	11.8	6.5	18.2
51135	51500	2060	2061	0.8	5.7	5.5	0.3	1.6	0.1	1.5	0.5	2.3	11.8	6.5	18.3
51500	51865	2061	2062	0.8	5.7	5.5	0.3	1.6	0.1	1.5	0.5	2.3	11.8	6.5	18.3
51865	52230	2062	2063	0.8	5.7	5.5	0.3	1.6	0.1	1.5	0.5	2.3	11.9	6.5	18.4
52230	52596	2063	2064	0.8	5.8	5.5	0.3	1.6	0.1	1.5	0.5	2.4	11.9	6.5	18.4
52596	52961	2064	2065	0.8	5.8	5.6	0.3	1.6	0.1	1.5	0.5	2.4	11.9	6.5	18.4
52961	53326	2065	2066	0.8	5.8	5.6	0.3	1.6	0.1	1.5	0.5	2.4	11.9	6.5	18.5
53326	53691	2066	2067	0.8	5.8	5.6	0.3	1.6	0.1	1.5	0.5	2.4	11.9	6.5	18.5

B-2(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 4)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	0.8	5.8	5.6	0.3	1.6	0.1	1.5	0.5	2.4	12.0	6.6	18.5
54057	54422	2068	2069	0.8	5.8	5.6	0.3	1.6	0.1	1.5	0.5	2.4	12.0	6.6	18.5
54422	54787	2069	2070	0.8	5.8	5.6	0.3	1.6	0.1	1.5	0.5	2.4	12.0	6.6	18.6
54787	55152	2070	2071	0.8	5.8	5.6	0.3	1.6	0.1	1.5	0.5	2.4	12.0	6.6	18.6
55152	55518	2071	2072	0.8	5.8	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.0	6.6	18.6
55518	55883	2072	2073	0.8	5.8	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.0	6.6	18.6
55883	56248	2073	2074	0.8	5.8	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.1	6.6	18.7
56248	56613	2074	2075	0.8	5.8	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.1	6.6	18.7
56613	56979	2075	2076	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.1	6.6	18.7
56979	57344	2076	2077	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.1	6.6	18.7
57344	57709	2077	2078	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.1	6.6	18.7
57709	58074	2078	2079	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.1	6.6	18.8
58074	58440	2079	2080	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.1	6.6	18.8
58440	58805	2080	2081	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.1	6.7	18.8
58805	59170	2081	2082	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.1	6.7	18.8
59170	59535	2082	2083	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.2	6.7	18.8
59535	59901	2083	2084	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.2	6.7	18.8
59901	60266	2084	2085	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.2	6.7	18.9
60266	60631	2085	2086	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.2	6.7	18.9
60631	60996	2086	2087	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.2	6.7	18.9
60996	61362	2087	2088	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.2	6.7	18.9
61362	61727	2088	2089	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.2	6.7	18.9
61727	62092	2089	2090	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.2	6.7	18.9
62092	62457	2090	2091	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.2	6.7	18.9
62457	62823	2091	2092	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.2	6.7	18.9
62823	63188	2092	2093	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.2	6.7	19.0
63188	63553	2093	2094	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.2	6.7	19.0
63553	63918	2094	2095	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.2	6.7	19.0
63918	64284	2095	2096	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.7	19.0
64284	64649	2096	2097	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.7	19.0
64649	65014	2097	2098	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.7	19.0
65014	65379	2098	2099	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.7	19.0
65379	65745	2099	2100	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.8	19.0
65745	66110	2100	2101	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.8	19.0
66110	66475	2101	2102	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.8	19.1
66475	66840	2102	2103	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.8	19.1
66840	67206	2103	2104	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.8	19.1
67206	67571	2104	2105	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.8	19.1
67571	67936	2105	2106	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.8	19.1
67936	68301	2106	2107	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.8	19.1
68301	68667	2107	2108	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.8	19.1
68667	69032	2108	2109	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.8	19.1
69032	69397	2109	2110	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.8	19.1
	Salinity (mg/L)			10,000	8,000	15,000	2,000	8,000	2,000	7,000	2,000	7,000			

B-2(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 4)



B-2(S4). Graph of modelled salt load (tonnes/day) entering the River Murray in the Morgan to Lock 1 area (Scenario 4)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	25	149	61	58	39	5	21	61	10	*255*	*174*	429
3652	*7305*	1930	1940	24	148	61	58	39	5	21	61	10	*254*	*173*	427
7305	*14610*	1940	1960	23	147	61	58	39	5	21	61	10	*254*	*170*	424
14610	*18263*	1960	1970	23	147	60	58	39	5	21	60	10	*254*	*169*	423
18263	*21915*	1970	1980	23	146	60	58	39	5	21	60	10	*253*	*169*	422
21915	*24837*	1980	1988	22	146	60	58	39	5	21	60	10	*253*	*168*	421
24837	*25202*	1988	1989	22	146	60	58	39	5	21	60	10	*253*	*168*	421
25202	*25567*	1989	1990	22	146	60	58	39	5	21	60	10	*253*	*168*	421
25567	*25932*	1990	1991	22	146	60	58	39	5	21	60	10	*253*	*168*	421
25932	*26298*	1991	1992	22	146	60	58	39	5	21	60	10	*253*	*168*	421
26298	*26663*	1992	1993	22	146	60	58	39	5	21	60	10	*253*	*168*	421
26663	*27028*	1993	1994	22	146	60	58	39	5	21	60	10	*253*	*168*	421
27028	*27393*	1994	1995	22	145	60	58	39	5	21	60	10	*253*	*168*	421
27393	*27759*	1995	1996	22	145	60	58	39	5	21	60	10	*253*	*168*	421
27759	*28124*	1996	1997	22	145	60	58	39	5	21	60	10	*253*	*168*	421
28124	*28489*	1997	1998	22	145	60	58	39	5	21	60	10	*253*	*167*	421
28489	*28854*	1998	1999	22	145	60	58	39	5	21	60	10	*253*	*167*	420
28854	*29220*	1999	2000	22	145	60	58	39	5	21	60	10	*253*	*167*	420
29220	*29585*	2000	2001	22	145	60	58	39	5	21	60	10	*253*	*167*	420
29585	*29950*	2001	2002	34	194	245	97	141	6	46	69	10	*613*	*228*	841
29950	*30315*	2002	2003	44	229	315	120	148	6	53	75	24	*741*	*272*	1014
30315	*30681*	2003	2004	48	260	344	133	147	6	54	79	34	*797*	*309*	1105
30681	*31046*	2004	2005	50	292	355	140	143	6	54	81	38	*817*	*342*	1158
31046	*31411*	2005	2006	51	321	356	143	138	6	52	81	39	*816*	*372*	1188
31411	*31776*	2006	2007	50	348	350	144	132	6	51	82	38	*803*	*399*	1202
31776	*32142*	2007	2008	49	372	340	143	126	6	49	82	35	*782*	*421*	1203
32142	*32507*	2008	2009	47	389	317	138	114	6	46	81	29	*733*	*436*	1169
32507	*32872*	2009	2010	46	405	309	136	113	6	45	80	26	*714*	*451*	1165
32872	*33237*	2010	2011	46	418	305	135	112	6	44	80	23	*706*	*464*	1170
33237	*33603*	2011	2012	45	429	303	135	112	6	44	80	22	*702*	*475*	1176
33603	*33968*	2012	2013	45	439	302	135	112	6	44	80	21	*699*	*485*	1184
33968	*34333*	2013	2014	46	448	302	135	112	6	44	80	20	*698*	*493*	1192
34333	*34698*	2014	2015	46	455	302	135	112	6	44	80	19	*698*	*501*	1199
34698	*35064*	2015	2016	46	462	302	135	113	6	44	80	18	*698*	*508*	1206
35064	*35429*	2016	2017	46	468	303	136	113	6	44	80	18	*699*	*514*	1213
35429	*35794*	2017	2018	46	473	303	136	113	6	44	80	17	*699*	*519*	1219
35794	*36159*	2018	2019	46	478	304	136	113	6	44	80	17	*700*	*524*	1224
36159	*36525*	2019	2020	47	482	304	136	113	6	44	80	17	*701*	*529*	1230
36525	*36890*	2020	2021	47	486	305	137	113	6	44	80	16	*701*	*533*	1235
36890	*37255*	2021	2022	47	490	305	137	113	6	44	80	16	*702*	*537*	1239
37255	*37620*	2022	2023	47	494	306	137	113	6	44	80	16	*703*	*541*	1244
37620	*37986*	2023	2024	47	497	306	138	113	6	44	80	16	*703*	*544*	1247
37986	*38351*	2024	2025	49	503	326	141	134	21	57	104	19	*803*	*552*	1354

B-2(S5). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 5)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	50	510	330	143	140	24	62	117	21	837	560	1397
38716	39081	2026	2027	51	520	332	144	150	33	92	127	24	902	572	1474
39081	39447	2027	2028	53	531	334	145	156	36	104	135	27	937	584	1521
39447	39812	2028	2029	53	541	335	146	171	39	134	141	38	1004	595	1599
39812	40177	2029	2030	54	550	336	147	174	42	148	146	45	1037	604	1641
40177	40542	2030	2031	56	573	346	148	180	43	158	157	58	1091	629	1720
40542	40908	2031	2032	57	583	351	149	182	44	163	163	67	1120	640	1760
40908	41273	2032	2033	58	596	355	155	184	45	168	182	73	1162	654	1816
41273	41638	2033	2034	59	603	356	156	185	46	173	191	81	1187	662	1849
41638	42003	2034	2035	60	610	358	157	185	46	175	196	88	1205	669	1874
42003	42369	2035	2036	63	623	359	157	189	47	194	201	97	1244	686	1931
42369	42734	2036	2037	65	631	360	158	190	47	202	204	113	1274	696	1970
42734	43099	2037	2038	67	638	360	158	191	48	205	207	132	1301	705	2007
43099	43464	2038	2039	68	645	361	159	192	48	207	210	152	1328	713	2041
43464	43830	2039	2040	69	651	362	159	192	48	208	212	171	1352	721	2072
43830	44195	2040	2041	70	657	362	160	192	49	209	214	188	1374	727	2101
44195	44560	2041	2042	71	663	363	160	193	49	210	215	204	1394	733	2127
44560	44925	2042	2043	71	667	363	160	193	49	210	217	219	1411	738	2150
44925	45291	2043	2044	72	672	364	161	193	49	211	218	232	1427	743	2171
45291	45656	2044	2045	72	676	364	161	194	49	211	219	243	1441	748	2190
45656	46021	2045	2046	72	680	365	161	194	49	212	221	253	1454	752	2207
46021	46386	2046	2047	73	683	365	161	194	49	212	222	262	1466	756	2222
46386	46752	2047	2048	73	687	365	162	194	49	212	223	271	1476	760	2236
46752	47117	2048	2049	73	690	366	162	195	49	213	224	278	1486	763	2249
47117	47482	2049	2050	74	693	366	162	195	49	213	225	285	1494	766	2261
47482	47847	2050	2051	74	695	366	162	195	49	213	226	291	1502	769	2272
47847	48213	2051	2052	74	698	367	163	195	49	213	226	296	1510	772	2281
48213	48578	2052	2053	74	700	367	163	195	49	213	227	301	1516	774	2291
48578	48943	2053	2054	74	702	367	163	195	50	214	228	306	1523	777	2299
48943	49308	2054	2055	75	704	368	163	196	50	214	229	310	1529	779	2308
49308	49674	2055	2056	75	706	368	163	196	50	214	230	314	1534	781	2315
49674	50039	2056	2057	75	708	368	164	196	50	214	230	318	1539	783	2322
50039	50404	2057	2058	75	710	369	164	196	50	214	231	321	1544	785	2329
50404	50769	2058	2059	75	712	369	164	196	50	214	232	324	1549	787	2335
50769	51135	2059	2060	75	713	369	164	196	50	214	232	327	1553	789	2341
51135	51500	2060	2061	75	715	369	164	196	50	214	233	330	1557	790	2347
51500	51865	2061	2062	76	716	370	165	196	50	215	234	332	1561	792	2352
51865	52230	2062	2063	76	718	370	165	197	50	215	234	334	1564	793	2357
52230	52596	2063	2064	76	719	370	165	197	50	215	235	337	1567	795	2362
52596	52961	2064	2065	76	720	370	165	197	50	215	235	339	1571	796	2367
52961	53326	2065	2066	76	721	370	165	197	50	215	236	341	1574	797	2371
53326	53691	2066	2067	76	723	371	165	197	50	215	236	342	1577	799	2375

B-2(S5). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 5)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	76	724	371	165	197	50	215	237	344	1579	800	2379
54057	54422	2068	2069	76	725	371	165	197	50	215	237	346	1582	801	2383
54422	54787	2069	2070	76	726	371	166	197	50	215	238	347	1585	802	2387
54787	55152	2070	2071	76	727	371	166	197	50	215	238	349	1587	803	2390
55152	55518	2071	2072	76	728	372	166	197	50	215	239	350	1589	804	2394
55518	55883	2072	2073	77	729	372	166	198	50	215	239	352	1592	805	2397
55883	56248	2073	2074	77	730	372	166	198	50	215	240	353	1594	806	2400
56248	56613	2074	2075	77	731	372	166	198	50	216	240	354	1596	807	2403
56613	56979	2075	2076	77	731	372	166	198	50	216	241	355	1598	808	2406
56979	57344	2076	2077	77	732	372	166	198	50	216	241	356	1600	809	2409
57344	57709	2077	2078	77	733	373	167	198	50	216	241	357	1602	810	2412
57709	58074	2078	2079	77	734	373	167	198	50	216	242	358	1603	811	2414
58074	58440	2079	2080	77	735	373	167	198	50	216	242	359	1605	812	2417
58440	58805	2080	2081	77	736	373	167	198	50	216	243	360	1607	813	2419
58805	59170	2081	2082	77	736	373	167	198	50	216	243	361	1608	813	2422
59170	59535	2082	2083	77	737	373	167	198	50	216	243	362	1610	814	2424
59535	59901	2083	2084	77	738	374	167	198	50	216	244	363	1611	815	2426
59901	60266	2084	2085	77	738	374	167	198	50	216	244	363	1613	816	2428
60266	60631	2085	2086	77	739	374	167	198	50	216	244	364	1614	816	2430
60631	60996	2086	2087	77	740	374	167	199	50	216	245	365	1615	817	2432
60996	61362	2087	2088	77	740	374	168	199	50	216	245	365	1617	818	2434
61362	61727	2088	2089	77	741	374	168	199	50	216	245	366	1618	818	2436
61727	62092	2089	2090	77	742	374	168	199	50	216	246	367	1619	819	2438
62092	62457	2090	2091	77	742	374	168	199	50	216	246	367	1620	820	2440
62457	62823	2091	2092	77	743	375	168	199	50	216	246	368	1622	820	2442
62823	63188	2092	2093	77	743	375	168	199	50	216	246	368	1623	821	2444
63188	63553	2093	2094	77	744	375	168	199	50	216	247	369	1624	821	2445
63553	63918	2094	2095	78	745	375	168	199	50	216	247	369	1625	822	2447
63918	64284	2095	2096	78	745	375	168	199	50	216	247	370	1626	823	2449
64284	64649	2096	2097	78	746	375	168	199	50	216	248	370	1627	823	2450
64649	65014	2097	2098	78	746	375	168	199	50	217	248	371	1628	824	2452
65014	65379	2098	2099	78	747	375	168	199	50	217	248	371	1629	824	2453
65379	65745	2099	2100	78	747	375	168	199	50	217	248	372	1630	825	2455
65745	66110	2100	2101	78	748	376	169	199	50	217	248	372	1631	825	2456
66110	66475	2101	2102	78	748	376	169	199	50	217	249	372	1631	826	2457
66475	66840	2102	2103	78	748	376	169	199	50	217	249	373	1632	826	2458
66840	67206	2103	2104	78	749	376	169	199	50	217	249	373	1633	827	2460
67206	67571	2104	2105	78	749	376	169	199	50	217	249	373	1634	827	2461
67571	67936	2105	2106	78	750	376	169	199	50	217	249	374	1635	827	2462
67936	68301	2106	2107	78	750	376	169	200	50	217	250	374	1635	828	2463
68301	68667	2107	2108	78	751	376	169	200	50	217	250	374	1636	828	2464
68667	69032	2108	2109	78	751	376	169	200	50	217	250	375	1637	829	2466
69032	69397	2109	2110	78	751	376	169	200	50	217	250	375	1637	829	2466

B-2(S5). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 5)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	3652	1920	1930	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
3652	7305	1930	1940	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
7305	14610	1940	1960	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
14610	18263	1960	1970	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
18263	21915	1970	1980	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
21915	24837	1980	1988	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
24837	25202	1988	1989	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
25202	25567	1989	1990	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
25567	25932	1990	1991	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
25932	26298	1991	1992	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
26298	26663	1992	1993	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
26663	27028	1993	1994	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
27028	27393	1994	1995	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
27393	27759	1995	1996	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
27759	28124	1996	1997	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
28124	28489	1997	1998	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
28489	28854	1998	1999	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
28854	29220	1999	2000	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
29220	29585	2000	2001	0.2	1.2	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.4	3.1
29585	29950	2001	2002	0.3	1.6	3.7	0.2	1.1	0.0	0.3	0.1	0.1	5.5	1.9	7.4
29950	30315	2002	2003	0.4	1.8	4.7	0.2	1.2	0.0	0.4	0.1	0.2	6.8	2.3	9.1
30315	30681	2003	2004	0.5	2.1	5.2	0.3	1.2	0.0	0.4	0.2	0.2	7.4	2.6	10.0
30681	31046	2004	2005	0.5	2.3	5.3	0.3	1.1	0.0	0.4	0.2	0.3	7.6	2.8	10.4
31046	31411	2005	2006	0.5	2.6	5.3	0.3	1.1	0.0	0.4	0.2	0.3	7.5	3.1	10.6
31411	31776	2006	2007	0.5	2.8	5.3	0.3	1.1	0.0	0.4	0.2	0.3	7.4	3.3	10.7
31776	32142	2007	2008	0.5	3.0	5.1	0.3	1.0	0.0	0.3	0.2	0.2	7.2	3.5	10.6
32142	32507	2008	2009	0.5	3.1	4.8	0.3	0.9	0.0	0.3	0.2	0.2	6.7	3.6	10.2
32507	32872	2009	2010	0.5	3.2	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	3.7	10.2
32872	33237	2010	2011	0.5	3.3	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	3.8	10.2
33237	33603	2011	2012	0.5	3.4	4.5	0.3	0.9	0.0	0.3	0.2	0.2	6.3	3.9	10.2
33603	33968	2012	2013	0.5	3.5	4.5	0.3	0.9	0.0	0.3	0.2	0.1	6.3	4.0	10.3
33968	34333	2013	2014	0.5	3.6	4.5	0.3	0.9	0.0	0.3	0.2	0.1	6.3	4.0	10.3
34333	34698	2014	2015	0.5	3.6	4.5	0.3	0.9	0.0	0.3	0.2	0.1	6.3	4.1	10.4
34698	35064	2015	2016	0.5	3.7	4.5	0.3	0.9	0.0	0.3	0.2	0.1	6.3	4.2	10.5
35064	35429	2016	2017	0.5	3.7	4.5	0.3	0.9	0.0	0.3	0.2	0.1	6.3	4.2	10.5
35429	35794	2017	2018	0.5	3.8	4.5	0.3	0.9	0.0	0.3	0.2	0.1	6.3	4.2	10.6
35794	36159	2018	2019	0.5	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.3	4.3	10.6
36159	36525	2019	2020	0.5	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.3	4.3	10.7
36525	36890	2020	2021	0.5	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.3	4.4	10.7
36890	37255	2021	2022	0.5	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.4	10.7
37255	37620	2022	2023	0.5	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.4	10.8
37620	37986	2023	2024	0.5	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.1	6.4	4.4	10.8
37986	38351	2024	2025	0.5	4.0	4.9	0.3	1.1	0.0	0.4	0.2	0.1	7.0	4.5	11.5

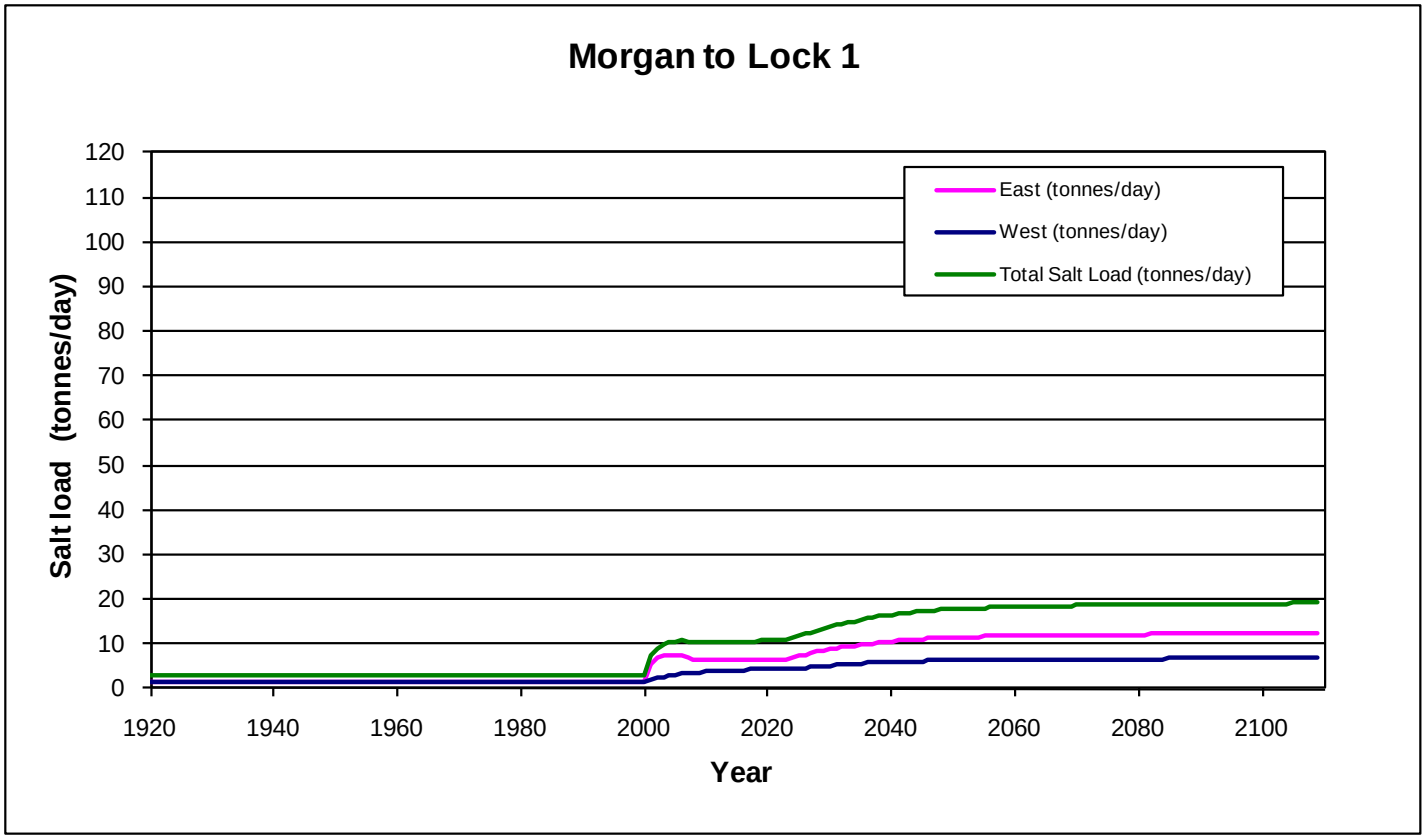
B-2(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 5)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.5	4.1	5.0	0.3	1.1	0.0	0.4	0.2	0.1	7.2	4.6	11.8
38716	39081	2026	2027	0.5	4.2	5.0	0.3	1.2	0.1	0.6	0.3	0.2	7.6	4.7	12.3
39081	39447	2027	2028	0.5	4.3	5.0	0.3	1.2	0.1	0.7	0.3	0.2	7.8	4.8	12.6
39447	39812	2028	2029	0.5	4.3	5.0	0.3	1.4	0.1	0.9	0.3	0.3	8.2	4.9	13.1
39812	40177	2029	2030	0.5	4.4	5.0	0.3	1.4	0.1	1.0	0.3	0.3	8.4	4.9	13.4
40177	40542	2030	2031	0.6	4.6	5.2	0.3	1.4	0.1	1.1	0.3	0.4	8.8	5.1	14.0
40542	40908	2031	2032	0.6	4.7	5.3	0.3	1.5	0.1	1.1	0.3	0.5	9.0	5.2	14.3
40908	41273	2032	2033	0.6	4.8	5.3	0.3	1.5	0.1	1.2	0.4	0.5	9.2	5.4	14.6
41273	41638	2033	2034	0.6	4.8	5.3	0.3	1.5	0.1	1.2	0.4	0.6	9.4	5.4	14.8
41638	42003	2034	2035	0.6	4.9	5.4	0.3	1.5	0.1	1.2	0.4	0.6	9.5	5.5	15.0
42003	42369	2035	2036	0.6	5.0	5.4	0.3	1.5	0.1	1.4	0.4	0.7	9.7	5.6	15.4
42369	42734	2036	2037	0.7	5.0	5.4	0.3	1.5	0.1	1.4	0.4	0.8	9.9	5.7	15.6
42734	43099	2037	2038	0.7	5.1	5.4	0.3	1.5	0.1	1.4	0.4	0.9	10.1	5.8	15.9
43099	43464	2038	2039	0.7	5.2	5.4	0.3	1.5	0.1	1.4	0.4	1.1	10.3	5.8	16.1
43464	43830	2039	2040	0.7	5.2	5.4	0.3	1.5	0.1	1.5	0.4	1.2	10.5	5.9	16.4
43830	44195	2040	2041	0.7	5.3	5.4	0.3	1.5	0.1	1.5	0.4	1.3	10.6	6.0	16.6
44195	44560	2041	2042	0.7	5.3	5.4	0.3	1.5	0.1	1.5	0.4	1.4	10.7	6.0	16.7
44560	44925	2042	2043	0.7	5.3	5.4	0.3	1.5	0.1	1.5	0.4	1.5	10.8	6.0	16.9
44925	45291	2043	2044	0.7	5.4	5.5	0.3	1.5	0.1	1.5	0.4	1.6	11.0	6.1	17.0
45291	45656	2044	2045	0.7	5.4	5.5	0.3	1.5	0.1	1.5	0.4	1.7	11.1	6.1	17.2
45656	46021	2045	2046	0.7	5.4	5.5	0.3	1.6	0.1	1.5	0.4	1.8	11.1	6.2	17.3
46021	46386	2046	2047	0.7	5.5	5.5	0.3	1.6	0.1	1.5	0.4	1.8	11.2	6.2	17.4
46386	46752	2047	2048	0.7	5.5	5.5	0.3	1.6	0.1	1.5	0.4	1.9	11.3	6.2	17.5
46752	47117	2048	2049	0.7	5.5	5.5	0.3	1.6	0.1	1.5	0.4	1.9	11.3	6.3	17.6
47117	47482	2049	2050	0.7	5.5	5.5	0.3	1.6	0.1	1.5	0.4	2.0	11.4	6.3	17.7
47482	47847	2050	2051	0.7	5.6	5.5	0.3	1.6	0.1	1.5	0.5	2.0	11.5	6.3	17.8
47847	48213	2051	2052	0.7	5.6	5.5	0.3	1.6	0.1	1.5	0.5	2.1	11.5	6.3	17.8
48213	48578	2052	2053	0.7	5.6	5.5	0.3	1.6	0.1	1.5	0.5	2.1	11.5	6.3	17.9
48578	48943	2053	2054	0.7	5.6	5.5	0.3	1.6	0.1	1.5	0.5	2.1	11.6	6.4	18.0
48943	49308	2054	2055	0.7	5.6	5.5	0.3	1.6	0.1	1.5	0.5	2.2	11.6	6.4	18.0
49308	49674	2055	2056	0.7	5.7	5.5	0.3	1.6	0.1	1.5	0.5	2.2	11.7	6.4	18.1
49674	50039	2056	2057	0.7	5.7	5.5	0.3	1.6	0.1	1.5	0.5	2.2	11.7	6.4	18.1
50039	50404	2057	2058	0.8	5.7	5.5	0.3	1.6	0.1	1.5	0.5	2.2	11.7	6.4	18.2
50404	50769	2058	2059	0.8	5.7	5.5	0.3	1.6	0.1	1.5	0.5	2.3	11.8	6.4	18.2
50769	51135	2059	2060	0.8	5.7	5.5	0.3	1.6	0.1	1.5	0.5	2.3	11.8	6.5	18.2
51135	51500	2060	2061	0.8	5.7	5.5	0.3	1.6	0.1	1.5	0.5	2.3	11.8	6.5	18.3
51500	51865	2061	2062	0.8	5.7	5.5	0.3	1.6	0.1	1.5	0.5	2.3	11.8	6.5	18.3
51865	52230	2062	2063	0.8	5.7	5.5	0.3	1.6	0.1	1.5	0.5	2.3	11.9	6.5	18.4
52230	52596	2063	2064	0.8	5.8	5.5	0.3	1.6	0.1	1.5	0.5	2.4	11.9	6.5	18.4
52596	52961	2064	2065	0.8	5.8	5.6	0.3	1.6	0.1	1.5	0.5	2.4	11.9	6.5	18.4
52961	53326	2065	2066	0.8	5.8	5.6	0.3	1.6	0.1	1.5	0.5	2.4	11.9	6.5	18.5
53326	53691	2066	2067	0.8	5.8	5.6	0.3	1.6	0.1	1.5	0.5	2.4	11.9	6.5	18.5

B-2(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 5)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z40-Z2	Z41-Z2	Z42-Z2	Z43-Z2	Z44-Z2	Z45-Z2	Z46-Z2	Z47-Z2	Z48-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	0.8	5.8	5.6	0.3	1.6	0.1	1.5	0.5	2.4	12.0	6.6	18.5
54057	54422	2068	2069	0.8	5.8	5.6	0.3	1.6	0.1	1.5	0.5	2.4	12.0	6.6	18.5
54422	54787	2069	2070	0.8	5.8	5.6	0.3	1.6	0.1	1.5	0.5	2.4	12.0	6.6	18.6
54787	55152	2070	2071	0.8	5.8	5.6	0.3	1.6	0.1	1.5	0.5	2.4	12.0	6.6	18.6
55152	55518	2071	2072	0.8	5.8	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.0	6.6	18.6
55518	55883	2072	2073	0.8	5.8	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.0	6.6	18.6
55883	56248	2073	2074	0.8	5.8	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.0	6.6	18.7
56248	56613	2074	2075	0.8	5.8	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.1	6.6	18.7
56613	56979	2075	2076	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.1	6.6	18.7
56979	57344	2076	2077	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.1	6.6	18.7
57344	57709	2077	2078	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.1	6.6	18.7
57709	58074	2078	2079	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.1	6.6	18.8
58074	58440	2079	2080	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.1	6.6	18.8
58440	58805	2080	2081	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.1	6.7	18.8
58805	59170	2081	2082	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.1	6.7	18.8
59170	59535	2082	2083	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.2	6.7	18.8
59535	59901	2083	2084	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.2	6.7	18.8
59901	60266	2084	2085	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.2	6.7	18.8
60266	60631	2085	2086	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.5	12.2	6.7	18.9
60631	60996	2086	2087	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.2	6.7	18.9
60996	61362	2087	2088	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.2	6.7	18.9
61362	61727	2088	2089	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.2	6.7	18.9
61727	62092	2089	2090	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.2	6.7	18.9
62092	62457	2090	2091	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.2	6.7	18.9
62457	62823	2091	2092	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.2	6.7	18.9
62823	63188	2092	2093	0.8	5.9	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.2	6.7	19.0
63188	63553	2093	2094	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.2	6.7	19.0
63553	63918	2094	2095	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.2	6.7	19.0
63918	64284	2095	2096	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.7	19.0
64284	64649	2096	2097	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.7	19.0
64649	65014	2097	2098	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.7	19.0
65014	65379	2098	2099	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.7	19.0
65379	65745	2099	2100	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.8	19.0
65745	66110	2100	2101	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.8	19.0
66110	66475	2101	2102	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.8	19.0
66475	66840	2102	2103	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.8	19.1
66840	67206	2103	2104	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.8	19.1
67206	67571	2104	2105	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.8	19.1
67571	67936	2105	2106	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.8	19.1
67936	68301	2106	2107	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.8	19.1
68301	68667	2107	2108	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.8	19.1
68667	69032	2108	2109	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.8	19.1
69032	69397	2109	2110	0.8	6.0	5.6	0.3	1.6	0.1	1.5	0.5	2.6	12.3	6.8	19.1
	Salinity (mg/L)			10,000	8,000	15,000	2,000	8,000	2,000	7,000	2,000	7,000			

B-2(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 5)



B-2(S5). Graph of modelled salt load (tonnes/day) entering the River Murray in the Morgan to Lock 1 area (Scenario 5)

B-3. MODEL OUTPUT – LOCK 1 TO UPPER MANNUM

- Model scenario conditions
- Flow budget zones
- Transient groundwater flux and salt load
- Modelled groundwater flux (m^3/d)
- Modelled salt load (t/d)

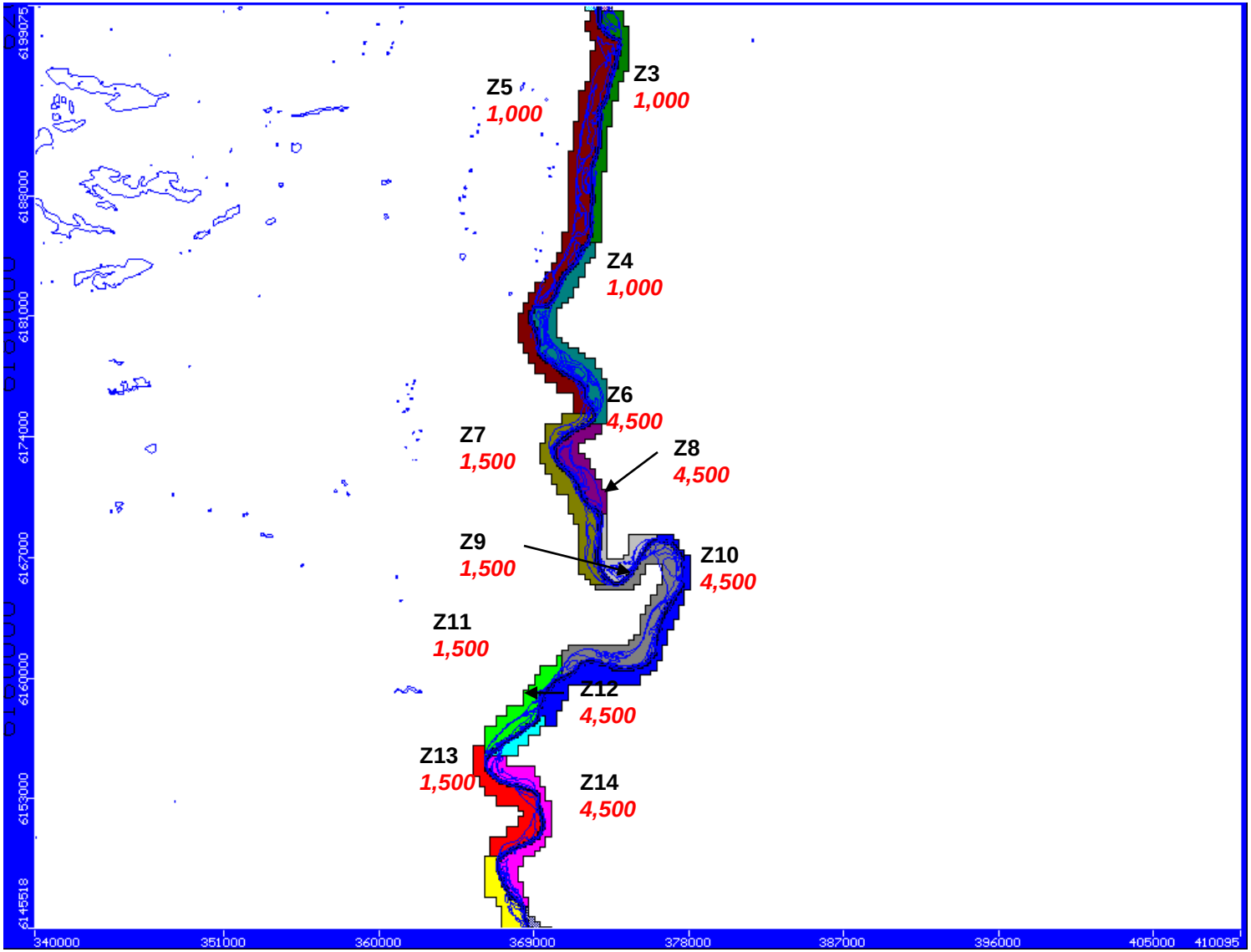
(Transient from 1920 to 2009)

(Scenario-2, 3A, 3B, 3C, 4 and 5)

Scenario	Name	Model Run	Irrigation development area	IIP[1]	RH[2]	SIS[3]
S-1	Natural system	Steady State	None	-	-	-
S-2	Mallee clearance	1920-2109	None (but includes Mallee clearance area)	-	-	-
S-3A	Pre-1988, no IIP, no RH	1988-2109	Pre-1988	No	No	-
S-3B	Pre-1988, with IIP, no RH	1988-2109	Pre-1988	Yes	No	-
S-3C	Pre-1988, with IIP and RH	1988-2109	Pre-1988	Yes	Yes	-
S-4	Current irrigation	2009-2109	Pre-1988 + Post-1988	Yes	Yes	No
S-5	Current plus future irrigation	2009-2109	Pre-1988 + Post-1988 + Future development	Yes	Yes	No

Note: 1 Improved Irrigation practices, 2 Rehabilitation, 3 Salt Interception Scheme (see Glossary for definitions)

B-3. Model Scenario and Conditions



B-3. Flow budget zones (model layer 1) and groundwater salinity values (TDS mg/L) in the Lock 1 to Upper Mannum area

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	633	137	526	16	80	23	6	609	31	6	13	32	***1455***	***657***	**2112**
3652	*7305*	1930	1940	632	137	524	16	80	23	6	615	31	6	13	32	***1461***	***656***	**2117**
7305	*14610*	1940	1960	632	137	521	16	80	23	7	624	32	6	13	32	***1470***	***653***	**2123**
14610	*18263*	1960	1970	631	137	519	16	81	23	7	629	32	6	13	32	***1475***	***652***	**2127**
18263	*21915*	1970	1980	631	294	518	358	81	32	7	1177	32	6	13	32	***2531***	***651***	**3182**
21915	*24837*	1980	1988	631	328	517	405	81	46	7	1408	32	6	13	32	***2857***	***650***	**3507**
24837	*25202*	1988	1989	631	330	517	407	81	48	7	1425	32	6	13	32	***2880***	***650***	**3530**
25202	*25567*	1989	1990	631	332	517	409	81	49	7	1439	32	6	13	32	***2899***	***650***	**3548**
25567	*25932*	1990	1991	631	333	517	411	81	50	7	1448	32	6	13	32	***2911***	***650***	**3561**
25932	*26298*	1991	1992	631	334	517	412	81	51	7	1459	32	6	13	32	***2925***	***650***	**3575**
26298	*26663*	1992	1993	631	335	517	413	81	52	7	1466	32	6	13	32	***2936***	***650***	**3585**
26663	*27028*	1993	1994	631	336	517	414	81	52	7	1473	32	6	13	32	***2945***	***650***	**3595**
27028	*27393*	1994	1995	631	337	517	415	81	53	7	1481	32	6	13	32	***2955***	***650***	**3604**
27393	*27759*	1995	1996	631	338	517	417	81	55	7	1498	32	6	13	32	***2978***	***650***	**3627**
27759	*28124*	1996	1997	631	340	517	419	81	56	7	1514	32	6	13	32	***2999***	***649***	**3648**
28124	*28489*	1997	1998	631	342	516	421	81	57	7	1529	32	6	13	32	***3019***	***649***	**3668**
28489	*28854*	1998	1999	631	338	516	410	81	59	7	1536	32	6	13	32	***3012***	***649***	**3661**
28854	*29220*	1999	2000	631	328	516	386	81	60	7	1530	32	6	13	32	***2973***	***649***	**3622**
29220	*29585*	2000	2001	462	240	346	340	27	29	0	1351	0	0	4	7	***2429***	***377***	**2806**
29585	*29950*	2001	2002	513	402	395	329	58	37	0	1500	5	1	5	32	***2813***	***465***	**3278**
29950	*30315*	2002	2003	706	523	619	337	132	101	46	1717	46	28	24	86	***3498***	***867***	**4365**
30315	*30681*	2003	2004	842	589	764	337	178	141	107	1852	76	51	38	128	***3940***	***1163***	**5103**
30681	*31046*	2004	2005	616	462	476	290	90	53	3	1578	27	29	14	84	***3110***	***610***	**3720**
31046	*31411*	2005	2006	640	463	509	279	100	59	5	1582	31	38	17	92	***3153***	***662***	**3816**
31411	*31776*	2006	2007	647	452	517	266	101	63	6	1563	32	43	18	96	***3129***	***674***	**3803**
31776	*32142*	2007	2008	988	609	922	297	225	184	183	1911	106	88	56	180	***4256***	***1493***	**5750**
32142	*32507*	2008	2009	1894	1037	2125	395	551	486	730	2868	295	200	157	445	***7326***	***3857***	**11183**
32507	*32872*	2009	2010	2564	1359	2958	454	766	658	1086	3557	425	277	223	632	***9501***	***5458***	**14959**

B-3(Transient from 1920 to 2009). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3652*	1920	1930	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.7	0.0	0.0	0.0	0.1	***3.9***	***0.7***	4.6
3652	*7305*	1930	1940	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.8	0.0	0.0	0.0	0.1	***3.9***	***0.7***	4.6
7305	*14610*	1940	1960	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.8	0.0	0.0	0.0	0.1	***3.9***	***0.7***	4.6
14610	*18263*	1960	1970	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.8	0.0	0.0	0.0	0.1	***3.9***	***0.7***	4.7
18263	*21915*	1970	1980	0.6	0.3	0.5	1.6	0.1	0.1	0.0	5.3	0.0	0.0	0.0	0.1	***8.2***	***0.7***	8.9
21915	*24837*	1980	1988	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.3	0.0	0.0	0.0	0.1	***9.5***	***0.7***	10.2
24837	*25202*	1988	1989	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.4	0.0	0.0	0.0	0.1	***9.6***	***0.7***	10.3
25202	*25567*	1989	1990	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.5	0.0	0.0	0.0	0.1	***9.7***	***0.7***	10.4
25567	*25932*	1990	1991	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.5	0.0	0.0	0.0	0.1	***9.7***	***0.7***	10.4
25932	*26298*	1991	1992	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.6	0.0	0.0	0.0	0.1	***9.8***	***0.7***	10.5
26298	*26663*	1992	1993	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.6	0.0	0.0	0.0	0.1	***9.8***	***0.7***	10.5
26663	*27028*	1993	1994	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.6	0.0	0.0	0.0	0.1	***9.9***	***0.7***	10.6
27028	*27393*	1994	1995	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.1	***9.9***	***0.7***	10.6
27393	*27759*	1995	1996	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.1	***10.0***	***0.7***	10.7
27759	*28124*	1996	1997	0.6	0.3	0.5	1.9	0.1	0.3	0.0	6.8	0.0	0.0	0.0	0.1	***10.1***	***0.7***	10.8
28124	*28489*	1997	1998	0.6	0.3	0.5	1.9	0.1	0.3	0.0	6.9	0.0	0.0	0.0	0.1	***10.2***	***0.7***	10.9
28489	*28854*	1998	1999	0.6	0.3	0.5	1.8	0.1	0.3	0.0	6.9	0.0	0.0	0.0	0.1	***10.2***	***0.7***	10.9
28854	*29220*	1999	2000	0.6	0.3	0.5	1.7	0.1	0.3	0.0	6.9	0.0	0.0	0.0	0.1	***10.0***	***0.7***	10.7
29220	*29585*	2000	2001	0.5	0.2	0.3	1.5	0.0	0.1	0.0	6.1	0.0	0.0	0.0	0.0	***8.5***	***0.4***	8.9
29585	*29950*	2001	2002	0.5	0.4	0.4	1.5	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.1	***9.5***	***0.5***	10.0
29950	*30315*	2002	2003	0.7	0.5	0.6	1.5	0.2	0.5	0.1	7.7	0.1	0.1	0.0	0.4	***11.4***	***1.0***	12.4
30315	*30681*	2003	2004	0.8	0.6	0.8	1.5	0.3	0.6	0.2	8.3	0.1	0.2	0.1	0.6	***12.7***	***1.4***	14.1
30681	*31046*	2004	2005	0.6	0.5	0.5	1.3	0.1	0.2	0.0	7.1	0.0	0.1	0.0	0.4	***10.2***	***0.7***	10.9
31046	*31411*	2005	2006	0.6	0.5	0.5	1.3	0.1	0.3	0.0	7.1	0.0	0.2	0.0	0.4	***10.3***	***0.7***	11.1
31411	*31776*	2006	2007	0.6	0.5	0.5	1.2	0.2	0.3	0.0	7.0	0.0	0.2	0.0	0.4	***10.2***	***0.8***	11.0
31776	*32142*	2007	2008	1.0	0.6	0.9	1.3	0.3	0.8	0.3	8.6	0.2	0.4	0.1	0.8	***13.6***	***1.8***	15.3
32142	*32507*	2008	2009	1.9	1.0	2.1	1.8	0.8	2.2	1.1	12.9	0.4	0.9	0.2	2.0	***22.7***	***4.7***	27.4
32507	*32872*	2009	2010	2.6	1.4	3.0	2.0	1.1	3.0	1.6	16.0	0.6	1.2	0.3	2.8	***29.0***	***6.7***	35.7

B-3 (Transient from 1920 to 2009). Modelled groundwater salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	632	137	526	16	80	23	6	616	31	6	13	32	*1461*	*657*	2118
3652	*7305*	1930	1940	632	137	524	16	80	23	6	622	31	6	13	32	*1468*	*655*	2123
7305	*14610*	1940	1960	632	137	521	16	80	23	7	668	32	6	13	32	*1514*	*653*	2167
14610	*18263*	1960	1970	632	137	519	16	81	23	7	676	33	6	13	34	*1524*	*652*	2176
18263	*21915*	1970	1980	632	137	518	17	81	24	7	681	34	7	13	37	*1534*	*653*	2187
21915	*24837*	1980	1988	632	137	517	18	82	27	8	685	35	9	14	40	*1548*	*656*	2204
24837	*25202*	1988	1989	632	137	517	18	82	27	8	686	35	9	14	40	*1548*	*656*	2205
25202	*25567*	1989	1990	632	137	517	18	82	27	8	686	35	9	14	40	*1549*	*656*	2205
25567	*25932*	1990	1991	632	137	517	19	83	31	8	687	37	9	14	41	*1556*	*659*	2215
25932	*26298*	1991	1992	632	137	517	19	83	33	8	687	37	9	14	41	*1559*	*660*	2219
26298	*26663*	1992	1993	632	137	517	19	83	33	9	688	37	10	14	42	*1561*	*660*	2221
26663	*27028*	1993	1994	632	137	517	19	84	34	9	688	37	10	14	42	*1562*	*661*	2223
27028	*27393*	1994	1995	632	137	517	19	84	34	9	689	38	10	14	42	*1563*	*661*	2224
27393	*27759*	1995	1996	632	137	517	20	84	34	9	689	38	10	14	42	*1564*	*661*	2225
27759	*28124*	1996	1997	632	137	517	20	84	34	9	689	38	10	14	42	*1565*	*661*	2226
28124	*28489*	1997	1998	632	137	516	20	84	34	9	690	38	10	14	42	*1565*	*661*	2226
28489	*28854*	1998	1999	632	137	516	20	84	34	9	690	38	10	14	42	*1566*	*661*	2227
28854	*29220*	1999	2000	632	137	516	20	84	34	9	690	38	10	14	42	*1566*	*661*	2228
29220	*29585*	2000	2001	465	58	346	1	31	5	0	523	4	0	5	14	*1067*	*386*	1453
29585	*29950*	2001	2002	513	81	394	7	47	11	0	564	11	1	7	20	*1197*	*459*	1656
29950	*30315*	2002	2003	702	177	615	32	116	77	49	771	53	21	23	60	*1839*	*856*	2695
30315	*30681*	2003	2004	833	242	759	47	160	116	111	915	83	37	36	91	*2281*	*1148*	3429
30681	*31046*	2004	2005	606	123	472	16	72	25	4	659	34	7	13	37	*1473*	*594*	2067
31046	*31411*	2005	2006	628	136	505	19	82	34	6	685	39	10	14	42	*1555*	*647*	2202
31411	*31776*	2006	2007	633	138	513	20	85	37	8	691	40	11	15	43	*1575*	*660*	2235
31776	*32142*	2007	2008	971	310	914	64	208	157	187	1064	114	53	52	129	*2748*	*1474*	4222
32142	*32507*	2008	2009	1877	765	2119	179	537	460	734	2062	303	164	153	396	*5903*	*3846*	9750
32507	*32872*	2009	2010	2547	1098	2953	253	752	632	1091	2780	434	240	219	584	*8133*	*5449*	13581
32872	*33237*	2010	2011	2126	844	2213	180	552	397	758	2278	332	178	152	445	*6449*	*4007*	10456
33237	*33603*	2011	2012	1925	728	1881	146	460	287	588	2034	286	148	128	381	*5649*	*3343*	8992
33603	*33968*	2012	2013	1799	654	1681	125	403	225	482	1879	259	130	113	342	*5155*	*2938*	8093
33968	*34333*	2013	2014	1710	601	1545	111	362	187	410	1769	240	117	103	315	*4810*	*2660*	7470
34333	*34698*	2014	2015	1643	561	1444	101	331	162	358	1685	225	107	96	294	*4553*	*2455*	7008
34698	*35064*	2015	2016	1591	529	1367	93	306	144	320	1618	214	100	90	278	*4351*	*2296*	6647
35064	*35429*	2016	2017	1548	502	1305	86	285	132	290	1562	204	93	85	264	*4188*	*2168*	6356
35429	*35794*	2017	2018	1512	480	1254	81	268	122	266	1516	196	88	80	253	*4052*	*2064*	6115
35794	*36159*	2018	2019	1481	462	1211	77	253	114	246	1476	189	83	77	243	*3936*	*1976*	5912
36159	*36525*	2019	2020	1454	446	1175	74	241	108	229	1441	183	79	73	235	*3837*	*1900*	5737
36525	*36890*	2020	2021	1433	434	1144	71	230	104	216	1411	177	75	71	228	*3757*	*1838*	5594
36890	*37255*	2021	2022	1413	423	1117	69	221	100	204	1384	173	72	68	222	*3683*	*1782*	5465
37255	*37620*	2022	2023	1395	413	1094	67	212	97	193	1360	168	69	66	216	*3616*	*1732*	5348
37620	*37986*	2023	2024	1378	403	1073	66	205	94	184	1339	164	66	64	211	*3556*	*1688*	5245
37986	*38351*	2024	2025	1363	395	1054	64	198	92	176	1319	160	63	62	206	*3502*	*1648*	5151

B-3(S2). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 2)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	1350	388	1037	63	192	89	168	1301	156	61	60	201	3453	1612	5066
38716	39081	2026	2027	1337	381	1022	62	186	87	162	1285	153	59	58	197	3409	1580	4989
39081	39447	2027	2028	1326	374	1008	61	181	86	156	1270	149	57	57	194	3367	1550	4918
39447	39812	2028	2029	1315	369	995	60	177	84	150	1256	146	55	55	190	3330	1523	4853
39812	40177	2029	2030	1306	363	983	59	172	83	145	1244	143	54	54	187	3295	1498	4792
40177	40542	2030	2031	1299	362	974	59	169	82	140	1232	141	52	53	185	3270	1478	4748
40542	40908	2031	2032	1291	358	965	59	166	81	136	1222	139	51	52	182	3243	1458	4701
40908	41273	2032	2033	1283	355	957	59	163	80	132	1211	136	50	51	180	3217	1439	4656
41273	41638	2033	2034	1276	351	949	58	160	79	129	1202	134	48	50	177	3192	1421	4613
41638	42003	2034	2035	1269	348	941	58	157	78	125	1193	132	47	49	175	3169	1405	4574
42003	42369	2035	2036	1263	345	934	58	155	77	122	1184	130	46	48	173	3147	1389	4536
42369	42734	2036	2037	1257	342	927	58	152	76	119	1177	128	45	48	171	3126	1374	4501
42734	43099	2037	2038	1252	340	921	57	150	75	116	1169	126	44	47	169	3107	1360	4467
43099	43464	2038	2039	1247	337	915	57	148	75	114	1162	124	44	46	167	3088	1347	4435
43464	43830	2039	2040	1242	334	910	57	146	74	111	1155	122	43	45	166	3071	1335	4405
43830	44195	2040	2041	1239	336	906	58	145	74	109	1149	121	42	45	165	3063	1326	4390
44195	44560	2041	2042	1235	335	903	59	143	73	107	1144	119	41	45	164	3051	1317	4369
44560	44925	2042	2043	1232	334	899	60	142	73	105	1138	118	41	44	163	3039	1308	4347
44925	45291	2043	2044	1228	332	895	60	141	72	103	1132	117	40	44	162	3027	1299	4326
45291	45656	2044	2045	1225	331	891	60	139	72	101	1127	115	40	43	160	3015	1290	4305
45656	46021	2045	2046	1222	329	888	61	138	72	99	1122	114	39	43	159	3004	1281	4286
46021	46386	2046	2047	1219	328	884	61	137	71	97	1118	113	39	43	158	2994	1273	4267
46386	46752	2047	2048	1217	327	881	61	135	71	96	1113	112	38	42	157	2983	1265	4249
46752	47117	2048	2049	1214	325	877	61	134	71	94	1109	110	38	42	156	2973	1258	4231
47117	47482	2049	2050	1211	324	874	61	133	70	93	1105	109	37	41	155	2964	1251	4215
47482	47847	2050	2051	1211	326	873	62	133	70	91	1101	109	37	42	155	2963	1248	4211
47847	48213	2051	2052	1210	326	872	64	132	70	90	1098	108	37	41	155	2959	1243	4202
48213	48578	2052	2053	1208	326	870	65	131	70	89	1094	107	36	41	154	2953	1238	4191
48578	48943	2053	2054	1207	326	868	66	131	70	88	1091	106	36	41	153	2948	1233	4181
48943	49308	2054	2055	1206	325	865	66	130	69	86	1088	105	36	41	153	2943	1228	4170
49308	49674	2055	2056	1205	325	863	67	129	69	85	1084	104	36	41	152	2937	1222	4160
49674	50039	2056	2057	1204	324	861	67	128	69	84	1082	103	35	41	151	2932	1217	4150
50039	50404	2057	2058	1203	323	859	67	127	69	83	1079	103	35	40	151	2927	1213	4140
50404	50769	2058	2059	1202	323	857	68	127	69	82	1076	102	35	40	150	2922	1208	4130
50769	51135	2059	2060	1201	322	855	68	126	69	81	1073	101	35	40	149	2918	1203	4121
51135	51500	2060	2061	1202	324	855	70	126	69	80	1071	101	35	40	150	2920	1203	4123
51500	51865	2061	2062	1202	325	854	71	126	69	80	1069	100	34	41	150	2920	1200	4120
51865	52230	2062	2063	1202	325	853	72	126	69	79	1067	100	34	41	150	2919	1198	4116
52230	52596	2063	2064	1202	325	852	73	125	69	78	1065	99	34	41	149	2917	1194	4112
52596	52961	2064	2065	1202	325	850	74	125	69	77	1063	98	34	41	149	2916	1191	4107
52961	53326	2065	2066	1202	325	849	74	124	69	76	1061	98	34	41	149	2914	1188	4102
53326	53691	2066	2067	1202	325	848	75	124	69	76	1059	97	34	41	148	2913	1185	4097

B-3(S2). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 2)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	1203	325	846	75	123	69	75	1058	97	34	40	148	2911	1182	4093
54057	54422	2068	2069	1203	325	845	76	123	69	74	1056	96	34	40	147	2910	1179	4089
54422	54787	2069	2070	1203	325	844	76	122	69	74	1055	96	34	40	147	2909	1176	4084
54787	55152	2070	2071	1205	327	844	77	122	69	73	1054	96	34	41	147	2913	1176	4089
55152	55518	2071	2072	1206	327	843	79	122	70	72	1053	95	34	41	148	2915	1175	4090
55518	55883	2072	2073	1207	328	843	80	122	70	72	1052	95	34	42	148	2917	1173	4090
55883	56248	2073	2074	1208	328	842	81	122	70	71	1051	95	34	42	148	2918	1171	4089
56248	56613	2074	2075	1209	329	841	81	121	70	71	1050	94	34	42	147	2919	1169	4088
56613	56979	2075	2076	1210	329	840	82	121	70	70	1049	94	34	42	147	2920	1167	4087
56979	57344	2076	2077	1211	329	839	82	121	70	70	1048	94	34	42	147	2921	1165	4086
57344	57709	2077	2078	1212	330	838	83	120	70	69	1047	93	34	42	147	2922	1163	4085
57709	58074	2078	2079	1213	330	837	83	120	71	69	1047	93	34	42	147	2924	1161	4084
58074	58440	2079	2080	1214	330	836	84	120	71	68	1047	93	34	42	146	2925	1159	4084
58440	58805	2080	2081	1216	332	836	85	120	71	68	1047	93	34	43	147	2930	1160	4090
58805	59170	2081	2082	1218	332	836	86	120	71	68	1047	92	34	43	147	2934	1159	4094
59170	59535	2082	2083	1219	333	836	87	120	72	67	1046	92	34	44	148	2938	1158	4097
59535	59901	2083	2084	1221	334	835	87	119	72	67	1046	92	34	44	148	2941	1157	4099
59901	60266	2084	2085	1222	334	834	88	119	72	66	1047	92	34	44	148	2945	1156	4101
60266	60631	2085	2086	1224	335	834	88	119	72	66	1047	92	34	45	148	2948	1155	4103
60631	60996	2086	2087	1226	336	833	89	119	73	66	1047	91	34	45	148	2951	1154	4104
60996	61362	2087	2088	1227	336	832	89	118	73	65	1047	91	34	45	147	2954	1152	4106
61362	61727	2088	2089	1229	337	832	90	118	73	65	1048	91	34	45	147	2957	1151	4108
61727	62092	2089	2090	1230	337	831	90	118	73	65	1048	91	34	45	147	2960	1150	4110
62092	62457	2090	2091	1233	339	831	91	118	74	65	1050	91	34	46	148	2967	1151	4118
62457	62823	2091	2092	1235	340	831	91	118	74	64	1051	91	34	47	148	2973	1151	4123
62823	63188	2092	2093	1237	340	831	92	118	74	64	1051	91	34	47	149	2978	1150	4128
63188	63553	2093	2094	1239	341	830	93	118	75	64	1053	91	34	48	149	2983	1150	4133
63553	63918	2094	2095	1241	342	830	93	117	75	64	1054	91	34	48	149	2988	1149	4137
63918	64284	2095	2096	1243	343	829	94	117	75	63	1055	90	35	48	149	2993	1149	4141
64284	64649	2096	2097	1245	344	829	94	117	75	63	1056	90	35	49	149	2998	1148	4145
64649	65014	2097	2098	1247	345	828	94	117	76	63	1058	90	35	49	149	3002	1147	4149
65014	65379	2098	2099	1248	345	827	95	117	76	63	1059	90	35	49	149	3007	1146	4154
65379	65745	2099	2100	1250	346	827	95	117	76	62	1061	90	35	49	149	3012	1145	4158
65745	66110	2100	2101	1253	348	827	95	117	77	62	1063	90	35	50	150	3020	1147	4167
66110	66475	2101	2102	1256	349	827	96	117	77	62	1065	90	35	51	150	3027	1147	4174
66475	66840	2102	2103	1258	350	827	96	117	77	62	1067	90	35	51	151	3034	1147	4181
66840	67206	2103	2104	1260	351	826	97	116	78	62	1069	90	36	52	151	3041	1147	4188
67206	67571	2104	2105	1263	352	826	97	116	78	62	1071	90	36	52	151	3047	1147	4194
67571	67936	2105	2106	1265	353	826	98	116	78	62	1073	90	36	53	151	3054	1147	4200
67936	68301	2106	2107	1267	354	825	98	116	79	61	1076	90	36	53	152	3060	1146	4207
68301	68667	2107	2108	1269	355	825	98	116	79	61	1078	90	36	53	152	3067	1146	4213
68667	69032	2108	2109	1272	356	825	99	116	79	61	1081	90	36	54	152	3073	1146	4219
69032	69397	2109	2110	1272	356	825	99	116	79	61	1081	90	36	54	152	3073	1146	4219

B-3(S2). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 2)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3652*	1920	1930	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.8	0.0	0.0	0.0	0.1	***3.9***	***0.7***	**4.6**
3652	*7305*	1930	1940	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.8	0.0	0.0	0.0	0.1	***3.9***	***0.7***	**4.6**
7305	*14610*	1940	1960	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.0	0.0	0.0	0.0	0.1	***4.1***	***0.7***	**4.8**
14610	*18263*	1960	1970	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.0	0.0	0.0	0.0	0.2	***4.2***	***0.7***	**4.9**
18263	*21915*	1970	1980	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.1	0.1	0.0	0.0	0.2	***4.2***	***0.7***	**4.9**
21915	*24837*	1980	1988	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.1	0.1	0.0	0.0	0.2	***4.3***	***0.7***	**5.0**
24837	*25202*	1988	1989	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.1	0.1	0.0	0.0	0.2	***4.3***	***0.7***	**5.0**
25202	*25567*	1989	1990	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.1	0.1	0.0	0.0	0.2	***4.3***	***0.7***	**5.0**
25567	*25932*	1990	1991	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.1	0.1	0.0	0.0	0.2	***4.3***	***0.7***	**5.0**
25932	*26298*	1991	1992	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.1	0.1	0.0	0.0	0.2	***4.3***	***0.7***	**5.1**
26298	*26663*	1992	1993	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.1	0.1	0.0	0.0	0.2	***4.3***	***0.7***	**5.1**
26663	*27028*	1993	1994	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.1	0.1	0.0	0.0	0.2	***4.3***	***0.7***	**5.1**
27028	*27393*	1994	1995	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.1	0.1	0.0	0.0	0.2	***4.3***	***0.7***	**5.1**
27393	*27759*	1995	1996	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.1	0.1	0.0	0.0	0.2	***4.3***	***0.7***	**5.1**
27759	*28124*	1996	1997	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.1	0.1	0.0	0.0	0.2	***4.3***	***0.7***	**5.1**
28124	*28489*	1997	1998	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.1	0.1	0.0	0.0	0.2	***4.3***	***0.7***	**5.1**
28489	*28854*	1998	1999	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.1	0.1	0.0	0.0	0.2	***4.4***	***0.7***	**5.1**
28854	*29220*	1999	2000	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.1	0.1	0.0	0.0	0.2	***4.4***	***0.7***	**5.1**
29220	*29585*	2000	2001	0.5	0.1	0.3	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.1	***3.0***	***0.4***	**3.4**
29585	*29950*	2001	2002	0.5	0.1	0.4	0.0	0.1	0.1	0.0	2.5	0.0	0.0	0.0	0.1	***3.3***	***0.5***	**3.8**
29950	*30315*	2002	2003	0.7	0.2	0.6	0.1	0.2	0.3	0.1	3.5	0.1	0.1	0.0	0.3	***5.2***	***1.0***	**6.2**
30315	*30681*	2003	2004	0.8	0.2	0.8	0.2	0.2	0.5	0.2	4.1	0.1	0.2	0.1	0.4	***6.5***	***1.3***	**7.8**
30681	*31046*	2004	2005	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.0	0.1	0.0	0.0	0.2	***4.1***	***0.7***	**4.7**
31046	*31411*	2005	2006	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.1	0.1	0.0	0.0	0.2	***4.3***	***0.7***	**5.0**
31411	*31776*	2006	2007	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.1	0.1	0.1	0.0	0.2	***4.4***	***0.7***	**5.1**
31776	*32142*	2007	2008	1.0	0.3	0.9	0.3	0.3	0.7	0.3	4.8	0.2	0.2	0.1	0.6	***7.9***	***1.8***	**9.6**
32142	*32507*	2008	2009	1.9	0.8	2.1	0.8	0.8	2.1	1.1	9.3	0.5	0.7	0.2	1.8	***17.3***	***4.7***	**22.0**
32507	*32872*	2009	2010	2.5	1.1	3.0	1.1	1.1	2.8	1.6	12.5	0.7	1.1	0.3	2.6	***23.8***	***6.7***	**30.5**
32872	*33237*	2010	2011	2.1	0.8	2.2	0.8	0.8	1.8	1.1	10.2	0.5	0.8	0.2	2.0	***18.6***	***4.9***	**23.5**
33237	*33603*	2011	2012	1.9	0.7	1.9	0.7	0.7	1.3	0.9	9.2	0.4	0.7	0.2	1.7	***16.1***	***4.1***	**20.2**
33603	*33968*	2012	2013	1.8	0.7	1.7	0.6	0.6	1.0	0.7	8.5	0.4	0.6	0.2	1.5	***14.6***	***3.6***	**18.2**
33968	*34333*	2013	2014	1.7	0.6	1.5	0.5	0.5	0.8	0.6	8.0	0.4	0.5	0.2	1.4	***13.6***	***3.2***	**16.8**
34333	*34698*	2014	2015	1.6	0.6	1.4	0.5	0.5	0.7	0.5	7.6	0.3	0.5	0.1	1.3	***12.8***	***3.0***	**15.7**
34698	*35064*	2015	2016	1.6	0.5	1.4	0.4	0.5	0.6	0.5	7.3	0.3	0.4	0.1	1.2	***12.2***	***2.8***	**14.9**
35064	*35429*	2016	2017	1.5	0.5	1.3	0.4	0.4	0.6	0.4	7.0	0.3	0.4	0.1	1.2	***11.7***	***2.6***	**14.3**
35429	*35794*	2017	2018	1.5	0.5	1.3	0.4	0.4	0.5	0.4	6.8	0.3	0.4	0.1	1.1	***11.3***	***2.5***	**13.7**
35794	*36159*	2018	2019	1.5	0.5	1.2	0.3	0.4	0.5	0.4	6.6	0.3	0.4	0.1	1.1	***10.9***	***2.4***	**13.3**
36159	*36525*	2019	2020	1.5	0.4	1.2	0.3	0.4	0.5	0.3	6.5	0.3	0.4	0.1	1.1	***10.6***	***2.3***	**12.9**
36525	*36890*	2020	2021	1.4	0.4	1.1	0.3	0.3	0.5	0.3	6.3	0.3	0.3	0.1	1.0	***10.4***	***2.2***	**12.6**
36890	*37255*	2021	2022	1.4	0.4	1.1	0.3	0.3	0.5	0.3	6.2	0.3	0.3	0.1	1.0	***10.1***	***2.1***	**12.3**
37255	*37620*	2022	2023	1.4	0.4	1.1	0.3	0.3	0.4	0.3	6.1	0.3	0.3	0.1	1.0	***9.9***	***2.1***	**12.0**
37620	*37986*	2023	2024	1.4	0.4	1.1	0.3	0.3	0.4	0.3	6.0	0.2	0.3	0.1	0.9	***9.8***	***2.0***	**11.8**
37986	*38351*	2024	2025	1.4	0.4	1.1	0.3	0.3	0.4	0.3	5.9	0.2	0.3	0.1	0.9	***9.6***	***1.9***	**11.6**

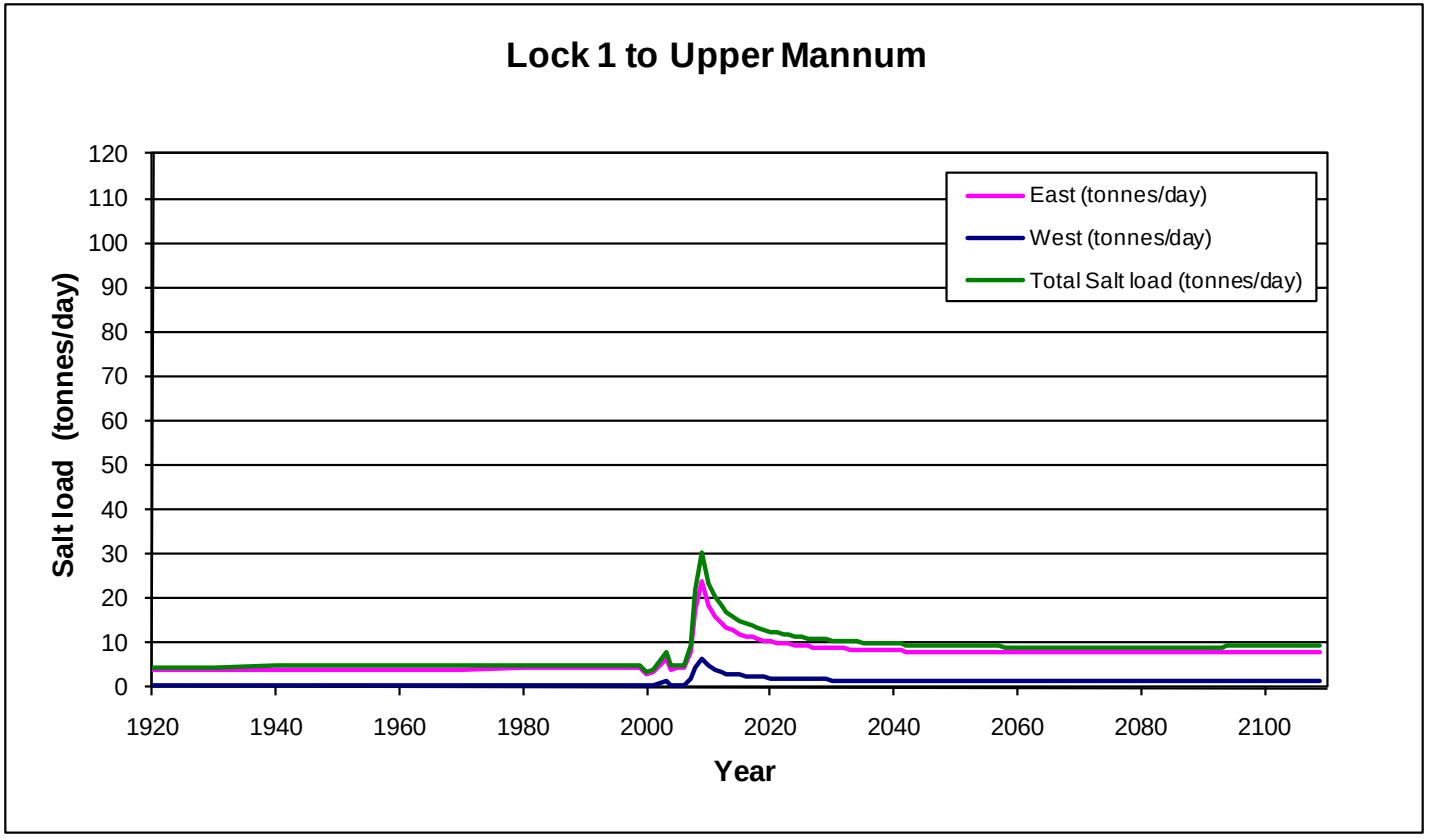
B-3(S2). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 2)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	1.3	0.4	1.0	0.3	0.3	0.4	0.3	5.9	0.2	0.3	0.1	0.9	9.5	1.9	11.4
38716	39081	2026	2027	1.3	0.4	1.0	0.3	0.3	0.4	0.2	5.8	0.2	0.3	0.1	0.9	9.3	1.9	11.2
39081	39447	2027	2028	1.3	0.4	1.0	0.3	0.3	0.4	0.2	5.7	0.2	0.3	0.1	0.9	9.2	1.8	11.0
39447	39812	2028	2029	1.3	0.4	1.0	0.3	0.3	0.4	0.2	5.7	0.2	0.2	0.1	0.9	9.1	1.8	10.9
39812	40177	2029	2030	1.3	0.4	1.0	0.3	0.3	0.4	0.2	5.6	0.2	0.2	0.1	0.8	9.0	1.8	10.7
40177	40542	2030	2031	1.3	0.4	1.0	0.3	0.3	0.4	0.2	5.5	0.2	0.2	0.1	0.8	8.9	1.7	10.6
40542	40908	2031	2032	1.3	0.4	1.0	0.3	0.2	0.4	0.2	5.5	0.2	0.2	0.1	0.8	8.8	1.7	10.5
40908	41273	2032	2033	1.3	0.4	1.0	0.3	0.2	0.4	0.2	5.5	0.2	0.2	0.1	0.8	8.7	1.7	10.4
41273	41638	2033	2034	1.3	0.4	0.9	0.3	0.2	0.4	0.2	5.4	0.2	0.2	0.1	0.8	8.7	1.7	10.3
41638	42003	2034	2035	1.3	0.3	0.9	0.3	0.2	0.3	0.2	5.4	0.2	0.2	0.1	0.8	8.6	1.6	10.2
42003	42369	2035	2036	1.3	0.3	0.9	0.3	0.2	0.3	0.2	5.3	0.2	0.2	0.1	0.8	8.5	1.6	10.1
42369	42734	2036	2037	1.3	0.3	0.9	0.3	0.2	0.3	0.2	5.3	0.2	0.2	0.1	0.8	8.5	1.6	10.1
42734	43099	2037	2038	1.3	0.3	0.9	0.3	0.2	0.3	0.2	5.3	0.2	0.2	0.1	0.8	8.4	1.6	10.0
43099	43464	2038	2039	1.2	0.3	0.9	0.3	0.2	0.3	0.2	5.2	0.2	0.2	0.1	0.8	8.4	1.6	9.9
43464	43830	2039	2040	1.2	0.3	0.9	0.3	0.2	0.3	0.2	5.2	0.2	0.2	0.1	0.7	8.3	1.5	9.8
43830	44195	2040	2041	1.2	0.3	0.9	0.3	0.2	0.3	0.2	5.2	0.2	0.2	0.1	0.7	8.3	1.5	9.8
44195	44560	2041	2042	1.2	0.3	0.9	0.3	0.2	0.3	0.2	5.1	0.2	0.2	0.1	0.7	8.2	1.5	9.8
44560	44925	2042	2043	1.2	0.3	0.9	0.3	0.2	0.3	0.2	5.1	0.2	0.2	0.1	0.7	8.2	1.5	9.7
44925	45291	2043	2044	1.2	0.3	0.9	0.3	0.2	0.3	0.2	5.1	0.2	0.2	0.1	0.7	8.2	1.5	9.7
45291	45656	2044	2045	1.2	0.3	0.9	0.3	0.2	0.3	0.2	5.1	0.2	0.2	0.1	0.7	8.1	1.5	9.6
45656	46021	2045	2046	1.2	0.3	0.9	0.3	0.2	0.3	0.1	5.1	0.2	0.2	0.1	0.7	8.1	1.5	9.6
46021	46386	2046	2047	1.2	0.3	0.9	0.3	0.2	0.3	0.1	5.0	0.2	0.2	0.1	0.7	8.1	1.5	9.5
46386	46752	2047	2048	1.2	0.3	0.9	0.3	0.2	0.3	0.1	5.0	0.2	0.2	0.1	0.7	8.0	1.5	9.5
46752	47117	2048	2049	1.2	0.3	0.9	0.3	0.2	0.3	0.1	5.0	0.2	0.2	0.1	0.7	8.0	1.4	9.4
47117	47482	2049	2050	1.2	0.3	0.9	0.3	0.2	0.3	0.1	5.0	0.2	0.2	0.1	0.7	8.0	1.4	9.4
47482	47847	2050	2051	1.2	0.3	0.9	0.3	0.2	0.3	0.1	5.0	0.2	0.2	0.1	0.7	8.0	1.4	9.4
47847	48213	2051	2052	1.2	0.3	0.9	0.3	0.2	0.3	0.1	4.9	0.2	0.2	0.1	0.7	7.9	1.4	9.4
48213	48578	2052	2053	1.2	0.3	0.9	0.3	0.2	0.3	0.1	4.9	0.2	0.2	0.1	0.7	7.9	1.4	9.3
48578	48943	2053	2054	1.2	0.3	0.9	0.3	0.2	0.3	0.1	4.9	0.2	0.2	0.1	0.7	7.9	1.4	9.3
48943	49308	2054	2055	1.2	0.3	0.9	0.3	0.2	0.3	0.1	4.9	0.2	0.2	0.1	0.7	7.9	1.4	9.3
49308	49674	2055	2056	1.2	0.3	0.9	0.3	0.2	0.3	0.1	4.9	0.2	0.2	0.1	0.7	7.9	1.4	9.3
49674	50039	2056	2057	1.2	0.3	0.9	0.3	0.2	0.3	0.1	4.9	0.2	0.2	0.1	0.7	7.8	1.4	9.2
50039	50404	2057	2058	1.2	0.3	0.9	0.3	0.2	0.3	0.1	4.9	0.2	0.2	0.1	0.7	7.8	1.4	9.2
50404	50769	2058	2059	1.2	0.3	0.9	0.3	0.2	0.3	0.1	4.8	0.2	0.2	0.1	0.7	7.8	1.4	9.2
50769	51135	2059	2060	1.2	0.3	0.9	0.3	0.2	0.3	0.1	4.8	0.2	0.2	0.1	0.7	7.8	1.4	9.2
51135	51500	2060	2061	1.2	0.3	0.9	0.3	0.2	0.3	0.1	4.8	0.2	0.2	0.1	0.7	7.8	1.4	9.2
51500	51865	2061	2062	1.2	0.3	0.9	0.3	0.2	0.3	0.1	4.8	0.2	0.2	0.1	0.7	7.8	1.4	9.2
51865	52230	2062	2063	1.2	0.3	0.9	0.3	0.2	0.3	0.1	4.8	0.1	0.2	0.1	0.7	7.8	1.4	9.2
52230	52596	2063	2064	1.2	0.3	0.9	0.3	0.2	0.3	0.1	4.8	0.1	0.2	0.1	0.7	7.8	1.4	9.1
52596	52961	2064	2065	1.2	0.3	0.9	0.3	0.2	0.3	0.1	4.8	0.1	0.2	0.1	0.7	7.8	1.4	9.1
52961	53326	2065	2066	1.2	0.3	0.8	0.3	0.2	0.3	0.1	4.8	0.1	0.2	0.1	0.7	7.8	1.4	9.1
53326	53691	2066	2067	1.2	0.3	0.8	0.3	0.2	0.3	0.1	4.8	0.1	0.2	0.1	0.7	7.8	1.4	9.1

B-3(S2). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 2)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	1.2	0.3	0.8	0.3	0.2	0.3	0.1	4.8	0.1	0.2	0.1	0.7	7.8	1.3	9.1
54057	54422	2068	2069	1.2	0.3	0.8	0.3	0.2	0.3	0.1	4.8	0.1	0.2	0.1	0.7	7.7	1.3	9.1
54422	54787	2069	2070	1.2	0.3	0.8	0.3	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.7	1.3	9.1
54787	55152	2070	2071	1.2	0.3	0.8	0.3	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.7	1.3	9.1
55152	55518	2071	2072	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.8	1.3	9.1
55518	55883	2072	2073	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.8	1.3	9.1
55883	56248	2073	2074	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.8	1.3	9.1
56248	56613	2074	2075	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.8	1.3	9.1
56613	56979	2075	2076	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.8	1.3	9.1
56979	57344	2076	2077	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.8	1.3	9.1
57344	57709	2077	2078	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.8	1.3	9.1
57709	58074	2078	2079	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.8	1.3	9.1
58074	58440	2079	2080	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.8	1.3	9.1
58440	58805	2080	2081	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.8	1.3	9.1
58805	59170	2081	2082	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.8	1.3	9.1
59170	59535	2082	2083	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.8	1.3	9.1
59535	59901	2083	2084	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.8	1.3	9.1
59901	60266	2084	2085	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.8	1.3	9.1
60266	60631	2085	2086	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.8	1.3	9.1
60631	60996	2086	2087	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.8	1.3	9.1
60996	61362	2087	2088	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.8	1.3	9.1
61362	61727	2088	2089	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.8	1.3	9.1
61727	62092	2089	2090	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.8	1.3	9.1
62092	62457	2090	2091	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.9	1.3	9.2
62457	62823	2091	2092	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.9	1.3	9.2
62823	63188	2092	2093	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.9	1.3	9.2
63188	63553	2093	2094	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.9	1.3	9.2
63553	63918	2094	2095	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.9	1.3	9.2
63918	64284	2095	2096	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.7	0.1	0.2	0.1	0.7	7.9	1.3	9.2
64284	64649	2096	2097	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.8	0.1	0.2	0.1	0.7	7.9	1.3	9.2
64649	65014	2097	2098	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.8	0.1	0.2	0.1	0.7	7.9	1.3	9.2
65014	65379	2098	2099	1.2	0.3	0.8	0.4	0.2	0.3	0.1	4.8	0.1	0.2	0.1	0.7	8.0	1.3	9.3
65379	65745	2099	2100	1.3	0.3	0.8	0.4	0.2	0.3	0.1	4.8	0.1	0.2	0.1	0.7	8.0	1.3	9.3
65745	66110	2100	2101	1.3	0.3	0.8	0.4	0.2	0.3	0.1	4.8	0.1	0.2	0.1	0.7	8.0	1.3	9.3
66110	66475	2101	2102	1.3	0.3	0.8	0.4	0.2	0.3	0.1	4.8	0.1	0.2	0.1	0.7	8.0	1.3	9.3
66475	66840	2102	2103	1.3	0.3	0.8	0.4	0.2	0.3	0.1	4.8	0.1	0.2	0.1	0.7	8.0	1.3	9.3
66840	67206	2103	2104	1.3	0.4	0.8	0.4	0.2	0.3	0.1	4.8	0.1	0.2	0.1	0.7	8.0	1.3	9.4
67206	67571	2104	2105	1.3	0.4	0.8	0.4	0.2	0.4	0.1	4.8	0.1	0.2	0.1	0.7	8.1	1.3	9.4
67571	67936	2105	2106	1.3	0.4	0.8	0.4	0.2	0.4	0.1	4.8	0.1	0.2	0.1	0.7	8.1	1.3	9.4
67936	68301	2106	2107	1.3	0.4	0.8	0.4	0.2	0.4	0.1	4.8	0.1	0.2	0.1	0.7	8.1	1.3	9.4
68301	68667	2107	2108	1.3	0.4	0.8	0.4	0.2	0.4	0.1	4.9	0.1	0.2	0.1	0.7	8.1	1.3	9.4
68667	69032	2108	2109	1.3	0.4	0.8	0.4	0.2	0.4	0.1	4.9	0.1	0.2	0.1	0.7	8.1	1.3	9.4
69032	69397	2109	2110	1.3	0.4	0.8	0.4	0.2	0.4	0.1	4.9	0.1	0.2	0.1	0.7	8.1	1.3	9.4
	Salinity (mg/L)			1,000	1,000	1,000	4,500	1,500	4,500	1,500	4,500	1,500	4,500	1,500	4,500			

B-3(S2). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 2)



B-3(S2). Graph of modelled salt load (tonnes/day) entering the River Murray in the Lock 1 to Upper Mannum area (Scenario 2)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	633	137	526	16	80	23	6	609	31	6	13	32	*1455*	*657*	2112
3652	*7305*	1930	1940	632	137	524	16	80	23	6	615	31	6	13	32	*1461*	*656*	2117
7305	*14610*	1940	1960	632	137	521	16	80	23	7	624	32	6	13	32	*1470*	*653*	2123
14610	*18263*	1960	1970	631	137	519	16	81	23	7	629	32	6	13	32	*1475*	*652*	2127
18263	*21915*	1970	1980	631	294	518	358	81	32	7	1177	32	6	13	32	*2531*	*651*	3182
21915	*24837*	1980	1988	631	328	517	405	81	46	7	1408	32	6	13	32	*2857*	*650*	3507
24837	*25202*	1988	1989	631	330	517	407	81	48	7	1425	32	6	13	32	*2880*	*650*	3530
25202	*25567*	1989	1990	631	332	517	409	81	49	7	1439	32	6	13	32	*2899*	*650*	3548
25567	*25932*	1990	1991	631	333	517	411	81	50	7	1454	32	6	13	32	*2918*	*650*	3568
25932	*26298*	1991	1992	631	335	517	413	81	51	7	1463	32	6	13	32	*2931*	*650*	3581
26298	*26663*	1992	1993	631	336	517	414	81	52	7	1473	32	6	13	32	*2945*	*650*	3595
26663	*27028*	1993	1994	631	337	517	415	81	53	7	1482	32	6	13	32	*2956*	*650*	3606
27028	*27393*	1994	1995	631	337	517	416	81	54	7	1489	32	6	13	32	*2966*	*650*	3615
27393	*27759*	1995	1996	631	339	517	418	81	55	7	1506	32	6	13	32	*2988*	*649*	3638
27759	*28124*	1996	1997	631	341	516	420	81	57	7	1522	32	6	13	32	*3009*	*649*	3658
28124	*28489*	1997	1998	631	343	516	421	81	58	7	1537	32	6	13	32	*3029*	*649*	3678
28489	*28854*	1998	1999	631	338	516	411	81	59	7	1543	32	6	13	32	*3021*	*649*	3670
28854	*29220*	1999	2000	631	329	516	386	81	61	7	1537	32	6	13	32	*2982*	*649*	3631
29220	*29585*	2000	2001	462	241	346	341	27	30	0	1358	0	0	4	7	*2437*	*377*	2815
29585	*29950*	2001	2002	513	402	395	329	58	38	0	1506	5	1	5	32	*2822*	*465*	3286
29950	*30315*	2002	2003	706	524	618	337	132	102	46	1723	46	28	24	86	*3506*	*866*	4372
30315	*30681*	2003	2004	842	590	763	337	178	141	107	1857	76	51	38	128	*3947*	*1162*	5109
30681	*31046*	2004	2005	616	462	476	290	90	53	3	1583	27	29	14	84	*3117*	*610*	3728
31046	*31411*	2005	2006	640	464	509	280	100	60	5	1587	31	38	17	92	*3160*	*662*	3822
31411	*31776*	2006	2007	647	452	517	267	101	63	6	1568	32	43	18	96	*3136*	*674*	3810
31776	*32142*	2007	2008	988	609	923	297	225	184	183	1916	106	88	56	180	*4263*	*1493*	5756
32142	*32507*	2008	2009	1894	1038	2125	395	551	487	730	2873	295	200	157	445	*7332*	*3857*	11189
32507	*32872*	2009	2010	2564	1359	2958	455	766	658	1086	3562	425	277	223	632	*9506*	*5458*	14964
32872	*33237*	2010	2011	2143	1097	2220	372	566	422	754	3039	322	216	156	493	*7781*	*4018*	11800
33237	*33603*	2011	2012	1942	976	1888	330	474	311	583	2777	277	187	132	428	*6950*	*3353*	10303
33603	*33968*	2012	2013	1816	897	1688	303	416	248	477	2606	249	169	117	389	*6427*	*2947*	9374
33968	*34333*	2013	2014	1728	841	1551	283	375	209	404	2481	230	156	107	362	*6059*	*2668*	8727
34333	*34698*	2014	2015	1662	797	1451	269	344	182	353	2383	215	147	100	341	*5781*	*2462*	8244
34698	*35064*	2015	2016	1609	763	1372	257	319	164	314	2304	204	139	94	325	*5561*	*2302*	7863
35064	*35429*	2016	2017	1566	734	1310	248	298	150	283	2238	194	133	89	312	*5382*	*2175*	7556
35429	*35794*	2017	2018	1530	710	1259	240	281	140	259	2181	186	128	85	301	*5231*	*2069*	7301
35794	*36159*	2018	2019	1500	690	1216	234	266	132	239	2133	179	124	81	292	*5104*	*1981*	7085
36159	*36525*	2019	2020	1474	673	1180	229	253	125	223	2090	172	120	78	284	*4993*	*1906*	6899
36525	*36890*	2020	2021	1451	658	1149	224	242	120	209	2053	167	117	75	277	*4899*	*1842*	6741
36890	*37255*	2021	2022	1431	644	1122	220	233	115	197	2020	162	114	72	271	*4813*	*1785*	6598
37255	*37620*	2022	2023	1413	633	1098	216	224	111	186	1990	157	111	70	265	*4738*	*1735*	6473
37620	*37986*	2023	2024	1398	623	1078	214	217	107	177	1965	153	109	68	261	*4676*	*1694*	6370
37986	*38351*	2024	2025	1384	614	1062	211	211	105	170	1943	149	107	66	257	*4621*	*1658*	6279

B-3(S3a). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 3a)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	1373	607	1047	209	206	102	164	1924	146	105	65	253	4573	1628	6201
38716	39081	2026	2027	1362	600	1034	207	201	100	158	1906	143	104	63	250	4529	1599	6128
39081	39447	2027	2028	1361	599	1032	207	200	100	157	1904	143	103	63	249	4523	1595	6119
39447	39812	2028	2029	1359	599	1031	207	200	99	156	1902	143	103	63	249	4519	1592	6111
39812	40177	2029	2030	1358	598	1029	206	199	99	156	1900	142	103	63	249	4514	1589	6103
40177	40542	2030	2031	1357	597	1028	206	199	99	155	1898	142	103	63	248	4509	1586	6094
40542	40908	2031	2032	1356	596	1026	206	198	99	154	1896	142	103	63	248	4503	1583	6086
40908	41273	2032	2033	1355	595	1025	206	198	98	154	1894	141	103	62	248	4498	1580	6078
41273	41638	2033	2034	1353	595	1023	206	197	98	153	1892	141	102	62	247	4494	1576	6070
41638	42003	2034	2035	1352	594	1022	205	197	98	152	1890	141	102	62	247	4489	1573	6062
42003	42369	2035	2036	1351	593	1020	205	196	98	152	1888	140	102	62	247	4484	1570	6054
42369	42734	2036	2037	1350	592	1019	205	196	98	151	1886	140	102	62	246	4479	1567	6046
42734	43099	2037	2038	1349	592	1017	205	195	97	151	1884	140	102	62	246	4474	1564	6038
43099	43464	2038	2039	1347	591	1016	205	195	97	150	1883	139	101	61	246	4469	1561	6030
43464	43830	2039	2040	1346	590	1014	204	194	97	149	1881	139	101	61	245	4465	1558	6023
43830	44195	2040	2041	1345	590	1013	204	194	97	149	1879	139	101	61	245	4460	1555	6015
44195	44560	2041	2042	1344	589	1012	204	193	96	148	1877	138	101	61	245	4455	1552	6008
44560	44925	2042	2043	1343	588	1010	204	193	96	148	1875	138	101	61	244	4451	1549	6000
44925	45291	2043	2044	1342	587	1009	204	192	96	147	1873	138	101	61	244	4446	1546	5993
45291	45656	2044	2045	1341	587	1008	203	192	96	146	1871	137	100	61	244	4442	1543	5985
45656	46021	2045	2046	1340	586	1006	203	191	96	146	1870	137	100	60	243	4437	1541	5978
46021	46386	2046	2047	1339	585	1005	203	191	95	145	1868	137	100	60	243	4433	1538	5971
46386	46752	2047	2048	1337	585	1004	203	190	95	145	1866	136	100	60	243	4428	1535	5963
46752	47117	2048	2049	1336	584	1002	203	190	95	144	1864	136	100	60	242	4424	1532	5956
47117	47482	2049	2050	1335	583	1001	202	189	95	144	1863	136	100	60	242	4420	1530	5949
47482	47847	2050	2051	1334	583	1000	202	189	94	143	1861	135	100	60	242	4416	1527	5942
47847	48213	2051	2052	1333	582	999	202	188	94	142	1859	135	99	60	241	4411	1524	5935
48213	48578	2052	2053	1332	581	997	202	188	94	142	1857	135	99	59	241	4407	1521	5928
48578	48943	2053	2054	1331	581	996	202	188	94	141	1856	134	99	59	241	4403	1519	5922
48943	49308	2054	2055	1330	580	995	202	187	94	141	1854	134	99	59	240	4399	1516	5915
49308	49674	2055	2056	1329	579	994	201	187	93	140	1852	134	99	59	240	4394	1514	5908
49674	50039	2056	2057	1328	579	993	201	186	93	140	1851	134	99	59	240	4390	1511	5901
50039	50404	2057	2058	1327	578	991	201	186	93	139	1849	133	98	59	239	4386	1508	5895
50404	50769	2058	2059	1326	578	990	201	185	93	139	1847	133	98	59	239	4382	1506	5888
50769	51135	2059	2060	1325	577	989	201	185	93	138	1846	133	98	59	239	4378	1503	5882
51135	51500	2060	2061	1324	576	988	201	185	92	138	1844	132	98	58	239	4374	1501	5875
51500	51865	2061	2062	1323	576	987	200	184	92	137	1843	132	98	58	238	4370	1498	5869
51865	52230	2062	2063	1322	575	986	200	184	92	137	1841	132	98	58	238	4366	1496	5862
52230	52596	2063	2064	1321	575	985	200	183	92	136	1840	131	98	58	238	4363	1494	5856
52596	52961	2064	2065	1320	574	983	200	183	92	136	1838	131	97	58	237	4359	1491	5850
52961	53326	2065	2066	1319	573	982	200	183	92	135	1836	131	97	58	237	4355	1489	5844
53326	53691	2066	2067	1318	573	981	200	182	91	135	1835	131	97	58	237	4351	1486	5837

B-3(S3a). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 3a)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	1317	572	980	199	182	91	134	1833	130	97	58	237	4347	1484	5831
54057	54422	2068	2069	1317	572	979	199	181	91	134	1832	130	97	57	236	4344	1482	5825
54422	54787	2069	2070	1316	571	978	199	181	91	133	1830	130	97	57	236	4340	1479	5819
54787	55152	2070	2071	1315	571	977	199	181	91	133	1829	129	97	57	236	4336	1477	5813
55152	55518	2071	2072	1314	570	976	199	180	91	132	1827	129	97	57	235	4332	1475	5807
55518	55883	2072	2073	1313	569	975	199	180	90	132	1826	129	96	57	235	4329	1473	5801
55883	56248	2073	2074	1312	569	974	199	180	90	132	1824	129	96	57	235	4325	1470	5795
56248	56613	2074	2075	1311	568	973	198	179	90	131	1823	128	96	57	235	4322	1468	5790
56613	56979	2075	2076	1310	568	972	198	179	90	131	1822	128	96	57	234	4318	1466	5784
56979	57344	2076	2077	1309	567	971	198	178	90	130	1820	128	96	56	234	4314	1464	5778
57344	57709	2077	2078	1308	567	970	198	178	90	130	1819	128	96	56	234	4311	1461	5772
57709	58074	2078	2079	1308	566	969	198	178	89	129	1817	127	96	56	234	4307	1459	5767
58074	58440	2079	2080	1307	566	968	198	177	89	129	1816	127	96	56	233	4304	1457	5761
58440	58805	2080	2081	1306	565	967	197	177	89	128	1815	127	95	56	233	4301	1455	5756
58805	59170	2081	2082	1305	565	966	197	177	89	128	1813	127	95	56	233	4297	1453	5750
59170	59535	2082	2083	1304	564	965	197	176	89	128	1812	126	95	56	233	4294	1451	5745
59535	59901	2083	2084	1303	564	964	197	176	89	127	1810	126	95	56	232	4290	1449	5739
59901	60266	2084	2085	1303	563	963	197	176	88	127	1809	126	95	56	232	4287	1447	5734
60266	60631	2085	2086	1302	563	962	197	175	88	126	1808	125	95	55	232	4284	1445	5728
60631	60996	2086	2087	1301	562	961	197	175	88	126	1806	125	95	55	232	4280	1443	5723
60996	61362	2087	2088	1300	562	960	197	175	88	126	1805	125	95	55	231	4277	1441	5718
61362	61727	2088	2089	1299	561	959	196	174	88	125	1804	125	94	55	231	4274	1438	5712
61727	62092	2089	2090	1298	561	958	196	174	88	125	1802	124	94	55	231	4271	1437	5707
62092	62457	2090	2091	1298	560	957	196	174	88	124	1801	124	94	55	231	4267	1435	5702
62457	62823	2091	2092	1297	560	956	196	173	87	124	1800	124	94	55	230	4264	1433	5697
62823	63188	2092	2093	1296	559	956	196	173	87	124	1799	124	94	55	230	4261	1431	5692
63188	63553	2093	2094	1295	559	955	196	173	87	123	1797	123	94	55	230	4258	1429	5687
63553	63918	2094	2095	1294	558	954	196	172	87	123	1796	123	94	55	230	4255	1427	5682
63918	64284	2095	2096	1294	558	953	196	172	87	122	1795	123	94	54	230	4252	1425	5677
64284	64649	2096	2097	1293	557	952	195	172	87	122	1794	123	94	54	229	4249	1423	5672
64649	65014	2097	2098	1292	557	951	195	171	86	122	1792	123	93	54	229	4246	1421	5667
65014	65379	2098	2099	1291	556	950	195	171	86	121	1791	122	93	54	229	4243	1419	5662
65379	65745	2099	2100	1291	556	950	195	171	86	121	1790	122	93	54	229	4240	1417	5657
65745	66110	2100	2101	1290	556	949	195	171	86	120	1789	122	93	54	228	4236	1416	5652
66110	66475	2101	2102	1289	555	948	195	170	86	120	1788	122	93	54	228	4234	1414	5647
66475	66840	2102	2103	1288	555	947	195	170	86	120	1786	121	93	54	228	4231	1412	5642
66840	67206	2103	2104	1288	554	946	195	170	86	119	1785	121	93	54	228	4228	1410	5638
67206	67571	2104	2105	1287	554	945	194	169	86	119	1784	121	93	54	228	4225	1408	5633
67571	67936	2105	2106	1286	553	945	194	169	85	119	1783	121	93	53	227	4222	1406	5628
67936	68301	2106	2107	1285	553	944	194	169	85	118	1782	120	92	53	227	4219	1405	5624
68301	68667	2107	2108	1285	552	943	194	169	85	118	1780	120	92	53	227	4216	1403	5619
68667	69032	2108	2109	1284	552	942	194	168	85	118	1779	120	92	53	227	4213	1401	5614
69032	69397	2109	2110	1284	552	942	194	168	85	118	1779	120	92	53	227	4213	1401	5614

B-3(S3a). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 3a)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3652*	1920	1930	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.7	0.0	0.0	0.0	0.1	***3.9***	***0.7***	**4.6**
3652	*7305*	1930	1940	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.8	0.0	0.0	0.0	0.1	***3.9***	***0.7***	**4.6**
7305	*14610*	1940	1960	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.8	0.0	0.0	0.0	0.1	***3.9***	***0.7***	**4.6**
14610	*18263*	1960	1970	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.8	0.0	0.0	0.0	0.1	***3.9***	***0.7***	**4.7**
18263	*21915*	1970	1980	0.6	0.3	0.5	1.6	0.1	0.1	0.0	5.3	0.0	0.0	0.0	0.1	***8.2***	***0.7***	**8.9**
21915	*24837*	1980	1988	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.3	0.0	0.0	0.0	0.1	***9.5***	***0.7***	**10.2**
24837	*25202*	1988	1989	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.4	0.0	0.0	0.0	0.1	***9.6***	***0.7***	**10.3**
25202	*25567*	1989	1990	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.5	0.0	0.0	0.0	0.1	***9.7***	***0.7***	**10.4**
25567	*25932*	1990	1991	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.5	0.0	0.0	0.0	0.1	***9.8***	***0.7***	**10.5**
25932	*26298*	1991	1992	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.6	0.0	0.0	0.0	0.1	***9.8***	***0.7***	**10.5**
26298	*26663*	1992	1993	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.6	0.0	0.0	0.0	0.1	***9.9***	***0.7***	**10.6**
26663	*27028*	1993	1994	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.1	***9.9***	***0.7***	**10.6**
27028	*27393*	1994	1995	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.1	***10.0***	***0.7***	**10.7**
27393	*27759*	1995	1996	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.8	0.0	0.0	0.0	0.1	***10.1***	***0.7***	**10.8**
27759	*28124*	1996	1997	0.6	0.3	0.5	1.9	0.1	0.3	0.0	6.8	0.0	0.0	0.0	0.1	***10.1***	***0.7***	**10.9**
28124	*28489*	1997	1998	0.6	0.3	0.5	1.9	0.1	0.3	0.0	6.9	0.0	0.0	0.0	0.1	***10.2***	***0.7***	**10.9**
28489	*28854*	1998	1999	0.6	0.3	0.5	1.8	0.1	0.3	0.0	6.9	0.0	0.0	0.0	0.1	***10.2***	***0.7***	**10.9**
28854	*29220*	1999	2000	0.6	0.3	0.5	1.7	0.1	0.3	0.0	6.9	0.0	0.0	0.0	0.1	***10.1***	***0.7***	**10.8**
29220	*29585*	2000	2001	0.5	0.2	0.3	1.5	0.0	0.1	0.0	6.1	0.0	0.0	0.0	0.0	***8.5***	***0.4***	**8.9**
29585	*29950*	2001	2002	0.5	0.4	0.4	1.5	0.1	0.2	0.0	6.8	0.0	0.0	0.0	0.1	***9.5***	***0.5***	**10.0**
29950	*30315*	2002	2003	0.7	0.5	0.6	1.5	0.2	0.5	0.1	7.8	0.1	0.1	0.0	0.4	***11.5***	***1.0***	**12.5**
30315	*30681*	2003	2004	0.8	0.6	0.8	1.5	0.3	0.6	0.2	8.4	0.1	0.2	0.1	0.6	***12.8***	***1.4***	**14.1**
30681	*31046*	2004	2005	0.6	0.5	0.5	1.3	0.1	0.2	0.0	7.1	0.0	0.1	0.0	0.4	***10.3***	***0.7***	**10.9**
31046	*31411*	2005	2006	0.6	0.5	0.5	1.3	0.1	0.3	0.0	7.1	0.0	0.2	0.0	0.4	***10.4***	***0.7***	**11.1**
31411	*31776*	2006	2007	0.6	0.5	0.5	1.2	0.2	0.3	0.0	7.1	0.0	0.2	0.0	0.4	***10.3***	***0.8***	**11.0**
31776	*32142*	2007	2008	1.0	0.6	0.9	1.3	0.3	0.8	0.3	8.6	0.2	0.4	0.1	0.8	***13.6***	***1.8***	**15.4**
32142	*32507*	2008	2009	1.9	1.0	2.1	1.8	0.8	2.2	1.1	12.9	0.4	0.9	0.2	2.0	***22.7***	***4.7***	**27.5**
32507	*32872*	2009	2010	2.6	1.4	3.0	2.0	1.1	3.0	1.6	16.0	0.6	1.2	0.3	2.8	***29.0***	***6.7***	**35.8**
32872	*33237*	2010	2011	2.1	1.1	2.2	1.7	0.8	1.9	1.1	13.7	0.5	1.0	0.2	2.2	***23.7***	***4.9***	**28.6**
33237	*33603*	2011	2012	1.9	1.0	1.9	1.5	0.7	1.4	0.9	12.5	0.4	0.8	0.2	1.9	***21.1***	***4.1***	**25.1**
33603	*33968*	2012	2013	1.8	0.9	1.7	1.4	0.6	1.1	0.7	11.7	0.4	0.8	0.2	1.7	***19.4***	***3.6***	**23.0**
33968	*34333*	2013	2014	1.7	0.8	1.6	1.3	0.6	0.9	0.6	11.2	0.3	0.7	0.2	1.6	***18.3***	***3.2***	**21.5**
34333	*34698*	2014	2015	1.7	0.8	1.5	1.2	0.5	0.8	0.5	10.7	0.3	0.7	0.1	1.5	***17.4***	***3.0***	**20.4**
34698	*35064*	2015	2016	1.6	0.8	1.4	1.2	0.5	0.7	0.5	10.4	0.3	0.6	0.1	1.5	***16.7***	***2.8***	**19.5**
35064	*35429*	2016	2017	1.6	0.7	1.3	1.1	0.4	0.7	0.4	10.1	0.3	0.6	0.1	1.4	***16.2***	***2.6***	**18.8**
35429	*35794*	2017	2018	1.5	0.7	1.3	1.1	0.4	0.6	0.4	9.8	0.3	0.6	0.1	1.4	***15.7***	***2.5***	**18.2**
35794	*36159*	2018	2019	1.5	0.7	1.2	1.1	0.4	0.6	0.4	9.6	0.3	0.6	0.1	1.3	***15.3***	***2.4***	**17.7**
36159	*36525*	2019	2020	1.5	0.7	1.2	1.0	0.4	0.6	0.3	9.4	0.3	0.5	0.1	1.3	***15.0***	***2.3***	**17.2**
36525	*36890*	2020	2021	1.5	0.7	1.1	1.0	0.4	0.5	0.3	9.2	0.3	0.5	0.1	1.2	***14.7***	***2.2***	**16.9**
36890	*37255*	2021	2022	1.4	0.6	1.1	1.0	0.3	0.5	0.3	9.1	0.2	0.5	0.1	1.2	***14.4***	***2.1***	**16.5**
37255	*37620*	2022	2023	1.4	0.6	1.1	1.0	0.3	0.5	0.3	9.0	0.2	0.5	0.1	1.2	***14.2***	***2.1***	**16.2**
37620	*37986*	2023	2024	1.4	0.6	1.1	1.0	0.3	0.5	0.3	8.8	0.2	0.5	0.1	1.2	***14.0***	***2.0***	**16.0**
37986	*38351*	2024	2025	1.4	0.6	1.1	1.0	0.3	0.5	0.3	8.7	0.2	0.5	0.1	1.2	***13.8***	***2.0***	**15.8**

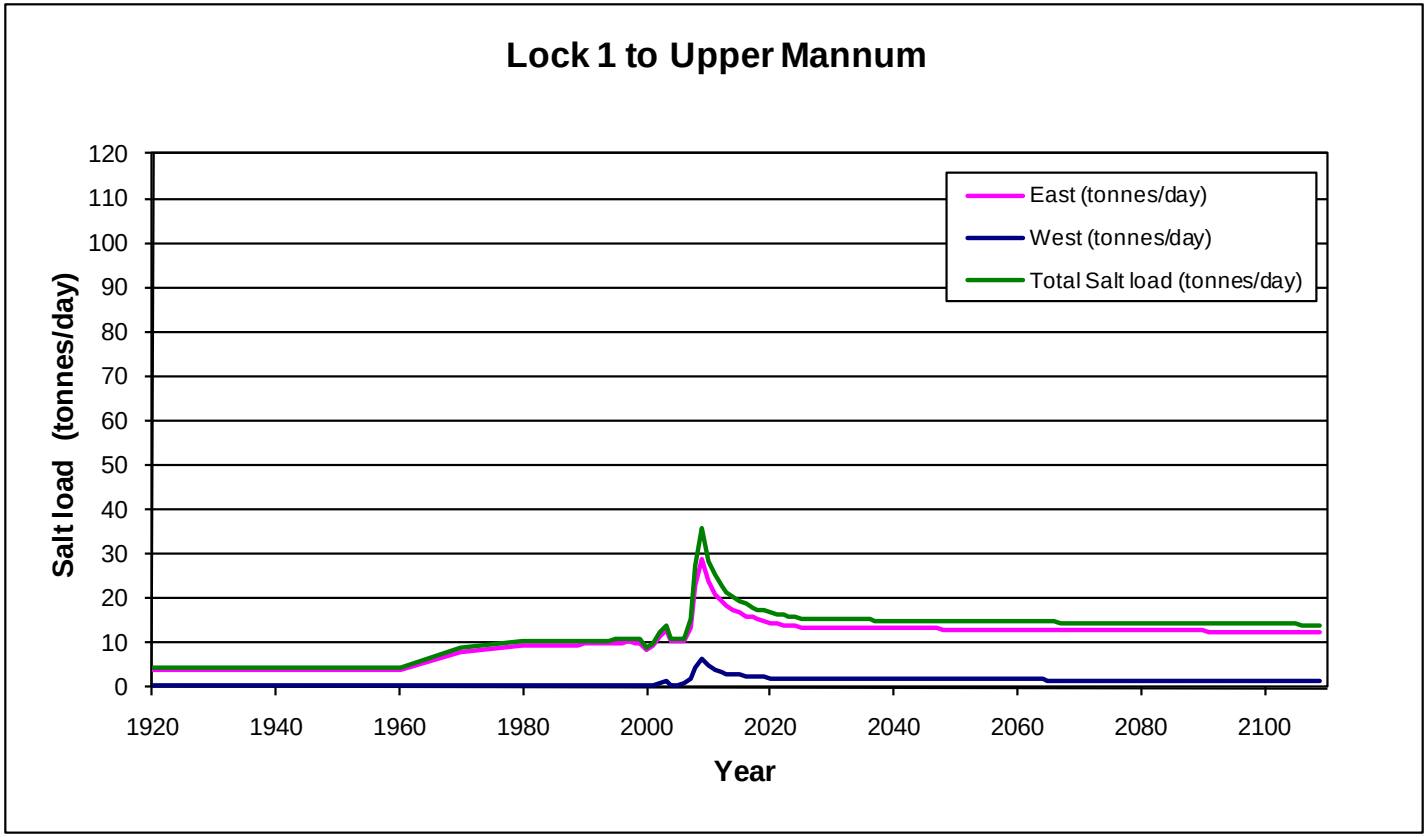
B-3(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 3a)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	1.4	0.6	1.0	0.9	0.3	0.5	0.2	8.7	0.2	0.5	0.1	1.1	13.7	1.9	15.6
38716	39081	2026	2027	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.6	0.2	0.5	0.1	1.1	13.5	1.9	15.4
39081	39447	2027	2028	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.6	0.2	0.5	0.1	1.1	13.5	1.9	15.4
39447	39812	2028	2029	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.6	0.2	0.5	0.1	1.1	13.5	1.9	15.4
39812	40177	2029	2030	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.6	0.2	0.5	0.1	1.1	13.5	1.9	15.3
40177	40542	2030	2031	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.4	1.9	15.3
40542	40908	2031	2032	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.4	1.9	15.3
40908	41273	2032	2033	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.4	1.9	15.3
41273	41638	2033	2034	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.4	1.9	15.3
41638	42003	2034	2035	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.4	1.8	15.2
42003	42369	2035	2036	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.4	1.8	15.2
42369	42734	2036	2037	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.4	1.8	15.2
42734	43099	2037	2038	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.3	1.8	15.2
43099	43464	2038	2039	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.3	1.8	15.2
43464	43830	2039	2040	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.3	1.8	15.1
43830	44195	2040	2041	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.3	1.8	15.1
44195	44560	2041	2042	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.5	0.1	1.1	13.3	1.8	15.1
44560	44925	2042	2043	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.5	0.1	1.1	13.3	1.8	15.1
44925	45291	2043	2044	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.5	0.1	1.1	13.3	1.8	15.1
45291	45656	2044	2045	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.5	0.1	1.1	13.2	1.8	15.1
45656	46021	2045	2046	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.5	0.1	1.1	13.2	1.8	15.0
46021	46386	2046	2047	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.5	0.1	1.1	13.2	1.8	15.0
46386	46752	2047	2048	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.4	0.1	1.1	13.2	1.8	15.0
46752	47117	2048	2049	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.4	0.1	1.1	13.2	1.8	15.0
47117	47482	2049	2050	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.4	0.1	1.1	13.2	1.8	15.0
47482	47847	2050	2051	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.4	0.1	1.1	13.2	1.8	15.0
47847	48213	2051	2052	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.4	0.1	1.1	13.1	1.8	14.9
48213	48578	2052	2053	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.4	0.1	1.1	13.1	1.8	14.9
48578	48943	2053	2054	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.4	0.1	1.1	13.1	1.8	14.9
48943	49308	2054	2055	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.1	1.8	14.9
49308	49674	2055	2056	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.1	1.8	14.9
49674	50039	2056	2057	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.1	1.8	14.9
50039	50404	2057	2058	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.1	1.8	14.8
50404	50769	2058	2059	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.1	1.8	14.8
50769	51135	2059	2060	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.8	14.8
51135	51500	2060	2061	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.8	14.8
51500	51865	2061	2062	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.8	14.8
51865	52230	2062	2063	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.8	14.8
52230	52596	2063	2064	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.7	14.7
52596	52961	2064	2065	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.7	14.7
52961	53326	2065	2066	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.7	14.7
53326	53691	2066	2067	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.7	14.7

B-3(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 3a)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.7
54057	54422	2068	2069	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.7
54422	54787	2069	2070	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.7
54787	55152	2070	2071	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.6
55152	55518	2071	2072	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.6
55518	55883	2072	2073	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.6
55883	56248	2073	2074	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.6
56248	56613	2074	2075	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.6
56613	56979	2075	2076	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.6
56979	57344	2076	2077	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.8	1.7	14.6
57344	57709	2077	2078	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.8	1.7	14.5
57709	58074	2078	2079	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.8	1.7	14.5
58074	58440	2079	2080	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.8	1.7	14.5
58440	58805	2080	2081	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.0	12.8	1.7	14.5
58805	59170	2081	2082	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.0	12.8	1.7	14.5
59170	59535	2082	2083	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.0	12.8	1.7	14.5
59535	59901	2083	2084	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.8	1.7	14.5
59901	60266	2084	2085	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.8	1.7	14.5
60266	60631	2085	2086	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.8	1.7	14.4
60631	60996	2086	2087	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.4
60996	61362	2087	2088	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.4
61362	61727	2088	2089	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.4
61727	62092	2089	2090	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.4
62092	62457	2090	2091	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.4
62457	62823	2091	2092	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.4
62823	63188	2092	2093	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.3
63188	63553	2093	2094	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.3
63553	63918	2094	2095	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.3
63918	64284	2095	2096	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.3
64284	64649	2096	2097	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.6	1.7	14.3
64649	65014	2097	2098	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.6	1.7	14.3
65014	65379	2098	2099	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.6	1.7	14.3
65379	65745	2099	2100	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.6	1.7	14.3
65745	66110	2100	2101	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.6	1.6	14.3
66110	66475	2101	2102	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.6	1.6	14.2
66475	66840	2102	2103	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.6	1.6	14.2
66840	67206	2103	2104	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.6	1.6	14.2
67206	67571	2104	2105	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.6	1.6	14.2
67571	67936	2105	2106	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.6	1.6	14.2
67936	68301	2106	2107	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.6	1.6	14.2
68301	68667	2107	2108	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.5	1.6	14.2
68667	69032	2108	2109	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.5	1.6	14.2
69032	69397	2109	2110	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.5	1.6	14.2
	Salinity (mg/L)			1,000	1,000	1,000	4,500	1,500	4,500	1,500	4,500	1,500	4,500	1,500	4,500			

B-3(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 3a)



B-3(S3a). Graph of modelled salt load (tonnes/day) entering the River Murray in the Lock 1 to Upper Mannum area (Scenario 3a)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	633	137	526	16	80	23	6	609	31	6	13	32	*1455*	*657*	2112
3652	*7305*	1930	1940	632	137	524	16	80	23	6	615	31	6	13	32	*1461*	*656*	2117
7305	*14610*	1940	1960	632	137	521	16	80	23	7	624	32	6	13	32	*1470*	*653*	2123
14610	*18263*	1960	1970	631	137	519	16	81	23	7	629	32	6	13	32	*1475*	*652*	2127
18263	*21915*	1970	1980	631	294	518	358	81	32	7	1177	32	6	13	32	*2531*	*651*	3182
21915	*24837*	1980	1988	631	328	517	405	81	46	7	1408	32	6	13	32	*2857*	*650*	3507
24837	*25202*	1988	1989	631	330	517	407	81	48	7	1425	32	6	13	32	*2880*	*650*	3530
25202	*25567*	1989	1990	631	332	517	409	81	49	7	1439	32	6	13	32	*2899*	*650*	3548
25567	*25932*	1990	1991	631	333	517	411	81	50	7	1454	32	6	13	32	*2918*	*650*	3568
25932	*26298*	1991	1992	631	335	517	413	81	51	7	1463	32	6	13	32	*2931*	*650*	3581
26298	*26663*	1992	1993	631	336	517	414	81	52	7	1473	32	6	13	32	*2945*	*650*	3595
26663	*27028*	1993	1994	631	337	517	415	81	53	7	1482	32	6	13	32	*2956*	*650*	3606
27028	*27393*	1994	1995	631	337	517	416	81	54	7	1489	32	6	13	32	*2966*	*650*	3615
27393	*27759*	1995	1996	631	339	517	418	81	55	7	1506	32	6	13	32	*2988*	*649*	3638
27759	*28124*	1996	1997	631	341	516	420	81	57	7	1522	32	6	13	32	*3009*	*649*	3658
28124	*28489*	1997	1998	631	343	516	421	81	58	7	1537	32	6	13	32	*3029*	*649*	3678
28489	*28854*	1998	1999	631	338	516	411	81	59	7	1543	32	6	13	32	*3021*	*649*	3670
28854	*29220*	1999	2000	631	329	516	386	81	61	7	1537	32	6	13	32	*2982*	*649*	3631
29220	*29585*	2000	2001	461	241	346	341	27	30	0	1357	0	0	4	7	*2437*	*377*	2814
29585	*29950*	2001	2002	513	402	395	329	58	38	0	1506	6	1	5	32	*2821*	*465*	3286
29950	*30315*	2002	2003	706	524	618	337	132	102	46	1723	46	28	24	86	*3505*	*866*	4372
30315	*30681*	2003	2004	842	590	764	337	178	141	107	1857	76	51	38	128	*3947*	*1163*	5110
30681	*31046*	2004	2005	616	462	476	290	90	53	3	1583	27	29	14	84	*3117*	*610*	3728
31046	*31411*	2005	2006	640	464	509	280	100	60	5	1587	31	38	17	92	*3160*	*662*	3822
31411	*31776*	2006	2007	647	452	517	267	101	63	6	1568	32	43	18	96	*3136*	*674*	3810
31776	*32142*	2007	2008	988	609	922	297	225	184	183	1916	106	88	56	180	*4263*	*1493*	5756
32142	*32507*	2008	2009	1895	1038	2125	395	551	487	730	2873	295	200	157	445	*7334*	*3857*	11191
32507	*32872*	2009	2010	2564	1359	2958	455	766	658	1086	3562	425	277	223	632	*9506*	*5458*	14965
32872	*33237*	2010	2011	2144	1097	2220	372	566	422	754	3040	322	216	156	493	*7782*	*4019*	11801
33237	*33603*	2011	2012	1942	976	1888	330	473	311	583	2777	277	187	132	428	*6949*	*3353*	10302
33603	*33968*	2012	2013	1816	897	1688	303	416	248	477	2606	249	169	117	389	*6427*	*2947*	9374
33968	*34333*	2013	2014	1728	841	1551	283	375	209	404	2481	230	156	107	362	*6059*	*2668*	8727
34333	*34698*	2014	2015	1661	797	1451	269	344	182	353	2383	215	147	100	341	*5781*	*2462*	8243
34698	*35064*	2015	2016	1609	763	1373	257	319	164	314	2304	204	139	94	325	*5561*	*2303*	7864
35064	*35429*	2016	2017	1566	734	1311	248	298	151	284	2238	194	133	89	312	*5383*	*2176*	7558
35429	*35794*	2017	2018	1531	711	1260	240	281	140	260	2182	186	128	85	301	*5233*	*2071*	7304
35794	*36159*	2018	2019	1500	691	1217	234	266	132	240	2133	179	124	81	292	*5106*	*1983*	7088
36159	*36525*	2019	2020	1474	673	1180	229	254	125	223	2091	172	120	78	284	*4995*	*1907*	6902
36525	*36890*	2020	2021	1451	658	1149	224	243	120	209	2054	167	117	75	277	*4900*	*1843*	6743
36890	*37255*	2021	2022	1431	645	1122	220	233	115	197	2020	162	114	72	271	*4816*	*1786*	6602
37255	*37620*	2022	2023	1415	634	1101	217	225	111	187	1993	158	111	70	266	*4747*	*1741*	6489
37620	*37986*	2023	2024	1399	624	1080	214	218	108	178	1967	153	109	68	261	*4681*	*1697*	6378
37986	*38351*	2024	2025	1388	616	1066	212	213	105	172	1949	150	107	67	258	*4635*	*1667*	6303

B-3(S3b). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 3b)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	1376	609	1051	210	207	103	165	1929	147	106	65	254	4586	1636	6221
38716	39081	2026	2027	1374	608	1049	209	206	102	164	1926	147	105	65	254	4579	1631	6210
39081	39447	2027	2028	1363	601	1035	207	201	100	158	1908	144	104	63	250	4532	1601	6133
39447	39812	2028	2029	1361	600	1033	207	201	100	157	1905	143	103	63	250	4526	1597	6122
39812	40177	2029	2030	1360	599	1031	207	200	100	157	1903	143	103	63	249	4521	1594	6115
40177	40542	2030	2031	1359	598	1030	207	200	99	156	1901	142	103	63	249	4516	1590	6106
40542	40908	2031	2032	1357	597	1028	206	199	99	155	1899	142	103	63	249	4511	1587	6098
40908	41273	2032	2033	1356	596	1027	206	198	99	155	1897	142	103	63	248	4505	1584	6089
41273	41638	2033	2034	1355	596	1025	206	198	99	154	1895	141	103	62	248	4500	1581	6081
41638	42003	2034	2035	1354	595	1024	206	197	98	153	1893	141	102	62	247	4496	1578	6073
42003	42369	2035	2036	1353	594	1022	205	197	98	153	1891	141	102	62	247	4491	1574	6065
42369	42734	2036	2037	1351	593	1021	205	196	98	152	1889	140	102	62	247	4486	1571	6057
42734	43099	2037	2038	1350	593	1019	205	196	98	151	1887	140	102	62	246	4481	1568	6049
43099	43464	2038	2039	1349	592	1018	205	195	97	151	1885	140	102	62	246	4476	1565	6041
43464	43830	2039	2040	1348	591	1016	205	195	97	150	1883	139	102	61	246	4471	1562	6034
43830	44195	2040	2041	1347	591	1015	204	194	97	150	1881	139	101	61	245	4467	1559	6026
44195	44560	2041	2042	1346	590	1014	204	194	97	149	1880	139	101	61	245	4462	1556	6018
44560	44925	2042	2043	1344	589	1012	204	193	96	148	1878	138	101	61	245	4457	1553	6011
44925	45291	2043	2044	1343	588	1011	204	193	96	148	1876	138	101	61	244	4453	1550	6003
45291	45656	2044	2045	1342	588	1010	204	192	96	147	1874	138	101	61	244	4448	1547	5996
45656	46021	2045	2046	1341	587	1008	203	192	96	147	1872	137	101	61	244	4444	1545	5988
46021	46386	2046	2047	1340	586	1007	203	191	96	146	1870	137	100	60	243	4439	1542	5981
46386	46752	2047	2048	1339	586	1006	203	191	95	145	1869	137	100	60	243	4435	1539	5974
46752	47117	2048	2049	1338	585	1004	203	190	95	145	1867	136	100	60	243	4430	1536	5966
47117	47482	2049	2050	1337	584	1003	203	190	95	144	1865	136	100	60	242	4426	1533	5959
47482	47847	2050	2051	1336	584	1002	203	190	95	144	1863	136	100	60	242	4422	1531	5952
47847	48213	2051	2052	1335	583	1000	202	189	95	143	1862	135	100	60	242	4417	1528	5945
48213	48578	2052	2053	1334	582	999	202	189	94	143	1860	135	99	60	241	4413	1525	5938
48578	48943	2053	2054	1333	582	998	202	188	94	142	1858	135	99	59	241	4409	1523	5931
48943	49308	2054	2055	1332	581	997	202	188	94	142	1856	135	99	59	241	4404	1520	5924
49308	49674	2055	2056	1331	580	995	202	187	94	141	1855	134	99	59	240	4400	1517	5918
49674	50039	2056	2057	1329	580	994	201	187	94	141	1853	134	99	59	240	4396	1515	5911
50039	50404	2057	2058	1328	579	993	201	186	93	140	1851	134	99	59	240	4392	1512	5904
50404	50769	2058	2059	1327	578	992	201	186	93	139	1850	133	99	59	240	4388	1509	5897
50769	51135	2059	2060	1326	578	991	201	186	93	139	1848	133	98	59	239	4384	1507	5891
51135	51500	2060	2061	1325	577	990	201	185	93	138	1846	133	98	59	239	4380	1504	5884
51500	51865	2061	2062	1325	577	988	201	185	93	138	1845	132	98	58	239	4376	1502	5878
51865	52230	2062	2063	1324	576	987	200	184	92	137	1843	132	98	58	238	4372	1499	5871
52230	52596	2063	2064	1323	575	986	200	184	92	137	1842	132	98	58	238	4368	1497	5865
52596	52961	2064	2065	1322	575	985	200	184	92	136	1840	132	98	58	238	4364	1495	5859
52961	53326	2065	2066	1321	574	984	200	183	92	136	1839	131	98	58	238	4360	1492	5852
53326	53691	2066	2067	1320	574	983	200	183	92	135	1837	131	97	58	237	4356	1490	5846

B-3(S3b). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 3b)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	1319	573	982	200	182	91	135	1835	131	97	58	237	4353	1487	5840
54057	54422	2068	2069	1318	573	981	199	182	91	134	1834	130	97	58	237	4349	1485	5834
54422	54787	2069	2070	1317	572	979	199	182	91	134	1832	130	97	57	236	4345	1483	5828
54787	55152	2070	2071	1316	571	978	199	181	91	134	1831	130	97	57	236	4341	1480	5822
55152	55518	2071	2072	1315	571	977	199	181	91	133	1829	130	97	57	236	4338	1478	5816
55518	55883	2072	2073	1314	570	976	199	180	91	133	1828	129	97	57	236	4334	1476	5810
55883	56248	2073	2074	1313	570	975	199	180	90	132	1827	129	96	57	235	4330	1473	5804
56248	56613	2074	2075	1312	569	974	199	180	90	132	1825	129	96	57	235	4327	1471	5798
56613	56979	2075	2076	1311	569	973	198	179	90	131	1824	129	96	57	235	4323	1469	5792
56979	57344	2076	2077	1311	568	972	198	179	90	131	1822	128	96	57	235	4319	1467	5786
57344	57709	2077	2078	1310	568	971	198	179	90	130	1821	128	96	56	234	4316	1464	5780
57709	58074	2078	2079	1309	567	970	198	178	90	130	1819	128	96	56	234	4312	1462	5775
58074	58440	2079	2080	1308	566	969	198	178	89	129	1818	127	96	56	234	4309	1460	5769
58440	58805	2080	2081	1307	566	968	198	178	89	129	1816	127	96	56	234	4305	1458	5763
58805	59170	2081	2082	1306	565	967	198	177	89	129	1815	127	95	56	233	4302	1456	5758
59170	59535	2082	2083	1305	565	966	197	177	89	128	1814	127	95	56	233	4299	1454	5752
59535	59901	2083	2084	1305	564	965	197	176	89	128	1812	126	95	56	233	4295	1452	5747
59901	60266	2084	2085	1304	564	964	197	176	89	127	1811	126	95	56	233	4292	1450	5741
60266	60631	2085	2086	1303	563	963	197	176	88	127	1810	126	95	56	232	4288	1447	5736
60631	60996	2086	2087	1302	563	962	197	175	88	127	1808	126	95	55	232	4285	1445	5731
60996	61362	2087	2088	1301	562	961	197	175	88	126	1807	125	95	55	232	4282	1443	5725
61362	61727	2088	2089	1300	562	961	197	175	88	126	1806	125	95	55	232	4278	1441	5720
61727	62092	2089	2090	1300	561	960	196	174	88	125	1804	125	94	55	231	4275	1439	5715
62092	62457	2090	2091	1299	561	959	196	174	88	125	1803	125	94	55	231	4272	1437	5709
62457	62823	2091	2092	1298	560	958	196	174	88	124	1802	124	94	55	231	4269	1435	5704
62823	63188	2092	2093	1297	560	957	196	173	87	124	1800	124	94	55	231	4266	1433	5699
63188	63553	2093	2094	1296	559	956	196	173	87	124	1799	124	94	55	230	4262	1431	5694
63553	63918	2094	2095	1296	559	955	196	173	87	123	1798	124	94	55	230	4259	1429	5689
63918	64284	2095	2096	1295	558	954	196	173	87	123	1797	123	94	55	230	4256	1428	5684
64284	64649	2096	2097	1294	558	953	196	172	87	123	1795	123	94	54	230	4253	1426	5679
64649	65014	2097	2098	1293	558	952	195	172	87	122	1794	123	94	54	229	4250	1424	5674
65014	65379	2098	2099	1292	557	952	195	172	87	122	1793	123	93	54	229	4247	1422	5669
65379	65745	2099	2100	1292	557	951	195	171	86	121	1792	122	93	54	229	4244	1420	5664
65745	66110	2100	2101	1291	556	950	195	171	86	121	1790	122	93	54	229	4241	1418	5659
66110	66475	2101	2102	1290	556	949	195	171	86	121	1789	122	93	54	229	4238	1416	5654
66475	66840	2102	2103	1289	555	948	195	170	86	120	1788	122	93	54	228	4235	1414	5649
66840	67206	2103	2104	1289	555	947	195	170	86	120	1787	121	93	54	228	4232	1413	5644
67206	67571	2104	2105	1288	554	947	195	170	86	120	1786	121	93	54	228	4229	1411	5640
67571	67936	2105	2106	1287	554	946	194	170	86	119	1784	121	93	54	228	4226	1409	5635
67936	68301	2106	2107	1286	553	945	194	169	85	119	1783	121	93	53	227	4223	1407	5630
68301	68667	2107	2108	1286	553	944	194	169	85	118	1782	120	93	53	227	4220	1405	5625
68667	69032	2108	2109	1285	553	943	194	169	85	118	1781	120	92	53	227	4217	1404	5621
69032	69397	2109	2110	1285	553	943	194	169	85	118	1781	120	92	53	227	4217	1404	5621

B-3(S3b). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 3b)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3652*	1920	1930	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.7	0.0	0.0	0.0	0.1	***3.9***	***0.7***	4.6
3652	*7305*	1930	1940	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.8	0.0	0.0	0.0	0.1	***3.9***	***0.7***	4.6
7305	*14610*	1940	1960	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.8	0.0	0.0	0.0	0.1	***3.9***	***0.7***	4.6
14610	*18263*	1960	1970	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.8	0.0	0.0	0.0	0.1	***3.9***	***0.7***	4.7
18263	*21915*	1970	1980	0.6	0.3	0.5	1.6	0.1	0.1	0.0	5.3	0.0	0.0	0.0	0.1	***8.2***	***0.7***	8.9
21915	*24837*	1980	1988	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.3	0.0	0.0	0.0	0.1	***9.5***	***0.7***	10.2
24837	*25202*	1988	1989	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.4	0.0	0.0	0.0	0.1	***9.6***	***0.7***	10.3
25202	*25567*	1989	1990	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.5	0.0	0.0	0.0	0.1	***9.7***	***0.7***	10.4
25567	*25932*	1990	1991	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.5	0.0	0.0	0.0	0.1	***9.8***	***0.7***	10.5
25932	*26298*	1991	1992	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.6	0.0	0.0	0.0	0.1	***9.8***	***0.7***	10.5
26298	*26663*	1992	1993	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.6	0.0	0.0	0.0	0.1	***9.9***	***0.7***	10.6
26663	*27028*	1993	1994	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.1	***9.9***	***0.7***	10.6
27028	*27393*	1994	1995	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.1	***10.0***	***0.7***	10.7
27393	*27759*	1995	1996	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.8	0.0	0.0	0.0	0.1	***10.1***	***0.7***	10.8
27759	*28124*	1996	1997	0.6	0.3	0.5	1.9	0.1	0.3	0.0	6.8	0.0	0.0	0.0	0.1	***10.1***	***0.7***	10.9
28124	*28489*	1997	1998	0.6	0.3	0.5	1.9	0.1	0.3	0.0	6.9	0.0	0.0	0.0	0.1	***10.2***	***0.7***	10.9
28489	*28854*	1998	1999	0.6	0.3	0.5	1.8	0.1	0.3	0.0	6.9	0.0	0.0	0.0	0.1	***10.2***	***0.7***	10.9
28854	*29220*	1999	2000	0.6	0.3	0.5	1.7	0.1	0.3	0.0	6.9	0.0	0.0	0.0	0.1	***10.1***	***0.7***	10.8
29220	*29585*	2000	2001	0.5	0.2	0.3	1.5	0.0	0.1	0.0	6.1	0.0	0.0	0.0	0.0	***8.5***	***0.4***	8.9
29585	*29950*	2001	2002	0.5	0.4	0.4	1.5	0.1	0.2	0.0	6.8	0.0	0.0	0.0	0.1	***9.5***	***0.5***	10.0
29950	*30315*	2002	2003	0.7	0.5	0.6	1.5	0.2	0.5	0.1	7.8	0.1	0.1	0.0	0.4	***11.5***	***1.0***	12.5
30315	*30681*	2003	2004	0.8	0.6	0.8	1.5	0.3	0.6	0.2	8.4	0.1	0.2	0.1	0.6	***12.8***	***1.4***	14.1
30681	*31046*	2004	2005	0.6	0.5	0.5	1.3	0.1	0.2	0.0	7.1	0.0	0.1	0.0	0.4	***10.3***	***0.7***	10.9
31046	*31411*	2005	2006	0.6	0.5	0.5	1.3	0.1	0.3	0.0	7.1	0.0	0.2	0.0	0.4	***10.4***	***0.7***	11.1
31411	*31776*	2006	2007	0.6	0.5	0.5	1.2	0.2	0.3	0.0	7.1	0.0	0.2	0.0	0.4	***10.3***	***0.8***	11.0
31776	*32142*	2007	2008	1.0	0.6	0.9	1.3	0.3	0.8	0.3	8.6	0.2	0.4	0.1	0.8	***13.6***	***1.8***	15.4
32142	*32507*	2008	2009	1.9	1.0	2.1	1.8	0.8	2.2	1.1	12.9	0.4	0.9	0.2	2.0	***22.7***	***4.7***	27.5
32507	*32872*	2009	2010	2.6	1.4	3.0	2.0	1.1	3.0	1.6	16.0	0.6	1.2	0.3	2.8	***29.0***	***6.7***	35.8
32872	*33237*	2010	2011	2.1	1.1	2.2	1.7	0.8	1.9	1.1	13.7	0.5	1.0	0.2	2.2	***23.7***	***4.9***	28.6
33237	*33603*	2011	2012	1.9	1.0	1.9	1.5	0.7	1.4	0.9	12.5	0.4	0.8	0.2	1.9	***21.1***	***4.1***	25.1
33603	*33968*	2012	2013	1.8	0.9	1.7	1.4	0.6	1.1	0.7	11.7	0.4	0.8	0.2	1.7	***19.4***	***3.6***	23.0
33968	*34333*	2013	2014	1.7	0.8	1.6	1.3	0.6	0.9	0.6	11.2	0.3	0.7	0.2	1.6	***18.3***	***3.2***	21.5
34333	*34698*	2014	2015	1.7	0.8	1.5	1.2	0.5	0.8	0.5	10.7	0.3	0.7	0.1	1.5	***17.4***	***3.0***	20.4
34698	*35064*	2015	2016	1.6	0.8	1.4	1.2	0.5	0.7	0.5	10.4	0.3	0.6	0.1	1.5	***16.7***	***2.8***	19.5
35064	*35429*	2016	2017	1.6	0.7	1.3	1.1	0.4	0.7	0.4	10.1	0.3	0.6	0.1	1.4	***16.2***	***2.6***	18.8
35429	*35794*	2017	2018	1.5	0.7	1.3	1.1	0.4	0.6	0.4	9.8	0.3	0.6	0.1	1.4	***15.7***	***2.5***	18.2
35794	*36159*	2018	2019	1.5	0.7	1.2	1.1	0.4	0.6	0.4	9.6	0.3	0.6	0.1	1.3	***15.3***	***2.4***	17.7
36159	*36525*	2019	2020	1.5	0.7	1.2	1.0	0.4	0.6	0.3	9.4	0.3	0.5	0.1	1.3	***15.0***	***2.3***	17.2
36525	*36890*	2020	2021	1.5	0.7	1.1	1.0	0.4	0.5	0.3	9.2	0.3	0.5	0.1	1.2	***14.7***	***2.2***	16.9
36890	*37255*	2021	2022	1.4	0.6	1.1	1.0	0.3	0.5	0.3	9.1	0.2	0.5	0.1	1.2	***14.4***	***2.1***	16.5
37255	*37620*	2022	2023	1.4	0.6	1.1	1.0	0.3	0.5	0.3	9.0	0.2	0.5	0.1	1.2	***14.2***	***2.1***	16.3
37620	*37986*	2023	2024	1.4	0.6	1.1	1.0	0.3	0.5	0.3	8.9	0.2	0.5	0.1	1.2	***14.0***	***2.0***	16.0
37986	*38351*	2024	2025	1.4	0.6	1.1	1.0	0.3	0.5	0.3	8.8	0.2	0.5	0.1	1.2	***13.8***	***2.0***	15.8

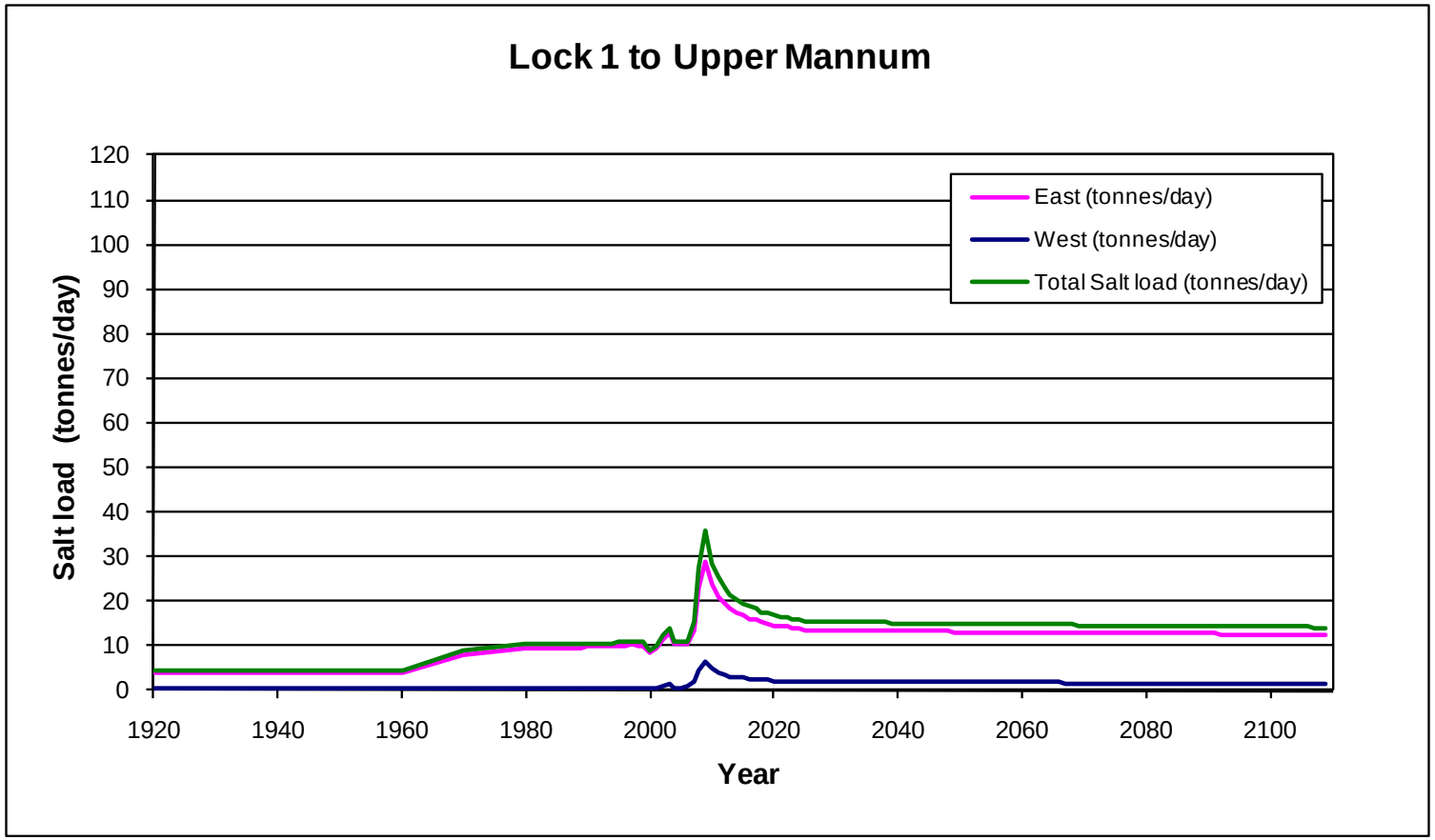
B-3(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 3b)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	1.4	0.6	1.1	0.9	0.3	0.5	0.2	8.7	0.2	0.5	0.1	1.1	13.7	1.9	15.6
38716	39081	2026	2027	1.4	0.6	1.0	0.9	0.3	0.5	0.2	8.7	0.2	0.5	0.1	1.1	13.7	1.9	15.6
39081	39447	2027	2028	1.4	0.6	1.0	0.9	0.3	0.5	0.2	8.6	0.2	0.5	0.1	1.1	13.5	1.9	15.4
39447	39812	2028	2029	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.6	0.2	0.5	0.1	1.1	13.5	1.9	15.4
39812	40177	2029	2030	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.6	0.2	0.5	0.1	1.1	13.5	1.9	15.4
40177	40542	2030	2031	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.6	0.2	0.5	0.1	1.1	13.5	1.9	15.3
40542	40908	2031	2032	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.5	1.9	15.3
40908	41273	2032	2033	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.4	1.9	15.3
41273	41638	2033	2034	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.4	1.9	15.3
41638	42003	2034	2035	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.4	1.9	15.3
42003	42369	2035	2036	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.4	1.9	15.2
42369	42734	2036	2037	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.4	1.8	15.2
42734	43099	2037	2038	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.4	1.8	15.2
43099	43464	2038	2039	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.3	1.8	15.2
43464	43830	2039	2040	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.3	1.8	15.2
43830	44195	2040	2041	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.3	1.8	15.2
44195	44560	2041	2042	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.3	1.8	15.1
44560	44925	2042	2043	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.5	0.1	1.1	13.3	1.8	15.1
44925	45291	2043	2044	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.5	0.1	1.1	13.3	1.8	15.1
45291	45656	2044	2045	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.5	0.1	1.1	13.3	1.8	15.1
45656	46021	2045	2046	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.5	0.1	1.1	13.2	1.8	15.1
46021	46386	2046	2047	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.5	0.1	1.1	13.2	1.8	15.0
46386	46752	2047	2048	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.5	0.1	1.1	13.2	1.8	15.0
46752	47117	2048	2049	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.5	0.1	1.1	13.2	1.8	15.0
47117	47482	2049	2050	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.4	0.1	1.1	13.2	1.8	15.0
47482	47847	2050	2051	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.4	0.1	1.1	13.2	1.8	15.0
47847	48213	2051	2052	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.4	0.1	1.1	13.2	1.8	15.0
48213	48578	2052	2053	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.4	0.1	1.1	13.2	1.8	14.9
48578	48943	2053	2054	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.4	0.1	1.1	13.1	1.8	14.9
48943	49308	2054	2055	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.4	0.1	1.1	13.1	1.8	14.9
49308	49674	2055	2056	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.1	1.8	14.9
49674	50039	2056	2057	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.1	1.8	14.9
50039	50404	2057	2058	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.1	1.8	14.9
50404	50769	2058	2059	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.1	1.8	14.8
50769	51135	2059	2060	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.1	1.8	14.8
51135	51500	2060	2061	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.8	14.8
51500	51865	2061	2062	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.8	14.8
51865	52230	2062	2063	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.8	14.8
52230	52596	2063	2064	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.8	14.8
52596	52961	2064	2065	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.7	14.8
52961	53326	2065	2066	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.7	14.7
53326	53691	2066	2067	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.7	14.7

B-3(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 3b)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.7	14.7
54057	54422	2068	2069	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.7	14.7
54422	54787	2069	2070	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.7
54787	55152	2070	2071	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.7
55152	55518	2071	2072	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.6
55518	55883	2072	2073	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.6
55883	56248	2073	2074	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.6
56248	56613	2074	2075	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.6
56613	56979	2075	2076	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.6
56979	57344	2076	2077	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.6
57344	57709	2077	2078	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.6
57709	58074	2078	2079	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.8	1.7	14.5
58074	58440	2079	2080	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.8	1.7	14.5
58440	58805	2080	2081	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.8	1.7	14.5
58805	59170	2081	2082	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.0	12.8	1.7	14.5
59170	59535	2082	2083	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.0	12.8	1.7	14.5
59535	59901	2083	2084	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.0	12.8	1.7	14.5
59901	60266	2084	2085	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.8	1.7	14.5
60266	60631	2085	2086	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.8	1.7	14.5
60631	60996	2086	2087	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.8	1.7	14.4
60996	61362	2087	2088	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.4
61362	61727	2088	2089	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.4
61727	62092	2089	2090	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.4
62092	62457	2090	2091	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.4
62457	62823	2091	2092	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.4
62823	63188	2092	2093	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.4
63188	63553	2093	2094	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.4
63553	63918	2094	2095	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.3
63918	64284	2095	2096	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.3
64284	64649	2096	2097	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.3
64649	65014	2097	2098	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.6	1.7	14.3
65014	65379	2098	2099	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.6	1.7	14.3
65379	65745	2099	2100	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.6	1.7	14.3
65745	66110	2100	2101	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.6	1.7	14.3
66110	66475	2101	2102	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.6	1.6	14.3
66475	66840	2102	2103	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.6	1.6	14.2
66840	67206	2103	2104	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.6	1.6	14.2
67206	67571	2104	2105	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.6	1.6	14.2
67571	67936	2105	2106	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.6	1.6	14.2
67936	68301	2106	2107	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.6	1.6	14.2
68301	68667	2107	2108	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.6	1.6	14.2
68667	69032	2108	2109	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.5	1.6	14.2
69032	69397	2109	2110	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.5	1.6	14.2
	Salinity (mg/L)			1,000	1,000	1,000	4,500	1,500	4,500	1,500	4,500	1,500	4,500	1,500	4,500			

B-3(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 3b)



B-3(S3b). Graph of modelled salt load (tonnes/day) entering the River Murray in the Lock 1 to Upper Mannum area (Scenario 3b)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	633	137	526	16	80	23	6	609	31	6	13	32	*1455*	*657*	2112
3652	*7305*	1930	1940	632	137	524	16	80	23	6	615	31	6	13	32	*1461*	*656*	2117
7305	*14610*	1940	1960	632	137	521	16	80	23	7	624	32	6	13	32	*1470*	*653*	2123
14610	*18263*	1960	1970	631	137	519	16	81	23	7	629	32	6	13	32	*1475*	*652*	2127
18263	*21915*	1970	1980	631	294	518	358	81	32	7	1177	32	6	13	32	*2531*	*651*	3182
21915	*24837*	1980	1988	631	328	517	405	81	46	7	1408	32	6	13	32	*2857*	*650*	3507
24837	*25202*	1988	1989	631	330	517	407	81	48	7	1425	32	6	13	32	*2880*	*650*	3530
25202	*25567*	1989	1990	631	332	517	409	81	49	7	1439	32	6	13	32	*2899*	*650*	3548
25567	*25932*	1990	1991	631	333	517	411	81	50	7	1454	32	6	13	32	*2918*	*650*	3568
25932	*26298*	1991	1992	631	335	517	413	81	51	7	1463	32	6	13	32	*2931*	*650*	3581
26298	*26663*	1992	1993	631	336	517	414	81	52	7	1473	32	6	13	32	*2945*	*650*	3595
26663	*27028*	1993	1994	631	337	517	415	81	53	7	1482	32	6	13	32	*2956*	*650*	3606
27028	*27393*	1994	1995	631	337	517	416	81	54	7	1489	32	6	13	32	*2966*	*650*	3615
27393	*27759*	1995	1996	631	339	517	418	81	55	7	1506	32	6	13	32	*2988*	*649*	3638
27759	*28124*	1996	1997	631	341	516	420	81	57	7	1522	32	6	13	32	*3009*	*649*	3658
28124	*28489*	1997	1998	631	343	516	421	81	58	7	1537	32	6	13	32	*3029*	*649*	3678
28489	*28854*	1998	1999	631	338	516	411	81	59	7	1543	32	6	13	32	*3021*	*649*	3670
28854	*29220*	1999	2000	631	329	516	386	81	61	7	1537	32	6	13	32	*2982*	*649*	3631
29220	*29585*	2000	2001	461	240	346	341	27	30	0	1357	0	0	4	7	*2436*	*377*	2813
29585	*29950*	2001	2002	513	402	395	329	58	38	0	1506	5	1	5	32	*2821*	*465*	3285
29950	*30315*	2002	2003	706	524	618	337	132	102	46	1723	46	28	24	86	*3506*	*867*	4372
30315	*30681*	2003	2004	842	590	764	337	178	141	107	1857	76	51	38	128	*3947*	*1163*	5110
30681	*31046*	2004	2005	616	462	476	290	90	53	3	1583	27	29	14	84	*3117*	*610*	3727
31046	*31411*	2005	2006	640	464	509	280	100	60	5	1587	31	38	17	92	*3160*	*662*	3822
31411	*31776*	2006	2007	646	452	517	267	101	63	6	1568	32	43	18	96	*3136*	*674*	3810
31776	*32142*	2007	2008	987	609	922	297	225	184	183	1916	106	88	56	180	*4263*	*1493*	5756
32142	*32507*	2008	2009	1894	1038	2125	395	551	487	730	2873	295	200	157	445	*7333*	*3857*	11190
32507	*32872*	2009	2010	2564	1359	2958	455	766	658	1086	3562	425	277	223	632	*9507*	*5458*	14965
32872	*33237*	2010	2011	2144	1098	2221	372	566	422	754	3040	322	216	156	493	*7783*	*4019*	11802
33237	*33603*	2011	2012	1942	976	1888	330	473	311	583	2777	277	187	132	428	*6950*	*3353*	10303
33603	*33968*	2012	2013	1816	897	1688	303	416	248	477	2606	249	169	117	389	*6428*	*2947*	9375
33968	*34333*	2013	2014	1728	841	1551	284	375	209	404	2481	230	156	107	362	*6059*	*2668*	8728
34333	*34698*	2014	2015	1662	797	1451	269	344	182	353	2383	215	147	100	341	*5781*	*2462*	8244
34698	*35064*	2015	2016	1609	763	1373	257	319	164	314	2304	204	139	94	325	*5561*	*2303*	7864
35064	*35429*	2016	2017	1566	735	1311	248	298	151	284	2238	194	133	89	312	*5383*	*2176*	7558
35429	*35794*	2017	2018	1531	711	1260	240	281	140	260	2182	186	128	85	301	*5233*	*2071*	7304
35794	*36159*	2018	2019	1500	691	1217	234	266	132	240	2133	179	124	81	292	*5106*	*1983*	7088
36159	*36525*	2019	2020	1474	673	1181	229	254	125	223	2091	173	120	78	284	*4996*	*1907*	6903
36525	*36890*	2020	2021	1452	658	1150	224	243	120	209	2054	167	117	75	277	*4901*	*1843*	6744
36890	*37255*	2021	2022	1432	646	1124	220	234	115	198	2023	162	114	72	271	*4821*	*1790*	6611
37255	*37620*	2022	2023	1415	634	1101	217	225	111	187	1994	158	111	70	266	*4748*	*1742*	6490
37620	*37986*	2023	2024	1400	624	1081	214	218	108	179	1969	154	109	68	261	*4685*	*1700*	6385
37986	*38351*	2024	2025	1386	615	1064	212	212	105	171	1946	150	107	66	257	*4629*	*1663*	6292

B-3(S3c). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 3c)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	1373	607	1048	209	206	102	164	1925	147	105	65	253	4576	1629	6205
38716	39081	2026	2027	1372	606	1046	209	205	102	163	1923	146	105	65	253	4569	1625	6194
39081	39447	2027	2028	1363	601	1035	207	201	100	158	1908	144	104	63	250	4533	1601	6134
39447	39812	2028	2029	1361	600	1033	207	201	100	157	1906	143	104	63	250	4527	1598	6124
39812	40177	2029	2030	1360	599	1032	207	200	100	157	1904	143	103	63	249	4522	1595	6117
40177	40542	2030	2031	1359	598	1030	207	200	99	156	1902	143	103	63	249	4517	1591	6108
40542	40908	2031	2032	1358	597	1028	206	199	99	155	1900	142	103	63	249	4512	1588	6100
40908	41273	2032	2033	1357	597	1027	206	199	99	155	1898	142	103	63	248	4507	1585	6092
41273	41638	2033	2034	1355	596	1025	206	198	99	154	1896	141	103	62	248	4502	1582	6083
41638	42003	2034	2035	1354	595	1024	206	198	98	154	1894	141	102	62	248	4497	1578	6075
42003	42369	2035	2036	1353	594	1023	206	197	98	153	1892	141	102	62	247	4492	1575	6067
42369	42734	2036	2037	1352	594	1021	205	196	98	152	1890	140	102	62	247	4487	1572	6059
42734	43099	2037	2038	1351	593	1020	205	196	98	152	1888	140	102	62	246	4482	1569	6051
43099	43464	2038	2039	1349	592	1018	205	195	97	151	1886	140	102	62	246	4477	1566	6043
43464	43830	2039	2040	1348	591	1017	205	195	97	150	1884	139	102	62	246	4472	1563	6035
43830	44195	2040	2041	1347	591	1015	204	194	97	150	1882	139	101	61	245	4468	1560	6028
44195	44560	2041	2042	1346	590	1014	204	194	97	149	1880	139	101	61	245	4463	1557	6020
44560	44925	2042	2043	1345	589	1013	204	193	97	149	1878	138	101	61	245	4458	1554	6012
44925	45291	2043	2044	1344	589	1011	204	193	96	148	1876	138	101	61	244	4454	1551	6005
45291	45656	2044	2045	1343	588	1010	204	192	96	147	1874	138	101	61	244	4449	1548	5997
45656	46021	2045	2046	1341	587	1009	204	192	96	147	1873	137	101	61	244	4445	1545	5990
46021	46386	2046	2047	1340	586	1007	203	191	96	146	1871	137	100	60	243	4440	1542	5983
46386	46752	2047	2048	1339	586	1006	203	191	95	146	1869	137	100	60	243	4436	1540	5976
46752	47117	2048	2049	1338	585	1005	203	191	95	145	1867	136	100	60	243	4431	1537	5968
47117	47482	2049	2050	1337	584	1003	203	190	95	144	1865	136	100	60	242	4427	1534	5961
47482	47847	2050	2051	1336	584	1002	203	190	95	144	1864	136	100	60	242	4423	1531	5954
47847	48213	2051	2052	1335	583	1001	202	189	95	143	1862	136	100	60	242	4418	1529	5947
48213	48578	2052	2053	1334	582	999	202	189	94	143	1860	135	99	60	241	4414	1526	5940
48578	48943	2053	2054	1333	582	998	202	188	94	142	1859	135	99	60	241	4410	1523	5933
48943	49308	2054	2055	1332	581	997	202	188	94	142	1857	135	99	59	241	4405	1521	5926
49308	49674	2055	2056	1331	581	996	202	187	94	141	1855	134	99	59	241	4401	1518	5919
49674	50039	2056	2057	1330	580	995	201	187	94	141	1853	134	99	59	240	4397	1515	5912
50039	50404	2057	2058	1329	579	993	201	187	93	140	1852	134	99	59	240	4393	1513	5906
50404	50769	2058	2059	1328	579	992	201	186	93	140	1850	133	99	59	240	4389	1510	5899
50769	51135	2059	2060	1327	578	991	201	186	93	139	1849	133	98	59	239	4385	1508	5893
51135	51500	2060	2061	1326	577	990	201	185	93	139	1847	133	98	59	239	4381	1505	5886
51500	51865	2061	2062	1325	577	989	201	185	93	138	1845	133	98	58	239	4377	1503	5879
51865	52230	2062	2063	1324	576	988	200	184	92	138	1844	132	98	58	238	4373	1500	5873
52230	52596	2063	2064	1323	576	986	200	184	92	137	1842	132	98	58	238	4369	1498	5867
52596	52961	2064	2065	1322	575	985	200	184	92	137	1841	132	98	58	238	4365	1495	5860
52961	53326	2065	2066	1321	574	984	200	183	92	136	1839	131	98	58	238	4361	1493	5854
53326	53691	2066	2067	1320	574	983	200	183	92	136	1837	131	97	58	237	4357	1490	5848

B-3(S3c). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 3c)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	*54057*	2067	2068	1319	573	982	200	182	92	135	1836	131	97	58	237	*4353*	*1488*	5841
54057	*54422*	2068	2069	1318	573	981	200	182	91	135	1834	131	97	58	237	*4350*	*1486*	5835
54422	*54787*	2069	2070	1317	572	980	199	182	91	134	1833	130	97	57	236	*4346*	*1483*	5829
54787	*55152*	2070	2071	1316	572	979	199	181	91	134	1831	130	97	57	236	*4342*	*1481*	5823
55152	*55518*	2071	2072	1315	571	978	199	181	91	133	1830	130	97	57	236	*4338*	*1479*	5817
55518	*55883*	2072	2073	1314	570	977	199	180	91	133	1828	129	97	57	236	*4335*	*1476*	5811
55883	*56248*	2073	2074	1313	570	975	199	180	90	132	1827	129	96	57	235	*4331*	*1474*	5805
56248	*56613*	2074	2075	1313	569	974	199	180	90	132	1825	129	96	57	235	*4328*	*1472*	5799
56613	*56979*	2075	2076	1312	569	973	198	179	90	131	1824	129	96	57	235	*4324*	*1469*	5793
56979	*57344*	2076	2077	1311	568	972	198	179	90	131	1823	128	96	57	235	*4320*	*1467*	5788
57344	*57709*	2077	2078	1310	568	971	198	179	90	130	1821	128	96	57	234	*4317*	*1465*	5782
57709	*58074*	2078	2079	1309	567	970	198	178	90	130	1820	128	96	56	234	*4313*	*1463*	5776
58074	*58440*	2079	2080	1308	567	969	198	178	89	130	1818	127	96	56	234	*4310*	*1461*	5770
58440	*58805*	2080	2081	1307	566	968	198	178	89	129	1817	127	96	56	234	*4306*	*1458*	5765
58805	*59170*	2081	2082	1306	566	967	198	177	89	129	1815	127	95	56	233	*4303*	*1456*	5759
59170	*59535*	2082	2083	1306	565	966	197	177	89	128	1814	127	95	56	233	*4299*	*1454*	5754
59535	*59901*	2083	2084	1305	564	965	197	177	89	128	1813	126	95	56	233	*4296*	*1452*	5748
59901	*60266*	2084	2085	1304	564	964	197	176	89	127	1811	126	95	56	233	*4293*	*1450*	5743
60266	*60631*	2085	2086	1303	563	964	197	176	89	127	1810	126	95	56	232	*4289*	*1448*	5737
60631	*60996*	2086	2087	1302	563	963	197	176	88	127	1809	126	95	56	232	*4286*	*1446*	5732
60996	*61362*	2087	2088	1301	562	962	197	175	88	126	1807	125	95	55	232	*4283*	*1444*	5726
61362	*61727*	2088	2089	1301	562	961	197	175	88	126	1806	125	95	55	232	*4279*	*1442*	5721
61727	*62092*	2089	2090	1300	561	960	197	175	88	125	1805	125	95	55	231	*4276*	*1440*	5716
62092	*62457*	2090	2091	1299	561	959	196	174	88	125	1803	125	94	55	231	*4273*	*1438*	5711
62457	*62823*	2091	2092	1298	560	958	196	174	88	125	1802	124	94	55	231	*4270*	*1436*	5705
62823	*63188*	2092	2093	1297	560	957	196	174	87	124	1801	124	94	55	231	*4266*	*1434*	5700
63188	*63553*	2093	2094	1297	560	956	196	173	87	124	1799	124	94	55	230	*4263*	*1432*	5695
63553	*63918*	2094	2095	1296	559	955	196	173	87	123	1798	124	94	55	230	*4260*	*1430*	5690
63918	*64284*	2095	2096	1295	559	954	196	173	87	123	1797	123	94	55	230	*4257*	*1428*	5685
64284	*64649*	2096	2097	1294	558	954	196	172	87	123	1796	123	94	54	230	*4254*	*1426*	5680
64649	*65014*	2097	2098	1293	558	953	195	172	87	122	1794	123	94	54	229	*4251*	*1424*	5675
65014	*65379*	2098	2099	1293	557	952	195	172	87	122	1793	123	93	54	229	*4248*	*1422*	5670
65379	*65745*	2099	2100	1292	557	951	195	171	86	121	1792	122	93	54	229	*4244*	*1420*	5665
65745	*66110*	2100	2101	1291	556	950	195	171	86	121	1791	122	93	54	229	*4242*	*1419*	5660
66110	*66475*	2101	2102	1290	556	949	195	171	86	121	1790	122	93	54	229	*4238*	*1417*	5655
66475	*66840*	2102	2103	1290	555	948	195	170	86	120	1788	122	93	54	228	*4236*	*1415*	5650
66840	*67206*	2103	2104	1289	555	948	195	170	86	120	1787	121	93	54	228	*4232*	*1413*	5646
67206	*67571*	2104	2105	1288	554	947	195	170	86	120	1786	121	93	54	228	*4230*	*1411*	5641
67571	*67936*	2105	2106	1287	554	946	195	170	86	119	1785	121	93	54	228	*4227*	*1409*	5636
67936	*68301*	2106	2107	1287	554	945	194	169	85	119	1784	121	93	54	227	*4224*	*1408*	5631
68301	*68667*	2107	2108	1286	553	944	194	169	85	119	1782	121	93	53	227	*4221*	*1406*	5627
68667	*69032*	2108	2109	1285	553	944	194	169	85	118	1781	120	92	53	227	*4218*	*1404*	5622
69032	*69397*	2109	2110	1285	553	944	194	169	85	118	1781	120	92	53	227	*4218*	*1404*	5622

B-3(S3c). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 3c)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	3652	1920	1930	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.7	0.0	0.0	0.0	0.1	3.9	0.7	4.6
3652	7305	1930	1940	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.8	0.0	0.0	0.0	0.1	3.9	0.7	4.6
7305	14610	1940	1960	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.8	0.0	0.0	0.0	0.1	3.9	0.7	4.6
14610	18263	1960	1970	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.8	0.0	0.0	0.0	0.1	3.9	0.7	4.7
18263	21915	1970	1980	0.6	0.3	0.5	1.6	0.1	0.1	0.0	5.3	0.0	0.0	0.0	0.1	8.2	0.7	8.9
21915	24837	1980	1988	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.3	0.0	0.0	0.0	0.1	9.5	0.7	10.2
24837	25202	1988	1989	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.4	0.0	0.0	0.0	0.1	9.6	0.7	10.3
25202	25567	1989	1990	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.5	0.0	0.0	0.0	0.1	9.7	0.7	10.4
25567	25932	1990	1991	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.5	0.0	0.0	0.0	0.1	9.8	0.7	10.5
25932	26298	1991	1992	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.6	0.0	0.0	0.0	0.1	9.8	0.7	10.5
26298	26663	1992	1993	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.6	0.0	0.0	0.0	0.1	9.9	0.7	10.6
26663	27028	1993	1994	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.1	9.9	0.7	10.6
27028	27393	1994	1995	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.1	10.0	0.7	10.7
27393	27759	1995	1996	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.8	0.0	0.0	0.0	0.1	10.1	0.7	10.8
27759	28124	1996	1997	0.6	0.3	0.5	1.9	0.1	0.3	0.0	6.8	0.0	0.0	0.0	0.1	10.1	0.7	10.9
28124	28489	1997	1998	0.6	0.3	0.5	1.9	0.1	0.3	0.0	6.9	0.0	0.0	0.0	0.1	10.2	0.7	10.9
28489	28854	1998	1999	0.6	0.3	0.5	1.8	0.1	0.3	0.0	6.9	0.0	0.0	0.0	0.1	10.2	0.7	10.9
28854	29220	1999	2000	0.6	0.3	0.5	1.7	0.1	0.3	0.0	6.9	0.0	0.0	0.0	0.1	10.1	0.7	10.8
29220	29585	2000	2001	0.5	0.2	0.3	1.5	0.0	0.1	0.0	6.1	0.0	0.0	0.0	0.0	8.5	0.4	8.9
29585	29950	2001	2002	0.5	0.4	0.4	1.5	0.1	0.2	0.0	6.8	0.0	0.0	0.0	0.1	9.5	0.5	10.0
29950	30315	2002	2003	0.7	0.5	0.6	1.5	0.2	0.5	0.1	7.8	0.1	0.1	0.0	0.4	11.5	1.0	12.5
30315	30681	2003	2004	0.8	0.6	0.8	1.5	0.3	0.6	0.2	8.4	0.1	0.2	0.1	0.6	12.8	1.4	14.1
30681	31046	2004	2005	0.6	0.5	0.5	1.3	0.1	0.2	0.0	7.1	0.0	0.1	0.0	0.4	10.3	0.7	10.9
31046	31411	2005	2006	0.6	0.5	0.5	1.3	0.1	0.3	0.0	7.1	0.0	0.2	0.0	0.4	10.4	0.7	11.1
31411	31776	2006	2007	0.6	0.5	0.5	1.2	0.2	0.3	0.0	7.1	0.0	0.2	0.0	0.4	10.3	0.8	11.0
31776	32142	2007	2008	1.0	0.6	0.9	1.3	0.3	0.8	0.3	8.6	0.2	0.4	0.1	0.8	13.6	1.8	15.4
32142	32507	2008	2009	1.9	1.0	2.1	1.8	0.8	2.2	1.1	12.9	0.4	0.9	0.2	2.0	22.7	4.7	27.5
32507	32872	2009	2010	2.6	1.4	3.0	2.0	1.1	3.0	1.6	16.0	0.6	1.2	0.3	2.8	29.0	6.7	35.8
32872	33237	2010	2011	2.1	1.1	2.2	1.7	0.8	1.9	1.1	13.7	0.5	1.0	0.2	2.2	23.7	4.9	28.6
33237	33603	2011	2012	1.9	1.0	1.9	1.5	0.7	1.4	0.9	12.5	0.4	0.8	0.2	1.9	21.1	4.1	25.1
33603	33968	2012	2013	1.8	0.9	1.7	1.4	0.6	1.1	0.7	11.7	0.4	0.8	0.2	1.7	19.4	3.6	23.0
33968	34333	2013	2014	1.7	0.8	1.6	1.3	0.6	0.9	0.6	11.2	0.3	0.7	0.2	1.6	18.3	3.2	21.5
34333	34698	2014	2015	1.7	0.8	1.5	1.2	0.5	0.8	0.5	10.7	0.3	0.7	0.1	1.5	17.4	3.0	20.4
34698	35064	2015	2016	1.6	0.8	1.4	1.2	0.5	0.7	0.5	10.4	0.3	0.6	0.1	1.5	16.7	2.8	19.5
35064	35429	2016	2017	1.6	0.7	1.3	1.1	0.4	0.7	0.4	10.1	0.3	0.6	0.1	1.4	16.2	2.6	18.8
35429	35794	2017	2018	1.5	0.7	1.3	1.1	0.4	0.6	0.4	9.8	0.3	0.6	0.1	1.4	15.7	2.5	18.2
35794	36159	2018	2019	1.5	0.7	1.2	1.1	0.4	0.6	0.4	9.6	0.3	0.6	0.1	1.3	15.3	2.4	17.7
36159	36525	2019	2020	1.5	0.7	1.2	1.0	0.4	0.6	0.3	9.4	0.3	0.5	0.1	1.3	15.0	2.3	17.2
36525	36890	2020	2021	1.5	0.7	1.1	1.0	0.4	0.5	0.3	9.2	0.3	0.5	0.1	1.2	14.7	2.2	16.9
36890	37255	2021	2022	1.4	0.6	1.1	1.0	0.4	0.5	0.3	9.1	0.2	0.5	0.1	1.2	14.4	2.1	16.5
37255	37620	2022	2023	1.4	0.6	1.1	1.0	0.3	0.5	0.3	9.0	0.2	0.5	0.1	1.2	14.2	2.1	16.3
37620	37986	2023	2024	1.4	0.6	1.1	1.0	0.3	0.5	0.3	8.9	0.2	0.5	0.1	1.2	14.0	2.0	16.0
37986	38351	2024	2025	1.4	0.6	1.1	1.0	0.3	0.5	0.3	8.8	0.2	0.5	0.1	1.2	13.8	2.0	15.8

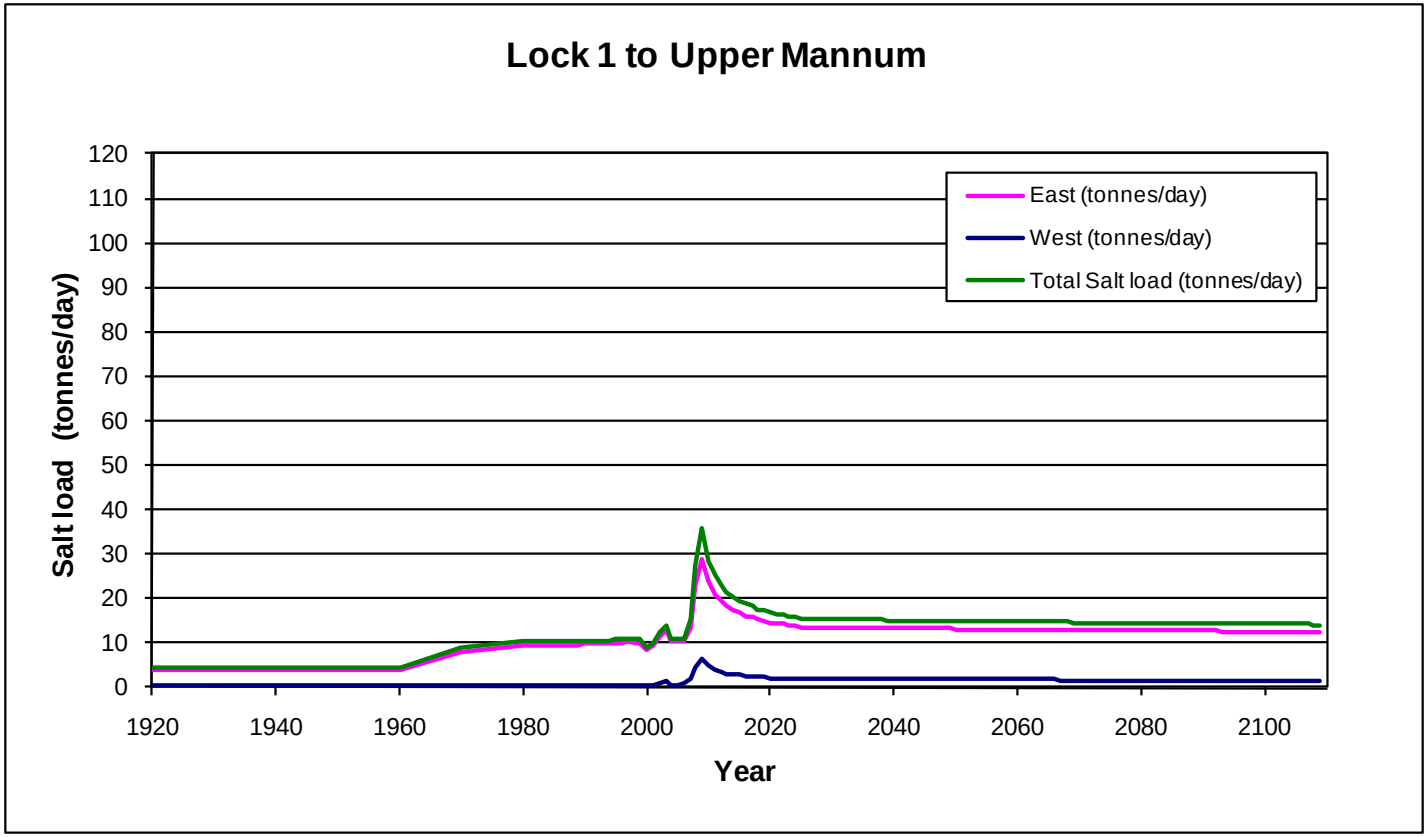
B-3(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 3c)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	1.4	0.6	1.0	0.9	0.3	0.5	0.2	8.7	0.2	0.5	0.1	1.1	13.7	1.9	15.6
38716	39081	2026	2027	1.4	0.6	1.0	0.9	0.3	0.5	0.2	8.7	0.2	0.5	0.1	1.1	13.6	1.9	15.6
39081	39447	2027	2028	1.4	0.6	1.0	0.9	0.3	0.5	0.2	8.6	0.2	0.5	0.1	1.1	13.5	1.9	15.4
39447	39812	2028	2029	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.6	0.2	0.5	0.1	1.1	13.5	1.9	15.4
39812	40177	2029	2030	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.6	0.2	0.5	0.1	1.1	13.5	1.9	15.4
40177	40542	2030	2031	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.6	0.2	0.5	0.1	1.1	13.5	1.9	15.3
40542	40908	2031	2032	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.5	1.9	15.3
40908	41273	2032	2033	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.4	1.9	15.3
41273	41638	2033	2034	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.4	1.9	15.3
41638	42003	2034	2035	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.4	1.9	15.3
42003	42369	2035	2036	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.4	1.9	15.2
42369	42734	2036	2037	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.4	1.8	15.2
42734	43099	2037	2038	1.4	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.4	1.8	15.2
43099	43464	2038	2039	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.4	1.8	15.2
43464	43830	2039	2040	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.3	1.8	15.2
43830	44195	2040	2041	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.3	1.8	15.2
44195	44560	2041	2042	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.3	1.8	15.1
44560	44925	2042	2043	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.5	0.2	0.5	0.1	1.1	13.3	1.8	15.1
44925	45291	2043	2044	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.5	0.1	1.1	13.3	1.8	15.1
45291	45656	2044	2045	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.5	0.1	1.1	13.3	1.8	15.1
45656	46021	2045	2046	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.5	0.1	1.1	13.3	1.8	15.1
46021	46386	2046	2047	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.5	0.1	1.1	13.2	1.8	15.0
46386	46752	2047	2048	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.5	0.1	1.1	13.2	1.8	15.0
46752	47117	2048	2049	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.5	0.1	1.1	13.2	1.8	15.0
47117	47482	2049	2050	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.4	0.1	1.1	13.2	1.8	15.0
47482	47847	2050	2051	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.4	0.1	1.1	13.2	1.8	15.0
47847	48213	2051	2052	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.4	0.1	1.1	13.2	1.8	15.0
48213	48578	2052	2053	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.4	0.1	1.1	13.2	1.8	14.9
48578	48943	2053	2054	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.4	0.1	1.1	13.1	1.8	14.9
48943	49308	2054	2055	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.4	0.2	0.4	0.1	1.1	13.1	1.8	14.9
49308	49674	2055	2056	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.1	1.8	14.9
49674	50039	2056	2057	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.1	1.8	14.9
50039	50404	2057	2058	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.1	1.8	14.9
50404	50769	2058	2059	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.1	1.8	14.8
50769	51135	2059	2060	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.1	1.8	14.8
51135	51500	2060	2061	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.1	1.8	14.8
51500	51865	2061	2062	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.8	14.8
51865	52230	2062	2063	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.8	14.8
52230	52596	2063	2064	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.8	14.8
52596	52961	2064	2065	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.8	14.8
52961	53326	2065	2066	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.7	14.7
53326	53691	2066	2067	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.7	14.7

B-3(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 3c)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.7	14.7
54057	54422	2068	2069	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.3	0.2	0.4	0.1	1.1	13.0	1.7	14.7
54422	54787	2069	2070	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.7
54787	55152	2070	2071	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.7
55152	55518	2071	2072	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.7
55518	55883	2072	2073	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.6
55883	56248	2073	2074	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.6
56248	56613	2074	2075	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.6
56613	56979	2075	2076	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.6
56979	57344	2076	2077	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.6
57344	57709	2077	2078	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.9	1.7	14.6
57709	58074	2078	2079	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.8	1.7	14.6
58074	58440	2079	2080	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.8	1.7	14.5
58440	58805	2080	2081	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.1	12.8	1.7	14.5
58805	59170	2081	2082	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.0	12.8	1.7	14.5
59170	59535	2082	2083	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.0	12.8	1.7	14.5
59535	59901	2083	2084	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.0	12.8	1.7	14.5
59901	60266	2084	2085	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.2	0.2	0.4	0.1	1.0	12.8	1.7	14.5
60266	60631	2085	2086	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.8	1.7	14.5
60631	60996	2086	2087	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.8	1.7	14.4
60996	61362	2087	2088	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.4
61362	61727	2088	2089	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.4
61727	62092	2089	2090	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.4
62092	62457	2090	2091	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.4
62457	62823	2091	2092	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.4
62823	63188	2092	2093	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.4
63188	63553	2093	2094	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.4
63553	63918	2094	2095	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.3
63918	64284	2095	2096	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.3
64284	64649	2096	2097	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.7	1.7	14.3
64649	65014	2097	2098	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.6	1.7	14.3
65014	65379	2098	2099	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.6	1.7	14.3
65379	65745	2099	2100	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.6	1.7	14.3
65745	66110	2100	2101	1.3	0.6	1.0	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.6	1.7	14.3
66110	66475	2101	2102	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.1	0.2	0.4	0.1	1.0	12.6	1.7	14.3
66475	66840	2102	2103	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.6	1.6	14.3
66840	67206	2103	2104	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.6	1.6	14.2
67206	67571	2104	2105	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.6	1.6	14.2
67571	67936	2105	2106	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.6	1.6	14.2
67936	68301	2106	2107	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.6	1.6	14.2
68301	68667	2107	2108	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.6	1.6	14.2
68667	69032	2108	2109	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.5	1.6	14.2
69032	69397	2109	2110	1.3	0.6	0.9	0.9	0.3	0.4	0.2	8.0	0.2	0.4	0.1	1.0	12.5	1.6	14.2
	Salinity (mg/L)			1,000	1,000	1,000	4,500	1,500	4,500	1,500	4,500	1,500	4,500	1,500	4,500			

B-3(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 3c)



B-3(S3c). Graph of modelled salt load (tonnes/day) entering the River Murray in the Lock 1 to Upper Mannum area (Scenario 3c)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	633	137	526	16	80	23	6	609	31	6	13	32	*1455*	*657*	2112
3652	*7305*	1930	1940	632	137	524	16	80	23	6	615	31	6	13	32	*1461*	*656*	2117
7305	*14610*	1940	1960	632	137	521	16	80	23	7	624	32	6	13	32	*1470*	*653*	2123
14610	*18263*	1960	1970	631	137	519	16	81	23	7	629	32	6	13	32	*1475*	*652*	2127
18263	*21915*	1970	1980	631	294	518	358	81	32	7	1177	32	6	13	32	*2531*	*651*	3182
21915	*24837*	1980	1988	631	328	517	405	81	46	7	1408	32	6	13	32	*2857*	*650*	3507
24837	*25202*	1988	1989	631	330	517	407	81	48	7	1425	32	6	13	32	*2880*	*650*	3530
25202	*25567*	1989	1990	631	332	517	409	81	49	7	1439	32	6	13	32	*2899*	*650*	3548
25567	*25932*	1990	1991	631	333	517	411	81	50	7	1454	32	6	13	32	*2918*	*650*	3568
25932	*26298*	1991	1992	631	335	517	413	81	51	7	1463	32	6	13	32	*2931*	*650*	3581
26298	*26663*	1992	1993	631	336	517	414	81	52	7	1473	32	6	13	32	*2945*	*650*	3595
26663	*27028*	1993	1994	631	337	517	415	81	53	7	1482	32	6	13	32	*2956*	*650*	3606
27028	*27393*	1994	1995	631	337	517	416	81	54	7	1489	32	6	13	32	*2966*	*650*	3615
27393	*27759*	1995	1996	631	339	517	418	81	55	7	1506	32	6	13	32	*2988*	*649*	3638
27759	*28124*	1996	1997	631	341	516	420	81	57	7	1522	32	6	13	32	*3009*	*649*	3658
28124	*28489*	1997	1998	631	343	516	421	81	58	7	1537	32	6	13	32	*3029*	*649*	3678
28489	*28854*	1998	1999	631	338	516	411	81	59	7	1543	32	6	13	32	*3021*	*649*	3670
28854	*29220*	1999	2000	631	329	516	386	81	61	7	1537	32	6	13	32	*2982*	*649*	3631
29220	*29585*	2000	2001	461	240	346	341	27	30	0	1357	0	0	4	7	*2436*	*377*	2813
29585	*29950*	2001	2002	513	402	395	329	58	38	0	1506	5	1	5	32	*2821*	*465*	3285
29950	*30315*	2002	2003	706	524	618	337	132	102	46	1723	46	28	24	86	*3506*	*867*	4372
30315	*30681*	2003	2004	842	590	764	337	178	141	107	1857	76	51	38	128	*3947*	*1163*	5110
30681	*31046*	2004	2005	616	462	476	290	90	53	3	1583	27	29	14	84	*3117*	*610*	3727
31046	*31411*	2005	2006	640	464	509	280	100	60	5	1587	31	38	17	92	*3160*	*662*	3822
31411	*31776*	2006	2007	646	452	517	267	101	63	6	1568	32	43	18	96	*3136*	*674*	3810
31776	*32142*	2007	2008	987	609	922	297	225	184	183	1916	106	88	56	180	*4263*	*1493*	5756
32142	*32507*	2008	2009	1894	1038	2125	395	551	487	730	2873	295	200	157	445	*7333*	*3857*	11190
32507	*32872*	2009	2010	2564	1359	2958	455	766	658	1086	3562	425	277	223	632	*9507*	*5458*	14965
32872	*33237*	2010	2011	2144	1098	2221	372	566	422	754	3040	322	216	156	493	*7783*	*4019*	11802
33237	*33603*	2011	2012	1942	976	1888	330	473	311	583	2777	277	187	132	428	*6950*	*3353*	10303
33603	*33968*	2012	2013	1816	897	1688	303	416	248	477	2606	249	169	117	389	*6428*	*2947*	9375
33968	*34333*	2013	2014	1728	841	1551	284	375	209	404	2481	230	156	107	362	*6059*	*2668*	8728
34333	*34698*	2014	2015	1662	797	1451	269	344	182	353	2383	215	147	100	341	*5781*	*2462*	8244
34698	*35064*	2015	2016	1609	763	1373	257	319	164	314	2304	204	139	94	325	*5561*	*2303*	7864
35064	*35429*	2016	2017	1566	735	1311	248	298	151	284	2238	194	133	89	312	*5383*	*2176*	7558
35429	*35794*	2017	2018	1531	711	1260	240	281	140	260	2182	186	128	85	301	*5233*	*2071*	7304
35794	*36159*	2018	2019	1500	691	1217	234	266	132	240	2133	179	124	81	292	*5106*	*1983*	7088
36159	*36525*	2019	2020	1474	673	1181	229	254	125	223	2091	173	120	78	284	*4996*	*1907*	6903
36525	*36890*	2020	2021	1452	658	1150	224	243	120	209	2054	167	117	75	277	*4901*	*1843*	6744
36890	*37255*	2021	2022	1432	646	1124	220	234	115	198	2023	162	114	72	271	*4821*	*1790*	6611
37255	*37620*	2022	2023	1415	634	1101	217	225	111	187	1994	158	111	70	266	*4748*	*1742*	6490
37620	*37986*	2023	2024	1400	624	1081	214	218	108	179	1969	154	109	68	261	*4685*	*1700*	6385
37986	*38351*	2024	2025	1387	615	1064	212	215	105	196	1995	150	107	67	260	*4679*	*1691*	6370

B-3(S4). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 4)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	1375	606	1048	210	210	102	198	1981	146	106	66	259	4639	1668	6307
38716	39081	2026	2027	1365	599	1034	210	205	101	196	1975	142	110	65	274	4633	1641	6275
39081	39447	2027	2028	1356	593	1020	211	200	100	192	1966	139	119	64	277	4619	1615	6234
39447	39812	2028	2029	1347	587	1008	213	196	101	187	1955	136	127	63	277	4608	1590	6198
39812	40177	2029	2030	1340	583	997	217	192	100	183	1945	133	134	62	277	4596	1566	6162
40177	40542	2030	2031	1333	582	990	226	188	106	184	1949	131	141	61	285	4621	1554	6175
40542	40908	2031	2032	1326	581	981	233	185	108	182	1948	128	147	60	289	4631	1536	6167
40908	41273	2032	2033	1321	580	973	244	186	125	191	1975	126	152	59	299	4696	1534	6230
41273	41638	2033	2034	1317	579	964	253	185	128	194	1989	123	158	58	302	4726	1526	6252
41638	42003	2034	2035	1315	578	957	259	183	130	194	1993	121	162	58	303	4742	1514	6255
42003	42369	2035	2036	1317	581	950	266	186	149	196	2011	120	167	57	343	4833	1509	6343
42369	42734	2036	2037	1328	583	944	270	186	159	196	2016	118	172	57	381	4909	1500	6409
42734	43099	2037	2038	1341	584	938	274	184	163	195	2019	117	176	56	412	4969	1490	6459
43099	43464	2038	2039	1352	585	932	278	183	166	194	2021	115	180	56	437	5019	1479	6498
43464	43830	2039	2040	1361	585	927	281	181	167	192	2025	114	185	55	458	5062	1469	6531
43830	44195	2040	2041	1369	585	921	283	180	168	191	2028	112	189	55	477	5099	1459	6558
44195	44560	2041	2042	1376	585	916	285	178	169	189	2032	111	193	54	494	5133	1449	6582
44560	44925	2042	2043	1381	584	912	287	177	169	188	2036	110	197	54	509	5164	1440	6604
44925	45291	2043	2044	1385	584	907	289	175	169	187	2040	108	201	53	524	5192	1431	6623
45291	45656	2044	2045	1389	583	903	290	174	170	185	2045	107	206	53	537	5219	1422	6641
45656	46021	2045	2046	1392	582	899	291	173	170	184	2050	106	210	53	549	5243	1414	6657
46021	46386	2046	2047	1394	582	895	292	172	170	182	2055	104	214	52	560	5266	1406	6673
46386	46752	2047	2048	1396	581	892	293	170	170	181	2060	103	218	52	571	5289	1399	6687
46752	47117	2048	2049	1398	580	888	294	169	170	180	2065	102	222	52	581	5310	1391	6701
47117	47482	2049	2050	1399	579	885	295	168	171	179	2071	101	225	51	591	5330	1384	6714
47482	47847	2050	2051	1400	578	882	295	167	171	177	2076	100	229	51	600	5349	1378	6727
47847	48213	2051	2052	1401	577	879	296	166	171	176	2081	99	232	51	609	5368	1371	6739
48213	48578	2052	2053	1402	576	876	296	166	171	175	2087	98	236	51	617	5385	1365	6751
48578	48943	2053	2054	1403	575	873	296	165	171	174	2092	97	239	50	625	5403	1359	6762
48943	49308	2054	2055	1403	575	871	297	164	171	173	2098	96	242	50	633	5419	1354	6773
49308	49674	2055	2056	1404	574	868	297	163	172	172	2103	95	246	50	640	5435	1348	6784
49674	50039	2056	2057	1404	573	866	297	162	172	171	2109	94	249	50	647	5451	1343	6794
50039	50404	2057	2058	1405	572	864	298	162	172	170	2114	94	252	49	654	5466	1338	6804
50404	50769	2058	2059	1405	571	861	298	161	172	169	2120	93	254	49	661	5481	1334	6814
50769	51135	2059	2060	1405	570	859	298	160	172	168	2126	92	257	49	667	5495	1329	6824
51135	51500	2060	2061	1405	570	857	298	160	172	167	2131	91	260	49	674	5509	1325	6834
51500	51865	2061	2062	1405	569	855	298	159	172	167	2137	91	263	49	680	5523	1320	6843
51865	52230	2062	2063	1405	568	854	298	158	172	166	2142	90	265	49	685	5536	1316	6852
52230	52596	2063	2064	1405	567	852	298	158	172	165	2148	89	268	48	691	5549	1312	6861
52596	52961	2064	2065	1405	567	850	299	157	172	164	2153	89	270	48	696	5562	1308	6870
52961	53326	2065	2066	1405	566	848	299	157	173	164	2159	88	272	48	702	5574	1305	6879
53326	53691	2066	2067	1404	565	847	299	156	173	163	2164	88	275	48	707	5586	1301	6888

B-3(S4). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 4)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	1404	565	845	299	156	173	162	2169	87	277	48	712	5598	1298	6896
54057	54422	2068	2069	1404	564	844	299	155	173	162	2175	86	279	48	717	5610	1295	6904
54422	54787	2069	2070	1404	563	842	299	155	173	161	2180	86	281	48	722	5621	1291	6913
54787	55152	2070	2071	1404	563	841	299	154	173	160	2185	85	283	47	726	5632	1288	6921
55152	55518	2071	2072	1404	562	839	299	154	173	160	2191	85	285	47	731	5644	1285	6929
55518	55883	2072	2073	1403	561	838	299	153	173	159	2196	84	287	47	735	5655	1282	6937
55883	56248	2073	2074	1403	561	837	299	153	173	159	2201	84	289	47	740	5665	1280	6945
56248	56613	2074	2075	1403	560	836	299	153	173	158	2206	83	291	47	744	5676	1277	6953
56613	56979	2075	2076	1403	560	834	299	152	173	158	2211	83	293	47	748	5686	1274	6960
56979	57344	2076	2077	1402	559	833	299	152	173	157	2216	83	294	47	752	5696	1272	6968
57344	57709	2077	2078	1402	559	832	299	152	173	157	2221	82	296	47	756	5706	1269	6975
57709	58074	2078	2079	1402	558	831	299	151	173	156	2226	82	298	47	760	5716	1267	6983
58074	58440	2079	2080	1402	558	830	299	151	173	156	2231	81	299	47	764	5725	1265	6990
58440	58805	2080	2081	1401	557	829	299	151	173	155	2236	81	301	47	767	5734	1262	6996
58805	59170	2081	2082	1401	557	828	299	150	173	155	2240	81	302	46	771	5743	1260	7003
59170	59535	2082	2083	1401	556	827	299	150	173	155	2245	80	304	46	774	5752	1258	7010
59535	59901	2083	2084	1401	556	826	299	150	173	154	2249	80	305	46	777	5760	1256	7017
59901	60266	2084	2085	1400	555	825	299	149	173	154	2254	80	307	46	781	5769	1254	7023
60266	60631	2085	2086	1400	555	824	299	149	173	154	2259	79	308	46	784	5777	1252	7030
60631	60996	2086	2087	1400	555	823	299	149	173	153	2263	79	309	46	787	5785	1251	7036
60996	61362	2087	2088	1399	554	823	299	149	173	153	2267	79	311	46	790	5793	1249	7042
61362	61727	2088	2089	1399	554	822	299	148	173	153	2271	78	312	46	793	5801	1247	7048
61727	62092	2089	2090	1399	553	821	299	148	173	152	2276	78	313	46	796	5809	1245	7054
62092	62457	2090	2091	1399	553	820	299	148	173	152	2280	78	315	46	799	5817	1244	7061
62457	62823	2091	2092	1398	553	819	299	148	173	152	2284	78	316	46	801	5824	1242	7066
62823	63188	2092	2093	1398	552	819	299	147	173	151	2288	77	317	46	804	5831	1241	7072
63188	63553	2093	2094	1398	552	818	299	147	173	151	2292	77	318	46	807	5839	1239	7078
63553	63918	2094	2095	1398	551	817	299	147	173	151	2296	77	319	46	810	5846	1238	7084
63918	64284	2095	2096	1397	551	817	299	147	173	151	2300	77	320	46	812	5853	1236	7089
64284	64649	2096	2097	1397	551	816	299	147	173	150	2304	76	321	46	815	5860	1235	7095
64649	65014	2097	2098	1397	550	815	299	146	173	150	2308	76	322	46	817	5866	1234	7100
65014	65379	2098	2099	1397	550	815	299	146	173	150	2311	76	323	46	820	5873	1232	7105
65379	65745	2099	2100	1397	550	814	299	146	173	150	2315	76	324	46	822	5879	1231	7110
65745	66110	2100	2101	1396	549	814	299	146	173	149	2319	75	325	46	824	5886	1230	7115
66110	66475	2101	2102	1396	549	813	299	146	173	149	2322	75	326	46	826	5891	1229	7120
66475	66840	2102	2103	1396	549	812	299	146	173	149	2325	75	327	46	829	5897	1228	7125
66840	67206	2103	2104	1396	549	812	299	145	173	149	2329	75	328	45	831	5903	1227	7130
67206	67571	2104	2105	1396	548	811	299	145	173	149	2332	75	329	45	833	5909	1225	7134
67571	67936	2105	2106	1395	548	811	299	145	173	148	2336	75	329	45	835	5915	1224	7139
67936	68301	2106	2107	1395	548	811	299	145	173	148	2338	74	330	45	837	5919	1224	7143
68301	68667	2107	2108	1395	548	810	299	145	173	148	2341	74	331	45	838	5925	1223	7147
68667	69032	2108	2109	1395	547	810	299	145	173	148	2344	74	332	45	840	5930	1222	7152
69032	69397	2109	2110	1395	547	810	299	145	173	148	2344	74	332	45	840	5930	1222	7152

B-3(S4). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 4)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	3652	1920	1930	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.7	0.0	0.0	0.0	0.1	3.9	0.7	4.6
3652	7305	1930	1940	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.8	0.0	0.0	0.0	0.1	3.9	0.7	4.6
7305	14610	1940	1960	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.8	0.0	0.0	0.0	0.1	3.9	0.7	4.6
14610	18263	1960	1970	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.8	0.0	0.0	0.0	0.1	3.9	0.7	4.7
18263	21915	1970	1980	0.6	0.3	0.5	1.6	0.1	0.1	0.0	5.3	0.0	0.0	0.0	0.1	8.2	0.7	8.9
21915	24837	1980	1988	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.3	0.0	0.0	0.0	0.1	9.5	0.7	10.2
24837	25202	1988	1989	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.4	0.0	0.0	0.0	0.1	9.6	0.7	10.3
25202	25567	1989	1990	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.5	0.0	0.0	0.0	0.1	9.7	0.7	10.4
25567	25932	1990	1991	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.5	0.0	0.0	0.0	0.1	9.8	0.7	10.5
25932	26298	1991	1992	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.6	0.0	0.0	0.0	0.1	9.8	0.7	10.5
26298	26663	1992	1993	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.6	0.0	0.0	0.0	0.1	9.9	0.7	10.6
26663	27028	1993	1994	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.1	9.9	0.7	10.6
27028	27393	1994	1995	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.1	10.0	0.7	10.7
27393	27759	1995	1996	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.8	0.0	0.0	0.0	0.1	10.1	0.7	10.8
27759	28124	1996	1997	0.6	0.3	0.5	1.9	0.1	0.3	0.0	6.8	0.0	0.0	0.0	0.1	10.1	0.7	10.9
28124	28489	1997	1998	0.6	0.3	0.5	1.9	0.1	0.3	0.0	6.9	0.0	0.0	0.0	0.1	10.2	0.7	10.9
28489	28854	1998	1999	0.6	0.3	0.5	1.8	0.1	0.3	0.0	6.9	0.0	0.0	0.0	0.1	10.2	0.7	10.9
28854	29220	1999	2000	0.6	0.3	0.5	1.7	0.1	0.3	0.0	6.9	0.0	0.0	0.0	0.1	10.1	0.7	10.8
29220	29585	2000	2001	0.5	0.2	0.3	1.5	0.0	0.1	0.0	6.1	0.0	0.0	0.0	0.0	8.5	0.4	8.9
29585	29950	2001	2002	0.5	0.4	0.4	1.5	0.1	0.2	0.0	6.8	0.0	0.0	0.0	0.1	9.5	0.5	10.0
29950	30315	2002	2003	0.7	0.5	0.6	1.5	0.2	0.5	0.1	7.8	0.1	0.1	0.0	0.4	11.5	1.0	12.5
30315	30681	2003	2004	0.8	0.6	0.8	1.5	0.3	0.6	0.2	8.4	0.1	0.2	0.1	0.6	12.8	1.4	14.1
30681	31046	2004	2005	0.6	0.5	0.5	1.3	0.1	0.2	0.0	7.1	0.0	0.1	0.0	0.4	10.3	0.7	10.9
31046	31411	2005	2006	0.6	0.5	0.5	1.3	0.1	0.3	0.0	7.1	0.0	0.2	0.0	0.4	10.4	0.7	11.1
31411	31776	2006	2007	0.6	0.5	0.5	1.2	0.2	0.3	0.0	7.1	0.0	0.2	0.0	0.4	10.3	0.8	11.0
31776	32142	2007	2008	1.0	0.6	0.9	1.3	0.3	0.8	0.3	8.6	0.2	0.4	0.1	0.8	13.6	1.8	15.4
32142	32507	2008	2009	1.9	1.0	2.1	1.8	0.8	2.2	1.1	12.9	0.4	0.9	0.2	2.0	22.7	4.7	27.5
32507	32872	2009	2010	2.6	1.4	3.0	2.0	1.1	3.0	1.6	16.0	0.6	1.2	0.3	2.8	29.0	6.7	35.8
32872	33237	2010	2011	2.1	1.1	2.2	1.7	0.8	1.9	1.1	13.7	0.5	1.0	0.2	2.2	23.7	4.9	28.6
33237	33603	2011	2012	1.9	1.0	1.9	1.5	0.7	1.4	0.9	12.5	0.4	0.8	0.2	1.9	21.1	4.1	25.1
33603	33968	2012	2013	1.8	0.9	1.7	1.4	0.6	1.1	0.7	11.7	0.4	0.8	0.2	1.7	19.4	3.6	23.0
33968	34333	2013	2014	1.7	0.8	1.6	1.3	0.6	0.9	0.6	11.2	0.3	0.7	0.2	1.6	18.3	3.2	21.5
34333	34698	2014	2015	1.7	0.8	1.5	1.2	0.5	0.8	0.5	10.7	0.3	0.7	0.1	1.5	17.4	3.0	20.4
34698	35064	2015	2016	1.6	0.8	1.4	1.2	0.5	0.7	0.5	10.4	0.3	0.6	0.1	1.5	16.7	2.8	19.5
35064	35429	2016	2017	1.6	0.7	1.3	1.1	0.4	0.7	0.4	10.1	0.3	0.6	0.1	1.4	16.2	2.6	18.8
35429	35794	2017	2018	1.5	0.7	1.3	1.1	0.4	0.6	0.4	9.8	0.3	0.6	0.1	1.4	15.7	2.5	18.2
35794	36159	2018	2019	1.5	0.7	1.2	1.1	0.4	0.6	0.4	9.6	0.3	0.6	0.1	1.3	15.3	2.4	17.7
36159	36525	2019	2020	1.5	0.7	1.2	1.0	0.4	0.6	0.3	9.4	0.3	0.5	0.1	1.3	15.0	2.3	17.2
36525	36890	2020	2021	1.5	0.7	1.1	1.0	0.4	0.5	0.3	9.2	0.3	0.5	0.1	1.2	14.7	2.2	16.9
36890	37255	2021	2022	1.4	0.6	1.1	1.0	0.4	0.5	0.3	9.1	0.2	0.5	0.1	1.2	14.4	2.1	16.5
37255	37620	2022	2023	1.4	0.6	1.1	1.0	0.3	0.5	0.3	9.0	0.2	0.5	0.1	1.2	14.2	2.1	16.3
37620	37986	2023	2024	1.4	0.6	1.1	1.0	0.3	0.5	0.3	8.9	0.2	0.5	0.1	1.2	14.0	2.0	16.0
37986	38351	2024	2025	1.4	0.6	1.1	1.0	0.3	0.5	0.3	9.0	0.2	0.5	0.1	1.2	14.1	2.0	16.1

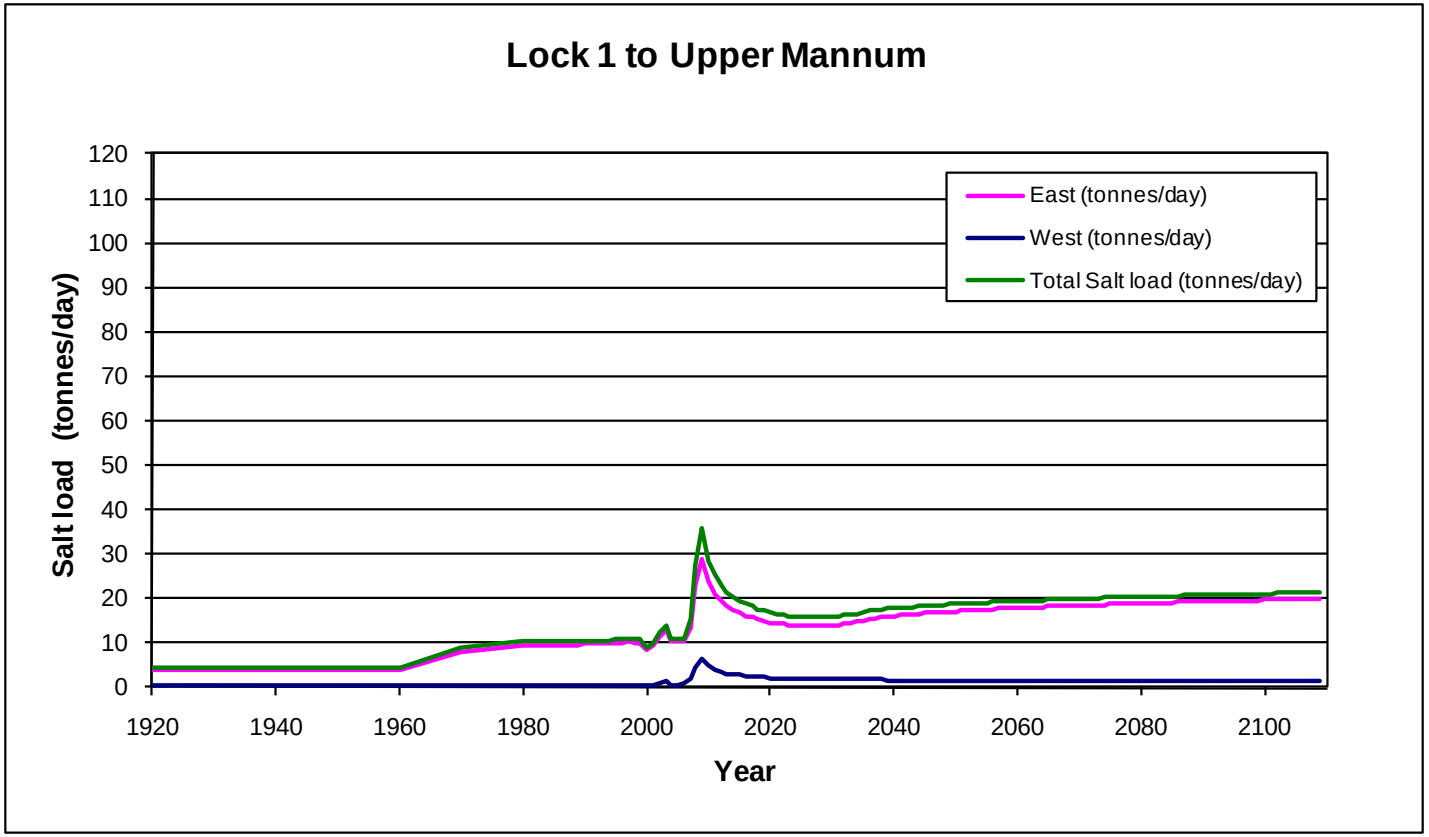
B-3(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 4)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	1.4	0.6	1.0	0.9	0.3	0.5	0.3	8.9	0.2	0.5	0.1	1.2	13.9	2.0	15.9
38716	39081	2026	2027	1.4	0.6	1.0	0.9	0.3	0.5	0.3	8.9	0.2	0.5	0.1	1.2	14.0	1.9	15.9
39081	39447	2027	2028	1.4	0.6	1.0	0.9	0.3	0.4	0.3	8.8	0.2	0.5	0.1	1.2	14.0	1.9	15.9
39447	39812	2028	2029	1.3	0.6	1.0	1.0	0.3	0.5	0.3	8.8	0.2	0.6	0.1	1.2	14.0	1.9	15.8
39812	40177	2029	2030	1.3	0.6	1.0	1.0	0.3	0.5	0.3	8.8	0.2	0.6	0.1	1.2	14.0	1.9	15.8
40177	40542	2030	2031	1.3	0.6	1.0	1.0	0.3	0.5	0.3	8.8	0.2	0.6	0.1	1.3	14.1	1.8	15.9
40542	40908	2031	2032	1.3	0.6	1.0	1.0	0.3	0.5	0.3	8.8	0.2	0.7	0.1	1.3	14.2	1.8	16.0
40908	41273	2032	2033	1.3	0.6	1.0	1.1	0.3	0.6	0.3	8.9	0.2	0.7	0.1	1.3	14.5	1.8	16.3
41273	41638	2033	2034	1.3	0.6	1.0	1.1	0.3	0.6	0.3	9.0	0.2	0.7	0.1	1.4	14.6	1.8	16.4
41638	42003	2034	2035	1.3	0.6	1.0	1.2	0.3	0.6	0.3	9.0	0.2	0.7	0.1	1.4	14.7	1.8	16.5
42003	42369	2035	2036	1.3	0.6	0.9	1.2	0.3	0.7	0.3	9.0	0.2	0.8	0.1	1.5	15.1	1.8	16.9
42369	42734	2036	2037	1.3	0.6	0.9	1.2	0.3	0.7	0.3	9.1	0.2	0.8	0.1	1.7	15.4	1.8	17.2
42734	43099	2037	2038	1.3	0.6	0.9	1.2	0.3	0.7	0.3	9.1	0.2	0.8	0.1	1.9	15.6	1.8	17.4
43099	43464	2038	2039	1.4	0.6	0.9	1.2	0.3	0.7	0.3	9.1	0.2	0.8	0.1	2.0	15.8	1.8	17.6
43464	43830	2039	2040	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.1	0.2	0.8	0.1	2.1	16.0	1.7	17.7
43830	44195	2040	2041	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.1	0.2	0.8	0.1	2.1	16.1	1.7	17.8
44195	44560	2041	2042	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.1	0.2	0.9	0.1	2.2	16.2	1.7	18.0
44560	44925	2042	2043	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.2	0.2	0.9	0.1	2.3	16.4	1.7	18.1
44925	45291	2043	2044	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.2	0.2	0.9	0.1	2.4	16.5	1.7	18.2
45291	45656	2044	2045	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.2	0.2	0.9	0.1	2.4	16.6	1.7	18.3
45656	46021	2045	2046	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.2	0.2	0.9	0.1	2.5	16.7	1.7	18.4
46021	46386	2046	2047	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.2	0.2	1.0	0.1	2.5	16.8	1.7	18.4
46386	46752	2047	2048	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.3	0.2	1.0	0.1	2.6	16.9	1.7	18.5
46752	47117	2048	2049	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.3	0.2	1.0	0.1	2.6	17.0	1.6	18.6
47117	47482	2049	2050	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.3	0.2	1.0	0.1	2.7	17.1	1.6	18.7
47482	47847	2050	2051	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.3	0.1	1.0	0.1	2.7	17.1	1.6	18.8
47847	48213	2051	2052	1.4	0.6	0.9	1.3	0.2	0.8	0.3	9.4	0.1	1.0	0.1	2.7	17.2	1.6	18.8
48213	48578	2052	2053	1.4	0.6	0.9	1.3	0.2	0.8	0.3	9.4	0.1	1.1	0.1	2.8	17.3	1.6	18.9
48578	48943	2053	2054	1.4	0.6	0.9	1.3	0.2	0.8	0.3	9.4	0.1	1.1	0.1	2.8	17.4	1.6	19.0
48943	49308	2054	2055	1.4	0.6	0.9	1.3	0.2	0.8	0.3	9.4	0.1	1.1	0.1	2.8	17.5	1.6	19.1
49308	49674	2055	2056	1.4	0.6	0.9	1.3	0.2	0.8	0.3	9.5	0.1	1.1	0.1	2.9	17.5	1.6	19.1
49674	50039	2056	2057	1.4	0.6	0.9	1.3	0.2	0.8	0.3	9.5	0.1	1.1	0.1	2.9	17.6	1.6	19.2
50039	50404	2057	2058	1.4	0.6	0.9	1.3	0.2	0.8	0.3	9.5	0.1	1.1	0.1	2.9	17.7	1.6	19.3
50404	50769	2058	2059	1.4	0.6	0.9	1.3	0.2	0.8	0.3	9.5	0.1	1.1	0.1	3.0	17.7	1.6	19.3
50769	51135	2059	2060	1.4	0.6	0.9	1.3	0.2	0.8	0.3	9.6	0.1	1.2	0.1	3.0	17.8	1.6	19.4
51135	51500	2060	2061	1.4	0.6	0.9	1.3	0.2	0.8	0.3	9.6	0.1	1.2	0.1	3.0	17.9	1.6	19.4
51500	51865	2061	2062	1.4	0.6	0.9	1.3	0.2	0.8	0.2	9.6	0.1	1.2	0.1	3.1	17.9	1.6	19.5
51865	52230	2062	2063	1.4	0.6	0.9	1.3	0.2	0.8	0.2	9.6	0.1	1.2	0.1	3.1	18.0	1.5	19.6
52230	52596	2063	2064	1.4	0.6	0.9	1.3	0.2	0.8	0.2	9.7	0.1	1.2	0.1	3.1	18.1	1.5	19.6
52596	52961	2064	2065	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.7	0.1	1.2	0.1	3.1	18.1	1.5	19.7
52961	53326	2065	2066	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.7	0.1	1.2	0.1	3.2	18.2	1.5	19.7
53326	53691	2066	2067	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.7	0.1	1.2	0.1	3.2	18.2	1.5	19.8

B-3(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 4)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.8	0.1	1.2	0.1	3.2	18.3	1.5	19.8
54057	54422	2068	2069	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.8	0.1	1.3	0.1	3.2	18.4	1.5	19.9
54422	54787	2069	2070	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.8	0.1	1.3	0.1	3.2	18.4	1.5	19.9
54787	55152	2070	2071	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.8	0.1	1.3	0.1	3.3	18.5	1.5	20.0
55152	55518	2071	2072	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.9	0.1	1.3	0.1	3.3	18.5	1.5	20.0
55518	55883	2072	2073	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.9	0.1	1.3	0.1	3.3	18.6	1.5	20.1
55883	56248	2073	2074	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.9	0.1	1.3	0.1	3.3	18.6	1.5	20.1
56248	56613	2074	2075	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.9	0.1	1.3	0.1	3.3	18.7	1.5	20.2
56613	56979	2075	2076	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.0	0.1	1.3	0.1	3.4	18.7	1.5	20.2
56979	57344	2076	2077	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.0	0.1	1.3	0.1	3.4	18.8	1.5	20.3
57344	57709	2077	2078	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.0	0.1	1.3	0.1	3.4	18.8	1.5	20.3
57709	58074	2078	2079	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.0	0.1	1.3	0.1	3.4	18.9	1.5	20.3
58074	58440	2079	2080	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.0	0.1	1.3	0.1	3.4	18.9	1.5	20.4
58440	58805	2080	2081	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.1	0.1	1.4	0.1	3.5	18.9	1.5	20.4
58805	59170	2081	2082	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.1	0.1	1.4	0.1	3.5	19.0	1.5	20.5
59170	59535	2082	2083	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.1	0.1	1.4	0.1	3.5	19.0	1.5	20.5
59535	59901	2083	2084	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.1	0.1	1.4	0.1	3.5	19.1	1.5	20.5
59901	60266	2084	2085	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.1	0.1	1.4	0.1	3.5	19.1	1.5	20.6
60266	60631	2085	2086	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.2	0.1	1.4	0.1	3.5	19.2	1.5	20.6
60631	60996	2086	2087	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.2	0.1	1.4	0.1	3.5	19.2	1.5	20.7
60996	61362	2087	2088	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.2	0.1	1.4	0.1	3.6	19.2	1.5	20.7
61362	61727	2088	2089	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.2	0.1	1.4	0.1	3.6	19.3	1.5	20.7
61727	62092	2089	2090	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.2	0.1	1.4	0.1	3.6	19.3	1.5	20.8
62092	62457	2090	2091	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.3	0.1	1.4	0.1	3.6	19.3	1.5	20.8
62457	62823	2091	2092	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.3	0.1	1.4	0.1	3.6	19.4	1.5	20.8
62823	63188	2092	2093	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.3	0.1	1.4	0.1	3.6	19.4	1.5	20.9
63188	63553	2093	2094	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.3	0.1	1.4	0.1	3.6	19.4	1.4	20.9
63553	63918	2094	2095	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.3	0.1	1.4	0.1	3.6	19.5	1.4	20.9
63918	64284	2095	2096	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.4	0.1	1.4	0.1	3.7	19.5	1.4	21.0
64284	64649	2096	2097	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.4	0.1	1.4	0.1	3.7	19.6	1.4	21.0
64649	65014	2097	2098	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.4	0.1	1.4	0.1	3.7	19.6	1.4	21.0
65014	65379	2098	2099	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.4	0.1	1.5	0.1	3.7	19.6	1.4	21.1
65379	65745	2099	2100	1.4	0.5	0.8	1.3	0.2	0.8	0.2	10.4	0.1	1.5	0.1	3.7	19.6	1.4	21.1
65745	66110	2100	2101	1.4	0.5	0.8	1.3	0.2	0.8	0.2	10.4	0.1	1.5	0.1	3.7	19.7	1.4	21.1
66110	66475	2101	2102	1.4	0.5	0.8	1.3	0.2	0.8	0.2	10.4	0.1	1.5	0.1	3.7	19.7	1.4	21.1
66475	66840	2102	2103	1.4	0.5	0.8	1.3	0.2	0.8	0.2	10.5	0.1	1.5	0.1	3.7	19.7	1.4	21.2
66840	67206	2103	2104	1.4	0.5	0.8	1.3	0.2	0.8	0.2	10.5	0.1	1.5	0.1	3.7	19.8	1.4	21.2
67206	67571	2104	2105	1.4	0.5	0.8	1.3	0.2	0.8	0.2	10.5	0.1	1.5	0.1	3.7	19.8	1.4	21.2
67571	67936	2105	2106	1.4	0.5	0.8	1.3	0.2	0.8	0.2	10.5	0.1	1.5	0.1	3.8	19.8	1.4	21.2
67936	68301	2106	2107	1.4	0.5	0.8	1.3	0.2	0.8	0.2	10.5	0.1	1.5	0.1	3.8	19.8	1.4	21.3
68301	68667	2107	2108	1.4	0.5	0.8	1.3	0.2	0.8	0.2	10.5	0.1	1.5	0.1	3.8	19.9	1.4	21.3
68667	69032	2108	2109	1.4	0.5	0.8	1.3	0.2	0.8	0.2	10.5	0.1	1.5	0.1	3.8	19.9	1.4	21.3
69032	69397	2109	2110	1.4	0.5	0.8	1.3	0.2	0.8	0.2	10.5	0.1	1.5	0.1	3.8	19.9	1.4	21.3
	Salinity (mg/L)			1,000	1,000	1,000	4,500	1,500	4,500	1,500	4,500	1,500	4,500	1,500	4,500			

B-3(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 4)



B-3(S4). Graph of modelled salt load (tonnes/day) entering the River Murray in the Lock 1 to Upper Mannum area (Scenario 4)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	633	137	526	16	80	23	6	609	31	6	13	32	*1455*	*657*	2112
3652	*7305*	1930	1940	632	137	524	16	80	23	6	615	31	6	13	32	*1461*	*656*	2117
7305	*14610*	1940	1960	632	137	521	16	80	23	7	624	32	6	13	32	*1470*	*653*	2123
14610	*18263*	1960	1970	631	137	519	16	81	23	7	629	32	6	13	32	*1475*	*652*	2127
18263	*21915*	1970	1980	631	294	518	358	81	32	7	1177	32	6	13	32	*2531*	*651*	3182
21915	*24837*	1980	1988	631	328	517	405	81	46	7	1408	32	6	13	32	*2857*	*650*	3507
24837	*25202*	1988	1989	631	330	517	407	81	48	7	1425	32	6	13	32	*2880*	*650*	3530
25202	*25567*	1989	1990	631	332	517	409	81	49	7	1439	32	6	13	32	*2899*	*650*	3548
25567	*25932*	1990	1991	631	333	517	411	81	50	7	1448	32	6	13	32	*2911*	*650*	3561
25932	*26298*	1991	1992	631	334	517	412	81	51	7	1459	32	6	13	32	*2925*	*650*	3575
26298	*26663*	1992	1993	631	335	517	413	81	52	7	1466	32	6	13	32	*2936*	*650*	3585
26663	*27028*	1993	1994	631	336	517	414	81	52	7	1473	32	6	13	32	*2945*	*650*	3595
27028	*27393*	1994	1995	631	337	517	415	81	53	7	1481	32	6	13	32	*2955*	*650*	3604
27393	*27759*	1995	1996	631	338	517	417	81	55	7	1498	32	6	13	32	*2978*	*650*	3627
27759	*28124*	1996	1997	631	340	517	419	81	56	7	1514	32	6	13	32	*2999*	*649*	3648
28124	*28489*	1997	1998	631	342	516	421	81	57	7	1529	32	6	13	32	*3019*	*649*	3668
28489	*28854*	1998	1999	631	338	516	410	81	59	7	1536	32	6	13	32	*3012*	*649*	3661
28854	*29220*	1999	2000	631	328	516	386	81	60	7	1530	32	6	13	32	*2973*	*649*	3622
29220	*29585*	2000	2001	462	240	346	340	27	29	0	1351	0	0	4	7	*2429*	*377*	2806
29585	*29950*	2001	2002	513	402	395	329	58	37	0	1500	5	1	5	32	*2813*	*465*	3278
29950	*30315*	2002	2003	706	523	619	337	132	101	46	1717	46	28	24	86	*3498*	*867*	4365
30315	*30681*	2003	2004	842	589	764	337	178	141	107	1852	76	51	38	128	*3940*	*1163*	5103
30681	*31046*	2004	2005	616	462	476	290	90	53	3	1578	27	29	14	84	*3110*	*610*	3720
31046	*31411*	2005	2006	640	463	509	279	100	59	5	1582	31	38	17	92	*3153*	*662*	3816
31411	*31776*	2006	2007	647	452	517	266	101	63	6	1563	32	43	18	96	*3129*	*674*	3803
31776	*32142*	2007	2008	988	609	922	297	225	184	183	1911	106	88	56	180	*4256*	*1493*	5750
32142	*32507*	2008	2009	1894	1037	2125	395	551	486	730	2868	295	200	157	445	*7326*	*3857*	11183
32507	*32872*	2009	2010	2564	1359	2958	454	766	658	1086	3557	425	277	223	632	*9501*	*5458*	14959
32872	*33237*	2010	2011	2143	1097	2220	371	566	421	754	3035	322	216	156	493	*7777*	*4018*	11795
33237	*33603*	2011	2012	1942	975	1888	330	473	310	583	2773	277	187	132	428	*6944*	*3353*	10297
33603	*33968*	2012	2013	1816	897	1688	303	416	247	477	2602	249	169	117	389	*6422*	*2947*	9369
33968	*34333*	2013	2014	1728	840	1552	283	375	208	404	2477	230	156	108	362	*6055*	*2668*	8723
34333	*34698*	2014	2015	1662	797	1451	269	344	182	353	2380	215	147	100	341	*5778*	*2463*	8241
34698	*35064*	2015	2016	1609	763	1373	257	319	164	314	2301	204	139	94	325	*5558*	*2304*	7861
35064	*35429*	2016	2017	1567	734	1311	248	298	150	284	2235	194	133	89	312	*5379*	*2176*	7555
35429	*35794*	2017	2018	1531	711	1260	240	281	140	260	2179	186	128	85	301	*5230*	*2071*	7301
35794	*36159*	2018	2019	1501	690	1217	234	266	132	240	2130	179	124	81	292	*5102*	*1983*	7085
36159	*36525*	2019	2020	1474	673	1181	228	254	125	223	2088	172	120	78	284	*4991*	*1907*	6899
36525	*36890*	2020	2021	1451	658	1150	224	243	119	209	2051	167	117	75	277	*4897*	*1843*	6740
36890	*37255*	2021	2022	1431	644	1123	220	233	115	197	2018	162	114	72	271	*4812*	*1787*	6599
37255	*37620*	2022	2023	1413	633	1099	216	225	111	186	1988	157	111	70	265	*4738*	*1737*	6475
37620	*37986*	2023	2024	1398	623	1079	214	217	107	178	1963	153	109	68	261	*4675*	*1696*	6370
37986	*38351*	2024	2025	1385	613	1062	211	214	104	195	1990	149	107	67	259	*4669*	*1687*	6357

B-3(S5). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 5)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	1374	605	1047	210	209	101	197	1976	145	106	66	258	4630	1664	6294
38716	39081	2026	2027	1364	598	1032	209	204	100	195	1970	142	110	65	274	4625	1638	6263
39081	39447	2027	2028	1354	591	1019	210	200	99	191	1961	139	118	64	276	4611	1612	6222
39447	39812	2028	2029	1346	586	1007	213	195	100	187	1951	136	127	63	277	4600	1587	6187
39812	40177	2029	2030	1339	582	995	217	191	100	182	1941	133	134	62	277	4589	1564	6152
40177	40542	2030	2031	1332	581	989	226	188	106	183	1945	130	141	61	285	4614	1551	6165
40542	40908	2031	2032	1325	580	980	233	184	108	181	1944	128	147	60	289	4625	1534	6158
40908	41273	2032	2033	1320	579	972	244	186	124	190	1972	125	152	59	299	4690	1532	6222
41273	41638	2033	2034	1316	579	963	253	185	128	194	1986	123	157	58	302	4720	1524	6244
41638	42003	2034	2035	1314	578	956	259	183	129	194	1990	121	162	58	303	4736	1512	6248
42003	42369	2035	2036	1317	580	949	265	186	148	196	2008	119	167	57	343	4828	1508	6336
42369	42734	2036	2037	1328	582	943	270	185	158	196	2013	118	172	57	381	4903	1499	6402
42734	43099	2037	2038	1340	583	937	274	184	163	194	2016	117	176	56	411	4964	1488	6452
43099	43464	2038	2039	1351	584	931	278	182	166	193	2019	115	180	55	436	5014	1478	6492
43464	43830	2039	2040	1361	585	926	281	181	167	192	2022	114	185	55	458	5057	1468	6525
43830	44195	2040	2041	1369	585	921	283	179	168	191	2025	112	189	55	477	5095	1457	6553
44195	44560	2041	2042	1375	584	916	285	178	168	189	2029	111	193	54	494	5129	1448	6577
44560	44925	2042	2043	1380	584	911	287	176	169	188	2033	109	197	54	509	5160	1439	6599
44925	45291	2043	2044	1385	583	907	289	175	169	186	2038	108	201	53	524	5189	1430	6618
45291	45656	2044	2045	1388	583	903	290	174	169	185	2043	107	206	53	537	5215	1421	6636
45656	46021	2045	2046	1391	582	899	291	173	170	184	2048	105	210	53	549	5240	1413	6653
46021	46386	2046	2047	1394	581	895	292	171	170	182	2053	104	214	52	560	5264	1405	6669
46386	46752	2047	2048	1396	580	891	293	170	170	181	2058	103	218	52	571	5286	1397	6683
46752	47117	2048	2049	1397	579	888	294	169	170	180	2063	102	222	52	581	5307	1390	6697
47117	47482	2049	2050	1399	579	885	294	168	170	178	2069	101	225	51	591	5327	1383	6711
47482	47847	2050	2051	1400	578	881	295	167	171	177	2074	100	229	51	600	5347	1377	6723
47847	48213	2051	2052	1401	577	879	295	166	171	176	2079	99	232	51	609	5365	1371	6735
48213	48578	2052	2053	1402	576	876	296	165	171	175	2085	98	236	50	617	5382	1365	6747
48578	48943	2053	2054	1403	575	873	296	165	171	174	2090	97	239	50	625	5400	1359	6758
48943	49308	2054	2055	1403	574	870	297	164	171	173	2096	96	242	50	633	5417	1353	6770
49308	49674	2055	2056	1404	573	868	297	163	171	172	2102	95	246	50	640	5433	1348	6780
49674	50039	2056	2057	1404	572	866	297	162	172	171	2107	94	249	50	648	5449	1343	6791
50039	50404	2057	2058	1404	572	863	297	161	172	170	2113	94	252	49	654	5464	1338	6801
50404	50769	2058	2059	1404	571	861	298	161	172	169	2119	93	254	49	661	5479	1333	6812
50769	51135	2059	2060	1404	570	859	298	160	172	168	2124	92	257	49	668	5493	1328	6821
51135	51500	2060	2061	1405	569	857	298	159	172	167	2130	91	260	49	674	5507	1324	6831
51500	51865	2061	2062	1405	569	855	298	159	172	166	2135	91	263	49	680	5521	1320	6840
51865	52230	2062	2063	1405	568	853	298	158	172	166	2141	90	265	48	685	5534	1316	6849
52230	52596	2063	2064	1405	567	852	298	158	172	165	2146	89	267	48	691	5547	1312	6858
52596	52961	2064	2065	1404	566	850	298	157	172	164	2151	89	270	48	696	5559	1308	6867
52961	53326	2065	2066	1404	566	848	299	157	172	164	2157	88	272	48	701	5571	1305	6876
53326	53691	2066	2067	1404	565	847	299	156	172	163	2162	88	274	48	707	5583	1301	6884

B-3(S5). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 5)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	1404	566	848	299	157	172	164	2157	88	272	48	701	5571	1305	6876
54057	54422	2068	2069	1404	565	847	299	156	172	163	2162	88	274	48	707	5583	1301	6884
54422	54787	2069	2070	1404	564	845	299	156	173	162	2168	87	277	48	712	5595	1298	6893
54787	55152	2070	2071	1404	564	844	299	155	173	162	2173	86	279	48	716	5607	1295	6901
55152	55518	2071	2072	1404	563	842	299	155	173	161	2178	86	281	48	721	5618	1291	6909
55518	55883	2072	2073	1404	563	841	299	154	173	160	2183	85	283	47	726	5629	1288	6917
55883	56248	2073	2074	1403	562	839	299	154	173	160	2188	85	285	47	730	5640	1285	6925
56248	56613	2074	2075	1403	561	838	299	153	173	159	2193	84	287	47	734	5651	1283	6933
56613	56979	2075	2076	1403	561	837	299	153	173	159	2199	84	289	47	739	5661	1280	6941
56979	57344	2076	2077	1403	560	836	299	153	173	158	2204	83	290	47	743	5672	1277	6949
57344	57709	2077	2078	1402	560	834	299	152	173	158	2209	83	292	47	747	5682	1275	6956
57709	58074	2078	2079	1402	559	833	299	152	173	157	2214	83	294	47	751	5692	1272	6964
58074	58440	2079	2080	1402	559	832	299	152	173	157	2219	82	296	47	755	5701	1270	6971
58440	58805	2080	2081	1402	558	831	299	151	173	156	2224	82	297	47	759	5711	1267	6978
58805	59170	2081	2082	1401	558	830	299	151	173	156	2228	81	299	47	762	5720	1265	6985
59170	59535	2082	2083	1401	557	829	299	151	173	155	2233	81	300	47	766	5729	1263	6992
59535	59901	2083	2084	1401	557	828	299	150	173	155	2238	81	302	47	769	5739	1261	6999
59901	60266	2084	2085	1401	556	827	299	150	173	155	2242	80	303	46	773	5747	1259	7006
60266	60631	2085	2086	1400	556	826	299	150	173	154	2247	80	305	46	776	5756	1257	7013
60631	60996	2086	2087	1400	555	825	299	149	173	154	2251	80	306	46	779	5765	1255	7019
60996	61362	2087	2088	1400	555	824	299	149	173	154	2256	79	308	46	783	5773	1253	7026
61362	61727	2088	2089	1400	554	824	299	149	173	153	2260	79	309	46	786	5781	1251	7032
61727	62092	2089	2090	1399	554	823	299	149	173	153	2265	79	310	46	789	5789	1249	7038
62092	62457	2090	2091	1399	554	822	299	148	173	153	2269	78	312	46	792	5797	1248	7044
62457	62823	2091	2092	1399	553	821	299	148	173	152	2273	78	313	46	795	5805	1246	7050
62823	63188	2092	2093	1399	553	820	299	148	173	152	2277	78	314	46	798	5812	1244	7056
63188	63553	2093	2094	1398	553	820	299	148	173	152	2281	78	315	46	800	5820	1243	7062
63553	63918	2094	2095	1398	552	819	299	148	173	151	2286	77	316	46	803	5828	1241	7069
63918	64284	2095	2096	1398	552	818	299	147	173	151	2290	77	318	46	806	5835	1240	7074
64284	64649	2096	2097	1398	551	818	299	147	173	151	2294	77	319	46	809	5842	1238	7080
64649	65014	2097	2098	1397	551	817	299	147	173	151	2298	77	320	46	811	5849	1237	7086
65014	65379	2098	2099	1397	551	816	299	147	173	150	2302	76	321	46	814	5856	1235	7092
65379	65745	2099	2100	1397	550	816	299	146	173	150	2306	76	322	46	816	5863	1234	7097
65745	66110	2100	2101	1397	550	815	299	146	173	150	2309	76	323	46	819	5869	1233	7102
66110	66475	2101	2102	1396	550	814	299	146	173	150	2313	76	324	46	821	5876	1231	7107
66475	66840	2102	2103	1396	549	814	299	146	173	149	2317	76	325	46	823	5882	1230	7112
66840	67206	2103	2104	1396	549	813	299	146	173	149	2320	75	326	46	825	5888	1229	7117
67206	67571	2104	2105	1396	549	813	299	146	173	149	2323	75	326	46	828	5894	1228	7122
67571	67936	2105	2106	1396	549	812	299	145	173	149	2327	75	327	45	830	5900	1227	7127
67936	68301	2106	2107	1395	548	812	299	145	173	149	2330	75	328	45	832	5906	1226	7132
68301	68667	2107	2108	1395	548	811	299	145	173	148	2333	75	329	45	834	5911	1225	7136
68667	69032	2108	2109	1395	548	811	299	145	173	148	2336	74	330	45	836	5916	1224	7140
69032	69397	2109	2110	1395	547	810	299	145	173	148	2339	74	331	45	838	5921	1223	7144

B-3(S5). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 5)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3652*	1920	1930	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.7	0.0	0.0	0.0	0.1	***3.9***	***0.7***	**4.6**
3652	*7305*	1930	1940	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.8	0.0	0.0	0.0	0.1	***3.9***	***0.7***	**4.6**
7305	*14610*	1940	1960	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.8	0.0	0.0	0.0	0.1	***3.9***	***0.7***	**4.6**
14610	*18263*	1960	1970	0.6	0.1	0.5	0.1	0.1	0.1	0.0	2.8	0.0	0.0	0.0	0.1	***3.9***	***0.7***	**4.7**
18263	*21915*	1970	1980	0.6	0.3	0.5	1.6	0.1	0.1	0.0	5.3	0.0	0.0	0.0	0.1	***8.2***	***0.7***	**8.9**
21915	*24837*	1980	1988	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.3	0.0	0.0	0.0	0.1	***9.5***	***0.7***	**10.2**
24837	*25202*	1988	1989	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.4	0.0	0.0	0.0	0.1	***9.6***	***0.7***	**10.3**
25202	*25567*	1989	1990	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.5	0.0	0.0	0.0	0.1	***9.7***	***0.7***	**10.4**
25567	*25932*	1990	1991	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.5	0.0	0.0	0.0	0.1	***9.7***	***0.7***	**10.4**
25932	*26298*	1991	1992	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.6	0.0	0.0	0.0	0.1	***9.8***	***0.7***	**10.5**
26298	*26663*	1992	1993	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.6	0.0	0.0	0.0	0.1	***9.8***	***0.7***	**10.5**
26663	*27028*	1993	1994	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.6	0.0	0.0	0.0	0.1	***9.9***	***0.7***	**10.6**
27028	*27393*	1994	1995	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.1	***9.9***	***0.7***	**10.6**
27393	*27759*	1995	1996	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.1	***10.0***	***0.7***	**10.7**
27759	*28124*	1996	1997	0.6	0.3	0.5	1.9	0.1	0.3	0.0	6.8	0.0	0.0	0.0	0.1	***10.1***	***0.7***	**10.8**
28124	*28489*	1997	1998	0.6	0.3	0.5	1.9	0.1	0.3	0.0	6.9	0.0	0.0	0.0	0.1	***10.2***	***0.7***	**10.9**
28489	*28854*	1998	1999	0.6	0.3	0.5	1.8	0.1	0.3	0.0	6.9	0.0	0.0	0.0	0.1	***10.2***	***0.7***	**10.9**
28854	*29220*	1999	2000	0.6	0.3	0.5	1.7	0.1	0.3	0.0	6.9	0.0	0.0	0.0	0.1	***10.0***	***0.7***	**10.7**
29220	*29585*	2000	2001	0.5	0.2	0.3	1.5	0.0	0.1	0.0	6.1	0.0	0.0	0.0	0.0	***8.5***	***0.4***	**8.9**
29585	*29950*	2001	2002	0.5	0.4	0.4	1.5	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.1	***9.5***	***0.5***	**10.0**
29950	*30315*	2002	2003	0.7	0.5	0.6	1.5	0.2	0.5	0.1	7.7	0.1	0.1	0.0	0.4	***11.4***	***1.0***	**12.4**
30315	*30681*	2003	2004	0.8	0.6	0.8	1.5	0.3	0.6	0.2	8.3	0.1	0.2	0.1	0.6	***12.7***	***1.4***	**14.1**
30681	*31046*	2004	2005	0.6	0.5	0.5	1.3	0.1	0.2	0.0	7.1	0.0	0.1	0.0	0.4	***10.2***	***0.7***	**10.9**
31046	*31411*	2005	2006	0.6	0.5	0.5	1.3	0.1	0.3	0.0	7.1	0.0	0.2	0.0	0.4	***10.3***	***0.7***	**11.1**
31411	*31776*	2006	2007	0.6	0.5	0.5	1.2	0.2	0.3	0.0	7.0	0.0	0.2	0.0	0.4	***10.2***	***0.8***	**11.0**
31776	*32142*	2007	2008	1.0	0.6	0.9	1.3	0.3	0.8	0.3	8.6	0.2	0.4	0.1	0.8	***13.6***	***1.8***	**15.3**
32142	*32507*	2008	2009	1.9	1.0	2.1	1.8	0.8	2.2	1.1	12.9	0.4	0.9	0.2	2.0	***22.7***	***4.7***	**27.4**
32507	*32872*	2009	2010	2.6	1.4	3.0	2.0	1.1	3.0	1.6	16.0	0.6	1.2	0.3	2.8	***29.0***	***6.7***	**35.7**
32872	*33237*	2010	2011	2.1	1.1	2.2	1.7	0.8	1.9	1.1	13.7	0.5	1.0	0.2	2.2	***23.7***	***4.9***	**28.6**
33237	*33603*	2011	2012	1.9	1.0	1.9	1.5	0.7	1.4	0.9	12.5	0.4	0.8	0.2	1.9	***21.0***	***4.1***	**25.1**
33603	*33968*	2012	2013	1.8	0.9	1.7	1.4	0.6	1.1	0.7	11.7	0.4	0.8	0.2	1.7	***19.4***	***3.6***	**23.0**
33968	*34333*	2013	2014	1.7	0.8	1.6	1.3	0.6	0.9	0.6	11.1	0.3	0.7	0.2	1.6	***18.3***	***3.2***	**21.5**
34333	*34698*	2014	2015	1.7	0.8	1.5	1.2	0.5	0.8	0.5	10.7	0.3	0.7	0.2	1.5	***17.4***	***3.0***	**20.4**
34698	*35064*	2015	2016	1.6	0.8	1.4	1.2	0.5	0.7	0.5	10.4	0.3	0.6	0.1	1.5	***16.7***	***2.8***	**19.5**
35064	*35429*	2016	2017	1.6	0.7	1.3	1.1	0.4	0.7	0.4	10.1	0.3	0.6	0.1	1.4	***16.2***	***2.6***	**18.8**
35429	*35794*	2017	2018	1.5	0.7	1.3	1.1	0.4	0.6	0.4	9.8	0.3	0.6	0.1	1.4	***15.7***	***2.5***	**18.2**
35794	*36159*	2018	2019	1.5	0.7	1.2	1.1	0.4	0.6	0.4	9.6	0.3	0.6	0.1	1.3	***15.3***	***2.4***	**17.7**
36159	*36525*	2019	2020	1.5	0.7	1.2	1.0	0.4	0.6	0.3	9.4	0.3	0.5	0.1	1.3	***14.9***	***2.3***	**17.2**
36525	*36890*	2020	2021	1.5	0.7	1.1	1.0	0.4	0.5	0.3	9.2	0.3	0.5	0.1	1.2	***14.7***	***2.2***	**16.8**
36890	*37255*	2021	2022	1.4	0.6	1.1	1.0	0.3	0.5	0.3	9.1	0.2	0.5	0.1	1.2	***14.4***	***2.1***	**16.5**
37255	*37620*	2022	2023	1.4	0.6	1.1	1.0	0.3	0.5	0.3	8.9	0.2	0.5	0.1	1.2	***14.2***	***2.1***	**16.2**
37620	*37986*	2023	2024	1.4	0.6	1.1	1.0	0.3	0.5	0.3	8.8	0.2	0.5	0.1	1.2	***14.0***	***2.0***	**16.0**
37986	*38351*	2024	2025	1.4	0.6	1.1	1.0	0.3	0.5	0.3	9.0	0.2	0.5	0.1	1.2	***14.0***	***2.0***	**16.0**

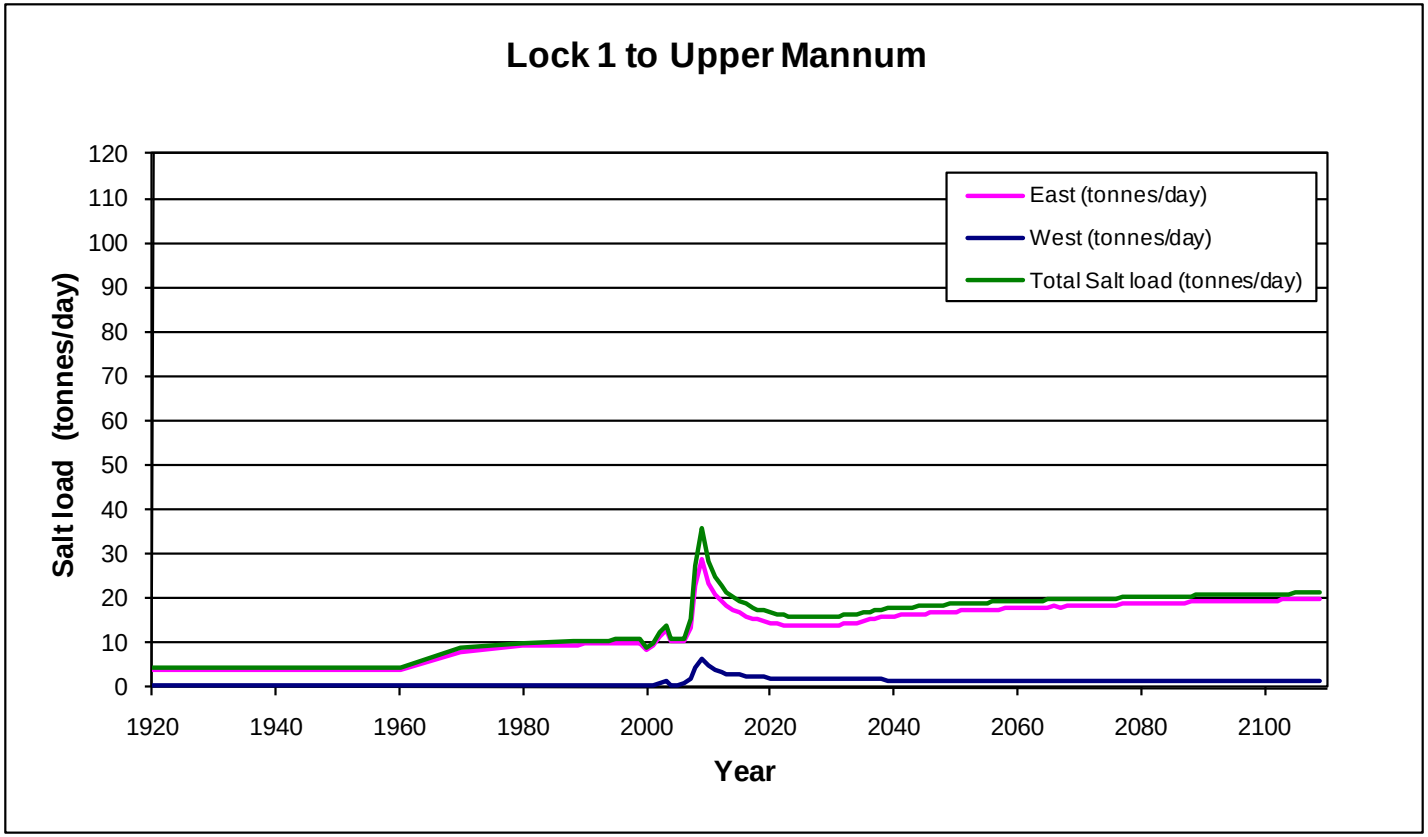
B-3(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 5)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	1.4	0.6	1.0	0.9	0.3	0.5	0.3	8.9	0.2	0.5	0.1	1.2	13.9	2.0	15.9
38716	39081	2026	2027	1.4	0.6	1.0	0.9	0.3	0.5	0.3	8.9	0.2	0.5	0.1	1.2	13.9	1.9	15.9
39081	39447	2027	2028	1.4	0.6	1.0	0.9	0.3	0.4	0.3	8.8	0.2	0.5	0.1	1.2	13.9	1.9	15.8
39447	39812	2028	2029	1.3	0.6	1.0	1.0	0.3	0.5	0.3	8.8	0.2	0.6	0.1	1.2	13.9	1.9	15.8
39812	40177	2029	2030	1.3	0.6	1.0	1.0	0.3	0.4	0.3	8.7	0.2	0.6	0.1	1.2	13.9	1.8	15.8
40177	40542	2030	2031	1.3	0.6	1.0	1.0	0.3	0.5	0.3	8.8	0.2	0.6	0.1	1.3	14.1	1.8	15.9
40542	40908	2031	2032	1.3	0.6	1.0	1.0	0.3	0.5	0.3	8.7	0.2	0.7	0.1	1.3	14.1	1.8	16.0
40908	41273	2032	2033	1.3	0.6	1.0	1.1	0.3	0.6	0.3	8.9	0.2	0.7	0.1	1.3	14.5	1.8	16.3
41273	41638	2033	2034	1.3	0.6	1.0	1.1	0.3	0.6	0.3	8.9	0.2	0.7	0.1	1.4	14.6	1.8	16.4
41638	42003	2034	2035	1.3	0.6	1.0	1.2	0.3	0.6	0.3	9.0	0.2	0.7	0.1	1.4	14.7	1.8	16.5
42003	42369	2035	2036	1.3	0.6	0.9	1.2	0.3	0.7	0.3	9.0	0.2	0.8	0.1	1.5	15.1	1.8	16.9
42369	42734	2036	2037	1.3	0.6	0.9	1.2	0.3	0.7	0.3	9.1	0.2	0.8	0.1	1.7	15.4	1.8	17.2
42734	43099	2037	2038	1.3	0.6	0.9	1.2	0.3	0.7	0.3	9.1	0.2	0.8	0.1	1.9	15.6	1.8	17.4
43099	43464	2038	2039	1.4	0.6	0.9	1.2	0.3	0.7	0.3	9.1	0.2	0.8	0.1	2.0	15.8	1.8	17.5
43464	43830	2039	2040	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.1	0.2	0.8	0.1	2.1	15.9	1.7	17.7
43830	44195	2040	2041	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.1	0.2	0.8	0.1	2.1	16.1	1.7	17.8
44195	44560	2041	2042	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.1	0.2	0.9	0.1	2.2	16.2	1.7	17.9
44560	44925	2042	2043	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.2	0.2	0.9	0.1	2.3	16.3	1.7	18.0
44925	45291	2043	2044	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.2	0.2	0.9	0.1	2.4	16.5	1.7	18.2
45291	45656	2044	2045	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.2	0.2	0.9	0.1	2.4	16.6	1.7	18.3
45656	46021	2045	2046	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.2	0.2	0.9	0.1	2.5	16.7	1.7	18.3
46021	46386	2046	2047	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.2	0.2	1.0	0.1	2.5	16.8	1.7	18.4
46386	46752	2047	2048	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.3	0.2	1.0	0.1	2.6	16.9	1.7	18.5
46752	47117	2048	2049	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.3	0.2	1.0	0.1	2.6	17.0	1.6	18.6
47117	47482	2049	2050	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.3	0.2	1.0	0.1	2.7	17.1	1.6	18.7
47482	47847	2050	2051	1.4	0.6	0.9	1.3	0.3	0.8	0.3	9.3	0.1	1.0	0.1	2.7	17.1	1.6	18.8
47847	48213	2051	2052	1.4	0.6	0.9	1.3	0.2	0.8	0.3	9.4	0.1	1.0	0.1	2.7	17.2	1.6	18.8
48213	48578	2052	2053	1.4	0.6	0.9	1.3	0.2	0.8	0.3	9.4	0.1	1.1	0.1	2.8	17.3	1.6	18.9
48578	48943	2053	2054	1.4	0.6	0.9	1.3	0.2	0.8	0.3	9.4	0.1	1.1	0.1	2.8	17.4	1.6	19.0
48943	49308	2054	2055	1.4	0.6	0.9	1.3	0.2	0.8	0.3	9.4	0.1	1.1	0.1	2.8	17.5	1.6	19.0
49308	49674	2055	2056	1.4	0.6	0.9	1.3	0.2	0.8	0.3	9.5	0.1	1.1	0.1	2.9	17.5	1.6	19.1
49674	50039	2056	2057	1.4	0.6	0.9	1.3	0.2	0.8	0.3	9.5	0.1	1.1	0.1	2.9	17.6	1.6	19.2
50039	50404	2057	2058	1.4	0.6	0.9	1.3	0.2	0.8	0.3	9.5	0.1	1.1	0.1	2.9	17.7	1.6	19.2
50404	50769	2058	2059	1.4	0.6	0.9	1.3	0.2	0.8	0.3	9.5	0.1	1.1	0.1	3.0	17.7	1.6	19.3
50769	51135	2059	2060	1.4	0.6	0.9	1.3	0.2	0.8	0.3	9.6	0.1	1.2	0.1	3.0	17.8	1.6	19.4
51135	51500	2060	2061	1.4	0.6	0.9	1.3	0.2	0.8	0.3	9.6	0.1	1.2	0.1	3.0	17.9	1.6	19.4
51500	51865	2061	2062	1.4	0.6	0.9	1.3	0.2	0.8	0.2	9.6	0.1	1.2	0.1	3.1	17.9	1.6	19.5
51865	52230	2062	2063	1.4	0.6	0.9	1.3	0.2	0.8	0.2	9.6	0.1	1.2	0.1	3.1	18.0	1.5	19.5
52230	52596	2063	2064	1.4	0.6	0.9	1.3	0.2	0.8	0.2	9.7	0.1	1.2	0.1	3.1	18.1	1.5	19.6
52596	52961	2064	2065	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.7	0.1	1.2	0.1	3.1	18.1	1.5	19.7
52961	53326	2065	2066	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.7	0.1	1.2	0.1	3.2	18.2	1.5	19.7
53326	53691	2066	2067	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.7	0.1	1.2	0.1	3.2	18.2	1.5	19.8

B-3(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 5)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z3-Z2	Z4-Z2	Z5-Z2	Z6-Z2	Z7-Z2	Z8-Z2	Z9-Z2	Z10-Z2	Z11-Z2	Z12-Z2	Z13-Z2	Z14-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.7	0.1	1.2	0.1	3.2	18.2	1.5	19.7
54057	54422	2068	2069	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.7	0.1	1.2	0.1	3.2	18.2	1.5	19.8
54422	54787	2069	2070	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.8	0.1	1.2	0.1	3.2	18.3	1.5	19.8
54787	55152	2070	2071	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.8	0.1	1.3	0.1	3.2	18.3	1.5	19.9
55152	55518	2071	2072	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.8	0.1	1.3	0.1	3.2	18.4	1.5	19.9
55518	55883	2072	2073	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.8	0.1	1.3	0.1	3.3	18.4	1.5	20.0
55883	56248	2073	2074	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.8	0.1	1.3	0.1	3.3	18.5	1.5	20.0
56248	56613	2074	2075	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.9	0.1	1.3	0.1	3.3	18.6	1.5	20.1
56613	56979	2075	2076	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.9	0.1	1.3	0.1	3.3	18.6	1.5	20.1
56979	57344	2076	2077	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.9	0.1	1.3	0.1	3.3	18.7	1.5	20.2
57344	57709	2077	2078	1.4	0.6	0.8	1.3	0.2	0.8	0.2	9.9	0.1	1.3	0.1	3.4	18.7	1.5	20.2
57709	58074	2078	2079	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.0	0.1	1.3	0.1	3.4	18.7	1.5	20.2
58074	58440	2079	2080	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.0	0.1	1.3	0.1	3.4	18.8	1.5	20.3
58440	58805	2080	2081	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.0	0.1	1.3	0.1	3.4	18.8	1.5	20.3
58805	59170	2081	2082	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.0	0.1	1.3	0.1	3.4	18.9	1.5	20.4
59170	59535	2082	2083	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.0	0.1	1.4	0.1	3.4	18.9	1.5	20.4
59535	59901	2083	2084	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.1	0.1	1.4	0.1	3.5	19.0	1.5	20.4
59901	60266	2084	2085	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.1	0.1	1.4	0.1	3.5	19.0	1.5	20.5
60266	60631	2085	2086	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.1	0.1	1.4	0.1	3.5	19.1	1.5	20.5
60631	60996	2086	2087	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.1	0.1	1.4	0.1	3.5	19.1	1.5	20.6
60996	61362	2087	2088	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.2	0.1	1.4	0.1	3.5	19.1	1.5	20.6
61362	61727	2088	2089	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.2	0.1	1.4	0.1	3.5	19.2	1.5	20.6
61727	62092	2089	2090	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.2	0.1	1.4	0.1	3.6	19.2	1.5	20.7
62092	62457	2090	2091	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.2	0.1	1.4	0.1	3.6	19.3	1.5	20.7
62457	62823	2091	2092	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.2	0.1	1.4	0.1	3.6	19.3	1.5	20.7
62823	63188	2092	2093	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.2	0.1	1.4	0.1	3.6	19.3	1.5	20.8
63188	63553	2093	2094	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.3	0.1	1.4	0.1	3.6	19.4	1.5	20.8
63553	63918	2094	2095	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.3	0.1	1.4	0.1	3.6	19.4	1.5	20.9
63918	64284	2095	2096	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.3	0.1	1.4	0.1	3.6	19.4	1.5	20.9
64284	64649	2096	2097	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.3	0.1	1.4	0.1	3.6	19.5	1.4	20.9
64649	65014	2097	2098	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.3	0.1	1.4	0.1	3.7	19.5	1.4	20.9
65014	65379	2098	2099	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.4	0.1	1.4	0.1	3.7	19.5	1.4	21.0
65379	65745	2099	2100	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.4	0.1	1.4	0.1	3.7	19.6	1.4	21.0
65745	66110	2100	2101	1.4	0.6	0.8	1.3	0.2	0.8	0.2	10.4	0.1	1.5	0.1	3.7	19.6	1.4	21.0
66110	66475	2101	2102	1.4	0.5	0.8	1.3	0.2	0.8	0.2	10.4	0.1	1.5	0.1	3.7	19.6	1.4	21.1
66475	66840	2102	2103	1.4	0.5	0.8	1.3	0.2	0.8	0.2	10.4	0.1	1.5	0.1	3.7	19.7	1.4	21.1
66840	67206	2103	2104	1.4	0.5	0.8	1.3	0.2	0.8	0.2	10.4	0.1	1.5	0.1	3.7	19.7	1.4	21.1
67206	67571	2104	2105	1.4	0.5	0.8	1.3	0.2	0.8	0.2	10.5	0.1	1.5	0.1	3.7	19.7	1.4	21.2
67571	67936	2105	2106	1.4	0.5	0.8	1.3	0.2	0.8	0.2	10.5	0.1	1.5	0.1	3.7	19.7	1.4	21.2
67936	68301	2106	2107	1.4	0.5	0.8	1.3	0.2	0.8	0.2	10.5	0.1	1.5	0.1	3.7	19.8	1.4	21.2
68301	68667	2107	2108	1.4	0.5	0.8	1.3	0.2	0.8	0.2	10.5	0.1	1.5	0.1	3.8	19.8	1.4	21.2
68667	69032	2108	2109	1.4	0.5	0.8	1.3	0.2	0.8	0.2	10.5	0.1	1.5	0.1	3.8	19.8	1.4	21.3
69032	69397	2109	2110	1.4	0.5	0.8	1.3	0.2	0.8	0.2	10.5	0.1	1.5	0.1	3.8	19.8	1.4	21.3
	Salinity (mg/L)			1,000	1,000	1,000	4,500	1,500	4,500	1,500	4,500	1,500	4,500	1,500	4,500			

B-3(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 5)



B-3(S5). Graph of modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 5)

B-4. MODEL OUTPUT – UPPER MANNUM TO MANNUM

- Model scenario conditions
- Flow budget zones
- Transient groundwater flux and salt load
- Modelled groundwater flux (m^3/d)
- Modelled salt load (t/d)

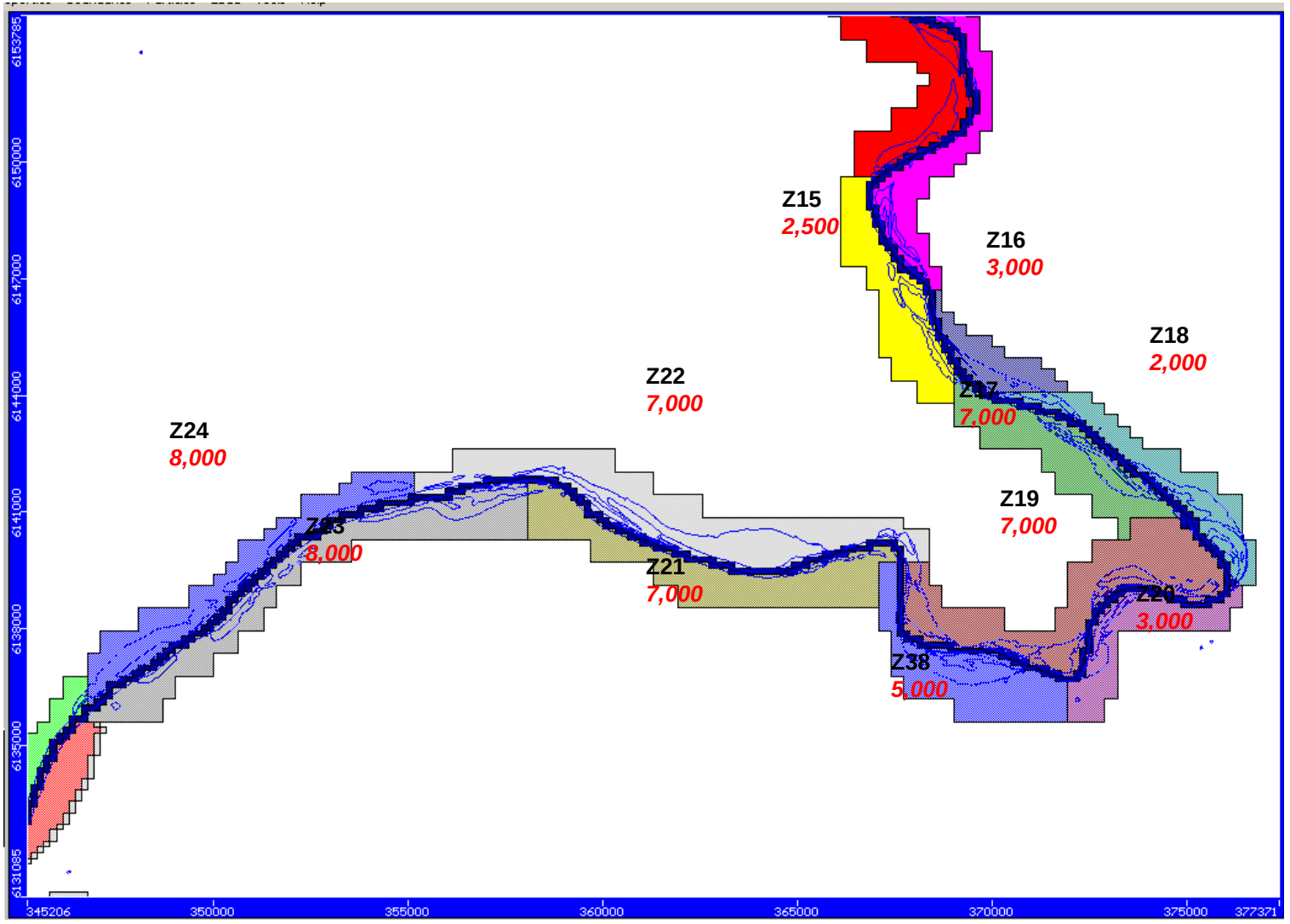
(Transient from 1920 to 2009)

(Scenario-2, 3A, 3B, 3C, 4 and 5)

Scenario	Name	Model Run	Irrigation development area	IIP[1]	RH[2]	SIS[3]
S-1	Natural system	Steady State	None	-	-	-
S-2	Mallee clearance	1920-2109	None (but includes Mallee clearance area)	-	-	-
S-3A	Pre-1988, no IIP, no RH	1988-2109	Pre-1988	No	No	-
S-3B	Pre-1988, with IIP, no RH	1988-2109	Pre-1988	Yes	No	-
S-3C	Pre-1988, with IIP and RH	1988-2109	Pre-1988	Yes	Yes	-
S-4	Current irrigation	2009-2109	Pre-1988 + Post-1988	Yes	Yes	No
S-5	Current plus future irrigation	2009-2109	Pre-1988 + Post-1988 + Future development	Yes	Yes	No

Note: 1 Improved Irrigation practices, 2 Rehabilitation, 3 Salt Interception Scheme (see Glossary for definitions)

B-4. Model Scenario and Conditions



B-4. Flow budget zones (model layer 1) and groundwater salinity values (TDS mg/L) in the Upper Mannum to Mannum area

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	15	5	2	96	44	308	18	103	84	51	88	***598***	***215***	**813**
3652	*7305*	1930	1940	14	5	2	96	44	307	17	103	79	50	88	***593***	***213***	**806**
7305	*14610*	1940	1960	14	5	2	96	44	307	15	102	74	48	87	***586***	***210***	**795**
14610	*18263*	1960	1970	14	5	2	96	44	307	15	102	72	47	87	***583***	***209***	**791**
18263	*21915*	1970	1980	14	5	2	96	44	307	14	101	71	47	87	***580***	***208***	**788**
21915	*24837*	1980	1988	14	5	2	96	44	307	13	101	70	46	87	***579***	***207***	**785**
24837	*25202*	1988	1989	14	5	2	96	44	307	13	101	70	46	87	***578***	***207***	**785**
25202	*25567*	1989	1990	14	5	2	96	44	307	13	101	70	46	87	***578***	***207***	**785**
25567	*25932*	1990	1991	14	5	2	96	44	307	13	101	70	46	87	***578***	***207***	**785**
25932	*26298*	1991	1992	14	5	2	96	44	307	13	101	69	46	87	***578***	***207***	**785**
26298	*26663*	1992	1993	14	5	2	96	44	307	13	101	69	46	87	***578***	***207***	**785**
26663	*27028*	1993	1994	14	5	2	96	44	307	13	101	69	46	87	***578***	***207***	**785**
27028	*27393*	1994	1995	14	5	2	96	44	307	13	101	69	46	87	***578***	***206***	**784**
27393	*27759*	1995	1996	14	5	2	96	44	307	13	101	69	46	87	***578***	***206***	**784**
27759	*28124*	1996	1997	14	5	2	96	44	307	13	101	69	46	87	***578***	***206***	**784**
28124	*28489*	1997	1998	14	5	2	96	44	307	13	101	69	46	87	***577***	***206***	**784**
28489	*28854*	1998	1999	14	5	2	96	44	307	13	101	69	46	87	***577***	***206***	**783**
28854	*29220*	1999	2000	13	5	2	96	44	307	13	101	69	46	87	***577***	***206***	**783**
29220	*29585*	2000	2001	4	0	0	74	53	247	0	99	70	46	81	***472***	***202***	**674**
29585	*29950*	2001	2002	7	0	15	94	78	637	41	99	72	46	113	***956***	***243***	**1200**
29950	*30315*	2002	2003	24	10	61	126	149	830	126	107	74	45	142	***1308***	***386***	**1694**
30315	*30681*	2003	2004	44	17	98	151	194	921	208	118	75	45	163	***1534***	***499***	**2033**
30681	*31046*	2004	2005	21	3	76	120	143	841	73	98	74	45	126	***1237***	***383***	**1620**
31046	*31411*	2005	2006	25	5	87	124	156	844	80	100	75	44	131	***1258***	***412***	**1670**
31411	*31776*	2006	2007	28	5	91	126	158	829	78	100	75	44	131	***1244***	***421***	**1665**
31776	*32142*	2007	2008	69	25	143	177	240	935	277	133	77	44	183	***1674***	***629***	**2303**
32142	*32507*	2008	2009	189	77	273	333	543	1215	832	315	80	44	372	***2910***	***1365***	**4275**
32507	*32872*	2009	2010	287	112	362	450	748	1418	1225	458	79	44	529	***3812***	***1898***	**5710**

B-4 (Transient from 1920 to 2009). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3652*	1920	1930	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.7	0.4	0.4	***2.4***	***1.5***	3.9
3652	*7305*	1930	1940	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.3***	***1.5***	3.8
7305	*14610*	1940	1960	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.3***	***1.5***	3.7
14610	*18263*	1960	1970	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.7
18263	*21915*	1970	1980	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.7
21915	*24837*	1980	1988	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
24837	*25202*	1988	1989	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
25202	*25567*	1989	1990	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
25567	*25932*	1990	1991	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
25932	*26298*	1991	1992	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
26298	*26663*	1992	1993	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
26663	*27028*	1993	1994	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
27028	*27393*	1994	1995	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
27393	*27759*	1995	1996	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
27759	*28124*	1996	1997	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
28124	*28489*	1997	1998	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
28489	*28854*	1998	1999	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
28854	*29220*	1999	2000	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
29220	*29585*	2000	2001	0.0	0.0	0.0	0.1	0.4	0.7	0.0	0.7	0.6	0.4	0.4	***1.9***	***1.4***	3.3
29585	*29950*	2001	2002	0.0	0.0	0.1	0.2	0.5	1.9	0.3	0.7	0.6	0.4	0.6	***3.5***	***1.7***	5.2
29950	*30315*	2002	2003	0.1	0.0	0.4	0.3	1.0	2.5	0.9	0.7	0.6	0.4	0.7	***5.0***	***2.6***	7.6
30315	*30681*	2003	2004	0.1	0.1	0.7	0.3	1.4	2.8	1.5	0.8	0.6	0.4	0.8	***6.0***	***3.3***	9.3
30681	*31046*	2004	2005	0.1	0.0	0.5	0.2	1.0	2.5	0.5	0.7	0.6	0.4	0.6	***4.5***	***2.6***	7.1
31046	*31411*	2005	2006	0.1	0.0	0.6	0.2	1.1	2.5	0.6	0.7	0.6	0.4	0.7	***4.6***	***2.8***	7.4
31411	*31776*	2006	2007	0.1	0.0	0.6	0.3	1.1	2.5	0.5	0.7	0.6	0.4	0.7	***4.6***	***2.9***	7.4
31776	*32142*	2007	2008	0.2	0.1	1.0	0.4	1.7	2.8	1.9	0.9	0.6	0.4	0.9	***6.7***	***4.1***	10.8
32142	*32507*	2008	2009	0.5	0.2	1.9	0.7	3.8	3.6	5.8	2.2	0.6	0.4	1.9	***12.9***	***8.7***	21.6
32507	*32872*	2009	2010	0.7	0.3	2.5	0.9	5.2	4.3	8.6	3.2	0.6	0.4	2.6	***17.3***	***12.0***	29.4

B-4 (Transient from 1920 to 2009). Modelled groundwater salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	14	5	2	96	44	307	23	103	82	50	88	*601*	*213*	814
3652	*7305*	1930	1940	14	5	2	96	44	307	23	103	82	50	88	*601*	*213*	814
7305	*14610*	1940	1960	18	5	2	96	44	308	59	103	108	50	88	*665*	*216*	881
14610	*18263*	1960	1970	20	6	3	96	44	313	62	104	120	50	88	*686*	*221*	907
18263	*21915*	1970	1980	22	6	4	96	45	316	67	107	127	50	89	*702*	*228*	930
21915	*24837*	1980	1988	24	7	5	97	47	317	75	109	131	50	89	*716*	*234*	951
24837	*25202*	1988	1989	24	7	5	97	47	317	75	109	132	50	89	*717*	*235*	952
25202	*25567*	1989	1990	24	7	5	97	47	317	75	109	132	50	89	*717*	*235*	952
25567	*25932*	1990	1991	25	7	5	97	47	317	82	109	133	50	90	*726*	*237*	963
25932	*26298*	1991	1992	25	7	5	97	47	318	84	110	133	50	90	*729*	*238*	967
26298	*26663*	1992	1993	26	7	6	97	47	318	84	110	134	50	90	*731*	*239*	970
26663	*27028*	1993	1994	26	7	6	97	48	318	85	110	135	50	90	*732*	*240*	972
27028	*27393*	1994	1995	26	7	6	97	48	318	85	110	135	50	90	*733*	*240*	973
27393	*27759*	1995	1996	27	7	6	98	48	318	85	110	136	50	90	*734*	*241*	974
27759	*28124*	1996	1997	27	7	6	98	48	318	85	110	136	50	90	*735*	*241*	975
28124	*28489*	1997	1998	27	7	6	98	48	318	85	110	137	50	90	*735*	*241*	976
28489	*28854*	1998	1999	27	7	6	98	48	318	85	110	137	50	90	*736*	*242*	977
28854	*29220*	1999	2000	27	7	6	98	48	318	86	110	138	50	90	*736*	*242*	978
29220	*29585*	2000	2001	10	0	0	75	53	258	26	101	139	51	85	*582*	*214*	796
29585	*29950*	2001	2002	14	2	1	80	54	277	42	102	139	51	90	*631*	*222*	853
29950	*30315*	2002	2003	35	13	17	106	66	347	141	118	141	51	107	*854*	*287*	1140
30315	*30681*	2003	2004	51	20	35	125	84	395	221	129	141	51	123	*1026*	*350*	1376
30681	*31046*	2004	2005	26	6	4	95	43	307	80	109	140	51	88	*716*	*233*	948
31046	*31411*	2005	2006	28	8	7	98	47	316	91	111	141	51	90	*744*	*244*	987
31411	*31776*	2006	2007	29	8	7	98	48	318	95	112	141	51	91	*752*	*247*	999
31776	*32142*	2007	2008	69	28	55	147	113	446	306	146	143	51	143	*1212*	*433*	1646
32142	*32507*	2008	2009	190	80	184	301	419	774	873	330	146	51	337	*2510*	*1174*	3684
32507	*32872*	2009	2010	289	115	273	417	630	996	1268	473	145	51	495	*3436*	*1716*	5152
32872	*33237*	2010	2011	239	85	199	340	424	817	962	373	138	51	388	*2731*	*1287*	4017
33237	*33603*	2011	2012	217	72	166	307	340	735	811	325	136	51	336	*2396*	*1098*	3494
33603	*33968*	2012	2013	204	64	146	287	293	685	716	295	136	51	304	*2192*	*988*	3180
33968	*34333*	2013	2014	194	58	132	274	263	652	650	274	135	51	282	*2051*	*914*	2965
34333	*34698*	2014	2015	188	53	122	263	242	628	601	258	135	51	266	*1947*	*861*	2807
34698	*35064*	2015	2016	182	50	114	255	227	609	563	245	135	51	254	*1866*	*820*	2686
35064	*35429*	2016	2017	178	47	108	249	215	594	532	235	135	51	245	*1802*	*787*	2589
35429	*35794*	2017	2018	174	45	104	243	205	581	507	227	136	51	237	*1749*	*760*	2509
35794	*36159*	2018	2019	171	43	100	238	197	571	485	220	136	51	231	*1704*	*738*	2442
36159	*36525*	2019	2020	168	41	96	234	190	562	467	214	136	51	225	*1665*	*718*	2384
36525	*36890*	2020	2021	165	40	93	231	186	555	453	210	136	51	221	*1636*	*706*	2342
36890	*37255*	2021	2022	163	38	90	228	182	548	440	206	136	51	217	*1608*	*692*	2300
37255	*37620*	2022	2023	160	37	88	225	178	542	428	202	136	51	214	*1583*	*679*	2262
37620	*37986*	2023	2024	158	36	85	222	174	537	417	198	136	52	211	*1560*	*668*	2228
37986	*38351*	2024	2025	156	35	83	220	170	532	408	195	136	52	208	*1539*	*657*	2196

B-4(S2). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 2)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	***38716***	**2025**	**2026**	155	35	81	218	167	527	399	192	136	52	206	***1520***	***647***	**2167**
38716	***39081***	**2026**	**2027**	153	34	79	216	165	523	390	189	137	52	203	***1503***	***637***	**2140**
39081	***39447***	**2027**	**2028**	151	33	77	214	162	519	383	187	137	52	201	***1487***	***628***	**2115**
39447	***39812***	**2028**	**2029**	150	32	75	212	160	516	376	184	137	52	199	***1472***	***620***	**2092**
39812	***40177***	**2029**	**2030**	148	32	73	211	157	512	369	182	137	52	197	***1458***	***612***	**2070**
40177	***40542***	**2030**	**2031**	147	31	72	209	158	510	365	181	137	52	196	***1449***	***609***	**2058**
40542	***40908***	**2031**	**2032**	145	31	70	208	157	507	360	179	137	52	195	***1438***	***604***	**2042**
40908	***41273***	**2032**	**2033**	144	30	68	207	156	504	356	178	136	52	194	***1427***	***598***	**2026**
41273	***41638***	**2033**	**2034**	143	30	67	206	154	502	351	176	136	53	192	***1417***	***593***	**2010**
41638	***42003***	**2034**	**2035**	142	29	65	204	153	499	346	175	136	53	191	***1407***	***587***	**1994**
42003	***42369***	**2035**	**2036**	140	29	64	203	152	497	342	173	136	53	190	***1398***	***582***	**1980**
42369	***42734***	**2036**	**2037**	139	29	62	202	150	495	338	172	136	53	189	***1389***	***576***	**1965**
42734	***43099***	**2037**	**2038**	138	28	61	201	149	493	334	170	136	53	188	***1381***	***571***	**1952**
43099	***43464***	**2038**	**2039**	137	28	60	200	148	491	331	169	136	53	187	***1372***	***567***	**1939**
43464	***43830***	**2039**	**2040**	136	28	58	199	147	489	327	167	136	53	186	***1365***	***562***	**1927**
43830	***44195***	**2040**	**2041**	135	27	58	199	149	488	326	167	136	53	186	***1361***	***562***	**1923**
44195	***44560***	**2041**	**2042**	134	27	57	198	149	486	323	166	136	54	185	***1356***	***559***	**1915**
44560	***44925***	**2042**	**2043**	133	27	56	197	148	484	321	165	136	54	185	***1350***	***556***	**1906**
44925	***45291***	**2043**	**2044**	132	27	55	197	148	483	318	164	136	54	184	***1344***	***553***	**1896**
45291	***45656***	**2044**	**2045**	131	27	54	196	147	481	315	163	135	54	183	***1338***	***549***	**1887**
45656	***46021***	**2045**	**2046**	130	26	53	195	147	480	313	162	135	54	183	***1332***	***546***	**1878**
46021	***46386***	**2046**	**2047**	130	26	52	194	146	479	310	161	135	54	182	***1326***	***543***	**1869**
46386	***46752***	**2047**	**2048**	129	26	51	194	145	477	308	160	135	55	181	***1321***	***540***	**1861**
46752	***47117***	**2048**	**2049**	128	26	50	193	145	476	305	159	135	55	181	***1316***	***537***	**1852**
47117	***47482***	**2049**	**2050**	127	25	49	193	144	475	303	159	135	55	180	***1311***	***534***	**1844**
47482	***47847***	**2050**	**2051**	127	25	48	192	146	474	303	158	135	55	181	***1310***	***535***	**1845**
47847	***48213***	**2051**	**2052**	126	25	48	192	147	473	301	158	135	55	181	***1307***	***534***	**1840**
48213	***48578***	**2052**	**2053**	125	25	47	191	147	472	300	157	134	55	180	***1303***	***532***	**1835**
48578	***48943***	**2053**	**2054**	125	25	46	191	147	471	298	156	134	56	180	***1299***	***530***	**1829**
48943	***49308***	**2054**	**2055**	124	25	46	190	147	470	296	156	134	56	180	***1295***	***528***	**1823**
49308	***49674***	**2055**	**2056**	123	25	45	190	146	469	295	155	134	56	179	***1291***	***526***	**1817**
49674	***50039***	**2056**	**2057**	123	24	44	190	146	468	293	155	134	56	179	***1287***	***524***	**1811**
50039	***50404***	**2057**	**2058**	122	24	44	189	146	467	291	154	134	56	178	***1284***	***522***	**1805**
50404	***50769***	**2058**	**2059**	121	24	43	189	145	466	289	153	134	57	178	***1280***	***520***	**1800**
50769	***51135***	**2059**	**2060**	121	24	43	188	145	465	288	153	134	57	177	***1276***	***518***	**1794**
51135	***51500***	**2060**	**2061**	120	24	42	188	147	465	288	153	134	57	179	***1277***	***520***	**1797**
51500	***51865***	**2061**	**2062**	120	24	42	188	148	464	287	153	133	57	179	***1276***	***520***	**1795**
51865	***52230***	**2062**	**2063**	119	24	42	188	148	464	286	152	133	57	179	***1273***	***519***	**1792**
52230	***52596***	**2063**	**2064**	119	24	41	187	148	463	285	152	133	58	178	***1271***	***518***	**1789**
52596	***52961***	**2064**	**2065**	118	24	41	187	148	462	284	151	133	58	178	***1268***	***517***	**1785**
52961	***53326***	**2065**	**2066**	118	24	40	187	148	462	283	151	133	58	178	***1266***	***516***	**1781**
53326	***53691***	**2066**	**2067**	117	23	40	186	148	461	282	151	133	58	178	***1263***	***515***	**1777**

B-4(S2). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 2)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	117	23	40	186	148	460	280	150	133	58	177	1260	513	1774
54057	54422	2068	2069	116	23	39	186	148	459	279	150	133	59	177	1258	512	1770
54422	54787	2069	2070	116	23	39	185	148	459	278	150	133	59	177	1255	511	1766
54787	55152	2070	2071	116	23	39	185	150	459	279	150	133	59	178	1257	513	1770
55152	55518	2071	2072	116	23	39	185	151	459	278	150	133	59	179	1257	514	1771
55518	55883	2072	2073	115	23	39	185	151	458	278	150	133	60	179	1256	514	1769
55883	56248	2073	2074	115	23	38	185	151	458	277	149	133	60	179	1254	514	1768
56248	56613	2074	2075	115	23	38	184	151	457	277	149	133	60	178	1253	513	1766
56613	56979	2075	2076	114	23	38	184	151	457	276	149	133	60	178	1251	513	1764
56979	57344	2076	2077	114	23	38	184	151	456	275	149	133	60	178	1249	512	1761
57344	57709	2077	2078	113	23	37	184	151	456	274	149	133	61	178	1248	512	1759
57709	58074	2078	2079	113	23	37	184	151	455	274	148	133	61	178	1246	511	1757
58074	58440	2079	2080	113	23	37	183	151	455	273	148	133	61	178	1244	510	1755
58440	58805	2080	2081	113	23	37	183	153	455	274	148	133	61	179	1247	513	1760
58805	59170	2081	2082	113	23	37	183	154	455	274	149	133	62	180	1248	514	1762
59170	59535	2082	2083	112	23	37	183	155	455	274	149	133	62	180	1248	515	1763
59535	59901	2083	2084	112	23	37	183	155	455	274	149	133	62	180	1248	515	1763
59901	60266	2084	2085	112	23	37	183	155	455	274	149	133	62	180	1248	515	1763
60266	60631	2085	2086	112	23	37	183	155	454	274	149	133	62	180	1247	515	1762
60631	60996	2086	2087	111	23	37	183	156	454	274	149	133	63	180	1247	515	1762
60996	61362	2087	2088	111	23	37	183	156	454	273	149	133	63	180	1246	515	1761
61362	61727	2088	2089	111	23	37	182	156	454	273	148	134	63	180	1245	515	1760
61727	62092	2089	2090	111	22	37	182	156	454	273	148	134	63	180	1245	515	1759
62092	62457	2090	2091	111	22	37	183	158	454	274	149	134	64	182	1249	518	1766
62457	62823	2091	2092	111	23	37	183	159	454	275	149	134	64	182	1251	519	1770
62823	63188	2092	2093	111	23	37	183	159	455	276	149	134	64	183	1253	520	1773
63188	63553	2093	2094	111	23	37	183	160	455	277	150	134	64	183	1254	521	1775
63553	63918	2094	2095	110	23	37	183	160	455	277	150	134	64	183	1254	522	1776
63918	64284	2095	2096	110	23	37	183	160	455	278	150	134	65	183	1255	522	1777
64284	64649	2096	2097	110	23	37	183	160	455	278	150	135	65	183	1256	523	1778
64649	65014	2097	2098	110	23	37	183	161	455	278	150	135	65	184	1256	523	1779
65014	65379	2098	2099	110	23	37	182	161	455	278	150	135	65	184	1257	523	1780
65379	65745	2099	2100	110	22	37	182	161	455	278	150	135	66	184	1257	523	1781
65745	66110	2100	2101	110	23	38	183	163	456	281	150	135	66	185	1262	526	1789
66110	66475	2101	2102	110	23	38	183	163	457	282	151	135	66	186	1266	528	1794
66475	66840	2102	2103	110	23	38	183	164	457	284	151	136	66	187	1269	530	1799
66840	67206	2103	2104	110	23	38	183	165	458	285	151	136	66	187	1272	531	1802
67206	67571	2104	2105	110	23	39	183	165	458	286	152	136	67	188	1274	532	1806
67571	67936	2105	2106	110	23	39	183	165	458	287	152	136	67	188	1276	533	1809
67936	68301	2106	2107	110	23	39	183	166	459	288	152	136	67	188	1278	533	1811
68301	68667	2107	2108	110	23	39	183	166	459	289	152	137	67	189	1279	534	1814
68667	69032	2108	2109	110	23	39	184	166	460	290	152	137	67	189	1281	535	1816
69032	69397	2109	2110	110	23	39	184	166	460	290	152	137	67	189	1281	535	1816

B-4(S2). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 2)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3652*	1920	1930	0.0	0.0	0.0	0.2	0.3	0.9	0.2	0.7	0.7	0.4	0.4	*2.4*	*1.5*	3.9
3652	*7305*	1930	1940	0.0	0.0	0.0	0.2	0.3	0.9	0.2	0.7	0.7	0.4	0.4	*2.4*	*1.5*	3.9
7305	*14610*	1940	1960	0.0	0.0	0.0	0.2	0.3	0.9	0.4	0.7	0.9	0.4	0.4	*2.9*	*1.5*	4.3
14610	*18263*	1960	1970	0.1	0.0	0.0	0.2	0.3	0.9	0.4	0.7	1.0	0.4	0.4	*3.0*	*1.5*	4.5
18263	*21915*	1970	1980	0.1	0.0	0.0	0.2	0.3	0.9	0.5	0.7	1.0	0.4	0.4	*3.1*	*1.5*	4.6
21915	*24837*	1980	1988	0.1	0.0	0.0	0.2	0.3	1.0	0.5	0.8	1.0	0.4	0.4	*3.2*	*1.6*	4.8
24837	*25202*	1988	1989	0.1	0.0	0.0	0.2	0.3	1.0	0.5	0.8	1.1	0.4	0.4	*3.2*	*1.6*	4.8
25202	*25567*	1989	1990	0.1	0.0	0.0	0.2	0.3	1.0	0.5	0.8	1.1	0.4	0.4	*3.2*	*1.6*	4.8
25567	*25932*	1990	1991	0.1	0.0	0.0	0.2	0.3	1.0	0.6	0.8	1.1	0.4	0.4	*3.3*	*1.6*	4.9
25932	*26298*	1991	1992	0.1	0.0	0.0	0.2	0.3	1.0	0.6	0.8	1.1	0.4	0.5	*3.3*	*1.6*	4.9
26298	*26663*	1992	1993	0.1	0.0	0.0	0.2	0.3	1.0	0.6	0.8	1.1	0.4	0.5	*3.3*	*1.6*	4.9
26663	*27028*	1993	1994	0.1	0.0	0.0	0.2	0.3	1.0	0.6	0.8	1.1	0.4	0.5	*3.3*	*1.6*	4.9
27028	*27393*	1994	1995	0.1	0.0	0.0	0.2	0.3	1.0	0.6	0.8	1.1	0.4	0.5	*3.3*	*1.6*	4.9
27393	*27759*	1995	1996	0.1	0.0	0.0	0.2	0.3	1.0	0.6	0.8	1.1	0.4	0.5	*3.3*	*1.6*	4.9
27759	*28124*	1996	1997	0.1	0.0	0.0	0.2	0.3	1.0	0.6	0.8	1.1	0.4	0.5	*3.3*	*1.6*	4.9
28124	*28489*	1997	1998	0.1	0.0	0.0	0.2	0.3	1.0	0.6	0.8	1.1	0.4	0.5	*3.3*	*1.6*	4.9
28489	*28854*	1998	1999	0.1	0.0	0.0	0.2	0.3	1.0	0.6	0.8	1.1	0.4	0.5	*3.3*	*1.6*	4.9
28854	*29220*	1999	2000	0.1	0.0	0.0	0.2	0.3	1.0	0.6	0.8	1.1	0.4	0.5	*3.3*	*1.6*	4.9
29220	*29585*	2000	2001	0.0	0.0	0.0	0.1	0.4	0.8	0.2	0.7	1.1	0.4	0.4	*2.6*	*1.5*	4.1
29585	*29950*	2001	2002	0.0	0.0	0.0	0.2	0.4	0.8	0.3	0.7	1.1	0.4	0.4	*2.9*	*1.5*	4.4
29950	*30315*	2002	2003	0.1	0.0	0.1	0.2	0.5	1.0	1.0	0.8	1.1	0.4	0.5	*3.9*	*1.9*	5.8
30315	*30681*	2003	2004	0.1	0.1	0.2	0.3	0.6	1.2	1.5	0.9	1.1	0.4	0.6	*4.8*	*2.3*	7.1
30681	*31046*	2004	2005	0.1	0.0	0.0	0.2	0.3	0.9	0.6	0.8	1.1	0.4	0.4	*3.2*	*1.6*	4.8
31046	*31411*	2005	2006	0.1	0.0	0.0	0.2	0.3	0.9	0.6	0.8	1.1	0.4	0.5	*3.4*	*1.6*	5.0
31411	*31776*	2006	2007	0.1	0.0	0.1	0.2	0.3	1.0	0.7	0.8	1.1	0.4	0.5	*3.4*	*1.6*	5.1
31776	*32142*	2007	2008	0.2	0.1	0.4	0.3	0.8	1.3	2.1	1.0	1.1	0.4	0.7	*5.7*	*2.8*	8.5
32142	*32507*	2008	2009	0.5	0.2	1.3	0.6	2.9	2.3	6.1	2.3	1.2	0.4	1.7	*12.1*	*7.4*	19.5
32507	*32872*	2009	2010	0.7	0.3	1.9	0.8	4.4	3.0	8.9	3.3	1.2	0.4	2.5	*16.7*	*10.8*	27.4
32872	*33237*	2010	2011	0.6	0.3	1.4	0.7	3.0	2.5	6.7	2.6	1.1	0.4	1.9	*13.2*	*8.0*	21.1
33237	*33603*	2011	2012	0.5	0.2	1.2	0.6	2.4	2.2	5.7	2.3	1.1	0.4	1.7	*11.5*	*6.8*	18.2
33603	*33968*	2012	2013	0.5	0.2	1.0	0.6	2.1	2.1	5.0	2.1	1.1	0.4	1.5	*10.4*	*6.1*	16.5
33968	*34333*	2013	2014	0.5	0.2	0.9	0.5	1.8	2.0	4.6	1.9	1.1	0.4	1.4	*9.7*	*5.6*	15.3
34333	*34698*	2014	2015	0.5	0.2	0.9	0.5	1.7	1.9	4.2	1.8	1.1	0.4	1.3	*9.2*	*5.2*	14.4
34698	*35064*	2015	2016	0.5	0.1	0.8	0.5	1.6	1.8	3.9	1.7	1.1	0.4	1.3	*8.8*	*5.0*	13.7
35064	*35429*	2016	2017	0.4	0.1	0.8	0.5	1.5	1.8	3.7	1.6	1.1	0.4	1.2	*8.5*	*4.8*	13.2
35429	*35794*	2017	2018	0.4	0.1	0.7	0.5	1.4	1.7	3.5	1.6	1.1	0.4	1.2	*8.2*	*4.6*	12.8
35794	*36159*	2018	2019	0.4	0.1	0.7	0.5	1.4	1.7	3.4	1.5	1.1	0.4	1.2	*8.0*	*4.4*	12.4
36159	*36525*	2019	2020	0.4	0.1	0.7	0.5	1.3	1.7	3.3	1.5	1.1	0.4	1.1	*7.8*	*4.3*	12.1
36525	*36890*	2020	2021	0.4	0.1	0.7	0.5	1.3	1.7	3.2	1.5	1.1	0.4	1.1	*7.6*	*4.2*	11.9
36890	*37255*	2021	2022	0.4	0.1	0.6	0.5	1.3	1.6	3.1	1.4	1.1	0.4	1.1	*7.5*	*4.2*	11.6
37255	*37620*	2022	2023	0.4	0.1	0.6	0.5	1.2	1.6	3.0	1.4	1.1	0.4	1.1	*7.3*	*4.1*	11.4
37620	*37986*	2023	2024	0.4	0.1	0.6	0.4	1.2	1.6	2.9	1.4	1.1	0.4	1.1	*7.2*	*4.0*	11.2
37986	*38351*	2024	2025	0.4	0.1	0.6	0.4	1.2	1.6	2.9	1.4	1.1	0.4	1.0	*7.1*	*3.9*	11.1

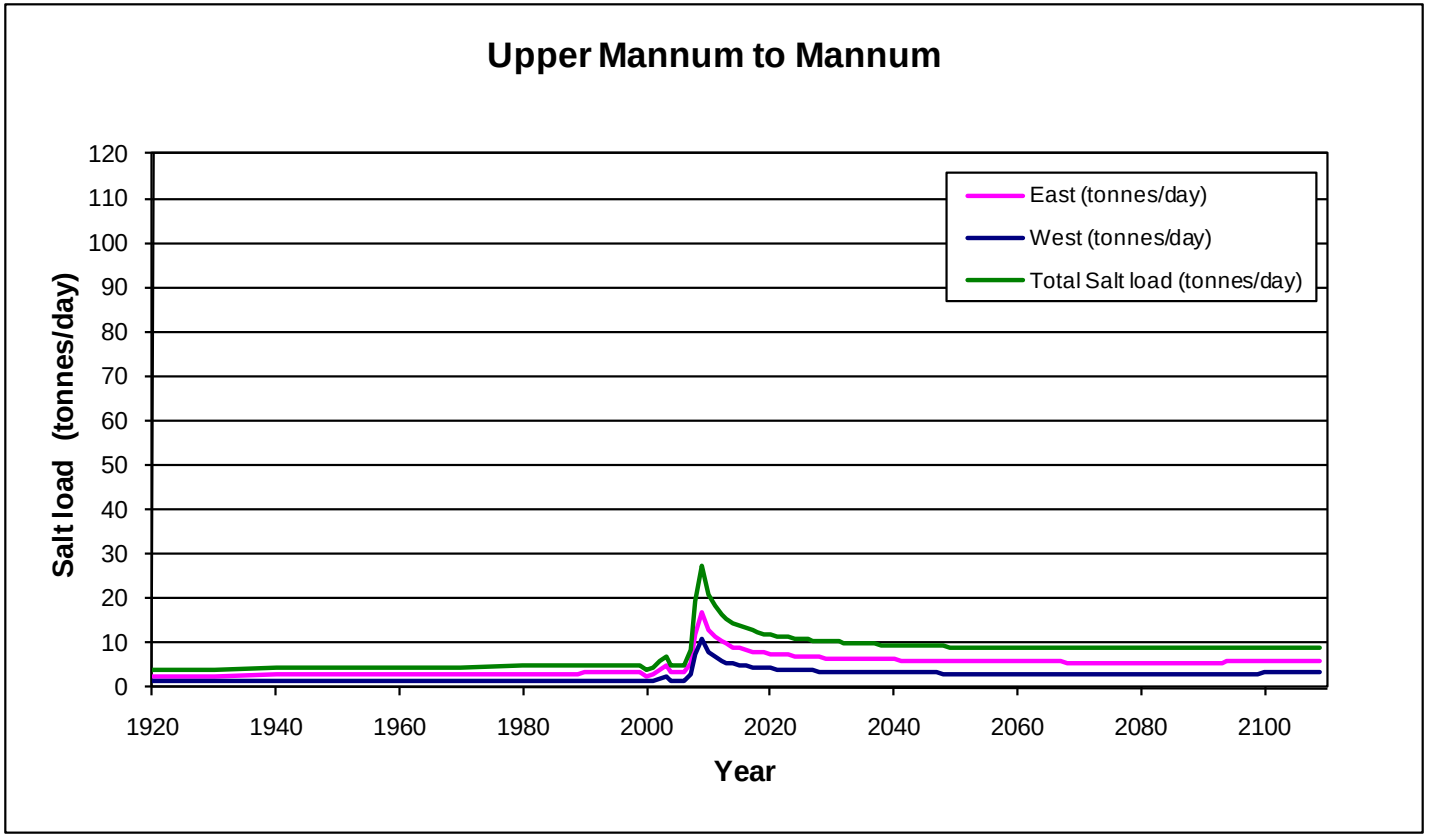
B-4(S2). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 2)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.4	0.1	0.6	0.4	1.2	1.6	2.8	1.3	1.1	0.4	1.0	7.0	3.9	10.9
38716	39081	2026	2027	0.4	0.1	0.6	0.4	1.2	1.6	2.7	1.3	1.1	0.4	1.0	6.9	3.8	10.8
39081	39447	2027	2028	0.4	0.1	0.5	0.4	1.1	1.6	2.7	1.3	1.1	0.4	1.0	6.9	3.8	10.6
39447	39812	2028	2029	0.4	0.1	0.5	0.4	1.1	1.5	2.6	1.3	1.1	0.4	1.0	6.8	3.7	10.5
39812	40177	2029	2030	0.4	0.1	0.5	0.4	1.1	1.5	2.6	1.3	1.1	0.4	1.0	6.7	3.7	10.4
40177	40542	2030	2031	0.4	0.1	0.5	0.4	1.1	1.5	2.6	1.3	1.1	0.4	1.0	6.7	3.7	10.3
40542	40908	2031	2032	0.4	0.1	0.5	0.4	1.1	1.5	2.5	1.3	1.1	0.4	1.0	6.6	3.6	10.2
40908	41273	2032	2033	0.4	0.1	0.5	0.4	1.1	1.5	2.5	1.2	1.1	0.4	1.0	6.6	3.6	10.2
41273	41638	2033	2034	0.4	0.1	0.5	0.4	1.1	1.5	2.5	1.2	1.1	0.4	1.0	6.5	3.6	10.1
41638	42003	2034	2035	0.4	0.1	0.5	0.4	1.1	1.5	2.4	1.2	1.1	0.4	1.0	6.5	3.5	10.0
42003	42369	2035	2036	0.4	0.1	0.4	0.4	1.1	1.5	2.4	1.2	1.1	0.4	0.9	6.4	3.5	9.9
42369	42734	2036	2037	0.3	0.1	0.4	0.4	1.1	1.5	2.4	1.2	1.1	0.4	0.9	6.4	3.5	9.8
42734	43099	2037	2038	0.3	0.1	0.4	0.4	1.0	1.5	2.3	1.2	1.1	0.4	0.9	6.3	3.4	9.8
43099	43464	2038	2039	0.3	0.1	0.4	0.4	1.0	1.5	2.3	1.2	1.1	0.4	0.9	6.3	3.4	9.7
43464	43830	2039	2040	0.3	0.1	0.4	0.4	1.0	1.5	2.3	1.2	1.1	0.4	0.9	6.3	3.4	9.6
43830	44195	2040	2041	0.3	0.1	0.4	0.4	1.0	1.5	2.3	1.2	1.1	0.4	0.9	6.2	3.4	9.6
44195	44560	2041	2042	0.3	0.1	0.4	0.4	1.0	1.5	2.3	1.2	1.1	0.4	0.9	6.2	3.4	9.6
44560	44925	2042	2043	0.3	0.1	0.4	0.4	1.0	1.5	2.2	1.2	1.1	0.4	0.9	6.2	3.3	9.5
44925	45291	2043	2044	0.3	0.1	0.4	0.4	1.0	1.4	2.2	1.1	1.1	0.4	0.9	6.2	3.3	9.5
45291	45656	2044	2045	0.3	0.1	0.4	0.4	1.0	1.4	2.2	1.1	1.1	0.4	0.9	6.1	3.3	9.4
45656	46021	2045	2046	0.3	0.1	0.4	0.4	1.0	1.4	2.2	1.1	1.1	0.4	0.9	6.1	3.3	9.4
46021	46386	2046	2047	0.3	0.1	0.4	0.4	1.0	1.4	2.2	1.1	1.1	0.4	0.9	6.1	3.3	9.3
46386	46752	2047	2048	0.3	0.1	0.4	0.4	1.0	1.4	2.2	1.1	1.1	0.4	0.9	6.0	3.3	9.3
46752	47117	2048	2049	0.3	0.1	0.3	0.4	1.0	1.4	2.1	1.1	1.1	0.4	0.9	6.0	3.2	9.2
47117	47482	2049	2050	0.3	0.1	0.3	0.4	1.0	1.4	2.1	1.1	1.1	0.4	0.9	6.0	3.2	9.2
47482	47847	2050	2051	0.3	0.1	0.3	0.4	1.0	1.4	2.1	1.1	1.1	0.4	0.9	6.0	3.2	9.2
47847	48213	2051	2052	0.3	0.1	0.3	0.4	1.0	1.4	2.1	1.1	1.1	0.4	0.9	6.0	3.2	9.2
48213	48578	2052	2053	0.3	0.1	0.3	0.4	1.0	1.4	2.1	1.1	1.1	0.4	0.9	5.9	3.2	9.2
48578	48943	2053	2054	0.3	0.1	0.3	0.4	1.0	1.4	2.1	1.1	1.1	0.4	0.9	5.9	3.2	9.1
48943	49308	2054	2055	0.3	0.1	0.3	0.4	1.0	1.4	2.1	1.1	1.1	0.4	0.9	5.9	3.2	9.1
49308	49674	2055	2056	0.3	0.1	0.3	0.4	1.0	1.4	2.1	1.1	1.1	0.4	0.9	5.9	3.2	9.1
49674	50039	2056	2057	0.3	0.1	0.3	0.4	1.0	1.4	2.0	1.1	1.1	0.4	0.9	5.9	3.2	9.0
50039	50404	2057	2058	0.3	0.1	0.3	0.4	1.0	1.4	2.0	1.1	1.1	0.5	0.9	5.9	3.2	9.0
50404	50769	2058	2059	0.3	0.1	0.3	0.4	1.0	1.4	2.0	1.1	1.1	0.5	0.9	5.8	3.2	9.0
50769	51135	2059	2060	0.3	0.1	0.3	0.4	1.0	1.4	2.0	1.1	1.1	0.5	0.9	5.8	3.1	9.0
51135	51500	2060	2061	0.3	0.1	0.3	0.4	1.0	1.4	2.0	1.1	1.1	0.5	0.9	5.8	3.2	9.0
51500	51865	2061	2062	0.3	0.1	0.3	0.4	1.0	1.4	2.0	1.1	1.1	0.5	0.9	5.8	3.2	9.0
51865	52230	2062	2063	0.3	0.1	0.3	0.4	1.0	1.4	2.0	1.1	1.1	0.5	0.9	5.8	3.2	9.0
52230	52596	2063	2064	0.3	0.1	0.3	0.4	1.0	1.4	2.0	1.1	1.1	0.5	0.9	5.8	3.1	8.9
52596	52961	2064	2065	0.3	0.1	0.3	0.4	1.0	1.4	2.0	1.1	1.1	0.5	0.9	5.8	3.1	8.9
52961	53326	2065	2066	0.3	0.1	0.3	0.4	1.0	1.4	2.0	1.1	1.1	0.5	0.9	5.8	3.1	8.9
53326	53691	2066	2067	0.3	0.1	0.3	0.4	1.0	1.4	2.0	1.1	1.1	0.5	0.9	5.7	3.1	8.9

B-4(S2). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 2)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	0.3	0.1	0.3	0.4	1.0	1.4	2.0	1.1	1.1	0.5	0.9	5.7	3.1	8.9
54057	54422	2068	2069	0.3	0.1	0.3	0.4	1.0	1.4	2.0	1.0	1.1	0.5	0.9	5.7	3.1	8.8
54422	54787	2069	2070	0.3	0.1	0.3	0.4	1.0	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.1	8.8
54787	55152	2070	2071	0.3	0.1	0.3	0.4	1.0	1.4	2.0	1.0	1.1	0.5	0.9	5.7	3.1	8.9
55152	55518	2071	2072	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.1	8.9
55518	55883	2072	2073	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.1	8.9
55883	56248	2073	2074	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.1	8.8
56248	56613	2074	2075	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.1	8.8
56613	56979	2075	2076	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.1	8.8
56979	57344	2076	2077	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.1	8.8
57344	57709	2077	2078	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.1	8.8
57709	58074	2078	2079	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.1	8.8
58074	58440	2079	2080	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.1	8.8
58440	58805	2080	2081	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.1	8.8
58805	59170	2081	2082	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.2	8.8
59170	59535	2082	2083	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.2	8.8
59535	59901	2083	2084	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.2	8.8
59901	60266	2084	2085	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.2	8.8
60266	60631	2085	2086	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.2	8.8
60631	60996	2086	2087	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.2	8.8
60996	61362	2087	2088	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.2	8.8
61362	61727	2088	2089	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.2	8.8
61727	62092	2089	2090	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.2	8.8
62092	62457	2090	2091	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.2	8.9
62457	62823	2091	2092	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.2	8.9
62823	63188	2092	2093	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.2	8.9
63188	63553	2093	2094	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.2	8.9
63553	63918	2094	2095	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.2	8.9
63918	64284	2095	2096	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.2	9.0
64284	64649	2096	2097	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.2	9.0
64649	65014	2097	2098	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.2	9.0
65014	65379	2098	2099	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.2	9.0
65379	65745	2099	2100	0.3	0.1	0.3	0.4	1.1	1.4	1.9	1.0	1.1	0.5	0.9	5.7	3.2	9.0
65745	66110	2100	2101	0.3	0.1	0.3	0.4	1.1	1.4	2.0	1.1	1.1	0.5	0.9	5.8	3.3	9.0
66110	66475	2101	2102	0.3	0.1	0.3	0.4	1.1	1.4	2.0	1.1	1.1	0.5	0.9	5.8	3.3	9.1
66475	66840	2102	2103	0.3	0.1	0.3	0.4	1.1	1.4	2.0	1.1	1.1	0.5	0.9	5.8	3.3	9.1
66840	67206	2103	2104	0.3	0.1	0.3	0.4	1.2	1.4	2.0	1.1	1.1	0.5	0.9	5.8	3.3	9.1
67206	67571	2104	2105	0.3	0.1	0.3	0.4	1.2	1.4	2.0	1.1	1.1	0.5	0.9	5.8	3.3	9.1
67571	67936	2105	2106	0.3	0.1	0.3	0.4	1.2	1.4	2.0	1.1	1.1	0.5	0.9	5.9	3.3	9.2
67936	68301	2106	2107	0.3	0.1	0.3	0.4	1.2	1.4	2.0	1.1	1.1	0.5	0.9	5.9	3.3	9.2
68301	68667	2107	2108	0.3	0.1	0.3	0.4	1.2	1.4	2.0	1.1	1.1	0.5	0.9	5.9	3.3	9.2
68667	69032	2108	2109	0.3	0.1	0.3	0.4	1.2	1.4	2.0	1.1	1.1	0.5	0.9	5.9	3.3	9.2
69032	69397	2109	2110	0.3	0.1	0.3	0.4	1.2	1.4	2.0	1.1	1.1	0.5	0.9	5.9	3.3	9.2
	Salinity (mg/L)			2,500	3,000	7,000	2,000	7,000	3,000	7,000	7,000	8,000	8,000	5,000			

B-4(S2). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 2)



B-4(S2). Graph of modelled salt load (tonnes/day) entering the River Murray in the Upper Mannum to Mannum area (Scenario 2)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	15	5	2	96	44	308	18	103	84	51	88	*598*	*215*	813
3652	*7305*	1930	1940	14	5	2	96	44	307	17	103	79	50	88	*593*	*213*	806
7305	*14610*	1940	1960	14	5	2	96	44	307	15	102	74	48	87	*586*	*210*	795
14610	*18263*	1960	1970	14	5	2	96	44	307	15	102	72	47	87	*583*	*209*	791
18263	*21915*	1970	1980	14	5	2	96	44	307	14	101	71	47	87	*580*	*208*	788
21915	*24837*	1980	1988	14	5	2	96	44	307	13	101	70	46	87	*579*	*207*	785
24837	*25202*	1988	1989	14	5	2	96	44	307	13	101	70	46	87	*578*	*207*	785
25202	*25567*	1989	1990	14	5	2	96	44	307	13	101	70	46	87	*578*	*207*	785
25567	*25932*	1990	1991	14	5	2	96	44	307	13	101	69	46	87	*578*	*207*	785
25932	*26298*	1991	1992	14	5	2	96	44	307	13	101	69	46	87	*578*	*207*	785
26298	*26663*	1992	1993	14	5	2	96	44	307	13	101	69	46	87	*578*	*207*	785
26663	*27028*	1993	1994	14	5	2	96	44	307	13	101	69	46	87	*578*	*206*	784
27028	*27393*	1994	1995	14	5	2	96	44	307	13	101	69	46	87	*578*	*206*	784
27393	*27759*	1995	1996	14	5	2	96	44	307	13	101	69	46	87	*578*	*206*	784
27759	*28124*	1996	1997	14	5	2	96	44	307	13	101	69	46	87	*578*	*206*	784
28124	*28489*	1997	1998	14	5	2	96	44	307	13	101	69	46	87	*577*	*206*	784
28489	*28854*	1998	1999	14	5	2	96	44	307	13	101	69	46	87	*577*	*206*	783
28854	*29220*	1999	2000	13	5	2	96	44	307	13	101	69	46	87	*577*	*206*	783
29220	*29585*	2000	2001	4	0	0	74	53	247	0	99	70	46	81	*472*	*202*	674
29585	*29950*	2001	2002	7	0	15	94	78	637	41	99	72	46	113	*957*	*243*	1200
29950	*30315*	2002	2003	24	10	60	126	149	829	126	107	74	45	142	*1307*	*386*	1693
30315	*30681*	2003	2004	44	17	98	151	194	921	207	118	75	45	163	*1534*	*498*	2032
30681	*31046*	2004	2005	21	3	76	120	143	841	73	98	74	45	126	*1237*	*383*	1620
31046	*31411*	2005	2006	25	5	87	124	156	844	80	100	75	44	131	*1258*	*412*	1670
31411	*31776*	2006	2007	27	5	91	125	158	829	78	100	75	44	131	*1244*	*421*	1665
31776	*32142*	2007	2008	69	25	143	177	240	935	277	133	77	44	183	*1674*	*629*	2303
32142	*32507*	2008	2009	189	77	273	333	543	1215	832	315	80	44	372	*2909*	*1365*	4274
32507	*32872*	2009	2010	287	112	362	450	748	1418	1225	458	79	44	529	*3812*	*1898*	5710
32872	*33237*	2010	2011	238	82	288	373	539	1233	914	356	72	44	421	*3094*	*1465*	4559
33237	*33603*	2011	2012	216	69	255	340	453	1147	761	308	70	44	368	*2755*	*1276*	4031
33603	*33968*	2012	2013	203	60	234	321	406	1097	665	278	69	44	336	*2548*	*1165*	3713
33968	*34333*	2013	2014	194	54	221	307	376	1063	599	257	69	44	314	*2406*	*1092*	3498
34333	*34698*	2014	2015	188	50	212	297	355	1039	549	241	68	44	299	*2303*	*1039*	3341
34698	*35064*	2015	2016	182	46	205	289	340	1021	511	228	68	44	287	*2222*	*999*	3221
35064	*35429*	2016	2017	178	43	200	283	328	1006	480	218	68	44	277	*2158*	*968*	3126
35429	*35794*	2017	2018	175	41	196	278	319	995	454	210	69	43	270	*2106*	*942*	3048
35794	*36159*	2018	2019	172	39	192	273	311	985	432	203	69	43	263	*2062*	*921*	2983
36159	*36525*	2019	2020	169	37	189	270	305	977	414	197	69	43	258	*2024*	*903*	2927
36525	*36890*	2020	2021	167	36	187	266	300	970	398	192	69	43	254	*1992*	*888*	2881
36890	*37255*	2021	2022	165	34	185	263	295	964	384	187	69	43	250	*1964*	*875*	2838
37255	*37620*	2022	2023	163	33	183	261	291	959	371	183	69	43	246	*1939*	*862*	2801
37620	*37986*	2023	2024	161	32	181	258	288	954	361	179	69	43	243	*1918*	*852*	2771
37986	*38351*	2024	2025	159	31	179	257	285	950	352	176	69	43	241	*1900*	*844*	2744

B-4(S3a). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 3a)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	***38716***	**2025**	**2026**	158	31	178	255	283	947	344	174	69	43	239	***1885***	***836***	**2721**
38716	***39081***	**2026**	**2027**	157	30	177	253	281	944	337	172	69	43	237	***1870***	***829***	**2699**
39081	***39447***	**2027**	**2028**	157	30	176	253	281	944	336	171	69	43	237	***1868***	***828***	**2696**
39447	***39812***	**2028**	**2029**	156	30	176	253	280	943	335	171	69	43	236	***1867***	***827***	**2694**
39812	***40177***	**2029**	**2030**	156	30	176	253	280	943	334	171	69	43	236	***1865***	***826***	**2691**
40177	***40542***	**2030**	**2031**	156	30	176	253	280	943	334	170	69	43	236	***1863***	***826***	**2689**
40542	***40908***	**2031**	**2032**	156	30	176	252	280	942	333	170	69	43	236	***1862***	***825***	**2686**
40908	***41273***	**2032**	**2033**	156	29	176	252	279	942	332	170	69	43	235	***1860***	***824***	**2684**
41273	***41638***	**2033**	**2034**	156	29	176	252	279	942	331	170	69	43	235	***1858***	***823***	**2681**
41638	***42003***	**2034**	**2035**	156	29	175	252	279	941	330	169	69	43	235	***1857***	***822***	**2679**
42003	***42369***	**2035**	**2036**	155	29	175	252	279	941	330	169	69	43	235	***1855***	***822***	**2677**
42369	***42734***	**2036**	**2037**	155	29	175	252	278	941	329	169	69	43	235	***1854***	***821***	**2674**
42734	***43099***	**2037**	**2038**	155	29	175	251	278	940	328	169	69	43	234	***1852***	***820***	**2672**
43099	***43464***	**2038**	**2039**	155	29	175	251	278	940	327	168	69	43	234	***1850***	***819***	**2670**
43464	***43830***	**2039**	**2040**	155	29	175	251	278	940	326	168	69	43	234	***1849***	***818***	**2667**
43830	***44195***	**2040**	**2041**	155	29	174	251	278	939	326	168	69	43	234	***1847***	***818***	**2665**
44195	***44560***	**2041**	**2042**	155	29	174	251	277	939	325	168	69	43	234	***1846***	***817***	**2663**
44560	***44925***	**2042**	**2043**	154	29	174	251	277	939	324	167	69	43	233	***1844***	***816***	**2660**
44925	***45291***	**2043**	**2044**	154	29	174	250	277	938	323	167	69	43	233	***1843***	***815***	**2658**
45291	***45656***	**2044**	**2045**	154	29	174	250	277	938	323	167	69	43	233	***1841***	***815***	**2656**
45656	***46021***	**2045**	**2046**	154	28	174	250	276	938	322	167	69	43	233	***1840***	***814***	**2654**
46021	***46386***	**2046**	**2047**	154	28	174	250	276	937	321	166	69	43	233	***1838***	***813***	**2651**
46386	***46752***	**2047**	**2048**	154	28	173	250	276	937	320	166	69	43	232	***1837***	***812***	**2649**
46752	***47117***	**2048**	**2049**	154	28	173	250	276	937	320	166	69	43	232	***1835***	***812***	**2647**
47117	***47482***	**2049**	**2050**	153	28	173	250	276	937	319	166	69	43	232	***1834***	***811***	**2645**
47482	***47847***	**2050**	**2051**	153	28	173	249	275	936	318	165	69	43	232	***1833***	***810***	**2643**
47847	***48213***	**2051**	**2052**	153	28	173	249	275	936	318	165	69	43	232	***1831***	***809***	**2641**
48213	***48578***	**2052**	**2053**	153	28	173	249	275	936	317	165	69	43	231	***1830***	***809***	**2639**
48578	***48943***	**2053**	**2054**	153	28	173	249	275	935	316	165	69	43	231	***1828***	***808***	**2636**
48943	***49308***	**2054**	**2055**	153	28	172	249	275	935	315	164	69	43	231	***1827***	***807***	**2634**
49308	***49674***	**2055**	**2056**	153	28	172	249	274	935	315	164	69	43	231	***1826***	***807***	**2632**
49674	***50039***	**2056**	**2057**	152	28	172	248	274	935	314	164	69	43	231	***1824***	***806***	**2630**
50039	***50404***	**2057**	**2058**	152	28	172	248	274	934	313	164	69	43	230	***1823***	***805***	**2628**
50404	***50769***	**2058**	**2059**	152	28	172	248	274	934	313	164	69	43	230	***1822***	***804***	**2626**
50769	***51135***	**2059**	**2060**	152	28	172	248	274	934	312	163	69	43	230	***1820***	***804***	**2624**
51135	***51500***	**2060**	**2061**	152	27	172	248	274	933	311	163	69	43	230	***1819***	***803***	**2622**
51500	***51865***	**2061**	**2062**	152	27	171	248	273	933	311	163	69	43	230	***1818***	***802***	**2620**
51865	***52230***	**2062**	**2063**	152	27	171	248	273	933	310	163	69	43	230	***1816***	***802***	**2618**
52230	***52596***	**2063**	**2064**	152	27	171	247	273	933	310	162	69	43	229	***1815***	***801***	**2616**
52596	***52961***	**2064**	**2065**	151	27	171	247	273	932	309	162	69	43	229	***1814***	***800***	**2614**
52961	***53326***	**2065**	**2066**	151	27	171	247	273	932	308	162	69	43	229	***1813***	***800***	**2612**
53326	***53691***	**2066**	**2067**	151	27	171	247	272	932	308	162	69	43	229	***1811***	***799***	**2610**

B-4(S3a). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 3a)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	*54057*	2067	2068	151	27	171	247	272	932	307	162	69	43	229	*1810*	*798*	2609
54057	*54422*	2068	2069	151	27	170	247	272	931	306	161	69	43	229	*1809*	*798*	2607
54422	*54787*	2069	2070	151	27	170	247	272	931	306	161	69	43	228	*1808*	*797*	2605
54787	*55152*	2070	2071	151	27	170	247	272	931	305	161	69	43	228	*1806*	*797*	2603
55152	*55518*	2071	2072	151	27	170	246	272	931	305	161	69	43	228	*1805*	*796*	2601
55518	*55883*	2072	2073	150	27	170	246	271	930	304	161	69	43	228	*1804*	*795*	2599
55883	*56248*	2073	2074	150	27	170	246	271	930	303	160	69	43	228	*1803*	*795*	2597
56248	*56613*	2074	2075	150	27	170	246	271	930	303	160	69	43	228	*1802*	*794*	2596
56613	*56979*	2075	2076	150	27	169	246	271	930	302	160	69	43	227	*1800*	*793*	2594
56979	*57344*	2076	2077	150	26	169	246	271	929	302	160	69	43	227	*1799*	*793*	2592
57344	*57709*	2077	2078	150	26	169	246	271	929	301	160	69	43	227	*1798*	*792*	2590
57709	*58074*	2078	2079	150	26	169	246	270	929	300	159	69	43	227	*1797*	*792*	2588
58074	*58440*	2079	2080	150	26	169	245	270	929	300	159	69	43	227	*1796*	*791*	2587
58440	*58805*	2080	2081	149	26	169	245	270	928	299	159	69	43	227	*1795*	*790*	2585
58805	*59170*	2081	2082	149	26	169	245	270	928	299	159	69	43	227	*1793*	*790*	2583
59170	*59535*	2082	2083	149	26	169	245	270	928	298	159	69	43	226	*1792*	*789*	2581
59535	*59901*	2083	2084	149	26	168	245	270	928	298	158	69	43	226	*1791*	*789*	2580
59901	*60266*	2084	2085	149	26	168	245	270	927	297	158	69	43	226	*1790*	*788*	2578
60266	*60631*	2085	2086	149	26	168	245	269	927	296	158	69	43	226	*1789*	*787*	2576
60631	*60996*	2086	2087	149	26	168	245	269	927	296	158	69	43	226	*1788*	*787*	2575
60996	*61362*	2087	2088	149	26	168	244	269	927	295	158	69	43	226	*1787*	*786*	2573
61362	*61727*	2088	2089	149	26	168	244	269	927	295	157	69	43	226	*1786*	*786*	2571
61727	*62092*	2089	2090	148	26	168	244	269	926	294	157	69	43	225	*1785*	*785*	2570
62092	*62457*	2090	2091	148	26	167	244	269	926	294	157	69	43	225	*1784*	*784*	2568
62457	*62823*	2091	2092	148	26	167	244	268	926	293	157	69	43	225	*1782*	*784*	2566
62823	*63188*	2092	2093	148	26	167	244	268	926	293	157	69	43	225	*1781*	*783*	2565
63188	*63553*	2093	2094	148	26	167	244	268	925	292	157	69	43	225	*1780*	*783*	2563
63553	*63918*	2094	2095	148	26	167	244	268	925	292	156	69	43	225	*1779*	*782*	2561
63918	*64284*	2095	2096	148	25	167	244	268	925	291	156	69	43	225	*1778*	*782*	2560
64284	*64649*	2096	2097	148	25	167	243	268	925	291	156	69	43	224	*1777*	*781*	2558
64649	*65014*	2097	2098	148	25	167	243	268	925	290	156	69	43	224	*1776*	*781*	2557
65014	*65379*	2098	2099	147	25	166	243	267	924	290	156	69	43	224	*1775*	*780*	2555
65379	*65745*	2099	2100	147	25	166	243	267	924	289	156	69	43	224	*1774*	*779*	2554
65745	*66110*	2100	2101	147	25	166	243	267	924	289	155	69	43	224	*1773*	*779*	2552
66110	*66475*	2101	2102	147	25	166	243	267	924	288	155	69	43	224	*1772*	*778*	2550
66475	*66840*	2102	2103	147	25	166	243	267	924	288	155	69	43	224	*1771*	*778*	2549
66840	*67206*	2103	2104	147	25	166	243	267	923	287	155	69	43	223	*1770*	*777*	2547
67206	*67571*	2104	2105	147	25	166	243	267	923	287	155	69	43	223	*1769*	*777*	2546
67571	*67936*	2105	2106	147	25	166	242	267	923	286	154	68	43	223	*1768*	*776*	2544
67936	*68301*	2106	2107	147	25	166	242	266	923	286	154	68	43	223	*1767*	*776*	2543
68301	*68667*	2107	2108	146	25	165	242	266	923	285	154	68	43	223	*1766*	*775*	2541
68667	*69032*	2108	2109	146	25	165	242	266	922	285	154	68	43	223	*1765*	*775*	2540
69032	*69397*	2109	2110	146	25	165	242	266	922	285	154	68	43	223	*1765*	*775*	2540

B-4(S3a). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 3a)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3652*	1920	1930	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.7	0.4	0.4	***2.4***	***1.5***	**3.9**
3652	*7305*	1930	1940	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.3***	***1.5***	**3.8**
7305	*14610*	1940	1960	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.3***	***1.5***	**3.7**
14610	*18263*	1960	1970	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.7**
18263	*21915*	1970	1980	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.7**
21915	*24837*	1980	1988	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
24837	*25202*	1988	1989	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
25202	*25567*	1989	1990	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
25567	*25932*	1990	1991	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
25932	*26298*	1991	1992	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
26298	*26663*	1992	1993	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
26663	*27028*	1993	1994	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
27028	*27393*	1994	1995	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
27393	*27759*	1995	1996	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
27759	*28124*	1996	1997	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
28124	*28489*	1997	1998	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
28489	*28854*	1998	1999	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
28854	*29220*	1999	2000	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
29220	*29585*	2000	2001	0.0	0.0	0.0	0.1	0.4	0.7	0.0	0.7	0.6	0.4	0.4	***1.9***	***1.4***	**3.3**
29585	*29950*	2001	2002	0.0	0.0	0.1	0.2	0.5	1.9	0.3	0.7	0.6	0.4	0.6	***3.5***	***1.7***	**5.2**
29950	*30315*	2002	2003	0.1	0.0	0.4	0.3	1.0	2.5	0.9	0.7	0.6	0.4	0.7	***5.0***	***2.6***	**7.6**
30315	*30681*	2003	2004	0.1	0.1	0.7	0.3	1.4	2.8	1.5	0.8	0.6	0.4	0.8	***6.0***	***3.3***	**9.3**
30681	*31046*	2004	2005	0.1	0.0	0.5	0.2	1.0	2.5	0.5	0.7	0.6	0.4	0.6	***4.5***	***2.6***	**7.1**
31046	*31411*	2005	2006	0.1	0.0	0.6	0.2	1.1	2.5	0.6	0.7	0.6	0.4	0.7	***4.6***	***2.8***	**7.4**
31411	*31776*	2006	2007	0.1	0.0	0.6	0.3	1.1	2.5	0.5	0.7	0.6	0.4	0.7	***4.6***	***2.9***	**7.4**
31776	*32142*	2007	2008	0.2	0.1	1.0	0.4	1.7	2.8	1.9	0.9	0.6	0.4	0.9	***6.7***	***4.1***	**10.8**
32142	*32507*	2008	2009	0.5	0.2	1.9	0.7	3.8	3.6	5.8	2.2	0.6	0.4	1.9	***12.9***	***8.7***	**21.6**
32507	*32872*	2009	2010	0.7	0.3	2.5	0.9	5.2	4.3	8.6	3.2	0.6	0.4	2.6	***17.3***	***12.0***	**29.4**
32872	*33237*	2010	2011	0.6	0.2	2.0	0.7	3.8	3.7	6.4	2.5	0.6	0.4	2.1	***13.8***	***9.2***	**23.0**
33237	*33603*	2011	2012	0.5	0.2	1.8	0.7	3.2	3.4	5.3	2.2	0.6	0.4	1.8	***12.1***	***8.0***	**20.1**
33603	*33968*	2012	2013	0.5	0.2	1.6	0.6	2.8	3.3	4.7	1.9	0.6	0.4	1.7	***11.0***	***7.3***	**18.3**
33968	*34333*	2013	2014	0.5	0.2	1.5	0.6	2.6	3.2	4.2	1.8	0.5	0.3	1.6	***10.3***	***6.8***	**17.1**
34333	*34698*	2014	2015	0.5	0.1	1.5	0.6	2.5	3.1	3.8	1.7	0.5	0.3	1.5	***9.7***	***6.5***	**16.2**
34698	*35064*	2015	2016	0.5	0.1	1.4	0.6	2.4	3.1	3.6	1.6	0.5	0.3	1.4	***9.3***	***6.2***	**15.5**
35064	*35429*	2016	2017	0.4	0.1	1.4	0.6	2.3	3.0	3.4	1.5	0.5	0.3	1.4	***9.0***	***6.0***	**15.0**
35429	*35794*	2017	2018	0.4	0.1	1.4	0.6	2.2	3.0	3.2	1.5	0.5	0.3	1.3	***8.7***	***5.9***	**14.6**
35794	*36159*	2018	2019	0.4	0.1	1.3	0.5	2.2	3.0	3.0	1.4	0.5	0.3	1.3	***8.5***	***5.7***	**14.2**
36159	*36525*	2019	2020	0.4	0.1	1.3	0.5	2.1	2.9	2.9	1.4	0.5	0.3	1.3	***8.3***	***5.6***	**13.9**
36525	*36890*	2020	2021	0.4	0.1	1.3	0.5	2.1	2.9	2.8	1.3	0.6	0.3	1.3	***8.2***	***5.5***	**13.7**
36890	*37255*	2021	2022	0.4	0.1	1.3	0.5	2.1	2.9	2.7	1.3	0.6	0.3	1.2	***8.0***	***5.4***	**13.4**
37255	*37620*	2022	2023	0.4	0.1	1.3	0.5	2.0	2.9	2.6	1.3	0.6	0.3	1.2	***7.9***	***5.3***	**13.2**
37620	*37986*	2023	2024	0.4	0.1	1.3	0.5	2.0	2.9	2.5	1.3	0.6	0.3	1.2	***7.8***	***5.3***	**13.1**
37986	*38351*	2024	2025	0.4	0.1	1.3	0.5	2.0	2.9	2.5	1.2	0.6	0.3	1.2	***7.7***	***5.2***	**12.9**

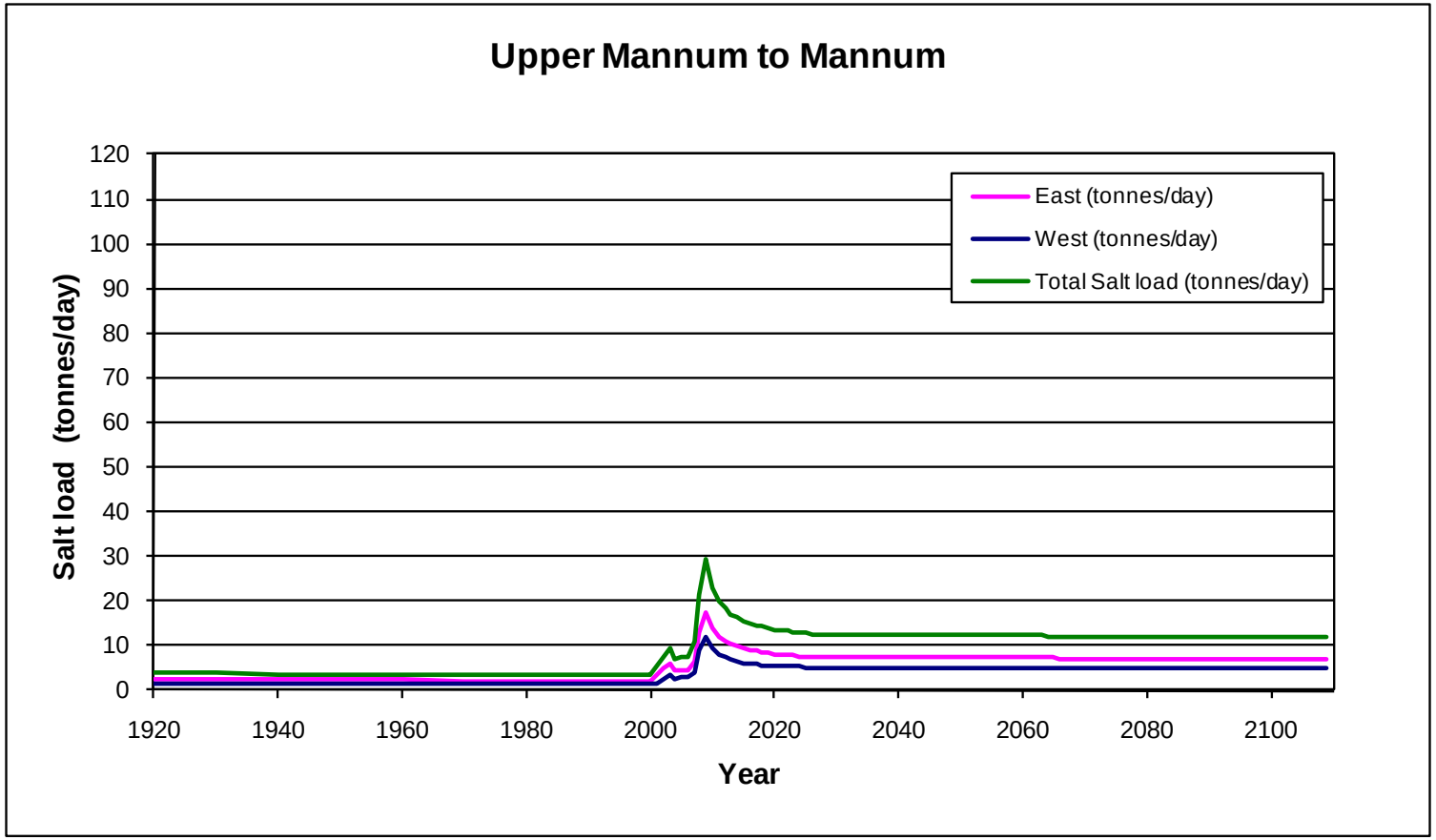
B-4(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 3a)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.4	0.1	1.2	0.5	2.0	2.8	2.4	1.2	0.6	0.3	1.2	7.6	5.2	12.8
38716	39081	2026	2027	0.4	0.1	1.2	0.5	2.0	2.8	2.4	1.2	0.6	0.3	1.2	7.5	5.1	12.7
39081	39447	2027	2028	0.4	0.1	1.2	0.5	2.0	2.8	2.4	1.2	0.6	0.3	1.2	7.5	5.1	12.6
39447	39812	2028	2029	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.5	5.1	12.6
39812	40177	2029	2030	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.5	5.1	12.6
40177	40542	2030	2031	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.5	5.1	12.6
40542	40908	2031	2032	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.5	5.1	12.6
40908	41273	2032	2033	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.5	5.1	12.6
41273	41638	2033	2034	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.5	5.1	12.6
41638	42003	2034	2035	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.5	5.1	12.6
42003	42369	2035	2036	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.5
42369	42734	2036	2037	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.5
42734	43099	2037	2038	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.5
43099	43464	2038	2039	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.5
43464	43830	2039	2040	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.5
43830	44195	2040	2041	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.5
44195	44560	2041	2042	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.5
44560	44925	2042	2043	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.5
44925	45291	2043	2044	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.4
45291	45656	2044	2045	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.4
45656	46021	2045	2046	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.0	12.4
46021	46386	2046	2047	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.4	5.0	12.4
46386	46752	2047	2048	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.4	5.0	12.4
46752	47117	2048	2049	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.3	5.0	12.4
47117	47482	2049	2050	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.3	5.0	12.4
47482	47847	2050	2051	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.3	5.0	12.4
47847	48213	2051	2052	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.3	5.0	12.3
48213	48578	2052	2053	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.3	5.0	12.3
48578	48943	2053	2054	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.3	5.0	12.3
48943	49308	2054	2055	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.3	5.0	12.3
49308	49674	2055	2056	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.2	7.3	5.0	12.3
49674	50039	2056	2057	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.2	7.3	5.0	12.3
50039	50404	2057	2058	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.2	7.3	5.0	12.3
50404	50769	2058	2059	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.2	7.3	5.0	12.3
50769	51135	2059	2060	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.2	7.3	5.0	12.3
51135	51500	2060	2061	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.1	7.3	5.0	12.2
51500	51865	2061	2062	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.1	7.3	5.0	12.2
51865	52230	2062	2063	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.1	7.2	5.0	12.2
52230	52596	2063	2064	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.1	7.2	5.0	12.2
52596	52961	2064	2065	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.1	7.2	5.0	12.2
52961	53326	2065	2066	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.1	7.2	5.0	12.2
53326	53691	2066	2067	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.1	7.2	5.0	12.2

B-4(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 3a)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	5.0	12.2
54057	54422	2068	2069	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.2
54422	54787	2069	2070	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
54787	55152	2070	2071	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
55152	55518	2071	2072	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
55518	55883	2072	2073	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
55883	56248	2073	2074	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
56248	56613	2074	2075	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
56613	56979	2075	2076	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
56979	57344	2076	2077	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
57344	57709	2077	2078	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
57709	58074	2078	2079	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.1
58074	58440	2079	2080	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
58440	58805	2080	2081	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
58805	59170	2081	2082	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
59170	59535	2082	2083	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
59535	59901	2083	2084	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
59901	60266	2084	2085	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
60266	60631	2085	2086	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
60631	60996	2086	2087	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
60996	61362	2087	2088	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
61362	61727	2088	2089	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
61727	62092	2089	2090	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
62092	62457	2090	2091	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	11.9
62457	62823	2091	2092	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	11.9
62823	63188	2092	2093	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.1	4.9	11.9
63188	63553	2093	2094	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.1	4.9	11.9
63553	63918	2094	2095	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.1	4.9	11.9
63918	64284	2095	2096	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.9
64284	64649	2096	2097	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.9
64649	65014	2097	2098	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.9
65014	65379	2098	2099	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.9
65379	65745	2099	2100	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.9
65745	66110	2100	2101	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.9
66110	66475	2101	2102	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
66475	66840	2102	2103	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
66840	67206	2103	2104	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
67206	67571	2104	2105	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
67571	67936	2105	2106	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
67936	68301	2106	2107	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
68301	68667	2107	2108	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
68667	69032	2108	2109	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
69032	69397	2109	2110	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
	Salinity (mg/L)			2,500	3,000	7,000	2,000	7,000	3,000	7,000	7,000	8,000	8,000	5,000			

B-4(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 3a)



B-4(S3a). Graph of modelled salt load (tonnes/day) entering the River Murray in the Upper Mannum to Mannum area (Scenario 3a)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	15	5	2	96	44	308	18	103	84	51	88	*598*	*215*	813
3652	*7305*	1930	1940	14	5	2	96	44	307	17	103	79	50	88	*593*	*213*	806
7305	*14610*	1940	1960	14	5	2	96	44	307	15	102	74	48	87	*586*	*210*	795
14610	*18263*	1960	1970	14	5	2	96	44	307	15	102	72	47	87	*583*	*209*	791
18263	*21915*	1970	1980	14	5	2	96	44	307	14	101	71	47	87	*580*	*208*	788
21915	*24837*	1980	1988	14	5	2	96	44	307	13	101	70	46	87	*579*	*207*	785
24837	*25202*	1988	1989	14	5	2	96	44	307	13	101	70	46	87	*578*	*207*	785
25202	*25567*	1989	1990	14	5	2	96	44	307	13	101	70	46	87	*578*	*207*	785
25567	*25932*	1990	1991	14	5	2	96	44	307	13	101	69	46	87	*578*	*207*	785
25932	*26298*	1991	1992	14	5	2	96	44	307	13	101	69	46	87	*578*	*207*	785
26298	*26663*	1992	1993	14	5	2	96	44	307	13	101	69	46	87	*578*	*207*	785
26663	*27028*	1993	1994	14	5	2	96	44	307	13	101	69	46	87	*578*	*206*	784
27028	*27393*	1994	1995	14	5	2	96	44	307	13	101	69	46	87	*578*	*206*	784
27393	*27759*	1995	1996	14	5	2	96	44	307	13	101	69	46	87	*578*	*206*	784
27759	*28124*	1996	1997	14	5	2	96	44	307	13	101	69	46	87	*578*	*206*	784
28124	*28489*	1997	1998	14	5	2	96	44	307	13	101	69	46	87	*577*	*206*	784
28489	*28854*	1998	1999	14	5	2	96	44	307	13	101	69	46	87	*577*	*206*	783
28854	*29220*	1999	2000	13	5	2	96	44	307	13	101	69	46	87	*577*	*206*	783
29220	*29585*	2000	2001	4	0	0	74	53	247	0	99	70	46	81	*472*	*202*	674
29585	*29950*	2001	2002	7	0	15	94	78	637	41	99	72	46	113	*956*	*243*	1200
29950	*30315*	2002	2003	24	10	60	126	149	829	126	107	74	45	142	*1307*	*386*	1693
30315	*30681*	2003	2004	44	17	98	151	194	921	207	118	75	45	163	*1534*	*499*	2032
30681	*31046*	2004	2005	21	3	76	120	143	841	73	98	74	45	126	*1237*	*383*	1620
31046	*31411*	2005	2006	25	5	87	124	156	844	80	100	75	44	131	*1258*	*412*	1670
31411	*31776*	2006	2007	27	5	91	125	158	829	78	100	75	44	131	*1244*	*421*	1665
31776	*32142*	2007	2008	69	25	143	177	240	935	277	133	77	44	183	*1674*	*629*	2303
32142	*32507*	2008	2009	189	77	273	333	543	1216	833	315	80	44	372	*2910*	*1365*	4275
32507	*32872*	2009	2010	287	112	362	450	748	1418	1225	458	79	44	529	*3812*	*1898*	5710
32872	*33237*	2010	2011	238	82	288	373	539	1233	914	356	72	44	421	*3095*	*1465*	4560
33237	*33603*	2011	2012	216	69	255	340	453	1147	761	308	70	44	368	*2755*	*1276*	4030
33603	*33968*	2012	2013	203	60	234	321	406	1097	665	278	69	44	336	*2548*	*1165*	3713
33968	*34333*	2013	2014	194	54	221	307	376	1063	599	257	69	44	314	*2406*	*1092*	3498
34333	*34698*	2014	2015	188	50	212	297	355	1039	549	241	68	44	299	*2302*	*1039*	3341
34698	*35064*	2015	2016	182	46	205	289	340	1021	511	228	68	44	287	*2222*	*999*	3221
35064	*35429*	2016	2017	178	43	200	283	328	1007	480	218	68	44	277	*2159*	*968*	3126
35429	*35794*	2017	2018	175	41	196	278	319	995	454	210	69	43	270	*2106*	*943*	3049
35794	*36159*	2018	2019	172	39	192	273	311	985	433	203	69	43	263	*2062*	*922*	2984
36159	*36525*	2019	2020	169	37	189	270	305	977	414	197	69	43	258	*2025*	*904*	2928
36525	*36890*	2020	2021	167	36	187	266	300	970	398	192	69	43	254	*1993*	*888*	2881
36890	*37255*	2021	2022	165	34	185	263	295	964	384	187	69	43	250	*1965*	*875*	2839
37255	*37620*	2022	2023	163	33	183	261	292	959	373	183	69	43	247	*1942*	*864*	2806
37620	*37986*	2023	2024	161	32	181	259	288	955	362	180	69	43	244	*1920*	*853*	2773
37986	*38351*	2024	2025	160	32	180	257	286	951	354	177	69	43	242	*1905*	*846*	2751

B-4(S3b). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 3b)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	158	31	178	255	284	948	346	175	69	43	239	1889	838	2727
38716	39081	2026	2027	158	31	178	255	283	947	345	174	69	43	239	1886	837	2723
39081	39447	2027	2028	157	30	177	253	281	944	337	172	69	43	237	1871	829	2700
39447	39812	2028	2029	157	30	177	253	281	944	336	171	69	43	237	1869	828	2697
39812	40177	2029	2030	156	30	176	253	280	943	336	171	69	43	236	1867	828	2695
40177	40542	2030	2031	156	30	176	253	280	943	335	171	69	43	236	1866	827	2692
40542	40908	2031	2032	156	30	176	253	280	943	334	171	69	43	236	1864	826	2690
40908	41273	2032	2033	156	30	176	253	280	942	333	170	69	43	236	1862	825	2687
41273	41638	2033	2034	156	29	176	252	280	942	332	170	69	43	236	1861	824	2685
41638	42003	2034	2035	156	29	176	252	279	942	331	170	69	43	235	1859	823	2682
42003	42369	2035	2036	156	29	175	252	279	941	331	170	69	43	235	1857	823	2680
42369	42734	2036	2037	155	29	175	252	279	941	330	169	69	43	235	1856	822	2678
42734	43099	2037	2038	155	29	175	252	279	941	329	169	69	43	235	1854	821	2675
43099	43464	2038	2039	155	29	175	252	278	940	328	169	69	43	234	1853	820	2673
43464	43830	2039	2040	155	29	175	251	278	940	327	168	69	43	234	1851	819	2671
43830	44195	2040	2041	155	29	175	251	278	940	327	168	69	43	234	1849	819	2668
44195	44560	2041	2042	155	29	175	251	278	939	326	168	69	43	234	1848	818	2666
44560	44925	2042	2043	155	29	174	251	277	939	325	168	69	43	234	1846	817	2664
44925	45291	2043	2044	154	29	174	251	277	939	324	167	69	43	233	1845	816	2661
45291	45656	2044	2045	154	29	174	251	277	938	324	167	69	43	233	1843	816	2659
45656	46021	2045	2046	154	29	174	250	277	938	323	167	69	43	233	1842	815	2657
46021	46386	2046	2047	154	28	174	250	277	938	322	167	69	43	233	1840	814	2655
46386	46752	2047	2048	154	28	174	250	276	938	321	166	69	43	233	1839	813	2652
46752	47117	2048	2049	154	28	173	250	276	937	321	166	69	43	232	1838	813	2650
47117	47482	2049	2050	154	28	173	250	276	937	320	166	69	43	232	1836	812	2648
47482	47847	2050	2051	153	28	173	250	276	937	319	166	69	43	232	1835	811	2646
47847	48213	2051	2052	153	28	173	249	276	936	319	166	69	43	232	1833	810	2644
48213	48578	2052	2053	153	28	173	249	275	936	318	165	69	43	232	1832	810	2642
48578	48943	2053	2054	153	28	173	249	275	936	317	165	69	43	231	1830	809	2639
48943	49308	2054	2055	153	28	173	249	275	935	316	165	69	43	231	1829	808	2637
49308	49674	2055	2056	153	28	172	249	275	935	316	165	69	43	231	1828	808	2635
49674	50039	2056	2057	153	28	172	249	275	935	315	164	69	43	231	1826	807	2633
50039	50404	2057	2058	153	28	172	249	274	935	314	164	69	43	231	1825	806	2631
50404	50769	2058	2059	152	28	172	248	274	934	314	164	69	43	231	1824	805	2629
50769	51135	2059	2060	152	28	172	248	274	934	313	164	69	43	230	1822	805	2627
51135	51500	2060	2061	152	28	172	248	274	934	312	163	69	43	230	1821	804	2625
51500	51865	2061	2062	152	27	172	248	274	934	312	163	69	43	230	1820	803	2623
51865	52230	2062	2063	152	27	171	248	273	933	311	163	69	43	230	1818	803	2621
52230	52596	2063	2064	152	27	171	248	273	933	310	163	69	43	230	1817	802	2619
52596	52961	2064	2065	152	27	171	248	273	933	310	163	69	43	229	1816	801	2617
52961	53326	2065	2066	152	27	171	247	273	932	309	162	69	43	229	1814	801	2615
53326	53691	2066	2067	151	27	171	247	273	932	309	162	69	43	229	1813	800	2613

B-4(S3b). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 3b)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	151	27	171	247	273	932	308	162	69	43	229	1812	799	2611
54057	54422	2068	2069	151	27	171	247	272	932	307	162	69	43	229	1811	799	2609
54422	54787	2069	2070	151	27	170	247	272	931	307	162	69	43	229	1809	798	2607
54787	55152	2070	2071	151	27	170	247	272	931	306	161	69	43	228	1808	797	2606
55152	55518	2071	2072	151	27	170	247	272	931	305	161	69	43	228	1807	797	2604
55518	55883	2072	2073	151	27	170	246	272	931	305	161	69	43	228	1806	796	2602
55883	56248	2073	2074	151	27	170	246	271	930	304	161	69	43	228	1804	796	2600
56248	56613	2074	2075	150	27	170	246	271	930	304	160	69	43	228	1803	795	2598
56613	56979	2075	2076	150	27	170	246	271	930	303	160	69	43	228	1802	794	2596
56979	57344	2076	2077	150	27	170	246	271	930	302	160	69	43	228	1801	794	2595
57344	57709	2077	2078	150	27	169	246	271	929	302	160	69	43	227	1800	793	2593
57709	58074	2078	2079	150	26	169	246	271	929	301	160	69	43	227	1799	792	2591
58074	58440	2079	2080	150	26	169	246	271	929	301	159	69	43	227	1797	792	2589
58440	58805	2080	2081	150	26	169	245	270	929	300	159	69	43	227	1796	791	2587
58805	59170	2081	2082	150	26	169	245	270	928	299	159	69	43	227	1795	791	2586
59170	59535	2082	2083	149	26	169	245	270	928	299	159	69	43	227	1794	790	2584
59535	59901	2083	2084	149	26	169	245	270	928	298	159	69	43	226	1793	789	2582
59901	60266	2084	2085	149	26	168	245	270	928	298	159	69	43	226	1792	789	2580
60266	60631	2085	2086	149	26	168	245	270	928	297	158	69	43	226	1791	788	2579
60631	60996	2086	2087	149	26	168	245	269	927	297	158	69	43	226	1789	788	2577
60996	61362	2087	2088	149	26	168	245	269	927	296	158	69	43	226	1788	787	2575
61362	61727	2088	2089	149	26	168	244	269	927	296	158	69	43	226	1787	786	2574
61727	62092	2089	2090	149	26	168	244	269	927	295	158	69	43	226	1786	786	2572
62092	62457	2090	2091	148	26	168	244	269	926	295	157	69	43	225	1785	785	2570
62457	62823	2091	2092	148	26	168	244	269	926	294	157	69	43	225	1784	785	2569
62823	63188	2092	2093	148	26	167	244	269	926	293	157	69	43	225	1783	784	2567
63188	63553	2093	2094	148	26	167	244	268	926	293	157	69	43	225	1782	784	2565
63553	63918	2094	2095	148	26	167	244	268	925	292	157	69	43	225	1781	783	2564
63918	64284	2095	2096	148	26	167	244	268	925	292	156	69	43	225	1780	782	2562
64284	64649	2096	2097	148	25	167	244	268	925	291	156	69	43	225	1779	782	2561
64649	65014	2097	2098	148	25	167	243	268	925	291	156	69	43	224	1778	781	2559
65014	65379	2098	2099	148	25	167	243	268	925	290	156	69	43	224	1777	781	2557
65379	65745	2099	2100	147	25	167	243	268	924	290	156	69	43	224	1776	780	2556
65745	66110	2100	2101	147	25	166	243	267	924	289	156	69	43	224	1775	780	2554
66110	66475	2101	2102	147	25	166	243	267	924	289	155	69	43	224	1774	779	2553
66475	66840	2102	2103	147	25	166	243	267	924	288	155	69	43	224	1773	779	2551
66840	67206	2103	2104	147	25	166	243	267	924	288	155	69	43	224	1772	778	2550
67206	67571	2104	2105	147	25	166	243	267	923	287	155	69	43	224	1771	777	2548
67571	67936	2105	2106	147	25	166	243	267	923	287	155	69	43	223	1770	777	2546
67936	68301	2106	2107	147	25	166	242	267	923	286	155	69	43	223	1769	776	2545
68301	68667	2107	2108	147	25	166	242	266	923	286	154	68	43	223	1768	776	2543
68667	69032	2108	2109	147	25	165	242	266	923	285	154	68	43	223	1767	775	2542
69032	69397	2109	2110	147	25	165	242	266	923	285	154	68	43	223	1767	775	2542

B-4(S3b). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 3b)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	3652	1920	1930	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.7	0.4	0.4	2.4	1.5	3.9
3652	7305	1930	1940	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.3	1.5	3.8
7305	14610	1940	1960	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.3	1.5	3.7
14610	18263	1960	1970	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.7
18263	21915	1970	1980	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.7
21915	24837	1980	1988	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
24837	25202	1988	1989	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
25202	25567	1989	1990	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
25567	25932	1990	1991	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
25932	26298	1991	1992	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
26298	26663	1992	1993	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
26663	27028	1993	1994	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
27028	27393	1994	1995	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
27393	27759	1995	1996	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
27759	28124	1996	1997	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
28124	28489	1997	1998	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
28489	28854	1998	1999	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
28854	29220	1999	2000	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
29220	29585	2000	2001	0.0	0.0	0.0	0.1	0.4	0.7	0.0	0.7	0.6	0.4	0.4	1.9	1.4	3.3
29585	29950	2001	2002	0.0	0.0	0.1	0.2	0.5	1.9	0.3	0.7	0.6	0.4	0.6	3.5	1.7	5.2
29950	30315	2002	2003	0.1	0.0	0.4	0.3	1.0	2.5	0.9	0.7	0.6	0.4	0.7	5.0	2.6	7.6
30315	30681	2003	2004	0.1	0.1	0.7	0.3	1.4	2.8	1.5	0.8	0.6	0.4	0.8	6.0	3.3	9.3
30681	31046	2004	2005	0.1	0.0	0.5	0.2	1.0	2.5	0.5	0.7	0.6	0.4	0.6	4.5	2.6	7.1
31046	31411	2005	2006	0.1	0.0	0.6	0.2	1.1	2.5	0.6	0.7	0.6	0.4	0.7	4.6	2.8	7.4
31411	31776	2006	2007	0.1	0.0	0.6	0.3	1.1	2.5	0.5	0.7	0.6	0.4	0.7	4.6	2.9	7.4
31776	32142	2007	2008	0.2	0.1	1.0	0.4	1.7	2.8	1.9	0.9	0.6	0.4	0.9	6.7	4.1	10.8
32142	32507	2008	2009	0.5	0.2	1.9	0.7	3.8	3.6	5.8	2.2	0.6	0.4	1.9	12.9	8.7	21.6
32507	32872	2009	2010	0.7	0.3	2.5	0.9	5.2	4.3	8.6	3.2	0.6	0.4	2.6	17.3	12.0	29.4
32872	33237	2010	2011	0.6	0.2	2.0	0.7	3.8	3.7	6.4	2.5	0.6	0.4	2.1	13.8	9.2	23.0
33237	33603	2011	2012	0.5	0.2	1.8	0.7	3.2	3.4	5.3	2.2	0.6	0.4	1.8	12.1	8.0	20.1
33603	33968	2012	2013	0.5	0.2	1.6	0.6	2.8	3.3	4.7	1.9	0.6	0.4	1.7	11.0	7.3	18.3
33968	34333	2013	2014	0.5	0.2	1.5	0.6	2.6	3.2	4.2	1.8	0.5	0.3	1.6	10.3	6.8	17.1
34333	34698	2014	2015	0.5	0.1	1.5	0.6	2.5	3.1	3.8	1.7	0.5	0.3	1.5	9.7	6.5	16.2
34698	35064	2015	2016	0.5	0.1	1.4	0.6	2.4	3.1	3.6	1.6	0.5	0.3	1.4	9.3	6.2	15.6
35064	35429	2016	2017	0.4	0.1	1.4	0.6	2.3	3.0	3.4	1.5	0.5	0.3	1.4	9.0	6.0	15.0
35429	35794	2017	2018	0.4	0.1	1.4	0.6	2.2	3.0	3.2	1.5	0.5	0.3	1.3	8.7	5.9	14.6
35794	36159	2018	2019	0.4	0.1	1.3	0.5	2.2	3.0	3.0	1.4	0.5	0.3	1.3	8.5	5.7	14.2
36159	36525	2019	2020	0.4	0.1	1.3	0.5	2.1	2.9	2.9	1.4	0.5	0.3	1.3	8.3	5.6	13.9
36525	36890	2020	2021	0.4	0.1	1.3	0.5	2.1	2.9	2.8	1.3	0.6	0.3	1.3	8.2	5.5	13.7
36890	37255	2021	2022	0.4	0.1	1.3	0.5	2.1	2.9	2.7	1.3	0.6	0.3	1.2	8.0	5.4	13.4
37255	37620	2022	2023	0.4	0.1	1.3	0.5	2.0	2.9	2.6	1.3	0.6	0.3	1.2	7.9	5.4	13.3
37620	37986	2023	2024	0.4	0.1	1.3	0.5	2.0	2.9	2.5	1.3	0.6	0.3	1.2	7.8	5.3	13.1
37986	38351	2024	2025	0.4	0.1	1.3	0.5	2.0	2.9	2.5	1.2	0.6	0.3	1.2	7.7	5.2	12.9

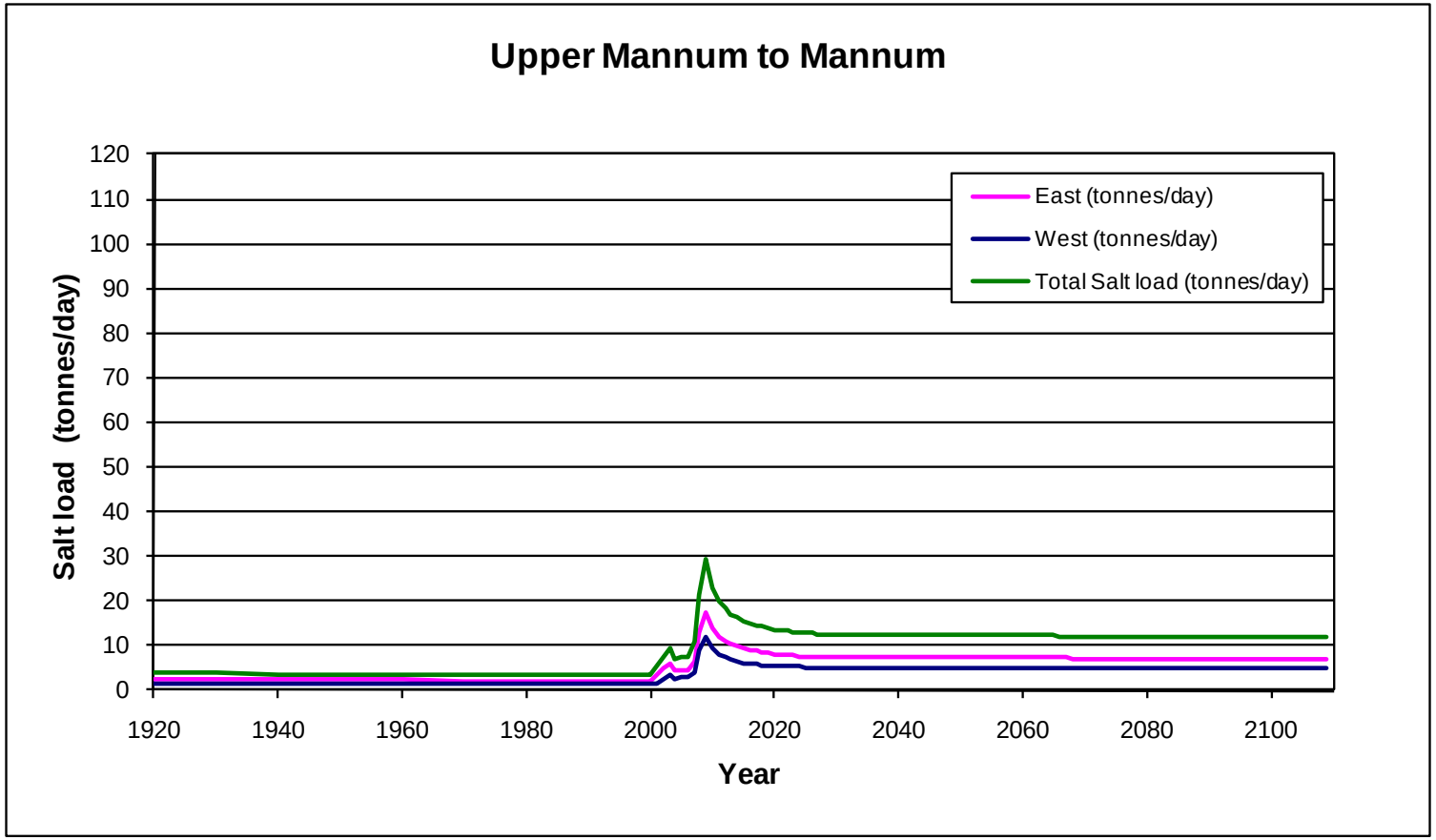
B-4(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 3b)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.4	0.1	1.2	0.5	2.0	2.8	2.4	1.2	0.6	0.3	1.2	7.6	5.2	12.8
38716	39081	2026	2027	0.4	0.1	1.2	0.5	2.0	2.8	2.4	1.2	0.6	0.3	1.2	7.6	5.2	12.8
39081	39447	2027	2028	0.4	0.1	1.2	0.5	2.0	2.8	2.4	1.2	0.6	0.3	1.2	7.5	5.1	12.7
39447	39812	2028	2029	0.4	0.1	1.2	0.5	2.0	2.8	2.4	1.2	0.6	0.3	1.2	7.5	5.1	12.7
39812	40177	2029	2030	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.5	5.1	12.6
40177	40542	2030	2031	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.5	5.1	12.6
40542	40908	2031	2032	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.5	5.1	12.6
40908	41273	2032	2033	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.5	5.1	12.6
41273	41638	2033	2034	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.5	5.1	12.6
41638	42003	2034	2035	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.5	5.1	12.6
42003	42369	2035	2036	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.5	5.1	12.6
42369	42734	2036	2037	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.5
42734	43099	2037	2038	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.5
43099	43464	2038	2039	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.5
43464	43830	2039	2040	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.5
43830	44195	2040	2041	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.5
44195	44560	2041	2042	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.5
44560	44925	2042	2043	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.5
44925	45291	2043	2044	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.5
45291	45656	2044	2045	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.4
45656	46021	2045	2046	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.4
46021	46386	2046	2047	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.0	12.4
46386	46752	2047	2048	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.4	5.0	12.4
46752	47117	2048	2049	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.4	5.0	12.4
47117	47482	2049	2050	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.3	5.0	12.4
47482	47847	2050	2051	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.3	5.0	12.4
47847	48213	2051	2052	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.3	5.0	12.4
48213	48578	2052	2053	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.3	5.0	12.3
48578	48943	2053	2054	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.3	5.0	12.3
48943	49308	2054	2055	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.3	5.0	12.3
49308	49674	2055	2056	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.3	5.0	12.3
49674	50039	2056	2057	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.3	5.0	12.3
50039	50404	2057	2058	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.2	7.3	5.0	12.3
50404	50769	2058	2059	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.2	7.3	5.0	12.3
50769	51135	2059	2060	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.2	7.3	5.0	12.3
51135	51500	2060	2061	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.2	7.3	5.0	12.3
51500	51865	2061	2062	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.2	7.3	5.0	12.2
51865	52230	2062	2063	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.1	7.3	5.0	12.2
52230	52596	2063	2064	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.1	7.2	5.0	12.2
52596	52961	2064	2065	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.1	7.2	5.0	12.2
52961	53326	2065	2066	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.1	7.2	5.0	12.2
53326	53691	2066	2067	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.1	7.2	5.0	12.2

B-4(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 3b)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.1	7.2	5.0	12.2
54057	54422	2068	2069	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.1	7.2	5.0	12.2
54422	54787	2069	2070	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	5.0	12.2
54787	55152	2070	2071	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
55152	55518	2071	2072	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
55518	55883	2072	2073	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
55883	56248	2073	2074	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
56248	56613	2074	2075	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
56613	56979	2075	2076	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
56979	57344	2076	2077	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
57344	57709	2077	2078	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
57709	58074	2078	2079	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
58074	58440	2079	2080	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.1
58440	58805	2080	2081	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
58805	59170	2081	2082	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
59170	59535	2082	2083	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
59535	59901	2083	2084	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
59901	60266	2084	2085	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
60266	60631	2085	2086	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
60631	60996	2086	2087	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
60996	61362	2087	2088	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
61362	61727	2088	2089	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
61727	62092	2089	2090	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
62092	62457	2090	2091	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
62457	62823	2091	2092	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	11.9
62823	63188	2092	2093	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	11.9
63188	63553	2093	2094	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	11.9
63553	63918	2094	2095	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.1	4.9	11.9
63918	64284	2095	2096	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.1	4.9	11.9
64284	64649	2096	2097	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.9	11.9
64649	65014	2097	2098	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.9
65014	65379	2098	2099	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.9
65379	65745	2099	2100	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.9
65745	66110	2100	2101	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.9
66110	66475	2101	2102	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.9
66475	66840	2102	2103	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
66840	67206	2103	2104	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
67206	67571	2104	2105	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
67571	67936	2105	2106	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
67936	68301	2106	2107	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
68301	68667	2107	2108	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
68667	69032	2108	2109	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
69032	69397	2109	2110	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
	Salinity (mg/L)			2,500	3,000	7,000	2,000	7,000	3,000	7,000	7,000	8,000	8,000	5,000			

B-4(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 3b)



B-4(S3b). Graph of modelled salt load (tonnes/day) entering the River Murray in the Upper Mannum to Mannum area (Scenario 3b)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	15	5	2	96	44	308	18	103	84	51	88	*598*	*215*	813
3652	*7305*	1930	1940	14	5	2	96	44	307	17	103	79	50	88	*593*	*213*	806
7305	*14610*	1940	1960	14	5	2	96	44	307	15	102	74	48	87	*586*	*210*	795
14610	*18263*	1960	1970	14	5	2	96	44	307	15	102	72	47	87	*583*	*209*	791
18263	*21915*	1970	1980	14	5	2	96	44	307	14	101	71	47	87	*580*	*208*	788
21915	*24837*	1980	1988	14	5	2	96	44	307	13	101	70	46	87	*579*	*207*	785
24837	*25202*	1988	1989	14	5	2	96	44	307	13	101	70	46	87	*578*	*207*	785
25202	*25567*	1989	1990	14	5	2	96	44	307	13	101	70	46	87	*578*	*207*	785
25567	*25932*	1990	1991	14	5	2	96	44	307	13	101	69	46	87	*578*	*207*	785
25932	*26298*	1991	1992	14	5	2	96	44	307	13	101	69	46	87	*578*	*207*	785
26298	*26663*	1992	1993	14	5	2	96	44	307	13	101	69	46	87	*578*	*207*	785
26663	*27028*	1993	1994	14	5	2	96	44	307	13	101	69	46	87	*578*	*206*	784
27028	*27393*	1994	1995	14	5	2	96	44	307	13	101	69	46	87	*578*	*206*	784
27393	*27759*	1995	1996	14	5	2	96	44	307	13	101	69	46	87	*578*	*206*	784
27759	*28124*	1996	1997	14	5	2	96	44	307	13	101	69	46	87	*578*	*206*	784
28124	*28489*	1997	1998	14	5	2	96	44	307	13	101	69	46	87	*577*	*206*	784
28489	*28854*	1998	1999	14	5	2	96	44	307	13	101	69	46	87	*577*	*206*	783
28854	*29220*	1999	2000	13	5	2	96	44	307	13	101	69	46	87	*577*	*206*	783
29220	*29585*	2000	2001	4	0	0	74	53	247	0	99	70	46	81	*472*	*202*	674
29585	*29950*	2001	2002	7	0	15	94	78	637	41	99	72	46	113	*956*	*243*	1200
29950	*30315*	2002	2003	24	10	60	126	149	829	126	107	74	45	142	*1307*	*386*	1693
30315	*30681*	2003	2004	44	17	98	151	194	921	207	118	75	45	163	*1534*	*499*	2032
30681	*31046*	2004	2005	21	3	76	120	143	841	72	98	74	45	126	*1237*	*383*	1620
31046	*31411*	2005	2006	25	5	87	124	156	844	80	100	75	44	131	*1258*	*412*	1670
31411	*31776*	2006	2007	27	5	91	125	158	829	78	100	75	44	131	*1244*	*421*	1665
31776	*32142*	2007	2008	69	25	143	177	240	935	276	133	77	44	183	*1674*	*629*	2303
32142	*32507*	2008	2009	189	77	273	333	543	1216	833	315	80	44	372	*2910*	*1365*	4275
32507	*32872*	2009	2010	287	112	362	450	748	1418	1225	458	79	44	529	*3812*	*1898*	5710
32872	*33237*	2010	2011	238	82	288	373	539	1233	915	356	72	44	421	*3095*	*1465*	4560
33237	*33603*	2011	2012	216	69	255	340	453	1147	761	308	70	44	368	*2755*	*1276*	4031
33603	*33968*	2012	2013	203	60	234	321	406	1097	666	278	69	44	336	*2548*	*1165*	3714
33968	*34333*	2013	2014	194	54	221	307	376	1063	599	257	69	44	314	*2407*	*1092*	3498
34333	*34698*	2014	2015	188	50	212	297	355	1039	549	241	68	44	299	*2303*	*1039*	3341
34698	*35064*	2015	2016	182	46	205	289	340	1021	511	228	68	44	287	*2222*	*999*	3221
35064	*35429*	2016	2017	178	43	200	283	328	1007	480	218	68	44	277	*2159*	*968*	3126
35429	*35794*	2017	2018	175	41	196	278	319	995	454	210	69	43	270	*2106*	*943*	3049
35794	*36159*	2018	2019	172	39	192	273	311	985	433	203	69	43	263	*2062*	*922*	2984
36159	*36525*	2019	2020	169	37	189	270	305	977	414	197	69	43	258	*2025*	*904*	2929
36525	*36890*	2020	2021	167	36	187	266	300	970	398	192	69	43	254	*1993*	*888*	2881
36890	*37255*	2021	2022	165	35	185	264	296	964	385	187	69	43	250	*1966*	*876*	2842
37255	*37620*	2022	2023	163	33	183	261	292	959	373	183	69	43	247	*1942*	*864*	2806
37620	*37986*	2023	2024	161	32	181	259	289	955	363	180	69	43	244	*1921*	*854*	2775
37986	*38351*	2024	2025	160	31	180	257	286	951	353	177	69	43	241	*1903*	*845*	2748

B-4(S3c). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 3c)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	158	31	178	255	283	947	345	174	69	43	239	1885	837	2722
38716	39081	2026	2027	158	31	178	255	283	947	344	174	69	43	239	1883	835	2719
39081	39447	2027	2028	157	30	177	253	281	944	338	172	69	43	237	1871	829	2701
39447	39812	2028	2029	157	30	177	253	281	944	337	171	69	43	237	1869	829	2698
39812	40177	2029	2030	157	30	176	253	281	944	336	171	69	43	236	1868	828	2695
40177	40542	2030	2031	156	30	176	253	280	943	335	171	69	43	236	1866	827	2693
40542	40908	2031	2032	156	30	176	253	280	943	334	171	69	43	236	1864	826	2690
40908	41273	2032	2033	156	30	176	253	280	942	333	170	69	43	236	1863	825	2688
41273	41638	2033	2034	156	29	176	252	280	942	332	170	69	43	236	1861	824	2685
41638	42003	2034	2035	156	29	176	252	279	942	332	170	69	43	235	1859	824	2683
42003	42369	2035	2036	156	29	175	252	279	941	331	170	69	43	235	1858	823	2681
42369	42734	2036	2037	155	29	175	252	279	941	330	169	69	43	235	1856	822	2678
42734	43099	2037	2038	155	29	175	252	279	941	329	169	69	43	235	1855	821	2676
43099	43464	2038	2039	155	29	175	252	278	940	328	169	69	43	234	1853	820	2673
43464	43830	2039	2040	155	29	175	251	278	940	328	169	69	43	234	1851	820	2671
43830	44195	2040	2041	155	29	175	251	278	940	327	168	69	43	234	1850	819	2669
44195	44560	2041	2042	155	29	175	251	278	939	326	168	69	43	234	1848	818	2666
44560	44925	2042	2043	155	29	174	251	277	939	325	168	69	43	234	1847	817	2664
44925	45291	2043	2044	154	29	174	251	277	939	325	168	69	43	233	1845	817	2662
45291	45656	2044	2045	154	29	174	251	277	939	324	167	69	43	233	1844	816	2660
45656	46021	2045	2046	154	29	174	250	277	938	323	167	69	43	233	1842	815	2657
46021	46386	2046	2047	154	29	174	250	277	938	322	167	69	43	233	1841	814	2655
46386	46752	2047	2048	154	28	174	250	276	938	322	167	69	43	233	1839	814	2653
46752	47117	2048	2049	154	28	174	250	276	937	321	166	69	43	232	1838	813	2651
47117	47482	2049	2050	154	28	173	250	276	937	320	166	69	43	232	1836	812	2648
47482	47847	2050	2051	153	28	173	250	276	937	319	166	69	43	232	1835	811	2646
47847	48213	2051	2052	153	28	173	249	276	936	319	166	69	43	232	1834	811	2644
48213	48578	2052	2053	153	28	173	249	275	936	318	165	69	43	232	1832	810	2642
48578	48943	2053	2054	153	28	173	249	275	936	317	165	69	43	232	1831	809	2640
48943	49308	2054	2055	153	28	173	249	275	936	317	165	69	43	231	1829	808	2638
49308	49674	2055	2056	153	28	172	249	275	935	316	165	69	43	231	1828	808	2636
49674	50039	2056	2057	153	28	172	249	275	935	315	164	69	43	231	1827	807	2634
50039	50404	2057	2058	153	28	172	249	274	935	315	164	69	43	231	1825	806	2632
50404	50769	2058	2059	152	28	172	248	274	934	314	164	69	43	231	1824	806	2630
50769	51135	2059	2060	152	28	172	248	274	934	313	164	69	43	230	1823	805	2627
51135	51500	2060	2061	152	28	172	248	274	934	313	164	69	43	230	1821	804	2625
51500	51865	2061	2062	152	28	172	248	274	934	312	163	69	43	230	1820	804	2623
51865	52230	2062	2063	152	27	171	248	273	933	311	163	69	43	230	1819	803	2621
52230	52596	2063	2064	152	27	171	248	273	933	311	163	69	43	230	1817	802	2619
52596	52961	2064	2065	152	27	171	248	273	933	310	163	69	43	230	1816	802	2617
52961	53326	2065	2066	152	27	171	247	273	932	309	162	69	43	229	1815	801	2616
53326	53691	2066	2067	151	27	171	247	273	932	309	162	69	43	229	1813	800	2614

B-4(S3c). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 3c)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	151	27	171	247	273	932	308	162	69	43	229	1812	800	2612
54057	54422	2068	2069	151	27	171	247	272	932	307	162	69	43	229	1811	799	2610
54422	54787	2069	2070	151	27	171	247	272	931	307	162	69	43	229	1810	798	2608
54787	55152	2070	2071	151	27	170	247	272	931	306	161	69	43	229	1808	798	2606
55152	55518	2071	2072	151	27	170	247	272	931	306	161	69	43	228	1807	797	2604
55518	55883	2072	2073	151	27	170	247	272	931	305	161	69	43	228	1806	796	2602
55883	56248	2073	2074	151	27	170	246	272	930	304	161	69	43	228	1805	796	2600
56248	56613	2074	2075	150	27	170	246	271	930	304	161	69	43	228	1804	795	2599
56613	56979	2075	2076	150	27	170	246	271	930	303	160	69	43	228	1802	794	2597
56979	57344	2076	2077	150	27	170	246	271	930	303	160	69	43	228	1801	794	2595
57344	57709	2077	2078	150	27	169	246	271	929	302	160	69	43	227	1800	793	2593
57709	58074	2078	2079	150	26	169	246	271	929	301	160	69	43	227	1799	793	2591
58074	58440	2079	2080	150	26	169	246	271	929	301	160	69	43	227	1798	792	2590
58440	58805	2080	2081	150	26	169	245	270	929	300	159	69	43	227	1796	791	2588
58805	59170	2081	2082	150	26	169	245	270	928	300	159	69	43	227	1795	791	2586
59170	59535	2082	2083	149	26	169	245	270	928	299	159	69	43	227	1794	790	2584
59535	59901	2083	2084	149	26	169	245	270	928	298	159	69	43	226	1793	790	2583
59901	60266	2084	2085	149	26	168	245	270	928	298	159	69	43	226	1792	789	2581
60266	60631	2085	2086	149	26	168	245	270	928	297	158	69	43	226	1791	788	2579
60631	60996	2086	2087	149	26	168	245	269	927	297	158	69	43	226	1790	788	2577
60996	61362	2087	2088	149	26	168	245	269	927	296	158	69	43	226	1789	787	2576
61362	61727	2088	2089	149	26	168	245	269	927	296	158	69	43	226	1787	787	2574
61727	62092	2089	2090	149	26	168	244	269	927	295	158	69	43	226	1786	786	2572
62092	62457	2090	2091	149	26	168	244	269	926	295	157	69	43	225	1785	785	2571
62457	62823	2091	2092	148	26	168	244	269	926	294	157	69	43	225	1784	785	2569
62823	63188	2092	2093	148	26	167	244	269	926	294	157	69	43	225	1783	784	2567
63188	63553	2093	2094	148	26	167	244	268	926	293	157	69	43	225	1782	784	2566
63553	63918	2094	2095	148	26	167	244	268	926	293	157	69	43	225	1781	783	2564
63918	64284	2095	2096	148	26	167	244	268	925	292	157	69	43	225	1780	783	2562
64284	64649	2096	2097	148	26	167	244	268	925	291	156	69	43	225	1779	782	2561
64649	65014	2097	2098	148	25	167	243	268	925	291	156	69	43	224	1778	781	2559
65014	65379	2098	2099	148	25	167	243	268	925	290	156	69	43	224	1777	781	2558
65379	65745	2099	2100	148	25	167	243	268	924	290	156	69	43	224	1776	780	2556
65745	66110	2100	2101	147	25	166	243	267	924	289	156	69	43	224	1775	780	2555
66110	66475	2101	2102	147	25	166	243	267	924	289	155	69	43	224	1774	779	2553
66475	66840	2102	2103	147	25	166	243	267	924	288	155	69	43	224	1773	779	2551
66840	67206	2103	2104	147	25	166	243	267	924	288	155	69	43	224	1772	778	2550
67206	67571	2104	2105	147	25	166	243	267	923	287	155	69	43	224	1771	778	2548
67571	67936	2105	2106	147	25	166	243	267	923	287	155	69	43	223	1770	777	2547
67936	68301	2106	2107	147	25	166	243	267	923	286	155	69	43	223	1769	776	2545
68301	68667	2107	2108	147	25	166	242	267	923	286	154	68	43	223	1768	776	2544
68667	69032	2108	2109	147	25	165	242	266	923	285	154	68	43	223	1767	775	2542
69032	69397	2109	2110	147	25	165	242	266	923	285	154	68	43	223	1767	775	2542

B-4(S3c). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 3c)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3652*	1920	1930	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.7	0.4	0.4	***2.4***	***1.5***	3.9
3652	*7305*	1930	1940	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.3***	***1.5***	3.8
7305	*14610*	1940	1960	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.3***	***1.5***	3.7
14610	*18263*	1960	1970	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.7
18263	*21915*	1970	1980	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.7
21915	*24837*	1980	1988	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
24837	*25202*	1988	1989	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
25202	*25567*	1989	1990	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
25567	*25932*	1990	1991	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
25932	*26298*	1991	1992	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
26298	*26663*	1992	1993	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
26663	*27028*	1993	1994	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
27028	*27393*	1994	1995	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
27393	*27759*	1995	1996	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
27759	*28124*	1996	1997	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
28124	*28489*	1997	1998	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
28489	*28854*	1998	1999	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
28854	*29220*	1999	2000	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	3.6
29220	*29585*	2000	2001	0.0	0.0	0.0	0.1	0.4	0.7	0.0	0.7	0.6	0.4	0.4	***1.9***	***1.4***	3.3
29585	*29950*	2001	2002	0.0	0.0	0.1	0.2	0.5	1.9	0.3	0.7	0.6	0.4	0.6	***3.5***	***1.7***	5.2
29950	*30315*	2002	2003	0.1	0.0	0.4	0.3	1.0	2.5	0.9	0.7	0.6	0.4	0.7	***5.0***	***2.6***	7.6
30315	*30681*	2003	2004	0.1	0.1	0.7	0.3	1.4	2.8	1.5	0.8	0.6	0.4	0.8	***6.0***	***3.3***	9.3
30681	*31046*	2004	2005	0.1	0.0	0.5	0.2	1.0	2.5	0.5	0.7	0.6	0.4	0.6	***4.5***	***2.6***	7.1
31046	*31411*	2005	2006	0.1	0.0	0.6	0.2	1.1	2.5	0.6	0.7	0.6	0.4	0.7	***4.6***	***2.8***	7.4
31411	*31776*	2006	2007	0.1	0.0	0.6	0.3	1.1	2.5	0.5	0.7	0.6	0.4	0.7	***4.6***	***2.9***	7.4
31776	*32142*	2007	2008	0.2	0.1	1.0	0.4	1.7	2.8	1.9	0.9	0.6	0.4	0.9	***6.7***	***4.1***	10.8
32142	*32507*	2008	2009	0.5	0.2	1.9	0.7	3.8	3.6	5.8	2.2	0.6	0.4	1.9	***12.9***	***8.7***	21.6
32507	*32872*	2009	2010	0.7	0.3	2.5	0.9	5.2	4.3	8.6	3.2	0.6	0.4	2.6	***17.3***	***12.0***	29.4
32872	*33237*	2010	2011	0.6	0.2	2.0	0.7	3.8	3.7	6.4	2.5	0.6	0.4	2.1	***13.8***	***9.2***	23.0
33237	*33603*	2011	2012	0.5	0.2	1.8	0.7	3.2	3.4	5.3	2.2	0.6	0.4	1.8	***12.1***	***8.0***	20.1
33603	*33968*	2012	2013	0.5	0.2	1.6	0.6	2.8	3.3	4.7	1.9	0.6	0.4	1.7	***11.0***	***7.3***	18.3
33968	*34333*	2013	2014	0.5	0.2	1.5	0.6	2.6	3.2	4.2	1.8	0.5	0.3	1.6	***10.3***	***6.8***	17.1
34333	*34698*	2014	2015	0.5	0.1	1.5	0.6	2.5	3.1	3.8	1.7	0.5	0.3	1.5	***9.7***	***6.5***	16.2
34698	*35064*	2015	2016	0.5	0.1	1.4	0.6	2.4	3.1	3.6	1.6	0.5	0.3	1.4	***9.3***	***6.2***	15.6
35064	*35429*	2016	2017	0.4	0.1	1.4	0.6	2.3	3.0	3.4	1.5	0.5	0.3	1.4	***9.0***	***6.0***	15.0
35429	*35794*	2017	2018	0.4	0.1	1.4	0.6	2.2	3.0	3.2	1.5	0.5	0.3	1.3	***8.7***	***5.9***	14.6
35794	*36159*	2018	2019	0.4	0.1	1.3	0.5	2.2	3.0	3.0	1.4	0.5	0.3	1.3	***8.5***	***5.7***	14.2
36159	*36525*	2019	2020	0.4	0.1	1.3	0.5	2.1	2.9	2.9	1.4	0.5	0.3	1.3	***8.3***	***5.6***	13.9
36525	*36890*	2020	2021	0.4	0.1	1.3	0.5	2.1	2.9	2.8	1.3	0.6	0.3	1.3	***8.2***	***5.5***	13.7
36890	*37255*	2021	2022	0.4	0.1	1.3	0.5	2.1	2.9	2.7	1.3	0.6	0.3	1.2	***8.0***	***5.4***	13.5
37255	*37620*	2022	2023	0.4	0.1	1.3	0.5	2.0	2.9	2.6	1.3	0.6	0.3	1.2	***7.9***	***5.4***	13.3
37620	*37986*	2023	2024	0.4	0.1	1.3	0.5	2.0	2.9	2.5	1.3	0.6	0.3	1.2	***7.8***	***5.3***	13.1
37986	*38351*	2024	2025	0.4	0.1	1.3	0.5	2.0	2.9	2.5	1.2	0.6	0.3	1.2	***7.7***	***5.2***	12.9

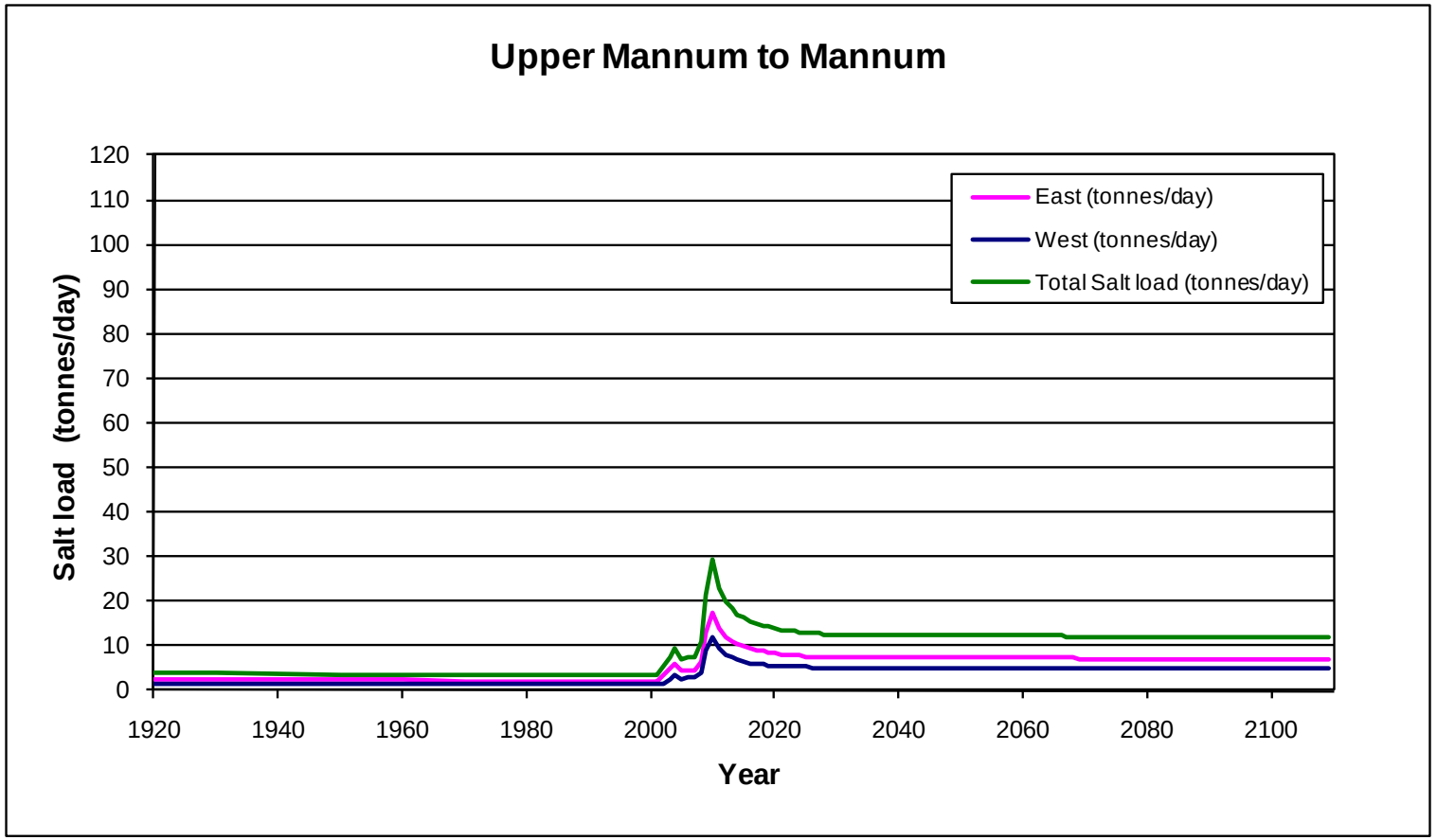
B-4(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 3c)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.4	0.1	1.2	0.5	2.0	2.8	2.4	1.2	0.6	0.3	1.2	7.6	5.2	12.8
38716	39081	2026	2027	0.4	0.1	1.2	0.5	2.0	2.8	2.4	1.2	0.6	0.3	1.2	7.6	5.2	12.8
39081	39447	2027	2028	0.4	0.1	1.2	0.5	2.0	2.8	2.4	1.2	0.6	0.3	1.2	7.5	5.1	12.7
39447	39812	2028	2029	0.4	0.1	1.2	0.5	2.0	2.8	2.4	1.2	0.6	0.3	1.2	7.5	5.1	12.7
39812	40177	2029	2030	0.4	0.1	1.2	0.5	2.0	2.8	2.4	1.2	0.6	0.3	1.2	7.5	5.1	12.6
40177	40542	2030	2031	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.5	5.1	12.6
40542	40908	2031	2032	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.5	5.1	12.6
40908	41273	2032	2033	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.5	5.1	12.6
41273	41638	2033	2034	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.5	5.1	12.6
41638	42003	2034	2035	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.5	5.1	12.6
42003	42369	2035	2036	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.5	5.1	12.6
42369	42734	2036	2037	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.5	5.1	12.5
42734	43099	2037	2038	0.4	0.1	1.2	0.5	2.0	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.5
43099	43464	2038	2039	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.5
43464	43830	2039	2040	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.5
43830	44195	2040	2041	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.5
44195	44560	2041	2042	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.5
44560	44925	2042	2043	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.5
44925	45291	2043	2044	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.5
45291	45656	2044	2045	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.4
45656	46021	2045	2046	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.1	12.4
46021	46386	2046	2047	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.0	12.4
46386	46752	2047	2048	0.4	0.1	1.2	0.5	1.9	2.8	2.3	1.2	0.6	0.3	1.2	7.4	5.0	12.4
46752	47117	2048	2049	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.4	5.0	12.4
47117	47482	2049	2050	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.3	5.0	12.4
47482	47847	2050	2051	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.3	5.0	12.4
47847	48213	2051	2052	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.3	5.0	12.4
48213	48578	2052	2053	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.3	5.0	12.3
48578	48943	2053	2054	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.3	5.0	12.3
48943	49308	2054	2055	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.3	5.0	12.3
49308	49674	2055	2056	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.3	5.0	12.3
49674	50039	2056	2057	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.2	0.6	0.3	1.2	7.3	5.0	12.3
50039	50404	2057	2058	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.2	7.3	5.0	12.3
50404	50769	2058	2059	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.2	7.3	5.0	12.3
50769	51135	2059	2060	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.2	7.3	5.0	12.3
51135	51500	2060	2061	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.2	7.3	5.0	12.3
51500	51865	2061	2062	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.2	7.3	5.0	12.2
51865	52230	2062	2063	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.1	7.3	5.0	12.2
52230	52596	2063	2064	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.1	7.3	5.0	12.2
52596	52961	2064	2065	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.1	7.2	5.0	12.2
52961	53326	2065	2066	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.1	7.2	5.0	12.2
53326	53691	2066	2067	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.1	7.2	5.0	12.2

B-4(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 3c)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.1	7.2	5.0	12.2
54057	54422	2068	2069	0.4	0.1	1.2	0.5	1.9	2.8	2.2	1.1	0.6	0.3	1.1	7.2	5.0	12.2
54422	54787	2069	2070	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	5.0	12.2
54787	55152	2070	2071	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.2
55152	55518	2071	2072	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
55518	55883	2072	2073	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
55883	56248	2073	2074	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
56248	56613	2074	2075	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
56613	56979	2075	2076	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
56979	57344	2076	2077	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
57344	57709	2077	2078	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
57709	58074	2078	2079	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.6	0.3	1.1	7.2	4.9	12.1
58074	58440	2079	2080	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.1
58440	58805	2080	2081	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.1
58805	59170	2081	2082	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
59170	59535	2082	2083	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
59535	59901	2083	2084	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
59901	60266	2084	2085	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
60266	60631	2085	2086	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
60631	60996	2086	2087	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
60996	61362	2087	2088	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
61362	61727	2088	2089	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
61727	62092	2089	2090	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
62092	62457	2090	2091	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	12.0
62457	62823	2091	2092	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	11.9
62823	63188	2092	2093	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	11.9
63188	63553	2093	2094	0.4	0.1	1.2	0.5	1.9	2.8	2.1	1.1	0.5	0.3	1.1	7.1	4.9	11.9
63553	63918	2094	2095	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.1	4.9	11.9
63918	64284	2095	2096	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.1	4.9	11.9
64284	64649	2096	2097	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.1	4.9	11.9
64649	65014	2097	2098	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.9
65014	65379	2098	2099	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.9
65379	65745	2099	2100	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.9
65745	66110	2100	2101	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.9
66110	66475	2101	2102	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.9
66475	66840	2102	2103	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.9
66840	67206	2103	2104	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
67206	67571	2104	2105	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
67571	67936	2105	2106	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
67936	68301	2106	2107	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
68301	68667	2107	2108	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
68667	69032	2108	2109	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
69032	69397	2109	2110	0.4	0.1	1.2	0.5	1.9	2.8	2.0	1.1	0.5	0.3	1.1	7.0	4.8	11.8
	Salinity (mg/L)			2,500	3,000	7,000	2,000	7,000	3,000	7,000	7,000	8,000	8,000	5,000			

B-4(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 3c)



B-4(S3c). Graph of modelled salt load (tonnes/day) entering the River Murray in the Upper Mannum to Mannum area (Scenario 3c)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	3652	1920	1930	15	5	2	96	44	308	18	103	84	51	88	598	215	813
3652	7305	1930	1940	14	5	2	96	44	307	17	103	79	50	88	593	213	806
7305	14610	1940	1960	14	5	2	96	44	307	15	102	74	48	87	586	210	795
14610	18263	1960	1970	14	5	2	96	44	307	15	102	72	47	87	583	209	791
18263	21915	1970	1980	14	5	2	96	44	307	14	101	71	47	87	580	208	788
21915	24837	1980	1988	14	5	2	96	44	307	13	101	70	46	87	579	207	785
24837	25202	1988	1989	14	5	2	96	44	307	13	101	70	46	87	578	207	785
25202	25567	1989	1990	14	5	2	96	44	307	13	101	70	46	87	578	207	785
25567	25932	1990	1991	14	5	2	96	44	307	13	101	69	46	87	578	207	785
25932	26298	1991	1992	14	5	2	96	44	307	13	101	69	46	87	578	207	785
26298	26663	1992	1993	14	5	2	96	44	307	13	101	69	46	87	578	207	785
26663	27028	1993	1994	14	5	2	96	44	307	13	101	69	46	87	578	206	784
27028	27393	1994	1995	14	5	2	96	44	307	13	101	69	46	87	578	206	784
27393	27759	1995	1996	14	5	2	96	44	307	13	101	69	46	87	578	206	784
27759	28124	1996	1997	14	5	2	96	44	307	13	101	69	46	87	578	206	784
28124	28489	1997	1998	14	5	2	96	44	307	13	101	69	46	87	577	206	784
28489	28854	1998	1999	14	5	2	96	44	307	13	101	69	46	87	577	206	783
28854	29220	1999	2000	13	5	2	96	44	307	13	101	69	46	87	577	206	783
29220	29585	2000	2001	4	0	0	74	53	247	0	99	70	46	81	472	202	674
29585	29950	2001	2002	7	0	15	94	78	637	41	99	72	46	113	956	243	1200
29950	30315	2002	2003	24	10	60	126	149	829	126	107	74	45	142	1307	386	1693
30315	30681	2003	2004	44	17	98	151	194	921	207	118	75	45	163	1534	499	2032
30681	31046	2004	2005	21	3	76	120	143	841	72	98	74	45	126	1237	383	1620
31046	31411	2005	2006	25	5	87	124	156	844	80	100	75	44	131	1258	412	1670
31411	31776	2006	2007	27	5	91	125	158	829	78	100	75	44	131	1244	421	1665
31776	32142	2007	2008	69	25	143	177	240	935	276	133	77	44	183	1674	629	2303
32142	32507	2008	2009	189	77	273	333	543	1216	833	315	80	44	372	2910	1365	4275
32507	32872	2009	2010	287	112	362	450	748	1418	1225	458	79	44	529	3812	1898	5710
32872	33237	2010	2011	238	82	288	373	539	1233	915	356	72	44	421	3095	1465	4560
33237	33603	2011	2012	216	69	255	340	453	1147	761	308	70	44	368	2755	1276	4031
33603	33968	2012	2013	203	60	234	321	406	1097	666	278	69	44	336	2548	1165	3714
33968	34333	2013	2014	194	54	221	307	376	1063	599	257	69	44	314	2407	1092	3498
34333	34698	2014	2015	188	50	212	297	355	1039	549	241	68	44	299	2303	1039	3341
34698	35064	2015	2016	182	46	205	289	340	1021	511	228	68	44	287	2222	999	3221
35064	35429	2016	2017	178	43	200	283	328	1007	480	218	68	44	277	2159	968	3126
35429	35794	2017	2018	175	41	196	278	319	995	454	210	69	43	270	2106	943	3049
35794	36159	2018	2019	172	39	192	273	311	985	433	203	69	43	263	2062	922	2984
36159	36525	2019	2020	169	37	189	270	305	977	414	197	69	43	258	2025	904	2929
36525	36890	2020	2021	167	36	187	266	300	970	398	192	69	43	254	1993	888	2881
36890	37255	2021	2022	165	35	185	264	296	964	385	187	69	43	250	1966	876	2842
37255	37620	2022	2023	163	33	183	261	292	959	373	183	69	43	247	1942	864	2806
37620	37986	2023	2024	161	32	181	259	289	955	363	180	69	43	244	1921	854	2775
37986	38351	2024	2025	160	31	186	261	311	987	363	177	70	45	271	1983	878	2862

B-4(S4). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 4)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	161	30	191	261	326	1006	355	174	72	45	274	1999	896	2895
38716	39081	2026	2027	162	30	195	271	341	1029	352	172	75	45	274	2030	914	2944
39081	39447	2027	2028	162	29	200	277	348	1055	346	170	76	45	275	2058	925	2983
39447	39812	2028	2029	163	28	205	281	353	1082	349	168	78	45	275	2093	934	3027
39812	40177	2029	2030	164	28	209	285	357	1107	343	167	80	45	276	2118	942	3060
40177	40542	2030	2031	165	27	216	288	360	1143	344	166	81	45	281	2164	952	3116
40542	40908	2031	2032	166	26	221	291	362	1173	340	166	82	45	289	2201	960	3161
40908	41273	2032	2033	167	26	230	301	371	1224	343	166	83	44	302	2278	978	3256
41273	41638	2033	2034	168	25	236	307	378	1261	340	167	85	44	307	2325	993	3318
41638	42003	2034	2035	170	25	241	312	383	1290	336	168	88	44	311	2361	1006	3367
42003	42369	2035	2036	171	24	250	325	401	1350	344	169	92	46	326	2462	1038	3500
42369	42734	2036	2037	173	24	261	333	417	1392	342	171	94	49	332	2517	1071	3588
42734	43099	2037	2038	175	24	272	338	430	1428	339	174	96	51	336	2561	1101	3661
43099	43464	2038	2039	177	23	282	343	440	1458	336	176	97	53	339	2596	1129	3725
43464	43830	2039	2040	180	23	292	347	449	1484	333	179	99	55	342	2627	1155	3782
43830	44195	2040	2041	183	22	301	350	457	1507	329	181	100	57	344	2652	1179	3832
44195	44560	2041	2042	186	22	310	353	464	1526	326	184	101	58	346	2675	1202	3877
44560	44925	2042	2043	189	22	318	356	470	1543	323	188	102	59	348	2694	1224	3918
44925	45291	2043	2044	192	22	326	359	476	1558	321	191	103	60	350	2711	1245	3956
45291	45656	2044	2045	196	21	334	361	482	1572	318	194	104	60	351	2727	1265	3992
45656	46021	2045	2046	199	21	341	363	486	1584	315	197	104	61	353	2740	1284	4025
46021	46386	2046	2047	202	21	348	366	491	1595	313	200	105	62	354	2753	1302	4055
46386	46752	2047	2048	205	20	354	368	495	1605	310	203	106	62	355	2764	1320	4084
46752	47117	2048	2049	208	20	361	369	499	1615	308	206	107	62	356	2775	1337	4111
47117	47482	2049	2050	211	20	367	371	503	1623	305	209	107	63	357	2784	1353	4137
47482	47847	2050	2051	213	20	372	373	507	1631	303	212	108	63	358	2793	1368	4161
47847	48213	2051	2052	216	20	378	375	510	1639	301	215	108	64	359	2801	1383	4184
48213	48578	2052	2053	219	19	383	376	513	1646	299	218	109	64	360	2809	1397	4206
48578	48943	2053	2054	221	19	388	378	516	1653	297	221	109	64	361	2816	1410	4226
48943	49308	2054	2055	224	19	393	379	519	1659	295	223	110	64	361	2823	1423	4246
49308	49674	2055	2056	226	19	397	380	522	1665	293	226	110	65	362	2829	1435	4265
49674	50039	2056	2057	229	19	402	382	524	1670	291	228	110	65	363	2835	1447	4282
50039	50404	2057	2058	231	19	406	383	526	1676	290	230	111	65	363	2841	1459	4300
50404	50769	2058	2059	233	18	410	384	529	1681	288	233	111	65	364	2847	1469	4316
50769	51135	2059	2060	235	18	413	385	531	1686	286	235	111	65	364	2852	1480	4332
51135	51500	2060	2061	238	18	417	387	533	1690	285	237	112	66	365	2857	1490	4347
51500	51865	2061	2062	240	18	421	388	535	1695	283	239	112	66	365	2861	1500	4361
51865	52230	2062	2063	241	18	424	389	537	1699	282	241	112	66	366	2866	1509	4375
52230	52596	2063	2064	243	18	427	390	539	1703	280	243	112	66	366	2870	1518	4388
52596	52961	2064	2065	245	18	430	391	541	1707	279	245	113	66	367	2874	1527	4401
52961	53326	2065	2066	247	18	433	392	542	1711	278	246	113	66	367	2878	1535	4413
53326	53691	2066	2067	249	18	436	393	544	1715	276	248	113	66	367	2882	1543	4424

B-4(S4). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 4)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	250	18	439	394	545	1718	275	250	113	66	368	2885	1550	4436
54057	54422	2068	2069	252	18	441	394	547	1722	274	251	113	67	368	2889	1558	4446
54422	54787	2069	2070	253	17	444	395	548	1725	273	253	114	67	369	2892	1565	4457
54787	55152	2070	2071	255	17	446	396	550	1728	271	254	114	67	369	2895	1571	4467
55152	55518	2071	2072	256	17	448	397	551	1731	270	256	114	67	369	2899	1578	4477
55518	55883	2072	2073	258	17	451	398	552	1734	269	257	114	67	370	2902	1584	4486
55883	56248	2073	2074	259	17	453	399	553	1737	268	258	114	67	370	2905	1590	4495
56248	56613	2074	2075	260	17	455	399	555	1740	267	260	114	67	370	2907	1596	4504
56613	56979	2075	2076	262	17	457	400	556	1743	266	261	114	67	370	2910	1602	4512
56979	57344	2076	2077	263	17	459	401	557	1745	265	262	114	67	371	2913	1608	4520
57344	57709	2077	2078	264	17	460	401	558	1748	264	263	114	67	371	2915	1613	4528
57709	58074	2078	2079	266	17	462	402	559	1750	263	264	114	67	371	2918	1618	4536
58074	58440	2079	2080	267	17	464	403	560	1753	262	265	115	67	372	2920	1623	4543
58440	58805	2080	2081	268	17	465	403	560	1755	261	266	115	67	372	2923	1627	4550
58805	59170	2081	2082	269	17	467	404	561	1757	260	267	115	67	372	2925	1632	4556
59170	59535	2082	2083	270	17	468	405	562	1759	259	268	115	68	372	2927	1636	4563
59535	59901	2083	2084	271	17	470	405	563	1761	259	269	115	68	372	2929	1640	4569
59901	60266	2084	2085	272	17	471	406	564	1763	258	270	115	68	373	2931	1644	4575
60266	60631	2085	2086	273	17	472	406	564	1765	257	271	115	68	373	2933	1648	4581
60631	60996	2086	2087	274	17	473	407	565	1767	256	271	115	68	373	2935	1652	4586
60996	61362	2087	2088	275	17	475	407	566	1769	255	272	115	68	373	2937	1655	4592
61362	61727	2088	2089	276	17	476	408	566	1771	255	273	115	68	374	2939	1658	4597
61727	62092	2089	2090	277	17	477	408	567	1773	254	273	115	68	374	2940	1662	4602
62092	62457	2090	2091	278	17	478	409	567	1775	253	274	115	68	374	2942	1665	4607
62457	62823	2091	2092	278	17	479	409	568	1776	253	275	115	68	374	2944	1668	4612
62823	63188	2092	2093	279	17	480	410	569	1778	252	275	115	68	374	2945	1671	4616
63188	63553	2093	2094	280	17	481	410	569	1780	251	276	115	68	374	2947	1674	4621
63553	63918	2094	2095	281	17	482	411	570	1781	250	277	115	68	375	2949	1677	4626
63918	64284	2095	2096	282	17	483	411	570	1783	250	277	115	68	375	2950	1680	4630
64284	64649	2096	2097	282	17	483	412	570	1784	249	278	115	68	375	2952	1682	4634
64649	65014	2097	2098	283	17	484	412	571	1786	249	278	115	68	375	2953	1685	4638
65014	65379	2098	2099	284	17	485	412	571	1787	248	279	115	68	375	2955	1687	4642
65379	65745	2099	2100	285	17	486	413	572	1788	247	279	115	68	375	2956	1689	4645
65745	66110	2100	2101	285	17	486	413	572	1790	247	280	115	68	376	2957	1692	4649
66110	66475	2101	2102	286	17	487	414	572	1791	246	280	115	68	376	2958	1694	4652
66475	66840	2102	2103	286	17	488	414	573	1792	246	281	115	68	376	2960	1696	4655
66840	67206	2103	2104	287	17	488	414	573	1794	245	281	115	68	376	2961	1698	4659
67206	67571	2104	2105	288	17	489	415	573	1795	245	281	115	68	376	2962	1700	4662
67571	67936	2105	2106	288	17	489	415	574	1796	244	282	115	68	376	2963	1701	4665
67936	68301	2106	2107	289	17	490	415	574	1797	244	282	114	68	376	2964	1703	4667
68301	68667	2107	2108	289	17	490	416	574	1798	243	283	114	68	377	2965	1705	4670
68667	69032	2108	2109	290	17	491	416	574	1799	243	283	114	68	377	2966	1706	4673
69032	69397	2109	2110	290	17	491	416	574	1799	243	283	114	68	377	2966	1706	4673

B-4(S4). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 4)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3652*	1920	1930	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.7	0.4	0.4	***2.4***	***1.5***	**3.9**
3652	*7305*	1930	1940	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.3***	***1.5***	**3.8**
7305	*14610*	1940	1960	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.3***	***1.5***	**3.7**
14610	*18263*	1960	1970	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.7**
18263	*21915*	1970	1980	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.7**
21915	*24837*	1980	1988	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
24837	*25202*	1988	1989	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
25202	*25567*	1989	1990	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
25567	*25932*	1990	1991	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
25932	*26298*	1991	1992	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
26298	*26663*	1992	1993	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
26663	*27028*	1993	1994	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
27028	*27393*	1994	1995	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
27393	*27759*	1995	1996	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
27759	*28124*	1996	1997	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
28124	*28489*	1997	1998	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
28489	*28854*	1998	1999	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
28854	*29220*	1999	2000	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	***2.2***	***1.4***	**3.6**
29220	*29585*	2000	2001	0.0	0.0	0.0	0.1	0.4	0.7	0.0	0.7	0.6	0.4	0.4	***1.9***	***1.4***	**3.3**
29585	*29950*	2001	2002	0.0	0.0	0.1	0.2	0.5	1.9	0.3	0.7	0.6	0.4	0.6	***3.5***	***1.7***	**5.2**
29950	*30315*	2002	2003	0.1	0.0	0.4	0.3	1.0	2.5	0.9	0.7	0.6	0.4	0.7	***5.0***	***2.6***	**7.6**
30315	*30681*	2003	2004	0.1	0.1	0.7	0.3	1.4	2.8	1.5	0.8	0.6	0.4	0.8	***6.0***	***3.3***	**9.3**
30681	*31046*	2004	2005	0.1	0.0	0.5	0.2	1.0	2.5	0.5	0.7	0.6	0.4	0.6	***4.5***	***2.6***	**7.1**
31046	*31411*	2005	2006	0.1	0.0	0.6	0.2	1.1	2.5	0.6	0.7	0.6	0.4	0.7	***4.6***	***2.8***	**7.4**
31411	*31776*	2006	2007	0.1	0.0	0.6	0.3	1.1	2.5	0.5	0.7	0.6	0.4	0.7	***4.6***	***2.9***	**7.4**
31776	*32142*	2007	2008	0.2	0.1	1.0	0.4	1.7	2.8	1.9	0.9	0.6	0.4	0.9	***6.7***	***4.1***	**10.8**
32142	*32507*	2008	2009	0.5	0.2	1.9	0.7	3.8	3.6	5.8	2.2	0.6	0.4	1.9	***12.9***	***8.7***	**21.6**
32507	*32872*	2009	2010	0.7	0.3	2.5	0.9	5.2	4.3	8.6	3.2	0.6	0.4	2.6	***17.3***	***12.0***	**29.4**
32872	*33237*	2010	2011	0.6	0.2	2.0	0.7	3.8	3.7	6.4	2.5	0.6	0.4	2.1	***13.8***	***9.2***	**23.0**
33237	*33603*	2011	2012	0.5	0.2	1.8	0.7	3.2	3.4	5.3	2.2	0.6	0.4	1.8	***12.1***	***8.0***	**20.1**
33603	*33968*	2012	2013	0.5	0.2	1.6	0.6	2.8	3.3	4.7	1.9	0.6	0.4	1.7	***11.0***	***7.3***	**18.3**
33968	*34333*	2013	2014	0.5	0.2	1.5	0.6	2.6	3.2	4.2	1.8	0.5	0.3	1.6	***10.3***	***6.8***	**17.1**
34333	*34698*	2014	2015	0.5	0.1	1.5	0.6	2.5	3.1	3.8	1.7	0.5	0.3	1.5	***9.7***	***6.5***	**16.2**
34698	*35064*	2015	2016	0.5	0.1	1.4	0.6	2.4	3.1	3.6	1.6	0.5	0.3	1.4	***9.3***	***6.2***	**15.6**
35064	*35429*	2016	2017	0.4	0.1	1.4	0.6	2.3	3.0	3.4	1.5	0.5	0.3	1.4	***9.0***	***6.0***	**15.0**
35429	*35794*	2017	2018	0.4	0.1	1.4	0.6	2.2	3.0	3.2	1.5	0.5	0.3	1.3	***8.7***	***5.9***	**14.6**
35794	*36159*	2018	2019	0.4	0.1	1.3	0.5	2.2	3.0	3.0	1.4	0.5	0.3	1.3	***8.5***	***5.7***	**14.2**
36159	*36525*	2019	2020	0.4	0.1	1.3	0.5	2.1	2.9	2.9	1.4	0.5	0.3	1.3	***8.3***	***5.6***	**13.9**
36525	*36890*	2020	2021	0.4	0.1	1.3	0.5	2.1	2.9	2.8	1.3	0.6	0.3	1.3	***8.2***	***5.5***	**13.7**
36890	*37255*	2021	2022	0.4	0.1	1.3	0.5	2.1	2.9	2.7	1.3	0.6	0.3	1.2	***8.0***	***5.4***	**13.5**
37255	*37620*	2022	2023	0.4	0.1	1.3	0.5	2.0	2.9	2.6	1.3	0.6	0.3	1.2	***7.9***	***5.4***	**13.3**
37620	*37986*	2023	2024	0.4	0.1	1.3	0.5	2.0	2.9	2.5	1.3	0.6	0.3	1.2	***7.8***	***5.3***	**13.1**
37986	*38351*	2024	2025	0.4	0.1	1.3	0.5	2.2	3.0	2.5	1.2	0.6	0.4	1.4	***8.0***	***5.5***	**13.5**

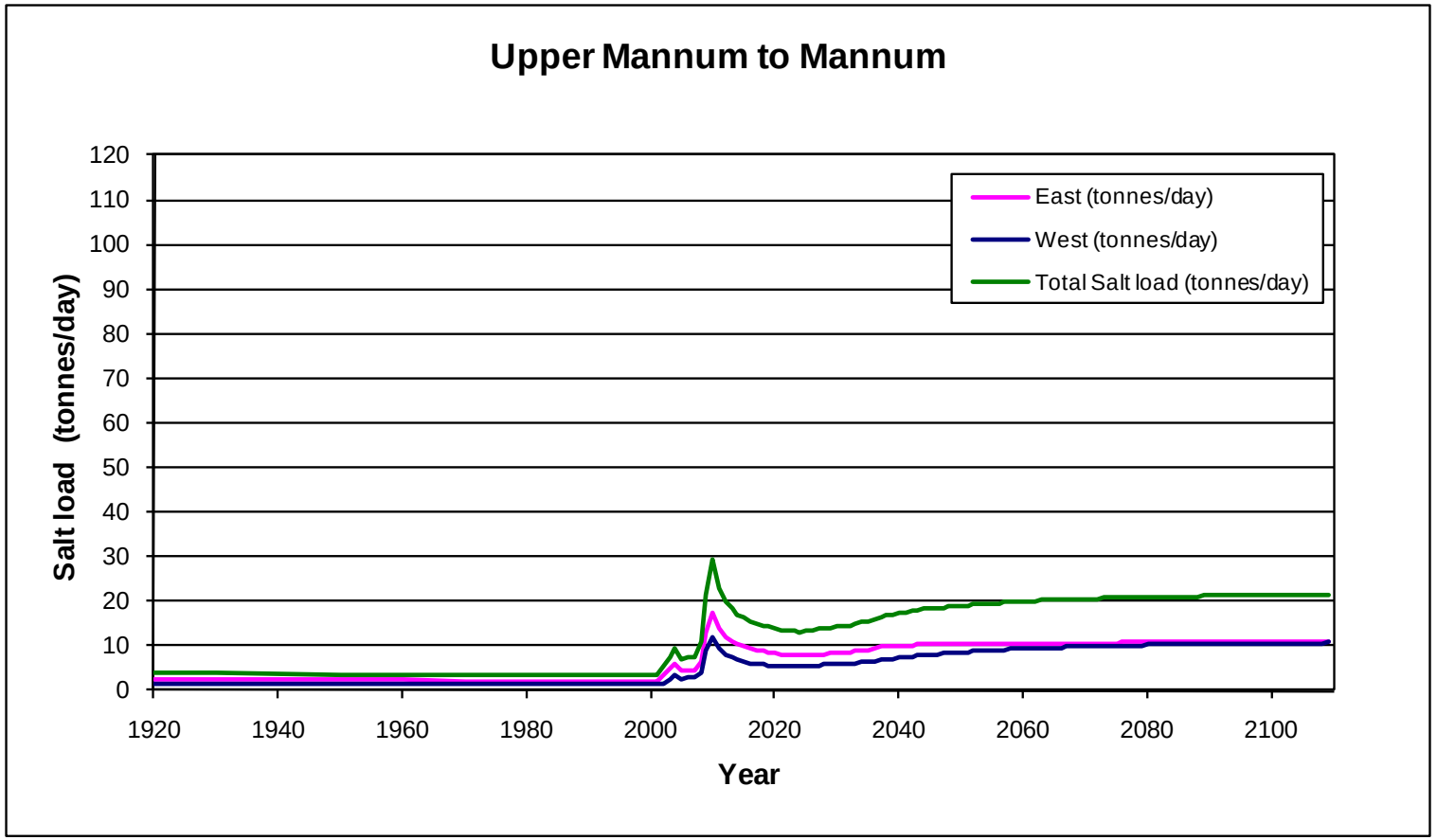
B-4(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 4)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.4	0.1	1.3	0.5	2.3	3.0	2.5	1.2	0.6	0.4	1.4	8.1	5.6	13.7
38716	39081	2026	2027	0.4	0.1	1.4	0.5	2.4	3.1	2.5	1.2	0.6	0.4	1.4	8.1	5.7	13.9
39081	39447	2027	2028	0.4	0.1	1.4	0.6	2.4	3.2	2.4	1.2	0.6	0.4	1.4	8.2	5.8	14.0
39447	39812	2028	2029	0.4	0.1	1.4	0.6	2.5	3.2	2.4	1.2	0.6	0.4	1.4	8.3	5.8	14.2
39812	40177	2029	2030	0.4	0.1	1.5	0.6	2.5	3.3	2.4	1.2	0.6	0.4	1.4	8.4	5.9	14.3
40177	40542	2030	2031	0.4	0.1	1.5	0.6	2.5	3.4	2.4	1.2	0.6	0.4	1.4	8.5	6.0	14.5
40542	40908	2031	2032	0.4	0.1	1.5	0.6	2.5	3.5	2.4	1.2	0.7	0.4	1.4	8.7	6.0	14.7
40908	41273	2032	2033	0.4	0.1	1.6	0.6	2.6	3.7	2.4	1.2	0.7	0.4	1.5	8.9	6.1	15.1
41273	41638	2033	2034	0.4	0.1	1.7	0.6	2.6	3.8	2.4	1.2	0.7	0.4	1.5	9.1	6.2	15.3
41638	42003	2034	2035	0.4	0.1	1.7	0.6	2.7	3.9	2.4	1.2	0.7	0.4	1.6	9.2	6.3	15.5
42003	42369	2035	2036	0.4	0.1	1.8	0.7	2.8	4.0	2.4	1.2	0.7	0.4	1.6	9.6	6.5	16.1
42369	42734	2036	2037	0.4	0.1	1.8	0.7	2.9	4.2	2.4	1.2	0.8	0.4	1.7	9.7	6.8	16.5
42734	43099	2037	2038	0.4	0.1	1.9	0.7	3.0	4.3	2.4	1.2	0.8	0.4	1.7	9.9	7.0	16.8
43099	43464	2038	2039	0.4	0.1	2.0	0.7	3.1	4.4	2.4	1.2	0.8	0.4	1.7	10.0	7.2	17.1
43464	43830	2039	2040	0.5	0.1	2.0	0.7	3.1	4.5	2.3	1.3	0.8	0.4	1.7	10.0	7.3	17.4
43830	44195	2040	2041	0.5	0.1	2.1	0.7	3.2	4.5	2.3	1.3	0.8	0.5	1.7	10.1	7.5	17.6
44195	44560	2041	2042	0.5	0.1	2.2	0.7	3.2	4.6	2.3	1.3	0.8	0.5	1.7	10.2	7.6	17.8
44560	44925	2042	2043	0.5	0.1	2.2	0.7	3.3	4.6	2.3	1.3	0.8	0.5	1.7	10.2	7.8	18.0
44925	45291	2043	2044	0.5	0.1	2.3	0.7	3.3	4.7	2.2	1.3	0.8	0.5	1.7	10.3	7.9	18.2
45291	45656	2044	2045	0.5	0.1	2.3	0.7	3.4	4.7	2.2	1.4	0.8	0.5	1.8	10.3	8.0	18.3
45656	46021	2045	2046	0.5	0.1	2.4	0.7	3.4	4.8	2.2	1.4	0.8	0.5	1.8	10.3	8.2	18.5
46021	46386	2046	2047	0.5	0.1	2.4	0.7	3.4	4.8	2.2	1.4	0.8	0.5	1.8	10.4	8.3	18.6
46386	46752	2047	2048	0.5	0.1	2.5	0.7	3.5	4.8	2.2	1.4	0.8	0.5	1.8	10.4	8.4	18.8
46752	47117	2048	2049	0.5	0.1	2.5	0.7	3.5	4.8	2.2	1.4	0.9	0.5	1.8	10.4	8.5	18.9
47117	47482	2049	2050	0.5	0.1	2.6	0.7	3.5	4.9	2.1	1.5	0.9	0.5	1.8	10.5	8.6	19.0
47482	47847	2050	2051	0.5	0.1	2.6	0.7	3.5	4.9	2.1	1.5	0.9	0.5	1.8	10.5	8.7	19.2
47847	48213	2051	2052	0.5	0.1	2.6	0.7	3.6	4.9	2.1	1.5	0.9	0.5	1.8	10.5	8.8	19.3
48213	48578	2052	2053	0.5	0.1	2.7	0.8	3.6	4.9	2.1	1.5	0.9	0.5	1.8	10.5	8.9	19.4
48578	48943	2053	2054	0.6	0.1	2.7	0.8	3.6	5.0	2.1	1.5	0.9	0.5	1.8	10.5	8.9	19.5
48943	49308	2054	2055	0.6	0.1	2.7	0.8	3.6	5.0	2.1	1.6	0.9	0.5	1.8	10.5	9.0	19.6
49308	49674	2055	2056	0.6	0.1	2.8	0.8	3.7	5.0	2.1	1.6	0.9	0.5	1.8	10.6	9.1	19.6
49674	50039	2056	2057	0.6	0.1	2.8	0.8	3.7	5.0	2.0	1.6	0.9	0.5	1.8	10.6	9.2	19.7
50039	50404	2057	2058	0.6	0.1	2.8	0.8	3.7	5.0	2.0	1.6	0.9	0.5	1.8	10.6	9.2	19.8
50404	50769	2058	2059	0.6	0.1	2.9	0.8	3.7	5.0	2.0	1.6	0.9	0.5	1.8	10.6	9.3	19.9
50769	51135	2059	2060	0.6	0.1	2.9	0.8	3.7	5.1	2.0	1.6	0.9	0.5	1.8	10.6	9.4	20.0
51135	51500	2060	2061	0.6	0.1	2.9	0.8	3.7	5.1	2.0	1.7	0.9	0.5	1.8	10.6	9.4	20.0
51500	51865	2061	2062	0.6	0.1	2.9	0.8	3.7	5.1	2.0	1.7	0.9	0.5	1.8	10.6	9.5	20.1
51865	52230	2062	2063	0.6	0.1	3.0	0.8	3.8	5.1	2.0	1.7	0.9	0.5	1.8	10.6	9.5	20.2
52230	52596	2063	2064	0.6	0.1	3.0	0.8	3.8	5.1	2.0	1.7	0.9	0.5	1.8	10.6	9.6	20.2
52596	52961	2064	2065	0.6	0.1	3.0	0.8	3.8	5.1	2.0	1.7	0.9	0.5	1.8	10.6	9.6	20.3
52961	53326	2065	2066	0.6	0.1	3.0	0.8	3.8	5.1	1.9	1.7	0.9	0.5	1.8	10.7	9.7	20.4
53326	53691	2066	2067	0.6	0.1	3.1	0.8	3.8	5.1	1.9	1.7	0.9	0.5	1.8	10.7	9.7	20.4

B-4(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 4)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	0.6	0.1	3.1	0.8	3.8	5.2	1.9	1.7	0.9	0.5	1.8	10.7	9.8	20.5
54057	54422	2068	2069	0.6	0.1	3.1	0.8	3.8	5.2	1.9	1.8	0.9	0.5	1.8	10.7	9.8	20.5
54422	54787	2069	2070	0.6	0.1	3.1	0.8	3.8	5.2	1.9	1.8	0.9	0.5	1.8	10.7	9.9	20.6
54787	55152	2070	2071	0.6	0.1	3.1	0.8	3.8	5.2	1.9	1.8	0.9	0.5	1.8	10.7	9.9	20.6
55152	55518	2071	2072	0.6	0.1	3.1	0.8	3.9	5.2	1.9	1.8	0.9	0.5	1.8	10.7	10.0	20.6
55518	55883	2072	2073	0.6	0.1	3.2	0.8	3.9	5.2	1.9	1.8	0.9	0.5	1.8	10.7	10.0	20.7
55883	56248	2073	2074	0.6	0.1	3.2	0.8	3.9	5.2	1.9	1.8	0.9	0.5	1.8	10.7	10.0	20.7
56248	56613	2074	2075	0.7	0.1	3.2	0.8	3.9	5.2	1.9	1.8	0.9	0.5	1.9	10.7	10.1	20.8
56613	56979	2075	2076	0.7	0.1	3.2	0.8	3.9	5.2	1.9	1.8	0.9	0.5	1.9	10.7	10.1	20.8
56979	57344	2076	2077	0.7	0.1	3.2	0.8	3.9	5.2	1.9	1.8	0.9	0.5	1.9	10.7	10.1	20.8
57344	57709	2077	2078	0.7	0.1	3.2	0.8	3.9	5.2	1.8	1.8	0.9	0.5	1.9	10.7	10.2	20.9
57709	58074	2078	2079	0.7	0.1	3.2	0.8	3.9	5.3	1.8	1.8	0.9	0.5	1.9	10.7	10.2	20.9
58074	58440	2079	2080	0.7	0.1	3.2	0.8	3.9	5.3	1.8	1.9	0.9	0.5	1.9	10.7	10.2	20.9
58440	58805	2080	2081	0.7	0.1	3.3	0.8	3.9	5.3	1.8	1.9	0.9	0.5	1.9	10.7	10.3	21.0
58805	59170	2081	2082	0.7	0.1	3.3	0.8	3.9	5.3	1.8	1.9	0.9	0.5	1.9	10.7	10.3	21.0
59170	59535	2082	2083	0.7	0.1	3.3	0.8	3.9	5.3	1.8	1.9	0.9	0.5	1.9	10.7	10.3	21.0
59535	59901	2083	2084	0.7	0.1	3.3	0.8	3.9	5.3	1.8	1.9	0.9	0.5	1.9	10.7	10.3	21.1
59901	60266	2084	2085	0.7	0.1	3.3	0.8	3.9	5.3	1.8	1.9	0.9	0.5	1.9	10.7	10.4	21.1
60266	60631	2085	2086	0.7	0.1	3.3	0.8	4.0	5.3	1.8	1.9	0.9	0.5	1.9	10.7	10.4	21.1
60631	60996	2086	2087	0.7	0.1	3.3	0.8	4.0	5.3	1.8	1.9	0.9	0.5	1.9	10.7	10.4	21.1
60996	61362	2087	2088	0.7	0.1	3.3	0.8	4.0	5.3	1.8	1.9	0.9	0.5	1.9	10.7	10.4	21.2
61362	61727	2088	2089	0.7	0.1	3.3	0.8	4.0	5.3	1.8	1.9	0.9	0.5	1.9	10.7	10.4	21.2
61727	62092	2089	2090	0.7	0.1	3.3	0.8	4.0	5.3	1.8	1.9	0.9	0.5	1.9	10.7	10.5	21.2
62092	62457	2090	2091	0.7	0.1	3.3	0.8	4.0	5.3	1.8	1.9	0.9	0.5	1.9	10.8	10.5	21.2
62457	62823	2091	2092	0.7	0.1	3.4	0.8	4.0	5.3	1.8	1.9	0.9	0.5	1.9	10.8	10.5	21.2
62823	63188	2092	2093	0.7	0.1	3.4	0.8	4.0	5.3	1.8	1.9	0.9	0.5	1.9	10.8	10.5	21.3
63188	63553	2093	2094	0.7	0.1	3.4	0.8	4.0	5.3	1.8	1.9	0.9	0.5	1.9	10.8	10.5	21.3
63553	63918	2094	2095	0.7	0.1	3.4	0.8	4.0	5.3	1.8	1.9	0.9	0.5	1.9	10.8	10.5	21.3
63918	64284	2095	2096	0.7	0.1	3.4	0.8	4.0	5.3	1.7	1.9	0.9	0.5	1.9	10.8	10.6	21.3
64284	64649	2096	2097	0.7	0.1	3.4	0.8	4.0	5.4	1.7	1.9	0.9	0.5	1.9	10.8	10.6	21.3
64649	65014	2097	2098	0.7	0.1	3.4	0.8	4.0	5.4	1.7	1.9	0.9	0.5	1.9	10.8	10.6	21.4
65014	65379	2098	2099	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.6	21.4
65379	65745	2099	2100	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.6	21.4
65745	66110	2100	2101	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.6	21.4
66110	66475	2101	2102	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.6	21.4
66475	66840	2102	2103	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.6	21.4
66840	67206	2103	2104	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.7	21.4
67206	67571	2104	2105	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.7	21.4
67571	67936	2105	2106	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.7	21.5
67936	68301	2106	2107	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.7	21.5
68301	68667	2107	2108	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.7	21.5
68667	69032	2108	2109	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.7	21.5
69032	69397	2109	2110	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.7	21.5
	Salinity (mg/L)			2,500	3,000	7,000	2,000	7,000	3,000	7,000	7,000	8,000	8,000	5,000			

B-4(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 4)



B-4(S4). Graph of modelled salt load (tonnes/day) entering the River Murray in the Upper Mannum to Mannum area (Scenario 4)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	15	5	2	96	44	308	18	103	84	51	88	*598*	*215*	813
3652	*7305*	1930	1940	14	5	2	96	44	307	17	103	79	50	88	*593*	*213*	806
7305	*14610*	1940	1960	14	5	2	96	44	307	15	102	74	48	87	*586*	*210*	795
14610	*18263*	1960	1970	14	5	2	96	44	307	15	102	72	47	87	*583*	*209*	791
18263	*21915*	1970	1980	14	5	2	96	44	307	14	101	71	47	87	*580*	*208*	788
21915	*24837*	1980	1988	14	5	2	96	44	307	13	101	70	46	87	*579*	*207*	785
24837	*25202*	1988	1989	14	5	2	96	44	307	13	101	70	46	87	*578*	*207*	785
25202	*25567*	1989	1990	14	5	2	96	44	307	13	101	70	46	87	*578*	*207*	785
25567	*25932*	1990	1991	14	5	2	96	44	307	13	101	70	46	87	*578*	*207*	785
25932	*26298*	1991	1992	14	5	2	96	44	307	13	101	69	46	87	*578*	*207*	785
26298	*26663*	1992	1993	14	5	2	96	44	307	13	101	69	46	87	*578*	*207*	785
26663	*27028*	1993	1994	14	5	2	96	44	307	13	101	69	46	87	*578*	*207*	785
27028	*27393*	1994	1995	14	5	2	96	44	307	13	101	69	46	87	*578*	*206*	784
27393	*27759*	1995	1996	14	5	2	96	44	307	13	101	69	46	87	*578*	*206*	784
27759	*28124*	1996	1997	14	5	2	96	44	307	13	101	69	46	87	*578*	*206*	784
28124	*28489*	1997	1998	14	5	2	96	44	307	13	101	69	46	87	*577*	*206*	784
28489	*28854*	1998	1999	14	5	2	96	44	307	13	101	69	46	87	*577*	*206*	783
28854	*29220*	1999	2000	13	5	2	96	44	307	13	101	69	46	87	*577*	*206*	783
29220	*29585*	2000	2001	4	0	0	74	53	247	0	99	70	46	81	*472*	*202*	674
29585	*29950*	2001	2002	7	0	15	94	78	637	41	99	72	46	113	*956*	*243*	1200
29950	*30315*	2002	2003	24	10	61	126	149	830	126	107	74	45	142	*1308*	*386*	1694
30315	*30681*	2003	2004	44	17	98	151	194	921	208	118	75	45	163	*1534*	*499*	2033
30681	*31046*	2004	2005	21	3	76	120	143	841	73	98	74	45	126	*1237*	*383*	1620
31046	*31411*	2005	2006	25	5	87	124	156	844	80	100	75	44	131	*1258*	*412*	1670
31411	*31776*	2006	2007	28	5	91	126	158	829	78	100	75	44	131	*1244*	*421*	1665
31776	*32142*	2007	2008	69	25	143	177	240	935	277	133	77	44	183	*1674*	*629*	2303
32142	*32507*	2008	2009	189	77	273	333	543	1215	832	315	80	44	372	*2910*	*1365*	4275
32507	*32872*	2009	2010	287	112	362	450	748	1418	1225	458	79	44	529	*3812*	*1898*	5710
32872	*33237*	2010	2011	238	82	288	373	539	1233	914	356	72	44	421	*3094*	*1465*	4560
33237	*33603*	2011	2012	216	69	255	340	453	1147	761	308	70	44	368	*2755*	*1276*	4031
33603	*33968*	2012	2013	203	60	235	321	406	1097	665	278	69	44	336	*2548*	*1165*	3714
33968	*34333*	2013	2014	194	54	221	307	376	1063	599	257	69	44	315	*2407*	*1092*	3499
34333	*34698*	2014	2015	188	50	212	297	355	1039	550	241	68	44	299	*2303*	*1039*	3342
34698	*35064*	2015	2016	182	46	205	290	340	1021	511	228	68	44	287	*2223*	*999*	3222
35064	*35429*	2016	2017	178	43	200	283	328	1007	480	218	69	44	277	*2159*	*968*	3127
35429	*35794*	2017	2018	175	41	196	278	319	995	454	210	69	43	270	*2107*	*943*	3049
35794	*36159*	2018	2019	172	39	192	273	311	985	433	203	69	43	264	*2063*	*922*	2984
36159	*36525*	2019	2020	169	37	189	270	305	977	414	197	69	43	258	*2025*	*904*	2929
36525	*36890*	2020	2021	167	36	187	266	300	970	398	192	69	43	254	*1993*	*889*	2882
36890	*37255*	2021	2022	165	34	185	263	295	964	384	187	69	43	250	*1965*	*875*	2840
37255	*37620*	2022	2023	163	33	183	261	291	959	372	183	69	43	246	*1940*	*863*	2803
37620	*37986*	2023	2024	161	32	181	259	288	954	361	180	69	43	243	*1919*	*853*	2772
37986	*38351*	2024	2025	160	31	185	261	311	987	362	176	70	45	271	*1982*	*878*	2859

B-4(S5). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 5)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	161	30	191	261	326	1006	354	174	72	45	273	1997	896	2893
38716	39081	2026	2027	161	30	195	271	341	1029	351	171	75	45	274	2029	914	2942
39081	39447	2027	2028	162	29	200	277	348	1055	345	170	77	45	275	2057	925	2982
39447	39812	2028	2029	163	28	205	281	353	1082	348	168	78	45	275	2092	934	3026
39812	40177	2029	2030	164	27	209	284	356	1107	343	167	80	45	276	2117	941	3058
40177	40542	2030	2031	165	27	216	288	359	1143	343	166	81	45	281	2163	951	3114
40542	40908	2031	2032	166	26	221	291	362	1173	340	166	82	45	289	2200	959	3159
40908	41273	2032	2033	167	26	230	301	371	1224	342	166	83	45	301	2277	977	3255
41273	41638	2033	2034	168	25	236	307	377	1261	339	166	85	44	307	2324	992	3317
41638	42003	2034	2035	170	25	241	312	383	1290	335	168	88	44	310	2360	1006	3366
42003	42369	2035	2036	171	24	250	325	401	1350	344	169	92	46	326	2462	1038	3499
42369	42734	2036	2037	173	24	261	333	417	1392	342	171	94	49	332	2516	1070	3587
42734	43099	2037	2038	175	24	272	338	430	1428	339	173	96	51	336	2560	1101	3660
43099	43464	2038	2039	177	23	282	343	440	1458	335	176	97	53	339	2596	1129	3724
43464	43830	2039	2040	180	23	292	347	449	1484	332	179	99	55	342	2626	1155	3781
43830	44195	2040	2041	183	22	301	350	457	1507	329	181	100	57	344	2652	1179	3831
44195	44560	2041	2042	186	22	310	353	464	1526	326	184	101	58	346	2674	1202	3877
44560	44925	2042	2043	189	22	318	356	470	1543	323	187	102	59	348	2694	1224	3918
44925	45291	2043	2044	192	21	326	359	476	1558	320	191	103	60	350	2711	1245	3956
45291	45656	2044	2045	196	21	334	361	482	1572	317	194	104	60	351	2726	1265	3992
45656	46021	2045	2046	199	21	341	363	487	1584	315	197	104	61	353	2740	1284	4025
46021	46386	2046	2047	202	21	348	366	491	1595	312	200	105	62	354	2753	1303	4055
46386	46752	2047	2048	205	20	354	368	495	1605	310	203	106	62	355	2764	1320	4084
46752	47117	2048	2049	208	20	361	369	499	1615	307	206	107	62	356	2775	1337	4112
47117	47482	2049	2050	211	20	367	371	503	1624	305	209	107	63	357	2784	1353	4137
47482	47847	2050	2051	213	20	372	373	507	1632	303	212	108	63	358	2793	1368	4161
47847	48213	2051	2052	216	20	378	375	510	1639	301	215	108	64	359	2801	1383	4184
48213	48578	2052	2053	219	19	383	376	513	1646	299	218	109	64	360	2809	1397	4205
48578	48943	2053	2054	221	19	388	378	516	1653	297	221	109	64	361	2816	1410	4226
48943	49308	2054	2055	224	19	393	379	519	1659	295	223	110	64	361	2823	1423	4246
49308	49674	2055	2056	226	19	397	380	522	1665	293	226	110	65	362	2829	1435	4265
49674	50039	2056	2057	229	19	402	382	524	1671	291	228	110	65	363	2835	1447	4283
50039	50404	2057	2058	231	19	406	383	527	1676	290	230	111	65	363	2841	1459	4300
50404	50769	2058	2059	233	18	410	384	529	1681	288	233	111	65	364	2846	1470	4316
50769	51135	2059	2060	235	18	414	385	531	1686	286	235	111	65	364	2852	1480	4332
51135	51500	2060	2061	238	18	417	387	533	1691	285	237	112	66	365	2856	1490	4347
51500	51865	2061	2062	240	18	421	388	535	1695	283	239	112	66	365	2861	1500	4361
51865	52230	2062	2063	241	18	424	389	537	1699	282	241	112	66	366	2866	1509	4375
52230	52596	2063	2064	243	18	427	390	539	1703	280	243	112	66	366	2870	1518	4387
52596	52961	2064	2065	245	18	430	391	541	1707	279	245	113	66	367	2874	1526	4400
52961	53326	2065	2066	247	18	433	392	542	1711	278	246	113	66	367	2878	1534	4412
53326	53691	2066	2067	248	18	436	393	544	1714	276	248	113	66	367	2881	1542	4423

B-4(S5). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 5)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	250	18	438	394	545	1718	275	250	113	66	368	2885	1550	4434
54057	54422	2068	2069	252	17	441	394	547	1721	274	251	113	66	368	2888	1557	4445
54422	54787	2069	2070	253	17	443	395	548	1724	273	253	114	67	368	2892	1564	4455
54787	55152	2070	2071	255	17	446	396	549	1727	271	254	114	67	369	2895	1570	4465
55152	55518	2071	2072	256	17	448	397	551	1730	270	255	114	67	369	2898	1577	4475
55518	55883	2072	2073	257	17	450	398	552	1733	269	257	114	67	369	2901	1583	4484
55883	56248	2073	2074	259	17	452	398	553	1736	268	258	114	67	370	2904	1589	4493
56248	56613	2074	2075	260	17	454	399	554	1739	267	259	114	67	370	2907	1595	4502
56613	56979	2075	2076	261	17	456	400	555	1742	266	260	114	67	370	2909	1601	4510
56979	57344	2076	2077	263	17	458	401	556	1744	265	262	114	67	371	2912	1606	4518
57344	57709	2077	2078	264	17	460	401	557	1747	264	263	114	67	371	2914	1611	4526
57709	58074	2078	2079	265	17	462	402	558	1749	263	264	114	67	371	2917	1616	4533
58074	58440	2079	2080	266	17	463	403	559	1752	262	265	114	67	371	2919	1621	4540
58440	58805	2080	2081	267	17	465	403	560	1754	261	266	115	67	372	2922	1626	4547
58805	59170	2081	2082	269	17	466	404	561	1756	260	267	115	67	372	2924	1630	4554
59170	59535	2082	2083	270	17	468	404	562	1758	260	268	115	68	372	2926	1634	4560
59535	59901	2083	2084	271	17	469	405	563	1761	259	269	115	68	372	2928	1639	4567
59901	60266	2084	2085	272	17	471	406	563	1763	258	269	115	68	373	2930	1643	4573
60266	60631	2085	2086	273	17	472	406	564	1765	257	270	115	68	373	2932	1646	4579
60631	60996	2086	2087	274	17	473	407	565	1767	256	271	115	68	373	2934	1650	4584
60996	61362	2087	2088	275	17	474	407	565	1768	256	272	115	68	373	2936	1654	4590
61362	61727	2088	2089	275	17	475	408	566	1770	255	272	115	68	373	2938	1657	4595
61727	62092	2089	2090	276	17	476	408	567	1772	254	273	115	68	374	2940	1661	4600
62092	62457	2090	2091	277	17	477	409	567	1774	253	274	115	68	374	2941	1664	4605
62457	62823	2091	2092	278	17	479	409	568	1776	253	275	115	68	374	2943	1667	4610
62823	63188	2092	2093	279	17	480	410	568	1777	252	275	115	68	374	2945	1670	4615
63188	63553	2093	2094	280	17	480	410	569	1779	251	276	115	68	374	2946	1673	4619
63553	63918	2094	2095	281	17	481	411	569	1781	251	276	115	68	375	2948	1676	4624
63918	64284	2095	2096	281	17	482	411	570	1782	250	277	115	68	375	2950	1679	4628
64284	64649	2096	2097	282	17	483	411	570	1784	249	278	115	68	375	2951	1681	4633
64649	65014	2097	2098	283	17	484	412	571	1785	249	278	115	68	375	2953	1684	4636
65014	65379	2098	2099	284	17	485	412	571	1787	248	279	115	68	375	2954	1686	4640
65379	65745	2099	2100	284	17	485	413	572	1788	248	279	115	68	375	2955	1689	4644
65745	66110	2100	2101	285	17	486	413	572	1789	247	280	115	68	376	2957	1691	4647
66110	66475	2101	2102	286	17	487	413	572	1791	247	280	115	68	376	2958	1693	4651
66475	66840	2102	2103	286	17	487	414	573	1792	246	280	115	68	376	2959	1695	4654
66840	67206	2103	2104	287	17	488	414	573	1793	245	281	115	68	376	2960	1697	4657
67206	67571	2104	2105	287	17	489	414	573	1794	245	281	115	68	376	2962	1699	4660
67571	67936	2105	2106	288	17	489	415	573	1795	244	282	115	68	376	2963	1701	4663
67936	68301	2106	2107	288	17	490	415	574	1797	244	282	114	68	376	2964	1702	4666
68301	68667	2107	2108	289	17	490	415	574	1798	244	282	114	68	376	2965	1704	4669
68667	69032	2108	2109	290	17	491	416	574	1799	243	283	114	68	377	2966	1706	4672
69032	69397	2109	2110	290	17	491	416	574	1799	243	283	114	68	377	2966	1706	4672

B-4(S5). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 5)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	3652	1920	1930	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.7	0.4	0.4	2.4	1.5	3.9
3652	7305	1930	1940	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.3	1.5	3.8
7305	14610	1940	1960	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.3	1.5	3.7
14610	18263	1960	1970	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.7
18263	21915	1970	1980	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.7
21915	24837	1980	1988	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
24837	25202	1988	1989	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
25202	25567	1989	1990	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
25567	25932	1990	1991	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
25932	26298	1991	1992	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
26298	26663	1992	1993	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
26663	27028	1993	1994	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
27028	27393	1994	1995	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
27393	27759	1995	1996	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
27759	28124	1996	1997	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
28124	28489	1997	1998	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
28489	28854	1998	1999	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
28854	29220	1999	2000	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.6	0.4	0.4	2.2	1.4	3.6
29220	29585	2000	2001	0.0	0.0	0.0	0.1	0.4	0.7	0.0	0.7	0.6	0.4	0.4	1.9	1.4	3.3
29585	29950	2001	2002	0.0	0.0	0.1	0.2	0.5	1.9	0.3	0.7	0.6	0.4	0.6	3.5	1.7	5.2
29950	30315	2002	2003	0.1	0.0	0.4	0.3	1.0	2.5	0.9	0.7	0.6	0.4	0.7	5.0	2.6	7.6
30315	30681	2003	2004	0.1	0.1	0.7	0.3	1.4	2.8	1.5	0.8	0.6	0.4	0.8	6.0	3.3	9.3
30681	31046	2004	2005	0.1	0.0	0.5	0.2	1.0	2.5	0.5	0.7	0.6	0.4	0.6	4.5	2.6	7.1
31046	31411	2005	2006	0.1	0.0	0.6	0.2	1.1	2.5	0.6	0.7	0.6	0.4	0.7	4.6	2.8	7.4
31411	31776	2006	2007	0.1	0.0	0.6	0.3	1.1	2.5	0.5	0.7	0.6	0.4	0.7	4.6	2.9	7.4
31776	32142	2007	2008	0.2	0.1	1.0	0.4	1.7	2.8	1.9	0.9	0.6	0.4	0.9	6.7	4.1	10.8
32142	32507	2008	2009	0.5	0.2	1.9	0.7	3.8	3.6	5.8	2.2	0.6	0.4	1.9	12.9	8.7	21.6
32507	32872	2009	2010	0.7	0.3	2.5	0.9	5.2	4.3	8.6	3.2	0.6	0.4	2.6	17.3	12.0	29.4
32872	33237	2010	2011	0.6	0.2	2.0	0.7	3.8	3.7	6.4	2.5	0.6	0.4	2.1	13.8	9.2	23.0
33237	33603	2011	2012	0.5	0.2	1.8	0.7	3.2	3.4	5.3	2.2	0.6	0.4	1.8	12.1	8.0	20.1
33603	33968	2012	2013	0.5	0.2	1.6	0.6	2.8	3.3	4.7	1.9	0.6	0.4	1.7	11.0	7.3	18.3
33968	34333	2013	2014	0.5	0.2	1.5	0.6	2.6	3.2	4.2	1.8	0.5	0.3	1.6	10.3	6.8	17.1
34333	34698	2014	2015	0.5	0.1	1.5	0.6	2.5	3.1	3.8	1.7	0.5	0.3	1.5	9.7	6.5	16.2
34698	35064	2015	2016	0.5	0.1	1.4	0.6	2.4	3.1	3.6	1.6	0.5	0.3	1.4	9.3	6.2	15.6
35064	35429	2016	2017	0.4	0.1	1.4	0.6	2.3	3.0	3.4	1.5	0.5	0.3	1.4	9.0	6.0	15.0
35429	35794	2017	2018	0.4	0.1	1.4	0.6	2.2	3.0	3.2	1.5	0.5	0.3	1.3	8.7	5.9	14.6
35794	36159	2018	2019	0.4	0.1	1.3	0.5	2.2	3.0	3.0	1.4	0.5	0.3	1.3	8.5	5.7	14.2
36159	36525	2019	2020	0.4	0.1	1.3	0.5	2.1	2.9	2.9	1.4	0.6	0.3	1.3	8.3	5.6	13.9
36525	36890	2020	2021	0.4	0.1	1.3	0.5	2.1	2.9	2.8	1.3	0.6	0.3	1.3	8.2	5.5	13.7
36890	37255	2021	2022	0.4	0.1	1.3	0.5	2.1	2.9	2.7	1.3	0.6	0.3	1.2	8.0	5.4	13.4
37255	37620	2022	2023	0.4	0.1	1.3	0.5	2.0	2.9	2.6	1.3	0.6	0.3	1.2	7.9	5.4	13.2
37620	37986	2023	2024	0.4	0.1	1.3	0.5	2.0	2.9	2.5	1.3	0.6	0.3	1.2	7.8	5.3	13.1
37986	38351	2024	2025	0.4	0.1	1.3	0.5	2.2	3.0	2.5	1.2	0.6	0.4	1.4	8.0	5.5	13.5

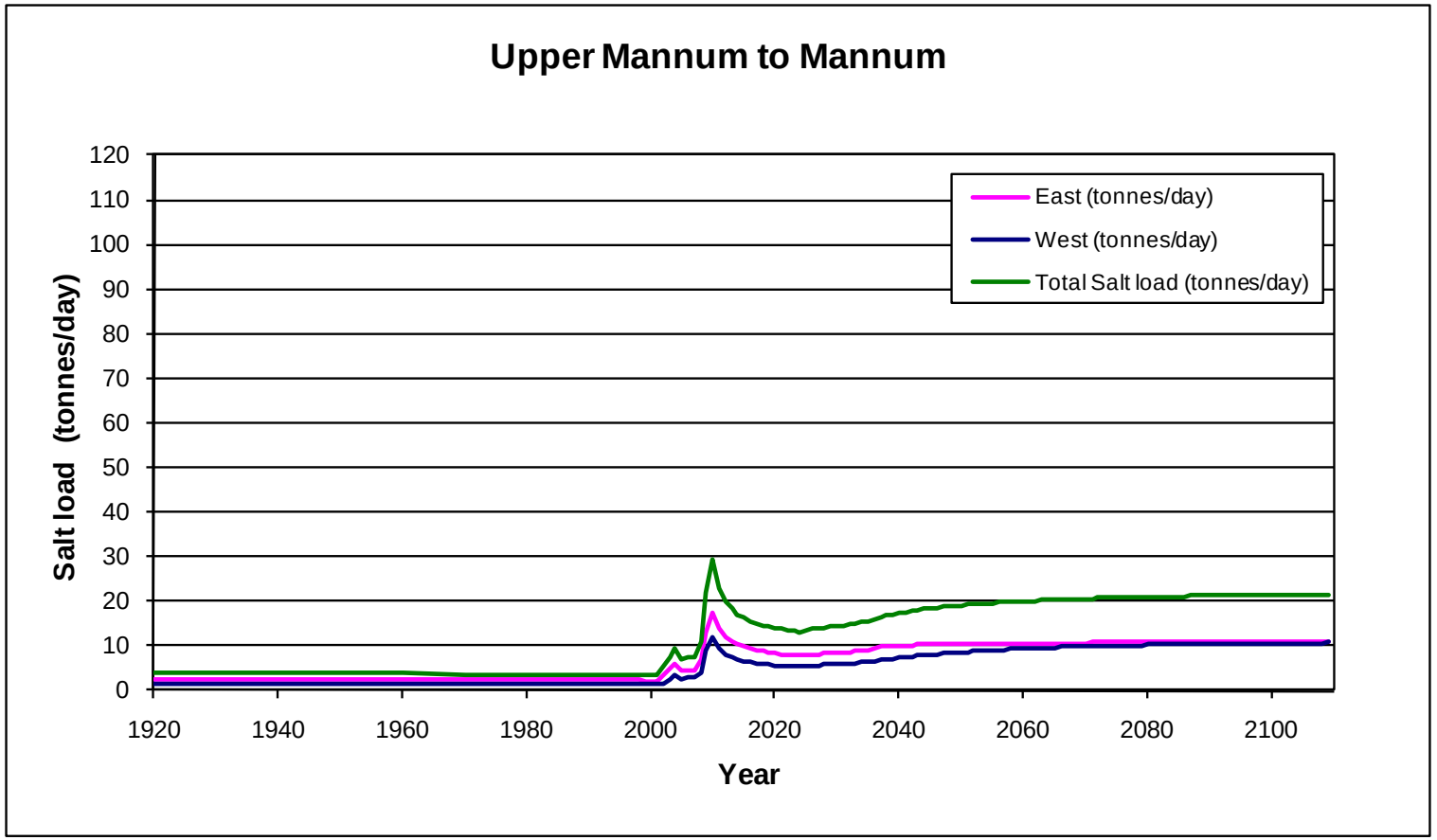
B-4(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 5)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.4	0.1	1.3	0.5	2.3	3.0	2.5	1.2	0.6	0.4	1.4	8.1	5.6	13.6
38716	39081	2026	2027	0.4	0.1	1.4	0.5	2.4	3.1	2.5	1.2	0.6	0.4	1.4	8.1	5.7	13.9
39081	39447	2027	2028	0.4	0.1	1.4	0.6	2.4	3.2	2.4	1.2	0.6	0.4	1.4	8.2	5.8	14.0
39447	39812	2028	2029	0.4	0.1	1.4	0.6	2.5	3.2	2.4	1.2	0.6	0.4	1.4	8.3	5.8	14.2
39812	40177	2029	2030	0.4	0.1	1.5	0.6	2.5	3.3	2.4	1.2	0.6	0.4	1.4	8.4	5.9	14.3
40177	40542	2030	2031	0.4	0.1	1.5	0.6	2.5	3.4	2.4	1.2	0.6	0.4	1.4	8.5	6.0	14.5
40542	40908	2031	2032	0.4	0.1	1.5	0.6	2.5	3.5	2.4	1.2	0.7	0.4	1.4	8.7	6.0	14.7
40908	41273	2032	2033	0.4	0.1	1.6	0.6	2.6	3.7	2.4	1.2	0.7	0.4	1.5	8.9	6.1	15.1
41273	41638	2033	2034	0.4	0.1	1.7	0.6	2.6	3.8	2.4	1.2	0.7	0.4	1.5	9.1	6.2	15.3
41638	42003	2034	2035	0.4	0.1	1.7	0.6	2.7	3.9	2.3	1.2	0.7	0.4	1.6	9.2	6.3	15.5
42003	42369	2035	2036	0.4	0.1	1.8	0.7	2.8	4.0	2.4	1.2	0.7	0.4	1.6	9.5	6.5	16.1
42369	42734	2036	2037	0.4	0.1	1.8	0.7	2.9	4.2	2.4	1.2	0.8	0.4	1.7	9.7	6.8	16.5
42734	43099	2037	2038	0.4	0.1	1.9	0.7	3.0	4.3	2.4	1.2	0.8	0.4	1.7	9.8	7.0	16.8
43099	43464	2038	2039	0.4	0.1	2.0	0.7	3.1	4.4	2.3	1.2	0.8	0.4	1.7	10.0	7.2	17.1
43464	43830	2039	2040	0.5	0.1	2.0	0.7	3.1	4.5	2.3	1.2	0.8	0.4	1.7	10.0	7.3	17.4
43830	44195	2040	2041	0.5	0.1	2.1	0.7	3.2	4.5	2.3	1.3	0.8	0.5	1.7	10.1	7.5	17.6
44195	44560	2041	2042	0.5	0.1	2.2	0.7	3.2	4.6	2.3	1.3	0.8	0.5	1.7	10.2	7.6	17.8
44560	44925	2042	2043	0.5	0.1	2.2	0.7	3.3	4.6	2.3	1.3	0.8	0.5	1.7	10.2	7.8	18.0
44925	45291	2043	2044	0.5	0.1	2.3	0.7	3.3	4.7	2.2	1.3	0.8	0.5	1.7	10.3	7.9	18.2
45291	45656	2044	2045	0.5	0.1	2.3	0.7	3.4	4.7	2.2	1.4	0.8	0.5	1.8	10.3	8.0	18.3
45656	46021	2045	2046	0.5	0.1	2.4	0.7	3.4	4.8	2.2	1.4	0.8	0.5	1.8	10.3	8.2	18.5
46021	46386	2046	2047	0.5	0.1	2.4	0.7	3.4	4.8	2.2	1.4	0.8	0.5	1.8	10.4	8.3	18.6
46386	46752	2047	2048	0.5	0.1	2.5	0.7	3.5	4.8	2.2	1.4	0.8	0.5	1.8	10.4	8.4	18.8
46752	47117	2048	2049	0.5	0.1	2.5	0.7	3.5	4.8	2.2	1.4	0.9	0.5	1.8	10.4	8.5	18.9
47117	47482	2049	2050	0.5	0.1	2.6	0.7	3.5	4.9	2.1	1.5	0.9	0.5	1.8	10.5	8.6	19.0
47482	47847	2050	2051	0.5	0.1	2.6	0.7	3.5	4.9	2.1	1.5	0.9	0.5	1.8	10.5	8.7	19.2
47847	48213	2051	2052	0.5	0.1	2.6	0.7	3.6	4.9	2.1	1.5	0.9	0.5	1.8	10.5	8.8	19.3
48213	48578	2052	2053	0.5	0.1	2.7	0.8	3.6	4.9	2.1	1.5	0.9	0.5	1.8	10.5	8.9	19.4
48578	48943	2053	2054	0.6	0.1	2.7	0.8	3.6	5.0	2.1	1.5	0.9	0.5	1.8	10.5	8.9	19.5
48943	49308	2054	2055	0.6	0.1	2.7	0.8	3.6	5.0	2.1	1.6	0.9	0.5	1.8	10.5	9.0	19.6
49308	49674	2055	2056	0.6	0.1	2.8	0.8	3.7	5.0	2.1	1.6	0.9	0.5	1.8	10.6	9.1	19.6
49674	50039	2056	2057	0.6	0.1	2.8	0.8	3.7	5.0	2.0	1.6	0.9	0.5	1.8	10.6	9.2	19.7
50039	50404	2057	2058	0.6	0.1	2.8	0.8	3.7	5.0	2.0	1.6	0.9	0.5	1.8	10.6	9.2	19.8
50404	50769	2058	2059	0.6	0.1	2.9	0.8	3.7	5.0	2.0	1.6	0.9	0.5	1.8	10.6	9.3	19.9
50769	51135	2059	2060	0.6	0.1	2.9	0.8	3.7	5.1	2.0	1.6	0.9	0.5	1.8	10.6	9.4	20.0
51135	51500	2060	2061	0.6	0.1	2.9	0.8	3.7	5.1	2.0	1.7	0.9	0.5	1.8	10.6	9.4	20.0
51500	51865	2061	2062	0.6	0.1	2.9	0.8	3.7	5.1	2.0	1.7	0.9	0.5	1.8	10.6	9.5	20.1
51865	52230	2062	2063	0.6	0.1	3.0	0.8	3.8	5.1	2.0	1.7	0.9	0.5	1.8	10.6	9.5	20.2
52230	52596	2063	2064	0.6	0.1	3.0	0.8	3.8	5.1	2.0	1.7	0.9	0.5	1.8	10.6	9.6	20.2
52596	52961	2064	2065	0.6	0.1	3.0	0.8	3.8	5.1	2.0	1.7	0.9	0.5	1.8	10.6	9.6	20.3
52961	53326	2065	2066	0.6	0.1	3.0	0.8	3.8	5.1	1.9	1.7	0.9	0.5	1.8	10.6	9.7	20.3
53326	53691	2066	2067	0.6	0.1	3.0	0.8	3.8	5.1	1.9	1.7	0.9	0.5	1.8	10.7	9.7	20.4

B-4(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 5)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z15-Z2	Z16-Z2	Z17-Z2	Z18-Z2	Z19-Z2	Z20-Z2	Z21-Z2	Z22-Z2	Z23-Z2	Z24-Z2	Z38-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	0.6	0.1	3.1	0.8	3.8	5.2	1.9	1.7	0.9	0.5	1.8	10.7	9.8	20.5
54057	54422	2068	2069	0.6	0.1	3.1	0.8	3.8	5.2	1.9	1.8	0.9	0.5	1.8	10.7	9.8	20.5
54422	54787	2069	2070	0.6	0.1	3.1	0.8	3.8	5.2	1.9	1.8	0.9	0.5	1.8	10.7	9.9	20.5
54787	55152	2070	2071	0.6	0.1	3.1	0.8	3.8	5.2	1.9	1.8	0.9	0.5	1.8	10.7	9.9	20.6
55152	55518	2071	2072	0.6	0.1	3.1	0.8	3.9	5.2	1.9	1.8	0.9	0.5	1.8	10.7	10.0	20.6
55518	55883	2072	2073	0.6	0.1	3.2	0.8	3.9	5.2	1.9	1.8	0.9	0.5	1.8	10.7	10.0	20.7
55883	56248	2073	2074	0.6	0.1	3.2	0.8	3.9	5.2	1.9	1.8	0.9	0.5	1.8	10.7	10.0	20.7
56248	56613	2074	2075	0.7	0.1	3.2	0.8	3.9	5.2	1.9	1.8	0.9	0.5	1.9	10.7	10.1	20.8
56613	56979	2075	2076	0.7	0.1	3.2	0.8	3.9	5.2	1.9	1.8	0.9	0.5	1.9	10.7	10.1	20.8
56979	57344	2076	2077	0.7	0.1	3.2	0.8	3.9	5.2	1.9	1.8	0.9	0.5	1.9	10.7	10.1	20.8
57344	57709	2077	2078	0.7	0.1	3.2	0.8	3.9	5.2	1.8	1.8	0.9	0.5	1.9	10.7	10.2	20.9
57709	58074	2078	2079	0.7	0.1	3.2	0.8	3.9	5.2	1.8	1.8	0.9	0.5	1.9	10.7	10.2	20.9
58074	58440	2079	2080	0.7	0.1	3.2	0.8	3.9	5.3	1.8	1.9	0.9	0.5	1.9	10.7	10.2	20.9
58440	58805	2080	2081	0.7	0.1	3.3	0.8	3.9	5.3	1.8	1.9	0.9	0.5	1.9	10.7	10.2	21.0
58805	59170	2081	2082	0.7	0.1	3.3	0.8	3.9	5.3	1.8	1.9	0.9	0.5	1.9	10.7	10.3	21.0
59170	59535	2082	2083	0.7	0.1	3.3	0.8	3.9	5.3	1.8	1.9	0.9	0.5	1.9	10.7	10.3	21.0
59535	59901	2083	2084	0.7	0.1	3.3	0.8	3.9	5.3	1.8	1.9	0.9	0.5	1.9	10.7	10.3	21.1
59901	60266	2084	2085	0.7	0.1	3.3	0.8	3.9	5.3	1.8	1.9	0.9	0.5	1.9	10.7	10.3	21.1
60266	60631	2085	2086	0.7	0.1	3.3	0.8	3.9	5.3	1.8	1.9	0.9	0.5	1.9	10.7	10.4	21.1
60631	60996	2086	2087	0.7	0.1	3.3	0.8	4.0	5.3	1.8	1.9	0.9	0.5	1.9	10.7	10.4	21.1
60996	61362	2087	2088	0.7	0.1	3.3	0.8	4.0	5.3	1.8	1.9	0.9	0.5	1.9	10.7	10.4	21.2
61362	61727	2088	2089	0.7	0.1	3.3	0.8	4.0	5.3	1.8	1.9	0.9	0.5	1.9	10.7	10.4	21.2
61727	62092	2089	2090	0.7	0.1	3.3	0.8	4.0	5.3	1.8	1.9	0.9	0.5	1.9	10.7	10.4	21.2
62092	62457	2090	2091	0.7	0.1	3.3	0.8	4.0	5.3	1.8	1.9	0.9	0.5	1.9	10.8	10.5	21.2
62457	62823	2091	2092	0.7	0.1	3.3	0.8	4.0	5.3	1.8	1.9	0.9	0.5	1.9	10.8	10.5	21.2
62823	63188	2092	2093	0.7	0.1	3.4	0.8	4.0	5.3	1.8	1.9	0.9	0.5	1.9	10.8	10.5	21.3
63188	63553	2093	2094	0.7	0.1	3.4	0.8	4.0	5.3	1.8	1.9	0.9	0.5	1.9	10.8	10.5	21.3
63553	63918	2094	2095	0.7	0.1	3.4	0.8	4.0	5.3	1.8	1.9	0.9	0.5	1.9	10.8	10.5	21.3
63918	64284	2095	2096	0.7	0.1	3.4	0.8	4.0	5.3	1.8	1.9	0.9	0.5	1.9	10.8	10.6	21.3
64284	64649	2096	2097	0.7	0.1	3.4	0.8	4.0	5.4	1.7	1.9	0.9	0.5	1.9	10.8	10.6	21.3
64649	65014	2097	2098	0.7	0.1	3.4	0.8	4.0	5.4	1.7	1.9	0.9	0.5	1.9	10.8	10.6	21.3
65014	65379	2098	2099	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.6	21.4
65379	65745	2099	2100	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.6	21.4
65745	66110	2100	2101	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.6	21.4
66110	66475	2101	2102	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.6	21.4
66475	66840	2102	2103	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.6	21.4
66840	67206	2103	2104	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.7	21.4
67206	67571	2104	2105	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.7	21.4
67571	67936	2105	2106	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.7	21.5
67936	68301	2106	2107	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.7	21.5
68301	68667	2107	2108	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.7	21.5
68667	69032	2108	2109	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.7	21.5
69032	69397	2109	2110	0.7	0.1	3.4	0.8	4.0	5.4	1.7	2.0	0.9	0.5	1.9	10.8	10.7	21.5
	Salinity (mg/L)			2,500	3,000	7,000	2,000	7,000	3,000	7,000	7,000	8,000	8,000	5,000			

B-4(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 5)



B-4(S5). Graph of modelled salt load (tonnes/day) entering the River Murray in the Upper Mannum to Mannum area (Scenario 5)

B-5. MODEL OUTPUT – MANNUM TO MURRAY BRIDGE

- Model scenario conditions
- Flow budget zones
- Transient groundwater flux and salt load
- Modelled groundwater flux (m^3/d)
- Modelled salt load (t/d)

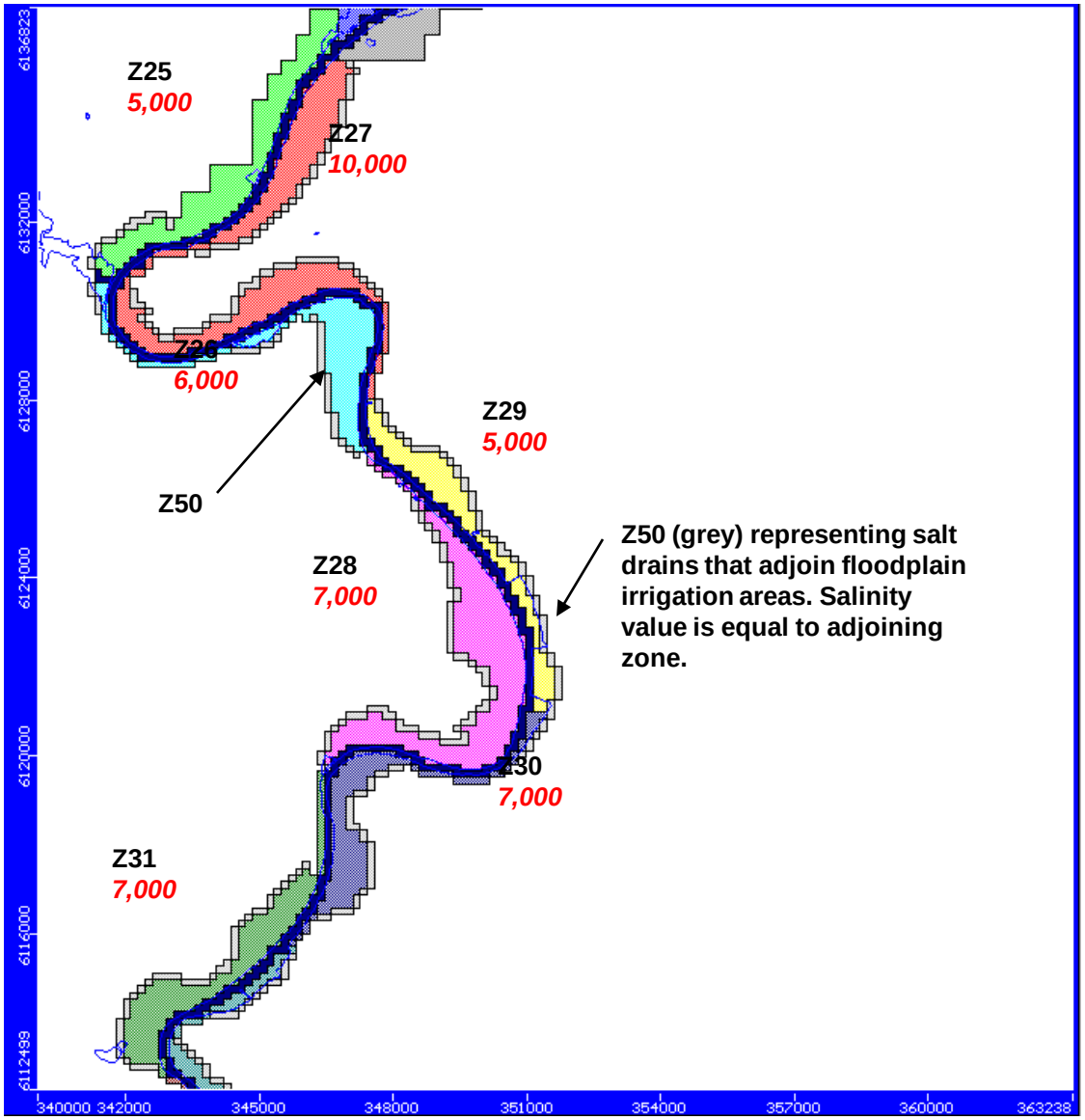
(Transient from 1920 to 2009)

(Scenario-2, 3A, 3B, 3C, 4 and 5)

Scenario	Name	Model Run	Irrigation development area	IIP[1]	RH[2]	SIS[3]
S-1	Natural system	Steady State	None	-	-	-
S-2	Mallee clearance	1920-2109	None (but includes Mallee clearance area)	-	-	-
S-3A	Pre-1988, no IIP, no RH	1988-2109	Pre-1988	No	No	-
S-3B	Pre-1988, with IIP, no RH	1988-2109	Pre-1988	Yes	No	-
S-3C	Pre-1988, with IIP and RH	1988-2109	Pre-1988	Yes	Yes	-
S-4	Current irrigation	2009-2109	Pre-1988 + Post-1988	Yes	Yes	No
S-5	Current plus future irrigation	2009-2109	Pre-1988 + Post-1988 + Future development	Yes	Yes	No

Note: 1 Improved Irrigation practices, 2 Rehabilitation, 3 Salt Interception Scheme (see Glossary for definitions)

B-5. Model Scenario and Conditions



B-5. Flow budget zones (model layer 1) and groundwater salinity values (TDS mg/L) in the Mannum to Murray Bridge area

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	*1920*	*1930*	5	18	2	0	0	0	0	*2*	*24*	**25**
3652	*7305*	*1930*	*1940*	6	18	2	78	0	0	0	*2*	*102*	**104**
7305	*14610*	*1940*	*1960*	7	19	2	134	0	0	0	*2*	*160*	**161**
14610	*18263*	*1960*	*1970*	10	23	2	145	0	0	0	*2*	*178*	**179**
18263	*21915*	*1970*	*1980*	13	32	2	150	0	0	0	*2*	*195*	**197**
21915	*24837*	*1980*	*1988*	14	38	2	153	0	0	0	*2*	*205*	**207**
24837	*25202*	*1988*	*1989*	14	38	2	153	0	0	0	*2*	*206*	**208**
25202	*25567*	*1989*	*1990*	14	39	2	154	0	0	0	*2*	*207*	**208**
25567	*25932*	*1990*	*1991*	14	39	2	154	0	0	0	*2*	*207*	**209**
25932	*26298*	*1991*	*1992*	14	39	2	154	0	0	0	*2*	*208*	**209**
26298	*26663*	*1992*	*1993*	15	40	2	154	0	0	0	*2*	*208*	**210**
26663	*27028*	*1993*	*1994*	15	40	2	154	0	0	0	*2*	*208*	**210**
27028	*27393*	*1994*	*1995*	15	40	2	154	0	0	0	*2*	*209*	**211**
27393	*27759*	*1995*	*1996*	15	41	2	195	0	0	0	*2*	*250*	**252**
27759	*28124*	*1996*	*1997*	15	41	2	224	0	0	0	*2*	*280*	**282**
28124	*28489*	*1997*	*1998*	15	42	2	245	0	0	0	*2*	*301*	**303**
28489	*28854*	*1998*	*1999*	15	42	2	256	0	0	0	*2*	*314*	**315**
28854	*29220*	*1999*	*2000*	15	42	2	249	0	0	0	*2*	*307*	**309**
29220	*29585*	*2000*	*2001*	9	26	2	233	0	0	0	*2*	*268*	**269**
29585	*29950*	*2001*	*2002*	10	93	3	242	0	0	4	*3*	*349*	**353**
29950	*30315*	*2002*	*2003*	17	123	5	252	0	0	10	*5*	*402*	**407**
30315	*30681*	*2003*	*2004*	23	141	6	251	0	0	14	*6*	*428*	**434**
30681	*31046*	*2004*	*2005*	14	115	6	230	0	0	4	*6*	*364*	**370**
31046	*31411*	*2005*	*2006*	14	116	6	229	0	0	4	*6*	*363*	**369**
31411	*31776*	*2006*	*2007*	14	114	6	225	0	0	3	*6*	*356*	**362**
31776	*32142*	*2007*	*2008*	28	149	6	244	0	1	14	*7*	*435*	**442**
32142	*32507*	*2008*	*2009*	74	251	64	291	0	150	63	*215*	*680*	**894**
32507	*32872*	*2009*	*2010*	113	332	144	321	0	312	112	*456*	*879*	**1334**

B-5 (Transient from 1920 to 2009). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	31	253	400	298	705	646	479	*1751*	*1061*	2812
3652	*7305*	1930	1940	18	215	296	1068	601	528	427	*1425*	*1728*	3153
7305	*14610*	1940	1960	19	237	303	2670	601	529	435	*1433*	*3361*	4793
14610	*18263*	1960	1970	36	603	699	2693	987	530	437	*2216*	*3769*	5985
18263	*21915*	1970	1980	44	650	718	2705	1000	530	439	*2248*	*3838*	6086
21915	*24837*	1980	1988	46	664	723	2711	1004	531	441	*2257*	*3862*	6119
24837	*25202*	1988	1989	47	665	723	2712	1004	531	441	*2257*	*3864*	6121
25202	*25567*	1989	1990	47	666	723	2712	1004	531	441	*2258*	*3865*	6123
25567	*25932*	1990	1991	47	666	723	2712	1004	531	441	*2258*	*3866*	6125
25932	*26298*	1991	1992	47	667	723	2713	1004	531	441	*2258*	*3868*	6126
26298	*26663*	1992	1993	47	668	724	2713	1004	531	441	*2259*	*3868*	6127
26663	*27028*	1993	1994	47	668	724	2713	1004	531	441	*2259*	*3869*	6128
27028	*27393*	1994	1995	47	668	724	2713	1004	531	441	*2259*	*3870*	6129
27393	*27759*	1995	1996	47	670	724	2740	1005	531	441	*2260*	*3898*	6157
27759	*28124*	1996	1997	47	672	724	2764	1005	531	441	*2260*	*3925*	6185
28124	*28489*	1997	1998	47	674	725	2782	1005	531	442	*2261*	*3945*	6206
28489	*28854*	1998	1999	49	671	723	2704	989	555	457	*2268*	*3880*	6148
28854	*29220*	1999	2000	51	652	695	2499	958	576	469	*2229*	*3670*	5898
29220	*29585*	2000	2001	49	598	547	2273	828	512	421	*1887*	*3340*	5227
29585	*29950*	2001	2002	49	600	570	2159	873	568	469	*2010*	*3278*	5288
29950	*30315*	2002	2003	52	635	681	2080	988	657	541	*2326*	*3307*	5633
30315	*30681*	2003	2004	55	656	740	1982	1063	716	587	*2519*	*3280*	5799
30681	*31046*	2004	2005	53	607	553	1847	906	635	523	*2095*	*3030*	5125
31046	*31411*	2005	2006	54	603	562	1794	908	650	531	*2120*	*2983*	5103
31411	*31776*	2006	2007	55	595	557	1714	899	656	533	*2112*	*2898*	5010
31776	*32142*	2007	2008	61	648	776	1797	1102	788	631	*2667*	*3137*	5804
32142	*32507*	2008	2009	82	809	1410	2018	1748	1180	906	*4338*	*3814*	8152
32507	*32872*	2009	2010	102	917	1769	2123	2253	1494	1107	*5516*	*4249*	9766

B-5 (Transient from 1920 to 2009). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3652*	1920	1930	0.0	0.1	0.0	0.0	0.0	0.0	0.0	***0.0***	***0.1***	0.2
3652	*7305*	1930	1940	0.0	0.1	0.0	0.5	0.0	0.0	0.0	***0.0***	***0.7***	0.7
7305	*14610*	1940	1960	0.0	0.1	0.0	0.9	0.0	0.0	0.0	***0.0***	***1.1***	1.1
14610	*18263*	1960	1970	0.0	0.1	0.0	1.0	0.0	0.0	0.0	***0.0***	***1.2***	1.2
18263	*21915*	1970	1980	0.1	0.2	0.0	1.1	0.0	0.0	0.0	***0.0***	***1.3***	1.3
21915	*24837*	1980	1988	0.1	0.2	0.0	1.1	0.0	0.0	0.0	***0.0***	***1.4***	1.4
24837	*25202*	1988	1989	0.1	0.2	0.0	1.1	0.0	0.0	0.0	***0.0***	***1.4***	1.4
25202	*25567*	1989	1990	0.1	0.2	0.0	1.1	0.0	0.0	0.0	***0.0***	***1.4***	1.4
25567	*25932*	1990	1991	0.1	0.2	0.0	1.1	0.0	0.0	0.0	***0.0***	***1.4***	1.4
25932	*26298*	1991	1992	0.1	0.2	0.0	1.1	0.0	0.0	0.0	***0.0***	***1.4***	1.4
26298	*26663*	1992	1993	0.1	0.2	0.0	1.1	0.0	0.0	0.0	***0.0***	***1.4***	1.4
26663	*27028*	1993	1994	0.1	0.2	0.0	1.1	0.0	0.0	0.0	***0.0***	***1.4***	1.4
27028	*27393*	1994	1995	0.1	0.2	0.0	1.1	0.0	0.0	0.0	***0.0***	***1.4***	1.4
27393	*27759*	1995	1996	0.1	0.2	0.0	1.4	0.0	0.0	0.0	***0.0***	***1.7***	1.7
27759	*28124*	1996	1997	0.1	0.2	0.0	1.6	0.0	0.0	0.0	***0.0***	***1.9***	1.9
28124	*28489*	1997	1998	0.1	0.2	0.0	1.7	0.0	0.0	0.0	***0.0***	***2.0***	2.1
28489	*28854*	1998	1999	0.1	0.3	0.0	1.8	0.0	0.0	0.0	***0.0***	***2.1***	2.1
28854	*29220*	1999	2000	0.1	0.3	0.0	1.7	0.0	0.0	0.0	***0.0***	***2.1***	2.1
29220	*29585*	2000	2001	0.0	0.2	0.0	1.6	0.0	0.0	0.0	***0.0***	***1.8***	1.8
29585	*29950*	2001	2002	0.0	0.6	0.0	1.7	0.0	0.0	0.0	***0.0***	***2.3***	2.4
29950	*30315*	2002	2003	0.1	0.7	0.1	1.8	0.0	0.0	0.1	***0.1***	***2.7***	2.7
30315	*30681*	2003	2004	0.1	0.8	0.1	1.8	0.0	0.0	0.1	***0.1***	***2.8***	2.9
30681	*31046*	2004	2005	0.1	0.7	0.1	1.6	0.0	0.0	0.0	***0.1***	***2.4***	2.5
31046	*31411*	2005	2006	0.1	0.7	0.1	1.6	0.0	0.0	0.0	***0.1***	***2.4***	2.5
31411	*31776*	2006	2007	0.1	0.7	0.1	1.6	0.0	0.0	0.0	***0.1***	***2.3***	2.4
31776	*32142*	2007	2008	0.1	0.9	0.1	1.7	0.0	0.0	0.1	***0.1***	***2.8***	2.9
32142	*32507*	2008	2009	0.4	1.5	0.6	2.0	0.0	1.1	0.4	***1.7***	***4.4***	6.1
32507	*32872*	2009	2010	0.6	2.0	1.4	2.2	0.0	2.2	0.8	***3.6***	***5.6***	9.2

B-5 (Transient from 1920 to 2009). Modelled groundwater salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3652*	1920	1930	0.2	1.5	4.0	2.1	3.5	4.5	3.4	***12.0***	***7.1***	19.2
3652	*7305*	1930	1940	0.1	1.3	3.0	7.5	3.0	3.7	3.0	***9.7***	***11.8***	21.5
7305	*14610*	1940	1960	0.1	1.4	3.0	18.7	3.0	3.7	3.0	***9.7***	***23.2***	33.0
14610	*18263*	1960	1970	0.2	3.6	7.0	18.9	4.9	3.7	3.1	***15.6***	***25.7***	41.3
18263	*21915*	1970	1980	0.2	3.9	7.2	18.9	5.0	3.7	3.1	***15.9***	***26.1***	42.0
21915	*24837*	1980	1988	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.2
24837	*25202*	1988	1989	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.3
25202	*25567*	1989	1990	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.3
25567	*25932*	1990	1991	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.3
25932	*26298*	1991	1992	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.3
26298	*26663*	1992	1993	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.3
26663	*27028*	1993	1994	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.3
27028	*27393*	1994	1995	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.3
27393	*27759*	1995	1996	0.2	4.0	7.2	19.2	5.0	3.7	3.1	***16.0***	***26.5***	42.5
27759	*28124*	1996	1997	0.2	4.0	7.2	19.3	5.0	3.7	3.1	***16.0***	***26.7***	42.7
28124	*28489*	1997	1998	0.2	4.0	7.2	19.5	5.0	3.7	3.1	***16.0***	***26.8***	42.8
28489	*28854*	1998	1999	0.2	4.0	7.2	18.9	4.9	3.9	3.2	***16.1***	***26.4***	42.5
28854	*29220*	1999	2000	0.3	3.9	6.9	17.5	4.8	4.0	3.3	***15.8***	***24.9***	40.7
29220	*29585*	2000	2001	0.2	3.6	5.5	15.9	4.1	3.6	2.9	***13.2***	***22.7***	35.9
29585	*29950*	2001	2002	0.2	3.6	5.7	15.1	4.4	4.0	3.3	***14.0***	***22.2***	36.3
29950	*30315*	2002	2003	0.3	3.8	6.8	14.6	4.9	4.6	3.8	***16.4***	***22.4***	38.8
30315	*30681*	2003	2004	0.3	3.9	7.4	13.9	5.3	5.0	4.1	***17.7***	***22.2***	39.9
30681	*31046*	2004	2005	0.3	3.6	5.5	12.9	4.5	4.4	3.7	***14.5***	***20.5***	35.0
31046	*31411*	2005	2006	0.3	3.6	5.6	12.6	4.5	4.5	3.7	***14.7***	***20.2***	34.9
31411	*31776*	2006	2007	0.3	3.6	5.6	12.0	4.5	4.6	3.7	***14.7***	***19.6***	34.2
31776	*32142*	2007	2008	0.3	3.9	7.8	12.6	5.5	5.5	4.4	***18.8***	***21.2***	40.0
32142	*32507*	2008	2009	0.4	4.9	14.1	14.1	8.7	8.3	6.3	***31.1***	***25.7***	56.8
32507	*32872*	2009	2010	0.5	5.5	17.7	14.9	11.3	10.5	7.8	***39.4***	***28.6***	68.0

B-5 (Transient from 1920 to 2009). Modelled groundwater salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	31	253	400	298	705	646	479	*1751*	*1061*	2812
3652	*7305*	1930	1940	18	215	296	1068	601	528	427	*1425*	*1728*	3153
7305	*14610*	1940	1960	19	237	303	2670	601	529	435	*1433*	*3361*	4793
14610	*18263*	1960	1970	36	603	699	2693	987	530	437	*2216*	*3769*	5985
18263	*21915*	1970	1980	44	650	718	2705	1000	530	439	*2248*	*3838*	6086
21915	*24837*	1980	1988	46	664	723	2711	1004	531	441	*2257*	*3862*	6119
24837	*25202*	1988	1989	47	665	723	2712	1004	531	441	*2257*	*3864*	6121
25202	*25567*	1989	1990	47	666	723	2712	1004	531	441	*2258*	*3865*	6123
25567	*25932*	1990	1991	47	666	723	2712	1004	531	441	*2258*	*3866*	6125
25932	*26298*	1991	1992	47	667	723	2713	1004	531	441	*2258*	*3868*	6126
26298	*26663*	1992	1993	47	668	724	2713	1004	531	441	*2259*	*3868*	6127
26663	*27028*	1993	1994	47	668	724	2713	1004	531	441	*2259*	*3869*	6128
27028	*27393*	1994	1995	47	668	724	2713	1004	531	441	*2259*	*3870*	6129
27393	*27759*	1995	1996	47	670	724	2740	1005	531	441	*2260*	*3898*	6157
27759	*28124*	1996	1997	47	672	724	2764	1005	531	441	*2260*	*3925*	6185
28124	*28489*	1997	1998	47	674	725	2782	1005	531	442	*2261*	*3945*	6206
28489	*28854*	1998	1999	49	671	723	2704	989	555	457	*2268*	*3880*	6148
28854	*29220*	1999	2000	51	652	695	2499	958	576	469	*2229*	*3670*	5898
29220	*29585*	2000	2001	49	598	547	2273	828	512	421	*1887*	*3340*	5227
29585	*29950*	2001	2002	49	600	570	2159	873	568	469	*2010*	*3278*	5288
29950	*30315*	2002	2003	52	635	681	2080	988	657	541	*2326*	*3307*	5633
30315	*30681*	2003	2004	55	656	740	1982	1063	716	587	*2519*	*3280*	5799
30681	*31046*	2004	2005	53	607	553	1847	906	635	523	*2095*	*3030*	5125
31046	*31411*	2005	2006	54	603	562	1794	908	650	531	*2120*	*2983*	5103
31411	*31776*	2006	2007	55	595	557	1714	899	656	533	*2112*	*2898*	5010
31776	*32142*	2007	2008	61	648	776	1797	1102	788	631	*2667*	*3137*	5804
32142	*32507*	2008	2009	82	809	1410	2018	1748	1180	906	*4338*	*3814*	8152
32507	*32872*	2009	2010	102	917	1769	2123	2253	1494	1107	*5516*	*4249*	9766
32872	*33237*	2010	2011	97	814	1261	1921	1887	1250	968	*4398*	*3799*	8197
33237	*33603*	2011	2012	94	760	1031	1812	1711	1143	900	*3884*	*3565*	7450
33603	*33968*	2012	2013	92	723	912	1739	1600	1078	857	*3590*	*3411*	7001
33968	*34333*	2013	2014	90	697	843	1682	1522	1035	827	*3400*	*3296*	6696
34333	*34698*	2014	2015	89	676	799	1635	1463	1002	804	*3264*	*3205*	6470
34698	*35064*	2015	2016	89	660	768	1595	1417	977	786	*3162*	*3130*	6292
35064	*35429*	2016	2017	88	647	746	1560	1379	957	771	*3082*	*3066*	6148
35429	*35794*	2017	2018	88	635	728	1528	1348	940	759	*3016*	*3010*	6026
35794	*36159*	2018	2019	87	626	714	1483	1321	926	749	*2961*	*2945*	5905
36159	*36525*	2019	2020	87	617	702	1467	1297	913	740	*2913*	*2911*	5823
36525	*36890*	2020	2021	86	610	692	1455	1277	903	732	*2872*	*2884*	5756
36890	*37255*	2021	2022	86	604	684	1446	1258	893	725	*2835*	*2861*	5697
37255	*37620*	2022	2023	86	598	676	1439	1242	885	719	*2803*	*2842*	5645
37620	*37986*	2023	2024	86	593	670	1432	1228	878	714	*2776*	*2826*	5602
37986	*38351*	2024	2025	86	596	683	1427	1217	875	719	*2775*	*2827*	5602

B-5(S2). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 2) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	86	598	685	1422	1206	874	720	2764	2826	5590
38716	39081	2026	2027	85	599	686	1425	1195	895	724	2776	2833	5609
39081	39447	2027	2028	85	601	685	1423	1185	907	724	2777	2833	5610
39447	39812	2028	2029	85	606	686	1427	1177	926	725	2789	2842	5632
39812	40177	2029	2030	85	612	685	1435	1170	932	724	2786	2856	5642
40177	40542	2030	2031	85	620	692	1448	1162	934	740	2788	2893	5680
40542	40908	2031	2032	85	627	694	1456	1155	936	744	2785	2912	5697
40908	41273	2032	2033	85	639	695	1466	1157	960	747	2812	2938	5750
41273	41638	2033	2034	85	650	695	1474	1156	964	749	2815	2959	5774
41638	42003	2034	2035	85	659	695	1479	1152	966	750	2813	2974	5786
42003	42369	2035	2036	86	671	731	1505	1156	969	756	2856	3018	5873
42369	42734	2036	2037	86	684	748	1516	1160	976	762	2884	3048	5932
42734	43099	2037	2038	86	695	756	1523	1161	983	766	2900	3070	5970
43099	43464	2038	2039	87	704	760	1528	1162	988	769	2910	3087	5997
43464	43830	2039	2040	87	712	762	1532	1162	992	771	2916	3101	6017
43830	44195	2040	2041	87	719	763	1535	1161	996	772	2919	3113	6032
44195	44560	2041	2042	87	726	763	1537	1160	999	773	2922	3123	6044
44560	44925	2042	2043	87	731	763	1539	1159	1001	774	2923	3131	6054
44925	45291	2043	2044	87	737	763	1540	1157	1003	775	2923	3139	6062
45291	45656	2044	2045	87	741	763	1541	1156	1004	776	2922	3145	6068
45656	46021	2045	2046	87	746	763	1543	1154	1005	776	2922	3151	6073
46021	46386	2046	2047	87	749	762	1543	1152	1006	777	2921	3156	6077
46386	46752	2047	2048	87	753	762	1544	1151	1007	777	2920	3161	6081
46752	47117	2048	2049	87	756	762	1545	1149	1007	777	2918	3166	6084
47117	47482	2049	2050	87	759	761	1546	1147	1008	777	2916	3169	6086
47482	47847	2050	2051	87	762	761	1546	1146	1008	778	2915	3173	6088
47847	48213	2051	2052	87	764	761	1547	1144	1009	778	2913	3176	6089
48213	48578	2052	2053	88	766	760	1547	1142	1009	778	2911	3179	6090
48578	48943	2053	2054	88	768	760	1548	1141	1009	778	2909	3182	6091
48943	49308	2054	2055	88	770	760	1548	1139	1009	778	2907	3185	6092
49308	49674	2055	2056	88	772	759	1556	1137	1009	778	2906	3195	6100
49674	50039	2056	2057	88	774	759	1566	1136	1009	779	2904	3206	6109
50039	50404	2057	2058	88	775	759	1571	1134	1009	779	2902	3212	6114
50404	50769	2058	2059	88	777	759	1574	1133	1009	779	2900	3217	6117
50769	51135	2059	2060	88	778	758	1576	1131	1008	779	2898	3220	6118
51135	51500	2060	2061	88	779	758	1577	1130	1008	779	2896	3223	6119
51500	51865	2061	2062	88	781	758	1578	1128	1008	779	2894	3225	6120
51865	52230	2062	2063	88	782	757	1579	1127	1008	779	2892	3227	6120
52230	52596	2063	2064	88	783	757	1579	1126	1008	779	2890	3229	6120
52596	52961	2064	2065	88	784	757	1580	1124	1008	779	2889	3231	6120
52961	53326	2065	2066	88	785	757	1581	1123	1007	779	2887	3233	6119
53326	53691	2066	2067	88	785	756	1581	1122	1007	779	2885	3234	6119

B-5(S2). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 2) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	88	786	756	1582	1120	1007	779	2883	3235	6119
54057	54422	2068	2069	88	787	756	1582	1119	1007	779	2882	3237	6118
54422	54787	2069	2070	89	788	756	1582	1118	1006	779	2880	3238	6118
54787	55152	2070	2071	89	789	755	1583	1117	1006	779	2878	3239	6117
55152	55518	2071	2072	89	789	755	1583	1116	1006	779	2877	3240	6117
55518	55883	2072	2073	89	790	755	1584	1114	1006	779	2875	3241	6116
55883	56248	2073	2074	89	791	755	1584	1113	1005	779	2873	3242	6116
56248	56613	2074	2075	89	791	755	1584	1112	1005	779	2872	3243	6115
56613	56979	2075	2076	89	792	754	1585	1111	1005	779	2870	3244	6114
56979	57344	2076	2077	89	792	754	1585	1110	1004	779	2868	3245	6114
57344	57709	2077	2078	89	793	754	1585	1109	1004	779	2867	3246	6113
57709	58074	2078	2079	89	793	754	1585	1108	1004	779	2865	3247	6112
58074	58440	2079	2080	89	794	753	1586	1107	1004	779	2864	3248	6112
58440	58805	2080	2081	89	794	753	1586	1106	1003	779	2863	3249	6111
58805	59170	2081	2082	89	795	753	1586	1105	1003	779	2861	3249	6110
59170	59535	2082	2083	89	795	753	1586	1104	1003	779	2860	3250	6110
59535	59901	2083	2084	89	795	753	1587	1103	1003	780	2858	3251	6109
59901	60266	2084	2085	89	796	752	1587	1102	1002	780	2857	3251	6108
60266	60631	2085	2086	89	796	752	1587	1101	1002	780	2856	3252	6108
60631	60996	2086	2087	89	797	752	1587	1100	1002	780	2854	3253	6107
60996	61362	2087	2088	89	797	752	1588	1100	1002	780	2853	3253	6106
61362	61727	2088	2089	89	797	752	1588	1099	1001	780	2852	3254	6106
61727	62092	2089	2090	89	797	752	1588	1098	1001	780	2850	3254	6105
62092	62457	2090	2091	89	798	751	1588	1097	1001	780	2849	3255	6104
62457	62823	2091	2092	89	798	751	1588	1096	1001	780	2848	3255	6103
62823	63188	2092	2093	90	798	751	1588	1095	1000	780	2847	3256	6103
63188	63553	2093	2094	90	799	751	1589	1095	1000	780	2845	3257	6102
63553	63918	2094	2095	90	799	751	1589	1094	1000	780	2844	3257	6101
63918	64284	2095	2096	90	799	751	1589	1093	999	780	2843	3257	6101
64284	64649	2096	2097	90	799	750	1589	1092	999	780	2842	3258	6100
64649	65014	2097	2098	90	800	750	1589	1092	999	780	2841	3258	6099
65014	65379	2098	2099	90	800	750	1589	1091	999	780	2840	3259	6099
65379	65745	2099	2100	90	800	750	1590	1090	999	780	2839	3259	6098
65745	66110	2100	2101	90	800	750	1590	1090	998	780	2838	3260	6097
66110	66475	2101	2102	90	800	750	1590	1089	998	780	2837	3260	6097
66475	66840	2102	2103	90	801	750	1590	1088	998	780	2836	3260	6096
66840	67206	2103	2104	90	801	749	1590	1088	998	780	2835	3261	6096
67206	67571	2104	2105	90	801	749	1590	1087	997	780	2834	3261	6095
67571	67936	2105	2106	90	801	749	1590	1087	997	780	2833	3261	6094
67936	68301	2106	2107	90	801	749	1590	1086	997	780	2832	3262	6094
68301	68667	2107	2108	90	801	749	1591	1086	997	780	2831	3262	6093
68667	69032	2108	2109	90	802	749	1591	1085	997	780	2830	3262	6093
69032	69397	2109	2110	90	802	749	1591	1085	997	780	2830	3262	6093

B-5(S2). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 2) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	3652	1920	1930	5	18	2	0	0	0	0	2	24	25
3652	7305	1930	1940	6	18	2	78	0	0	0	2	102	104
7305	14610	1940	1960	7	19	2	134	0	0	0	2	160	161
14610	18263	1960	1970	10	23	2	145	0	0	0	2	178	179
18263	21915	1970	1980	13	32	2	150	0	0	0	2	195	197
21915	24837	1980	1988	14	38	2	153	0	0	0	2	205	207
24837	25202	1988	1989	14	38	2	153	0	0	0	2	206	208
25202	25567	1989	1990	14	39	2	154	0	0	0	2	207	208
25567	25932	1990	1991	14	39	2	154	0	0	0	2	207	209
25932	26298	1991	1992	14	39	2	154	0	0	0	2	208	209
26298	26663	1992	1993	15	40	2	154	0	0	0	2	208	210
26663	27028	1993	1994	15	40	2	154	0	0	0	2	208	210
27028	27393	1994	1995	15	40	2	154	0	0	0	2	209	211
27393	27759	1995	1996	15	41	2	195	0	0	0	2	250	252
27759	28124	1996	1997	15	41	2	224	0	0	0	2	280	282
28124	28489	1997	1998	15	42	2	245	0	0	0	2	301	303
28489	28854	1998	1999	15	42	2	256	0	0	0	2	314	315
28854	29220	1999	2000	15	42	2	249	0	0	0	2	307	309
29220	29585	2000	2001	9	26	2	233	0	0	0	2	268	269
29585	29950	2001	2002	10	93	3	242	0	0	4	3	349	353
29950	30315	2002	2003	17	123	5	252	0	0	10	5	402	407
30315	30681	2003	2004	23	141	6	251	0	0	14	6	428	434
30681	31046	2004	2005	14	115	6	230	0	0	4	6	364	370
31046	31411	2005	2006	14	116	6	229	0	0	4	6	363	369
31411	31776	2006	2007	14	114	6	225	0	0	3	6	356	362
31776	32142	2007	2008	28	149	6	244	0	1	14	7	435	442
32142	32507	2008	2009	74	251	64	291	0	150	63	215	680	894
32507	32872	2009	2010	113	332	144	321	0	312	112	456	879	1334
32872	33237	2010	2011	87	282	93	279	0	199	76	292	724	1017
33237	33603	2011	2012	74	258	66	257	0	149	62	215	651	866
33603	33968	2012	2013	66	243	48	242	0	119	53	168	604	772
33968	34333	2013	2014	61	233	36	230	0	99	47	136	570	706
34333	34698	2014	2015	57	224	28	220	0	85	42	113	544	657
34698	35064	2015	2016	54	218	21	212	0	75	38	96	522	618
35064	35429	2016	2017	52	212	17	204	0	66	36	83	503	586
35429	35794	2017	2018	50	207	13	197	0	58	33	72	487	559
35794	36159	2018	2019	49	203	10	188	0	52	31	63	471	534
36159	36525	2019	2020	47	199	8	183	0	47	29	55	459	515
36525	36890	2020	2021	46	196	7	179	0	42	28	49	450	499
36890	37255	2021	2022	45	193	6	176	0	39	27	45	441	486
37255	37620	2022	2023	45	190	6	173	0	35	26	41	434	475
37620	37986	2023	2024	44	188	6	171	0	33	25	38	428	466
37986	38351	2024	2025	43	201	8	173	0	39	24	47	442	489

B-5(S2). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 2) (floodplain to River)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	43	207	8	175	0	42	23	49	448	498
38716	39081	2026	2027	43	212	8	193	0	50	22	57	471	528
39081	39447	2027	2028	42	215	7	197	0	56	22	63	476	539
39447	39812	2028	2029	42	216	7	199	0	62	29	69	486	556
39812	40177	2029	2030	42	217	7	200	0	66	32	73	491	564
40177	40542	2030	2031	42	217	7	204	0	73	35	80	498	578
40542	40908	2031	2032	42	217	7	205	0	76	37	83	501	584
40908	41273	2032	2033	42	221	7	208	0	81	43	88	514	602
41273	41638	2033	2034	42	226	7	210	0	85	47	92	526	618
41638	42003	2034	2035	42	231	8	211	0	87	50	94	534	628
42003	42369	2035	2036	42	244	8	212	0	115	56	123	555	678
42369	42734	2036	2037	42	261	8	213	0	128	64	136	580	716
42734	43099	2037	2038	42	274	8	214	0	136	70	144	600	744
43099	43464	2038	2039	42	284	9	215	0	141	73	150	615	765
43464	43830	2039	2040	42	293	9	216	0	146	76	154	627	782
43830	44195	2040	2041	42	300	9	217	0	149	78	158	637	795
44195	44560	2041	2042	42	306	9	218	0	152	79	160	645	805
44560	44925	2042	2043	42	310	9	218	0	154	80	162	652	814
44925	45291	2043	2044	42	314	9	219	0	155	81	164	657	821
45291	45656	2044	2045	43	318	9	220	0	156	82	165	662	827
45656	46021	2045	2046	43	321	8	220	0	157	83	166	667	833
46021	46386	2046	2047	43	324	8	221	0	158	83	167	671	837
46386	46752	2047	2048	43	327	8	221	0	159	84	167	674	841
46752	47117	2048	2049	43	329	8	221	0	159	84	168	677	845
47117	47482	2049	2050	43	331	8	222	0	160	84	168	680	848
47482	47847	2050	2051	43	333	8	222	0	160	85	168	683	851
47847	48213	2051	2052	43	335	8	223	0	160	85	169	685	854
48213	48578	2052	2053	43	336	8	223	0	161	85	169	687	856
48578	48943	2053	2054	43	338	8	223	0	161	85	169	690	859
48943	49308	2054	2055	43	339	8	224	0	161	85	169	692	861
49308	49674	2055	2056	44	341	8	224	0	161	85	169	694	863
49674	50039	2056	2057	44	342	8	224	0	161	86	169	695	864
50039	50404	2057	2058	44	343	8	224	0	161	86	169	697	866
50404	50769	2058	2059	44	344	8	225	0	161	86	169	699	868
50769	51135	2059	2060	44	345	8	225	0	161	86	169	700	869
51135	51500	2060	2061	44	346	8	225	0	161	86	169	701	871
51500	51865	2061	2062	44	347	8	225	0	161	86	169	703	872
51865	52230	2062	2063	44	348	8	226	0	161	86	169	704	873
52230	52596	2063	2064	45	349	8	226	0	161	86	169	705	874
52596	52961	2064	2065	45	350	8	226	0	160	86	169	707	875
52961	53326	2065	2066	45	350	8	226	0	160	86	169	708	877
53326	53691	2066	2067	45	351	8	227	0	160	86	169	709	878

B-5(S2). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 2) (floodplain to River)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	45	352	8	227	0	160	86	168	710	878
54057	54422	2068	2069	45	352	8	227	0	160	86	168	711	879
54422	54787	2069	2070	45	353	8	227	0	160	86	168	712	880
54787	55152	2070	2071	45	354	8	227	0	160	87	168	713	881
55152	55518	2071	2072	46	354	8	227	0	160	87	168	714	882
55518	55883	2072	2073	46	355	8	228	0	159	87	168	715	883
55883	56248	2073	2074	46	355	8	228	0	159	87	168	716	883
56248	56613	2074	2075	46	356	8	228	0	159	87	168	717	884
56613	56979	2075	2076	46	356	8	228	0	159	87	167	717	885
56979	57344	2076	2077	46	357	8	228	0	159	87	167	718	885
57344	57709	2077	2078	46	357	8	228	0	159	87	167	719	886
57709	58074	2078	2079	47	358	8	228	0	159	87	167	720	887
58074	58440	2079	2080	47	358	8	229	0	158	87	167	720	887
58440	58805	2080	2081	47	359	8	229	0	158	87	167	721	888
58805	59170	2081	2082	47	359	8	229	0	158	87	167	722	888
59170	59535	2082	2083	47	360	8	229	0	158	87	166	722	889
59535	59901	2083	2084	47	360	8	229	0	158	87	166	723	889
59901	60266	2084	2085	47	360	8	229	0	158	87	166	724	890
60266	60631	2085	2086	48	361	8	229	0	157	87	166	724	890
60631	60996	2086	2087	48	361	8	229	0	157	87	166	725	891
60996	61362	2087	2088	48	361	8	229	0	157	87	166	726	891
61362	61727	2088	2089	48	362	9	229	0	157	87	165	726	892
61727	62092	2089	2090	48	362	9	230	0	157	87	165	727	892
62092	62457	2090	2091	48	362	9	230	0	157	87	165	727	892
62457	62823	2091	2092	48	362	9	230	0	157	87	165	728	893
62823	63188	2092	2093	48	363	9	230	0	156	87	165	728	893
63188	63553	2093	2094	49	363	9	230	0	156	87	165	729	893
63553	63918	2094	2095	49	363	9	230	0	156	87	165	729	894
63918	64284	2095	2096	49	364	9	230	0	156	87	165	730	894
64284	64649	2096	2097	49	364	9	230	0	156	87	164	730	894
64649	65014	2097	2098	49	364	9	230	0	156	87	164	731	895
65014	65379	2098	2099	49	364	9	230	0	156	87	164	731	895
65379	65745	2099	2100	49	364	9	230	0	155	87	164	731	895
65745	66110	2100	2101	49	365	9	230	0	155	87	164	732	896
66110	66475	2101	2102	50	365	9	230	0	155	87	164	732	896
66475	66840	2102	2103	50	365	9	230	0	155	87	164	732	896
66840	67206	2103	2104	50	365	9	230	0	155	87	163	733	896
67206	67571	2104	2105	50	365	9	231	0	155	87	163	733	897
67571	67936	2105	2106	50	366	9	231	0	155	87	163	734	897
67936	68301	2106	2107	50	366	9	231	0	155	87	163	734	897
68301	68667	2107	2108	50	366	9	231	0	154	87	163	734	897
68667	69032	2108	2109	50	366	9	231	0	154	87	163	735	897
69032	69397	2109	2110	50	366	9	231	0	154	87	163	735	897

B-5(S2). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 2) (floodplain to River)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	3652	1920	1930	0.2	1.5	4.0	2.1	3.5	4.5	3.4	12.0	7.1	19.2
3652	7305	1930	1940	0.1	1.3	3.0	7.5	3.0	3.7	3.0	9.7	11.8	21.5
7305	14610	1940	1960	0.1	1.4	3.0	18.7	3.0	3.7	3.0	9.7	23.2	33.0
14610	18263	1960	1970	0.2	3.6	7.0	18.9	4.9	3.7	3.1	15.6	25.7	41.3
18263	21915	1970	1980	0.2	3.9	7.2	18.9	5.0	3.7	3.1	15.9	26.1	42.0
21915	24837	1980	1988	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.2
24837	25202	1988	1989	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
25202	25567	1989	1990	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
25567	25932	1990	1991	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
25932	26298	1991	1992	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
26298	26663	1992	1993	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
26663	27028	1993	1994	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
27028	27393	1994	1995	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
27393	27759	1995	1996	0.2	4.0	7.2	19.2	5.0	3.7	3.1	16.0	26.5	42.5
27759	28124	1996	1997	0.2	4.0	7.2	19.3	5.0	3.7	3.1	16.0	26.7	42.7
28124	28489	1997	1998	0.2	4.0	7.2	19.5	5.0	3.7	3.1	16.0	26.8	42.8
28489	28854	1998	1999	0.2	4.0	7.2	18.9	4.9	3.9	3.2	16.1	26.4	42.5
28854	29220	1999	2000	0.3	3.9	6.9	17.5	4.8	4.0	3.3	15.8	24.9	40.7
29220	29585	2000	2001	0.2	3.6	5.5	15.9	4.1	3.6	2.9	13.2	22.7	35.9
29585	29950	2001	2002	0.2	3.6	5.7	15.1	4.4	4.0	3.3	14.0	22.2	36.3
29950	30315	2002	2003	0.3	3.8	6.8	14.6	4.9	4.6	3.8	16.4	22.4	38.8
30315	30681	2003	2004	0.3	3.9	7.4	13.9	5.3	5.0	4.1	17.7	22.2	39.9
30681	31046	2004	2005	0.3	3.6	5.5	12.9	4.5	4.4	3.7	14.5	20.5	35.0
31046	31411	2005	2006	0.3	3.6	5.6	12.6	4.5	4.5	3.7	14.7	20.2	34.9
31411	31776	2006	2007	0.3	3.6	5.6	12.0	4.5	4.6	3.7	14.7	19.6	34.2
31776	32142	2007	2008	0.3	3.9	7.8	12.6	5.5	5.5	4.4	18.8	21.2	40.0
32142	32507	2008	2009	0.4	4.9	14.1	14.1	8.7	8.3	6.3	31.1	25.7	56.8
32507	32872	2009	2010	0.5	5.5	17.7	14.9	11.3	10.5	7.8	39.4	28.6	68.0
32872	33237	2010	2011	0.5	4.9	12.6	13.4	9.4	8.8	6.8	30.8	25.6	56.4
33237	33603	2011	2012	0.5	4.6	10.3	12.7	8.6	8.0	6.3	26.9	24.0	50.9
33603	33968	2012	2013	0.5	4.3	9.1	12.2	8.0	7.5	6.0	24.7	23.0	47.6
33968	34333	2013	2014	0.5	4.2	8.4	11.8	7.6	7.2	5.8	23.3	22.2	45.5
34333	34698	2014	2015	0.4	4.1	8.0	11.4	7.3	7.0	5.6	22.3	21.6	43.9
34698	35064	2015	2016	0.4	4.0	7.7	11.2	7.1	6.8	5.5	21.6	21.1	42.7
35064	35429	2016	2017	0.4	3.9	7.5	10.9	6.9	6.7	5.4	21.1	20.6	41.7
35429	35794	2017	2018	0.4	3.8	7.3	10.7	6.7	6.6	5.3	20.6	20.3	40.9
35794	36159	2018	2019	0.4	3.8	7.1	10.4	6.6	6.5	5.2	20.2	19.8	40.0
36159	36525	2019	2020	0.4	3.7	7.0	10.3	6.5	6.4	5.2	19.9	19.6	39.5
36525	36890	2020	2021	0.4	3.7	6.9	10.2	6.4	6.3	5.1	19.6	19.4	39.0
36890	37255	2021	2022	0.4	3.6	6.8	10.1	6.3	6.3	5.1	19.4	19.3	38.6
37255	37620	2022	2023	0.4	3.6	6.8	10.1	6.2	6.2	5.0	19.2	19.1	38.3
37620	37986	2023	2024	0.4	3.6	6.7	10.0	6.1	6.1	5.0	19.0	19.0	38.0
37986	38351	2024	2025	0.4	3.6	6.8	10.0	6.1	6.1	5.0	19.0	19.0	38.1

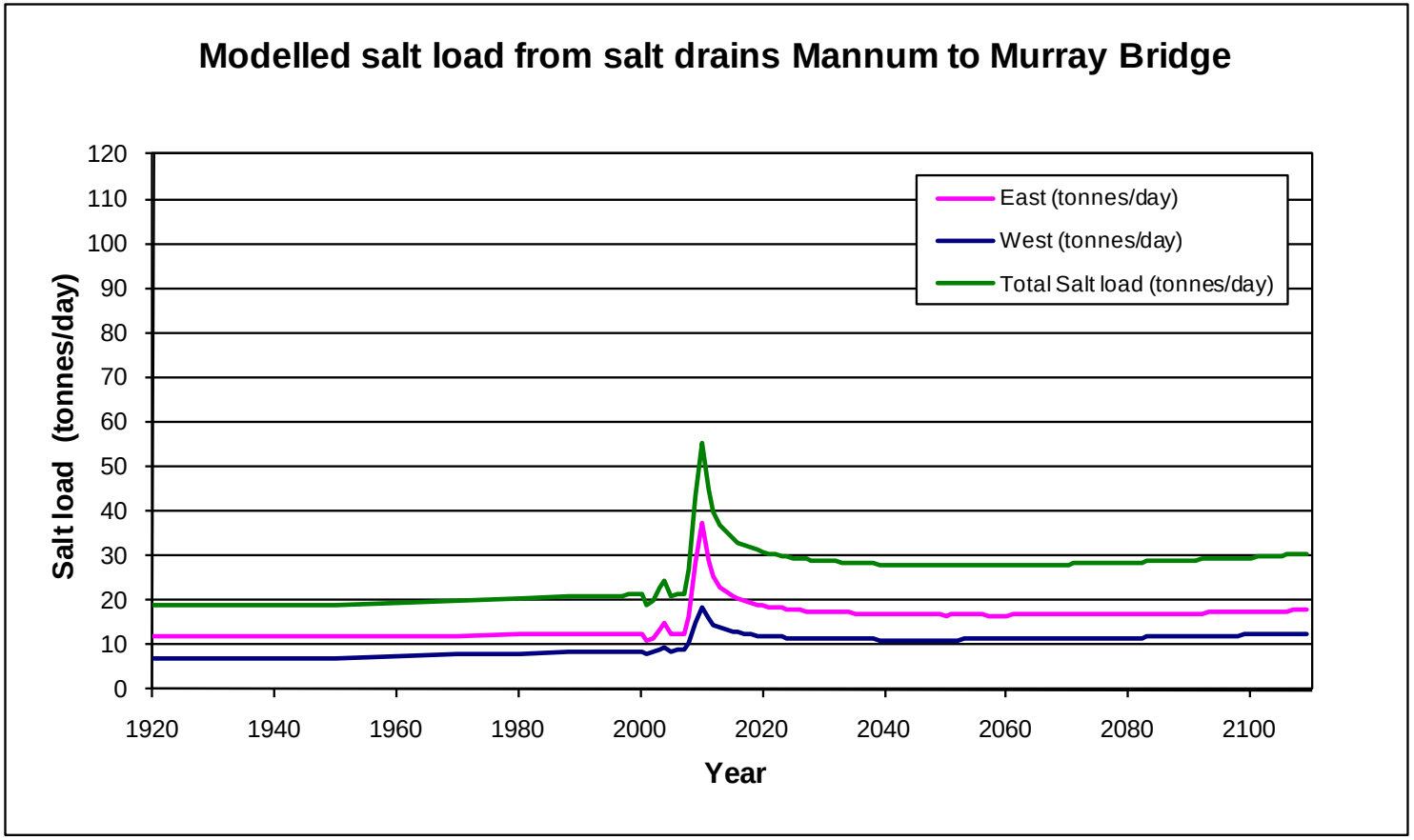
B-5(S2) Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 2) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.4	3.6	6.8	10.0	6.0	6.1	5.0	19.0	19.0	38.0
38716	39081	2026	2027	0.4	3.6	6.9	10.0	6.0	6.3	5.1	19.1	19.1	38.2
39081	39447	2027	2028	0.4	3.6	6.8	10.0	5.9	6.4	5.1	19.1	19.1	38.2
39447	39812	2028	2029	0.4	3.6	6.9	10.0	5.9	6.5	5.1	19.2	19.1	38.3
39812	40177	2029	2030	0.4	3.7	6.8	10.0	5.8	6.5	5.1	19.2	19.2	38.4
40177	40542	2030	2031	0.4	3.7	6.9	10.1	5.8	6.5	5.2	19.3	19.5	38.7
40542	40908	2031	2032	0.4	3.8	6.9	10.2	5.8	6.5	5.2	19.3	19.6	38.9
40908	41273	2032	2033	0.4	3.8	7.0	10.3	5.8	6.7	5.2	19.5	19.8	39.2
41273	41638	2033	2034	0.4	3.9	6.9	10.3	5.8	6.8	5.2	19.5	19.9	39.4
41638	42003	2034	2035	0.4	4.0	6.9	10.4	5.8	6.8	5.3	19.5	20.0	39.5
42003	42369	2035	2036	0.4	4.0	7.3	10.5	5.8	6.8	5.3	19.9	20.3	40.2
42369	42734	2036	2037	0.4	4.1	7.5	10.6	5.8	6.8	5.3	20.1	20.5	40.6
42734	43099	2037	2038	0.4	4.2	7.6	10.7	5.8	6.9	5.4	20.2	20.6	40.9
43099	43464	2038	2039	0.4	4.2	7.6	10.7	5.8	6.9	5.4	20.3	20.7	41.1
43464	43830	2039	2040	0.4	4.3	7.6	10.7	5.8	6.9	5.4	20.4	20.8	41.2
43830	44195	2040	2041	0.4	4.3	7.6	10.7	5.8	7.0	5.4	20.4	20.9	41.3
44195	44560	2041	2042	0.4	4.4	7.6	10.8	5.8	7.0	5.4	20.4	21.0	41.4
44560	44925	2042	2043	0.4	4.4	7.6	10.8	5.8	7.0	5.4	20.4	21.0	41.4
44925	45291	2043	2044	0.4	4.4	7.6	10.8	5.8	7.0	5.4	20.4	21.1	41.5
45291	45656	2044	2045	0.4	4.4	7.6	10.8	5.8	7.0	5.4	20.4	21.1	41.5
45656	46021	2045	2046	0.4	4.5	7.6	10.8	5.8	7.0	5.4	20.4	21.1	41.6
46021	46386	2046	2047	0.4	4.5	7.6	10.8	5.8	7.0	5.4	20.4	21.2	41.6
46386	46752	2047	2048	0.4	4.5	7.6	10.8	5.8	7.0	5.4	20.4	21.2	41.6
46752	47117	2048	2049	0.4	4.5	7.6	10.8	5.7	7.1	5.4	20.4	21.2	41.6
47117	47482	2049	2050	0.4	4.6	7.6	10.8	5.7	7.1	5.4	20.4	21.3	41.7
47482	47847	2050	2051	0.4	4.6	7.6	10.8	5.7	7.1	5.4	20.4	21.3	41.7
47847	48213	2051	2052	0.4	4.6	7.6	10.8	5.7	7.1	5.4	20.4	21.3	41.7
48213	48578	2052	2053	0.4	4.6	7.6	10.8	5.7	7.1	5.4	20.4	21.3	41.7
48578	48943	2053	2054	0.4	4.6	7.6	10.8	5.7	7.1	5.4	20.4	21.3	41.7
48943	49308	2054	2055	0.4	4.6	7.6	10.8	5.7	7.1	5.4	20.4	21.3	41.7
49308	49674	2055	2056	0.4	4.6	7.6	10.9	5.7	7.1	5.4	20.3	21.4	41.8
49674	50039	2056	2057	0.4	4.6	7.6	11.0	5.7	7.1	5.4	20.3	21.5	41.8
50039	50404	2057	2058	0.4	4.7	7.6	11.0	5.7	7.1	5.5	20.3	21.5	41.9
50404	50769	2058	2059	0.4	4.7	7.6	11.0	5.7	7.1	5.5	20.3	21.6	41.9
50769	51135	2059	2060	0.4	4.7	7.6	11.0	5.7	7.1	5.5	20.3	21.6	41.9
51135	51500	2060	2061	0.4	4.7	7.6	11.0	5.6	7.1	5.5	20.3	21.6	41.9
51500	51865	2061	2062	0.4	4.7	7.6	11.0	5.6	7.1	5.5	20.3	21.6	41.9
51865	52230	2062	2063	0.4	4.7	7.6	11.1	5.6	7.1	5.5	20.3	21.6	41.9
52230	52596	2063	2064	0.4	4.7	7.6	11.1	5.6	7.1	5.5	20.3	21.6	41.9
52596	52961	2064	2065	0.4	4.7	7.6	11.1	5.6	7.1	5.5	20.2	21.7	41.9
52961	53326	2065	2066	0.4	4.7	7.6	11.1	5.6	7.1	5.5	20.2	21.7	41.9
53326	53691	2066	2067	0.4	4.7	7.6	11.1	5.6	7.0	5.5	20.2	21.7	41.9

B-5(S2) Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 2) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	0.4	4.7	7.6	11.1	5.6	7.0	5.5	20.2	21.7	41.9
54057	54422	2068	2069	0.4	4.7	7.6	11.1	5.6	7.0	5.5	20.2	21.7	41.9
54422	54787	2069	2070	0.4	4.7	7.6	11.1	5.6	7.0	5.5	20.2	21.7	41.9
54787	55152	2070	2071	0.4	4.7	7.6	11.1	5.6	7.0	5.5	20.2	21.7	41.9
55152	55518	2071	2072	0.4	4.7	7.6	11.1	5.6	7.0	5.5	20.2	21.7	41.9
55518	55883	2072	2073	0.4	4.7	7.5	11.1	5.6	7.0	5.5	20.2	21.7	41.9
55883	56248	2073	2074	0.4	4.7	7.5	11.1	5.6	7.0	5.5	20.2	21.7	41.9
56248	56613	2074	2075	0.4	4.7	7.5	11.1	5.6	7.0	5.5	20.1	21.7	41.9
56613	56979	2075	2076	0.4	4.8	7.5	11.1	5.6	7.0	5.5	20.1	21.7	41.9
56979	57344	2076	2077	0.4	4.8	7.5	11.1	5.6	7.0	5.5	20.1	21.7	41.9
57344	57709	2077	2078	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.1	21.8	41.9
57709	58074	2078	2079	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.1	21.8	41.9
58074	58440	2079	2080	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.1	21.8	41.9
58440	58805	2080	2081	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.1	21.8	41.9
58805	59170	2081	2082	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.1	21.8	41.8
59170	59535	2082	2083	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.1	21.8	41.8
59535	59901	2083	2084	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.1	21.8	41.8
59901	60266	2084	2085	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.1	21.8	41.8
60266	60631	2085	2086	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
60631	60996	2086	2087	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
60996	61362	2087	2088	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
61362	61727	2088	2089	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
61727	62092	2089	2090	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
62092	62457	2090	2091	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
62457	62823	2091	2092	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
62823	63188	2092	2093	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
63188	63553	2093	2094	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
63553	63918	2094	2095	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
63918	64284	2095	2096	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
64284	64649	2096	2097	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
64649	65014	2097	2098	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
65014	65379	2098	2099	0.4	4.8	7.5	11.1	5.5	7.0	5.5	19.9	21.8	41.8
65379	65745	2099	2100	0.4	4.8	7.5	11.1	5.5	7.0	5.5	19.9	21.8	41.8
65745	66110	2100	2101	0.4	4.8	7.5	11.1	5.4	7.0	5.5	19.9	21.8	41.8
66110	66475	2101	2102	0.4	4.8	7.5	11.1	5.4	7.0	5.5	19.9	21.8	41.8
66475	66840	2102	2103	0.4	4.8	7.5	11.1	5.4	7.0	5.5	19.9	21.8	41.8
66840	67206	2103	2104	0.4	4.8	7.5	11.1	5.4	7.0	5.5	19.9	21.8	41.8
67206	67571	2104	2105	0.4	4.8	7.5	11.1	5.4	7.0	5.5	19.9	21.8	41.8
67571	67936	2105	2106	0.4	4.8	7.5	11.1	5.4	7.0	5.5	19.9	21.8	41.8
67936	68301	2106	2107	0.5	4.8	7.5	11.1	5.4	7.0	5.5	19.9	21.9	41.8
68301	68667	2107	2108	0.5	4.8	7.5	11.1	5.4	7.0	5.5	19.9	21.9	41.7
68667	69032	2108	2109	0.5	4.8	7.5	11.1	5.4	7.0	5.5	19.9	21.9	41.7
69032	69397	2109	2110	0.5	4.8	7.5	11.1	5.4	7.0	5.5	19.9	21.9	41.7
	Salinity (mg/L)			5,000	6,000	10,000	7,000	5,000	7,000	7,000			

B-5(S2) Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 2) (highland to salt drains)



B-5(S2) Graph of modelled salt load (tonnes/day) entering the River Murray in the Mannum to Murray Bridge area (Scenario 2) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	3652	1920	1930	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
3652	7305	1930	1940	0.0	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.7	0.7
7305	14610	1940	1960	0.0	0.1	0.0	0.9	0.0	0.0	0.0	0.0	1.1	1.1
14610	18263	1960	1970	0.0	0.1	0.0	1.0	0.0	0.0	0.0	0.0	1.2	1.2
18263	21915	1970	1980	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.3	1.3
21915	24837	1980	1988	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
24837	25202	1988	1989	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
25202	25567	1989	1990	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
25567	25932	1990	1991	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
25932	26298	1991	1992	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
26298	26663	1992	1993	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
26663	27028	1993	1994	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
27028	27393	1994	1995	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
27393	27759	1995	1996	0.1	0.2	0.0	1.4	0.0	0.0	0.0	0.0	1.7	1.7
27759	28124	1996	1997	0.1	0.2	0.0	1.6	0.0	0.0	0.0	0.0	1.9	1.9
28124	28489	1997	1998	0.1	0.2	0.0	1.7	0.0	0.0	0.0	0.0	2.0	2.1
28489	28854	1998	1999	0.1	0.3	0.0	1.8	0.0	0.0	0.0	0.0	2.1	2.1
28854	29220	1999	2000	0.1	0.3	0.0	1.7	0.0	0.0	0.0	0.0	2.1	2.1
29220	29585	2000	2001	0.0	0.2	0.0	1.6	0.0	0.0	0.0	0.0	1.8	1.8
29585	29950	2001	2002	0.0	0.6	0.0	1.7	0.0	0.0	0.0	0.0	2.3	2.4
29950	30315	2002	2003	0.1	0.7	0.1	1.8	0.0	0.0	0.1	0.1	2.7	2.7
30315	30681	2003	2004	0.1	0.8	0.1	1.8	0.0	0.0	0.1	0.1	2.8	2.9
30681	31046	2004	2005	0.1	0.7	0.1	1.6	0.0	0.0	0.0	0.1	2.4	2.5
31046	31411	2005	2006	0.1	0.7	0.1	1.6	0.0	0.0	0.0	0.1	2.4	2.5
31411	31776	2006	2007	0.1	0.7	0.1	1.6	0.0	0.0	0.0	0.1	2.3	2.4
31776	32142	2007	2008	0.1	0.9	0.1	1.7	0.0	0.0	0.1	0.1	2.8	2.9
32142	32507	2008	2009	0.4	1.5	0.6	2.0	0.0	1.1	0.4	1.7	4.4	6.1
32507	32872	2009	2010	0.6	2.0	1.4	2.2	0.0	2.2	0.8	3.6	5.6	9.2
32872	33237	2010	2011	0.4	1.7	0.9	2.0	0.0	1.4	0.5	2.3	4.6	6.9
33237	33603	2011	2012	0.4	1.6	0.7	1.8	0.0	1.0	0.4	1.7	4.2	5.9
33603	33968	2012	2013	0.3	1.5	0.5	1.7	0.0	0.8	0.4	1.3	3.9	5.2
33968	34333	2013	2014	0.3	1.4	0.4	1.6	0.0	0.7	0.3	1.1	3.6	4.7
34333	34698	2014	2015	0.3	1.3	0.3	1.5	0.0	0.6	0.3	0.9	3.5	4.3
34698	35064	2015	2016	0.3	1.3	0.2	1.5	0.0	0.5	0.3	0.7	3.3	4.1
35064	35429	2016	2017	0.3	1.3	0.2	1.4	0.0	0.5	0.2	0.6	3.2	3.8
35429	35794	2017	2018	0.3	1.2	0.1	1.4	0.0	0.4	0.2	0.5	3.1	3.6
35794	36159	2018	2019	0.2	1.2	0.1	1.3	0.0	0.4	0.2	0.5	3.0	3.5
36159	36525	2019	2020	0.2	1.2	0.1	1.3	0.0	0.3	0.2	0.4	2.9	3.3
36525	36890	2020	2021	0.2	1.2	0.1	1.3	0.0	0.3	0.2	0.4	2.9	3.2
36890	37255	2021	2022	0.2	1.2	0.1	1.2	0.0	0.3	0.2	0.3	2.8	3.1
37255	37620	2022	2023	0.2	1.1	0.1	1.2	0.0	0.2	0.2	0.3	2.8	3.1
37620	37986	2023	2024	0.2	1.1	0.1	1.2	0.0	0.2	0.2	0.3	2.7	3.0
37986	38351	2024	2025	0.2	1.2	0.1	1.2	0.0	0.3	0.2	0.4	2.8	3.2

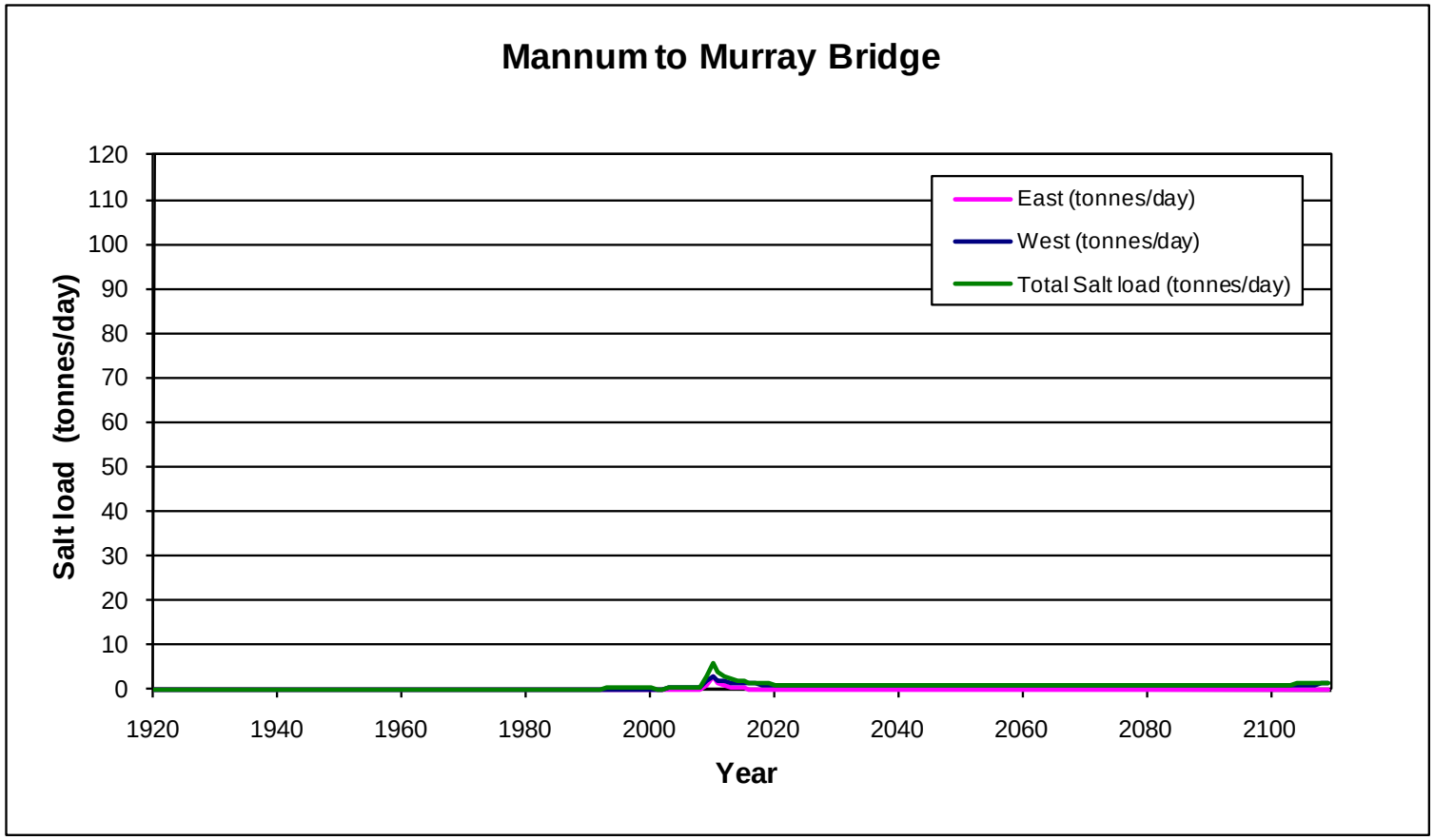
B-5(S2) Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 2) (floodplain to River)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.2	1.2	0.1	1.2	0.0	0.3	0.2	0.4	2.8	3.2
38716	39081	2026	2027	0.2	1.3	0.1	1.4	0.0	0.3	0.2	0.4	3.0	3.4
39081	39447	2027	2028	0.2	1.3	0.1	1.4	0.0	0.4	0.2	0.5	3.0	3.5
39447	39812	2028	2029	0.2	1.3	0.1	1.4	0.0	0.4	0.2	0.5	3.1	3.6
39812	40177	2029	2030	0.2	1.3	0.1	1.4	0.0	0.5	0.2	0.5	3.1	3.7
40177	40542	2030	2031	0.2	1.3	0.1	1.4	0.0	0.5	0.2	0.6	3.2	3.8
40542	40908	2031	2032	0.2	1.3	0.1	1.4	0.0	0.5	0.3	0.6	3.2	3.8
40908	41273	2032	2033	0.2	1.3	0.1	1.5	0.0	0.6	0.3	0.6	3.3	3.9
41273	41638	2033	2034	0.2	1.4	0.1	1.5	0.0	0.6	0.3	0.7	3.4	4.0
41638	42003	2034	2035	0.2	1.4	0.1	1.5	0.0	0.6	0.3	0.7	3.4	4.1
42003	42369	2035	2036	0.2	1.5	0.1	1.5	0.0	0.8	0.4	0.9	3.6	4.4
42369	42734	2036	2037	0.2	1.6	0.1	1.5	0.0	0.9	0.5	1.0	3.7	4.7
42734	43099	2037	2038	0.2	1.6	0.1	1.5	0.0	0.9	0.5	1.0	3.8	4.9
43099	43464	2038	2039	0.2	1.7	0.1	1.5	0.0	1.0	0.5	1.1	3.9	5.0
43464	43830	2039	2040	0.2	1.8	0.1	1.5	0.0	1.0	0.5	1.1	4.0	5.1
43830	44195	2040	2041	0.2	1.8	0.1	1.5	0.0	1.0	0.5	1.1	4.1	5.2
44195	44560	2041	2042	0.2	1.8	0.1	1.5	0.0	1.1	0.6	1.1	4.1	5.3
44560	44925	2042	2043	0.2	1.9	0.1	1.5	0.0	1.1	0.6	1.2	4.2	5.3
44925	45291	2043	2044	0.2	1.9	0.1	1.5	0.0	1.1	0.6	1.2	4.2	5.4
45291	45656	2044	2045	0.2	1.9	0.1	1.5	0.0	1.1	0.6	1.2	4.2	5.4
45656	46021	2045	2046	0.2	1.9	0.1	1.5	0.0	1.1	0.6	1.2	4.3	5.4
46021	46386	2046	2047	0.2	1.9	0.1	1.5	0.0	1.1	0.6	1.2	4.3	5.5
46386	46752	2047	2048	0.2	2.0	0.1	1.5	0.0	1.1	0.6	1.2	4.3	5.5
46752	47117	2048	2049	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.3	5.5
47117	47482	2049	2050	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.3	5.5
47482	47847	2050	2051	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.6
47847	48213	2051	2052	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.6
48213	48578	2052	2053	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.6
48578	48943	2053	2054	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.6
48943	49308	2054	2055	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.6
49308	49674	2055	2056	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.6
49674	50039	2056	2057	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.6
50039	50404	2057	2058	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.7
50404	50769	2058	2059	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
50769	51135	2059	2060	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
51135	51500	2060	2061	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
51500	51865	2061	2062	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
51865	52230	2062	2063	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
52230	52596	2063	2064	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
52596	52961	2064	2065	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
52961	53326	2065	2066	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
53326	53691	2066	2067	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7

B-5(S2). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 2) (floodplain to River)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
54057	54422	2068	2069	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
54422	54787	2069	2070	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
54787	55152	2070	2071	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
55152	55518	2071	2072	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
55518	55883	2072	2073	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
55883	56248	2073	2074	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
56248	56613	2074	2075	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
56613	56979	2075	2076	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
56979	57344	2076	2077	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
57344	57709	2077	2078	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
57709	58074	2078	2079	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
58074	58440	2079	2080	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
58440	58805	2080	2081	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
58805	59170	2081	2082	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
59170	59535	2082	2083	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
59535	59901	2083	2084	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
59901	60266	2084	2085	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
60266	60631	2085	2086	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
60631	60996	2086	2087	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
60996	61362	2087	2088	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
61362	61727	2088	2089	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
61727	62092	2089	2090	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
62092	62457	2090	2091	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
62457	62823	2091	2092	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
62823	63188	2092	2093	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
63188	63553	2093	2094	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
63553	63918	2094	2095	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
63918	64284	2095	2096	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
64284	64649	2096	2097	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
64649	65014	2097	2098	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
65014	65379	2098	2099	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
65379	65745	2099	2100	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
65745	66110	2100	2101	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
66110	66475	2101	2102	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
66475	66840	2102	2103	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
66840	67206	2103	2104	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
67206	67571	2104	2105	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
67571	67936	2105	2106	0.3	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
67936	68301	2106	2107	0.3	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
68301	68667	2107	2108	0.3	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
68667	69032	2108	2109	0.3	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
69032	69397	2109	2110	0.3	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
	Salinity (mg/L)			5,000	6,000	10,000	7,000	5,000	7,000	7,000			

B-5(S2). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 2) (floodplain to River)



B-5(S2). Graph of modelled salt load (tonnes/day) entering the River Murray in the Mannum to Murray Bridge area (Scenario 2) (floodplain to River)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	3652	1920	1930	31	253	400	298	705	646	479	1751	1061	2812
3652	7305	1930	1940	18	215	296	1068	601	528	427	1425	1728	3153
7305	14610	1940	1960	19	237	303	2670	601	529	435	1433	3361	4793
14610	18263	1960	1970	36	603	699	2693	987	530	437	2216	3769	5985
18263	21915	1970	1980	44	650	718	2705	1000	530	439	2248	3838	6086
21915	24837	1980	1988	46	664	723	2711	1004	531	441	2257	3862	6119
24837	25202	1988	1989	47	665	723	2712	1004	531	441	2257	3864	6121
25202	25567	1989	1990	47	666	723	2712	1004	531	441	2258	3865	6123
25567	25932	1990	1991	47	667	723	2713	1004	531	441	2258	3867	6125
25932	26298	1991	1992	47	667	724	2713	1004	531	441	2259	3868	6127
26298	26663	1992	1993	47	668	724	2713	1004	531	441	2259	3869	6128
26663	27028	1993	1994	47	668	724	2713	1004	531	441	2259	3870	6129
27028	27393	1994	1995	47	669	724	2714	1005	531	441	2259	3871	6130
27393	27759	1995	1996	47	670	724	2740	1005	531	441	2260	3899	6159
27759	28124	1996	1997	47	672	725	2764	1005	531	442	2260	3925	6185
28124	28489	1997	1998	48	675	725	2783	1005	531	442	2261	3946	6207
28489	28854	1998	1999	49	671	723	2813	989	555	457	2268	3990	6258
28854	29220	1999	2000	51	652	695	2839	958	576	469	2229	4011	6241
29220	29585	2000	2001	49	598	547	2789	828	513	421	1888	3857	5745
29585	29950	2001	2002	49	601	570	2837	873	568	469	2010	3956	5966
29950	30315	2002	2003	52	635	681	2915	987	657	541	2325	4143	6468
30315	30681	2003	2004	55	657	741	2976	1062	716	587	2519	4275	6794
30681	31046	2004	2005	53	608	554	2913	906	635	524	2095	4098	6193
31046	31411	2005	2006	54	605	562	2925	908	650	531	2120	4116	6236
31411	31776	2006	2007	55	597	557	2932	899	656	533	2112	4117	6230
31776	32142	2007	2008	61	651	776	3052	1102	788	631	2667	4395	7062
32142	32507	2008	2009	82	812	1410	3358	1748	1180	906	4338	5158	9496
32507	32872	2009	2010	102	921	1769	3576	2253	1494	1108	5517	5706	11223
32872	33237	2010	2011	97	819	1261	3458	1887	1250	968	4398	5342	9740
33237	33603	2011	2012	94	765	1031	3410	1711	1143	900	3885	5169	9054
33603	33968	2012	2013	92	730	912	3383	1600	1078	857	3590	5062	8653
33968	34333	2013	2014	91	704	843	3366	1522	1035	827	3399	4988	8388
34333	34698	2014	2015	89	685	799	3355	1463	1002	804	3264	4933	8197
34698	35064	2015	2016	89	669	768	3346	1417	977	786	3162	4890	8052
35064	35429	2016	2017	88	657	746	3339	1379	957	772	3081	4856	7937
35429	35794	2017	2018	88	647	728	3334	1347	940	759	3015	4827	7843
35794	36159	2018	2019	87	638	714	3329	1320	926	749	2960	4804	7763
36159	36525	2019	2020	87	631	702	3325	1297	913	740	2912	4783	7695
36525	36890	2020	2021	87	625	692	3322	1276	903	733	2871	4766	7638
36890	37255	2021	2022	86	619	683	3320	1258	893	726	2834	4751	7586
37255	37620	2022	2023	86	614	676	3317	1242	885	720	2802	4738	7540
37620	37986	2023	2024	86	610	670	3316	1228	878	715	2775	4727	7503
37986	38351	2024	2025	86	607	664	3314	1216	872	711	2752	4718	7470

B-5(S3a). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3a) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	86	604	659	3312	1205	867	708	2731	4710	7441
38716	39081	2026	2027	86	602	655	3311	1195	862	704	2712	4703	7415
39081	39447	2027	2028	86	601	654	3311	1194	861	704	2710	4702	7411
39447	39812	2028	2029	85	601	654	3311	1193	861	704	2708	4701	7409
39812	40177	2029	2030	85	601	653	3311	1192	860	703	2706	4700	7406
40177	40542	2030	2031	85	600	653	3311	1191	860	703	2703	4699	7403
40542	40908	2031	2032	85	600	653	3310	1190	859	702	2701	4698	7400
40908	41273	2032	2033	85	600	652	3310	1189	859	702	2699	4698	7397
41273	41638	2033	2034	85	600	652	3310	1187	858	702	2697	4697	7394
41638	42003	2034	2035	85	599	651	3310	1186	858	701	2695	4696	7391
42003	42369	2035	2036	85	599	651	3310	1185	857	701	2693	4695	7388
42369	42734	2036	2037	85	599	650	3310	1184	856	701	2691	4694	7385
42734	43099	2037	2038	85	598	650	3310	1183	856	700	2689	4694	7382
43099	43464	2038	2039	85	598	649	3310	1182	855	700	2686	4693	7379
43464	43830	2039	2040	85	598	649	3309	1181	855	700	2684	4692	7377
43830	44195	2040	2041	85	598	648	3309	1180	854	699	2682	4691	7374
44195	44560	2041	2042	85	597	648	3309	1179	854	699	2680	4691	7371
44560	44925	2042	2043	85	597	647	3309	1178	853	699	2678	4690	7368
44925	45291	2043	2044	85	597	647	3309	1177	853	698	2676	4689	7366
45291	45656	2044	2045	85	597	646	3309	1176	852	698	2674	4688	7363
45656	46021	2045	2046	85	596	646	3309	1175	852	698	2673	4688	7360
46021	46386	2046	2047	85	596	646	3308	1174	851	697	2671	4687	7358
46386	46752	2047	2048	85	596	645	3308	1173	851	697	2669	4686	7355
46752	47117	2048	2049	85	595	645	3308	1172	850	697	2667	4686	7352
47117	47482	2049	2050	85	595	644	3308	1171	850	696	2665	4685	7350
47482	47847	2050	2051	85	595	644	3308	1170	849	696	2663	4684	7347
47847	48213	2051	2052	85	595	643	3308	1169	849	696	2661	4683	7345
48213	48578	2052	2053	85	595	643	3308	1168	848	695	2659	4683	7342
48578	48943	2053	2054	85	594	643	3308	1167	848	695	2657	4682	7340
48943	49308	2054	2055	85	594	642	3308	1166	848	695	2656	4681	7337
49308	49674	2055	2056	85	594	642	3307	1165	847	694	2654	4681	7335
49674	50039	2056	2057	85	594	641	3307	1164	847	694	2652	4680	7332
50039	50404	2057	2058	85	593	641	3307	1163	846	694	2650	4679	7330
50404	50769	2058	2059	85	593	641	3307	1162	846	694	2649	4679	7327
50769	51135	2059	2060	85	593	640	3307	1161	845	693	2647	4678	7325
51135	51500	2060	2061	85	593	640	3307	1161	845	693	2645	4678	7323
51500	51865	2061	2062	85	592	639	3307	1160	844	693	2643	4677	7320
51865	52230	2062	2063	85	592	639	3307	1159	844	692	2642	4676	7318
52230	52596	2063	2064	85	592	639	3307	1158	843	692	2640	4676	7316
52596	52961	2064	2065	85	592	638	3306	1157	843	692	2638	4675	7313
52961	53326	2065	2066	85	592	638	3306	1156	843	692	2637	4675	7311
53326	53691	2066	2067	85	591	638	3306	1155	842	691	2635	4674	7309

B-5(S3a). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3a) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	85	591	637	3306	1154	842	691	2633	4673	7307
54057	54422	2068	2069	85	591	637	3306	1154	841	691	2632	4673	7304
54422	54787	2069	2070	85	591	636	3306	1153	841	690	2630	4672	7302
54787	55152	2070	2071	85	591	636	3306	1152	841	690	2629	4672	7300
55152	55518	2071	2072	85	590	636	3306	1151	840	690	2627	4671	7298
55518	55883	2072	2073	85	590	635	3306	1150	840	690	2625	4670	7296
55883	56248	2073	2074	85	590	635	3305	1149	839	689	2624	4670	7294
56248	56613	2074	2075	85	590	635	3305	1149	839	689	2622	4669	7291
56613	56979	2075	2076	85	590	634	3305	1148	838	689	2621	4669	7289
56979	57344	2076	2077	85	589	634	3305	1147	838	689	2619	4668	7287
57344	57709	2077	2078	85	589	634	3305	1146	838	688	2618	4668	7285
57709	58074	2078	2079	85	589	633	3305	1145	837	688	2616	4667	7283
58074	58440	2079	2080	85	589	633	3305	1145	837	688	2614	4666	7281
58440	58805	2080	2081	85	589	633	3305	1144	837	688	2613	4666	7279
58805	59170	2081	2082	85	588	632	3305	1143	836	687	2612	4665	7277
59170	59535	2082	2083	85	588	632	3305	1142	836	687	2610	4665	7275
59535	59901	2083	2084	85	588	632	3305	1142	835	687	2608	4664	7273
59901	60266	2084	2085	85	588	631	3304	1141	835	687	2607	4664	7271
60266	60631	2085	2086	85	588	631	3304	1140	835	686	2606	4663	7269
60631	60996	2086	2087	85	587	631	3304	1139	834	686	2604	4663	7267
60996	61362	2087	2088	85	587	630	3304	1139	834	686	2603	4662	7265
61362	61727	2088	2089	85	587	630	3304	1138	833	686	2601	4662	7263
61727	62092	2089	2090	85	587	630	3304	1137	833	685	2600	4661	7261
62092	62457	2090	2091	85	587	629	3304	1136	833	685	2598	4661	7259
62457	62823	2091	2092	85	587	629	3304	1136	832	685	2597	4660	7257
62823	63188	2092	2093	85	586	629	3304	1135	832	685	2596	4660	7255
63188	63553	2093	2094	85	586	628	3304	1134	832	685	2594	4659	7254
63553	63918	2094	2095	85	586	628	3304	1133	831	684	2593	4659	7252
63918	64284	2095	2096	85	586	628	3303	1133	831	684	2592	4658	7250
64284	64649	2096	2097	85	586	628	3303	1132	831	684	2590	4658	7248
64649	65014	2097	2098	85	586	627	3303	1131	830	684	2589	4657	7246
65014	65379	2098	2099	85	585	627	3303	1131	830	683	2587	4657	7244
65379	65745	2099	2100	85	585	627	3303	1130	830	683	2586	4657	7243
65745	66110	2100	2101	85	585	626	3303	1129	829	683	2585	4656	7241
66110	66475	2101	2102	85	585	626	3303	1129	829	683	2583	4656	7239
66475	66840	2102	2103	85	585	626	3303	1128	829	683	2582	4655	7237
66840	67206	2103	2104	85	585	626	3303	1127	828	682	2581	4655	7236
67206	67571	2104	2105	85	584	625	3303	1127	828	682	2580	4654	7234
67571	67936	2105	2106	85	584	625	3303	1126	828	682	2578	4654	7232
67936	68301	2106	2107	85	584	625	3303	1125	827	682	2577	4653	7230
68301	68667	2107	2108	85	584	624	3302	1125	827	682	2576	4653	7229
68667	69032	2108	2109	85	584	624	3302	1124	827	681	2574	4653	7227
69032	69397	2109	2110	85	584	624	3302	1124	827	681	2574	4653	7227

B-5(S3a). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3a) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	3652	1920	1930	5	18	2	0	0	0	0	2	24	25
3652	7305	1930	1940	6	18	2	78	0	0	0	2	102	104
7305	14610	1940	1960	7	19	2	134	0	0	0	2	160	161
14610	18263	1960	1970	10	23	2	145	0	0	0	2	178	179
18263	21915	1970	1980	13	32	2	150	0	0	0	2	195	197
21915	24837	1980	1988	14	38	2	153	0	0	0	2	205	207
24837	25202	1988	1989	14	38	2	153	0	0	0	2	206	208
25202	25567	1989	1990	14	39	2	154	0	0	0	2	207	208
25567	25932	1990	1991	14	39	2	154	0	0	0	2	207	209
25932	26298	1991	1992	14	39	2	154	0	0	0	2	208	210
26298	26663	1992	1993	15	40	2	154	0	0	0	2	208	210
26663	27028	1993	1994	15	40	2	154	0	0	0	2	209	211
27028	27393	1994	1995	15	40	2	154	0	0	0	2	209	211
27393	27759	1995	1996	15	41	2	195	0	0	0	2	250	252
27759	28124	1996	1997	15	41	2	224	0	0	0	2	280	282
28124	28489	1997	1998	15	42	2	245	0	0	0	2	302	304
28489	28854	1998	1999	15	42	2	257	0	0	0	2	314	316
28854	29220	1999	2000	15	43	2	265	0	0	0	2	323	324
29220	29585	2000	2001	9	26	2	261	0	0	0	2	296	298
29585	29950	2001	2002	10	94	3	285	0	0	4	3	393	397
29950	30315	2002	2003	17	123	5	313	0	0	10	5	463	468
30315	30681	2003	2004	23	141	6	329	0	0	14	6	507	512
30681	31046	2004	2005	14	115	6	316	0	0	5	6	449	456
31046	31411	2005	2006	14	116	6	320	0	0	4	6	454	460
31411	31776	2006	2007	14	114	6	322	0	0	3	6	453	459
31776	32142	2007	2008	28	149	6	346	0	1	15	7	538	545
32142	32507	2008	2009	74	251	64	400	0	150	65	215	791	1005
32507	32872	2009	2010	113	332	144	436	0	312	116	456	998	1453
32872	33237	2010	2011	87	283	93	396	0	199	80	292	845	1137
33237	33603	2011	2012	74	259	66	378	0	149	66	215	776	991
33603	33968	2012	2013	66	244	48	368	0	119	57	168	734	902
33968	34333	2013	2014	61	233	36	361	0	99	51	136	705	841
34333	34698	2014	2015	57	225	28	355	0	85	47	113	684	797
34698	35064	2015	2016	54	218	21	351	0	74	43	96	667	763
35064	35429	2016	2017	52	212	17	348	0	66	40	83	653	736
35429	35794	2017	2018	50	208	13	346	0	58	38	71	642	713
35794	36159	2018	2019	49	203	10	344	0	52	36	62	632	694
36159	36525	2019	2020	47	200	8	342	0	47	35	55	624	679
36525	36890	2020	2021	46	197	7	340	0	42	33	49	617	666
36890	37255	2021	2022	45	194	6	339	0	38	32	45	611	655
37255	37620	2022	2023	45	191	6	338	0	35	31	41	605	646
37620	37986	2023	2024	44	189	6	337	0	33	31	38	601	639
37986	38351	2024	2025	43	187	6	336	0	31	30	36	597	633

B-5(S3a). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3a) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	43	185	6	335	0	29	29	34	593	627
38716	39081	2026	2027	43	184	6	335	0	27	29	33	590	623
39081	39447	2027	2028	42	183	6	335	0	27	29	33	589	622
39447	39812	2028	2029	42	183	6	335	0	27	29	32	589	622
39812	40177	2029	2030	42	183	6	334	0	27	29	32	589	621
40177	40542	2030	2031	42	183	6	334	0	26	29	32	588	620
40542	40908	2031	2032	42	183	6	334	0	26	29	32	588	620
40908	41273	2032	2033	42	183	6	334	0	26	29	32	588	619
41273	41638	2033	2034	42	182	6	334	0	26	29	32	587	619
41638	42003	2034	2035	42	182	6	334	0	26	28	31	587	618
42003	42369	2035	2036	42	182	6	334	0	25	28	31	587	618
42369	42734	2036	2037	42	182	6	334	0	25	28	31	586	617
42734	43099	2037	2038	42	182	6	334	0	25	28	31	586	617
43099	43464	2038	2039	42	181	6	334	0	25	28	31	585	616
43464	43830	2039	2040	42	181	6	334	0	25	28	30	585	616
43830	44195	2040	2041	42	181	6	334	0	25	28	30	585	615
44195	44560	2041	2042	42	181	6	334	0	24	28	30	584	615
44560	44925	2042	2043	42	181	6	334	0	24	28	30	584	614
44925	45291	2043	2044	42	181	6	334	0	24	28	30	584	614
45291	45656	2044	2045	42	180	6	333	0	24	28	30	583	613
45656	46021	2045	2046	42	180	6	333	0	24	28	29	583	613
46021	46386	2046	2047	42	180	6	333	0	24	28	29	583	612
46386	46752	2047	2048	42	180	6	333	0	23	28	29	583	612
46752	47117	2048	2049	42	180	6	333	0	23	28	29	582	611
47117	47482	2049	2050	41	180	6	333	0	23	28	29	582	611
47482	47847	2050	2051	41	179	6	333	0	23	28	29	582	610
47847	48213	2051	2052	41	179	6	333	0	23	28	28	581	610
48213	48578	2052	2053	41	179	6	333	0	23	28	28	581	609
48578	48943	2053	2054	41	179	6	333	0	22	27	28	581	609
48943	49308	2054	2055	41	179	6	333	0	22	27	28	580	608
49308	49674	2055	2056	41	179	6	333	0	22	27	28	580	608
49674	50039	2056	2057	41	178	6	333	0	22	27	28	580	607
50039	50404	2057	2058	41	178	6	333	0	22	27	28	579	607
50404	50769	2058	2059	41	178	6	333	0	22	27	27	579	606
50769	51135	2059	2060	41	178	6	333	0	21	27	27	579	606
51135	51500	2060	2061	41	178	6	332	0	21	27	27	579	606
51500	51865	2061	2062	41	178	6	332	0	21	27	27	578	605
51865	52230	2062	2063	41	178	6	332	0	21	27	27	578	605
52230	52596	2063	2064	41	177	6	332	0	21	27	27	578	604
52596	52961	2064	2065	41	177	6	332	0	21	27	26	577	604
52961	53326	2065	2066	41	177	6	332	0	21	27	26	577	603
53326	53691	2066	2067	41	177	6	332	0	20	27	26	577	603

B-5(S3a). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3a) (flood plain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	41	177	6	332	0	20	27	26	577	603
54057	54422	2068	2069	41	177	6	332	0	20	27	26	576	602
54422	54787	2069	2070	41	177	6	332	0	20	27	26	576	602
54787	55152	2070	2071	41	176	6	332	0	20	27	26	576	601
55152	55518	2071	2072	41	176	6	332	0	20	27	25	575	601
55518	55883	2072	2073	41	176	6	332	0	20	27	25	575	601
55883	56248	2073	2074	41	176	6	332	0	19	27	25	575	600
56248	56613	2074	2075	41	176	6	332	0	19	27	25	575	600
56613	56979	2075	2076	41	176	6	332	0	19	26	25	574	599
56979	57344	2076	2077	41	176	6	332	0	19	26	25	574	599
57344	57709	2077	2078	41	175	6	332	0	19	26	25	574	599
57709	58074	2078	2079	41	175	6	332	0	19	26	24	574	598
58074	58440	2079	2080	40	175	6	331	0	19	26	24	573	598
58440	58805	2080	2081	40	175	6	331	0	18	26	24	573	597
58805	59170	2081	2082	40	175	6	331	0	18	26	24	573	597
59170	59535	2082	2083	40	175	6	331	0	18	26	24	573	597
59535	59901	2083	2084	40	175	6	331	0	18	26	24	572	596
59901	60266	2084	2085	40	174	6	331	0	18	26	24	572	596
60266	60631	2085	2086	40	174	6	331	0	18	26	24	572	596
60631	60996	2086	2087	40	174	6	331	0	18	26	23	572	595
60996	61362	2087	2088	40	174	6	331	0	18	26	23	571	595
61362	61727	2088	2089	40	174	6	331	0	17	26	23	571	594
61727	62092	2089	2090	40	174	6	331	0	17	26	23	571	594
62092	62457	2090	2091	40	174	6	331	0	17	26	23	571	594
62457	62823	2091	2092	40	174	6	331	0	17	26	23	571	593
62823	63188	2092	2093	40	174	6	331	0	17	26	23	570	593
63188	63553	2093	2094	40	173	6	331	0	17	26	23	570	593
63553	63918	2094	2095	40	173	6	331	0	17	26	22	570	592
63918	64284	2095	2096	40	173	6	331	0	17	26	22	570	592
64284	64649	2096	2097	40	173	6	331	0	16	26	22	569	592
64649	65014	2097	2098	40	173	6	331	0	16	26	22	569	591
65014	65379	2098	2099	40	173	6	331	0	16	26	22	569	591
65379	65745	2099	2100	40	173	6	331	0	16	26	22	569	591
65745	66110	2100	2101	40	173	6	331	0	16	26	22	569	590
66110	66475	2101	2102	40	172	6	331	0	16	25	22	568	590
66475	66840	2102	2103	40	172	6	330	0	16	25	21	568	590
66840	67206	2103	2104	40	172	6	330	0	16	25	21	568	589
67206	67571	2104	2105	40	172	6	330	0	15	25	21	568	589
67571	67936	2105	2106	40	172	6	330	0	15	25	21	568	589
67936	68301	2106	2107	40	172	6	330	0	15	25	21	567	588
68301	68667	2107	2108	40	172	6	330	0	15	25	21	567	588
68667	69032	2108	2109	40	172	6	330	0	15	25	21	567	588
69032	69397	2109	2110	40	172	6	330	0	15	25	21	567	588

B-5(S3a). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3a) (flood plain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (t/day)	Total West (t/day)	Salt load (t/day)
0	3652	1920	1930	0.2	1.5	4.0	2.1	3.5	4.5	3.4	12.0	7.1	19.2
3652	7305	1930	1940	0.1	1.3	3.0	7.5	3.0	3.7	3.0	9.7	11.8	21.5
7305	14610	1940	1960	0.1	1.4	3.0	18.7	3.0	3.7	3.0	9.7	23.2	33.0
14610	18263	1960	1970	0.2	3.6	7.0	18.9	4.9	3.7	3.1	15.6	25.7	41.3
18263	21915	1970	1980	0.2	3.9	7.2	18.9	5.0	3.7	3.1	15.9	26.1	42.0
21915	24837	1980	1988	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.2
24837	25202	1988	1989	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
25202	25567	1989	1990	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
25567	25932	1990	1991	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
25932	26298	1991	1992	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
26298	26663	1992	1993	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
26663	27028	1993	1994	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
27028	27393	1994	1995	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
27393	27759	1995	1996	0.2	4.0	7.2	19.2	5.0	3.7	3.1	16.0	26.5	42.5
27759	28124	1996	1997	0.2	4.0	7.2	19.3	5.0	3.7	3.1	16.0	26.7	42.7
28124	28489	1997	1998	0.2	4.0	7.2	19.5	5.0	3.7	3.1	16.0	26.9	42.8
28489	28854	1998	1999	0.2	4.0	7.2	19.7	4.9	3.9	3.2	16.1	27.2	43.2
28854	29220	1999	2000	0.3	3.9	7.0	19.9	4.8	4.0	3.3	15.8	27.3	43.1
29220	29585	2000	2001	0.2	3.6	5.5	19.5	4.1	3.6	2.9	13.2	26.3	39.5
29585	29950	2001	2002	0.2	3.6	5.7	19.9	4.4	4.0	3.3	14.0	27.0	41.0
29950	30315	2002	2003	0.3	3.8	6.8	20.4	4.9	4.6	3.8	16.3	28.3	44.6
30315	30681	2003	2004	0.3	3.9	7.4	20.8	5.3	5.0	4.1	17.7	29.2	46.9
30681	31046	2004	2005	0.3	3.6	5.5	20.4	4.5	4.4	3.7	14.5	28.0	42.5
31046	31411	2005	2006	0.3	3.6	5.6	20.5	4.5	4.5	3.7	14.7	28.1	42.8
31411	31776	2006	2007	0.3	3.6	5.6	20.5	4.5	4.6	3.7	14.7	28.1	42.8
31776	32142	2007	2008	0.3	3.9	7.8	21.4	5.5	5.5	4.4	18.8	30.0	48.8
32142	32507	2008	2009	0.4	4.9	14.1	23.5	8.7	8.3	6.3	31.1	35.1	66.2
32507	32872	2009	2010	0.5	5.5	17.7	25.0	11.3	10.5	7.8	39.4	38.8	78.2
32872	33237	2010	2011	0.5	4.9	12.6	24.2	9.4	8.8	6.8	30.8	36.4	67.2
33237	33603	2011	2012	0.5	4.6	10.3	23.9	8.6	8.0	6.3	26.9	35.2	62.1
33603	33968	2012	2013	0.5	4.4	9.1	23.7	8.0	7.5	6.0	24.7	34.5	59.2
33968	34333	2013	2014	0.5	4.2	8.4	23.6	7.6	7.2	5.8	23.3	34.0	57.3
34333	34698	2014	2015	0.4	4.1	8.0	23.5	7.3	7.0	5.6	22.3	33.7	56.0
34698	35064	2015	2016	0.4	4.0	7.7	23.4	7.1	6.8	5.5	21.6	33.4	55.0
35064	35429	2016	2017	0.4	3.9	7.5	23.4	6.9	6.7	5.4	21.0	33.2	54.2
35429	35794	2017	2018	0.4	3.9	7.3	23.3	6.7	6.6	5.3	20.6	33.0	53.6
35794	36159	2018	2019	0.4	3.8	7.1	23.3	6.6	6.5	5.2	20.2	32.8	53.0
36159	36525	2019	2020	0.4	3.8	7.0	23.3	6.5	6.4	5.2	19.9	32.7	52.6
36525	36890	2020	2021	0.4	3.7	6.9	23.3	6.4	6.3	5.1	19.6	32.6	52.2
36890	37255	2021	2022	0.4	3.7	6.8	23.2	6.3	6.3	5.1	19.4	32.5	51.8
37255	37620	2022	2023	0.4	3.7	6.8	23.2	6.2	6.2	5.0	19.2	32.4	51.5
37620	37986	2023	2024	0.4	3.7	6.7	23.2	6.1	6.1	5.0	19.0	32.3	51.3
37986	38351	2024	2025	0.4	3.6	6.6	23.2	6.1	6.1	5.0	18.8	32.2	51.1

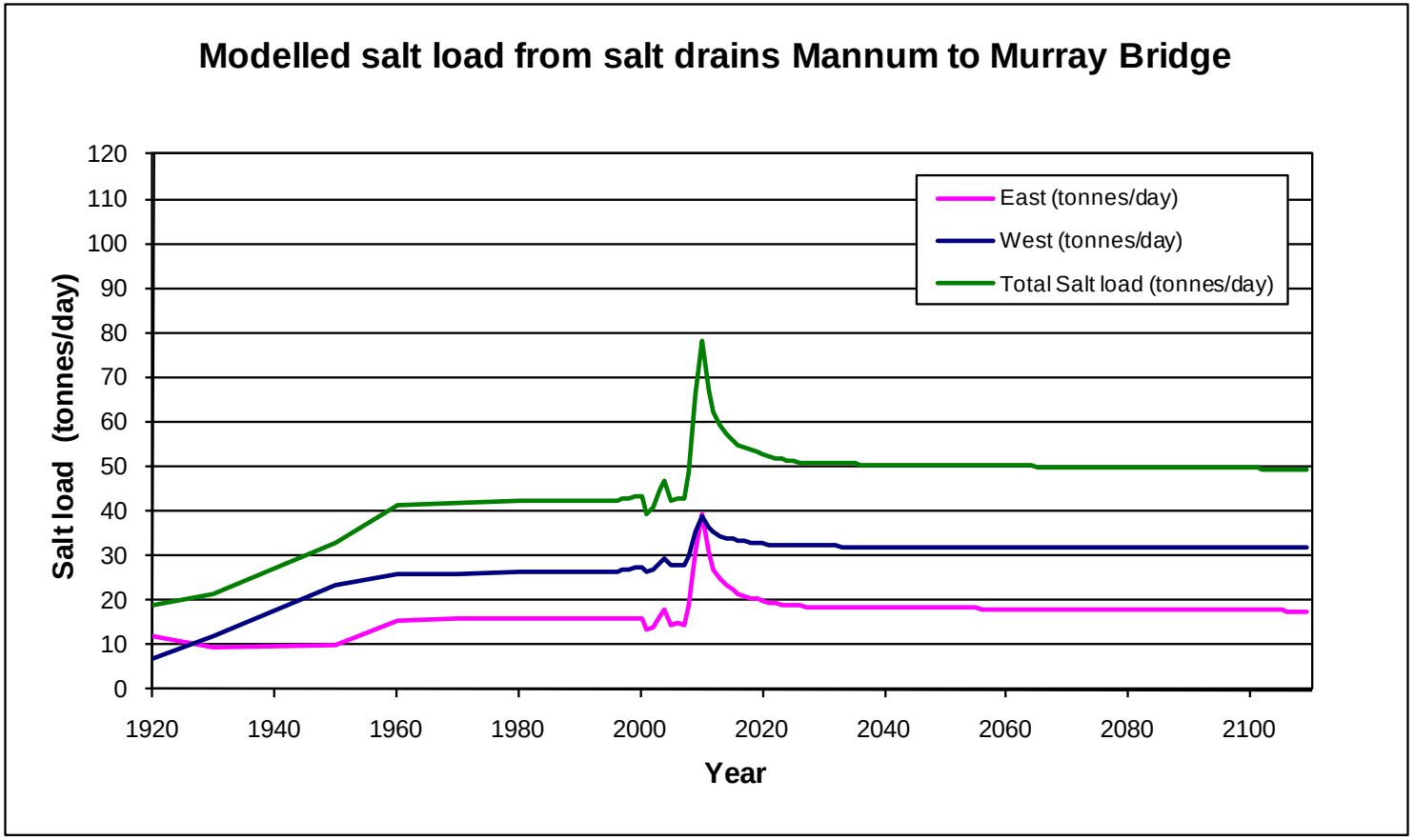
B-5(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3a) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (t/day)	Total West (t/day)	Salt load (t/day)
38351	38716	2025	2026	0.4	3.6	6.6	23.2	6.0	6.1	5.0	18.7	32.2	50.9
38716	39081	2026	2027	0.4	3.6	6.5	23.2	6.0	6.0	4.9	18.6	32.1	50.7
39081	39447	2027	2028	0.4	3.6	6.5	23.2	6.0	6.0	4.9	18.5	32.1	50.7
39447	39812	2028	2029	0.4	3.6	6.5	23.2	6.0	6.0	4.9	18.5	32.1	50.7
39812	40177	2029	2030	0.4	3.6	6.5	23.2	6.0	6.0	4.9	18.5	32.1	50.6
40177	40542	2030	2031	0.4	3.6	6.5	23.2	6.0	6.0	4.9	18.5	32.1	50.6
40542	40908	2031	2032	0.4	3.6	6.5	23.2	5.9	6.0	4.9	18.5	32.1	50.6
40908	41273	2032	2033	0.4	3.6	6.5	23.2	5.9	6.0	4.9	18.5	32.1	50.6
41273	41638	2033	2034	0.4	3.6	6.5	23.2	5.9	6.0	4.9	18.5	32.1	50.6
41638	42003	2034	2035	0.4	3.6	6.5	23.2	5.9	6.0	4.9	18.4	32.1	50.5
42003	42369	2035	2036	0.4	3.6	6.5	23.2	5.9	6.0	4.9	18.4	32.1	50.5
42369	42734	2036	2037	0.4	3.6	6.5	23.2	5.9	6.0	4.9	18.4	32.1	50.5
42734	43099	2037	2038	0.4	3.6	6.5	23.2	5.9	6.0	4.9	18.4	32.1	50.5
43099	43464	2038	2039	0.4	3.6	6.5	23.2	5.9	6.0	4.9	18.4	32.1	50.5
43464	43830	2039	2040	0.4	3.6	6.5	23.2	5.9	6.0	4.9	18.4	32.1	50.5
43830	44195	2040	2041	0.4	3.6	6.5	23.2	5.9	6.0	4.9	18.4	32.1	50.4
44195	44560	2041	2042	0.4	3.6	6.5	23.2	5.9	6.0	4.9	18.3	32.1	50.4
44560	44925	2042	2043	0.4	3.6	6.5	23.2	5.9	6.0	4.9	18.3	32.1	50.4
44925	45291	2043	2044	0.4	3.6	6.5	23.2	5.9	6.0	4.9	18.3	32.1	50.4
45291	45656	2044	2045	0.4	3.6	6.5	23.2	5.9	6.0	4.9	18.3	32.1	50.4
45656	46021	2045	2046	0.4	3.6	6.5	23.2	5.9	6.0	4.9	18.3	32.0	50.3
46021	46386	2046	2047	0.4	3.6	6.5	23.2	5.9	6.0	4.9	18.3	32.0	50.3
46386	46752	2047	2048	0.4	3.6	6.5	23.2	5.9	6.0	4.9	18.3	32.0	50.3
46752	47117	2048	2049	0.4	3.6	6.4	23.2	5.9	6.0	4.9	18.3	32.0	50.3
47117	47482	2049	2050	0.4	3.6	6.4	23.2	5.9	5.9	4.9	18.2	32.0	50.3
47482	47847	2050	2051	0.4	3.6	6.4	23.2	5.8	5.9	4.9	18.2	32.0	50.3
47847	48213	2051	2052	0.4	3.6	6.4	23.2	5.8	5.9	4.9	18.2	32.0	50.2
48213	48578	2052	2053	0.4	3.6	6.4	23.2	5.8	5.9	4.9	18.2	32.0	50.2
48578	48943	2053	2054	0.4	3.6	6.4	23.2	5.8	5.9	4.9	18.2	32.0	50.2
48943	49308	2054	2055	0.4	3.6	6.4	23.2	5.8	5.9	4.9	18.2	32.0	50.2
49308	49674	2055	2056	0.4	3.6	6.4	23.2	5.8	5.9	4.9	18.2	32.0	50.2
49674	50039	2056	2057	0.4	3.6	6.4	23.2	5.8	5.9	4.9	18.2	32.0	50.2
50039	50404	2057	2058	0.4	3.6	6.4	23.1	5.8	5.9	4.9	18.1	32.0	50.1
50404	50769	2058	2059	0.4	3.6	6.4	23.1	5.8	5.9	4.9	18.1	32.0	50.1
50769	51135	2059	2060	0.4	3.6	6.4	23.1	5.8	5.9	4.9	18.1	32.0	50.1
51135	51500	2060	2061	0.4	3.6	6.4	23.1	5.8	5.9	4.9	18.1	32.0	50.1
51500	51865	2061	2062	0.4	3.6	6.4	23.1	5.8	5.9	4.8	18.1	32.0	50.1
51865	52230	2062	2063	0.4	3.6	6.4	23.1	5.8	5.9	4.8	18.1	32.0	50.1
52230	52596	2063	2064	0.4	3.6	6.4	23.1	5.8	5.9	4.8	18.1	32.0	50.0
52596	52961	2064	2065	0.4	3.6	6.4	23.1	5.8	5.9	4.8	18.1	32.0	50.0
52961	53326	2065	2066	0.4	3.5	6.4	23.1	5.8	5.9	4.8	18.1	32.0	50.0
53326	53691	2066	2067	0.4	3.5	6.4	23.1	5.8	5.9	4.8	18.0	32.0	50.0

B-5(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3a) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (t/day)	Total West (t/day)	Salt load (t/day)
53691	54057	2067	2068	0.4	3.5	6.4	23.1	5.8	5.9	4.8	18.0	32.0	50.0
54057	54422	2068	2069	0.4	3.5	6.4	23.1	5.8	5.9	4.8	18.0	31.9	50.0
54422	54787	2069	2070	0.4	3.5	6.4	23.1	5.8	5.9	4.8	18.0	31.9	50.0
54787	55152	2070	2071	0.4	3.5	6.4	23.1	5.8	5.9	4.8	18.0	31.9	49.9
55152	55518	2071	2072	0.4	3.5	6.4	23.1	5.8	5.9	4.8	18.0	31.9	49.9
55518	55883	2072	2073	0.4	3.5	6.4	23.1	5.8	5.9	4.8	18.0	31.9	49.9
55883	56248	2073	2074	0.4	3.5	6.4	23.1	5.7	5.9	4.8	18.0	31.9	49.9
56248	56613	2074	2075	0.4	3.5	6.3	23.1	5.7	5.9	4.8	18.0	31.9	49.9
56613	56979	2075	2076	0.4	3.5	6.3	23.1	5.7	5.9	4.8	18.0	31.9	49.9
56979	57344	2076	2077	0.4	3.5	6.3	23.1	5.7	5.9	4.8	17.9	31.9	49.9
57344	57709	2077	2078	0.4	3.5	6.3	23.1	5.7	5.9	4.8	17.9	31.9	49.8
57709	58074	2078	2079	0.4	3.5	6.3	23.1	5.7	5.9	4.8	17.9	31.9	49.8
58074	58440	2079	2080	0.4	3.5	6.3	23.1	5.7	5.9	4.8	17.9	31.9	49.8
58440	58805	2080	2081	0.4	3.5	6.3	23.1	5.7	5.9	4.8	17.9	31.9	49.8
58805	59170	2081	2082	0.4	3.5	6.3	23.1	5.7	5.9	4.8	17.9	31.9	49.8
59170	59535	2082	2083	0.4	3.5	6.3	23.1	5.7	5.9	4.8	17.9	31.9	49.8
59535	59901	2083	2084	0.4	3.5	6.3	23.1	5.7	5.8	4.8	17.9	31.9	49.8
59901	60266	2084	2085	0.4	3.5	6.3	23.1	5.7	5.8	4.8	17.9	31.9	49.8
60266	60631	2085	2086	0.4	3.5	6.3	23.1	5.7	5.8	4.8	17.9	31.9	49.7
60631	60996	2086	2087	0.4	3.5	6.3	23.1	5.7	5.8	4.8	17.8	31.9	49.7
60996	61362	2087	2088	0.4	3.5	6.3	23.1	5.7	5.8	4.8	17.8	31.9	49.7
61362	61727	2088	2089	0.4	3.5	6.3	23.1	5.7	5.8	4.8	17.8	31.9	49.7
61727	62092	2089	2090	0.4	3.5	6.3	23.1	5.7	5.8	4.8	17.8	31.9	49.7
62092	62457	2090	2091	0.4	3.5	6.3	23.1	5.7	5.8	4.8	17.8	31.9	49.7
62457	62823	2091	2092	0.4	3.5	6.3	23.1	5.7	5.8	4.8	17.8	31.9	49.7
62823	63188	2092	2093	0.4	3.5	6.3	23.1	5.7	5.8	4.8	17.8	31.9	49.6
63188	63553	2093	2094	0.4	3.5	6.3	23.1	5.7	5.8	4.8	17.8	31.9	49.6
63553	63918	2094	2095	0.4	3.5	6.3	23.1	5.7	5.8	4.8	17.8	31.9	49.6
63918	64284	2095	2096	0.4	3.5	6.3	23.1	5.7	5.8	4.8	17.8	31.9	49.6
64284	64649	2096	2097	0.4	3.5	6.3	23.1	5.7	5.8	4.8	17.8	31.8	49.6
64649	65014	2097	2098	0.4	3.5	6.3	23.1	5.7	5.8	4.8	17.7	31.8	49.6
65014	65379	2098	2099	0.4	3.5	6.3	23.1	5.7	5.8	4.8	17.7	31.8	49.6
65379	65745	2099	2100	0.4	3.5	6.3	23.1	5.6	5.8	4.8	17.7	31.8	49.6
65745	66110	2100	2101	0.4	3.5	6.3	23.1	5.6	5.8	4.8	17.7	31.8	49.6
66110	66475	2101	2102	0.4	3.5	6.3	23.1	5.6	5.8	4.8	17.7	31.8	49.5
66475	66840	2102	2103	0.4	3.5	6.3	23.1	5.6	5.8	4.8	17.7	31.8	49.5
66840	67206	2103	2104	0.4	3.5	6.3	23.1	5.6	5.8	4.8	17.7	31.8	49.5
67206	67571	2104	2105	0.4	3.5	6.3	23.1	5.6	5.8	4.8	17.7	31.8	49.5
67571	67936	2105	2106	0.4	3.5	6.2	23.1	5.6	5.8	4.8	17.7	31.8	49.5
67936	68301	2106	2107	0.4	3.5	6.2	23.1	5.6	5.8	4.8	17.7	31.8	49.5
68301	68667	2107	2108	0.4	3.5	6.2	23.1	5.6	5.8	4.8	17.7	31.8	49.5
68667	69032	2108	2109	0.4	3.5	6.2	23.1	5.6	5.8	4.8	17.6	31.8	49.5
69032	69397	2109	2110	0.4	3.5	6.2	23.1	5.6	5.8	4.8	17.6	31.8	49.5
	Salinity (mg/L)			5,000	6,000	10,000	7,000	5,000	7,000	7,000			

B-5(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3a) (highland to salt drains)



B-5(S3a). Graph of modelled salt load (tonnes/day) entering the River Murray in the Mannum to Murray Bridge area (Scenario 3a) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	3652	1920	1930	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
3652	7305	1930	1940	0.0	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.7	0.7
7305	14610	1940	1960	0.0	0.1	0.0	0.9	0.0	0.0	0.0	0.0	1.1	1.1
14610	18263	1960	1970	0.0	0.1	0.0	1.0	0.0	0.0	0.0	0.0	1.2	1.2
18263	21915	1970	1980	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.3	1.3
21915	24837	1980	1988	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
24837	25202	1988	1989	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
25202	25567	1989	1990	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
25567	25932	1990	1991	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
25932	26298	1991	1992	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
26298	26663	1992	1993	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
26663	27028	1993	1994	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
27028	27393	1994	1995	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
27393	27759	1995	1996	0.1	0.2	0.0	1.4	0.0	0.0	0.0	0.0	1.7	1.7
27759	28124	1996	1997	0.1	0.2	0.0	1.6	0.0	0.0	0.0	0.0	1.9	1.9
28124	28489	1997	1998	0.1	0.3	0.0	1.7	0.0	0.0	0.0	0.0	2.0	2.1
28489	28854	1998	1999	0.1	0.3	0.0	1.8	0.0	0.0	0.0	0.0	2.1	2.1
28854	29220	1999	2000	0.1	0.3	0.0	1.9	0.0	0.0	0.0	0.0	2.2	2.2
29220	29585	2000	2001	0.0	0.2	0.0	1.8	0.0	0.0	0.0	0.0	2.0	2.0
29585	29950	2001	2002	0.1	0.6	0.0	2.0	0.0	0.0	0.0	0.0	2.6	2.7
29950	30315	2002	2003	0.1	0.7	0.1	2.2	0.0	0.0	0.1	0.1	3.1	3.1
30315	30681	2003	2004	0.1	0.8	0.1	2.3	0.0	0.0	0.1	0.1	3.4	3.4
30681	31046	2004	2005	0.1	0.7	0.1	2.2	0.0	0.0	0.0	0.1	3.0	3.1
31046	31411	2005	2006	0.1	0.7	0.1	2.2	0.0	0.0	0.0	0.1	3.0	3.1
31411	31776	2006	2007	0.1	0.7	0.1	2.3	0.0	0.0	0.0	0.1	3.0	3.1
31776	32142	2007	2008	0.1	0.9	0.1	2.4	0.0	0.0	0.1	0.1	3.6	3.6
32142	32507	2008	2009	0.4	1.5	0.6	2.8	0.0	1.1	0.5	1.7	5.1	6.8
32507	32872	2009	2010	0.6	2.0	1.4	3.1	0.0	2.2	0.8	3.6	6.4	10.0
32872	33237	2010	2011	0.4	1.7	0.9	2.8	0.0	1.4	0.6	2.3	5.5	7.8
33237	33603	2011	2012	0.4	1.6	0.7	2.6	0.0	1.0	0.5	1.7	5.0	6.7
33603	33968	2012	2013	0.3	1.5	0.5	2.6	0.0	0.8	0.4	1.3	4.8	6.1
33968	34333	2013	2014	0.3	1.4	0.4	2.5	0.0	0.7	0.4	1.1	4.6	5.6
34333	34698	2014	2015	0.3	1.3	0.3	2.5	0.0	0.6	0.3	0.9	4.4	5.3
34698	35064	2015	2016	0.3	1.3	0.2	2.5	0.0	0.5	0.3	0.7	4.3	5.1
35064	35429	2016	2017	0.3	1.3	0.2	2.4	0.0	0.5	0.3	0.6	4.3	4.9
35429	35794	2017	2018	0.3	1.2	0.1	2.4	0.0	0.4	0.3	0.5	4.2	4.7
35794	36159	2018	2019	0.2	1.2	0.1	2.4	0.0	0.4	0.3	0.5	4.1	4.6
36159	36525	2019	2020	0.2	1.2	0.1	2.4	0.0	0.3	0.2	0.4	4.1	4.5
36525	36890	2020	2021	0.2	1.2	0.1	2.4	0.0	0.3	0.2	0.4	4.0	4.4
36890	37255	2021	2022	0.2	1.2	0.1	2.4	0.0	0.3	0.2	0.3	4.0	4.3
37255	37620	2022	2023	0.2	1.1	0.1	2.4	0.0	0.2	0.2	0.3	4.0	4.3
37620	37986	2023	2024	0.2	1.1	0.1	2.4	0.0	0.2	0.2	0.3	3.9	4.2
37986	38351	2024	2025	0.2	1.1	0.1	2.4	0.0	0.2	0.2	0.3	3.9	4.2

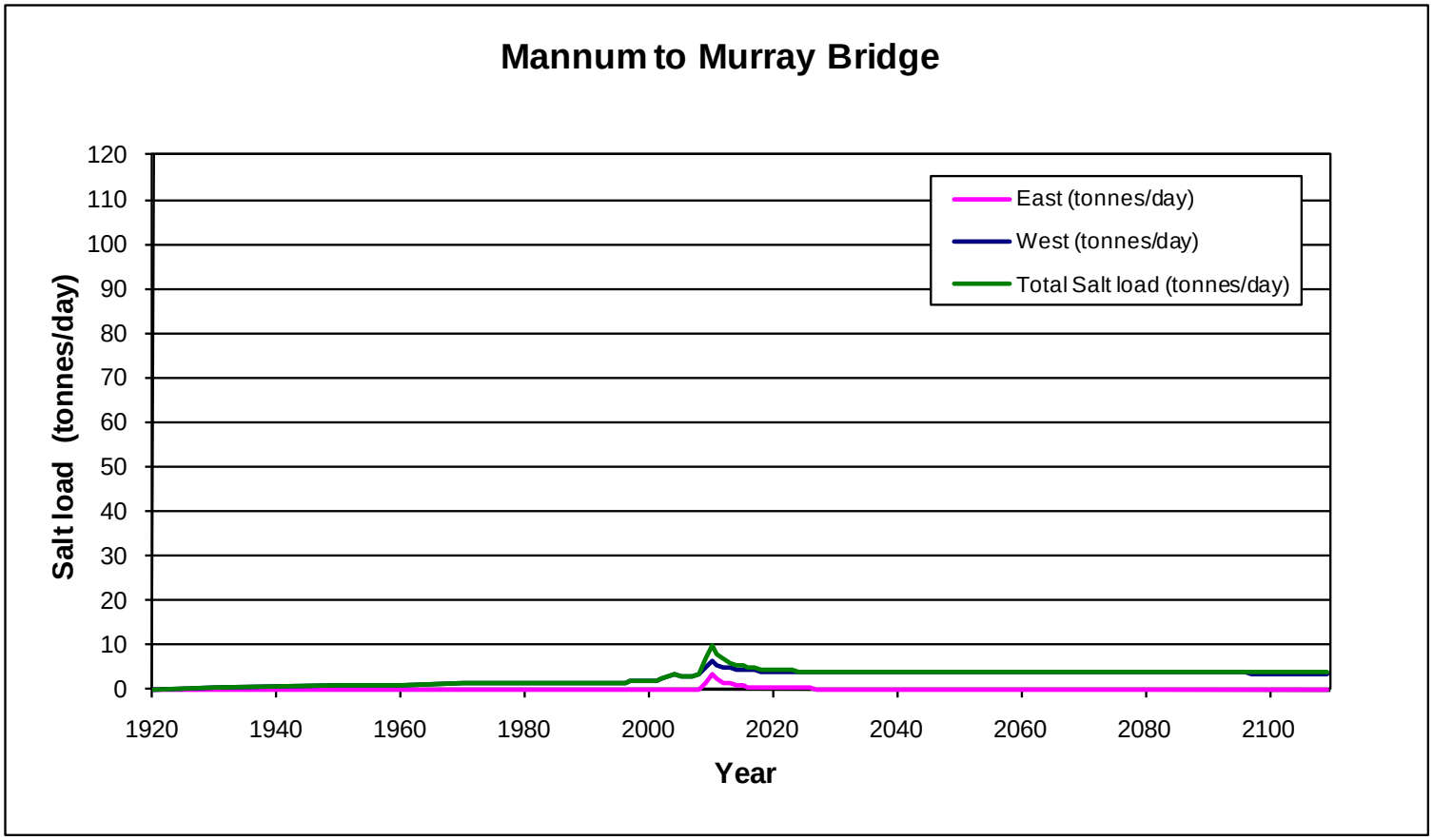
B-5(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3a) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.3	3.9	4.1
38716	39081	2026	2027	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.9	4.1
39081	39447	2027	2028	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.9	4.1
39447	39812	2028	2029	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.9	4.1
39812	40177	2029	2030	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.9	4.1
40177	40542	2030	2031	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.9	4.1
40542	40908	2031	2032	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.1
40908	41273	2032	2033	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.1
41273	41638	2033	2034	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.1
41638	42003	2034	2035	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.1
42003	42369	2035	2036	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.1
42369	42734	2036	2037	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.1
42734	43099	2037	2038	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.1
43099	43464	2038	2039	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.1
43464	43830	2039	2040	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.1
43830	44195	2040	2041	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.1
44195	44560	2041	2042	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.1
44560	44925	2042	2043	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.1
44925	45291	2043	2044	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
45291	45656	2044	2045	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
45656	46021	2045	2046	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
46021	46386	2046	2047	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
46386	46752	2047	2048	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
46752	47117	2048	2049	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
47117	47482	2049	2050	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
47482	47847	2050	2051	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
47847	48213	2051	2052	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
48213	48578	2052	2053	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
48578	48943	2053	2054	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
48943	49308	2054	2055	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
49308	49674	2055	2056	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
49674	50039	2056	2057	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
50039	50404	2057	2058	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
50404	50769	2058	2059	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
50769	51135	2059	2060	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
51135	51500	2060	2061	0.2	1.1	0.1	2.3	0.0	0.1	0.2	0.2	3.8	4.0
51500	51865	2061	2062	0.2	1.1	0.1	2.3	0.0	0.1	0.2	0.2	3.8	4.0
51865	52230	2062	2063	0.2	1.1	0.1	2.3	0.0	0.1	0.2	0.2	3.8	4.0
52230	52596	2063	2064	0.2	1.1	0.1	2.3	0.0	0.1	0.2	0.2	3.8	4.0
52596	52961	2064	2065	0.2	1.1	0.1	2.3	0.0	0.1	0.2	0.2	3.8	4.0
52961	53326	2065	2066	0.2	1.1	0.1	2.3	0.0	0.1	0.2	0.2	3.8	4.0
53326	53691	2066	2067	0.2	1.1	0.1	2.3	0.0	0.1	0.2	0.2	3.8	4.0

B-5(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3a) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	0.2	1.1	0.1	2.3	0.0	0.1	0.2	0.2	3.8	4.0
54057	54422	2068	2069	0.2	1.1	0.1	2.3	0.0	0.1	0.2	0.2	3.8	4.0
54422	54787	2069	2070	0.2	1.1	0.1	2.3	0.0	0.1	0.2	0.2	3.8	4.0
54787	55152	2070	2071	0.2	1.1	0.1	2.3	0.0	0.1	0.2	0.2	3.8	4.0
55152	55518	2071	2072	0.2	1.1	0.1	2.3	0.0	0.1	0.2	0.2	3.8	4.0
55518	55883	2072	2073	0.2	1.1	0.1	2.3	0.0	0.1	0.2	0.2	3.8	4.0
55883	56248	2073	2074	0.2	1.1	0.1	2.3	0.0	0.1	0.2	0.2	3.8	4.0
56248	56613	2074	2075	0.2	1.1	0.1	2.3	0.0	0.1	0.2	0.2	3.8	4.0
56613	56979	2075	2076	0.2	1.1	0.1	2.3	0.0	0.1	0.2	0.2	3.8	4.0
56979	57344	2076	2077	0.2	1.1	0.1	2.3	0.0	0.1	0.2	0.2	3.8	4.0
57344	57709	2077	2078	0.2	1.1	0.1	2.3	0.0	0.1	0.2	0.2	3.8	4.0
57709	58074	2078	2079	0.2	1.1	0.1	2.3	0.0	0.1	0.2	0.2	3.8	3.9
58074	58440	2079	2080	0.2	1.1	0.1	2.3	0.0	0.1	0.2	0.2	3.8	3.9
58440	58805	2080	2081	0.2	1.1	0.1	2.3	0.0	0.1	0.2	0.2	3.8	3.9
58805	59170	2081	2082	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.8	3.9
59170	59535	2082	2083	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.8	3.9
59535	59901	2083	2084	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.8	3.9
59901	60266	2084	2085	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.8	3.9
60266	60631	2085	2086	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
60631	60996	2086	2087	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
60996	61362	2087	2088	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
61362	61727	2088	2089	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
61727	62092	2089	2090	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
62092	62457	2090	2091	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
62457	62823	2091	2092	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
62823	63188	2092	2093	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
63188	63553	2093	2094	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
63553	63918	2094	2095	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
63918	64284	2095	2096	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
64284	64649	2096	2097	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
64649	65014	2097	2098	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
65014	65379	2098	2099	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
65379	65745	2099	2100	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
65745	66110	2100	2101	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
66110	66475	2101	2102	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
66475	66840	2102	2103	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
66840	67206	2103	2104	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
67206	67571	2104	2105	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
67571	67936	2105	2106	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
67936	68301	2106	2107	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
68301	68667	2107	2108	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
68667	69032	2108	2109	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
69032	69397	2109	2110	0.2	1.0	0.1	2.3	0.0	0.1	0.2	0.2	3.7	3.9
	Salinity (mg/L)			5,000	6,000	10,000	7,000	5,000	7,000	7,000			

B-5(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3a) (floodplain to river)



B-5(S3a). Graph of modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3a) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	31	253	400	298	705	646	479	*1751*	*1061*	2812
3652	*7305*	1930	1940	18	215	296	1068	601	528	427	*1425*	*1728*	3153
7305	*14610*	1940	1960	19	237	303	2670	601	529	435	*1433*	*3361*	4793
14610	*18263*	1960	1970	36	603	699	2693	987	530	437	*2216*	*3769*	5985
18263	*21915*	1970	1980	44	650	718	2705	1000	530	439	*2248*	*3838*	6086
21915	*24837*	1980	1988	46	664	723	2711	1004	531	441	*2257*	*3862*	6119
24837	*25202*	1988	1989	47	665	723	2712	1004	531	441	*2257*	*3864*	6121
25202	*25567*	1989	1990	47	666	723	2712	1004	531	441	*2258*	*3865*	6123
25567	*25932*	1990	1991	47	667	723	2713	1004	531	441	*2258*	*3867*	6125
25932	*26298*	1991	1992	47	667	724	2713	1004	531	441	*2259*	*3868*	6127
26298	*26663*	1992	1993	47	668	724	2713	1004	531	441	*2259*	*3869*	6128
26663	*27028*	1993	1994	47	668	724	2713	1004	531	441	*2259*	*3870*	6129
27028	*27393*	1994	1995	47	669	724	2714	1005	531	441	*2259*	*3871*	6130
27393	*27759*	1995	1996	47	670	724	2740	1005	531	441	*2260*	*3899*	6159
27759	*28124*	1996	1997	47	672	725	2764	1005	531	442	*2260*	*3925*	6185
28124	*28489*	1997	1998	48	675	725	2783	1005	531	442	*2261*	*3946*	6207
28489	*28854*	1998	1999	49	671	723	2704	989	555	457	*2268*	*3881*	6148
28854	*29220*	1999	2000	51	652	695	2685	958	576	469	*2229*	*3857*	6086
29220	*29585*	2000	2001	49	598	547	2612	828	512	421	*1888*	*3679*	5567
29585	*29950*	2001	2002	49	601	570	2645	873	568	469	*2010*	*3764*	5774
29950	*30315*	2002	2003	52	635	681	2714	987	657	541	*2325*	*3942*	6267
30315	*30681*	2003	2004	55	657	741	2766	1062	716	587	*2519*	*4065*	6584
30681	*31046*	2004	2005	53	608	554	2701	906	635	524	*2095*	*3885*	5980
31046	*31411*	2005	2006	54	604	562	2709	908	650	531	*2120*	*3899*	6019
31411	*31776*	2006	2007	55	597	557	2713	899	656	533	*2112*	*3898*	6010
31776	*32142*	2007	2008	61	650	777	2827	1102	788	631	*2667*	*4170*	6837
32142	*32507*	2008	2009	82	811	1410	3121	1747	1180	906	*4337*	*4921*	9258
32507	*32872*	2009	2010	102	920	1769	3331	2253	1494	1108	*5517*	*5461*	10977
32872	*33237*	2010	2011	97	818	1261	3208	1887	1250	968	*4398*	*5091*	9489
33237	*33603*	2011	2012	94	764	1031	3157	1711	1143	900	*3884*	*4914*	8799
33603	*33968*	2012	2013	92	728	912	3128	1600	1078	857	*3590*	*4805*	8395
33968	*34333*	2013	2014	91	703	843	3109	1522	1035	827	*3399*	*4729*	8128
34333	*34698*	2014	2015	89	683	799	3096	1463	1002	804	*3264*	*4672*	7937
34698	*35064*	2015	2016	89	668	768	3086	1417	977	786	*3162*	*4628*	7790
35064	*35429*	2016	2017	88	655	746	3078	1379	957	772	*3082*	*4593*	7674
35429	*35794*	2017	2018	88	645	728	3072	1348	940	759	*3016*	*4563*	7579
35794	*36159*	2018	2019	87	636	714	3067	1321	926	749	*2961*	*4539*	7499
36159	*36525*	2019	2020	87	628	702	3063	1297	913	740	*2913*	*4518*	7431
36525	*36890*	2020	2021	87	622	692	3059	1277	903	733	*2872*	*4500*	7372
36890	*37255*	2021	2022	86	616	684	3056	1258	893	726	*2835*	*4484*	7320
37255	*37620*	2022	2023	86	612	677	3053	1244	886	721	*2806*	*4472*	7278
37620	*37986*	2023	2024	86	608	670	3051	1229	879	716	*2778*	*4460*	7238
37986	*38351*	2024	2025	86	605	665	3049	1219	874	712	*2758*	*4452*	7210

B-5(S3b). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3b) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	86	602	661	3048	1208	868	708	2737	4443	7180
38716	39081	2026	2027	86	601	660	3048	1207	868	708	2734	4442	7176
39081	39447	2027	2028	86	598	655	3046	1196	862	704	2713	4434	7147
39447	39812	2028	2029	86	598	655	3046	1195	862	704	2711	4433	7143
39812	40177	2029	2030	86	598	654	3046	1194	861	703	2709	4432	7141
40177	40542	2030	2031	85	597	654	3045	1192	861	703	2707	4431	7138
40542	40908	2031	2032	85	597	653	3045	1191	860	703	2704	4430	7135
40908	41273	2032	2033	85	597	653	3045	1190	859	702	2702	4429	7131
41273	41638	2033	2034	85	596	652	3045	1189	859	702	2700	4428	7128
41638	42003	2034	2035	85	596	652	3045	1188	858	701	2698	4428	7125
42003	42369	2035	2036	85	596	651	3045	1187	858	701	2696	4427	7122
42369	42734	2036	2037	85	595	651	3044	1186	857	701	2694	4426	7119
42734	43099	2037	2038	85	595	650	3044	1185	857	700	2691	4425	7117
43099	43464	2038	2039	85	595	650	3044	1183	856	700	2689	4424	7114
43464	43830	2039	2040	85	595	649	3044	1182	856	700	2687	4423	7111
43830	44195	2040	2041	85	594	649	3044	1181	855	699	2685	4423	7108
44195	44560	2041	2042	85	594	648	3044	1180	855	699	2683	4422	7105
44560	44925	2042	2043	85	594	648	3043	1179	854	699	2681	4421	7102
44925	45291	2043	2044	85	593	648	3043	1178	854	698	2679	4420	7099
45291	45656	2044	2045	85	593	647	3043	1177	853	698	2677	4419	7097
45656	46021	2045	2046	85	593	647	3043	1176	853	698	2675	4419	7094
46021	46386	2046	2047	85	593	646	3043	1175	852	697	2673	4418	7091
46386	46752	2047	2048	85	592	646	3043	1174	852	697	2671	4417	7089
46752	47117	2048	2049	85	592	645	3043	1173	851	697	2669	4416	7086
47117	47482	2049	2050	85	592	645	3042	1172	851	696	2668	4416	7083
47482	47847	2050	2051	85	592	644	3042	1171	850	696	2666	4415	7081
47847	48213	2051	2052	85	591	644	3042	1170	850	696	2664	4414	7078
48213	48578	2052	2053	85	591	644	3042	1169	849	695	2662	4413	7075
48578	48943	2053	2054	85	591	643	3042	1168	849	695	2660	4413	7073
48943	49308	2054	2055	85	590	643	3042	1167	848	695	2658	4412	7070
49308	49674	2055	2056	85	590	642	3042	1166	848	694	2656	4411	7068
49674	50039	2056	2057	85	590	642	3041	1165	847	694	2655	4411	7065
50039	50404	2057	2058	85	590	642	3041	1165	847	694	2653	4410	7063
50404	50769	2058	2059	85	590	641	3041	1164	846	693	2651	4409	7060
50769	51135	2059	2060	85	589	641	3041	1163	846	693	2649	4409	7058
51135	51500	2060	2061	85	589	640	3041	1162	845	693	2648	4408	7055
51500	51865	2061	2062	85	589	640	3041	1161	845	693	2646	4407	7053
51865	52230	2062	2063	85	589	640	3041	1160	845	692	2644	4407	7051
52230	52596	2063	2064	85	588	639	3041	1159	844	692	2642	4406	7048
52596	52961	2064	2065	85	588	639	3040	1158	844	692	2641	4405	7046
52961	53326	2065	2066	85	588	638	3040	1157	843	691	2639	4405	7044
53326	53691	2066	2067	85	588	638	3040	1157	843	691	2637	4404	7041

B-5(S3b). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3b) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	85	587	638	3040	1156	842	691	2636	4403	7039
54057	54422	2068	2069	85	587	637	3040	1155	842	691	2634	4403	7037
54422	54787	2069	2070	85	587	637	3040	1154	841	690	2632	4402	7034
54787	55152	2070	2071	85	587	637	3040	1153	841	690	2631	4401	7032
55152	55518	2071	2072	85	587	636	3039	1152	841	690	2629	4401	7030
55518	55883	2072	2073	85	586	636	3039	1151	840	689	2628	4400	7028
55883	56248	2073	2074	85	586	636	3039	1151	840	689	2626	4400	7025
56248	56613	2074	2075	85	586	635	3039	1150	839	689	2624	4399	7023
56613	56979	2075	2076	85	586	635	3039	1149	839	689	2623	4398	7021
56979	57344	2076	2077	85	585	634	3039	1148	839	688	2621	4398	7019
57344	57709	2077	2078	85	585	634	3039	1147	838	688	2620	4397	7017
57709	58074	2078	2079	85	585	634	3039	1147	838	688	2618	4397	7015
58074	58440	2079	2080	85	585	633	3039	1146	837	688	2617	4396	7013
58440	58805	2080	2081	85	585	633	3038	1145	837	687	2615	4396	7011
58805	59170	2081	2082	85	584	633	3038	1144	837	687	2614	4395	7008
59170	59535	2082	2083	85	584	632	3038	1143	836	687	2612	4394	7007
59535	59901	2083	2084	85	584	632	3038	1143	836	687	2611	4394	7004
59901	60266	2084	2085	85	584	632	3038	1142	835	686	2609	4393	7002
60266	60631	2085	2086	85	584	631	3038	1141	835	686	2608	4393	7000
60631	60996	2086	2087	85	583	631	3038	1140	835	686	2606	4392	6998
60996	61362	2087	2088	85	583	631	3038	1140	834	686	2605	4392	6996
61362	61727	2088	2089	85	583	630	3038	1139	834	685	2603	4391	6994
61727	62092	2089	2090	85	583	630	3037	1138	834	685	2602	4391	6992
62092	62457	2090	2091	85	583	630	3037	1137	833	685	2600	4390	6990
62457	62823	2091	2092	85	583	630	3037	1137	833	685	2599	4390	6989
62823	63188	2092	2093	85	582	629	3037	1136	833	685	2598	4389	6987
63188	63553	2093	2094	85	582	629	3037	1135	832	684	2596	4388	6985
63553	63918	2094	2095	85	582	629	3037	1134	832	684	2595	4388	6983
63918	64284	2095	2096	85	582	628	3037	1134	831	684	2593	4387	6981
64284	64649	2096	2097	85	582	628	3037	1133	831	684	2592	4387	6979
64649	65014	2097	2098	85	581	628	3037	1132	831	683	2591	4386	6977
65014	65379	2098	2099	85	581	627	3037	1132	830	683	2589	4386	6975
65379	65745	2099	2100	85	581	627	3036	1131	830	683	2588	4385	6973
65745	66110	2100	2101	85	581	627	3036	1130	830	683	2587	4385	6972
66110	66475	2101	2102	85	581	627	3036	1130	829	683	2585	4384	6970
66475	66840	2102	2103	85	581	626	3036	1129	829	682	2584	4384	6968
66840	67206	2103	2104	85	580	626	3036	1128	829	682	2583	4383	6966
67206	67571	2104	2105	85	580	626	3036	1127	828	682	2581	4383	6964
67571	67936	2105	2106	85	580	625	3036	1127	828	682	2580	4383	6963
67936	68301	2106	2107	85	580	625	3036	1126	828	681	2579	4382	6961
68301	68667	2107	2108	85	580	625	3036	1125	827	681	2578	4382	6959
68667	69032	2108	2109	85	580	624	3036	1125	827	681	2576	4381	6957
69032	69397	2109	2110	85	580	624	3036	1125	827	681	2576	4381	6957

B-5(S3b). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3b) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	3652	1920	1930	5	18	2	0	0	0	0	2	24	25
3652	7305	1930	1940	6	18	2	78	0	0	0	2	102	104
7305	14610	1940	1960	7	19	2	134	0	0	0	2	160	161
14610	18263	1960	1970	10	23	2	145	0	0	0	2	178	179
18263	21915	1970	1980	13	32	2	150	0	0	0	2	195	197
21915	24837	1980	1988	14	38	2	153	0	0	0	2	205	207
24837	25202	1988	1989	14	38	2	153	0	0	0	2	206	208
25202	25567	1989	1990	14	39	2	154	0	0	0	2	207	208
25567	25932	1990	1991	14	39	2	154	0	0	0	2	207	209
25932	26298	1991	1992	14	39	2	154	0	0	0	2	208	210
26298	26663	1992	1993	15	40	2	154	0	0	0	2	208	210
26663	27028	1993	1994	15	40	2	154	0	0	0	2	209	211
27028	27393	1994	1995	15	40	2	154	0	0	0	2	209	211
27393	27759	1995	1996	15	41	2	195	0	0	0	2	250	252
27759	28124	1996	1997	15	41	2	224	0	0	0	2	280	282
28124	28489	1997	1998	15	42	2	245	0	0	0	2	302	304
28489	28854	1998	1999	15	42	2	257	0	0	0	2	314	316
28854	29220	1999	2000	15	43	2	264	0	0	0	2	322	323
29220	29585	2000	2001	9	26	2	259	0	0	0	2	294	296
29585	29950	2001	2002	10	94	3	282	0	0	4	3	390	394
29950	30315	2002	2003	17	123	5	309	0	0	10	5	459	464
30315	30681	2003	2004	23	141	6	324	0	0	14	6	502	508
30681	31046	2004	2005	14	115	6	310	0	0	5	6	444	450
31046	31411	2005	2006	14	116	6	314	0	0	4	6	448	454
31411	31776	2006	2007	14	114	6	315	0	0	3	6	446	452
31776	32142	2007	2008	28	149	6	339	0	1	14	7	530	537
32142	32507	2008	2009	74	251	64	393	0	151	64	215	783	997
32507	32872	2009	2010	113	332	144	428	0	312	114	456	988	1444
32872	33237	2010	2011	87	283	93	388	0	199	79	293	835	1128
33237	33603	2011	2012	74	259	66	369	0	149	64	215	766	981
33603	33968	2012	2013	66	243	48	359	0	119	56	168	724	892
33968	34333	2013	2014	61	233	36	351	0	99	50	136	694	830
34333	34698	2014	2015	57	225	28	346	0	85	45	113	672	786
34698	35064	2015	2016	54	218	21	342	0	75	42	96	655	751
35064	35429	2016	2017	52	212	17	338	0	66	39	83	641	724
35429	35794	2017	2018	50	208	13	335	0	58	37	72	630	701
35794	36159	2018	2019	49	203	10	333	0	52	35	63	620	683
36159	36525	2019	2020	47	200	8	331	0	47	33	55	612	667
36525	36890	2020	2021	46	197	7	330	0	42	32	49	605	654
36890	37255	2021	2022	45	194	6	328	0	39	31	45	598	643
37255	37620	2022	2023	45	191	6	327	0	35	30	41	593	635
37620	37986	2023	2024	44	189	6	326	0	33	29	38	588	626
37986	38351	2024	2025	44	187	6	325	0	31	29	37	585	621

B-5(S3b). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3b) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	43	185	6	324	0	29	28	35	581	616
38716	39081	2026	2027	43	185	6	324	0	29	28	35	580	615
39081	39447	2027	2028	43	183	6	323	0	27	27	33	577	610
39447	39812	2028	2029	42	183	6	323	0	27	27	33	576	609
39812	40177	2029	2030	42	183	6	323	0	27	27	33	576	608
40177	40542	2030	2031	42	183	6	323	0	27	27	32	576	608
40542	40908	2031	2032	42	183	6	323	0	26	27	32	575	607
40908	41273	2032	2033	42	182	6	323	0	26	27	32	575	607
41273	41638	2033	2034	42	182	6	323	0	26	27	32	574	606
41638	42003	2034	2035	42	182	6	323	0	26	27	32	574	606
42003	42369	2035	2036	42	182	6	323	0	26	27	31	574	605
42369	42734	2036	2037	42	182	6	323	0	26	27	31	573	605
42734	43099	2037	2038	42	181	6	323	0	25	27	31	573	604
43099	43464	2038	2039	42	181	6	322	0	25	27	31	573	603
43464	43830	2039	2040	42	181	6	322	0	25	27	31	572	603
43830	44195	2040	2041	42	181	6	322	0	25	27	31	572	602
44195	44560	2041	2042	42	181	6	322	0	25	27	30	571	602
44560	44925	2042	2043	42	181	6	322	0	24	27	30	571	601
44925	45291	2043	2044	42	180	6	322	0	24	27	30	571	601
45291	45656	2044	2045	42	180	6	322	0	24	26	30	570	600
45656	46021	2045	2046	42	180	6	322	0	24	26	30	570	600
46021	46386	2046	2047	42	180	6	322	0	24	26	29	570	599
46386	46752	2047	2048	42	180	6	322	0	24	26	29	569	599
46752	47117	2048	2049	42	180	6	322	0	23	26	29	569	598
47117	47482	2049	2050	42	179	6	322	0	23	26	29	569	598
47482	47847	2050	2051	42	179	6	322	0	23	26	29	568	597
47847	48213	2051	2052	41	179	6	321	0	23	26	29	568	597
48213	48578	2052	2053	41	179	6	321	0	23	26	29	568	596
48578	48943	2053	2054	41	179	6	321	0	23	26	28	567	596
48943	49308	2054	2055	41	179	6	321	0	22	26	28	567	595
49308	49674	2055	2056	41	178	6	321	0	22	26	28	567	595
49674	50039	2056	2057	41	178	6	321	0	22	26	28	566	594
50039	50404	2057	2058	41	178	6	321	0	22	26	28	566	594
50404	50769	2058	2059	41	178	6	321	0	22	26	28	566	593
50769	51135	2059	2060	41	178	6	321	0	22	26	27	566	593
51135	51500	2060	2061	41	178	6	321	0	22	26	27	565	592
51500	51865	2061	2062	41	177	6	321	0	21	26	27	565	592
51865	52230	2062	2063	41	177	6	321	0	21	26	27	565	592
52230	52596	2063	2064	41	177	6	321	0	21	25	27	564	591
52596	52961	2064	2065	41	177	6	321	0	21	25	27	564	591
52961	53326	2065	2066	41	177	6	321	0	21	25	27	564	590
53326	53691	2066	2067	41	177	6	321	0	21	25	26	563	590

B-5(S3b). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3b) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	41	177	6	320	0	20	25	26	563	589
54057	54422	2068	2069	41	176	6	320	0	20	25	26	563	589
54422	54787	2069	2070	41	176	6	320	0	20	25	26	563	589
54787	55152	2070	2071	41	176	6	320	0	20	25	26	562	588
55152	55518	2071	2072	41	176	6	320	0	20	25	26	562	588
55518	55883	2072	2073	41	176	6	320	0	20	25	26	562	587
55883	56248	2073	2074	41	176	6	320	0	20	25	25	561	587
56248	56613	2074	2075	41	176	6	320	0	19	25	25	561	586
56613	56979	2075	2076	41	175	6	320	0	19	25	25	561	586
56979	57344	2076	2077	41	175	6	320	0	19	25	25	561	586
57344	57709	2077	2078	41	175	6	320	0	19	25	25	560	585
57709	58074	2078	2079	41	175	6	320	0	19	25	25	560	585
58074	58440	2079	2080	41	175	6	320	0	19	25	25	560	584
58440	58805	2080	2081	40	175	6	320	0	19	25	24	560	584
58805	59170	2081	2082	40	175	6	320	0	19	25	24	559	584
59170	59535	2082	2083	40	174	6	320	0	18	25	24	559	583
59535	59901	2083	2084	40	174	6	320	0	18	25	24	559	583
59901	60266	2084	2085	40	174	6	319	0	18	25	24	558	582
60266	60631	2085	2086	40	174	6	319	0	18	24	24	558	582
60631	60996	2086	2087	40	174	6	319	0	18	24	24	558	582
60996	61362	2087	2088	40	174	6	319	0	18	24	23	558	581
61362	61727	2088	2089	40	174	6	319	0	18	24	23	557	581
61727	62092	2089	2090	40	173	6	319	0	17	24	23	557	580
62092	62457	2090	2091	40	173	6	319	0	17	24	23	557	580
62457	62823	2091	2092	40	173	6	319	0	17	24	23	557	580
62823	63188	2092	2093	40	173	6	319	0	17	24	23	557	579
63188	63553	2093	2094	40	173	6	319	0	17	24	23	556	579
63553	63918	2094	2095	40	173	6	319	0	17	24	23	556	579
63918	64284	2095	2096	40	173	6	319	0	17	24	22	556	578
64284	64649	2096	2097	40	173	6	319	0	17	24	22	556	578
64649	65014	2097	2098	40	173	6	319	0	16	24	22	555	578
65014	65379	2098	2099	40	172	6	319	0	16	24	22	555	577
65379	65745	2099	2100	40	172	6	319	0	16	24	22	555	577
65745	66110	2100	2101	40	172	6	319	0	16	24	22	555	577
66110	66475	2101	2102	40	172	6	319	0	16	24	22	554	576
66475	66840	2102	2103	40	172	6	319	0	16	24	22	554	576
66840	67206	2103	2104	40	172	6	319	0	16	24	22	554	576
67206	67571	2104	2105	40	172	6	318	0	16	24	21	554	575
67571	67936	2105	2106	40	172	6	318	0	16	24	21	554	575
67936	68301	2106	2107	40	171	6	318	0	15	24	21	553	575
68301	68667	2107	2108	40	171	6	318	0	15	24	21	553	574
68667	69032	2108	2109	40	171	6	318	0	15	24	21	553	574
69032	69397	2109	2110	40	171	6	318	0	15	24	21	553	574

B-5(S3b). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3b) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (t/day)	Total West (t/day)	Salt load (t/day)
0	*3652*	1920	1930	0.2	1.5	4.0	2.1	3.5	4.5	3.4	***12.0***	***7.1***	19.2
3652	*7305*	1930	1940	0.1	1.3	3.0	7.5	3.0	3.7	3.0	***9.7***	***11.8***	21.5
7305	*14610*	1940	1960	0.1	1.4	3.0	18.7	3.0	3.7	3.0	***9.7***	***23.2***	33.0
14610	*18263*	1960	1970	0.2	3.6	7.0	18.9	4.9	3.7	3.1	***15.6***	***25.7***	41.3
18263	*21915*	1970	1980	0.2	3.9	7.2	18.9	5.0	3.7	3.1	***15.9***	***26.1***	42.0
21915	*24837*	1980	1988	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.2
24837	*25202*	1988	1989	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.3
25202	*25567*	1989	1990	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.3
25567	*25932*	1990	1991	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.3
25932	*26298*	1991	1992	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.3
26298	*26663*	1992	1993	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.3
26663	*27028*	1993	1994	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.3
27028	*27393*	1994	1995	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.3
27393	*27759*	1995	1996	0.2	4.0	7.2	19.2	5.0	3.7	3.1	***16.0***	***26.5***	42.5
27759	*28124*	1996	1997	0.2	4.0	7.2	19.3	5.0	3.7	3.1	***16.0***	***26.7***	42.7
28124	*28489*	1997	1998	0.2	4.0	7.2	19.5	5.0	3.7	3.1	***16.0***	***26.9***	42.8
28489	*28854*	1998	1999	0.2	4.0	7.2	18.9	4.9	3.9	3.2	***16.1***	***26.4***	42.5
28854	*29220*	1999	2000	0.3	3.9	7.0	18.8	4.8	4.0	3.3	***15.8***	***26.2***	42.0
29220	*29585*	2000	2001	0.2	3.6	5.5	18.3	4.1	3.6	2.9	***13.2***	***25.1***	38.3
29585	*29950*	2001	2002	0.2	3.6	5.7	18.5	4.4	4.0	3.3	***14.0***	***25.6***	39.7
29950	*30315*	2002	2003	0.3	3.8	6.8	19.0	4.9	4.6	3.8	***16.3***	***26.9***	43.2
30315	*30681*	2003	2004	0.3	3.9	7.4	19.4	5.3	5.0	4.1	***17.7***	***27.7***	45.4
30681	*31046*	2004	2005	0.3	3.6	5.5	18.9	4.5	4.4	3.7	***14.5***	***26.5***	41.0
31046	*31411*	2005	2006	0.3	3.6	5.6	19.0	4.5	4.5	3.7	***14.7***	***26.6***	41.3
31411	*31776*	2006	2007	0.3	3.6	5.6	19.0	4.5	4.6	3.7	***14.7***	***26.6***	41.2
31776	*32142*	2007	2008	0.3	3.9	7.8	19.8	5.5	5.5	4.4	***18.8***	***28.4***	47.2
32142	*32507*	2008	2009	0.4	4.9	14.1	21.8	8.7	8.3	6.3	***31.1***	***33.5***	64.6
32507	*32872*	2009	2010	0.5	5.5	17.7	23.3	11.3	10.5	7.8	***39.4***	***37.1***	76.5
32872	*33237*	2010	2011	0.5	4.9	12.6	22.5	9.4	8.8	6.8	***30.8***	***34.6***	65.4
33237	*33603*	2011	2012	0.5	4.6	10.3	22.1	8.6	8.0	6.3	***26.9***	***33.4***	60.3
33603	*33968*	2012	2013	0.5	4.4	9.1	21.9	8.0	7.5	6.0	***24.7***	***32.7***	57.4
33968	*34333*	2013	2014	0.5	4.2	8.4	21.8	7.6	7.2	5.8	***23.3***	***32.2***	55.5
34333	*34698*	2014	2015	0.4	4.1	8.0	21.7	7.3	7.0	5.6	***22.3***	***31.8***	54.2
34698	*35064*	2015	2016	0.4	4.0	7.7	21.6	7.1	6.8	5.5	***21.6***	***31.6***	53.2
35064	*35429*	2016	2017	0.4	3.9	7.5	21.5	6.9	6.7	5.4	***21.1***	***31.3***	52.4
35429	*35794*	2017	2018	0.4	3.9	7.3	21.5	6.7	6.6	5.3	***20.6***	***31.1***	51.7
35794	*36159*	2018	2019	0.4	3.8	7.1	21.5	6.6	6.5	5.2	***20.2***	***31.0***	51.2
36159	*36525*	2019	2020	0.4	3.8	7.0	21.4	6.5	6.4	5.2	***19.9***	***30.8***	50.7
36525	*36890*	2020	2021	0.4	3.7	6.9	21.4	6.4	6.3	5.1	***19.6***	***30.7***	50.3
36890	*37255*	2021	2022	0.4	3.7	6.8	21.4	6.3	6.3	5.1	***19.4***	***30.6***	50.0
37255	*37620*	2022	2023	0.4	3.7	6.8	21.4	6.2	6.2	5.0	***19.2***	***30.5***	49.7
37620	*37986*	2023	2024	0.4	3.6	6.7	21.4	6.1	6.2	5.0	***19.0***	***30.4***	49.4
37986	*38351*	2024	2025	0.4	3.6	6.7	21.3	6.1	6.1	5.0	***18.9***	***30.4***	49.3

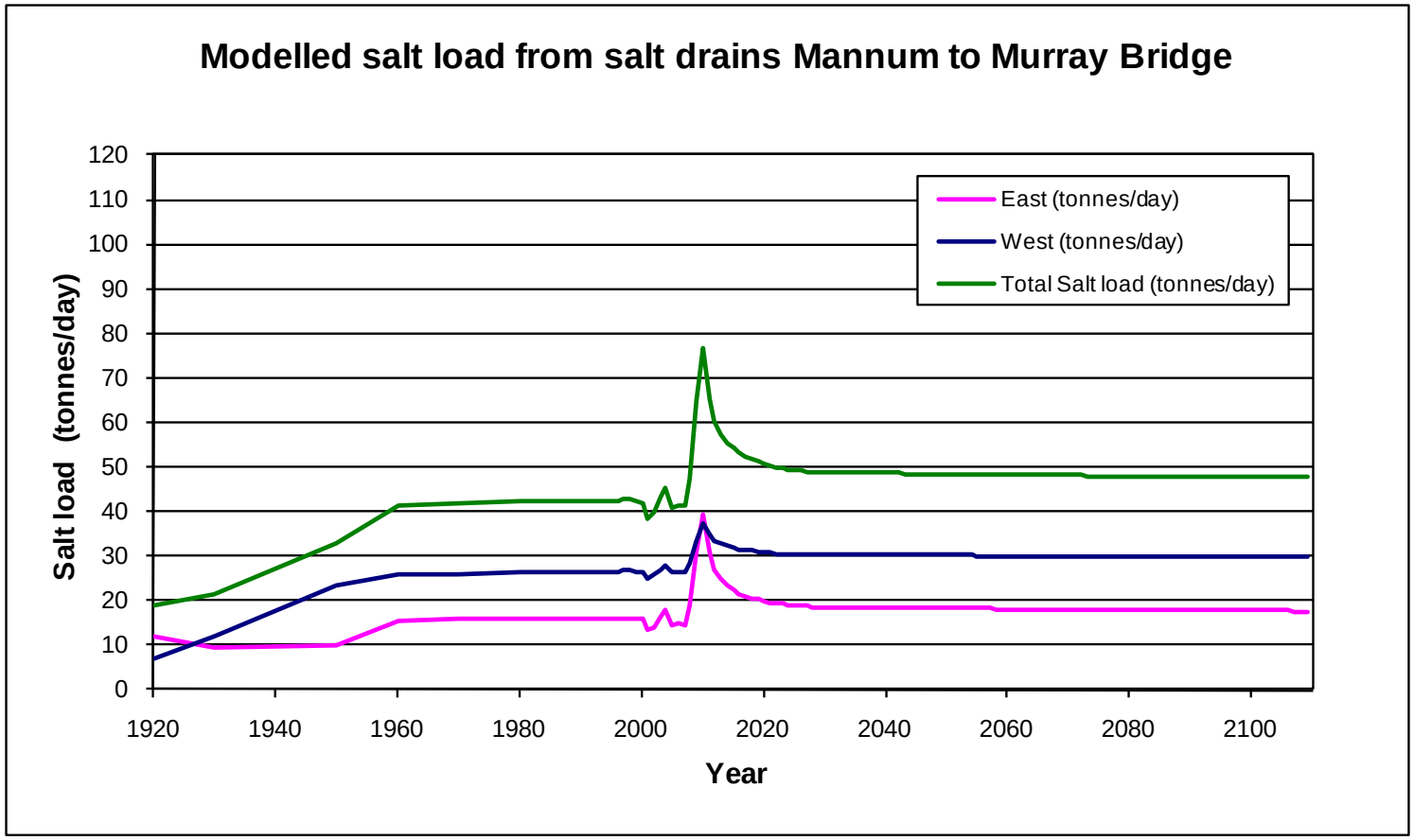
B-5(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3b) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (t/day)	Total West (t/day)	Salt load (t/day)
38351	38716	2025	2026	0.4	3.6	6.6	21.3	6.0	6.1	5.0	18.7	30.3	49.1
38716	39081	2026	2027	0.4	3.6	6.6	21.3	6.0	6.1	5.0	18.7	30.3	49.0
39081	39447	2027	2028	0.4	3.6	6.6	21.3	6.0	6.0	4.9	18.6	30.3	48.8
39447	39812	2028	2029	0.4	3.6	6.5	21.3	6.0	6.0	4.9	18.6	30.3	48.8
39812	40177	2029	2030	0.4	3.6	6.5	21.3	6.0	6.0	4.9	18.5	30.3	48.8
40177	40542	2030	2031	0.4	3.6	6.5	21.3	6.0	6.0	4.9	18.5	30.2	48.8
40542	40908	2031	2032	0.4	3.6	6.5	21.3	6.0	6.0	4.9	18.5	30.2	48.8
40908	41273	2032	2033	0.4	3.6	6.5	21.3	6.0	6.0	4.9	18.5	30.2	48.7
41273	41638	2033	2034	0.4	3.6	6.5	21.3	5.9	6.0	4.9	18.5	30.2	48.7
41638	42003	2034	2035	0.4	3.6	6.5	21.3	5.9	6.0	4.9	18.5	30.2	48.7
42003	42369	2035	2036	0.4	3.6	6.5	21.3	5.9	6.0	4.9	18.4	30.2	48.7
42369	42734	2036	2037	0.4	3.6	6.5	21.3	5.9	6.0	4.9	18.4	30.2	48.7
42734	43099	2037	2038	0.4	3.6	6.5	21.3	5.9	6.0	4.9	18.4	30.2	48.6
43099	43464	2038	2039	0.4	3.6	6.5	21.3	5.9	6.0	4.9	18.4	30.2	48.6
43464	43830	2039	2040	0.4	3.6	6.5	21.3	5.9	6.0	4.9	18.4	30.2	48.6
43830	44195	2040	2041	0.4	3.6	6.5	21.3	5.9	6.0	4.9	18.4	30.2	48.6
44195	44560	2041	2042	0.4	3.6	6.5	21.3	5.9	6.0	4.9	18.4	30.2	48.6
44560	44925	2042	2043	0.4	3.6	6.5	21.3	5.9	6.0	4.9	18.4	30.2	48.5
44925	45291	2043	2044	0.4	3.6	6.5	21.3	5.9	6.0	4.9	18.3	30.2	48.5
45291	45656	2044	2045	0.4	3.6	6.5	21.3	5.9	6.0	4.9	18.3	30.2	48.5
45656	46021	2045	2046	0.4	3.6	6.5	21.3	5.9	6.0	4.9	18.3	30.2	48.5
46021	46386	2046	2047	0.4	3.6	6.5	21.3	5.9	6.0	4.9	18.3	30.2	48.5
46386	46752	2047	2048	0.4	3.6	6.5	21.3	5.9	6.0	4.9	18.3	30.2	48.4
46752	47117	2048	2049	0.4	3.6	6.5	21.3	5.9	6.0	4.9	18.3	30.2	48.4
47117	47482	2049	2050	0.4	3.6	6.4	21.3	5.9	6.0	4.9	18.3	30.1	48.4
47482	47847	2050	2051	0.4	3.5	6.4	21.3	5.9	6.0	4.9	18.3	30.1	48.4
47847	48213	2051	2052	0.4	3.5	6.4	21.3	5.9	5.9	4.9	18.2	30.1	48.4
48213	48578	2052	2053	0.4	3.5	6.4	21.3	5.8	5.9	4.9	18.2	30.1	48.4
48578	48943	2053	2054	0.4	3.5	6.4	21.3	5.8	5.9	4.9	18.2	30.1	48.3
48943	49308	2054	2055	0.4	3.5	6.4	21.3	5.8	5.9	4.9	18.2	30.1	48.3
49308	49674	2055	2056	0.4	3.5	6.4	21.3	5.8	5.9	4.9	18.2	30.1	48.3
49674	50039	2056	2057	0.4	3.5	6.4	21.3	5.8	5.9	4.9	18.2	30.1	48.3
50039	50404	2057	2058	0.4	3.5	6.4	21.3	5.8	5.9	4.9	18.2	30.1	48.3
50404	50769	2058	2059	0.4	3.5	6.4	21.3	5.8	5.9	4.9	18.2	30.1	48.3
50769	51135	2059	2060	0.4	3.5	6.4	21.3	5.8	5.9	4.9	18.1	30.1	48.2
51135	51500	2060	2061	0.4	3.5	6.4	21.3	5.8	5.9	4.8	18.1	30.1	48.2
51500	51865	2061	2062	0.4	3.5	6.4	21.3	5.8	5.9	4.8	18.1	30.1	48.2
51865	52230	2062	2063	0.4	3.5	6.4	21.3	5.8	5.9	4.8	18.1	30.1	48.2
52230	52596	2063	2064	0.4	3.5	6.4	21.3	5.8	5.9	4.8	18.1	30.1	48.2
52596	52961	2064	2065	0.4	3.5	6.4	21.3	5.8	5.9	4.8	18.1	30.1	48.2
52961	53326	2065	2066	0.4	3.5	6.4	21.3	5.8	5.9	4.8	18.1	30.1	48.1
53326	53691	2066	2067	0.4	3.5	6.4	21.3	5.8	5.9	4.8	18.1	30.1	48.1

B-5(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3b) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (t/day)	Total West (t/day)	Salt load (t/day)
53691	54057	2067	2068	0.4	3.5	6.4	21.3	5.8	5.9	4.8	18.1	30.1	48.1
54057	54422	2068	2069	0.4	3.5	6.4	21.3	5.8	5.9	4.8	18.0	30.1	48.1
54422	54787	2069	2070	0.4	3.5	6.4	21.3	5.8	5.9	4.8	18.0	30.1	48.1
54787	55152	2070	2071	0.4	3.5	6.4	21.3	5.8	5.9	4.8	18.0	30.1	48.1
55152	55518	2071	2072	0.4	3.5	6.4	21.3	5.8	5.9	4.8	18.0	30.0	48.1
55518	55883	2072	2073	0.4	3.5	6.4	21.3	5.8	5.9	4.8	18.0	30.0	48.0
55883	56248	2073	2074	0.4	3.5	6.4	21.3	5.8	5.9	4.8	18.0	30.0	48.0
56248	56613	2074	2075	0.4	3.5	6.4	21.3	5.7	5.9	4.8	18.0	30.0	48.0
56613	56979	2075	2076	0.4	3.5	6.3	21.3	5.7	5.9	4.8	18.0	30.0	48.0
56979	57344	2076	2077	0.4	3.5	6.3	21.3	5.7	5.9	4.8	18.0	30.0	48.0
57344	57709	2077	2078	0.4	3.5	6.3	21.3	5.7	5.9	4.8	17.9	30.0	48.0
57709	58074	2078	2079	0.4	3.5	6.3	21.3	5.7	5.9	4.8	17.9	30.0	48.0
58074	58440	2079	2080	0.4	3.5	6.3	21.3	5.7	5.9	4.8	17.9	30.0	47.9
58440	58805	2080	2081	0.4	3.5	6.3	21.3	5.7	5.9	4.8	17.9	30.0	47.9
58805	59170	2081	2082	0.4	3.5	6.3	21.3	5.7	5.9	4.8	17.9	30.0	47.9
59170	59535	2082	2083	0.4	3.5	6.3	21.3	5.7	5.9	4.8	17.9	30.0	47.9
59535	59901	2083	2084	0.4	3.5	6.3	21.3	5.7	5.9	4.8	17.9	30.0	47.9
59901	60266	2084	2085	0.4	3.5	6.3	21.3	5.7	5.8	4.8	17.9	30.0	47.9
60266	60631	2085	2086	0.4	3.5	6.3	21.3	5.7	5.8	4.8	17.9	30.0	47.9
60631	60996	2086	2087	0.4	3.5	6.3	21.3	5.7	5.8	4.8	17.9	30.0	47.8
60996	61362	2087	2088	0.4	3.5	6.3	21.3	5.7	5.8	4.8	17.8	30.0	47.8
61362	61727	2088	2089	0.4	3.5	6.3	21.3	5.7	5.8	4.8	17.8	30.0	47.8
61727	62092	2089	2090	0.4	3.5	6.3	21.3	5.7	5.8	4.8	17.8	30.0	47.8
62092	62457	2090	2091	0.4	3.5	6.3	21.3	5.7	5.8	4.8	17.8	30.0	47.8
62457	62823	2091	2092	0.4	3.5	6.3	21.3	5.7	5.8	4.8	17.8	30.0	47.8
62823	63188	2092	2093	0.4	3.5	6.3	21.3	5.7	5.8	4.8	17.8	30.0	47.8
63188	63553	2093	2094	0.4	3.5	6.3	21.3	5.7	5.8	4.8	17.8	30.0	47.8
63553	63918	2094	2095	0.4	3.5	6.3	21.3	5.7	5.8	4.8	17.8	30.0	47.7
63918	64284	2095	2096	0.4	3.5	6.3	21.3	5.7	5.8	4.8	17.8	30.0	47.7
64284	64649	2096	2097	0.4	3.5	6.3	21.3	5.7	5.8	4.8	17.8	30.0	47.7
64649	65014	2097	2098	0.4	3.5	6.3	21.3	5.7	5.8	4.8	17.8	30.0	47.7
65014	65379	2098	2099	0.4	3.5	6.3	21.3	5.7	5.8	4.8	17.7	30.0	47.7
65379	65745	2099	2100	0.4	3.5	6.3	21.3	5.7	5.8	4.8	17.7	29.9	47.7
65745	66110	2100	2101	0.4	3.5	6.3	21.3	5.7	5.8	4.8	17.7	29.9	47.7
66110	66475	2101	2102	0.4	3.5	6.3	21.3	5.6	5.8	4.8	17.7	29.9	47.7
66475	66840	2102	2103	0.4	3.5	6.3	21.3	5.6	5.8	4.8	17.7	29.9	47.6
66840	67206	2103	2104	0.4	3.5	6.3	21.3	5.6	5.8	4.8	17.7	29.9	47.6
67206	67571	2104	2105	0.4	3.5	6.3	21.3	5.6	5.8	4.8	17.7	29.9	47.6
67571	67936	2105	2106	0.4	3.5	6.3	21.3	5.6	5.8	4.8	17.7	29.9	47.6
67936	68301	2106	2107	0.4	3.5	6.3	21.2	5.6	5.8	4.8	17.7	29.9	47.6
68301	68667	2107	2108	0.4	3.5	6.2	21.2	5.6	5.8	4.8	17.7	29.9	47.6
68667	69032	2108	2109	0.4	3.5	6.2	21.2	5.6	5.8	4.8	17.7	29.9	47.6
69032	69397	2109	2110	0.4	3.5	6.2	21.2	5.6	5.8	4.8	17.7	29.9	47.6
	Salinity (mg/L)			5,000	6,000	10,000	7,000	5,000	7,000	7,000			

B-5(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3b) (highland to salt drains)



B-5(S3b). Graph of modelled salt load (tonnes/day) entering the River Murray in the Mannum to Murray Bridge area (Scenario 3b) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	3652	1920	1930	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
3652	7305	1930	1940	0.0	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.7	0.7
7305	14610	1940	1960	0.0	0.1	0.0	0.9	0.0	0.0	0.0	0.0	1.1	1.1
14610	18263	1960	1970	0.0	0.1	0.0	1.0	0.0	0.0	0.0	0.0	1.2	1.2
18263	21915	1970	1980	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.3	1.3
21915	24837	1980	1988	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
24837	25202	1988	1989	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
25202	25567	1989	1990	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
25567	25932	1990	1991	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
25932	26298	1991	1992	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
26298	26663	1992	1993	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
26663	27028	1993	1994	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
27028	27393	1994	1995	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
27393	27759	1995	1996	0.1	0.2	0.0	1.4	0.0	0.0	0.0	0.0	1.7	1.7
27759	28124	1996	1997	0.1	0.2	0.0	1.6	0.0	0.0	0.0	0.0	1.9	1.9
28124	28489	1997	1998	0.1	0.3	0.0	1.7	0.0	0.0	0.0	0.0	2.0	2.1
28489	28854	1998	1999	0.1	0.3	0.0	1.8	0.0	0.0	0.0	0.0	2.1	2.1
28854	29220	1999	2000	0.1	0.3	0.0	1.8	0.0	0.0	0.0	0.0	2.2	2.2
29220	29585	2000	2001	0.0	0.2	0.0	1.8	0.0	0.0	0.0	0.0	2.0	2.0
29585	29950	2001	2002	0.1	0.6	0.0	2.0	0.0	0.0	0.0	0.0	2.6	2.7
29950	30315	2002	2003	0.1	0.7	0.1	2.2	0.0	0.0	0.1	0.1	3.1	3.1
30315	30681	2003	2004	0.1	0.8	0.1	2.3	0.0	0.0	0.1	0.1	3.3	3.4
30681	31046	2004	2005	0.1	0.7	0.1	2.2	0.0	0.0	0.0	0.1	3.0	3.0
31046	31411	2005	2006	0.1	0.7	0.1	2.2	0.0	0.0	0.0	0.1	3.0	3.1
31411	31776	2006	2007	0.1	0.7	0.1	2.2	0.0	0.0	0.0	0.1	3.0	3.0
31776	32142	2007	2008	0.1	0.9	0.1	2.4	0.0	0.0	0.1	0.1	3.5	3.6
32142	32507	2008	2009	0.4	1.5	0.6	2.8	0.0	1.1	0.4	1.7	5.1	6.8
32507	32872	2009	2010	0.6	2.0	1.4	3.0	0.0	2.2	0.8	3.6	6.4	10.0
32872	33237	2010	2011	0.4	1.7	0.9	2.7	0.0	1.4	0.5	2.3	5.4	7.7
33237	33603	2011	2012	0.4	1.6	0.7	2.6	0.0	1.0	0.5	1.7	5.0	6.7
33603	33968	2012	2013	0.3	1.5	0.5	2.5	0.0	0.8	0.4	1.3	4.7	6.0
33968	34333	2013	2014	0.3	1.4	0.4	2.5	0.0	0.7	0.3	1.1	4.5	5.6
34333	34698	2014	2015	0.3	1.3	0.3	2.4	0.0	0.6	0.3	0.9	4.4	5.2
34698	35064	2015	2016	0.3	1.3	0.2	2.4	0.0	0.5	0.3	0.7	4.3	5.0
35064	35429	2016	2017	0.3	1.3	0.2	2.4	0.0	0.5	0.3	0.6	4.2	4.8
35429	35794	2017	2018	0.3	1.2	0.1	2.3	0.0	0.4	0.3	0.5	4.1	4.6
35794	36159	2018	2019	0.2	1.2	0.1	2.3	0.0	0.4	0.2	0.5	4.0	4.5
36159	36525	2019	2020	0.2	1.2	0.1	2.3	0.0	0.3	0.2	0.4	4.0	4.4
36525	36890	2020	2021	0.2	1.2	0.1	2.3	0.0	0.3	0.2	0.4	3.9	4.3
36890	37255	2021	2022	0.2	1.2	0.1	2.3	0.0	0.3	0.2	0.3	3.9	4.2
37255	37620	2022	2023	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.3	3.9	4.2
37620	37986	2023	2024	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.3	3.8	4.1
37986	38351	2024	2025	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.3	3.8	4.1

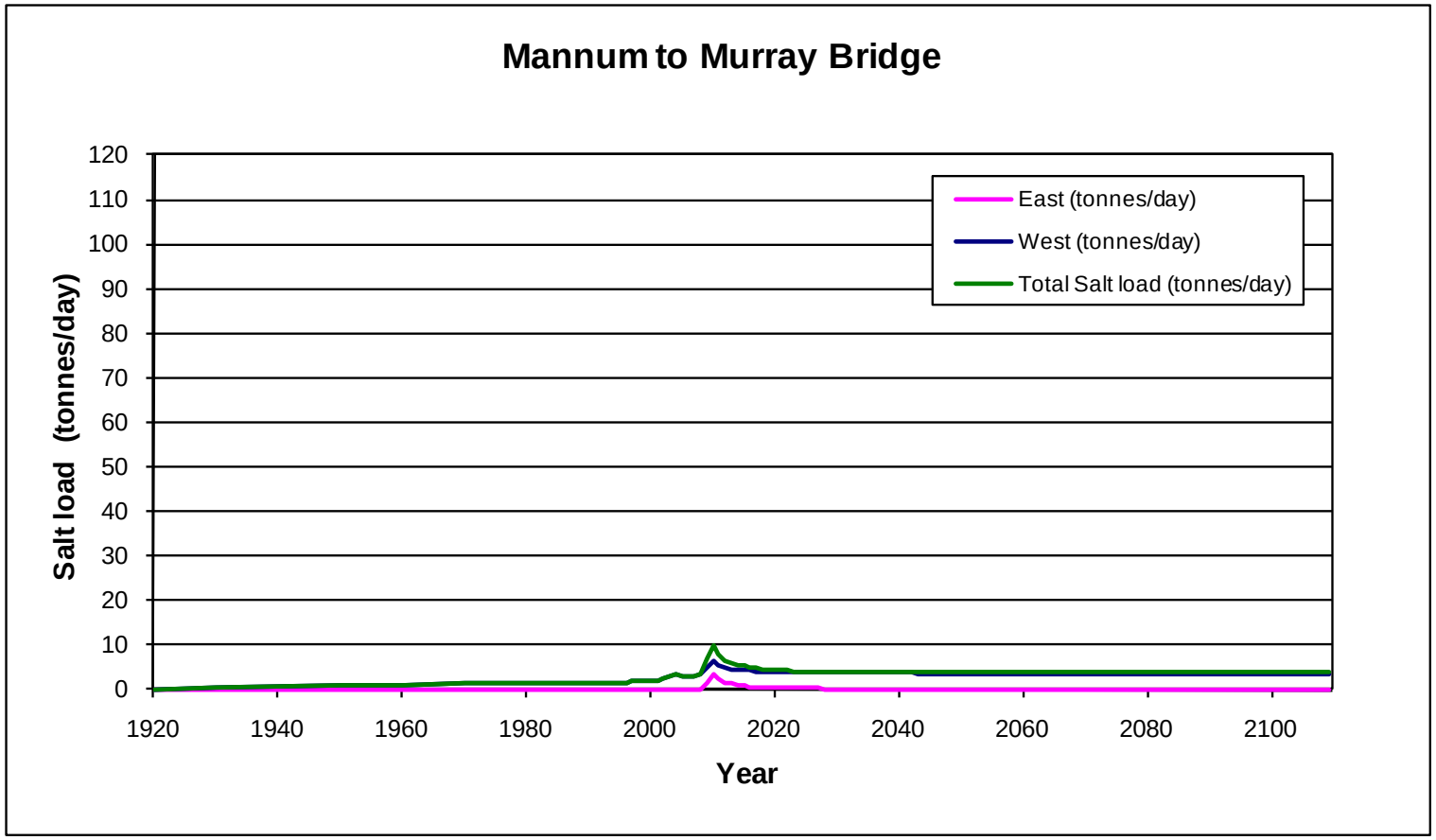
B-5(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3b) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.3	3.8	4.1
38716	39081	2026	2027	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.3	3.8	4.1
39081	39447	2027	2028	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
39447	39812	2028	2029	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
39812	40177	2029	2030	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
40177	40542	2030	2031	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
40542	40908	2031	2032	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
40908	41273	2032	2033	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
41273	41638	2033	2034	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
41638	42003	2034	2035	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.8	4.0
42003	42369	2035	2036	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.7	4.0
42369	42734	2036	2037	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.7	4.0
42734	43099	2037	2038	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.7	4.0
43099	43464	2038	2039	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.7	4.0
43464	43830	2039	2040	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.7	4.0
43830	44195	2040	2041	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.7	4.0
44195	44560	2041	2042	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.7	4.0
44560	44925	2042	2043	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.7	4.0
44925	45291	2043	2044	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.7	4.0
45291	45656	2044	2045	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.7	4.0
45656	46021	2045	2046	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.7	4.0
46021	46386	2046	2047	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.7	3.9
46386	46752	2047	2048	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.7	3.9
46752	47117	2048	2049	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.7	3.9
47117	47482	2049	2050	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.7	3.9
47482	47847	2050	2051	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.7	3.9
47847	48213	2051	2052	0.2	1.1	0.1	2.3	0.0	0.2	0.2	0.2	3.7	3.9
48213	48578	2052	2053	0.2	1.1	0.1	2.2	0.0	0.2	0.2	0.2	3.7	3.9
48578	48943	2053	2054	0.2	1.1	0.1	2.2	0.0	0.2	0.2	0.2	3.7	3.9
48943	49308	2054	2055	0.2	1.1	0.1	2.2	0.0	0.2	0.2	0.2	3.7	3.9
49308	49674	2055	2056	0.2	1.1	0.1	2.2	0.0	0.2	0.2	0.2	3.7	3.9
49674	50039	2056	2057	0.2	1.1	0.1	2.2	0.0	0.2	0.2	0.2	3.7	3.9
50039	50404	2057	2058	0.2	1.1	0.1	2.2	0.0	0.2	0.2	0.2	3.7	3.9
50404	50769	2058	2059	0.2	1.1	0.1	2.2	0.0	0.2	0.2	0.2	3.7	3.9
50769	51135	2059	2060	0.2	1.1	0.1	2.2	0.0	0.2	0.2	0.2	3.7	3.9
51135	51500	2060	2061	0.2	1.1	0.1	2.2	0.0	0.2	0.2	0.2	3.7	3.9
51500	51865	2061	2062	0.2	1.1	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.9
51865	52230	2062	2063	0.2	1.1	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.9
52230	52596	2063	2064	0.2	1.1	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.9
52596	52961	2064	2065	0.2	1.1	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.9
52961	53326	2065	2066	0.2	1.1	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.9
53326	53691	2066	2067	0.2	1.1	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.9

B-5(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3b) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	0.2	1.1	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.9
54057	54422	2068	2069	0.2	1.1	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.9
54422	54787	2069	2070	0.2	1.1	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.9
54787	55152	2070	2071	0.2	1.1	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.9
55152	55518	2071	2072	0.2	1.1	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.9
55518	55883	2072	2073	0.2	1.1	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.9
55883	56248	2073	2074	0.2	1.1	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.9
56248	56613	2074	2075	0.2	1.1	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.9
56613	56979	2075	2076	0.2	1.1	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.9
56979	57344	2076	2077	0.2	1.1	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.9
57344	57709	2077	2078	0.2	1.1	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.9
57709	58074	2078	2079	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.9
58074	58440	2079	2080	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.9
58440	58805	2080	2081	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.8
58805	59170	2081	2082	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.8
59170	59535	2082	2083	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.8
59535	59901	2083	2084	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.8
59901	60266	2084	2085	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.8
60266	60631	2085	2086	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.8
60631	60996	2086	2087	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.7	3.8
60996	61362	2087	2088	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.6	3.8
61362	61727	2088	2089	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.6	3.8
61727	62092	2089	2090	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.6	3.8
62092	62457	2090	2091	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.6	3.8
62457	62823	2091	2092	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.6	3.8
62823	63188	2092	2093	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.6	3.8
63188	63553	2093	2094	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.6	3.8
63553	63918	2094	2095	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.6	3.8
63918	64284	2095	2096	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.6	3.8
64284	64649	2096	2097	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.6	3.8
64649	65014	2097	2098	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.6	3.8
65014	65379	2098	2099	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.6	3.8
65379	65745	2099	2100	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.6	3.8
65745	66110	2100	2101	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.6	3.8
66110	66475	2101	2102	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.6	3.8
66475	66840	2102	2103	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.6	3.8
66840	67206	2103	2104	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.6	3.8
67206	67571	2104	2105	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.6	3.8
67571	67936	2105	2106	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.6	3.8
67936	68301	2106	2107	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.6	3.8
68301	68667	2107	2108	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.6	3.8
68667	69032	2108	2109	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.6	3.8
69032	69397	2109	2110	0.2	1.0	0.1	2.2	0.0	0.1	0.2	0.2	3.6	3.8
	Salinity (mg/L)			5,000	6,000	10,000	7,000	5,000	7,000	7,000			

B-5(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3b) (floodplain to river)



B-5(S3b). Graph of modelled salt load (tonnes/day) entering the River Murray in the Mannum to Murray Bridge area (Scenario 3b) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	31	253	400	298	705	646	479	*1751*	*1061*	2812
3652	*7305*	1930	1940	18	215	296	1068	601	528	427	*1425*	*1728*	3153
7305	*14610*	1940	1960	19	237	303	2670	601	529	435	*1433*	*3361*	4793
14610	*18263*	1960	1970	36	603	699	2693	987	530	437	*2216*	*3769*	5985
18263	*21915*	1970	1980	44	650	718	2705	1000	530	439	*2248*	*3838*	6086
21915	*24837*	1980	1988	46	664	723	2711	1004	531	441	*2257*	*3862*	6119
24837	*25202*	1988	1989	47	665	723	2712	1004	531	441	*2257*	*3864*	6121
25202	*25567*	1989	1990	47	666	723	2712	1004	531	441	*2258*	*3865*	6123
25567	*25932*	1990	1991	47	667	723	2713	1004	531	441	*2258*	*3867*	6125
25932	*26298*	1991	1992	47	667	724	2713	1004	531	441	*2259*	*3868*	6127
26298	*26663*	1992	1993	47	668	724	2713	1004	531	441	*2259*	*3869*	6128
26663	*27028*	1993	1994	47	668	724	2713	1004	531	441	*2259*	*3870*	6129
27028	*27393*	1994	1995	47	669	724	2714	1005	531	441	*2259*	*3871*	6130
27393	*27759*	1995	1996	47	670	724	2740	1005	531	441	*2260*	*3899*	6159
27759	*28124*	1996	1997	47	672	725	2764	1005	531	442	*2260*	*3925*	6185
28124	*28489*	1997	1998	48	675	725	2783	1005	531	442	*2261*	*3946*	6207
28489	*28854*	1998	1999	49	671	723	2704	989	555	457	*2268*	*3881*	6148
28854	*29220*	1999	2000	51	652	695	2499	958	576	469	*2229*	*3671*	5899
29220	*29585*	2000	2001	49	598	547	2273	828	512	421	*1887*	*3341*	5228
29585	*29950*	2001	2002	49	601	570	2160	873	568	469	*2010*	*3279*	5288
29950	*30315*	2002	2003	52	635	681	2079	987	657	541	*2325*	*3307*	5632
30315	*30681*	2003	2004	55	657	740	1982	1062	716	587	*2519*	*3281*	5800
30681	*31046*	2004	2005	53	607	554	1847	906	635	524	*2095*	*3031*	5126
31046	*31411*	2005	2006	54	604	562	1794	908	650	531	*2120*	*2983*	5103
31411	*31776*	2006	2007	55	595	557	1716	899	656	533	*2112*	*2900*	5012
31776	*32142*	2007	2008	61	649	777	1797	1102	788	631	*2667*	*3139*	5805
32142	*32507*	2008	2009	82	809	1410	2018	1747	1180	906	*4337*	*3815*	8153
32507	*32872*	2009	2010	102	917	1769	2123	2253	1494	1108	*5516*	*4250*	9767
32872	*33237*	2010	2011	97	815	1261	1921	1887	1250	968	*4398*	*3800*	8198
33237	*33603*	2011	2012	94	760	1031	1813	1711	1143	900	*3885*	*3566*	7451
33603	*33968*	2012	2013	92	724	912	1739	1600	1078	857	*3590*	*3411*	7002
33968	*34333*	2013	2014	91	697	843	1682	1522	1034	827	*3399*	*3297*	6696
34333	*34698*	2014	2015	89	677	799	1636	1463	1002	804	*3264*	*3205*	6469
34698	*35064*	2015	2016	89	660	768	1595	1417	977	786	*3162*	*3130*	6292
35064	*35429*	2016	2017	88	647	746	1560	1379	957	771	*3082*	*3066*	6148
35429	*35794*	2017	2018	88	636	728	1528	1348	940	759	*3016*	*3010*	6026
35794	*36159*	2018	2019	87	626	714	1483	1321	926	749	*2960*	*2945*	5905
36159	*36525*	2019	2020	87	618	702	1467	1297	913	740	*2913*	*2911*	5824
36525	*36890*	2020	2021	87	610	692	1456	1277	903	732	*2872*	*2884*	5756
36890	*37255*	2021	2022	86	604	684	1447	1260	894	726	*2838*	*2863*	5701
37255	*37620*	2022	2023	86	599	677	1439	1244	886	720	*2806*	*2844*	5650
37620	*37986*	2023	2024	86	594	670	1433	1230	879	715	*2779*	*2828*	5607
37986	*38351*	2024	2025	86	589	665	1428	1217	873	711	*2755*	*2814*	5569

B-5(S3c). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3c) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	86	585	660	1423	1206	867	706	2732	2801	5533
38716	39081	2026	2027	86	585	659	1423	1204	866	706	2730	2799	5529
39081	39447	2027	2028	86	582	655	1419	1196	862	703	2714	2790	5504
39447	39812	2028	2029	86	582	655	1419	1195	862	703	2711	2789	5500
39812	40177	2029	2030	86	581	654	1418	1194	861	702	2709	2787	5497
40177	40542	2030	2031	85	581	654	1418	1193	861	702	2707	2786	5493
40542	40908	2031	2032	85	580	653	1418	1191	860	702	2705	2785	5490
40908	41273	2032	2033	85	580	653	1417	1190	859	701	2703	2784	5486
41273	41638	2033	2034	85	580	652	1417	1189	859	701	2700	2782	5483
41638	42003	2034	2035	85	579	652	1416	1188	858	700	2698	2781	5479
42003	42369	2035	2036	85	579	651	1416	1187	858	700	2696	2780	5476
42369	42734	2036	2037	85	578	651	1415	1186	857	700	2694	2779	5473
42734	43099	2037	2038	85	578	650	1415	1185	857	699	2692	2778	5470
43099	43464	2038	2039	85	578	650	1415	1184	856	699	2690	2777	5466
43464	43830	2039	2040	85	577	649	1414	1183	856	699	2688	2775	5463
43830	44195	2040	2041	85	577	649	1414	1182	855	698	2686	2774	5460
44195	44560	2041	2042	85	577	649	1413	1180	855	698	2684	2773	5457
44560	44925	2042	2043	85	576	648	1413	1179	854	697	2682	2772	5454
44925	45291	2043	2044	85	576	648	1413	1178	854	697	2680	2771	5450
45291	45656	2044	2045	85	575	647	1412	1177	853	697	2678	2770	5447
45656	46021	2045	2046	85	575	647	1412	1176	853	696	2676	2769	5444
46021	46386	2046	2047	85	575	646	1412	1175	852	696	2674	2768	5441
46386	46752	2047	2048	85	574	646	1411	1174	852	696	2672	2767	5438
46752	47117	2048	2049	85	574	645	1411	1173	851	695	2670	2766	5435
47117	47482	2049	2050	85	574	645	1410	1172	851	695	2668	2764	5432
47482	47847	2050	2051	85	573	645	1410	1171	850	695	2666	2763	5429
47847	48213	2051	2052	85	573	644	1410	1170	850	694	2664	2762	5426
48213	48578	2052	2053	85	573	644	1409	1169	849	694	2662	2761	5424
48578	48943	2053	2054	85	572	643	1409	1168	849	694	2660	2760	5421
48943	49308	2054	2055	85	572	643	1409	1168	848	693	2659	2759	5418
49308	49674	2055	2056	85	572	642	1408	1167	848	693	2657	2758	5415
49674	50039	2056	2057	85	571	642	1408	1166	847	693	2655	2757	5412
50039	50404	2057	2058	85	571	642	1408	1165	847	692	2653	2756	5410
50404	50769	2058	2059	85	571	641	1407	1164	846	692	2651	2755	5407
50769	51135	2059	2060	85	570	641	1407	1163	846	692	2650	2754	5404
51135	51500	2060	2061	85	570	640	1407	1162	845	692	2648	2754	5401
51500	51865	2061	2062	85	570	640	1406	1161	845	691	2646	2753	5399
51865	52230	2062	2063	85	569	640	1406	1160	845	691	2644	2752	5396
52230	52596	2063	2064	85	569	639	1406	1159	844	691	2643	2751	5393
52596	52961	2064	2065	85	569	639	1405	1158	844	690	2641	2750	5391
52961	53326	2065	2066	85	569	639	1405	1158	843	690	2639	2749	5388
53326	53691	2066	2067	85	568	638	1405	1157	843	690	2638	2748	5386

B-5(S3c). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3c) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	85	568	638	1405	1156	842	689	2636	2747	5383
54057	54422	2068	2069	85	568	637	1404	1155	842	689	2634	2746	5380
54422	54787	2069	2070	85	567	637	1404	1154	842	689	2633	2745	5378
54787	55152	2070	2071	85	567	637	1404	1153	841	689	2631	2744	5375
55152	55518	2071	2072	85	567	636	1403	1152	841	688	2629	2744	5373
55518	55883	2072	2073	85	566	636	1403	1152	840	688	2628	2743	5370
55883	56248	2073	2074	85	566	636	1403	1151	840	688	2626	2742	5368
56248	56613	2074	2075	85	566	635	1403	1150	839	688	2625	2741	5366
56613	56979	2075	2076	85	566	635	1402	1149	839	687	2623	2740	5363
56979	57344	2076	2077	85	565	635	1402	1148	839	687	2621	2739	5361
57344	57709	2077	2078	85	565	634	1402	1147	838	687	2620	2738	5358
57709	58074	2078	2079	85	565	634	1401	1147	838	686	2618	2738	5356
58074	58440	2079	2080	85	565	634	1401	1146	837	686	2617	2737	5354
58440	58805	2080	2081	85	564	633	1401	1145	837	686	2615	2736	5351
58805	59170	2081	2082	85	564	633	1401	1144	837	686	2614	2735	5349
59170	59535	2082	2083	85	564	633	1400	1144	836	685	2612	2734	5347
59535	59901	2083	2084	85	563	632	1400	1143	836	685	2611	2734	5344
59901	60266	2084	2085	85	563	632	1400	1142	836	685	2609	2733	5342
60266	60631	2085	2086	85	563	632	1400	1141	835	685	2608	2732	5340
60631	60996	2086	2087	85	563	631	1399	1140	835	684	2606	2731	5338
60996	61362	2087	2088	85	562	631	1399	1140	834	684	2605	2731	5335
61362	61727	2088	2089	85	562	631	1399	1139	834	684	2603	2730	5333
61727	62092	2089	2090	85	562	630	1399	1138	834	684	2602	2729	5331
62092	62457	2090	2091	85	562	630	1398	1137	833	683	2601	2728	5329
62457	62823	2091	2092	85	561	630	1398	1137	833	683	2599	2728	5327
62823	63188	2092	2093	85	561	629	1398	1136	833	683	2598	2727	5325
63188	63553	2093	2094	85	561	629	1398	1135	832	683	2596	2726	5322
63553	63918	2094	2095	85	561	629	1397	1135	832	682	2595	2725	5320
63918	64284	2095	2096	85	560	628	1397	1134	831	682	2594	2725	5318
64284	64649	2096	2097	85	560	628	1397	1133	831	682	2592	2724	5316
64649	65014	2097	2098	85	560	628	1397	1132	831	682	2591	2723	5314
65014	65379	2098	2099	85	560	627	1396	1132	830	682	2590	2723	5312
65379	65745	2099	2100	85	559	627	1396	1131	830	681	2588	2722	5310
65745	66110	2100	2101	85	559	627	1396	1130	830	681	2587	2721	5308
66110	66475	2101	2102	85	559	627	1396	1130	829	681	2586	2720	5306
66475	66840	2102	2103	85	559	626	1396	1129	829	681	2584	2720	5304
66840	67206	2103	2104	85	558	626	1395	1128	829	680	2583	2719	5302
67206	67571	2104	2105	85	558	626	1395	1128	828	680	2582	2718	5300
67571	67936	2105	2106	85	558	625	1395	1127	828	680	2580	2718	5298
67936	68301	2106	2107	85	558	625	1395	1126	828	680	2579	2717	5296
68301	68667	2107	2108	85	557	625	1394	1126	827	680	2578	2716	5294
68667	69032	2108	2109	85	557	625	1394	1125	827	679	2576	2716	5292
69032	69397	2109	2110	85	557	625	1394	1125	827	679	2576	2716	5292

B-5(S3c). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3c) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	5	18	2	0	0	0	0	*2*	*24*	25
3652	*7305*	1930	1940	6	18	2	78	0	0	0	*2*	*102*	104
7305	*14610*	1940	1960	7	19	2	134	0	0	0	*2*	*160*	161
14610	*18263*	1960	1970	10	23	2	145	0	0	0	*2*	*178*	179
18263	*21915*	1970	1980	13	32	2	150	0	0	0	*2*	*195*	197
21915	*24837*	1980	1988	14	38	2	153	0	0	0	*2*	*205*	207
24837	*25202*	1988	1989	14	38	2	153	0	0	0	*2*	*206*	208
25202	*25567*	1989	1990	14	39	2	154	0	0	0	*2*	*207*	208
25567	*25932*	1990	1991	14	39	2	154	0	0	0	*2*	*207*	209
25932	*26298*	1991	1992	14	39	2	154	0	0	0	*2*	*208*	210
26298	*26663*	1992	1993	15	40	2	154	0	0	0	*2*	*208*	210
26663	*27028*	1993	1994	15	40	2	154	0	0	0	*2*	*209*	211
27028	*27393*	1994	1995	15	40	2	154	0	0	0	*2*	*209*	211
27393	*27759*	1995	1996	15	41	2	195	0	0	0	*2*	*250*	252
27759	*28124*	1996	1997	15	41	2	224	0	0	0	*2*	*280*	282
28124	*28489*	1997	1998	15	42	2	245	0	0	0	*2*	*302*	304
28489	*28854*	1998	1999	15	42	2	257	0	0	0	*2*	*314*	316
28854	*29220*	1999	2000	15	43	2	250	0	0	0	*2*	*308*	309
29220	*29585*	2000	2001	9	26	2	233	0	0	0	*2*	*268*	270
29585	*29950*	2001	2002	10	94	3	242	0	0	4	*3*	*350*	353
29950	*30315*	2002	2003	17	123	5	252	0	0	10	*5*	*402*	407
30315	*30681*	2003	2004	23	141	6	251	0	0	14	*6*	*428*	434
30681	*31046*	2004	2005	14	115	6	230	0	0	4	*6*	*364*	370
31046	*31411*	2005	2006	14	116	6	229	0	0	4	*6*	*363*	369
31411	*31776*	2006	2007	14	114	6	226	0	0	3	*6*	*356*	362
31776	*32142*	2007	2008	28	149	6	244	0	1	14	*7*	*435*	442
32142	*32507*	2008	2009	74	251	64	291	0	151	63	*215*	*680*	895
32507	*32872*	2009	2010	113	332	144	321	0	312	112	*456*	*879*	1335
32872	*33237*	2010	2011	87	283	93	279	0	199	76	*293*	*725*	1017
33237	*33603*	2011	2012	74	259	66	257	0	149	62	*215*	*652*	867
33603	*33968*	2012	2013	66	243	48	242	0	120	53	*168*	*605*	773
33968	*34333*	2013	2014	61	233	36	230	0	99	47	*136*	*570*	706
34333	*34698*	2014	2015	57	224	28	220	0	85	42	*113*	*544*	657
34698	*35064*	2015	2016	54	218	21	212	0	74	39	*96*	*522*	618
35064	*35429*	2016	2017	52	212	17	204	0	66	36	*83*	*504*	586
35429	*35794*	2017	2018	50	207	13	197	0	58	33	*71*	*488*	559
35794	*36159*	2018	2019	49	203	10	188	0	52	31	*63*	*471*	534
36159	*36525*	2019	2020	47	200	8	183	0	47	30	*55*	*460*	515
36525	*36890*	2020	2021	46	196	7	179	0	42	28	*49*	*450*	499
36890	*37255*	2021	2022	46	193	6	176	0	39	27	*45*	*442*	487
37255	*37620*	2022	2023	45	191	6	174	0	35	26	*41*	*435*	476
37620	*37986*	2023	2024	44	188	6	171	0	33	25	*39*	*429*	467
37986	*38351*	2024	2025	44	186	6	169	0	31	24	*36*	*423*	460

B-5(S3c). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3c) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	43	184	6	168	0	29	23	35	418	453
38716	39081	2026	2027	43	184	6	167	0	29	23	34	417	452
39081	39447	2027	2028	43	183	6	166	0	27	23	33	414	447
39447	39812	2028	2029	43	182	6	166	0	27	22	33	413	446
39812	40177	2029	2030	42	182	6	166	0	27	22	33	413	445
40177	40542	2030	2031	42	182	6	166	0	27	22	32	412	445
40542	40908	2031	2032	42	182	6	165	0	27	22	32	412	444
40908	41273	2032	2033	42	182	6	165	0	26	22	32	411	443
41273	41638	2033	2034	42	181	6	165	0	26	22	32	411	443
41638	42003	2034	2035	42	181	6	165	0	26	22	32	410	442
42003	42369	2035	2036	42	181	6	165	0	26	22	31	410	441
42369	42734	2036	2037	42	181	6	165	0	26	22	31	409	441
42734	43099	2037	2038	42	181	6	164	0	25	22	31	409	440
43099	43464	2038	2039	42	180	6	164	0	25	22	31	408	439
43464	43830	2039	2040	42	180	6	164	0	25	22	31	408	439
43830	44195	2040	2041	42	180	6	164	0	25	22	31	407	438
44195	44560	2041	2042	42	180	6	164	0	25	21	30	407	437
44560	44925	2042	2043	42	180	6	164	0	25	21	30	407	437
44925	45291	2043	2044	42	179	6	164	0	24	21	30	406	436
45291	45656	2044	2045	42	179	6	163	0	24	21	30	406	435
45656	46021	2045	2046	42	179	6	163	0	24	21	30	405	435
46021	46386	2046	2047	42	179	6	163	0	24	21	30	405	434
46386	46752	2047	2048	42	179	6	163	0	24	21	29	404	434
46752	47117	2048	2049	42	178	6	163	0	23	21	29	404	433
47117	47482	2049	2050	42	178	6	163	0	23	21	29	403	432
47482	47847	2050	2051	42	178	6	163	0	23	21	29	403	432
47847	48213	2051	2052	41	178	6	162	0	23	21	29	403	431
48213	48578	2052	2053	41	178	6	162	0	23	21	29	402	431
48578	48943	2053	2054	41	178	6	162	0	23	21	28	402	430
48943	49308	2054	2055	41	177	6	162	0	23	21	28	401	430
49308	49674	2055	2056	41	177	6	162	0	22	21	28	401	429
49674	50039	2056	2057	41	177	6	162	0	22	20	28	401	428
50039	50404	2057	2058	41	177	6	162	0	22	20	28	400	428
50404	50769	2058	2059	41	177	6	162	0	22	20	28	400	427
50769	51135	2059	2060	41	176	6	161	0	22	20	27	399	427
51135	51500	2060	2061	41	176	6	161	0	22	20	27	399	426
51500	51865	2061	2062	41	176	6	161	0	21	20	27	399	426
51865	52230	2062	2063	41	176	6	161	0	21	20	27	398	425
52230	52596	2063	2064	41	176	6	161	0	21	20	27	398	425
52596	52961	2064	2065	41	176	6	161	0	21	20	27	397	424
52961	53326	2065	2066	41	175	6	161	0	21	20	27	397	424
53326	53691	2066	2067	41	175	6	161	0	21	20	26	397	423

B-5(S3c). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3c) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	41	175	6	160	0	21	20	26	396	423
54057	54422	2068	2069	41	175	6	160	0	20	20	26	396	422
54422	54787	2069	2070	41	175	6	160	0	20	20	26	396	422
54787	55152	2070	2071	41	175	6	160	0	20	20	26	395	421
55152	55518	2071	2072	41	174	6	160	0	20	20	26	395	421
55518	55883	2072	2073	41	174	6	160	0	20	20	26	395	420
55883	56248	2073	2074	41	174	6	160	0	20	20	25	394	420
56248	56613	2074	2075	41	174	6	160	0	20	20	25	394	419
56613	56979	2075	2076	41	174	6	160	0	19	19	25	393	419
56979	57344	2076	2077	41	174	6	159	0	19	19	25	393	418
57344	57709	2077	2078	41	174	6	159	0	19	19	25	393	418
57709	58074	2078	2079	41	173	6	159	0	19	19	25	392	417
58074	58440	2079	2080	41	173	6	159	0	19	19	25	392	417
58440	58805	2080	2081	41	173	6	159	0	19	19	24	392	416
58805	59170	2081	2082	40	173	6	159	0	19	19	24	391	416
59170	59535	2082	2083	40	173	6	159	0	18	19	24	391	415
59535	59901	2083	2084	40	173	6	159	0	18	19	24	391	415
59901	60266	2084	2085	40	172	6	159	0	18	19	24	390	414
60266	60631	2085	2086	40	172	6	158	0	18	19	24	390	414
60631	60996	2086	2087	40	172	6	158	0	18	19	24	390	413
60996	61362	2087	2088	40	172	6	158	0	18	19	24	389	413
61362	61727	2088	2089	40	172	6	158	0	18	19	23	389	413
61727	62092	2089	2090	40	172	6	158	0	17	19	23	389	412
62092	62457	2090	2091	40	172	6	158	0	17	19	23	389	412
62457	62823	2091	2092	40	171	6	158	0	17	19	23	388	411
62823	63188	2092	2093	40	171	6	158	0	17	19	23	388	411
63188	63553	2093	2094	40	171	6	158	0	17	19	23	388	410
63553	63918	2094	2095	40	171	6	158	0	17	19	23	387	410
63918	64284	2095	2096	40	171	6	158	0	17	19	22	387	409
64284	64649	2096	2097	40	171	6	157	0	17	18	22	387	409
64649	65014	2097	2098	40	171	6	157	0	16	18	22	386	409
65014	65379	2098	2099	40	170	6	157	0	16	18	22	386	408
65379	65745	2099	2100	40	170	6	157	0	16	18	22	386	408
65745	66110	2100	2101	40	170	6	157	0	16	18	22	386	407
66110	66475	2101	2102	40	170	6	157	0	16	18	22	385	407
66475	66840	2102	2103	40	170	6	157	0	16	18	22	385	407
66840	67206	2103	2104	40	170	6	157	0	16	18	22	385	406
67206	67571	2104	2105	40	170	6	157	0	16	18	21	384	406
67571	67936	2105	2106	40	170	6	157	0	16	18	21	384	405
67936	68301	2106	2107	40	169	6	157	0	15	18	21	384	405
68301	68667	2107	2108	40	169	6	156	0	15	18	21	384	405
68667	69032	2108	2109	40	169	6	156	0	15	18	21	383	404
69032	69397	2109	2110	40	169	6	156	0	15	18	21	383	404

B-5(S3c). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3c) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (t/day)	Total West (t/day)	Salt load (t/day)
0	*3652*	1920	1930	0.2	1.5	4.0	2.1	3.5	4.5	3.4	***12.0***	***7.1***	19.2
3652	*7305*	1930	1940	0.1	1.3	3.0	7.5	3.0	3.7	3.0	***9.7***	***11.8***	21.5
7305	*14610*	1940	1960	0.1	1.4	3.0	18.7	3.0	3.7	3.0	***9.7***	***23.2***	33.0
14610	*18263*	1960	1970	0.2	3.6	7.0	18.9	4.9	3.7	3.1	***15.6***	***25.7***	41.3
18263	*21915*	1970	1980	0.2	3.9	7.2	18.9	5.0	3.7	3.1	***15.9***	***26.1***	42.0
21915	*24837*	1980	1988	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.2
24837	*25202*	1988	1989	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.3
25202	*25567*	1989	1990	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.3
25567	*25932*	1990	1991	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.3
25932	*26298*	1991	1992	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.3
26298	*26663*	1992	1993	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.3
26663	*27028*	1993	1994	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.3
27028	*27393*	1994	1995	0.2	4.0	7.2	19.0	5.0	3.7	3.1	***16.0***	***26.3***	42.3
27393	*27759*	1995	1996	0.2	4.0	7.2	19.2	5.0	3.7	3.1	***16.0***	***26.5***	42.5
27759	*28124*	1996	1997	0.2	4.0	7.2	19.3	5.0	3.7	3.1	***16.0***	***26.7***	42.7
28124	*28489*	1997	1998	0.2	4.0	7.2	19.5	5.0	3.7	3.1	***16.0***	***26.9***	42.8
28489	*28854*	1998	1999	0.2	4.0	7.2	18.9	4.9	3.9	3.2	***16.1***	***26.4***	42.5
28854	*29220*	1999	2000	0.3	3.9	6.9	17.5	4.8	4.0	3.3	***15.8***	***24.9***	40.7
29220	*29585*	2000	2001	0.2	3.6	5.5	15.9	4.1	3.6	2.9	***13.2***	***22.7***	35.9
29585	*29950*	2001	2002	0.2	3.6	5.7	15.1	4.4	4.0	3.3	***14.0***	***22.3***	36.3
29950	*30315*	2002	2003	0.3	3.8	6.8	14.6	4.9	4.6	3.8	***16.3***	***22.4***	38.7
30315	*30681*	2003	2004	0.3	3.9	7.4	13.9	5.3	5.0	4.1	***17.7***	***22.2***	39.9
30681	*31046*	2004	2005	0.3	3.6	5.5	12.9	4.5	4.4	3.7	***14.5***	***20.5***	35.0
31046	*31411*	2005	2006	0.3	3.6	5.6	12.6	4.5	4.5	3.7	***14.7***	***20.2***	34.9
31411	*31776*	2006	2007	0.3	3.6	5.6	12.0	4.5	4.6	3.7	***14.7***	***19.6***	34.3
31776	*32142*	2007	2008	0.3	3.9	7.8	12.6	5.5	5.5	4.4	***18.8***	***21.2***	40.0
32142	*32507*	2008	2009	0.4	4.9	14.1	14.1	8.7	8.3	6.3	***31.1***	***25.7***	56.8
32507	*32872*	2009	2010	0.5	5.5	17.7	14.9	11.3	10.5	7.8	***39.4***	***28.6***	68.0
32872	*33237*	2010	2011	0.5	4.9	12.6	13.4	9.4	8.7	6.8	***30.8***	***25.6***	56.4
33237	*33603*	2011	2012	0.5	4.6	10.3	12.7	8.6	8.0	6.3	***26.9***	***24.0***	50.9
33603	*33968*	2012	2013	0.5	4.3	9.1	12.2	8.0	7.5	6.0	***24.7***	***23.0***	47.6
33968	*34333*	2013	2014	0.5	4.2	8.4	11.8	7.6	7.2	5.8	***23.3***	***22.2***	45.5
34333	*34698*	2014	2015	0.4	4.1	8.0	11.4	7.3	7.0	5.6	***22.3***	***21.6***	43.9
34698	*35064*	2015	2016	0.4	4.0	7.7	11.2	7.1	6.8	5.5	***21.6***	***21.1***	42.7
35064	*35429*	2016	2017	0.4	3.9	7.5	10.9	6.9	6.7	5.4	***21.1***	***20.6***	41.7
35429	*35794*	2017	2018	0.4	3.8	7.3	10.7	6.7	6.6	5.3	***20.6***	***20.3***	40.9
35794	*36159*	2018	2019	0.4	3.8	7.1	10.4	6.6	6.5	5.2	***20.2***	***19.8***	40.0
36159	*36525*	2019	2020	0.4	3.7	7.0	10.3	6.5	6.4	5.2	***19.9***	***19.6***	39.5
36525	*36890*	2020	2021	0.4	3.7	6.9	10.2	6.4	6.3	5.1	***19.6***	***19.4***	39.0
36890	*37255*	2021	2022	0.4	3.6	6.8	10.1	6.3	6.3	5.1	***19.4***	***19.3***	38.7
37255	*37620*	2022	2023	0.4	3.6	6.8	10.1	6.2	6.2	5.0	***19.2***	***19.1***	38.3
37620	*37986*	2023	2024	0.4	3.6	6.7	10.0	6.1	6.2	5.0	***19.0***	***19.0***	38.0
37986	*38351*	2024	2025	0.4	3.5	6.6	10.0	6.1	6.1	5.0	***18.8***	***18.9***	37.8

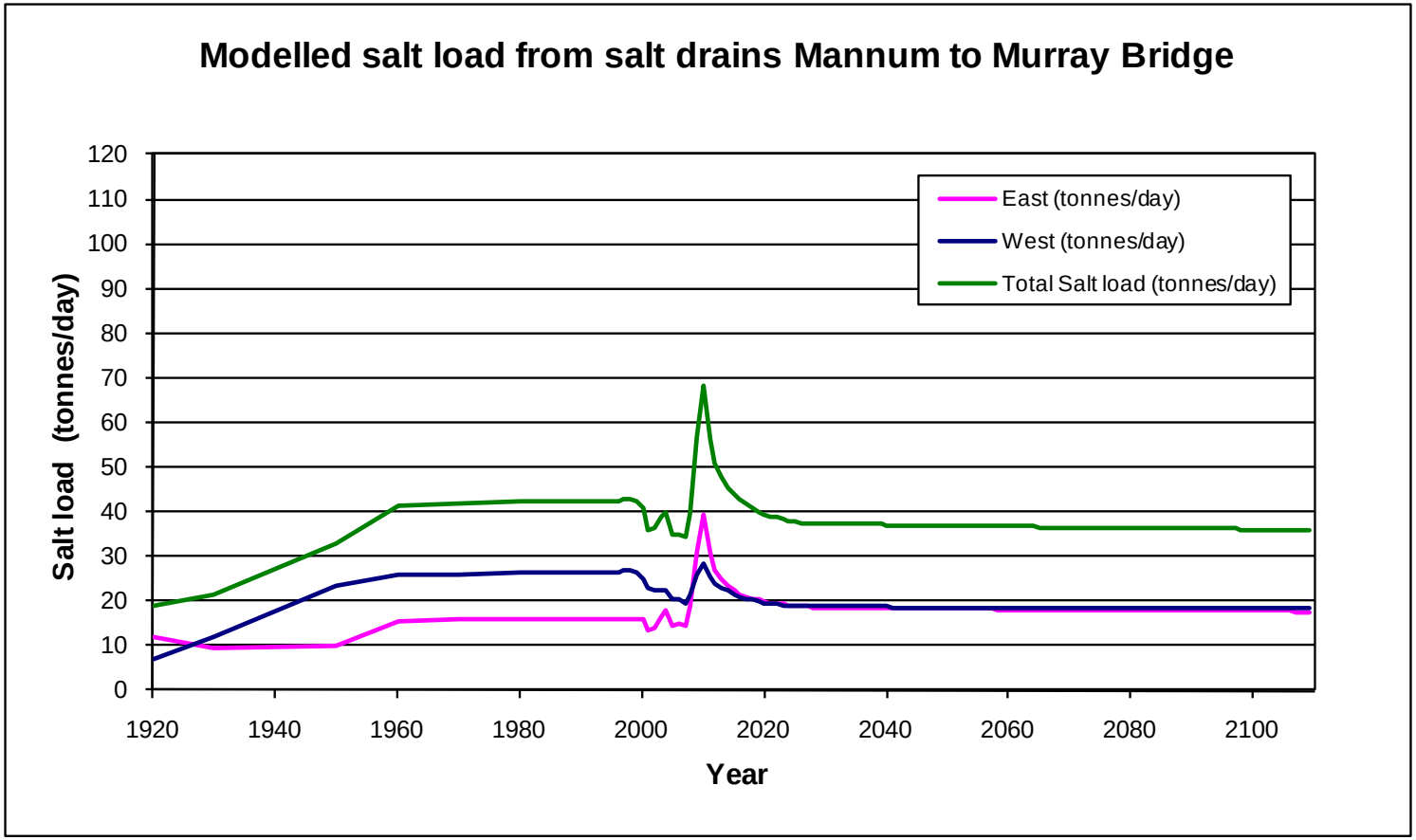
B-5(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3c) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (t/day)	Total West (t/day)	Salt load (t/day)
38351	38716	2025	2026	0.4	3.5	6.6	10.0	6.0	6.1	4.9	18.7	18.8	37.5
38716	39081	2026	2027	0.4	3.5	6.6	10.0	6.0	6.1	4.9	18.7	18.8	37.5
39081	39447	2027	2028	0.4	3.5	6.6	9.9	6.0	6.0	4.9	18.6	18.8	37.3
39447	39812	2028	2029	0.4	3.5	6.5	9.9	6.0	6.0	4.9	18.6	18.8	37.3
39812	40177	2029	2030	0.4	3.5	6.5	9.9	6.0	6.0	4.9	18.5	18.8	37.3
40177	40542	2030	2031	0.4	3.5	6.5	9.9	6.0	6.0	4.9	18.5	18.8	37.3
40542	40908	2031	2032	0.4	3.5	6.5	9.9	6.0	6.0	4.9	18.5	18.7	37.3
40908	41273	2032	2033	0.4	3.5	6.5	9.9	6.0	6.0	4.9	18.5	18.7	37.2
41273	41638	2033	2034	0.4	3.5	6.5	9.9	5.9	6.0	4.9	18.5	18.7	37.2
41638	42003	2034	2035	0.4	3.5	6.5	9.9	5.9	6.0	4.9	18.5	18.7	37.2
42003	42369	2035	2036	0.4	3.5	6.5	9.9	5.9	6.0	4.9	18.5	18.7	37.2
42369	42734	2036	2037	0.4	3.5	6.5	9.9	5.9	6.0	4.9	18.4	18.7	37.1
42734	43099	2037	2038	0.4	3.5	6.5	9.9	5.9	6.0	4.9	18.4	18.7	37.1
43099	43464	2038	2039	0.4	3.5	6.5	9.9	5.9	6.0	4.9	18.4	18.7	37.1
43464	43830	2039	2040	0.4	3.5	6.5	9.9	5.9	6.0	4.9	18.4	18.7	37.1
43830	44195	2040	2041	0.4	3.5	6.5	9.9	5.9	6.0	4.9	18.4	18.7	37.1
44195	44560	2041	2042	0.4	3.5	6.5	9.9	5.9	6.0	4.9	18.4	18.7	37.0
44560	44925	2042	2043	0.4	3.5	6.5	9.9	5.9	6.0	4.9	18.4	18.7	37.0
44925	45291	2043	2044	0.4	3.5	6.5	9.9	5.9	6.0	4.9	18.3	18.6	37.0
45291	45656	2044	2045	0.4	3.5	6.5	9.9	5.9	6.0	4.9	18.3	18.6	37.0
45656	46021	2045	2046	0.4	3.5	6.5	9.9	5.9	6.0	4.9	18.3	18.6	37.0
46021	46386	2046	2047	0.4	3.4	6.5	9.9	5.9	6.0	4.9	18.3	18.6	36.9
46386	46752	2047	2048	0.4	3.4	6.5	9.9	5.9	6.0	4.9	18.3	18.6	36.9
46752	47117	2048	2049	0.4	3.4	6.5	9.9	5.9	6.0	4.9	18.3	18.6	36.9
47117	47482	2049	2050	0.4	3.4	6.4	9.9	5.9	6.0	4.9	18.3	18.6	36.9
47482	47847	2050	2051	0.4	3.4	6.4	9.9	5.9	6.0	4.9	18.3	18.6	36.9
47847	48213	2051	2052	0.4	3.4	6.4	9.9	5.9	5.9	4.9	18.2	18.6	36.8
48213	48578	2052	2053	0.4	3.4	6.4	9.9	5.8	5.9	4.9	18.2	18.6	36.8
48578	48943	2053	2054	0.4	3.4	6.4	9.9	5.8	5.9	4.9	18.2	18.6	36.8
48943	49308	2054	2055	0.4	3.4	6.4	9.9	5.8	5.9	4.9	18.2	18.6	36.8
49308	49674	2055	2056	0.4	3.4	6.4	9.9	5.8	5.9	4.9	18.2	18.6	36.8
49674	50039	2056	2057	0.4	3.4	6.4	9.9	5.8	5.9	4.8	18.2	18.6	36.7
50039	50404	2057	2058	0.4	3.4	6.4	9.9	5.8	5.9	4.8	18.2	18.6	36.7
50404	50769	2058	2059	0.4	3.4	6.4	9.9	5.8	5.9	4.8	18.2	18.5	36.7
50769	51135	2059	2060	0.4	3.4	6.4	9.8	5.8	5.9	4.8	18.1	18.5	36.7
51135	51500	2060	2061	0.4	3.4	6.4	9.8	5.8	5.9	4.8	18.1	18.5	36.7
51500	51865	2061	2062	0.4	3.4	6.4	9.8	5.8	5.9	4.8	18.1	18.5	36.6
51865	52230	2062	2063	0.4	3.4	6.4	9.8	5.8	5.9	4.8	18.1	18.5	36.6
52230	52596	2063	2064	0.4	3.4	6.4	9.8	5.8	5.9	4.8	18.1	18.5	36.6
52596	52961	2064	2065	0.4	3.4	6.4	9.8	5.8	5.9	4.8	18.1	18.5	36.6
52961	53326	2065	2066	0.4	3.4	6.4	9.8	5.8	5.9	4.8	18.1	18.5	36.6
53326	53691	2066	2067	0.4	3.4	6.4	9.8	5.8	5.9	4.8	18.1	18.5	36.6

B-5(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3c) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (t/day)	Total West (t/day)	Salt load (t/day)
53691	54057	2067	2068	0.4	3.4	6.4	9.8	5.8	5.9	4.8	18.1	18.5	36.5
54057	54422	2068	2069	0.4	3.4	6.4	9.8	5.8	5.9	4.8	18.0	18.5	36.5
54422	54787	2069	2070	0.4	3.4	6.4	9.8	5.8	5.9	4.8	18.0	18.5	36.5
54787	55152	2070	2071	0.4	3.4	6.4	9.8	5.8	5.9	4.8	18.0	18.5	36.5
55152	55518	2071	2072	0.4	3.4	6.4	9.8	5.8	5.9	4.8	18.0	18.5	36.5
55518	55883	2072	2073	0.4	3.4	6.4	9.8	5.8	5.9	4.8	18.0	18.5	36.5
55883	56248	2073	2074	0.4	3.4	6.4	9.8	5.8	5.9	4.8	18.0	18.5	36.4
56248	56613	2074	2075	0.4	3.4	6.4	9.8	5.7	5.9	4.8	18.0	18.5	36.4
56613	56979	2075	2076	0.4	3.4	6.3	9.8	5.7	5.9	4.8	18.0	18.4	36.4
56979	57344	2076	2077	0.4	3.4	6.3	9.8	5.7	5.9	4.8	18.0	18.4	36.4
57344	57709	2077	2078	0.4	3.4	6.3	9.8	5.7	5.9	4.8	17.9	18.4	36.4
57709	58074	2078	2079	0.4	3.4	6.3	9.8	5.7	5.9	4.8	17.9	18.4	36.4
58074	58440	2079	2080	0.4	3.4	6.3	9.8	5.7	5.9	4.8	17.9	18.4	36.3
58440	58805	2080	2081	0.4	3.4	6.3	9.8	5.7	5.9	4.8	17.9	18.4	36.3
58805	59170	2081	2082	0.4	3.4	6.3	9.8	5.7	5.9	4.8	17.9	18.4	36.3
59170	59535	2082	2083	0.4	3.4	6.3	9.8	5.7	5.9	4.8	17.9	18.4	36.3
59535	59901	2083	2084	0.4	3.4	6.3	9.8	5.7	5.9	4.8	17.9	18.4	36.3
59901	60266	2084	2085	0.4	3.4	6.3	9.8	5.7	5.8	4.8	17.9	18.4	36.3
60266	60631	2085	2086	0.4	3.4	6.3	9.8	5.7	5.8	4.8	17.9	18.4	36.3
60631	60996	2086	2087	0.4	3.4	6.3	9.8	5.7	5.8	4.8	17.9	18.4	36.2
60996	61362	2087	2088	0.4	3.4	6.3	9.8	5.7	5.8	4.8	17.8	18.4	36.2
61362	61727	2088	2089	0.4	3.4	6.3	9.8	5.7	5.8	4.8	17.8	18.4	36.2
61727	62092	2089	2090	0.4	3.4	6.3	9.8	5.7	5.8	4.8	17.8	18.4	36.2
62092	62457	2090	2091	0.4	3.4	6.3	9.8	5.7	5.8	4.8	17.8	18.4	36.2
62457	62823	2091	2092	0.4	3.4	6.3	9.8	5.7	5.8	4.8	17.8	18.4	36.2
62823	63188	2092	2093	0.4	3.4	6.3	9.8	5.7	5.8	4.8	17.8	18.4	36.2
63188	63553	2093	2094	0.4	3.4	6.3	9.8	5.7	5.8	4.8	17.8	18.4	36.1
63553	63918	2094	2095	0.4	3.4	6.3	9.8	5.7	5.8	4.8	17.8	18.3	36.1
63918	64284	2095	2096	0.4	3.4	6.3	9.8	5.7	5.8	4.8	17.8	18.3	36.1
64284	64649	2096	2097	0.4	3.4	6.3	9.8	5.7	5.8	4.8	17.8	18.3	36.1
64649	65014	2097	2098	0.4	3.4	6.3	9.8	5.7	5.8	4.8	17.8	18.3	36.1
65014	65379	2098	2099	0.4	3.4	6.3	9.8	5.7	5.8	4.8	17.7	18.3	36.1
65379	65745	2099	2100	0.4	3.4	6.3	9.8	5.7	5.8	4.8	17.7	18.3	36.1
65745	66110	2100	2101	0.4	3.4	6.3	9.8	5.7	5.8	4.8	17.7	18.3	36.0
66110	66475	2101	2102	0.4	3.4	6.3	9.8	5.6	5.8	4.8	17.7	18.3	36.0
66475	66840	2102	2103	0.4	3.4	6.3	9.8	5.6	5.8	4.8	17.7	18.3	36.0
66840	67206	2103	2104	0.4	3.4	6.3	9.8	5.6	5.8	4.8	17.7	18.3	36.0
67206	67571	2104	2105	0.4	3.3	6.3	9.8	5.6	5.8	4.8	17.7	18.3	36.0
67571	67936	2105	2106	0.4	3.3	6.3	9.8	5.6	5.8	4.8	17.7	18.3	36.0
67936	68301	2106	2107	0.4	3.3	6.3	9.8	5.6	5.8	4.8	17.7	18.3	36.0
68301	68667	2107	2108	0.4	3.3	6.2	9.8	5.6	5.8	4.8	17.7	18.3	36.0
68667	69032	2108	2109	0.4	3.3	6.2	9.8	5.6	5.8	4.8	17.7	18.3	35.9
69032	69397	2109	2110	0.4	3.3	6.2	9.8	5.6	5.8	4.8	17.7	18.3	35.9
	Salinity (mg/L)			5,000	6,000	10,000	7,000	5,000	7,000	7,000			

B-5(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3c) (highland to salt drains)



B-5(S3c). Graph of modelled salt load (tonnes/day) entering the River Murray in the Mannum to Murray Bridge area (Scenario 3c) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	3652	1920	1930	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
3652	7305	1930	1940	0.0	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.7	0.7
7305	14610	1940	1960	0.0	0.1	0.0	0.9	0.0	0.0	0.0	0.0	1.1	1.1
14610	18263	1960	1970	0.0	0.1	0.0	1.0	0.0	0.0	0.0	0.0	1.2	1.2
18263	21915	1970	1980	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.3	1.3
21915	24837	1980	1988	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
24837	25202	1988	1989	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
25202	25567	1989	1990	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
25567	25932	1990	1991	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
25932	26298	1991	1992	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
26298	26663	1992	1993	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
26663	27028	1993	1994	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
27028	27393	1994	1995	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
27393	27759	1995	1996	0.1	0.2	0.0	1.4	0.0	0.0	0.0	0.0	1.7	1.7
27759	28124	1996	1997	0.1	0.2	0.0	1.6	0.0	0.0	0.0	0.0	1.9	1.9
28124	28489	1997	1998	0.1	0.3	0.0	1.7	0.0	0.0	0.0	0.0	2.0	2.1
28489	28854	1998	1999	0.1	0.3	0.0	1.8	0.0	0.0	0.0	0.0	2.1	2.1
28854	29220	1999	2000	0.1	0.3	0.0	1.7	0.0	0.0	0.0	0.0	2.1	2.1
29220	29585	2000	2001	0.0	0.2	0.0	1.6	0.0	0.0	0.0	0.0	1.8	1.9
29585	29950	2001	2002	0.1	0.6	0.0	1.7	0.0	0.0	0.0	0.0	2.3	2.4
29950	30315	2002	2003	0.1	0.7	0.1	1.8	0.0	0.0	0.1	0.1	2.7	2.7
30315	30681	2003	2004	0.1	0.8	0.1	1.8	0.0	0.0	0.1	0.1	2.8	2.9
30681	31046	2004	2005	0.1	0.7	0.1	1.6	0.0	0.0	0.0	0.1	2.4	2.5
31046	31411	2005	2006	0.1	0.7	0.1	1.6	0.0	0.0	0.0	0.1	2.4	2.5
31411	31776	2006	2007	0.1	0.7	0.1	1.6	0.0	0.0	0.0	0.1	2.4	2.4
31776	32142	2007	2008	0.1	0.9	0.1	1.7	0.0	0.0	0.1	0.1	2.8	2.9
32142	32507	2008	2009	0.4	1.5	0.6	2.0	0.0	1.1	0.4	1.7	4.4	6.1
32507	32872	2009	2010	0.6	2.0	1.4	2.3	0.0	2.2	0.8	3.6	5.6	9.2
32872	33237	2010	2011	0.4	1.7	0.9	2.0	0.0	1.4	0.5	2.3	4.6	6.9
33237	33603	2011	2012	0.4	1.6	0.7	1.8	0.0	1.0	0.4	1.7	4.2	5.9
33603	33968	2012	2013	0.3	1.5	0.5	1.7	0.0	0.8	0.4	1.3	3.9	5.2
33968	34333	2013	2014	0.3	1.4	0.4	1.6	0.0	0.7	0.3	1.1	3.6	4.7
34333	34698	2014	2015	0.3	1.3	0.3	1.5	0.0	0.6	0.3	0.9	3.5	4.3
34698	35064	2015	2016	0.3	1.3	0.2	1.5	0.0	0.5	0.3	0.7	3.3	4.1
35064	35429	2016	2017	0.3	1.3	0.2	1.4	0.0	0.5	0.2	0.6	3.2	3.8
35429	35794	2017	2018	0.3	1.2	0.1	1.4	0.0	0.4	0.2	0.5	3.1	3.6
35794	36159	2018	2019	0.2	1.2	0.1	1.3	0.0	0.4	0.2	0.5	3.0	3.5
36159	36525	2019	2020	0.2	1.2	0.1	1.3	0.0	0.3	0.2	0.4	2.9	3.3
36525	36890	2020	2021	0.2	1.2	0.1	1.3	0.0	0.3	0.2	0.4	2.9	3.2
36890	37255	2021	2022	0.2	1.2	0.1	1.2	0.0	0.3	0.2	0.3	2.8	3.1
37255	37620	2022	2023	0.2	1.1	0.1	1.2	0.0	0.2	0.2	0.3	2.8	3.1
37620	37986	2023	2024	0.2	1.1	0.1	1.2	0.0	0.2	0.2	0.3	2.7	3.0
37986	38351	2024	2025	0.2	1.1	0.1	1.2	0.0	0.2	0.2	0.3	2.7	3.0

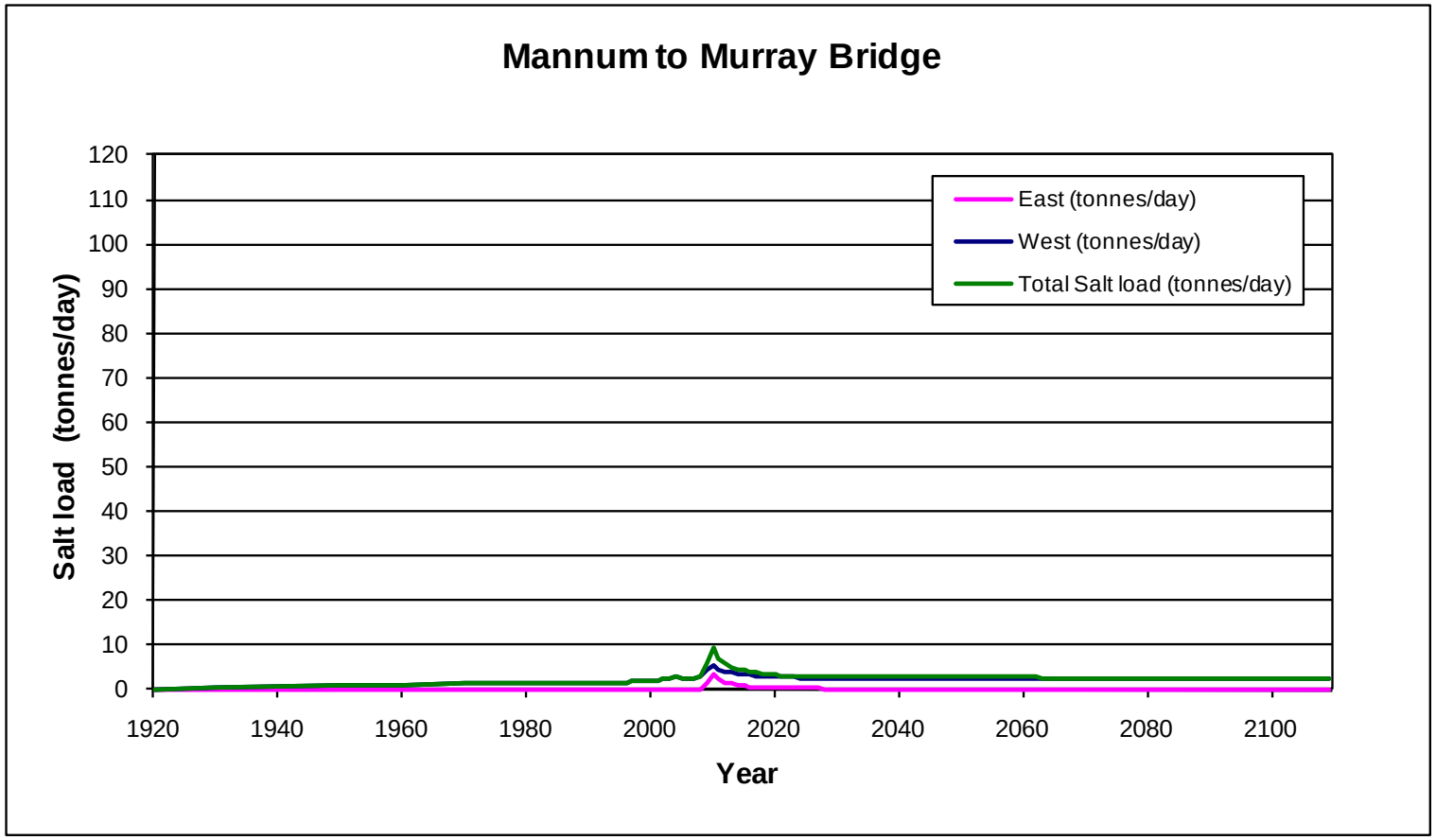
B-5(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3c) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.2	1.1	0.1	1.2	0.0	0.2	0.2	0.3	2.7	2.9
38716	39081	2026	2027	0.2	1.1	0.1	1.2	0.0	0.2	0.2	0.3	2.7	2.9
39081	39447	2027	2028	0.2	1.1	0.1	1.2	0.0	0.2	0.2	0.2	2.6	2.9
39447	39812	2028	2029	0.2	1.1	0.1	1.2	0.0	0.2	0.2	0.2	2.6	2.9
39812	40177	2029	2030	0.2	1.1	0.1	1.2	0.0	0.2	0.2	0.2	2.6	2.9
40177	40542	2030	2031	0.2	1.1	0.1	1.2	0.0	0.2	0.2	0.2	2.6	2.9
40542	40908	2031	2032	0.2	1.1	0.1	1.2	0.0	0.2	0.2	0.2	2.6	2.9
40908	41273	2032	2033	0.2	1.1	0.1	1.2	0.0	0.2	0.2	0.2	2.6	2.9
41273	41638	2033	2034	0.2	1.1	0.1	1.2	0.0	0.2	0.2	0.2	2.6	2.8
41638	42003	2034	2035	0.2	1.1	0.1	1.2	0.0	0.2	0.2	0.2	2.6	2.8
42003	42369	2035	2036	0.2	1.1	0.1	1.2	0.0	0.2	0.2	0.2	2.6	2.8
42369	42734	2036	2037	0.2	1.1	0.1	1.2	0.0	0.2	0.2	0.2	2.6	2.8
42734	43099	2037	2038	0.2	1.1	0.1	1.2	0.0	0.2	0.2	0.2	2.6	2.8
43099	43464	2038	2039	0.2	1.1	0.1	1.2	0.0	0.2	0.2	0.2	2.6	2.8
43464	43830	2039	2040	0.2	1.1	0.1	1.1	0.0	0.2	0.2	0.2	2.6	2.8
43830	44195	2040	2041	0.2	1.1	0.1	1.1	0.0	0.2	0.2	0.2	2.6	2.8
44195	44560	2041	2042	0.2	1.1	0.1	1.1	0.0	0.2	0.2	0.2	2.6	2.8
44560	44925	2042	2043	0.2	1.1	0.1	1.1	0.0	0.2	0.1	0.2	2.6	2.8
44925	45291	2043	2044	0.2	1.1	0.1	1.1	0.0	0.2	0.1	0.2	2.6	2.8
45291	45656	2044	2045	0.2	1.1	0.1	1.1	0.0	0.2	0.1	0.2	2.6	2.8
45656	46021	2045	2046	0.2	1.1	0.1	1.1	0.0	0.2	0.1	0.2	2.6	2.8
46021	46386	2046	2047	0.2	1.1	0.1	1.1	0.0	0.2	0.1	0.2	2.6	2.8
46386	46752	2047	2048	0.2	1.1	0.1	1.1	0.0	0.2	0.1	0.2	2.6	2.8
46752	47117	2048	2049	0.2	1.1	0.1	1.1	0.0	0.2	0.1	0.2	2.6	2.8
47117	47482	2049	2050	0.2	1.1	0.1	1.1	0.0	0.2	0.1	0.2	2.6	2.8
47482	47847	2050	2051	0.2	1.1	0.1	1.1	0.0	0.2	0.1	0.2	2.6	2.8
47847	48213	2051	2052	0.2	1.1	0.1	1.1	0.0	0.2	0.1	0.2	2.6	2.8
48213	48578	2052	2053	0.2	1.1	0.1	1.1	0.0	0.2	0.1	0.2	2.6	2.8
48578	48943	2053	2054	0.2	1.1	0.1	1.1	0.0	0.2	0.1	0.2	2.6	2.8
48943	49308	2054	2055	0.2	1.1	0.1	1.1	0.0	0.2	0.1	0.2	2.5	2.8
49308	49674	2055	2056	0.2	1.1	0.1	1.1	0.0	0.2	0.1	0.2	2.5	2.8
49674	50039	2056	2057	0.2	1.1	0.1	1.1	0.0	0.2	0.1	0.2	2.5	2.8
50039	50404	2057	2058	0.2	1.1	0.1	1.1	0.0	0.2	0.1	0.2	2.5	2.8
50404	50769	2058	2059	0.2	1.1	0.1	1.1	0.0	0.2	0.1	0.2	2.5	2.7
50769	51135	2059	2060	0.2	1.1	0.1	1.1	0.0	0.2	0.1	0.2	2.5	2.7
51135	51500	2060	2061	0.2	1.1	0.1	1.1	0.0	0.2	0.1	0.2	2.5	2.7
51500	51865	2061	2062	0.2	1.1	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
51865	52230	2062	2063	0.2	1.1	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
52230	52596	2063	2064	0.2	1.1	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
52596	52961	2064	2065	0.2	1.1	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
52961	53326	2065	2066	0.2	1.1	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
53326	53691	2066	2067	0.2	1.1	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7

B-5(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3c) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	0.2	1.1	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
54057	54422	2068	2069	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
54422	54787	2069	2070	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
54787	55152	2070	2071	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
55152	55518	2071	2072	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
55518	55883	2072	2073	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
55883	56248	2073	2074	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
56248	56613	2074	2075	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
56613	56979	2075	2076	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
56979	57344	2076	2077	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
57344	57709	2077	2078	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
57709	58074	2078	2079	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
58074	58440	2079	2080	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
58440	58805	2080	2081	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
58805	59170	2081	2082	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
59170	59535	2082	2083	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
59535	59901	2083	2084	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
59901	60266	2084	2085	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
60266	60631	2085	2086	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
60631	60996	2086	2087	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
60996	61362	2087	2088	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
61362	61727	2088	2089	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.7
61727	62092	2089	2090	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.6
62092	62457	2090	2091	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.6
62457	62823	2091	2092	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.6
62823	63188	2092	2093	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.6
63188	63553	2093	2094	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.6
63553	63918	2094	2095	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.6
63918	64284	2095	2096	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.6
64284	64649	2096	2097	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.6
64649	65014	2097	2098	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.6
65014	65379	2098	2099	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.6
65379	65745	2099	2100	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.5	2.6
65745	66110	2100	2101	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.4	2.6
66110	66475	2101	2102	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.4	2.6
66475	66840	2102	2103	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.4	2.6
66840	67206	2103	2104	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.4	2.6
67206	67571	2104	2105	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.4	2.6
67571	67936	2105	2106	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.4	2.6
67936	68301	2106	2107	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.4	2.6
68301	68667	2107	2108	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.4	2.6
68667	69032	2108	2109	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.4	2.6
69032	69397	2109	2110	0.2	1.0	0.1	1.1	0.0	0.1	0.1	0.2	2.4	2.6
	Salinity (mg/L)			5,000	6,000	10,000	7,000	5,000	7,000	7,000			

B-5(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3c) (floodplain to river)



B-5(S3c). Graph of modelled salt load (tonnes/day) entering the River Murray in the Mannum to Murray Bridge area (Scenario 3c) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	3652	1920	1930	31	253	400	298	705	646	479	1751	1061	2812
3652	7305	1930	1940	18	215	296	1068	601	528	427	1425	1728	3153
7305	14610	1940	1960	19	237	303	2670	601	529	435	1433	3361	4793
14610	18263	1960	1970	36	603	699	2693	987	530	437	2216	3769	5985
18263	21915	1970	1980	44	650	718	2705	1000	530	439	2248	3838	6086
21915	24837	1980	1988	46	664	723	2711	1004	531	441	2257	3862	6119
24837	25202	1988	1989	47	665	723	2712	1004	531	441	2257	3864	6121
25202	25567	1989	1990	47	666	723	2712	1004	531	441	2258	3865	6123
25567	25932	1990	1991	47	667	723	2713	1004	531	441	2258	3867	6125
25932	26298	1991	1992	47	667	724	2713	1004	531	441	2259	3868	6127
26298	26663	1992	1993	47	668	724	2713	1004	531	441	2259	3869	6128
26663	27028	1993	1994	47	668	724	2713	1004	531	441	2259	3870	6129
27028	27393	1994	1995	47	669	724	2714	1005	531	441	2259	3871	6130
27393	27759	1995	1996	47	670	724	2740	1005	531	441	2260	3899	6159
27759	28124	1996	1997	47	672	725	2764	1005	531	442	2260	3925	6185
28124	28489	1997	1998	48	675	725	2783	1005	531	442	2261	3946	6207
28489	28854	1998	1999	49	671	723	2704	989	555	457	2268	3881	6148
28854	29220	1999	2000	51	652	695	2499	958	576	469	2229	3671	5899
29220	29585	2000	2001	49	598	547	2273	828	512	421	1887	3341	5228
29585	29950	2001	2002	49	601	570	2160	873	568	469	2010	3279	5288
29950	30315	2002	2003	52	635	681	2079	987	657	541	2325	3307	5632
30315	30681	2003	2004	55	657	740	1982	1062	716	587	2519	3281	5800
30681	31046	2004	2005	53	607	554	1847	906	635	524	2095	3031	5126
31046	31411	2005	2006	54	604	562	1794	908	650	531	2120	2983	5103
31411	31776	2006	2007	55	595	557	1716	899	656	533	2112	2900	5012
31776	32142	2007	2008	61	649	777	1797	1102	788	631	2667	3139	5805
32142	32507	2008	2009	82	809	1410	2018	1747	1180	906	4337	3815	8153
32507	32872	2009	2010	102	917	1769	2123	2253	1494	1108	5516	4250	9767
32872	33237	2010	2011	97	815	1261	1921	1887	1250	968	4398	3800	8198
33237	33603	2011	2012	94	760	1031	1813	1711	1143	900	3885	3566	7451
33603	33968	2012	2013	92	724	912	1739	1600	1078	857	3590	3411	7002
33968	34333	2013	2014	91	697	843	1682	1522	1034	827	3399	3297	6696
34333	34698	2014	2015	89	677	799	1636	1463	1002	804	3264	3205	6469
34698	35064	2015	2016	89	660	768	1595	1417	977	786	3162	3130	6292
35064	35429	2016	2017	88	647	746	1560	1379	957	771	3082	3066	6148
35429	35794	2017	2018	88	636	728	1528	1348	940	759	3016	3010	6026
35794	36159	2018	2019	87	626	714	1483	1321	926	749	2960	2945	5905
36159	36525	2019	2020	87	618	702	1467	1297	913	740	2913	2911	5824
36525	36890	2020	2021	87	610	692	1456	1277	903	732	2872	2884	5756
36890	37255	2021	2022	86	604	684	1447	1260	894	726	2838	2863	5701
37255	37620	2022	2023	86	599	677	1439	1244	886	720	2806	2844	5650
37620	37986	2023	2024	86	594	670	1433	1230	879	715	2779	2828	5607
37986	38351	2024	2025	86	597	683	1427	1218	875	719	2777	2829	5606

B-5(S4). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 4) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	86	599	685	1422	1207	874	721	2767	2827	5594
38716	39081	2026	2027	85	600	686	1425	1196	896	724	2778	2835	5613
39081	39447	2027	2028	85	601	685	1423	1186	908	724	2779	2834	5613
39447	39812	2028	2029	85	606	686	1427	1178	927	725	2791	2844	5635
39812	40177	2029	2030	85	612	685	1436	1171	932	725	2788	2858	5646
40177	40542	2030	2031	85	620	692	1449	1163	935	740	2790	2894	5683
40542	40908	2031	2032	85	627	695	1456	1156	936	745	2786	2913	5700
40908	41273	2032	2033	85	640	695	1467	1158	961	748	2814	2939	5753
41273	41638	2033	2034	85	651	695	1474	1156	965	750	2816	2960	5776
41638	42003	2034	2035	85	659	695	1480	1153	966	751	2814	2974	5788
42003	42369	2035	2036	86	671	732	1505	1156	969	756	2857	3019	5876
42369	42734	2036	2037	86	684	748	1517	1160	977	762	2885	3049	5934
42734	43099	2037	2038	86	695	756	1524	1162	983	766	2901	3071	5972
43099	43464	2038	2039	87	704	760	1529	1163	988	769	2911	3088	5999
43464	43830	2039	2040	87	712	762	1532	1162	993	771	2917	3102	6019
43830	44195	2040	2041	87	719	763	1535	1162	996	772	2920	3113	6034
44195	44560	2041	2042	87	726	763	1537	1160	999	773	2922	3123	6046
44560	44925	2042	2043	87	732	763	1539	1159	1001	774	2923	3132	6055
44925	45291	2043	2044	87	737	763	1540	1158	1003	775	2924	3139	6063
45291	45656	2044	2045	87	741	763	1542	1156	1004	776	2923	3146	6069
45656	46021	2045	2046	87	746	763	1543	1154	1005	776	2923	3152	6074
46021	46386	2046	2047	87	750	763	1544	1153	1006	777	2922	3157	6078
46386	46752	2047	2048	87	753	762	1544	1151	1007	777	2920	3162	6082
46752	47117	2048	2049	87	756	762	1545	1149	1008	777	2919	3166	6085
47117	47482	2049	2050	87	759	762	1546	1148	1008	778	2917	3170	6087
47482	47847	2050	2051	87	762	761	1546	1146	1008	778	2916	3173	6089
47847	48213	2051	2052	87	764	761	1547	1144	1009	778	2914	3177	6090
48213	48578	2052	2053	88	767	761	1547	1143	1009	778	2912	3180	6091
48578	48943	2053	2054	88	769	760	1548	1141	1009	778	2910	3182	6092
48943	49308	2054	2055	88	770	760	1548	1139	1009	778	2908	3185	6093
49308	49674	2055	2056	88	772	760	1549	1138	1009	779	2906	3187	6094
49674	50039	2056	2057	88	774	759	1549	1136	1009	779	2904	3190	6094
50039	50404	2057	2058	88	775	759	1550	1135	1009	779	2902	3192	6094
50404	50769	2058	2059	88	777	759	1550	1133	1009	779	2900	3194	6094
50769	51135	2059	2060	88	778	758	1551	1131	1009	779	2898	3196	6094
51135	51500	2060	2061	88	780	758	1551	1130	1008	779	2896	3197	6094
51500	51865	2061	2062	88	781	758	1551	1129	1008	779	2894	3199	6094
51865	52230	2062	2063	88	782	758	1552	1127	1008	779	2893	3201	6093
52230	52596	2063	2064	88	783	757	1552	1126	1008	779	2891	3202	6093
52596	52961	2064	2065	88	784	757	1553	1124	1008	779	2889	3204	6093
52961	53326	2065	2066	88	785	757	1553	1123	1007	779	2887	3205	6092
53326	53691	2066	2067	88	786	756	1553	1122	1007	779	2885	3206	6092

B-5(S4). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 4) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	88	786	756	1554	1120	1007	779	2883	3208	6091
54057	54422	2068	2069	88	787	756	1554	1119	1007	779	2882	3209	6091
54422	54787	2069	2070	89	788	756	1554	1118	1006	779	2880	3210	6090
54787	55152	2070	2071	89	789	755	1555	1117	1006	779	2878	3211	6089
55152	55518	2071	2072	89	789	755	1555	1116	1006	779	2877	3212	6089
55518	55883	2072	2073	89	790	755	1555	1114	1006	779	2875	3213	6088
55883	56248	2073	2074	89	791	755	1555	1113	1005	779	2873	3214	6087
56248	56613	2074	2075	89	791	755	1556	1112	1005	779	2872	3215	6087
56613	56979	2075	2076	89	792	754	1556	1111	1005	779	2870	3216	6086
56979	57344	2076	2077	89	792	754	1556	1110	1004	779	2868	3217	6085
57344	57709	2077	2078	89	793	754	1557	1109	1004	779	2867	3218	6085
57709	58074	2078	2079	89	793	754	1557	1108	1004	779	2865	3219	6084
58074	58440	2079	2080	89	794	753	1557	1107	1004	779	2864	3219	6083
58440	58805	2080	2081	89	794	753	1557	1106	1003	779	2862	3220	6082
58805	59170	2081	2082	89	795	753	1558	1105	1003	779	2861	3221	6082
59170	59535	2082	2083	89	795	753	1558	1104	1003	780	2860	3222	6081
59535	59901	2083	2084	89	795	753	1558	1103	1003	780	2858	3222	6080
59901	60266	2084	2085	89	796	752	1558	1102	1002	780	2857	3223	6080
60266	60631	2085	2086	89	796	752	1558	1101	1002	780	2855	3223	6079
60631	60996	2086	2087	89	797	752	1559	1100	1002	780	2854	3224	6078
60996	61362	2087	2088	89	797	752	1559	1099	1002	780	2853	3225	6077
61362	61727	2088	2089	89	797	752	1559	1099	1001	780	2851	3225	6077
61727	62092	2089	2090	89	797	752	1559	1098	1001	780	2850	3226	6076
62092	62457	2090	2091	89	798	751	1559	1097	1001	780	2849	3226	6075
62457	62823	2091	2092	90	798	751	1560	1096	1001	780	2848	3227	6075
62823	63188	2092	2093	90	798	751	1560	1095	1000	780	2847	3227	6074
63188	63553	2093	2094	90	799	751	1560	1095	1000	780	2845	3228	6073
63553	63918	2094	2095	90	799	751	1560	1094	1000	780	2844	3228	6072
63918	64284	2095	2096	90	799	751	1560	1093	999	780	2843	3229	6072
64284	64649	2096	2097	90	799	750	1560	1092	999	780	2842	3229	6071
64649	65014	2097	2098	90	800	750	1561	1092	999	780	2841	3230	6070
65014	65379	2098	2099	90	800	750	1561	1091	999	780	2840	3230	6070
65379	65745	2099	2100	90	800	750	1561	1090	999	780	2839	3230	6069
65745	66110	2100	2101	90	800	750	1561	1090	998	780	2838	3231	6068
66110	66475	2101	2102	90	800	750	1561	1089	998	780	2837	3231	6068
66475	66840	2102	2103	90	800	750	1561	1088	998	780	2836	3231	6067
66840	67206	2103	2104	90	801	749	1561	1088	998	780	2835	3232	6066
67206	67571	2104	2105	90	801	749	1561	1087	997	780	2834	3232	6066
67571	67936	2105	2106	90	801	749	1562	1086	997	780	2833	3232	6065
67936	68301	2106	2107	90	801	749	1562	1086	997	780	2832	3233	6065
68301	68667	2107	2108	90	801	749	1562	1085	997	780	2831	3233	6064
68667	69032	2108	2109	90	801	749	1562	1085	997	780	2830	3233	6063
69032	69397	2109	2110	90	801	749	1562	1085	997	780	2830	3233	6063

B-5(S4). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 4) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	3652	1920	1930	5	18	2	0	0	0	0	2	24	25
3652	7305	1930	1940	6	18	2	78	0	0	0	2	102	104
7305	14610	1940	1960	7	19	2	134	0	0	0	2	160	161
14610	18263	1960	1970	10	23	2	145	0	0	0	2	178	179
18263	21915	1970	1980	13	32	2	150	0	0	0	2	195	197
21915	24837	1980	1988	14	38	2	153	0	0	0	2	205	207
24837	25202	1988	1989	14	38	2	153	0	0	0	2	206	208
25202	25567	1989	1990	14	39	2	154	0	0	0	2	207	208
25567	25932	1990	1991	14	39	2	154	0	0	0	2	207	209
25932	26298	1991	1992	14	39	2	154	0	0	0	2	208	210
26298	26663	1992	1993	15	40	2	154	0	0	0	2	208	210
26663	27028	1993	1994	15	40	2	154	0	0	0	2	209	211
27028	27393	1994	1995	15	40	2	154	0	0	0	2	209	211
27393	27759	1995	1996	15	41	2	195	0	0	0	2	250	252
27759	28124	1996	1997	15	41	2	224	0	0	0	2	280	282
28124	28489	1997	1998	15	42	2	245	0	0	0	2	302	304
28489	28854	1998	1999	15	42	2	257	0	0	0	2	314	316
28854	29220	1999	2000	15	43	2	250	0	0	0	2	308	309
29220	29585	2000	2001	9	26	2	233	0	0	0	2	268	270
29585	29950	2001	2002	10	94	3	242	0	0	4	3	350	353
29950	30315	2002	2003	17	123	5	252	0	0	10	5	402	407
30315	30681	2003	2004	23	141	6	251	0	0	14	6	428	434
30681	31046	2004	2005	14	115	6	230	0	0	4	6	364	370
31046	31411	2005	2006	14	116	6	229	0	0	4	6	363	369
31411	31776	2006	2007	14	114	6	226	0	0	3	6	356	362
31776	32142	2007	2008	28	149	6	244	0	1	14	7	435	442
32142	32507	2008	2009	74	251	64	291	0	151	63	215	680	895
32507	32872	2009	2010	113	332	144	321	0	312	112	456	879	1335
32872	33237	2010	2011	87	283	93	279	0	199	76	293	725	1017
33237	33603	2011	2012	74	259	66	257	0	149	62	215	652	867
33603	33968	2012	2013	66	243	48	242	0	120	53	168	605	773
33968	34333	2013	2014	61	233	36	230	0	99	47	136	570	706
34333	34698	2014	2015	57	224	28	220	0	85	42	113	544	657
34698	35064	2015	2016	54	218	21	212	0	74	39	96	522	618
35064	35429	2016	2017	52	212	17	204	0	66	36	83	504	586
35429	35794	2017	2018	50	207	13	197	0	58	33	71	488	559
35794	36159	2018	2019	49	203	10	188	0	52	31	63	471	534
36159	36525	2019	2020	47	200	8	183	0	47	30	55	460	515
36525	36890	2020	2021	46	196	7	179	0	42	28	49	450	499
36890	37255	2021	2022	46	193	6	176	0	39	27	45	442	487
37255	37620	2022	2023	45	191	6	174	0	35	26	41	435	476
37620	37986	2023	2024	44	188	6	171	0	33	25	39	429	467
37986	38351	2024	2025	43	201	8	174	0	40	24	47	442	490

B-5(S4). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 4) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	43	208	8	175	0	42	23	50	449	499
38716	39081	2026	2027	43	213	8	194	0	50	22	57	471	529
39081	39447	2027	2028	43	215	8	197	0	56	22	63	476	540
39447	39812	2028	2029	42	216	7	199	0	62	29	70	487	557
39812	40177	2029	2030	42	217	7	200	0	67	32	74	492	565
40177	40542	2030	2031	42	217	7	205	0	73	35	80	499	579
40542	40908	2031	2032	42	218	7	205	0	76	37	83	502	585
40908	41273	2032	2033	42	221	7	208	0	81	43	88	515	603
41273	41638	2033	2034	42	227	7	210	0	85	48	92	526	619
41638	42003	2034	2035	42	231	8	211	0	87	50	94	534	629
42003	42369	2035	2036	42	245	8	212	0	116	56	124	556	679
42369	42734	2036	2037	42	261	8	213	0	128	65	136	581	717
42734	43099	2037	2038	42	274	9	214	0	136	70	144	600	745
43099	43464	2038	2039	42	285	9	215	0	142	73	150	616	766
43464	43830	2039	2040	42	293	9	216	0	146	76	155	628	782
43830	44195	2040	2041	42	300	9	217	0	149	78	158	637	795
44195	44560	2041	2042	42	306	9	218	0	152	79	160	645	806
44560	44925	2042	2043	42	310	9	218	0	154	81	162	652	814
44925	45291	2043	2044	43	315	9	219	0	155	81	164	658	821
45291	45656	2044	2045	43	318	9	220	0	157	82	165	663	828
45656	46021	2045	2046	43	321	8	220	0	158	83	166	667	833
46021	46386	2046	2047	43	324	8	221	0	158	83	167	671	838
46386	46752	2047	2048	43	327	8	221	0	159	84	167	674	842
46752	47117	2048	2049	43	329	8	221	0	160	84	168	678	845
47117	47482	2049	2050	43	331	8	222	0	160	84	168	680	849
47482	47847	2050	2051	43	333	8	222	0	160	85	168	683	852
47847	48213	2051	2052	43	335	8	223	0	161	85	169	686	854
48213	48578	2052	2053	43	336	8	223	0	161	85	169	688	857
48578	48943	2053	2054	43	338	8	223	0	161	85	169	690	859
48943	49308	2054	2055	43	339	8	224	0	161	85	169	692	861
49308	49674	2055	2056	44	341	8	224	0	161	85	169	694	863
49674	50039	2056	2057	44	342	8	224	0	161	86	169	695	865
50039	50404	2057	2058	44	343	8	224	0	161	86	169	697	866
50404	50769	2058	2059	44	344	8	225	0	161	86	169	699	868
50769	51135	2059	2060	44	345	8	225	0	161	86	169	700	869
51135	51500	2060	2061	44	346	8	225	0	161	86	169	702	871
51500	51865	2061	2062	44	347	8	225	0	161	86	169	703	872
51865	52230	2062	2063	44	348	8	226	0	161	86	169	704	873
52230	52596	2063	2064	45	349	8	226	0	161	86	169	705	874
52596	52961	2064	2065	45	350	8	226	0	161	86	169	707	876
52961	53326	2065	2066	45	351	8	226	0	160	86	169	708	877
53326	53691	2066	2067	45	351	8	226	0	160	86	169	709	878

B-5(S4). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 4) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	45	352	8	227	0	160	86	169	710	879
54057	54422	2068	2069	45	353	8	227	0	160	86	168	711	879
54422	54787	2069	2070	45	353	8	227	0	160	86	168	712	880
54787	55152	2070	2071	46	354	8	227	0	160	86	168	713	881
55152	55518	2071	2072	46	354	8	227	0	160	86	168	714	882
55518	55883	2072	2073	46	355	8	227	0	159	87	168	715	883
55883	56248	2073	2074	46	356	8	228	0	159	87	168	716	883
56248	56613	2074	2075	46	356	8	228	0	159	87	168	717	884
56613	56979	2075	2076	46	357	8	228	0	159	87	167	717	885
56979	57344	2076	2077	46	357	8	228	0	159	87	167	718	885
57344	57709	2077	2078	47	358	8	228	0	159	87	167	719	886
57709	58074	2078	2079	47	358	8	228	0	159	87	167	720	887
58074	58440	2079	2080	47	358	8	228	0	158	87	167	720	887
58440	58805	2080	2081	47	359	8	228	0	158	87	167	721	888
58805	59170	2081	2082	47	359	8	229	0	158	87	167	722	888
59170	59535	2082	2083	47	360	8	229	0	158	87	166	722	889
59535	59901	2083	2084	47	360	8	229	0	158	87	166	723	889
59901	60266	2084	2085	47	360	8	229	0	158	87	166	724	890
60266	60631	2085	2086	48	361	8	229	0	157	87	166	724	890
60631	60996	2086	2087	48	361	8	229	0	157	87	166	725	891
60996	61362	2087	2088	48	361	8	229	0	157	87	166	725	891
61362	61727	2088	2089	48	362	9	229	0	157	87	165	726	891
61727	62092	2089	2090	48	362	9	229	0	157	87	165	726	892
62092	62457	2090	2091	48	362	9	229	0	157	87	165	727	892
62457	62823	2091	2092	48	363	9	229	0	157	87	165	727	892
62823	63188	2092	2093	49	363	9	230	0	156	87	165	728	893
63188	63553	2093	2094	49	363	9	230	0	156	87	165	728	893
63553	63918	2094	2095	49	363	9	230	0	156	87	165	729	894
63918	64284	2095	2096	49	364	9	230	0	156	87	164	729	894
64284	64649	2096	2097	49	364	9	230	0	156	87	164	730	894
64649	65014	2097	2098	49	364	9	230	0	156	87	164	730	894
65014	65379	2098	2099	49	364	9	230	0	156	87	164	731	895
65379	65745	2099	2100	49	365	9	230	0	155	87	164	731	895
65745	66110	2100	2101	50	365	9	230	0	155	87	164	731	895
66110	66475	2101	2102	50	365	9	230	0	155	87	164	732	895
66475	66840	2102	2103	50	365	9	230	0	155	87	164	732	896
66840	67206	2103	2104	50	365	9	230	0	155	87	163	733	896
67206	67571	2104	2105	50	365	9	230	0	155	87	163	733	896
67571	67936	2105	2106	50	366	9	230	0	155	87	163	733	896
67936	68301	2106	2107	50	366	9	230	0	155	87	163	734	897
68301	68667	2107	2108	50	366	9	230	0	154	87	163	734	897
68667	69032	2108	2109	50	366	9	230	0	154	87	163	734	897
69032	69397	2109	2110	50	366	9	230	0	154	87	163	734	897

B-5(S4). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 4) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (m^3/day)	Total West (m^3/day)	Salt load (m^3/day)
0	3652	1920	1930	0.2	1.5	4.0	2.1	3.5	4.5	3.4	12.0	7.1	19.2
3652	7305	1930	1940	0.1	1.3	3.0	7.5	3.0	3.7	3.0	9.7	11.8	21.5
7305	14610	1940	1960	0.1	1.4	3.0	18.7	3.0	3.7	3.0	9.7	23.2	33.0
14610	18263	1960	1970	0.2	3.6	7.0	18.9	4.9	3.7	3.1	15.6	25.7	41.3
18263	21915	1970	1980	0.2	3.9	7.2	18.9	5.0	3.7	3.1	15.9	26.1	42.0
21915	24837	1980	1988	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.2
24837	25202	1988	1989	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
25202	25567	1989	1990	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
25567	25932	1990	1991	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
25932	26298	1991	1992	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
26298	26663	1992	1993	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
26663	27028	1993	1994	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
27028	27393	1994	1995	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
27393	27759	1995	1996	0.2	4.0	7.2	19.2	5.0	3.7	3.1	16.0	26.5	42.5
27759	28124	1996	1997	0.2	4.0	7.2	19.3	5.0	3.7	3.1	16.0	26.7	42.7
28124	28489	1997	1998	0.2	4.0	7.2	19.5	5.0	3.7	3.1	16.0	26.9	42.8
28489	28854	1998	1999	0.2	4.0	7.2	18.9	4.9	3.9	3.2	16.1	26.4	42.5
28854	29220	1999	2000	0.3	3.9	6.9	17.5	4.8	4.0	3.3	15.8	24.9	40.7
29220	29585	2000	2001	0.2	3.6	5.5	15.9	4.1	3.6	2.9	13.2	22.7	35.9
29585	29950	2001	2002	0.2	3.6	5.7	15.1	4.4	4.0	3.3	14.0	22.3	36.3
29950	30315	2002	2003	0.3	3.8	6.8	14.6	4.9	4.6	3.8	16.3	22.4	38.7
30315	30681	2003	2004	0.3	3.9	7.4	13.9	5.3	5.0	4.1	17.7	22.2	39.9
30681	31046	2004	2005	0.3	3.6	5.5	12.9	4.5	4.4	3.7	14.5	20.5	35.0
31046	31411	2005	2006	0.3	3.6	5.6	12.6	4.5	4.5	3.7	14.7	20.2	34.9
31411	31776	2006	2007	0.3	3.6	5.6	12.0	4.5	4.6	3.7	14.7	19.6	34.3
31776	32142	2007	2008	0.3	3.9	7.8	12.6	5.5	5.5	4.4	18.8	21.2	40.0
32142	32507	2008	2009	0.4	4.9	14.1	14.1	8.7	8.3	6.3	31.1	25.7	56.8
32507	32872	2009	2010	0.5	5.5	17.7	14.9	11.3	10.5	7.8	39.4	28.6	68.0
32872	33237	2010	2011	0.5	4.9	12.6	13.4	9.4	8.7	6.8	30.8	25.6	56.4
33237	33603	2011	2012	0.5	4.6	10.3	12.7	8.6	8.0	6.3	26.9	24.0	50.9
33603	33968	2012	2013	0.5	4.3	9.1	12.2	8.0	7.5	6.0	24.7	23.0	47.6
33968	34333	2013	2014	0.5	4.2	8.4	11.8	7.6	7.2	5.8	23.3	22.2	45.5
34333	34698	2014	2015	0.4	4.1	8.0	11.4	7.3	7.0	5.6	22.3	21.6	43.9
34698	35064	2015	2016	0.4	4.0	7.7	11.2	7.1	6.8	5.5	21.6	21.1	42.7
35064	35429	2016	2017	0.4	3.9	7.5	10.9	6.9	6.7	5.4	21.1	20.6	41.7
35429	35794	2017	2018	0.4	3.8	7.3	10.7	6.7	6.6	5.3	20.6	20.3	40.9
35794	36159	2018	2019	0.4	3.8	7.1	10.4	6.6	6.5	5.2	20.2	19.8	40.0
36159	36525	2019	2020	0.4	3.7	7.0	10.3	6.5	6.4	5.2	19.9	19.6	39.5
36525	36890	2020	2021	0.4	3.7	6.9	10.2	6.4	6.3	5.1	19.6	19.4	39.0
36890	37255	2021	2022	0.4	3.6	6.8	10.1	6.3	6.3	5.1	19.4	19.3	38.7
37255	37620	2022	2023	0.4	3.6	6.8	10.1	6.2	6.2	5.0	19.2	19.1	38.3
37620	37986	2023	2024	0.4	3.6	6.7	10.0	6.1	6.2	5.0	19.0	19.0	38.0
37986	38351	2024	2025	0.4	3.6	6.8	10.0	6.1	6.1	5.0	19.1	19.0	38.1

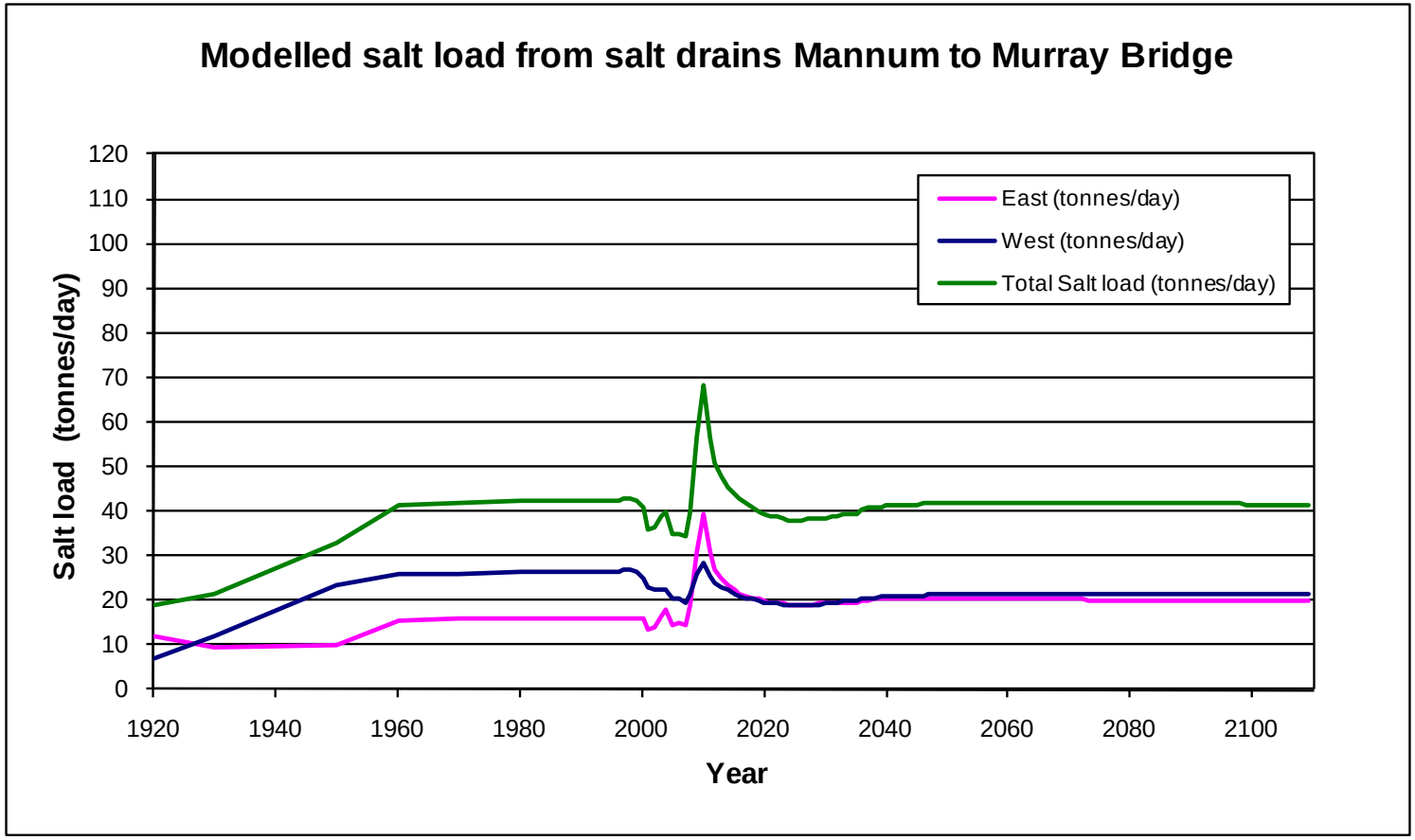
B-5(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 4) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	0.4	3.6	6.9	10.0	6.0	6.1	5.0	19.0	19.0	38.0
38716	39081	2026	2027	0.4	3.6	6.9	10.0	6.0	6.3	5.1	19.1	19.1	38.2
39081	39447	2027	2028	0.4	3.6	6.9	10.0	5.9	6.4	5.1	19.1	19.1	38.2
39447	39812	2028	2029	0.4	3.6	6.9	10.0	5.9	6.5	5.1	19.2	19.1	38.4
39812	40177	2029	2030	0.4	3.7	6.9	10.1	5.9	6.5	5.1	19.2	19.2	38.5
40177	40542	2030	2031	0.4	3.7	6.9	10.1	5.8	6.5	5.2	19.3	19.5	38.7
40542	40908	2031	2032	0.4	3.8	6.9	10.2	5.8	6.6	5.2	19.3	19.6	38.9
40908	41273	2032	2033	0.4	3.8	7.0	10.3	5.8	6.7	5.2	19.5	19.8	39.2
41273	41638	2033	2034	0.4	3.9	7.0	10.3	5.8	6.8	5.2	19.5	19.9	39.4
41638	42003	2034	2035	0.4	4.0	6.9	10.4	5.8	6.8	5.3	19.5	20.0	39.5
42003	42369	2035	2036	0.4	4.0	7.3	10.5	5.8	6.8	5.3	19.9	20.3	40.2
42369	42734	2036	2037	0.4	4.1	7.5	10.6	5.8	6.8	5.3	20.1	20.5	40.6
42734	43099	2037	2038	0.4	4.2	7.6	10.7	5.8	6.9	5.4	20.3	20.6	40.9
43099	43464	2038	2039	0.4	4.2	7.6	10.7	5.8	6.9	5.4	20.3	20.7	41.1
43464	43830	2039	2040	0.4	4.3	7.6	10.7	5.8	6.9	5.4	20.4	20.8	41.2
43830	44195	2040	2041	0.4	4.3	7.6	10.7	5.8	7.0	5.4	20.4	20.9	41.3
44195	44560	2041	2042	0.4	4.4	7.6	10.8	5.8	7.0	5.4	20.4	21.0	41.4
44560	44925	2042	2043	0.4	4.4	7.6	10.8	5.8	7.0	5.4	20.4	21.0	41.5
44925	45291	2043	2044	0.4	4.4	7.6	10.8	5.8	7.0	5.4	20.4	21.1	41.5
45291	45656	2044	2045	0.4	4.4	7.6	10.8	5.8	7.0	5.4	20.4	21.1	41.5
45656	46021	2045	2046	0.4	4.5	7.6	10.8	5.8	7.0	5.4	20.4	21.1	41.6
46021	46386	2046	2047	0.4	4.5	7.6	10.8	5.8	7.0	5.4	20.4	21.2	41.6
46386	46752	2047	2048	0.4	4.5	7.6	10.8	5.8	7.0	5.4	20.4	21.2	41.6
46752	47117	2048	2049	0.4	4.5	7.6	10.8	5.7	7.1	5.4	20.4	21.2	41.6
47117	47482	2049	2050	0.4	4.6	7.6	10.8	5.7	7.1	5.4	20.4	21.3	41.7
47482	47847	2050	2051	0.4	4.6	7.6	10.8	5.7	7.1	5.4	20.4	21.3	41.7
47847	48213	2051	2052	0.4	4.6	7.6	10.8	5.7	7.1	5.4	20.4	21.3	41.7
48213	48578	2052	2053	0.4	4.6	7.6	10.8	5.7	7.1	5.4	20.4	21.3	41.7
48578	48943	2053	2054	0.4	4.6	7.6	10.8	5.7	7.1	5.4	20.4	21.3	41.7
48943	49308	2054	2055	0.4	4.6	7.6	10.8	5.7	7.1	5.4	20.4	21.3	41.7
49308	49674	2055	2056	0.4	4.6	7.6	10.8	5.7	7.1	5.4	20.3	21.4	41.7
49674	50039	2056	2057	0.4	4.6	7.6	10.8	5.7	7.1	5.5	20.3	21.4	41.7
50039	50404	2057	2058	0.4	4.7	7.6	10.8	5.7	7.1	5.5	20.3	21.4	41.7
50404	50769	2058	2059	0.4	4.7	7.6	10.9	5.7	7.1	5.5	20.3	21.4	41.7
50769	51135	2059	2060	0.4	4.7	7.6	10.9	5.7	7.1	5.5	20.3	21.4	41.7
51135	51500	2060	2061	0.4	4.7	7.6	10.9	5.7	7.1	5.5	20.3	21.4	41.7
51500	51865	2061	2062	0.4	4.7	7.6	10.9	5.6	7.1	5.5	20.3	21.4	41.7
51865	52230	2062	2063	0.4	4.7	7.6	10.9	5.6	7.1	5.5	20.3	21.4	41.7
52230	52596	2063	2064	0.4	4.7	7.6	10.9	5.6	7.1	5.5	20.3	21.5	41.7
52596	52961	2064	2065	0.4	4.7	7.6	10.9	5.6	7.1	5.5	20.2	21.5	41.7
52961	53326	2065	2066	0.4	4.7	7.6	10.9	5.6	7.1	5.5	20.2	21.5	41.7
53326	53691	2066	2067	0.4	4.7	7.6	10.9	5.6	7.0	5.5	20.2	21.5	41.7

B-5(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 4) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	0.4	4.7	7.6	10.9	5.6	7.0	5.5	20.2	21.5	41.7
54057	54422	2068	2069	0.4	4.7	7.6	10.9	5.6	7.0	5.5	20.2	21.5	41.7
54422	54787	2069	2070	0.4	4.7	7.6	10.9	5.6	7.0	5.5	20.2	21.5	41.7
54787	55152	2070	2071	0.4	4.7	7.6	10.9	5.6	7.0	5.5	20.2	21.5	41.7
55152	55518	2071	2072	0.4	4.7	7.6	10.9	5.6	7.0	5.5	20.2	21.5	41.7
55518	55883	2072	2073	0.4	4.7	7.5	10.9	5.6	7.0	5.5	20.2	21.5	41.7
55883	56248	2073	2074	0.4	4.7	7.5	10.9	5.6	7.0	5.5	20.2	21.5	41.7
56248	56613	2074	2075	0.4	4.7	7.5	10.9	5.6	7.0	5.5	20.1	21.5	41.7
56613	56979	2075	2076	0.4	4.8	7.5	10.9	5.6	7.0	5.5	20.1	21.5	41.7
56979	57344	2076	2077	0.4	4.8	7.5	10.9	5.5	7.0	5.5	20.1	21.5	41.7
57344	57709	2077	2078	0.4	4.8	7.5	10.9	5.5	7.0	5.5	20.1	21.6	41.7
57709	58074	2078	2079	0.4	4.8	7.5	10.9	5.5	7.0	5.5	20.1	21.6	41.7
58074	58440	2079	2080	0.4	4.8	7.5	10.9	5.5	7.0	5.5	20.1	21.6	41.7
58440	58805	2080	2081	0.4	4.8	7.5	10.9	5.5	7.0	5.5	20.1	21.6	41.7
58805	59170	2081	2082	0.4	4.8	7.5	10.9	5.5	7.0	5.5	20.1	21.6	41.6
59170	59535	2082	2083	0.4	4.8	7.5	10.9	5.5	7.0	5.5	20.1	21.6	41.6
59535	59901	2083	2084	0.4	4.8	7.5	10.9	5.5	7.0	5.5	20.1	21.6	41.6
59901	60266	2084	2085	0.4	4.8	7.5	10.9	5.5	7.0	5.5	20.1	21.6	41.6
60266	60631	2085	2086	0.4	4.8	7.5	10.9	5.5	7.0	5.5	20.0	21.6	41.6
60631	60996	2086	2087	0.4	4.8	7.5	10.9	5.5	7.0	5.5	20.0	21.6	41.6
60996	61362	2087	2088	0.4	4.8	7.5	10.9	5.5	7.0	5.5	20.0	21.6	41.6
61362	61727	2088	2089	0.4	4.8	7.5	10.9	5.5	7.0	5.5	20.0	21.6	41.6
61727	62092	2089	2090	0.4	4.8	7.5	10.9	5.5	7.0	5.5	20.0	21.6	41.6
62092	62457	2090	2091	0.4	4.8	7.5	10.9	5.5	7.0	5.5	20.0	21.6	41.6
62457	62823	2091	2092	0.4	4.8	7.5	10.9	5.5	7.0	5.5	20.0	21.6	41.6
62823	63188	2092	2093	0.4	4.8	7.5	10.9	5.5	7.0	5.5	20.0	21.6	41.6
63188	63553	2093	2094	0.4	4.8	7.5	10.9	5.5	7.0	5.5	20.0	21.6	41.6
63553	63918	2094	2095	0.4	4.8	7.5	10.9	5.5	7.0	5.5	20.0	21.6	41.6
63918	64284	2095	2096	0.4	4.8	7.5	10.9	5.5	7.0	5.5	20.0	21.6	41.6
64284	64649	2096	2097	0.4	4.8	7.5	10.9	5.5	7.0	5.5	20.0	21.6	41.6
64649	65014	2097	2098	0.4	4.8	7.5	10.9	5.5	7.0	5.5	20.0	21.6	41.6
65014	65379	2098	2099	0.4	4.8	7.5	10.9	5.5	7.0	5.5	19.9	21.6	41.6
65379	65745	2099	2100	0.4	4.8	7.5	10.9	5.5	7.0	5.5	19.9	21.6	41.6
65745	66110	2100	2101	0.4	4.8	7.5	10.9	5.4	7.0	5.5	19.9	21.6	41.6
66110	66475	2101	2102	0.4	4.8	7.5	10.9	5.4	7.0	5.5	19.9	21.6	41.6
66475	66840	2102	2103	0.4	4.8	7.5	10.9	5.4	7.0	5.5	19.9	21.6	41.6
66840	67206	2103	2104	0.4	4.8	7.5	10.9	5.4	7.0	5.5	19.9	21.6	41.6
67206	67571	2104	2105	0.4	4.8	7.5	10.9	5.4	7.0	5.5	19.9	21.6	41.6
67571	67936	2105	2106	0.5	4.8	7.5	10.9	5.4	7.0	5.5	19.9	21.6	41.5
67936	68301	2106	2107	0.5	4.8	7.5	10.9	5.4	7.0	5.5	19.9	21.6	41.5
68301	68667	2107	2108	0.5	4.8	7.5	10.9	5.4	7.0	5.5	19.9	21.6	41.5
68667	69032	2108	2109	0.5	4.8	7.5	10.9	5.4	7.0	5.5	19.9	21.7	41.5
69032	69397	2109	2110	0.5	4.8	7.5	10.9	5.4	7.0	5.5	19.9	21.7	41.5
	Salinity (mg/L)			5,000	6,000	10,000	7,000	5,000	7,000	7,000			

B-5(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 4) (highland to salt drains)



B-5(S4). Graph of modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 4) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	3652	1920	1930	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
3652	7305	1930	1940	0.0	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.7	0.7
7305	14610	1940	1960	0.0	0.1	0.0	0.9	0.0	0.0	0.0	0.0	1.1	1.1
14610	18263	1960	1970	0.0	0.1	0.0	1.0	0.0	0.0	0.0	0.0	1.2	1.2
18263	21915	1970	1980	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.3	1.3
21915	24837	1980	1988	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
24837	25202	1988	1989	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
25202	25567	1989	1990	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
25567	25932	1990	1991	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
25932	26298	1991	1992	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
26298	26663	1992	1993	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
26663	27028	1993	1994	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
27028	27393	1994	1995	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
27393	27759	1995	1996	0.1	0.2	0.0	1.4	0.0	0.0	0.0	0.0	1.7	1.7
27759	28124	1996	1997	0.1	0.2	0.0	1.6	0.0	0.0	0.0	0.0	1.9	1.9
28124	28489	1997	1998	0.1	0.3	0.0	1.7	0.0	0.0	0.0	0.0	2.0	2.1
28489	28854	1998	1999	0.1	0.3	0.0	1.8	0.0	0.0	0.0	0.0	2.1	2.1
28854	29220	1999	2000	0.1	0.3	0.0	1.7	0.0	0.0	0.0	0.0	2.1	2.1
29220	29585	2000	2001	0.0	0.2	0.0	1.6	0.0	0.0	0.0	0.0	1.8	1.9
29585	29950	2001	2002	0.1	0.6	0.0	1.7	0.0	0.0	0.0	0.0	2.3	2.4
29950	30315	2002	2003	0.1	0.7	0.1	1.8	0.0	0.0	0.1	0.1	2.7	2.7
30315	30681	2003	2004	0.1	0.8	0.1	1.8	0.0	0.0	0.1	0.1	2.8	2.9
30681	31046	2004	2005	0.1	0.7	0.1	1.6	0.0	0.0	0.0	0.1	2.4	2.5
31046	31411	2005	2006	0.1	0.7	0.1	1.6	0.0	0.0	0.0	0.1	2.4	2.5
31411	31776	2006	2007	0.1	0.7	0.1	1.6	0.0	0.0	0.0	0.1	2.4	2.4
31776	32142	2007	2008	0.1	0.9	0.1	1.7	0.0	0.0	0.1	0.1	2.8	2.9
32142	32507	2008	2009	0.4	1.5	0.6	2.0	0.0	1.1	0.4	1.7	4.4	6.1
32507	32872	2009	2010	0.6	2.0	1.4	2.3	0.0	2.2	0.8	3.6	5.6	9.2
32872	33237	2010	2011	0.4	1.7	0.9	2.0	0.0	1.4	0.5	2.3	4.6	6.9
33237	33603	2011	2012	0.4	1.6	0.7	1.8	0.0	1.0	0.4	1.7	4.2	5.9
33603	33968	2012	2013	0.3	1.5	0.5	1.7	0.0	0.8	0.4	1.3	3.9	5.2
33968	34333	2013	2014	0.3	1.4	0.4	1.6	0.0	0.7	0.3	1.1	3.6	4.7
34333	34698	2014	2015	0.3	1.3	0.3	1.5	0.0	0.6	0.3	0.9	3.5	4.3
34698	35064	2015	2016	0.3	1.3	0.2	1.5	0.0	0.5	0.3	0.7	3.3	4.1
35064	35429	2016	2017	0.3	1.3	0.2	1.4	0.0	0.5	0.2	0.6	3.2	3.8
35429	35794	2017	2018	0.3	1.2	0.1	1.4	0.0	0.4	0.2	0.5	3.1	3.6
35794	36159	2018	2019	0.2	1.2	0.1	1.3	0.0	0.4	0.2	0.5	3.0	3.5
36159	36525	2019	2020	0.2	1.2	0.1	1.3	0.0	0.3	0.2	0.4	2.9	3.3
36525	36890	2020	2021	0.2	1.2	0.1	1.3	0.0	0.3	0.2	0.4	2.9	3.2
36890	37255	2021	2022	0.2	1.2	0.1	1.2	0.0	0.3	0.2	0.3	2.8	3.1
37255	37620	2022	2023	0.2	1.1	0.1	1.2	0.0	0.2	0.2	0.3	2.8	3.1
37620	37986	2023	2024	0.2	1.1	0.1	1.2	0.0	0.2	0.2	0.3	2.7	3.0
37986	38351	2024	2025	0.2	1.2	0.1	1.2	0.0	0.3	0.2	0.4	2.8	3.2

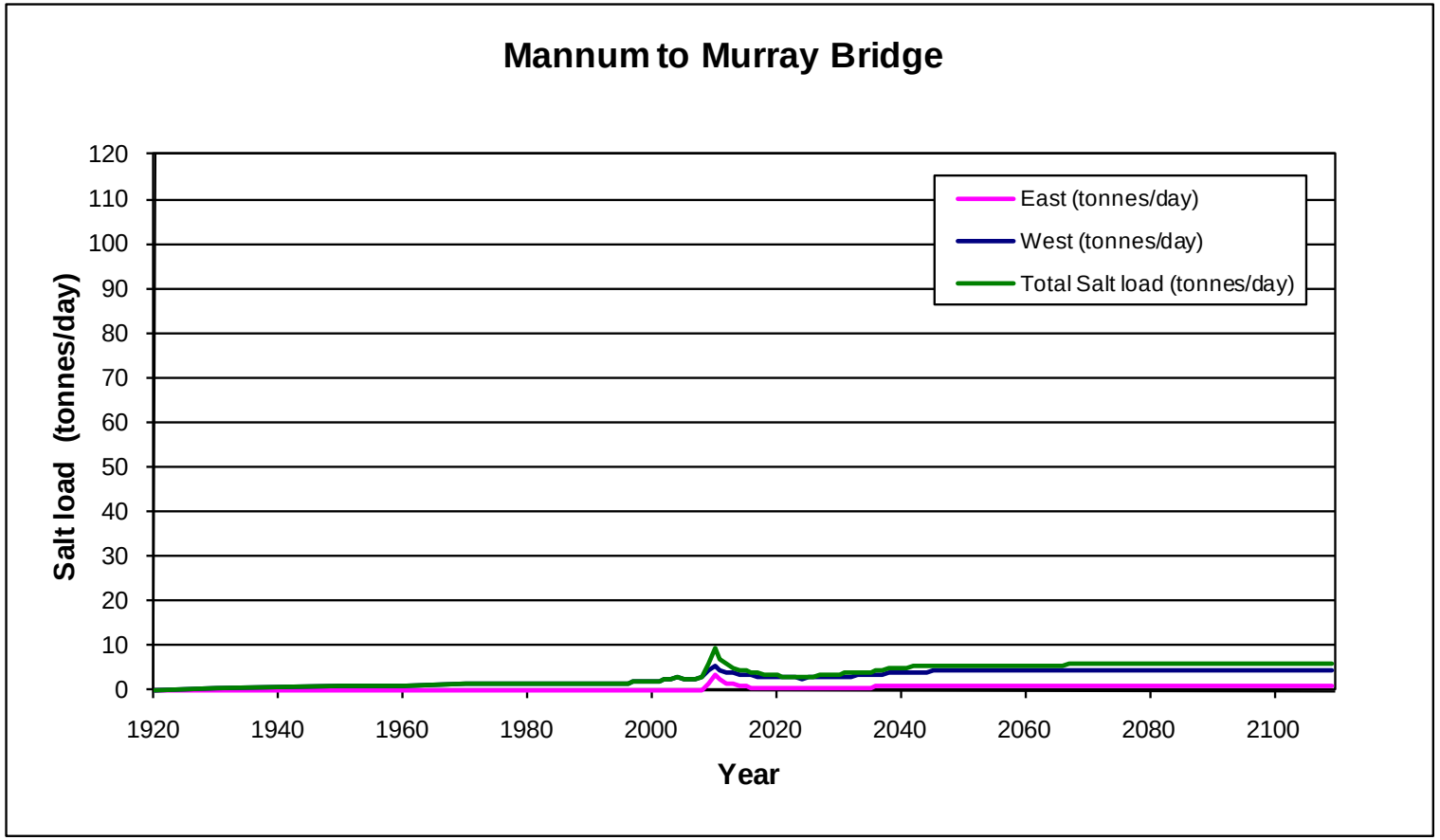
B-5(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 4) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.2	1.2	0.1	1.2	0.0	0.3	0.2	0.4	2.9	3.2
38716	39081	2026	2027	0.2	1.3	0.1	1.4	0.0	0.3	0.2	0.4	3.0	3.4
39081	39447	2027	2028	0.2	1.3	0.1	1.4	0.0	0.4	0.2	0.5	3.0	3.5
39447	39812	2028	2029	0.2	1.3	0.1	1.4	0.0	0.4	0.2	0.5	3.1	3.6
39812	40177	2029	2030	0.2	1.3	0.1	1.4	0.0	0.5	0.2	0.5	3.1	3.7
40177	40542	2030	2031	0.2	1.3	0.1	1.4	0.0	0.5	0.2	0.6	3.2	3.8
40542	40908	2031	2032	0.2	1.3	0.1	1.4	0.0	0.5	0.3	0.6	3.2	3.8
40908	41273	2032	2033	0.2	1.3	0.1	1.5	0.0	0.6	0.3	0.6	3.3	3.9
41273	41638	2033	2034	0.2	1.4	0.1	1.5	0.0	0.6	0.3	0.7	3.4	4.0
41638	42003	2034	2035	0.2	1.4	0.1	1.5	0.0	0.6	0.3	0.7	3.4	4.1
42003	42369	2035	2036	0.2	1.5	0.1	1.5	0.0	0.8	0.4	0.9	3.6	4.4
42369	42734	2036	2037	0.2	1.6	0.1	1.5	0.0	0.9	0.5	1.0	3.7	4.7
42734	43099	2037	2038	0.2	1.6	0.1	1.5	0.0	1.0	0.5	1.0	3.8	4.9
43099	43464	2038	2039	0.2	1.7	0.1	1.5	0.0	1.0	0.5	1.1	3.9	5.0
43464	43830	2039	2040	0.2	1.8	0.1	1.5	0.0	1.0	0.5	1.1	4.0	5.1
43830	44195	2040	2041	0.2	1.8	0.1	1.5	0.0	1.0	0.5	1.1	4.1	5.2
44195	44560	2041	2042	0.2	1.8	0.1	1.5	0.0	1.1	0.6	1.1	4.1	5.3
44560	44925	2042	2043	0.2	1.9	0.1	1.5	0.0	1.1	0.6	1.2	4.2	5.3
44925	45291	2043	2044	0.2	1.9	0.1	1.5	0.0	1.1	0.6	1.2	4.2	5.4
45291	45656	2044	2045	0.2	1.9	0.1	1.5	0.0	1.1	0.6	1.2	4.2	5.4
45656	46021	2045	2046	0.2	1.9	0.1	1.5	0.0	1.1	0.6	1.2	4.3	5.4
46021	46386	2046	2047	0.2	1.9	0.1	1.5	0.0	1.1	0.6	1.2	4.3	5.5
46386	46752	2047	2048	0.2	2.0	0.1	1.5	0.0	1.1	0.6	1.2	4.3	5.5
46752	47117	2048	2049	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.3	5.5
47117	47482	2049	2050	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.3	5.5
47482	47847	2050	2051	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.6
47847	48213	2051	2052	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.6
48213	48578	2052	2053	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.6
48578	48943	2053	2054	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.6
48943	49308	2054	2055	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.6
49308	49674	2055	2056	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.6
49674	50039	2056	2057	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.6
50039	50404	2057	2058	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.7
50404	50769	2058	2059	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
50769	51135	2059	2060	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
51135	51500	2060	2061	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
51500	51865	2061	2062	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
51865	52230	2062	2063	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
52230	52596	2063	2064	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
52596	52961	2064	2065	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
52961	53326	2065	2066	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
53326	53691	2066	2067	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7

B-5(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 4) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
54057	54422	2068	2069	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
54422	54787	2069	2070	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
54787	55152	2070	2071	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
55152	55518	2071	2072	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
55518	55883	2072	2073	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
55883	56248	2073	2074	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
56248	56613	2074	2075	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
56613	56979	2075	2076	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
56979	57344	2076	2077	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
57344	57709	2077	2078	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
57709	58074	2078	2079	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
58074	58440	2079	2080	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
58440	58805	2080	2081	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
58805	59170	2081	2082	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
59170	59535	2082	2083	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
59535	59901	2083	2084	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
59901	60266	2084	2085	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
60266	60631	2085	2086	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
60631	60996	2086	2087	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
60996	61362	2087	2088	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
61362	61727	2088	2089	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
61727	62092	2089	2090	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
62092	62457	2090	2091	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
62457	62823	2091	2092	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
62823	63188	2092	2093	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
63188	63553	2093	2094	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
63553	63918	2094	2095	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
63918	64284	2095	2096	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
64284	64649	2096	2097	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
64649	65014	2097	2098	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
65014	65379	2098	2099	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
65379	65745	2099	2100	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
65745	66110	2100	2101	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
66110	66475	2101	2102	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
66475	66840	2102	2103	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
66840	67206	2103	2104	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
67206	67571	2104	2105	0.3	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
67571	67936	2105	2106	0.3	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
67936	68301	2106	2107	0.3	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
68301	68667	2107	2108	0.3	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
68667	69032	2108	2109	0.3	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
69032	69397	2109	2110	0.3	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
	Salinity (mg/L)			5,000	6,000	10,000	7,000	5,000	7,000	7,000			

B-5(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 4) (floodplain to river)



B-5(S4). Graph of modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 4) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	3652	1920	1930	31	253	400	298	705	646	479	1751	1061	2812
3652	7305	1930	1940	18	215	296	1068	601	528	427	1425	1728	3153
7305	14610	1940	1960	19	237	303	2670	601	529	435	1433	3361	4793
14610	18263	1960	1970	36	603	699	2693	987	530	437	2216	3769	5985
18263	21915	1970	1980	44	650	718	2705	1000	530	439	2248	3838	6086
21915	24837	1980	1988	46	664	723	2711	1004	531	441	2257	3862	6119
24837	25202	1988	1989	47	665	723	2712	1004	531	441	2257	3864	6121
25202	25567	1989	1990	47	666	723	2712	1004	531	441	2258	3865	6123
25567	25932	1990	1991	47	666	723	2712	1004	531	441	2258	3866	6125
25932	26298	1991	1992	47	667	723	2713	1004	531	441	2258	3868	6126
26298	26663	1992	1993	47	668	724	2713	1004	531	441	2259	3868	6127
26663	27028	1993	1994	47	668	724	2713	1004	531	441	2259	3869	6128
27028	27393	1994	1995	47	668	724	2713	1004	531	441	2259	3870	6129
27393	27759	1995	1996	47	670	724	2740	1005	531	441	2260	3898	6157
27759	28124	1996	1997	47	672	724	2764	1005	531	441	2260	3925	6185
28124	28489	1997	1998	47	674	725	2782	1005	531	442	2261	3945	6206
28489	28854	1998	1999	49	671	723	2704	989	555	457	2268	3880	6148
28854	29220	1999	2000	51	652	695	2499	958	576	469	2229	3670	5898
29220	29585	2000	2001	49	598	547	2273	828	512	421	1887	3340	5227
29585	29950	2001	2002	49	600	570	2159	873	568	469	2010	3278	5288
29950	30315	2002	2003	52	635	681	2080	988	657	541	2326	3307	5633
30315	30681	2003	2004	55	656	740	1982	1063	716	587	2519	3280	5799
30681	31046	2004	2005	53	607	553	1847	906	635	523	2095	3030	5125
31046	31411	2005	2006	54	603	562	1794	908	650	531	2120	2983	5103
31411	31776	2006	2007	55	595	557	1714	899	656	533	2112	2898	5010
31776	32142	2007	2008	61	648	776	1797	1102	788	631	2667	3137	5804
32142	32507	2008	2009	82	809	1410	2018	1748	1180	906	4338	3814	8152
32507	32872	2009	2010	102	917	1769	2123	2253	1494	1107	5516	4249	9766
32872	33237	2010	2011	97	814	1261	1921	1887	1250	968	4398	3799	8197
33237	33603	2011	2012	94	760	1031	1812	1711	1143	900	3884	3565	7450
33603	33968	2012	2013	92	723	912	1739	1600	1078	857	3590	3411	7001
33968	34333	2013	2014	90	697	843	1682	1522	1035	827	3400	3296	6696
34333	34698	2014	2015	89	676	799	1635	1463	1002	804	3264	3205	6470
34698	35064	2015	2016	89	660	768	1595	1417	977	786	3162	3130	6292
35064	35429	2016	2017	88	647	746	1560	1379	957	771	3082	3066	6148
35429	35794	2017	2018	88	635	728	1528	1348	940	759	3016	3010	6026
35794	36159	2018	2019	87	626	714	1483	1321	926	749	2961	2945	5905
36159	36525	2019	2020	87	617	702	1467	1297	913	740	2913	2911	5823
36525	36890	2020	2021	86	610	692	1455	1277	903	732	2872	2884	5756
36890	37255	2021	2022	86	604	684	1446	1258	893	725	2835	2861	5697
37255	37620	2022	2023	86	598	676	1439	1242	885	719	2803	2842	5645
37620	37986	2023	2024	86	593	670	1432	1228	878	714	2776	2826	5602
37986	38351	2024	2025	86	596	683	1427	1217	875	719	2775	2827	5602

B-5(S5). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 5) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	86	598	685	1422	1206	874	720	2764	2826	5590
38716	39081	2026	2027	85	599	686	1425	1195	895	724	2776	2833	5609
39081	39447	2027	2028	85	601	685	1423	1185	907	724	2777	2833	5610
39447	39812	2028	2029	85	606	686	1427	1177	926	725	2789	2842	5632
39812	40177	2029	2030	85	612	685	1435	1170	932	724	2786	2856	5642
40177	40542	2030	2031	85	620	692	1448	1162	934	740	2788	2893	5680
40542	40908	2031	2032	85	627	694	1456	1155	936	744	2785	2912	5697
40908	41273	2032	2033	85	639	695	1466	1157	960	747	2812	2938	5750
41273	41638	2033	2034	85	650	695	1474	1156	964	749	2815	2959	5774
41638	42003	2034	2035	85	659	695	1479	1152	966	750	2813	2974	5786
42003	42369	2035	2036	86	671	731	1505	1156	969	756	2856	3018	5873
42369	42734	2036	2037	86	684	748	1516	1160	976	762	2884	3048	5932
42734	43099	2037	2038	86	695	756	1523	1161	983	766	2900	3070	5970
43099	43464	2038	2039	87	704	760	1528	1162	988	769	2910	3087	5997
43464	43830	2039	2040	87	712	762	1532	1162	992	771	2916	3101	6017
43830	44195	2040	2041	87	719	763	1535	1161	996	772	2919	3113	6032
44195	44560	2041	2042	87	726	763	1537	1160	999	773	2922	3123	6044
44560	44925	2042	2043	87	731	763	1539	1159	1001	774	2923	3131	6054
44925	45291	2043	2044	87	737	763	1540	1157	1003	775	2923	3139	6062
45291	45656	2044	2045	87	741	763	1541	1156	1004	776	2922	3145	6068
45656	46021	2045	2046	87	746	763	1543	1154	1005	776	2922	3151	6073
46021	46386	2046	2047	87	749	762	1543	1152	1006	777	2921	3156	6077
46386	46752	2047	2048	87	753	762	1544	1151	1007	777	2920	3161	6081
46752	47117	2048	2049	87	756	762	1545	1149	1007	777	2918	3166	6084
47117	47482	2049	2050	87	759	761	1546	1147	1008	777	2916	3169	6086
47482	47847	2050	2051	87	762	761	1546	1146	1008	778	2915	3173	6088
47847	48213	2051	2052	87	764	761	1547	1144	1009	778	2913	3176	6089
48213	48578	2052	2053	88	766	760	1547	1142	1009	778	2911	3179	6090
48578	48943	2053	2054	88	768	760	1548	1141	1009	778	2909	3182	6091
48943	49308	2054	2055	88	770	760	1548	1139	1009	778	2907	3185	6092
49308	49674	2055	2056	88	772	759	1556	1137	1009	778	2906	3195	6100
49674	50039	2056	2057	88	774	759	1566	1136	1009	779	2904	3206	6109
50039	50404	2057	2058	88	775	759	1571	1134	1009	779	2902	3212	6114
50404	50769	2058	2059	88	777	759	1574	1133	1009	779	2900	3217	6117
50769	51135	2059	2060	88	778	758	1576	1131	1008	779	2898	3220	6118
51135	51500	2060	2061	88	779	758	1577	1130	1008	779	2896	3223	6119
51500	51865	2061	2062	88	781	758	1578	1128	1008	779	2894	3225	6120
51865	52230	2062	2063	88	782	757	1579	1127	1008	779	2892	3227	6120
52230	52596	2063	2064	88	783	757	1579	1126	1008	779	2890	3229	6120
52596	52961	2064	2065	88	784	757	1580	1124	1008	779	2889	3231	6120
52961	53326	2065	2066	88	785	757	1581	1123	1007	779	2887	3233	6119
53326	53691	2066	2067	88	785	756	1581	1122	1007	779	2885	3234	6119

B-5(S5). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 5) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	88	786	756	1582	1120	1007	779	2883	3235	6119
54057	54422	2068	2069	88	787	756	1582	1119	1007	779	2882	3237	6118
54422	54787	2069	2070	89	788	756	1582	1118	1006	779	2880	3238	6118
54787	55152	2070	2071	89	789	755	1583	1117	1006	779	2878	3239	6117
55152	55518	2071	2072	89	789	755	1583	1116	1006	779	2877	3240	6117
55518	55883	2072	2073	89	790	755	1584	1114	1006	779	2875	3241	6116
55883	56248	2073	2074	89	791	755	1584	1113	1005	779	2873	3242	6116
56248	56613	2074	2075	89	791	755	1584	1112	1005	779	2872	3243	6115
56613	56979	2075	2076	89	792	754	1585	1111	1005	779	2870	3244	6114
56979	57344	2076	2077	89	792	754	1585	1110	1004	779	2868	3245	6114
57344	57709	2077	2078	89	793	754	1585	1109	1004	779	2867	3246	6113
57709	58074	2078	2079	89	793	754	1585	1108	1004	779	2865	3247	6112
58074	58440	2079	2080	89	794	753	1586	1107	1004	779	2864	3248	6112
58440	58805	2080	2081	89	794	753	1586	1106	1003	779	2863	3249	6111
58805	59170	2081	2082	89	795	753	1586	1105	1003	779	2861	3249	6110
59170	59535	2082	2083	89	795	753	1586	1104	1003	779	2860	3250	6110
59535	59901	2083	2084	89	795	753	1587	1103	1003	780	2858	3251	6109
59901	60266	2084	2085	89	796	752	1587	1102	1002	780	2857	3251	6108
60266	60631	2085	2086	89	796	752	1587	1101	1002	780	2856	3252	6108
60631	60996	2086	2087	89	797	752	1587	1100	1002	780	2854	3253	6107
60996	61362	2087	2088	89	797	752	1588	1100	1002	780	2853	3253	6106
61362	61727	2088	2089	89	797	752	1588	1099	1001	780	2852	3254	6106
61727	62092	2089	2090	89	797	752	1588	1098	1001	780	2850	3254	6105
62092	62457	2090	2091	89	798	751	1588	1097	1001	780	2849	3255	6104
62457	62823	2091	2092	89	798	751	1588	1096	1001	780	2848	3255	6103
62823	63188	2092	2093	90	798	751	1588	1095	1000	780	2847	3256	6103
63188	63553	2093	2094	90	799	751	1589	1095	1000	780	2845	3257	6102
63553	63918	2094	2095	90	799	751	1589	1094	1000	780	2844	3257	6101
63918	64284	2095	2096	90	799	751	1589	1093	999	780	2843	3257	6101
64284	64649	2096	2097	90	799	750	1589	1092	999	780	2842	3258	6100
64649	65014	2097	2098	90	800	750	1589	1092	999	780	2841	3258	6099
65014	65379	2098	2099	90	800	750	1589	1091	999	780	2840	3259	6099
65379	65745	2099	2100	90	800	750	1590	1090	999	780	2839	3259	6098
65745	66110	2100	2101	90	800	750	1590	1090	998	780	2838	3260	6097
66110	66475	2101	2102	90	800	750	1590	1089	998	780	2837	3260	6097
66475	66840	2102	2103	90	801	750	1590	1088	998	780	2836	3260	6096
66840	67206	2103	2104	90	801	749	1590	1088	998	780	2835	3261	6096
67206	67571	2104	2105	90	801	749	1590	1087	997	780	2834	3261	6095
67571	67936	2105	2106	90	801	749	1590	1087	997	780	2833	3261	6094
67936	68301	2106	2107	90	801	749	1590	1086	997	780	2832	3262	6094
68301	68667	2107	2108	90	801	749	1591	1086	997	780	2831	3262	6093
68667	69032	2108	2109	90	802	749	1591	1085	997	780	2830	3262	6093
69032	69397	2109	2110	90	802	749	1591	1085	997	780	2830	3262	6093

B-5(S5). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 5) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	3652	1920	1930	5	18	2	0	0	0	0	2	24	25
3652	7305	1930	1940	6	18	2	78	0	0	0	2	102	104
7305	14610	1940	1960	7	19	2	134	0	0	0	2	160	161
14610	18263	1960	1970	10	23	2	145	0	0	0	2	178	179
18263	21915	1970	1980	13	32	2	150	0	0	0	2	195	197
21915	24837	1980	1988	14	38	2	153	0	0	0	2	205	207
24837	25202	1988	1989	14	38	2	153	0	0	0	2	206	208
25202	25567	1989	1990	14	39	2	154	0	0	0	2	207	208
25567	25932	1990	1991	14	39	2	154	0	0	0	2	207	209
25932	26298	1991	1992	14	39	2	154	0	0	0	2	208	209
26298	26663	1992	1993	15	40	2	154	0	0	0	2	208	210
26663	27028	1993	1994	15	40	2	154	0	0	0	2	208	210
27028	27393	1994	1995	15	40	2	154	0	0	0	2	209	211
27393	27759	1995	1996	15	41	2	195	0	0	0	2	250	252
27759	28124	1996	1997	15	41	2	224	0	0	0	2	280	282
28124	28489	1997	1998	15	42	2	245	0	0	0	2	301	303
28489	28854	1998	1999	15	42	2	256	0	0	0	2	314	315
28854	29220	1999	2000	15	42	2	249	0	0	0	2	307	309
29220	29585	2000	2001	9	26	2	233	0	0	0	2	268	269
29585	29950	2001	2002	10	93	3	242	0	0	4	3	349	353
29950	30315	2002	2003	17	123	5	252	0	0	10	5	402	407
30315	30681	2003	2004	23	141	6	251	0	0	14	6	428	434
30681	31046	2004	2005	14	115	6	230	0	0	4	6	364	370
31046	31411	2005	2006	14	116	6	229	0	0	4	6	363	369
31411	31776	2006	2007	14	114	6	225	0	0	3	6	356	362
31776	32142	2007	2008	28	149	6	244	0	1	14	7	435	442
32142	32507	2008	2009	74	251	64	291	0	150	63	215	680	894
32507	32872	2009	2010	113	332	144	321	0	312	112	456	879	1334
32872	33237	2010	2011	87	282	93	279	0	199	76	292	724	1017
33237	33603	2011	2012	74	258	66	257	0	149	62	215	651	866
33603	33968	2012	2013	66	243	48	242	0	119	53	168	604	772
33968	34333	2013	2014	61	233	36	230	0	99	47	136	570	706
34333	34698	2014	2015	57	224	28	220	0	85	42	113	544	657
34698	35064	2015	2016	54	218	21	212	0	75	38	96	522	618
35064	35429	2016	2017	52	212	17	204	0	66	36	83	503	586
35429	35794	2017	2018	50	207	13	197	0	58	33	72	487	559
35794	36159	2018	2019	49	203	10	188	0	52	31	63	471	534
36159	36525	2019	2020	47	199	8	183	0	47	29	55	459	515
36525	36890	2020	2021	46	196	7	179	0	42	28	49	450	499
36890	37255	2021	2022	45	193	6	176	0	39	27	45	441	486
37255	37620	2022	2023	45	190	6	173	0	35	26	41	434	475
37620	37986	2023	2024	44	188	6	171	0	33	25	38	428	466
37986	38351	2024	2025	43	201	8	173	0	39	24	47	442	489

B-5(S5). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 5) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	43	207	8	175	0	42	23	49	448	498
38716	39081	2026	2027	43	212	8	193	0	50	22	57	471	528
39081	39447	2027	2028	42	215	7	197	0	56	22	63	476	539
39447	39812	2028	2029	42	216	7	199	0	62	29	69	486	556
39812	40177	2029	2030	42	217	7	200	0	66	32	73	491	564
40177	40542	2030	2031	42	217	7	204	0	73	35	80	498	578
40542	40908	2031	2032	42	217	7	205	0	76	37	83	501	584
40908	41273	2032	2033	42	221	7	208	0	81	43	88	514	602
41273	41638	2033	2034	42	226	7	210	0	85	47	92	526	618
41638	42003	2034	2035	42	231	8	211	0	87	50	94	534	628
42003	42369	2035	2036	42	244	8	212	0	115	56	123	555	678
42369	42734	2036	2037	42	261	8	213	0	128	64	136	580	716
42734	43099	2037	2038	42	274	8	214	0	136	70	144	600	744
43099	43464	2038	2039	42	284	9	215	0	141	73	150	615	765
43464	43830	2039	2040	42	293	9	216	0	146	76	154	627	782
43830	44195	2040	2041	42	300	9	217	0	149	78	158	637	795
44195	44560	2041	2042	42	306	9	218	0	152	79	160	645	805
44560	44925	2042	2043	42	310	9	218	0	154	80	162	652	814
44925	45291	2043	2044	42	314	9	219	0	155	81	164	657	821
45291	45656	2044	2045	43	318	9	220	0	156	82	165	662	827
45656	46021	2045	2046	43	321	8	220	0	157	83	166	667	833
46021	46386	2046	2047	43	324	8	221	0	158	83	167	671	837
46386	46752	2047	2048	43	327	8	221	0	159	84	167	674	841
46752	47117	2048	2049	43	329	8	221	0	159	84	168	677	845
47117	47482	2049	2050	43	331	8	222	0	160	84	168	680	848
47482	47847	2050	2051	43	333	8	222	0	160	85	168	683	851
47847	48213	2051	2052	43	335	8	223	0	160	85	169	685	854
48213	48578	2052	2053	43	336	8	223	0	161	85	169	687	856
48578	48943	2053	2054	43	338	8	223	0	161	85	169	690	859
48943	49308	2054	2055	43	339	8	224	0	161	85	169	692	861
49308	49674	2055	2056	44	341	8	224	0	161	85	169	694	863
49674	50039	2056	2057	44	342	8	224	0	161	86	169	695	864
50039	50404	2057	2058	44	343	8	224	0	161	86	169	697	866
50404	50769	2058	2059	44	344	8	225	0	161	86	169	699	868
50769	51135	2059	2060	44	345	8	225	0	161	86	169	700	869
51135	51500	2060	2061	44	346	8	225	0	161	86	169	701	871
51500	51865	2061	2062	44	347	8	225	0	161	86	169	703	872
51865	52230	2062	2063	44	348	8	226	0	161	86	169	704	873
52230	52596	2063	2064	45	349	8	226	0	161	86	169	705	874
52596	52961	2064	2065	45	350	8	226	0	160	86	169	707	875
52961	53326	2065	2066	45	350	8	226	0	160	86	169	708	877
53326	53691	2066	2067	45	351	8	227	0	160	86	169	709	878

B-5(S5). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 5) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	45	352	8	227	0	160	86	168	710	878
54057	54422	2068	2069	45	352	8	227	0	160	86	168	711	879
54422	54787	2069	2070	45	353	8	227	0	160	86	168	712	880
54787	55152	2070	2071	45	354	8	227	0	160	87	168	713	881
55152	55518	2071	2072	46	354	8	227	0	160	87	168	714	882
55518	55883	2072	2073	46	355	8	228	0	159	87	168	715	883
55883	56248	2073	2074	46	355	8	228	0	159	87	168	716	883
56248	56613	2074	2075	46	356	8	228	0	159	87	168	717	884
56613	56979	2075	2076	46	356	8	228	0	159	87	167	717	885
56979	57344	2076	2077	46	357	8	228	0	159	87	167	718	885
57344	57709	2077	2078	46	357	8	228	0	159	87	167	719	886
57709	58074	2078	2079	47	358	8	228	0	159	87	167	720	887
58074	58440	2079	2080	47	358	8	229	0	158	87	167	720	887
58440	58805	2080	2081	47	359	8	229	0	158	87	167	721	888
58805	59170	2081	2082	47	359	8	229	0	158	87	167	722	888
59170	59535	2082	2083	47	360	8	229	0	158	87	166	722	889
59535	59901	2083	2084	47	360	8	229	0	158	87	166	723	889
59901	60266	2084	2085	47	360	8	229	0	158	87	166	724	890
60266	60631	2085	2086	48	361	8	229	0	157	87	166	724	890
60631	60996	2086	2087	48	361	8	229	0	157	87	166	725	891
60996	61362	2087	2088	48	361	8	229	0	157	87	166	726	891
61362	61727	2088	2089	48	362	9	229	0	157	87	165	726	892
61727	62092	2089	2090	48	362	9	230	0	157	87	165	727	892
62092	62457	2090	2091	48	362	9	230	0	157	87	165	727	892
62457	62823	2091	2092	48	362	9	230	0	157	87	165	728	893
62823	63188	2092	2093	48	363	9	230	0	156	87	165	728	893
63188	63553	2093	2094	49	363	9	230	0	156	87	165	729	893
63553	63918	2094	2095	49	363	9	230	0	156	87	165	729	894
63918	64284	2095	2096	49	364	9	230	0	156	87	165	730	894
64284	64649	2096	2097	49	364	9	230	0	156	87	164	730	894
64649	65014	2097	2098	49	364	9	230	0	156	87	164	731	895
65014	65379	2098	2099	49	364	9	230	0	156	87	164	731	895
65379	65745	2099	2100	49	364	9	230	0	155	87	164	731	895
65745	66110	2100	2101	49	365	9	230	0	155	87	164	732	896
66110	66475	2101	2102	50	365	9	230	0	155	87	164	732	896
66475	66840	2102	2103	50	365	9	230	0	155	87	164	732	896
66840	67206	2103	2104	50	365	9	230	0	155	87	163	733	896
67206	67571	2104	2105	50	365	9	231	0	155	87	163	733	897
67571	67936	2105	2106	50	366	9	231	0	155	87	163	734	897
67936	68301	2106	2107	50	366	9	231	0	155	87	163	734	897
68301	68667	2107	2108	50	366	9	231	0	154	87	163	734	897
68667	69032	2108	2109	50	366	9	231	0	154	87	163	735	897
69032	69397	2109	2110	50	366	9	231	0	154	87	163	735	897

B-5(S5). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 5) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	3652	1920	1930	0.2	1.5	4.0	2.1	3.5	4.5	3.4	12.0	7.1	19.2
3652	7305	1930	1940	0.1	1.3	3.0	7.5	3.0	3.7	3.0	9.7	11.8	21.5
7305	14610	1940	1960	0.1	1.4	3.0	18.7	3.0	3.7	3.0	9.7	23.2	33.0
14610	18263	1960	1970	0.2	3.6	7.0	18.9	4.9	3.7	3.1	15.6	25.7	41.3
18263	21915	1970	1980	0.2	3.9	7.2	18.9	5.0	3.7	3.1	15.9	26.1	42.0
21915	24837	1980	1988	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.2
24837	25202	1988	1989	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
25202	25567	1989	1990	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
25567	25932	1990	1991	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
25932	26298	1991	1992	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
26298	26663	1992	1993	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
26663	27028	1993	1994	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
27028	27393	1994	1995	0.2	4.0	7.2	19.0	5.0	3.7	3.1	16.0	26.3	42.3
27393	27759	1995	1996	0.2	4.0	7.2	19.2	5.0	3.7	3.1	16.0	26.5	42.5
27759	28124	1996	1997	0.2	4.0	7.2	19.3	5.0	3.7	3.1	16.0	26.7	42.7
28124	28489	1997	1998	0.2	4.0	7.2	19.5	5.0	3.7	3.1	16.0	26.8	42.8
28489	28854	1998	1999	0.2	4.0	7.2	18.9	4.9	3.9	3.2	16.1	26.4	42.5
28854	29220	1999	2000	0.3	3.9	6.9	17.5	4.8	4.0	3.3	15.8	24.9	40.7
29220	29585	2000	2001	0.2	3.6	5.5	15.9	4.1	3.6	2.9	13.2	22.7	35.9
29585	29950	2001	2002	0.2	3.6	5.7	15.1	4.4	4.0	3.3	14.0	22.2	36.3
29950	30315	2002	2003	0.3	3.8	6.8	14.6	4.9	4.6	3.8	16.4	22.4	38.8
30315	30681	2003	2004	0.3	3.9	7.4	13.9	5.3	5.0	4.1	17.7	22.2	39.9
30681	31046	2004	2005	0.3	3.6	5.5	12.9	4.5	4.4	3.7	14.5	20.5	35.0
31046	31411	2005	2006	0.3	3.6	5.6	12.6	4.5	4.5	3.7	14.7	20.2	34.9
31411	31776	2006	2007	0.3	3.6	5.6	12.0	4.5	4.6	3.7	14.7	19.6	34.2
31776	32142	2007	2008	0.3	3.9	7.8	12.6	5.5	5.5	4.4	18.8	21.2	40.0
32142	32507	2008	2009	0.4	4.9	14.1	14.1	8.7	8.3	6.3	31.1	25.7	56.8
32507	32872	2009	2010	0.5	5.5	17.7	14.9	11.3	10.5	7.8	39.4	28.6	68.0
32872	33237	2010	2011	0.5	4.9	12.6	13.4	9.4	8.8	6.8	30.8	25.6	56.4
33237	33603	2011	2012	0.5	4.6	10.3	12.7	8.6	8.0	6.3	26.9	24.0	50.9
33603	33968	2012	2013	0.5	4.3	9.1	12.2	8.0	7.5	6.0	24.7	23.0	47.6
33968	34333	2013	2014	0.5	4.2	8.4	11.8	7.6	7.2	5.8	23.3	22.2	45.5
34333	34698	2014	2015	0.4	4.1	8.0	11.4	7.3	7.0	5.6	22.3	21.6	43.9
34698	35064	2015	2016	0.4	4.0	7.7	11.2	7.1	6.8	5.5	21.6	21.1	42.7
35064	35429	2016	2017	0.4	3.9	7.5	10.9	6.9	6.7	5.4	21.1	20.6	41.7
35429	35794	2017	2018	0.4	3.8	7.3	10.7	6.7	6.6	5.3	20.6	20.3	40.9
35794	36159	2018	2019	0.4	3.8	7.1	10.4	6.6	6.5	5.2	20.2	19.8	40.0
36159	36525	2019	2020	0.4	3.7	7.0	10.3	6.5	6.4	5.2	19.9	19.6	39.5
36525	36890	2020	2021	0.4	3.7	6.9	10.2	6.4	6.3	5.1	19.6	19.4	39.0
36890	37255	2021	2022	0.4	3.6	6.8	10.1	6.3	6.3	5.1	19.4	19.3	38.6
37255	37620	2022	2023	0.4	3.6	6.8	10.1	6.2	6.2	5.0	19.2	19.1	38.3
37620	37986	2023	2024	0.4	3.6	6.7	10.0	6.1	6.1	5.0	19.0	19.0	38.0
37986	38351	2024	2025	0.4	3.6	6.8	10.0	6.1	6.1	5.0	19.0	19.0	38.1

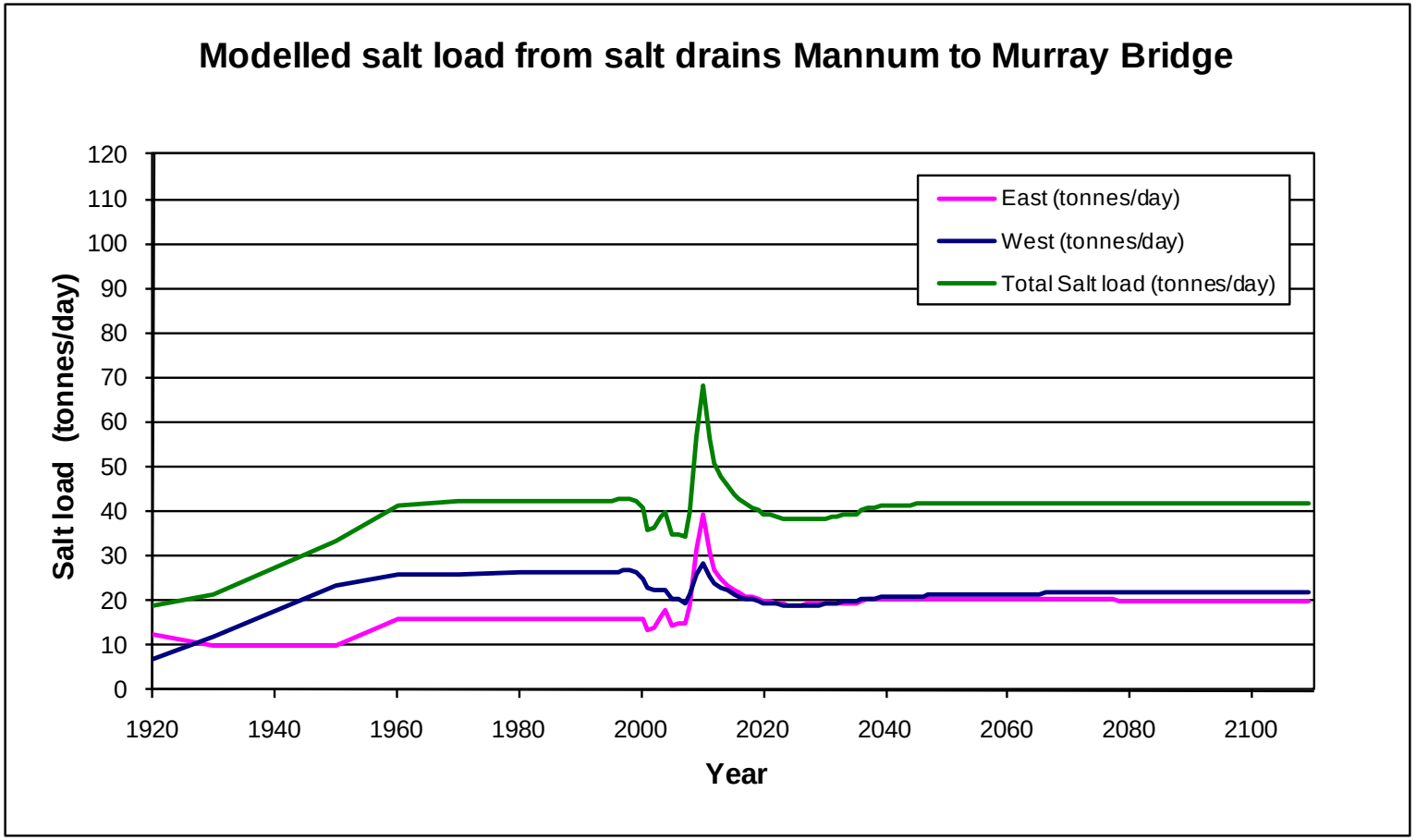
B-5(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 5) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.4	3.6	6.8	10.0	6.0	6.1	5.0	19.0	19.0	38.0
38716	39081	2026	2027	0.4	3.6	6.9	10.0	6.0	6.3	5.1	19.1	19.1	38.2
39081	39447	2027	2028	0.4	3.6	6.8	10.0	5.9	6.4	5.1	19.1	19.1	38.2
39447	39812	2028	2029	0.4	3.6	6.9	10.0	5.9	6.5	5.1	19.2	19.1	38.3
39812	40177	2029	2030	0.4	3.7	6.8	10.0	5.8	6.5	5.1	19.2	19.2	38.4
40177	40542	2030	2031	0.4	3.7	6.9	10.1	5.8	6.5	5.2	19.3	19.5	38.7
40542	40908	2031	2032	0.4	3.8	6.9	10.2	5.8	6.5	5.2	19.3	19.6	38.9
40908	41273	2032	2033	0.4	3.8	7.0	10.3	5.8	6.7	5.2	19.5	19.8	39.2
41273	41638	2033	2034	0.4	3.9	6.9	10.3	5.8	6.8	5.2	19.5	19.9	39.4
41638	42003	2034	2035	0.4	4.0	6.9	10.4	5.8	6.8	5.3	19.5	20.0	39.5
42003	42369	2035	2036	0.4	4.0	7.3	10.5	5.8	6.8	5.3	19.9	20.3	40.2
42369	42734	2036	2037	0.4	4.1	7.5	10.6	5.8	6.8	5.3	20.1	20.5	40.6
42734	43099	2037	2038	0.4	4.2	7.6	10.7	5.8	6.9	5.4	20.2	20.6	40.9
43099	43464	2038	2039	0.4	4.2	7.6	10.7	5.8	6.9	5.4	20.3	20.7	41.1
43464	43830	2039	2040	0.4	4.3	7.6	10.7	5.8	6.9	5.4	20.4	20.8	41.2
43830	44195	2040	2041	0.4	4.3	7.6	10.7	5.8	7.0	5.4	20.4	20.9	41.3
44195	44560	2041	2042	0.4	4.4	7.6	10.8	5.8	7.0	5.4	20.4	21.0	41.4
44560	44925	2042	2043	0.4	4.4	7.6	10.8	5.8	7.0	5.4	20.4	21.0	41.4
44925	45291	2043	2044	0.4	4.4	7.6	10.8	5.8	7.0	5.4	20.4	21.1	41.5
45291	45656	2044	2045	0.4	4.4	7.6	10.8	5.8	7.0	5.4	20.4	21.1	41.5
45656	46021	2045	2046	0.4	4.5	7.6	10.8	5.8	7.0	5.4	20.4	21.1	41.6
46021	46386	2046	2047	0.4	4.5	7.6	10.8	5.8	7.0	5.4	20.4	21.2	41.6
46386	46752	2047	2048	0.4	4.5	7.6	10.8	5.8	7.0	5.4	20.4	21.2	41.6
46752	47117	2048	2049	0.4	4.5	7.6	10.8	5.7	7.1	5.4	20.4	21.2	41.6
47117	47482	2049	2050	0.4	4.6	7.6	10.8	5.7	7.1	5.4	20.4	21.3	41.7
47482	47847	2050	2051	0.4	4.6	7.6	10.8	5.7	7.1	5.4	20.4	21.3	41.7
47847	48213	2051	2052	0.4	4.6	7.6	10.8	5.7	7.1	5.4	20.4	21.3	41.7
48213	48578	2052	2053	0.4	4.6	7.6	10.8	5.7	7.1	5.4	20.4	21.3	41.7
48578	48943	2053	2054	0.4	4.6	7.6	10.8	5.7	7.1	5.4	20.4	21.3	41.7
48943	49308	2054	2055	0.4	4.6	7.6	10.8	5.7	7.1	5.4	20.4	21.3	41.7
49308	49674	2055	2056	0.4	4.6	7.6	10.9	5.7	7.1	5.4	20.3	21.4	41.8
49674	50039	2056	2057	0.4	4.6	7.6	11.0	5.7	7.1	5.4	20.3	21.5	41.8
50039	50404	2057	2058	0.4	4.7	7.6	11.0	5.7	7.1	5.5	20.3	21.5	41.9
50404	50769	2058	2059	0.4	4.7	7.6	11.0	5.7	7.1	5.5	20.3	21.6	41.9
50769	51135	2059	2060	0.4	4.7	7.6	11.0	5.7	7.1	5.5	20.3	21.6	41.9
51135	51500	2060	2061	0.4	4.7	7.6	11.0	5.6	7.1	5.5	20.3	21.6	41.9
51500	51865	2061	2062	0.4	4.7	7.6	11.0	5.6	7.1	5.5	20.3	21.6	41.9
51865	52230	2062	2063	0.4	4.7	7.6	11.1	5.6	7.1	5.5	20.3	21.6	41.9
52230	52596	2063	2064	0.4	4.7	7.6	11.1	5.6	7.1	5.5	20.3	21.6	41.9
52596	52961	2064	2065	0.4	4.7	7.6	11.1	5.6	7.1	5.5	20.2	21.7	41.9
52961	53326	2065	2066	0.4	4.7	7.6	11.1	5.6	7.1	5.5	20.2	21.7	41.9
53326	53691	2066	2067	0.4	4.7	7.6	11.1	5.6	7.0	5.5	20.2	21.7	41.9

B-5(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 5) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z25	Z50-Z26	Z50-Z27	Z50-Z28	Z50-Z29	Z50-Z30	Z50-Z31	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	0.4	4.7	7.6	11.1	5.6	7.0	5.5	20.2	21.7	41.9
54057	54422	2068	2069	0.4	4.7	7.6	11.1	5.6	7.0	5.5	20.2	21.7	41.9
54422	54787	2069	2070	0.4	4.7	7.6	11.1	5.6	7.0	5.5	20.2	21.7	41.9
54787	55152	2070	2071	0.4	4.7	7.6	11.1	5.6	7.0	5.5	20.2	21.7	41.9
55152	55518	2071	2072	0.4	4.7	7.6	11.1	5.6	7.0	5.5	20.2	21.7	41.9
55518	55883	2072	2073	0.4	4.7	7.5	11.1	5.6	7.0	5.5	20.2	21.7	41.9
55883	56248	2073	2074	0.4	4.7	7.5	11.1	5.6	7.0	5.5	20.2	21.7	41.9
56248	56613	2074	2075	0.4	4.7	7.5	11.1	5.6	7.0	5.5	20.1	21.7	41.9
56613	56979	2075	2076	0.4	4.8	7.5	11.1	5.6	7.0	5.5	20.1	21.7	41.9
56979	57344	2076	2077	0.4	4.8	7.5	11.1	5.6	7.0	5.5	20.1	21.7	41.9
57344	57709	2077	2078	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.1	21.8	41.9
57709	58074	2078	2079	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.1	21.8	41.9
58074	58440	2079	2080	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.1	21.8	41.9
58440	58805	2080	2081	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.1	21.8	41.9
58805	59170	2081	2082	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.1	21.8	41.8
59170	59535	2082	2083	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.1	21.8	41.8
59535	59901	2083	2084	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.1	21.8	41.8
59901	60266	2084	2085	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.1	21.8	41.8
60266	60631	2085	2086	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
60631	60996	2086	2087	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
60996	61362	2087	2088	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
61362	61727	2088	2089	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
61727	62092	2089	2090	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
62092	62457	2090	2091	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
62457	62823	2091	2092	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
62823	63188	2092	2093	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
63188	63553	2093	2094	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
63553	63918	2094	2095	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
63918	64284	2095	2096	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
64284	64649	2096	2097	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
64649	65014	2097	2098	0.4	4.8	7.5	11.1	5.5	7.0	5.5	20.0	21.8	41.8
65014	65379	2098	2099	0.4	4.8	7.5	11.1	5.5	7.0	5.5	19.9	21.8	41.8
65379	65745	2099	2100	0.4	4.8	7.5	11.1	5.5	7.0	5.5	19.9	21.8	41.8
65745	66110	2100	2101	0.4	4.8	7.5	11.1	5.4	7.0	5.5	19.9	21.8	41.8
66110	66475	2101	2102	0.4	4.8	7.5	11.1	5.4	7.0	5.5	19.9	21.8	41.8
66475	66840	2102	2103	0.4	4.8	7.5	11.1	5.4	7.0	5.5	19.9	21.8	41.8
66840	67206	2103	2104	0.4	4.8	7.5	11.1	5.4	7.0	5.5	19.9	21.8	41.8
67206	67571	2104	2105	0.4	4.8	7.5	11.1	5.4	7.0	5.5	19.9	21.8	41.8
67571	67936	2105	2106	0.4	4.8	7.5	11.1	5.4	7.0	5.5	19.9	21.8	41.8
67936	68301	2106	2107	0.5	4.8	7.5	11.1	5.4	7.0	5.5	19.9	21.9	41.8
68301	68667	2107	2108	0.5	4.8	7.5	11.1	5.4	7.0	5.5	19.9	21.9	41.7
68667	69032	2108	2109	0.5	4.8	7.5	11.1	5.4	7.0	5.5	19.9	21.9	41.7
69032	69397	2109	2110	0.5	4.8	7.5	11.1	5.4	7.0	5.5	19.9	21.9	41.7
	Salinity (mg/L)			5,000	6,000	10,000	7,000	5,000	7,000	7,000			

B-5(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 5) (highland to salt drains)



B-5(S5). Graph of modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 5) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	3652	1920	1930	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
3652	7305	1930	1940	0.0	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.7	0.7
7305	14610	1940	1960	0.0	0.1	0.0	0.9	0.0	0.0	0.0	0.0	1.1	1.1
14610	18263	1960	1970	0.0	0.1	0.0	1.0	0.0	0.0	0.0	0.0	1.2	1.2
18263	21915	1970	1980	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.3	1.3
21915	24837	1980	1988	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
24837	25202	1988	1989	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
25202	25567	1989	1990	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
25567	25932	1990	1991	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
25932	26298	1991	1992	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
26298	26663	1992	1993	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
26663	27028	1993	1994	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
27028	27393	1994	1995	0.1	0.2	0.0	1.1	0.0	0.0	0.0	0.0	1.4	1.4
27393	27759	1995	1996	0.1	0.2	0.0	1.4	0.0	0.0	0.0	0.0	1.7	1.7
27759	28124	1996	1997	0.1	0.2	0.0	1.6	0.0	0.0	0.0	0.0	1.9	1.9
28124	28489	1997	1998	0.1	0.2	0.0	1.7	0.0	0.0	0.0	0.0	2.0	2.1
28489	28854	1998	1999	0.1	0.3	0.0	1.8	0.0	0.0	0.0	0.0	2.1	2.1
28854	29220	1999	2000	0.1	0.3	0.0	1.7	0.0	0.0	0.0	0.0	2.1	2.1
29220	29585	2000	2001	0.0	0.2	0.0	1.6	0.0	0.0	0.0	0.0	1.8	1.8
29585	29950	2001	2002	0.0	0.6	0.0	1.7	0.0	0.0	0.0	0.0	2.3	2.4
29950	30315	2002	2003	0.1	0.7	0.1	1.8	0.0	0.0	0.1	0.1	2.7	2.7
30315	30681	2003	2004	0.1	0.8	0.1	1.8	0.0	0.0	0.1	0.1	2.8	2.9
30681	31046	2004	2005	0.1	0.7	0.1	1.6	0.0	0.0	0.0	0.1	2.4	2.5
31046	31411	2005	2006	0.1	0.7	0.1	1.6	0.0	0.0	0.0	0.1	2.4	2.5
31411	31776	2006	2007	0.1	0.7	0.1	1.6	0.0	0.0	0.0	0.1	2.3	2.4
31776	32142	2007	2008	0.1	0.9	0.1	1.7	0.0	0.0	0.1	0.1	2.8	2.9
32142	32507	2008	2009	0.4	1.5	0.6	2.0	0.0	1.1	0.4	1.7	4.4	6.1
32507	32872	2009	2010	0.6	2.0	1.4	2.2	0.0	2.2	0.8	3.6	5.6	9.2
32872	33237	2010	2011	0.4	1.7	0.9	2.0	0.0	1.4	0.5	2.3	4.6	6.9
33237	33603	2011	2012	0.4	1.6	0.7	1.8	0.0	1.0	0.4	1.7	4.2	5.9
33603	33968	2012	2013	0.3	1.5	0.5	1.7	0.0	0.8	0.4	1.3	3.9	5.2
33968	34333	2013	2014	0.3	1.4	0.4	1.6	0.0	0.7	0.3	1.1	3.6	4.7
34333	34698	2014	2015	0.3	1.3	0.3	1.5	0.0	0.6	0.3	0.9	3.5	4.3
34698	35064	2015	2016	0.3	1.3	0.2	1.5	0.0	0.5	0.3	0.7	3.3	4.1
35064	35429	2016	2017	0.3	1.3	0.2	1.4	0.0	0.5	0.2	0.6	3.2	3.8
35429	35794	2017	2018	0.3	1.2	0.1	1.4	0.0	0.4	0.2	0.5	3.1	3.6
35794	36159	2018	2019	0.2	1.2	0.1	1.3	0.0	0.4	0.2	0.5	3.0	3.5
36159	36525	2019	2020	0.2	1.2	0.1	1.3	0.0	0.3	0.2	0.4	2.9	3.3
36525	36890	2020	2021	0.2	1.2	0.1	1.3	0.0	0.3	0.2	0.4	2.9	3.2
36890	37255	2021	2022	0.2	1.2	0.1	1.2	0.0	0.3	0.2	0.3	2.8	3.1
37255	37620	2022	2023	0.2	1.1	0.1	1.2	0.0	0.2	0.2	0.3	2.8	3.1
37620	37986	2023	2024	0.2	1.1	0.1	1.2	0.0	0.2	0.2	0.3	2.7	3.0
37986	38351	2024	2025	0.2	1.2	0.1	1.2	0.0	0.3	0.2	0.4	2.8	3.2

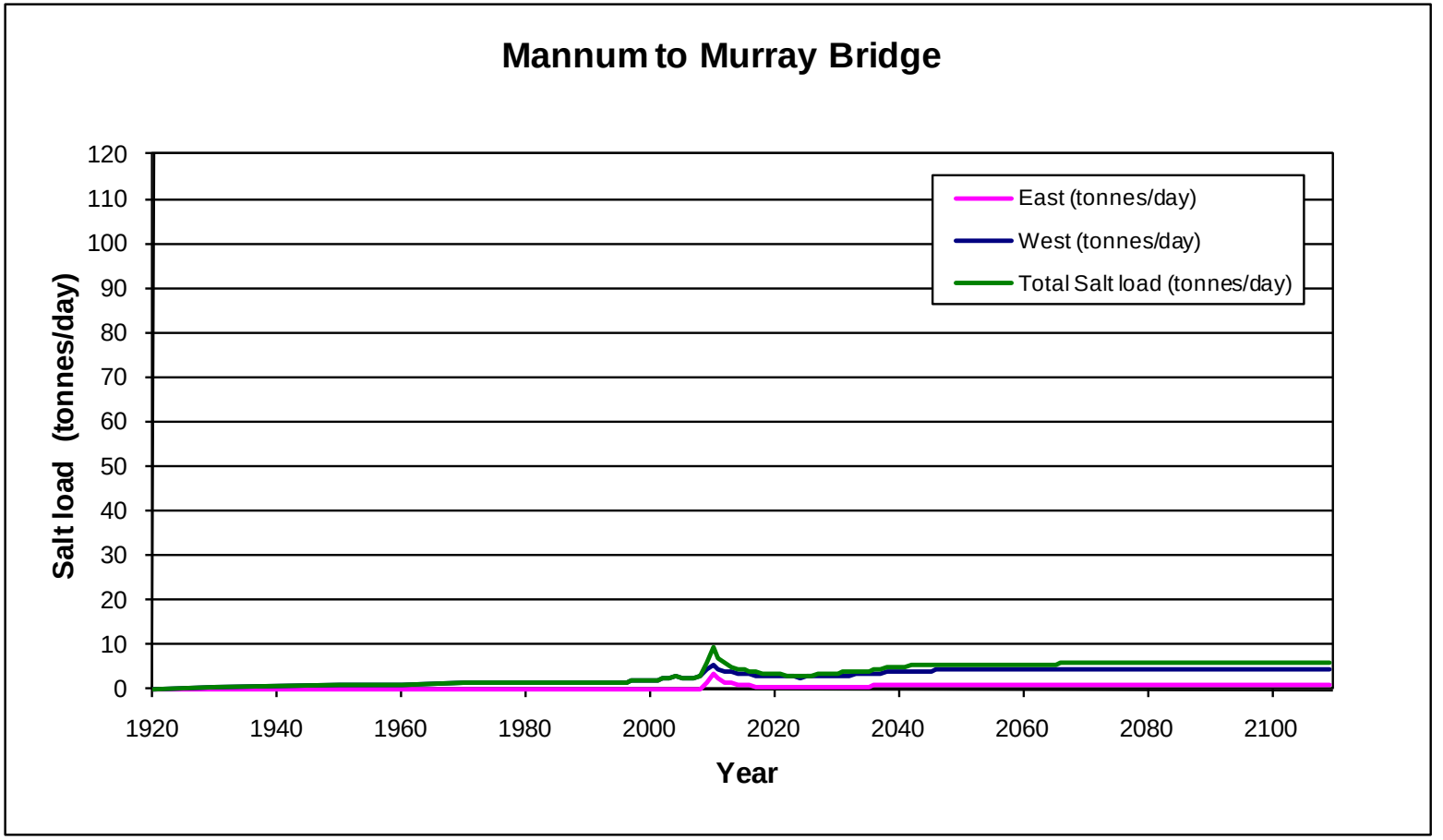
B-5(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 5) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.2	1.2	0.1	1.2	0.0	0.3	0.2	0.4	2.8	3.2
38716	39081	2026	2027	0.2	1.3	0.1	1.4	0.0	0.3	0.2	0.4	3.0	3.4
39081	39447	2027	2028	0.2	1.3	0.1	1.4	0.0	0.4	0.2	0.5	3.0	3.5
39447	39812	2028	2029	0.2	1.3	0.1	1.4	0.0	0.4	0.2	0.5	3.1	3.6
39812	40177	2029	2030	0.2	1.3	0.1	1.4	0.0	0.5	0.2	0.5	3.1	3.7
40177	40542	2030	2031	0.2	1.3	0.1	1.4	0.0	0.5	0.2	0.6	3.2	3.8
40542	40908	2031	2032	0.2	1.3	0.1	1.4	0.0	0.5	0.3	0.6	3.2	3.8
40908	41273	2032	2033	0.2	1.3	0.1	1.5	0.0	0.6	0.3	0.6	3.3	3.9
41273	41638	2033	2034	0.2	1.4	0.1	1.5	0.0	0.6	0.3	0.7	3.4	4.0
41638	42003	2034	2035	0.2	1.4	0.1	1.5	0.0	0.6	0.3	0.7	3.4	4.1
42003	42369	2035	2036	0.2	1.5	0.1	1.5	0.0	0.8	0.4	0.9	3.6	4.4
42369	42734	2036	2037	0.2	1.6	0.1	1.5	0.0	0.9	0.5	1.0	3.7	4.7
42734	43099	2037	2038	0.2	1.6	0.1	1.5	0.0	0.9	0.5	1.0	3.8	4.9
43099	43464	2038	2039	0.2	1.7	0.1	1.5	0.0	1.0	0.5	1.1	3.9	5.0
43464	43830	2039	2040	0.2	1.8	0.1	1.5	0.0	1.0	0.5	1.1	4.0	5.1
43830	44195	2040	2041	0.2	1.8	0.1	1.5	0.0	1.0	0.5	1.1	4.1	5.2
44195	44560	2041	2042	0.2	1.8	0.1	1.5	0.0	1.1	0.6	1.1	4.1	5.3
44560	44925	2042	2043	0.2	1.9	0.1	1.5	0.0	1.1	0.6	1.2	4.2	5.3
44925	45291	2043	2044	0.2	1.9	0.1	1.5	0.0	1.1	0.6	1.2	4.2	5.4
45291	45656	2044	2045	0.2	1.9	0.1	1.5	0.0	1.1	0.6	1.2	4.2	5.4
45656	46021	2045	2046	0.2	1.9	0.1	1.5	0.0	1.1	0.6	1.2	4.3	5.4
46021	46386	2046	2047	0.2	1.9	0.1	1.5	0.0	1.1	0.6	1.2	4.3	5.5
46386	46752	2047	2048	0.2	2.0	0.1	1.5	0.0	1.1	0.6	1.2	4.3	5.5
46752	47117	2048	2049	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.3	5.5
47117	47482	2049	2050	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.3	5.5
47482	47847	2050	2051	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.6
47847	48213	2051	2052	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.6
48213	48578	2052	2053	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.6
48578	48943	2053	2054	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.6
48943	49308	2054	2055	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.6
49308	49674	2055	2056	0.2	2.0	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.6
49674	50039	2056	2057	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.6
50039	50404	2057	2058	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.4	5.7
50404	50769	2058	2059	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
50769	51135	2059	2060	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
51135	51500	2060	2061	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
51500	51865	2061	2062	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
51865	52230	2062	2063	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
52230	52596	2063	2064	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
52596	52961	2064	2065	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
52961	53326	2065	2066	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
53326	53691	2066	2067	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7

B-5(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 5) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z25-Z2	Z26-Z2	Z27-Z2	Z28-Z2	Z29-Z2	Z30-Z2	Z31-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
54057	54422	2068	2069	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
54422	54787	2069	2070	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
54787	55152	2070	2071	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.5	5.7
55152	55518	2071	2072	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
55518	55883	2072	2073	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
55883	56248	2073	2074	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
56248	56613	2074	2075	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
56613	56979	2075	2076	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
56979	57344	2076	2077	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
57344	57709	2077	2078	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
57709	58074	2078	2079	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
58074	58440	2079	2080	0.2	2.1	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
58440	58805	2080	2081	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
58805	59170	2081	2082	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
59170	59535	2082	2083	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
59535	59901	2083	2084	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
59901	60266	2084	2085	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
60266	60631	2085	2086	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
60631	60996	2086	2087	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
60996	61362	2087	2088	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
61362	61727	2088	2089	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
61727	62092	2089	2090	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
62092	62457	2090	2091	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
62457	62823	2091	2092	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
62823	63188	2092	2093	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
63188	63553	2093	2094	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
63553	63918	2094	2095	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
63918	64284	2095	2096	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
64284	64649	2096	2097	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.6	5.8
64649	65014	2097	2098	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
65014	65379	2098	2099	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
65379	65745	2099	2100	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
65745	66110	2100	2101	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
66110	66475	2101	2102	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
66475	66840	2102	2103	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
66840	67206	2103	2104	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
67206	67571	2104	2105	0.2	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
67571	67936	2105	2106	0.3	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
67936	68301	2106	2107	0.3	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
68301	68667	2107	2108	0.3	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
68667	69032	2108	2109	0.3	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
69032	69397	2109	2110	0.3	2.2	0.1	1.6	0.0	1.1	0.6	1.2	4.7	5.8
	Salinity (mg/L)			5,000	6,000	10,000	7,000	5,000	7,000	7,000			

B-5(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 5) (floodplain to river)



B-5(S5). Graph of modelled salt load (tonnes/day) entering the River Murray in the Mannum to Murray Bridge area (Scenario 5) (floodplain to river)

B-6. MODEL OUTPUT – MURRAY BRIDGE TO WELLINGTON

- Model scenario conditions
- Flow budget zones
- Transient groundwater flux and salt load
- Modelled groundwater flux (m^3/d)
- Modelled salt load (t/d)

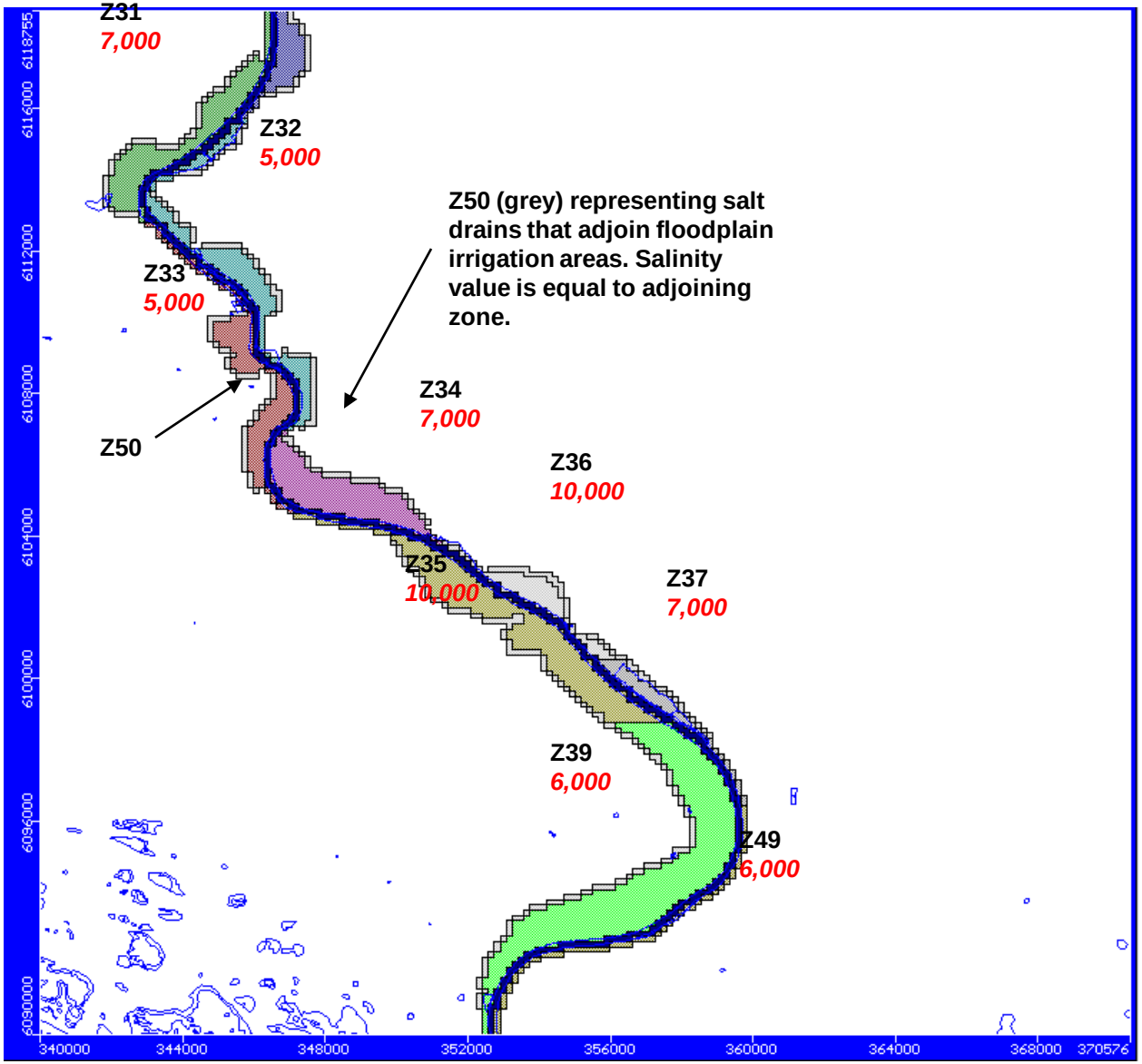
(Transient from 1920 to 2009)

(Scenario-2, 3A, 3B, 3C, 4 and 5)

Scenario	Name	Model Run	Irrigation development area	IIP[1]	RH[2]	SIS[3]
S-1	Natural system	Steady State	None	-	-	-
S-2	Mallee clearance	1920-2109	None (but includes Mallee clearance area)	-	-	-
S-3A	Pre-1988, no IIP, no RH	1988-2109	Pre-1988	No	No	-
S-3B	Pre-1988, with IIP, no RH	1988-2109	Pre-1988	Yes	No	-
S-3C	Pre-1988, with IIP and RH	1988-2109	Pre-1988	Yes	Yes	-
S-4	Current irrigation	2009-2109	Pre-1988 + Post-1988	Yes	Yes	No
S-5	Current plus future irrigation	2009-2109	Pre-1988 + Post-1988 + Future development	Yes	Yes	No

Note: 1 Improved Irrigation practices, 2 Rehabilitation, 3 Salt Interception Scheme (see Glossary for definitions)

B-2. Model Scenario and Conditions



B-2. Flow budget zones (model layer 1) and groundwater salinity values (TDS mg/L) in the Murray Bridge to Wellington area

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	738	474	377	243	408	365	186	***1888***	***903***	**2791**
3652	*7305*	1930	1940	615	425	319	174	344	324	78	***1601***	***677***	**2278**
7305	*14610*	1940	1960	622	430	322	178	346	325	89	***1615***	***696***	**2311**
14610	*18263*	1960	1970	871	579	1042	932	348	324	90	***2586***	***1600***	**4186**
18263	*21915*	1970	1980	892	590	1062	999	351	324	90	***2628***	***1679***	**4307**
21915	*24837*	1980	1988	898	593	1067	1022	352	324	90	***2640***	***1705***	**4346**
24837	*25202*	1988	1989	898	594	1067	1023	352	324	90	***2641***	***1707***	**4348**
25202	*25567*	1989	1990	899	594	1067	1025	352	324	90	***2642***	***1709***	**4351**
25567	*25932*	1990	1991	899	594	1067	1026	352	324	90	***2642***	***1710***	**4352**
25932	*26298*	1991	1992	899	594	1068	1027	352	324	90	***2643***	***1711***	**4354**
26298	*26663*	1992	1993	899	594	1068	1028	352	324	90	***2643***	***1712***	**4355**
26663	*27028*	1993	1994	900	594	1068	1028	352	324	90	***2643***	***1713***	**4356**
27028	*27393*	1994	1995	900	594	1068	1029	352	324	90	***2644***	***1714***	**4358**
27393	*27759*	1995	1996	900	595	1068	1031	352	324	90	***2645***	***1716***	**4360**
27759	*28124*	1996	1997	901	595	1069	1033	352	324	90	***2645***	***1718***	**4363**
28124	*28489*	1997	1998	901	595	1069	1034	352	324	90	***2646***	***1720***	**4366**
28489	*28854*	1998	1999	916	596	1008	980	369	335	97	***2627***	***1673***	**4300**
28854	*29220*	1999	2000	915	589	922	902	382	343	105	***2562***	***1596***	**4158**
29220	*29585*	2000	2001	783	544	824	819	336	302	76	***2245***	***1440***	**3685**
29585	*29950*	2001	2002	979	661	821	810	364	316	139	***2480***	***1609***	**4089**
29950	*30315*	2002	2003	1183	755	860	827	421	363	217	***2827***	***1799***	**4626**
30315	*30681*	2003	2004	1306	809	876	831	460	394	276	***3035***	***1917***	**4951**
30681	*31046*	2004	2005	1146	775	777	748	400	338	212	***2662***	***1735***	**4396**
31046	*31411*	2005	2006	1163	784	763	728	407	345	224	***2678***	***1736***	**4414**
31411	*31776*	2006	2007	1160	783	742	703	409	347	228	***2659***	***1715***	**4373**
31776	*32142*	2007	2008	1395	847	825	759	502	429	339	***3150***	***1944***	**5095**
32142	*32507*	2008	2009	2072	1026	1084	970	759	688	667	***4603***	***2663***	**7266**
32507	*32872*	2009	2010	2543	1147	1266	1133	948	897	901	***5654***	***3181***	**8835**

B-6 (Transient from 1920 to 2009). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	1920	1930	0	9	0	0	0	31	0	408	*439*	*9*	448
3652	*7305*	1930	1940	0	10	0	0	0	33	0	408	*441*	*10*	451
7305	*14610*	1940	1960	0	10	0	0	0	33	0	408	*441*	*10*	451
14610	*18263*	1960	1970	0	20	0	1	0	33	0	407	*440*	*21*	461
18263	*21915*	1970	1980	0	20	0	1	0	33	0	407	*440*	*21*	461
21915	*24837*	1980	1988	0	21	0	2	0	32	0	407	*440*	*22*	462
24837	*25202*	1988	1989	0	21	0	2	0	32	0	407	*440*	*23*	462
25202	*25567*	1989	1990	0	21	0	2	0	32	0	407	*439*	*23*	462
25567	*25932*	1990	1991	0	21	0	2	0	32	0	407	*439*	*23*	462
25932	*26298*	1991	1992	0	21	0	2	0	32	0	407	*439*	*23*	462
26298	*26663*	1992	1993	0	21	0	2	0	32	0	407	*439*	*23*	462
26663	*27028*	1993	1994	0	21	0	2	0	32	0	407	*439*	*23*	462
27028	*27393*	1994	1995	0	21	0	2	0	32	0	407	*439*	*23*	462
27393	*27759*	1995	1996	0	21	0	2	0	32	0	407	*439*	*23*	462
27759	*28124*	1996	1997	0	21	0	2	0	32	0	407	*439*	*23*	462
28124	*28489*	1997	1998	0	21	0	2	0	32	0	407	*439*	*23*	463
28489	*28854*	1998	1999	0	19	0	2	0	32	0	407	*439*	*21*	460
28854	*29220*	1999	2000	0	17	0	2	0	32	0	407	*439*	*19*	458
29220	*29585*	2000	2001	0	4	0	0	0	6	0	272	*278*	*4*	282
29585	*29950*	2001	2002	0	38	0	44	0	12	0	538	*550*	*81*	631
29950	*30315*	2002	2003	0	103	0	86	0	45	0	737	*782*	*189*	971
30315	*30681*	2003	2004	0	145	0	120	1	74	0	858	*933*	*265*	1197
30681	*31046*	2004	2005	0	108	0	94	0	26	0	622	*649*	*202*	851
31046	*31411*	2005	2006	0	119	0	104	0	30	0	628	*658*	*223*	881
31411	*31776*	2006	2007	0	122	0	106	0	30	0	617	*648*	*229*	876
31776	*32142*	2007	2008	0	189	0	156	0	104	0	922	*1026*	*345*	1372
32142	*32507*	2008	2009	0	387	7	326	49	352	0	1757	*2164*	*712*	2877
32507	*32872*	2009	2010	0	508	21	424	103	544	3	2437	*3105*	*935*	4040

B-6 (Transient from 1920 to 2009). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3652*	1920	1930	3.7	2.4	2.6	2.4	4.1	2.6	1.1	***13.0***	***5.9***	18.9
3652	*7305*	1930	1940	3.1	2.1	2.2	1.7	3.4	2.3	0.5	***11.0***	***4.3***	15.3
7305	*14610*	1940	1960	3.1	2.1	2.3	1.8	3.5	2.3	0.5	***11.1***	***4.5***	15.6
14610	*18263*	1960	1970	4.4	2.9	7.3	9.3	3.5	2.3	0.5	***17.4***	***12.8***	30.2
18263	*21915*	1970	1980	4.5	3.0	7.4	10.0	3.5	2.3	0.5	***17.7***	***13.5***	31.1
21915	*24837*	1980	1988	4.5	3.0	7.5	10.2	3.5	2.3	0.5	***17.7***	***13.7***	31.5
24837	*25202*	1988	1989	4.5	3.0	7.5	10.2	3.5	2.3	0.5	***17.7***	***13.7***	31.5
25202	*25567*	1989	1990	4.5	3.0	7.5	10.2	3.5	2.3	0.5	***17.8***	***13.8***	31.5
25567	*25932*	1990	1991	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.8***	31.5
25932	*26298*	1991	1992	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.8***	31.5
26298	*26663*	1992	1993	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.8***	31.5
26663	*27028*	1993	1994	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.8***	31.6
27028	*27393*	1994	1995	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.8***	31.6
27393	*27759*	1995	1996	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.8***	31.6
27759	*28124*	1996	1997	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.8***	31.6
28124	*28489*	1997	1998	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.9***	31.6
28489	*28854*	1998	1999	4.6	3.0	7.1	9.8	3.7	2.3	0.6	***17.7***	***13.4***	31.0
28854	*29220*	1999	2000	4.6	2.9	6.5	9.0	3.8	2.4	0.6	***17.3***	***12.6***	29.8
29220	*29585*	2000	2001	3.9	2.7	5.8	8.2	3.4	2.1	0.5	***15.2***	***11.4***	26.5
29585	*29950*	2001	2002	4.9	3.3	5.7	8.1	3.6	2.2	0.8	***16.5***	***12.2***	28.7
29950	*30315*	2002	2003	5.9	3.8	6.0	8.3	4.2	2.5	1.3	***18.7***	***13.3***	32.0
30315	*30681*	2003	2004	6.5	4.0	6.1	8.3	4.6	2.8	1.7	***20.0***	***14.0***	34.0
30681	*31046*	2004	2005	5.7	3.9	5.4	7.5	4.0	2.4	1.3	***17.5***	***12.6***	30.2
31046	*31411*	2005	2006	5.8	3.9	5.3	7.3	4.1	2.4	1.3	***17.6***	***12.5***	30.2
31411	*31776*	2006	2007	5.8	3.9	5.2	7.0	4.1	2.4	1.4	***17.5***	***12.3***	29.8
31776	*32142*	2007	2008	7.0	4.2	5.8	7.6	5.0	3.0	2.0	***20.8***	***13.9***	34.6
32142	*32507*	2008	2009	10.4	5.1	7.6	9.7	7.6	4.8	4.0	***30.4***	***18.8***	49.2
32507	*32872*	2009	2010	12.7	5.7	8.9	11.3	9.5	6.3	5.4	***37.3***	***22.5***	59.8

B-6 (Transient from 1920 to 2009). Modelled groundwater salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3652*	1920	1930	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.0***	2.7
3652	*7305*	1930	1940	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.7
7305	*14610*	1940	1960	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.7
14610	*18263*	1960	1970	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
18263	*21915*	1970	1980	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
21915	*24837*	1980	1988	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
24837	*25202*	1988	1989	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
25202	*25567*	1989	1990	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
25567	*25932*	1990	1991	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
25932	*26298*	1991	1992	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
26298	*26663*	1992	1993	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
26663	*27028*	1993	1994	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
27028	*27393*	1994	1995	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
27393	*27759*	1995	1996	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
27759	*28124*	1996	1997	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
28124	*28489*	1997	1998	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
28489	*28854*	1998	1999	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
28854	*29220*	1999	2000	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
29220	*29585*	2000	2001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	***1.7***	***0.0***	1.7
29585	*29950*	2001	2002	0.0	0.2	0.0	0.4	0.0	0.1	0.0	3.2	***3.3***	***0.6***	3.9
29950	*30315*	2002	2003	0.0	0.5	0.0	0.9	0.0	0.3	0.0	4.4	***4.7***	***1.4***	6.1
30315	*30681*	2003	2004	0.0	0.7	0.0	1.2	0.0	0.5	0.0	5.1	***5.7***	***1.9***	7.6
30681	*31046*	2004	2005	0.0	0.5	0.0	0.9	0.0	0.2	0.0	3.7	***3.9***	***1.5***	5.4
31046	*31411*	2005	2006	0.0	0.6	0.0	1.0	0.0	0.2	0.0	3.8	***4.0***	***1.6***	5.6
31411	*31776*	2006	2007	0.0	0.6	0.0	1.1	0.0	0.2	0.0	3.7	***3.9***	***1.7***	5.6
31776	*32142*	2007	2008	0.0	0.9	0.0	1.6	0.0	0.7	0.0	5.5	***6.3***	***2.5***	8.8
32142	*32507*	2008	2009	0.0	1.9	0.0	3.3	0.5	2.5	0.0	10.5	***13.5***	***5.2***	18.7
32507	*32872*	2009	2010	0.0	2.5	0.1	4.2	1.0	3.8	0.0	14.6	***19.6***	***6.8***	26.4

B-6 (Transient from 1920 to 2009). Modelled groundwater salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3653*	*1920*	*1930*	721	469	370	231	403	363	149	*1856*	*850*	2706
3653	*10950*	*1930*	*1950*	721	469	370	231	403	363	149	*1856*	*850*	2706
10950	*14610*	*1950*	*1960*	721	469	370	231	403	363	149	*1856*	*850*	2706
14610	*18263*	*1960*	*1970*	742	469	394	234	415	373	149	*1924*	*852*	2776
18263	*21915*	*1970*	*1980*	761	471	410	238	424	384	151	*1979*	*860*	2839
21915	*24837*	*1980*	*1988*	780	474	424	243	439	409	160	*2052*	*877*	2929
24837	*25202*	*1988*	*1989*	801	479	440	256	452	430	175	*2122*	*910*	3032
25202	*25568*	*1989*	*1990*	801	480	440	256	452	431	176	*2124*	*912*	3036
25568	*25933*	*1990*	*1991*	802	480	440	257	453	431	177	*2126*	*913*	3039
25933	*26298*	*1991*	*1992*	813	483	448	265	455	436	182	*2152*	*929*	3081
26298	*26663*	*1992*	*1993*	818	485	452	269	456	439	185	*2165*	*939*	3104
26663	*27029*	*1993*	*1994*	820	486	454	272	458	441	188	*2173*	*946*	3119
27029	*27394*	*1994*	*1995*	822	487	455	275	459	442	190	*2179*	*952*	3131
27394	*27759*	*1995*	*1996*	823	488	457	276	460	444	192	*2183*	*957*	3140
27759	*28124*	*1996*	*1997*	824	489	458	278	460	445	194	*2187*	*961*	3148
28124	*28490*	*1997*	*1998*	825	489	458	279	461	446	196	*2190*	*964*	3154
28490	*28855*	*1998*	*1999*	826	490	459	281	462	446	197	*2192*	*968*	3160
28855	*29220*	*1999*	*2000*	826	490	459	282	462	447	198	*2194*	*971*	3165
29220	*29585*	*2000*	*2001*	827	491	460	283	462	447	199	*2196*	*973*	3169
29585	*29951*	*2001*	*2002*	725	470	413	271	419	412	194	*1968*	*935*	2903
29951	*30316*	*2002*	*2003*	769	481	437	281	434	428	200	*2068*	*962*	3030
30316	*30681*	*2003*	*2004*	907	512	499	309	487	475	215	*2367*	*1035*	3402
30681	*31046*	*2004*	*2005*	999	535	539	333	523	506	227	*2567*	*1096*	3662
31046	*31412*	*2005*	*2006*	830	496	464	301	463	451	215	*2208*	*1012*	3219
31412	*31777*	*2006*	*2007*	848	501	475	306	470	458	218	*2250*	*1026*	3275
31777	*32142*	*2007*	*2008*	853	503	478	310	472	460	220	*2263*	*1033*	3296
32142	*32507*	*2008*	*2009*	1097	565	584	368	563	542	248	*2787*	*1180*	3967
32507	*32872*	*2009*	*2010*	1797	752	881	597	820	821	473	*4319*	*1821*	6140
32872	*33238*	*2010*	*2011*	2289	887	1081	795	1011	1032	767	*5413*	*2450*	7863
33238	*33603*	*2011*	*2012*	1874	782	907	666	877	867	623	*4526*	*2071*	6597
33603	*33968*	*2012*	*2013*	1670	736	826	612	815	790	558	*4100*	*1906*	6006
33968	*34333*	*2013*	*2014*	1544	709	777	581	776	743	520	*3840*	*1809*	5649
34333	*34699*	*2014*	*2015*	1457	691	744	561	749	711	493	*3660*	*1744*	5405
34699	*35064*	*2015*	*2016*	1394	677	719	546	728	687	474	*3527*	*1697*	5225
35064	*35429*	*2016*	*2017*	1345	667	700	535	712	668	459	*3425*	*1661*	5086
35429	*35794*	*2017*	*2018*	1306	658	685	527	699	653	447	*3343*	*1632*	4975
35794	*36160*	*2018*	*2019*	1274	651	672	520	688	641	438	*3275*	*1609*	4884
36160	*36525*	*2019*	*2020*	1247	645	662	514	679	631	430	*3218*	*1590*	4808
36525	*36890*	*2020*	*2021*	1224	640	653	510	671	622	423	*3169*	*1573*	4742
36890	*37255*	*2021*	*2022*	1216	640	649	509	666	619	419	*3149*	*1568*	4717
37255	*37621*	*2022*	*2023*	1204	639	645	508	662	615	416	*3125*	*1563*	4688
37621	*37986*	*2023*	*2024*	1192	637	640	508	658	611	413	*3101*	*1558*	4660
37986	*38351*	*2024*	*2025*	1181	636	636	508	655	607	411	*3079*	*1554*	4634

B-6(S2). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 2) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	1170	634	633	508	652	604	409	3059	1551	4610
38716	39082	2026	2027	1161	633	629	508	649	601	408	3040	1548	4588
39082	39447	2027	2028	1152	631	626	508	647	599	406	3023	1546	4569
39447	39812	2028	2029	1143	630	623	509	644	596	405	3007	1544	4551
39812	40177	2029	2030	1135	629	620	509	642	594	404	2992	1542	4534
40177	40543	2030	2031	1128	628	618	510	640	592	403	2978	1541	4519
40543	40908	2031	2032	1131	630	618	512	640	593	404	2981	1546	4527
40908	41273	2032	2033	1129	631	618	515	640	593	405	2980	1552	4532
41273	41638	2033	2034	1127	632	617	518	640	593	407	2977	1557	4533
41638	42004	2034	2035	1123	633	616	521	640	593	408	2972	1562	4534
42004	42369	2035	2036	1120	633	615	523	640	593	410	2968	1566	4534
42369	42734	2036	2037	1116	633	615	526	639	593	411	2963	1571	4534
42734	43099	2037	2038	1113	634	614	529	639	593	413	2958	1575	4534
43099	43465	2038	2039	1109	634	613	531	639	593	414	2954	1580	4533
43465	43830	2039	2040	1106	634	612	534	638	592	416	2949	1584	4533
43830	44195	2040	2041	1103	634	611	536	638	592	417	2944	1588	4532
44195	44560	2041	2042	1107	637	612	540	639	594	420	2951	1597	4548
44560	44926	2042	2043	1108	639	613	544	640	595	423	2956	1606	4561
44926	45291	2043	2044	1108	640	614	548	641	596	427	2959	1615	4573
45291	45656	2044	2045	1108	642	614	552	642	597	430	2961	1623	4584
45656	46021	2045	2046	1107	643	614	555	643	598	433	2962	1632	4594
46021	46387	2046	2047	1106	644	615	559	643	599	436	2963	1640	4602
46387	46752	2047	2048	1105	645	615	563	644	600	440	2963	1647	4611
46752	47117	2048	2049	1104	646	615	566	645	601	443	2964	1655	4619
47117	47482	2049	2050	1103	647	615	570	645	601	446	2964	1662	4626
47482	47848	2050	2051	1101	647	615	573	646	602	449	2964	1669	4633
47848	48213	2051	2052	1106	650	616	577	647	603	452	2972	1679	4651
48213	48578	2052	2053	1108	652	618	581	649	605	456	2979	1689	4669
48578	48943	2053	2054	1110	653	619	586	650	607	460	2986	1700	4685
48943	49309	2054	2055	1111	655	621	590	651	609	465	2991	1709	4701
49309	49674	2055	2056	1111	657	622	594	653	611	469	2996	1719	4715
49674	50039	2056	2057	1112	658	623	598	654	612	472	3001	1728	4729
50039	50404	2057	2058	1112	659	624	602	655	614	476	3005	1737	4742
50404	50770	2058	2059	1112	661	624	606	656	616	480	3009	1746	4755
50770	51135	2059	2060	1113	662	625	609	657	617	484	3012	1755	4767
51135	51500	2060	2061	1113	663	626	613	658	619	487	3015	1763	4778
51500	51865	2061	2062	1117	665	627	617	660	620	491	3024	1773	4797
51865	52231	2062	2063	1120	667	630	621	662	622	495	3033	1783	4816
52231	52596	2063	2064	1122	669	632	625	664	624	499	3042	1793	4835
52596	52961	2064	2065	1125	670	634	629	665	627	503	3050	1803	4853
52961	53326	2065	2066	1126	672	635	633	667	629	507	3057	1812	4870
53326	53692	2066	2067	1128	673	637	637	669	631	511	3065	1821	4886

B-6(S2). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 2) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53692	54057	2067	2068	1129	675	638	640	670	633	515	3071	1830	4901
54057	54422	2068	2069	1130	676	639	644	672	635	519	3077	1839	4916
54422	54787	2069	2070	1132	678	641	647	673	637	523	3083	1848	4930
54787	55153	2070	2071	1133	679	642	651	675	639	526	3088	1856	4944
55153	55518	2071	2072	1136	681	644	654	677	641	530	3098	1865	4963
55518	55883	2072	2073	1140	683	647	658	679	644	534	3109	1874	4983
55883	56248	2073	2074	1143	684	649	662	681	646	537	3119	1883	5002
56248	56614	2074	2075	1146	686	651	665	683	649	541	3128	1892	5020
56614	56979	2075	2076	1148	688	653	669	685	651	545	3137	1901	5038
56979	57344	2076	2077	1151	689	655	672	687	654	548	3146	1909	5055
57344	57709	2077	2078	1153	691	657	675	689	656	551	3154	1917	5072
57709	58075	2078	2079	1154	692	659	678	690	659	555	3162	1925	5087
58075	58440	2079	2080	1156	694	660	682	692	661	558	3169	1933	5103
58440	58805	2080	2081	1158	695	661	685	694	663	561	3176	1941	5117
58805	59170	2081	2082	1162	696	664	688	696	665	565	3187	1949	5136
59170	59536	2082	2083	1166	698	667	691	698	668	568	3199	1957	5156
59536	59901	2083	2084	1169	700	669	694	701	671	571	3209	1965	5174
59901	60266	2084	2085	1172	702	672	697	703	673	574	3220	1973	5193
60266	60631	2085	2086	1175	703	674	700	705	676	577	3230	1980	5210
60631	60997	2086	2087	1177	705	676	703	707	679	580	3239	1988	5227
60997	61362	2087	2088	1180	706	678	706	709	681	583	3249	1995	5244
61362	61727	2088	2089	1182	708	680	709	711	684	586	3258	2002	5260
61727	62092	2089	2090	1185	709	682	712	713	687	589	3266	2009	5275
62092	62458	2090	2091	1187	710	683	714	715	689	592	3274	2016	5290
62458	62823	2091	2092	1191	712	686	717	718	692	594	3285	2023	5309
62823	63188	2092	2093	1194	714	688	720	720	694	597	3297	2030	5328
63188	63553	2093	2094	1198	715	691	722	723	697	600	3308	2037	5346
63553	63919	2094	2095	1201	717	694	725	725	700	602	3319	2044	5363
63919	64284	2095	2096	1204	718	696	727	727	702	605	3330	2051	5380
64284	64649	2096	2097	1207	720	698	730	730	705	608	3340	2057	5397
64649	65014	2097	2098	1210	721	700	732	732	708	610	3349	2064	5413
65014	65380	2098	2099	1212	723	702	735	734	711	612	3359	2070	5429
65380	65745	2099	2100	1215	724	703	737	736	714	615	3368	2076	5444
65745	66110	2100	2101	1217	726	705	740	738	716	617	3377	2083	5459
66110	66475	2101	2102	1221	727	707	742	741	719	620	3388	2089	5477
66475	66841	2102	2103	1225	729	710	744	744	721	622	3400	2095	5495
66841	67206	2103	2104	1229	730	713	747	746	724	624	3411	2101	5512
67206	67571	2104	2105	1232	732	715	749	748	727	626	3422	2107	5529
67571	67936	2105	2106	1235	733	717	751	751	730	629	3433	2113	5546
67936	68302	2106	2107	1238	735	719	753	753	733	631	3443	2119	5562
68302	68667	2107	2108	1241	736	721	755	755	736	633	3453	2124	5577
68667	69032	2108	2109	1244	737	723	757	758	738	635	3463	2130	5593
69032	69397	2109	2110	1246	739	725	760	760	741	637	3472	2135	5608

B-6(S2). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 2) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3653*	1920	1930	0	8	0	0	0	30	0	428	***458***	***8***	**466**
3653	*10950*	1930	1950	0	8	0	0	0	30	0	428	***458***	***8***	**466**
10950	*14610*	1950	1960	0	8	0	0	0	30	0	428	***458***	***8***	**467**
14610	*18263*	1960	1970	0	8	0	0	0	30	0	730	***760***	***8***	**769**
18263	*21915*	1970	1980	0	8	0	1	0	33	0	826	***859***	***9***	**869**
21915	*24837*	1980	1988	0	9	0	5	0	42	0	861	***903***	***15***	**917**
24837	*25202*	1988	1989	0	11	0	10	0	53	0	881	***934***	***21***	**954**
25202	*25568*	1989	1990	0	11	0	10	0	54	0	882	***936***	***21***	**957**
25568	*25933*	1990	1991	0	11	0	10	0	55	0	884	***938***	***21***	**959**
25933	*26298*	1991	1992	0	12	0	11	0	59	0	889	***948***	***23***	**970**
26298	*26663*	1992	1993	0	12	0	11	0	62	0	893	***955***	***23***	**978**
26663	*27029*	1993	1994	0	12	0	12	0	64	0	897	***961***	***24***	**985**
27029	*27394*	1994	1995	0	12	0	12	0	66	0	901	***966***	***24***	**991**
27394	*27759*	1995	1996	0	12	0	12	0	67	0	904	***971***	***25***	**995**
27759	*28124*	1996	1997	0	13	0	13	0	68	0	906	***974***	***25***	**999**
28124	*28490*	1997	1998	0	13	0	13	0	69	0	908	***977***	***26***	**1003**
28490	*28855*	1998	1999	0	13	0	13	0	70	0	910	***980***	***26***	**1006**
28855	*29220*	1999	2000	0	13	0	13	0	70	0	912	***982***	***27***	**1009**
29220	*29585*	2000	2001	0	13	0	14	0	71	0	914	***985***	***27***	**1012**
29585	*29951*	2001	2002	0	2	0	3	0	40	0	768	***809***	***5***	**814**
29951	*30316*	2002	2003	0	6	0	8	0	52	0	821	***873***	***14***	**887**
30316	*30681*	2003	2004	0	24	0	23	0	98	0	1000	***1098***	***47***	**1144**
30681	*31046*	2004	2005	0	40	0	34	0	134	0	1124	***1258***	***74***	**1331**
31046	*31412*	2005	2006	0	11	0	13	0	79	0	913	***993***	***24***	**1017**
31412	*31777*	2006	2007	0	14	0	16	0	85	0	937	***1022***	***31***	**1053**
31777	*32142*	2007	2008	0	15	0	17	0	87	0	945	***1032***	***33***	**1065**
32142	*32507*	2008	2009	0	64	0	52	0	173	0	1262	***1435***	***116***	**1550**
32507	*32872*	2009	2010	0	257	0	186	28	434	0	2131	***2593***	***444***	**3036**
32872	*33238*	2010	2011	0	383	7	283	83	627	4	2827	***3545***	***671***	**4216**
33238	*33603*	2011	2012	0	245	1	188	41	503	0	2385	***2930***	***433***	**3363**
33603	*33968*	2012	2013	0	192	0	151	23	438	0	2179	***2640***	***342***	**2983**
33968	*34333*	2013	2014	0	164	0	132	13	396	0	2061	***2470***	***296***	**2767**
34333	*34699*	2014	2015	0	148	0	121	7	366	0	1987	***2361***	***269***	**2629**
34699	*35064*	2015	2016	0	137	0	113	4	344	0	1938	***2285***	***250***	**2535**
35064	*35429*	2016	2017	0	128	0	108	2	326	0	1903	***2231***	***236***	**2467**
35429	*35794*	2017	2018	0	122	0	104	0	312	0	1878	***2190***	***226***	**2416**
35794	*36160*	2018	2019	0	117	0	102	0	300	0	1859	***2159***	***218***	**2377**
36160	*36525*	2019	2020	0	112	0	99	0	291	0	1844	***2135***	***212***	**2346**
36525	*36890*	2020	2021	0	109	0	97	0	282	0	1833	***2115***	***206***	**2321**
36890	*37255*	2021	2022	0	107	0	99	0	278	0	1826	***2104***	***206***	**2310**
37255	*37621*	2022	2023	0	105	0	101	0	274	0	1821	***2095***	***206***	**2301**
37621	*37986*	2023	2024	0	104	0	101	0	271	0	1817	***2088***	***205***	**2292**
37986	*38351*	2024	2025	0	102	0	102	0	268	0	1814	***2081***	***204***	**2285**

B-6(S2). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 2) (floodplain to River)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	0	101	0	102	0	265	0	1811	2076	203	2278
38716	39082	2026	2027	0	100	0	102	0	262	0	1809	2071	202	2273
39082	39447	2027	2028	0	99	0	102	0	260	0	1807	2067	201	2268
39447	39812	2028	2029	0	98	0	103	0	258	0	1805	2063	200	2263
39812	40177	2029	2030	0	97	0	103	0	256	0	1804	2059	200	2259
40177	40543	2030	2031	0	96	0	103	0	254	0	1802	2056	199	2255
40543	40908	2031	2032	0	96	0	107	0	254	0	1802	2056	203	2259
40908	41273	2032	2033	0	96	0	109	0	254	0	1802	2057	205	2262
41273	41638	2033	2034	0	96	0	111	0	255	0	1803	2057	207	2265
41638	42004	2034	2035	0	96	0	112	0	255	0	1803	2058	208	2266
42004	42369	2035	2036	0	96	0	113	0	255	0	1803	2058	209	2268
42369	42734	2036	2037	0	96	0	114	0	255	0	1803	2059	210	2269
42734	43099	2037	2038	0	96	0	115	0	256	0	1803	2059	211	2270
43099	43465	2038	2039	0	96	0	116	0	256	0	1804	2059	212	2271
43465	43830	2039	2040	0	96	0	117	0	256	0	1804	2059	213	2272
43830	44195	2040	2041	0	96	0	118	0	256	0	1804	2059	213	2273
44195	44560	2041	2042	0	97	0	120	0	257	0	1804	2061	217	2278
44560	44926	2042	2043	0	97	0	122	0	258	0	1805	2063	219	2282
44926	45291	2043	2044	0	98	0	124	0	260	0	1806	2065	221	2287
45291	45656	2044	2045	0	98	0	125	0	261	0	1807	2068	223	2291
45656	46021	2045	2046	0	98	0	126	0	262	0	1807	2070	225	2294
46021	46387	2046	2047	0	99	0	127	0	264	0	1808	2071	226	2297
46387	46752	2047	2048	0	99	0	128	0	265	0	1808	2073	227	2300
46752	47117	2048	2049	0	99	0	129	0	266	0	1809	2075	229	2303
47117	47482	2049	2050	0	100	0	130	0	267	0	1810	2076	230	2306
47482	47848	2050	2051	0	100	0	131	0	268	0	1810	2078	231	2309
47848	48213	2051	2052	0	101	0	133	0	269	0	1811	2080	234	2313
48213	48578	2052	2053	0	101	0	134	0	271	0	1812	2083	236	2318
48578	48943	2053	2054	0	102	0	136	0	273	0	1813	2086	238	2323
48943	49309	2054	2055	0	103	0	137	0	275	0	1814	2089	239	2328
49309	49674	2055	2056	0	103	0	138	0	277	0	1814	2091	241	2332
49674	50039	2056	2057	0	104	0	139	0	279	0	1815	2094	242	2336
50039	50404	2057	2058	0	104	0	140	0	281	0	1816	2097	244	2340
50404	50770	2058	2059	0	105	0	141	0	282	0	1817	2099	245	2344
50770	51135	2059	2060	0	105	0	141	0	284	0	1817	2101	247	2348
51135	51500	2060	2061	0	106	0	142	0	286	0	1818	2104	248	2351
51500	51865	2061	2062	0	106	0	143	0	287	0	1819	2106	250	2356
51865	52231	2062	2063	0	107	0	144	0	289	0	1820	2109	252	2361
52231	52596	2063	2064	0	108	0	145	0	292	0	1821	2113	253	2366
52596	52961	2064	2065	0	109	0	146	0	294	0	1822	2116	255	2371
52961	53326	2065	2066	0	109	0	147	0	296	0	1823	2119	256	2376
53326	53692	2066	2067	0	110	0	148	0	299	0	1824	2122	258	2380

B-6(S2). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 2) (floodplain to River)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53692	54057	2067	2068	0	111	0	149	0	301	0	1825	2125	259	2385
54057	54422	2068	2069	0	111	0	150	0	303	0	1825	2128	261	2389
54422	54787	2069	2070	0	112	0	150	0	305	0	1826	2131	262	2393
54787	55153	2070	2071	0	112	0	151	0	307	0	1827	2134	263	2397
55153	55518	2071	2072	0	113	0	152	0	309	0	1829	2137	265	2402
55518	55883	2072	2073	0	114	0	153	0	311	0	1830	2141	267	2407
55883	56248	2073	2074	0	115	0	154	0	314	0	1831	2144	268	2412
56248	56614	2074	2075	0	115	0	154	0	316	0	1832	2148	270	2417
56614	56979	2075	2076	0	116	0	155	0	319	0	1833	2151	271	2422
56979	57344	2076	2077	0	117	0	156	0	321	0	1834	2154	273	2427
57344	57709	2077	2078	0	117	0	157	0	323	0	1835	2158	274	2432
57709	58075	2078	2079	0	118	0	157	0	326	0	1835	2161	275	2436
58075	58440	2079	2080	0	119	0	158	0	328	0	1836	2164	277	2441
58440	58805	2080	2081	0	119	0	159	0	330	0	1837	2168	278	2445
58805	59170	2081	2082	0	120	0	159	0	333	0	1839	2172	280	2451
59170	59536	2082	2083	0	121	0	160	0	335	0	1840	2176	281	2457
59536	59901	2083	2084	0	122	0	161	0	338	0	1841	2179	282	2462
59901	60266	2084	2085	0	122	0	162	1	340	0	1842	2183	284	2467
60266	60631	2085	2086	0	123	0	162	1	343	0	1843	2187	285	2472
60631	60997	2086	2087	0	124	0	163	1	345	0	1844	2191	287	2477
60997	61362	2087	2088	0	124	0	163	1	348	0	1845	2195	288	2482
61362	61727	2088	2089	0	125	0	164	1	351	0	1846	2198	289	2487
61727	62092	2089	2090	0	126	0	165	2	353	0	1847	2202	290	2492
62092	62458	2090	2091	0	126	0	165	2	355	0	1848	2205	292	2497
62458	62823	2091	2092	0	127	0	166	2	358	0	1851	2211	293	2504
62823	63188	2092	2093	0	128	0	167	2	360	0	1852	2215	295	2509
63188	63553	2093	2094	0	129	0	167	3	363	0	1853	2219	296	2515
63553	63919	2094	2095	0	130	0	168	3	366	0	1854	2223	297	2520
63919	64284	2095	2096	0	130	0	168	3	368	0	1855	2227	299	2526
64284	64649	2096	2097	0	131	0	169	3	371	0	1856	2231	300	2531
64649	65014	2097	2098	0	132	0	170	4	374	0	1857	2235	301	2536
65014	65380	2098	2099	0	132	0	170	4	376	0	1859	2239	302	2541
65380	65745	2099	2100	0	133	0	171	4	379	0	1860	2243	304	2546
65745	66110	2100	2101	0	133	0	171	5	381	0	1860	2246	305	2551
66110	66475	2101	2102	0	135	0	172	5	384	0	1863	2252	307	2559
66475	66841	2102	2103	0	135	0	173	5	387	0	1865	2257	308	2564
66841	67206	2103	2104	0	136	0	173	5	389	0	1866	2261	309	2570
67206	67571	2104	2105	0	137	0	174	6	392	0	1867	2265	311	2576
67571	67936	2105	2106	0	138	0	174	6	395	0	1868	2269	312	2581
67936	68302	2106	2107	0	138	0	175	6	397	0	1869	2273	313	2586
68302	68667	2107	2108	0	139	0	175	7	400	0	1870	2277	314	2591
68667	69032	2108	2109	0	140	0	176	7	403	0	1871	2281	316	2597
69032	69397	2109	2110	0	140	0	176	7	405	0	1872	2285	317	2602

B-6(S2). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 2) (floodplain to River)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	3653	1920	1930	3.6	2.3	2.6	2.3	4.0	2.5	0.9	12.8	5.6	18.3
3653	10950	1930	1950	3.6	2.3	2.6	2.3	4.0	2.5	0.9	12.8	5.6	18.3
10950	14610	1950	1960	3.6	2.3	2.6	2.3	4.0	2.5	0.9	12.8	5.6	18.3
14610	18263	1960	1970	3.7	2.3	2.8	2.3	4.1	2.6	0.9	13.2	5.6	18.8
18263	21915	1970	1980	3.8	2.4	2.9	2.4	4.2	2.7	0.9	13.6	5.6	19.2
21915	24837	1980	1988	3.9	2.4	3.0	2.4	4.4	2.9	1.0	14.1	5.8	19.9
24837	25202	1988	1989	4.0	2.4	3.1	2.6	4.5	3.0	1.1	14.6	6.0	20.6
25202	25568	1989	1990	4.0	2.4	3.1	2.6	4.5	3.0	1.1	14.6	6.0	20.6
25568	25933	1990	1991	4.0	2.4	3.1	2.6	4.5	3.0	1.1	14.6	6.0	20.7
25933	26298	1991	1992	4.1	2.4	3.1	2.6	4.5	3.1	1.1	14.8	6.2	21.0
26298	26663	1992	1993	4.1	2.4	3.2	2.7	4.6	3.1	1.1	14.9	6.2	21.1
26663	27029	1993	1994	4.1	2.4	3.2	2.7	4.6	3.1	1.1	14.9	6.3	21.2
27029	27394	1994	1995	4.1	2.4	3.2	2.7	4.6	3.1	1.1	15.0	6.3	21.3
27394	27759	1995	1996	4.1	2.4	3.2	2.8	4.6	3.1	1.2	15.0	6.4	21.4
27759	28124	1996	1997	4.1	2.4	3.2	2.8	4.6	3.1	1.2	15.0	6.4	21.4
28124	28490	1997	1998	4.1	2.4	3.2	2.8	4.6	3.1	1.2	15.1	6.4	21.5
28490	28855	1998	1999	4.1	2.4	3.2	2.8	4.6	3.1	1.2	15.1	6.4	21.5
28855	29220	1999	2000	4.1	2.5	3.2	2.8	4.6	3.1	1.2	15.1	6.5	21.6
29220	29585	2000	2001	4.1	2.5	3.2	2.8	4.6	3.1	1.2	15.1	6.5	21.6
29585	29951	2001	2002	3.6	2.3	2.9	2.7	4.2	2.9	1.2	13.6	6.2	19.8
29951	30316	2002	2003	3.8	2.4	3.1	2.8	4.3	3.0	1.2	14.2	6.4	20.7
30316	30681	2003	2004	4.5	2.6	3.5	3.1	4.9	3.3	1.3	16.2	6.9	23.2
30681	31046	2004	2005	5.0	2.7	3.8	3.3	5.2	3.5	1.4	17.5	7.4	24.9
31046	31412	2005	2006	4.1	2.5	3.2	3.0	4.6	3.2	1.3	15.2	6.8	22.0
31412	31777	2006	2007	4.2	2.5	3.3	3.1	4.7	3.2	1.3	15.5	6.9	22.3
31777	32142	2007	2008	4.3	2.5	3.3	3.1	4.7	3.2	1.3	15.5	6.9	22.5
32142	32507	2008	2009	5.5	2.8	4.1	3.7	5.6	3.8	1.5	19.0	8.0	27.0
32507	32872	2009	2010	9.0	3.8	6.2	6.0	8.2	5.7	2.8	29.1	12.6	41.7
32872	33238	2010	2011	11.4	4.4	7.6	8.0	10.1	7.2	4.6	36.3	17.0	53.3
33238	33603	2011	2012	9.4	3.9	6.3	6.7	8.8	6.1	3.7	30.6	14.3	44.9
33603	33968	2012	2013	8.3	3.7	5.8	6.1	8.1	5.5	3.3	27.8	13.1	41.0
33968	34333	2013	2014	7.7	3.5	5.4	5.8	7.8	5.2	3.1	26.1	12.5	38.6
34333	34699	2014	2015	7.3	3.5	5.2	5.6	7.5	5.0	3.0	25.0	12.0	37.0
34699	35064	2015	2016	7.0	3.4	5.0	5.5	7.3	4.8	2.8	24.1	11.7	35.8
35064	35429	2016	2017	6.7	3.3	4.9	5.4	7.1	4.7	2.8	23.4	11.4	34.9
35429	35794	2017	2018	6.5	3.3	4.8	5.3	7.0	4.6	2.7	22.9	11.2	34.1
35794	36160	2018	2019	6.4	3.3	4.7	5.2	6.9	4.5	2.6	22.4	11.1	33.5
36160	36525	2019	2020	6.2	3.2	4.6	5.1	6.8	4.4	2.6	22.1	10.9	33.0
36525	36890	2020	2021	6.1	3.2	4.6	5.1	6.7	4.4	2.5	21.7	10.8	32.6
36890	37255	2021	2022	6.1	3.2	4.5	5.1	6.7	4.3	2.5	21.6	10.8	32.4
37255	37621	2022	2023	6.0	3.2	4.5	5.1	6.6	4.3	2.5	21.5	10.8	32.2
37621	37986	2023	2024	6.0	3.2	4.5	5.1	6.6	4.3	2.5	21.3	10.7	32.0
37986	38351	2024	2025	5.9	3.2	4.5	5.1	6.6	4.3	2.5	21.2	10.7	31.9

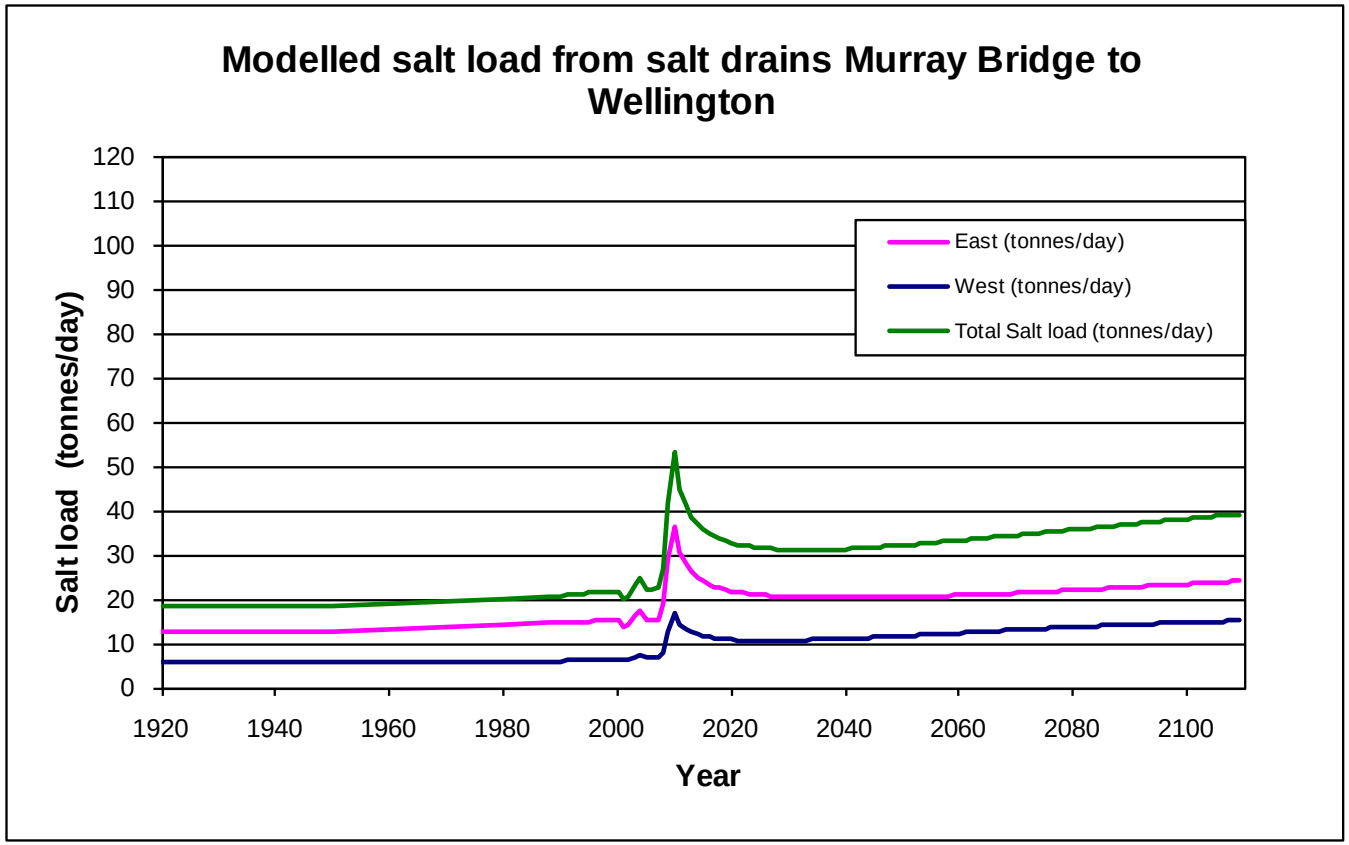
B-6(S2). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 2) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	5.9	3.2	4.4	5.1	6.5	4.2	2.5	21.0	10.7	31.7
38716	39082	2026	2027	5.8	3.2	4.4	5.1	6.5	4.2	2.4	20.9	10.7	31.6
39082	39447	2027	2028	5.8	3.2	4.4	5.1	6.5	4.2	2.4	20.8	10.7	31.5
39447	39812	2028	2029	5.7	3.1	4.4	5.1	6.4	4.2	2.4	20.7	10.7	31.4
39812	40177	2029	2030	5.7	3.1	4.3	5.1	6.4	4.2	2.4	20.6	10.7	31.3
40177	40543	2030	2031	5.6	3.1	4.3	5.1	6.4	4.1	2.4	20.5	10.7	31.2
40543	40908	2031	2032	5.7	3.1	4.3	5.1	6.4	4.2	2.4	20.5	10.7	31.2
40908	41273	2032	2033	5.6	3.2	4.3	5.2	6.4	4.2	2.4	20.5	10.7	31.3
41273	41638	2033	2034	5.6	3.2	4.3	5.2	6.4	4.2	2.4	20.5	10.8	31.3
41638	42004	2034	2035	5.6	3.2	4.3	5.2	6.4	4.2	2.4	20.5	10.8	31.3
42004	42369	2035	2036	5.6	3.2	4.3	5.2	6.4	4.2	2.5	20.5	10.9	31.3
42369	42734	2036	2037	5.6	3.2	4.3	5.3	6.4	4.2	2.5	20.4	10.9	31.3
42734	43099	2037	2038	5.6	3.2	4.3	5.3	6.4	4.2	2.5	20.4	10.9	31.3
43099	43465	2038	2039	5.5	3.2	4.3	5.3	6.4	4.1	2.5	20.4	11.0	31.3
43465	43830	2039	2040	5.5	3.2	4.3	5.3	6.4	4.1	2.5	20.3	11.0	31.3
43830	44195	2040	2041	5.5	3.2	4.3	5.4	6.4	4.1	2.5	20.3	11.0	31.4
44195	44560	2041	2042	5.5	3.2	4.3	5.4	6.4	4.2	2.5	20.4	11.1	31.5
44560	44926	2042	2043	5.5	3.2	4.3	5.4	6.4	4.2	2.5	20.4	11.2	31.6
44926	45291	2043	2044	5.5	3.2	4.3	5.5	6.4	4.2	2.6	20.4	11.2	31.7
45291	45656	2044	2045	5.5	3.2	4.3	5.5	6.4	4.2	2.6	20.4	11.3	31.7
45656	46021	2045	2046	5.5	3.2	4.3	5.6	6.4	4.2	2.6	20.4	11.4	31.8
46021	46387	2046	2047	5.5	3.2	4.3	5.6	6.4	4.2	2.6	20.5	11.4	31.9
46387	46752	2047	2048	5.5	3.2	4.3	5.6	6.4	4.2	2.6	20.5	11.5	32.0
46752	47117	2048	2049	5.5	3.2	4.3	5.7	6.4	4.2	2.7	20.5	11.5	32.0
47117	47482	2049	2050	5.5	3.2	4.3	5.7	6.5	4.2	2.7	20.5	11.6	32.1
47482	47848	2050	2051	5.5	3.2	4.3	5.7	6.5	4.2	2.7	20.5	11.7	32.1
47848	48213	2051	2052	5.5	3.2	4.3	5.8	6.5	4.2	2.7	20.5	11.7	32.3
48213	48578	2052	2053	5.5	3.3	4.3	5.8	6.5	4.2	2.7	20.6	11.8	32.4
48578	48943	2053	2054	5.5	3.3	4.3	5.9	6.5	4.2	2.8	20.6	11.9	32.5
48943	49309	2054	2055	5.6	3.3	4.3	5.9	6.5	4.3	2.8	20.7	12.0	32.6
49309	49674	2055	2056	5.6	3.3	4.4	5.9	6.5	4.3	2.8	20.7	12.0	32.7
49674	50039	2056	2057	5.6	3.3	4.4	6.0	6.5	4.3	2.8	20.7	12.1	32.8
50039	50404	2057	2058	5.6	3.3	4.4	6.0	6.6	4.3	2.9	20.8	12.2	32.9
50404	50770	2058	2059	5.6	3.3	4.4	6.1	6.6	4.3	2.9	20.8	12.2	33.0
50770	51135	2059	2060	5.6	3.3	4.4	6.1	6.6	4.3	2.9	20.8	12.3	33.1
51135	51500	2060	2061	5.6	3.3	4.4	6.1	6.6	4.3	2.9	20.9	12.4	33.2
51500	51865	2061	2062	5.6	3.3	4.4	6.2	6.6	4.3	2.9	20.9	12.4	33.4
51865	52231	2062	2063	5.6	3.3	4.4	6.2	6.6	4.4	3.0	21.0	12.5	33.5
52231	52596	2063	2064	5.6	3.3	4.4	6.2	6.6	4.4	3.0	21.0	12.6	33.6
52596	52961	2064	2065	5.6	3.4	4.4	6.3	6.7	4.4	3.0	21.1	12.7	33.8
52961	53326	2065	2066	5.6	3.4	4.4	6.3	6.7	4.4	3.0	21.2	12.7	33.9
53326	53692	2066	2067	5.6	3.4	4.5	6.4	6.7	4.4	3.1	21.2	12.8	34.0

B-6(S2). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 2) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53692	54057	2067	2068	5.6	3.4	4.5	6.4	6.7	4.4	3.1	21.2	12.9	34.1
54057	54422	2068	2069	5.7	3.4	4.5	6.4	6.7	4.4	3.1	21.3	12.9	34.2
54422	54787	2069	2070	5.7	3.4	4.5	6.5	6.7	4.5	3.1	21.3	13.0	34.3
54787	55153	2070	2071	5.7	3.4	4.5	6.5	6.7	4.5	3.2	21.4	13.1	34.4
55153	55518	2071	2072	5.7	3.4	4.5	6.5	6.8	4.5	3.2	21.4	13.1	34.6
55518	55883	2072	2073	5.7	3.4	4.5	6.6	6.8	4.5	3.2	21.5	13.2	34.7
55883	56248	2073	2074	5.7	3.4	4.5	6.6	6.8	4.5	3.2	21.6	13.3	34.8
56248	56614	2074	2075	5.7	3.4	4.6	6.7	6.8	4.5	3.2	21.7	13.3	35.0
56614	56979	2075	2076	5.7	3.4	4.6	6.7	6.8	4.6	3.3	21.7	13.4	35.1
56979	57344	2076	2077	5.8	3.4	4.6	6.7	6.9	4.6	3.3	21.8	13.5	35.2
57344	57709	2077	2078	5.8	3.5	4.6	6.8	6.9	4.6	3.3	21.8	13.5	35.4
57709	58075	2078	2079	5.8	3.5	4.6	6.8	6.9	4.6	3.3	21.9	13.6	35.5
58075	58440	2079	2080	5.8	3.5	4.6	6.8	6.9	4.6	3.3	21.9	13.6	35.6
58440	58805	2080	2081	5.8	3.5	4.6	6.8	6.9	4.6	3.4	22.0	13.7	35.7
58805	59170	2081	2082	5.8	3.5	4.6	6.9	7.0	4.7	3.4	22.1	13.7	35.8
59170	59536	2082	2083	5.8	3.5	4.7	6.9	7.0	4.7	3.4	22.2	13.8	36.0
59536	59901	2083	2084	5.8	3.5	4.7	6.9	7.0	4.7	3.4	22.2	13.9	36.1
59901	60266	2084	2085	5.9	3.5	4.7	7.0	7.0	4.7	3.4	22.3	13.9	36.2
60266	60631	2085	2086	5.9	3.5	4.7	7.0	7.0	4.7	3.5	22.4	14.0	36.4
60631	60997	2086	2087	5.9	3.5	4.7	7.0	7.1	4.8	3.5	22.4	14.0	36.5
60997	61362	2087	2088	5.9	3.5	4.7	7.1	7.1	4.8	3.5	22.5	14.1	36.6
61362	61727	2088	2089	5.9	3.5	4.8	7.1	7.1	4.8	3.5	22.6	14.1	36.7
61727	62092	2089	2090	5.9	3.5	4.8	7.1	7.1	4.8	3.5	22.6	14.2	36.8
62092	62458	2090	2091	5.9	3.6	4.8	7.1	7.2	4.8	3.5	22.7	14.2	36.9
62458	62823	2091	2092	6.0	3.6	4.8	7.2	7.2	4.8	3.6	22.8	14.3	37.1
62823	63188	2092	2093	6.0	3.6	4.8	7.2	7.2	4.9	3.6	22.9	14.3	37.2
63188	63553	2093	2094	6.0	3.6	4.8	7.2	7.2	4.9	3.6	22.9	14.4	37.3
63553	63919	2094	2095	6.0	3.6	4.9	7.2	7.2	4.9	3.6	23.0	14.4	37.5
63919	64284	2095	2096	6.0	3.6	4.9	7.3	7.3	4.9	3.6	23.1	14.5	37.6
64284	64649	2096	2097	6.0	3.6	4.9	7.3	7.3	4.9	3.6	23.2	14.5	37.7
64649	65014	2097	2098	6.0	3.6	4.9	7.3	7.3	5.0	3.7	23.2	14.6	37.8
65014	65380	2098	2099	6.1	3.6	4.9	7.3	7.3	5.0	3.7	23.3	14.6	37.9
65380	65745	2099	2100	6.1	3.6	4.9	7.4	7.4	5.0	3.7	23.4	14.7	38.0
65745	66110	2100	2101	6.1	3.6	4.9	7.4	7.4	5.0	3.7	23.4	14.7	38.1
66110	66475	2101	2102	6.1	3.6	5.0	7.4	7.4	5.0	3.7	23.5	14.8	38.3
66475	66841	2102	2103	6.1	3.6	5.0	7.4	7.4	5.1	3.7	23.6	14.8	38.4
66841	67206	2103	2104	6.1	3.7	5.0	7.5	7.5	5.1	3.7	23.7	14.9	38.5
67206	67571	2104	2105	6.2	3.7	5.0	7.5	7.5	5.1	3.8	23.7	14.9	38.6
67571	67936	2105	2106	6.2	3.7	5.0	7.5	7.5	5.1	3.8	23.8	14.9	38.8
67936	68302	2106	2107	6.2	3.7	5.0	7.5	7.5	5.1	3.8	23.9	15.0	38.9
68302	68667	2107	2108	6.2	3.7	5.0	7.6	7.6	5.1	3.8	24.0	15.0	39.0
68667	69032	2108	2109	6.2	3.7	5.1	7.6	7.6	5.2	3.8	24.0	15.1	39.1
69032	69397	2109	2110	6.2	3.7	5.1	7.6	7.6	5.2	3.8	24.1	15.1	39.2
		Salinity (mg/L)		5,000	5,000	7,000	10,000	10,000	7,000	6,000			

B-6(S2). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 2) (highland to salt drains)



B-6(S2). Graph of modelled salt load (tonnes/day) entering the River in the Murray Bridge to Wellington area (Scenario 2) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3653*	1920	1930	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.6	***2.8***	***0.0***	2.8
3653	*10950*	1930	1950	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.6	***2.8***	***0.0***	2.8
10950	*14610*	1950	1960	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.6	***2.8***	***0.0***	2.8
14610	*18263*	1960	1970	0.0	0.0	0.0	0.0	0.0	0.2	0.0	4.4	***4.6***	***0.0***	4.6
18263	*21915*	1970	1980	0.0	0.0	0.0	0.0	0.0	0.2	0.0	5.0	***5.2***	***0.1***	5.2
21915	*24837*	1980	1988	0.0	0.0	0.0	0.1	0.0	0.3	0.0	5.2	***5.5***	***0.1***	5.6
24837	*25202*	1988	1989	0.0	0.1	0.0	0.1	0.0	0.4	0.0	5.3	***5.7***	***0.2***	5.8
25202	*25568*	1989	1990	0.0	0.1	0.0	0.1	0.0	0.4	0.0	5.3	***5.7***	***0.2***	5.8
25568	*25933*	1990	1991	0.0	0.1	0.0	0.1	0.0	0.4	0.0	5.3	***5.7***	***0.2***	5.8
25933	*26298*	1991	1992	0.0	0.1	0.0	0.1	0.0	0.4	0.0	5.3	***5.7***	***0.2***	5.9
26298	*26663*	1992	1993	0.0	0.1	0.0	0.1	0.0	0.4	0.0	5.4	***5.8***	***0.2***	6.0
26663	*27029*	1993	1994	0.0	0.1	0.0	0.1	0.0	0.4	0.0	5.4	***5.8***	***0.2***	6.0
27029	*27394*	1994	1995	0.0	0.1	0.0	0.1	0.0	0.5	0.0	5.4	***5.9***	***0.2***	6.0
27394	*27759*	1995	1996	0.0	0.1	0.0	0.1	0.0	0.5	0.0	5.4	***5.9***	***0.2***	6.1
27759	*28124*	1996	1997	0.0	0.1	0.0	0.1	0.0	0.5	0.0	5.4	***5.9***	***0.2***	6.1
28124	*28490*	1997	1998	0.0	0.1	0.0	0.1	0.0	0.5	0.0	5.5	***5.9***	***0.2***	6.1
28490	*28855*	1998	1999	0.0	0.1	0.0	0.1	0.0	0.5	0.0	5.5	***5.9***	***0.2***	6.1
28855	*29220*	1999	2000	0.0	0.1	0.0	0.1	0.0	0.5	0.0	5.5	***6.0***	***0.2***	6.2
29220	*29585*	2000	2001	0.0	0.1	0.0	0.1	0.0	0.5	0.0	5.5	***6.0***	***0.2***	6.2
29585	*29951*	2001	2002	0.0	0.0	0.0	0.0	0.0	0.3	0.0	4.6	***4.9***	***0.0***	4.9
29951	*30316*	2002	2003	0.0	0.0	0.0	0.1	0.0	0.4	0.0	4.9	***5.3***	***0.1***	5.4
30316	*30681*	2003	2004	0.0	0.1	0.0	0.2	0.0	0.7	0.0	6.0	***6.7***	***0.3***	7.0
30681	*31046*	2004	2005	0.0	0.2	0.0	0.3	0.0	0.9	0.0	6.7	***7.7***	***0.5***	8.2
31046	*31412*	2005	2006	0.0	0.1	0.0	0.1	0.0	0.6	0.0	5.5	***6.0***	***0.2***	6.2
31412	*31777*	2006	2007	0.0	0.1	0.0	0.2	0.0	0.6	0.0	5.6	***6.2***	***0.2***	6.5
31777	*32142*	2007	2008	0.0	0.1	0.0	0.2	0.0	0.6	0.0	5.7	***6.3***	***0.2***	6.5
32142	*32507*	2008	2009	0.0	0.3	0.0	0.5	0.0	1.2	0.0	7.6	***8.8***	***0.8***	9.6
32507	*32872*	2009	2010	0.0	1.3	0.0	1.9	0.3	3.0	0.0	12.8	***16.1***	***3.1***	19.3
32872	*33238*	2010	2011	0.0	1.9	0.1	2.8	0.8	4.4	0.0	17.0	***22.2***	***4.8***	27.0
33238	*33603*	2011	2012	0.0	1.2	0.0	1.9	0.4	3.5	0.0	14.3	***18.2***	***3.1***	21.3
33603	*33968*	2012	2013	0.0	1.0	0.0	1.5	0.2	3.1	0.0	13.1	***16.4***	***2.5***	18.8
33968	*34333*	2013	2014	0.0	0.8	0.0	1.3	0.1	2.8	0.0	12.4	***15.3***	***2.1***	17.4
34333	*34699*	2014	2015	0.0	0.7	0.0	1.2	0.1	2.6	0.0	11.9	***14.6***	***1.9***	16.5
34699	*35064*	2015	2016	0.0	0.7	0.0	1.1	0.0	2.4	0.0	11.6	***14.1***	***1.8***	15.9
35064	*35429*	2016	2017	0.0	0.6	0.0	1.1	0.0	2.3	0.0	11.4	***13.7***	***1.7***	15.4
35429	*35794*	2017	2018	0.0	0.6	0.0	1.0	0.0	2.2	0.0	11.3	***13.5***	***1.7***	15.1
35794	*36160*	2018	2019	0.0	0.6	0.0	1.0	0.0	2.1	0.0	11.2	***13.3***	***1.6***	14.9
36160	*36525*	2019	2020	0.0	0.6	0.0	1.0	0.0	2.0	0.0	11.1	***13.1***	***1.6***	14.7
36525	*36890*	2020	2021	0.0	0.5	0.0	1.0	0.0	2.0	0.0	11.0	***13.0***	***1.5***	14.5
36890	*37255*	2021	2022	0.0	0.5	0.0	1.0	0.0	1.9	0.0	11.0	***12.9***	***1.5***	14.4
37255	*37621*	2022	2023	0.0	0.5	0.0	1.0	0.0	1.9	0.0	10.9	***12.8***	***1.5***	14.4
37621	*37986*	2023	2024	0.0	0.5	0.0	1.0	0.0	1.9	0.0	10.9	***12.8***	***1.5***	14.3
37986	*38351*	2024	2025	0.0	0.5	0.0	1.0	0.0	1.9	0.0	10.9	***12.8***	***1.5***	14.3

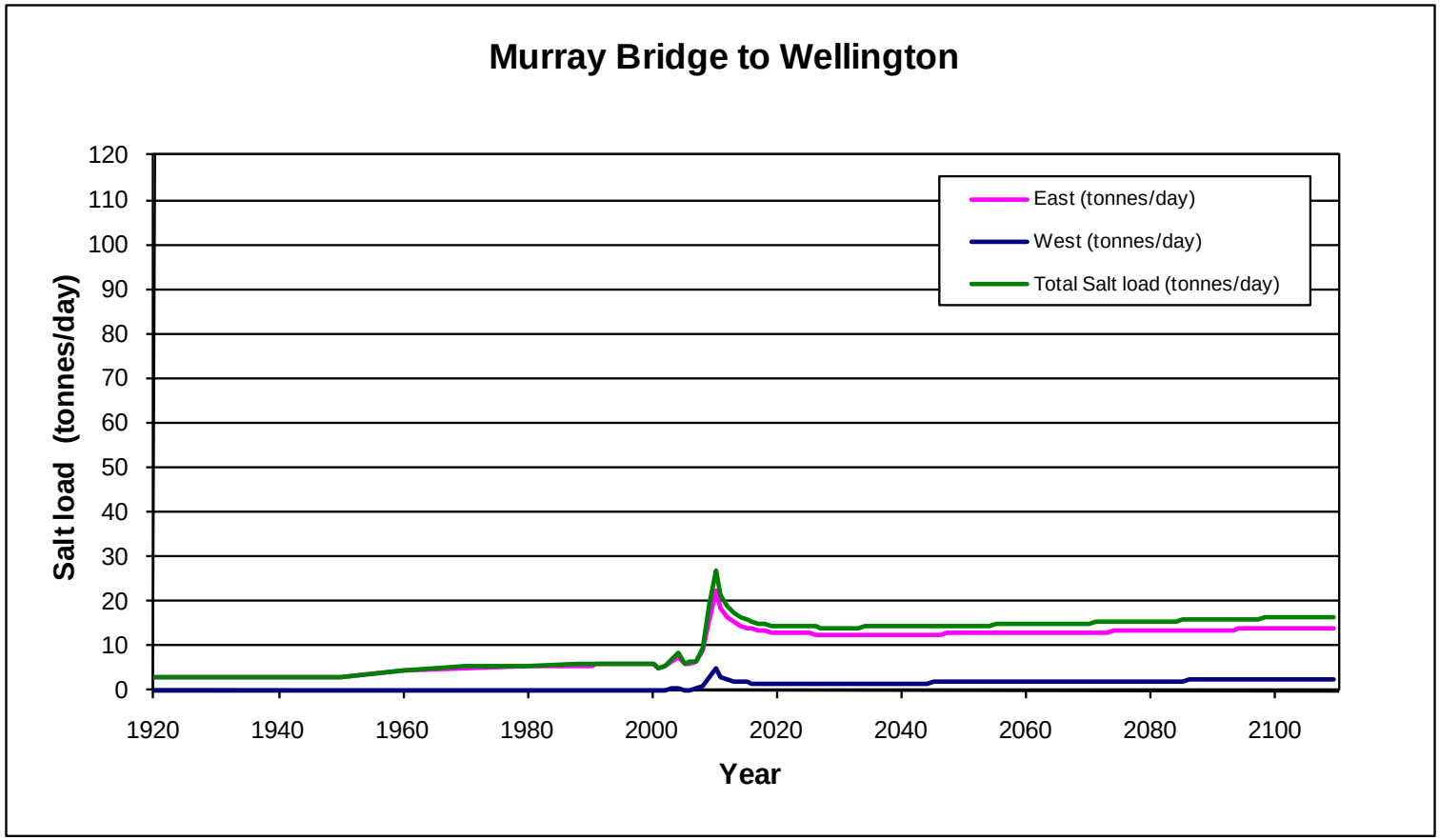
B-6(S2). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 2) (floodplain to River)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.0	0.5	0.0	1.0	0.0	1.9	0.0	10.9	12.7	1.5	14.2
38716	39082	2026	2027	0.0	0.5	0.0	1.0	0.0	1.8	0.0	10.9	12.7	1.5	14.2
39082	39447	2027	2028	0.0	0.5	0.0	1.0	0.0	1.8	0.0	10.8	12.7	1.5	14.2
39447	39812	2028	2029	0.0	0.5	0.0	1.0	0.0	1.8	0.0	10.8	12.6	1.5	14.1
39812	40177	2029	2030	0.0	0.5	0.0	1.0	0.0	1.8	0.0	10.8	12.6	1.5	14.1
40177	40543	2030	2031	0.0	0.5	0.0	1.0	0.0	1.8	0.0	10.8	12.6	1.5	14.1
40543	40908	2031	2032	0.0	0.5	0.0	1.1	0.0	1.8	0.0	10.8	12.6	1.5	14.1
40908	41273	2032	2033	0.0	0.5	0.0	1.1	0.0	1.8	0.0	10.8	12.6	1.6	14.2
41273	41638	2033	2034	0.0	0.5	0.0	1.1	0.0	1.8	0.0	10.8	12.6	1.6	14.2
41638	42004	2034	2035	0.0	0.5	0.0	1.1	0.0	1.8	0.0	10.8	12.6	1.6	14.2
42004	42369	2035	2036	0.0	0.5	0.0	1.1	0.0	1.8	0.0	10.8	12.6	1.6	14.2
42369	42734	2036	2037	0.0	0.5	0.0	1.1	0.0	1.8	0.0	10.8	12.6	1.6	14.2
42734	43099	2037	2038	0.0	0.5	0.0	1.2	0.0	1.8	0.0	10.8	12.6	1.6	14.2
43099	43465	2038	2039	0.0	0.5	0.0	1.2	0.0	1.8	0.0	10.8	12.6	1.6	14.2
43465	43830	2039	2040	0.0	0.5	0.0	1.2	0.0	1.8	0.0	10.8	12.6	1.6	14.3
43830	44195	2040	2041	0.0	0.5	0.0	1.2	0.0	1.8	0.0	10.8	12.6	1.7	14.3
44195	44560	2041	2042	0.0	0.5	0.0	1.2	0.0	1.8	0.0	10.8	12.6	1.7	14.3
44560	44926	2042	2043	0.0	0.5	0.0	1.2	0.0	1.8	0.0	10.8	12.6	1.7	14.3
44926	45291	2043	2044	0.0	0.5	0.0	1.2	0.0	1.8	0.0	10.8	12.7	1.7	14.4
45291	45656	2044	2045	0.0	0.5	0.0	1.3	0.0	1.8	0.0	10.8	12.7	1.7	14.4
45656	46021	2045	2046	0.0	0.5	0.0	1.3	0.0	1.8	0.0	10.8	12.7	1.8	14.4
46021	46387	2046	2047	0.0	0.5	0.0	1.3	0.0	1.8	0.0	10.8	12.7	1.8	14.5
46387	46752	2047	2048	0.0	0.5	0.0	1.3	0.0	1.9	0.0	10.9	12.7	1.8	14.5
46752	47117	2048	2049	0.0	0.5	0.0	1.3	0.0	1.9	0.0	10.9	12.7	1.8	14.5
47117	47482	2049	2050	0.0	0.5	0.0	1.3	0.0	1.9	0.0	10.9	12.7	1.8	14.5
47482	47848	2050	2051	0.0	0.5	0.0	1.3	0.0	1.9	0.0	10.9	12.7	1.8	14.5
47848	48213	2051	2052	0.0	0.5	0.0	1.3	0.0	1.9	0.0	10.9	12.7	1.8	14.6
48213	48578	2052	2053	0.0	0.5	0.0	1.3	0.0	1.9	0.0	10.9	12.8	1.9	14.6
48578	48943	2053	2054	0.0	0.5	0.0	1.4	0.0	1.9	0.0	10.9	12.8	1.9	14.7
48943	49309	2054	2055	0.0	0.5	0.0	1.4	0.0	1.9	0.0	10.9	12.8	1.9	14.7
49309	49674	2055	2056	0.0	0.5	0.0	1.4	0.0	1.9	0.0	10.9	12.8	1.9	14.7
49674	50039	2056	2057	0.0	0.5	0.0	1.4	0.0	2.0	0.0	10.9	12.8	1.9	14.7
50039	50404	2057	2058	0.0	0.5	0.0	1.4	0.0	2.0	0.0	10.9	12.9	1.9	14.8
50404	50770	2058	2059	0.0	0.5	0.0	1.4	0.0	2.0	0.0	10.9	12.9	1.9	14.8
50770	51135	2059	2060	0.0	0.5	0.0	1.4	0.0	2.0	0.0	10.9	12.9	1.9	14.8
51135	51500	2060	2061	0.0	0.5	0.0	1.4	0.0	2.0	0.0	10.9	12.9	2.0	14.9
51500	51865	2061	2062	0.0	0.5	0.0	1.4	0.0	2.0	0.0	10.9	12.9	2.0	14.9
51865	52231	2062	2063	0.0	0.5	0.0	1.4	0.0	2.0	0.0	10.9	12.9	2.0	14.9
52231	52596	2063	2064	0.0	0.5	0.0	1.5	0.0	2.0	0.0	10.9	13.0	2.0	15.0
52596	52961	2064	2065	0.0	0.5	0.0	1.5	0.0	2.1	0.0	10.9	13.0	2.0	15.0
52961	53326	2065	2066	0.0	0.5	0.0	1.5	0.0	2.1	0.0	10.9	13.0	2.0	15.0
53326	53692	2066	2067	0.0	0.5	0.0	1.5	0.0	2.1	0.0	10.9	13.0	2.0	15.1

B-6(S2). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 2) (floodplain to River)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53692	54057	2067	2068	0.0	0.6	0.0	1.5	0.0	2.1	0.0	10.9	13.1	2.0	15.1
54057	54422	2068	2069	0.0	0.6	0.0	1.5	0.0	2.1	0.0	11.0	13.1	2.1	15.1
54422	54787	2069	2070	0.0	0.6	0.0	1.5	0.0	2.1	0.0	11.0	13.1	2.1	15.2
54787	55153	2070	2071	0.0	0.6	0.0	1.5	0.0	2.1	0.0	11.0	13.1	2.1	15.2
55153	55518	2071	2072	0.0	0.6	0.0	1.5	0.0	2.2	0.0	11.0	13.1	2.1	15.2
55518	55883	2072	2073	0.0	0.6	0.0	1.5	0.0	2.2	0.0	11.0	13.2	2.1	15.3
55883	56248	2073	2074	0.0	0.6	0.0	1.5	0.0	2.2	0.0	11.0	13.2	2.1	15.3
56248	56614	2074	2075	0.0	0.6	0.0	1.5	0.0	2.2	0.0	11.0	13.2	2.1	15.3
56614	56979	2075	2076	0.0	0.6	0.0	1.6	0.0	2.2	0.0	11.0	13.2	2.1	15.4
56979	57344	2076	2077	0.0	0.6	0.0	1.6	0.0	2.2	0.0	11.0	13.2	2.1	15.4
57344	57709	2077	2078	0.0	0.6	0.0	1.6	0.0	2.3	0.0	11.0	13.3	2.2	15.4
57709	58075	2078	2079	0.0	0.6	0.0	1.6	0.0	2.3	0.0	11.0	13.3	2.2	15.5
58075	58440	2079	2080	0.0	0.6	0.0	1.6	0.0	2.3	0.0	11.0	13.3	2.2	15.5
58440	58805	2080	2081	0.0	0.6	0.0	1.6	0.0	2.3	0.0	11.0	13.3	2.2	15.5
58805	59170	2081	2082	0.0	0.6	0.0	1.6	0.0	2.3	0.0	11.0	13.4	2.2	15.6
59170	59536	2082	2083	0.0	0.6	0.0	1.6	0.0	2.3	0.0	11.0	13.4	2.2	15.6
59536	59901	2083	2084	0.0	0.6	0.0	1.6	0.0	2.4	0.0	11.0	13.4	2.2	15.6
59901	60266	2084	2085	0.0	0.6	0.0	1.6	0.0	2.4	0.0	11.1	13.4	2.2	15.7
60266	60631	2085	2086	0.0	0.6	0.0	1.6	0.0	2.4	0.0	11.1	13.5	2.2	15.7
60631	60997	2086	2087	0.0	0.6	0.0	1.6	0.0	2.4	0.0	11.1	13.5	2.2	15.7
60997	61362	2087	2088	0.0	0.6	0.0	1.6	0.0	2.4	0.0	11.1	13.5	2.3	15.8
61362	61727	2088	2089	0.0	0.6	0.0	1.6	0.0	2.5	0.0	11.1	13.5	2.3	15.8
61727	62092	2089	2090	0.0	0.6	0.0	1.6	0.0	2.5	0.0	11.1	13.6	2.3	15.8
62092	62458	2090	2091	0.0	0.6	0.0	1.7	0.0	2.5	0.0	11.1	13.6	2.3	15.9
62458	62823	2091	2092	0.0	0.6	0.0	1.7	0.0	2.5	0.0	11.1	13.6	2.3	15.9
62823	63188	2092	2093	0.0	0.6	0.0	1.7	0.0	2.5	0.0	11.1	13.7	2.3	16.0
63188	63553	2093	2094	0.0	0.6	0.0	1.7	0.0	2.5	0.0	11.1	13.7	2.3	16.0
63553	63919	2094	2095	0.0	0.6	0.0	1.7	0.0	2.6	0.0	11.1	13.7	2.3	16.0
63919	64284	2095	2096	0.0	0.7	0.0	1.7	0.0	2.6	0.0	11.1	13.7	2.3	16.1
64284	64649	2096	2097	0.0	0.7	0.0	1.7	0.0	2.6	0.0	11.1	13.8	2.3	16.1
64649	65014	2097	2098	0.0	0.7	0.0	1.7	0.0	2.6	0.0	11.1	13.8	2.4	16.2
65014	65380	2098	2099	0.0	0.7	0.0	1.7	0.0	2.6	0.0	11.2	13.8	2.4	16.2
65380	65745	2099	2100	0.0	0.7	0.0	1.7	0.0	2.7	0.0	11.2	13.9	2.4	16.2
65745	66110	2100	2101	0.0	0.7	0.0	1.7	0.0	2.7	0.0	11.2	13.9	2.4	16.3
66110	66475	2101	2102	0.0	0.7	0.0	1.7	0.0	2.7	0.0	11.2	13.9	2.4	16.3
66475	66841	2102	2103	0.0	0.7	0.0	1.7	0.1	2.7	0.0	11.2	13.9	2.4	16.3
66841	67206	2103	2104	0.0	0.7	0.0	1.7	0.1	2.7	0.0	11.2	14.0	2.4	16.4
67206	67571	2104	2105	0.0	0.7	0.0	1.7	0.1	2.7	0.0	11.2	14.0	2.4	16.4
67571	67936	2105	2106	0.0	0.7	0.0	1.7	0.1	2.8	0.0	11.2	14.0	2.4	16.5
67936	68302	2106	2107	0.0	0.7	0.0	1.7	0.1	2.8	0.0	11.2	14.1	2.4	16.5
68302	68667	2107	2108	0.0	0.7	0.0	1.8	0.1	2.8	0.0	11.2	14.1	2.4	16.5
68667	69032	2108	2109	0.0	0.7	0.0	1.8	0.1	2.8	0.0	11.2	14.1	2.5	16.6
69032	69397	2109	2110	0.0	0.7	0.0	1.8	0.1	2.8	0.0	11.2	14.1	2.5	16.6
		Salinity (mg/L)		5,000	5,000	7,000	10,000	10,000	7,000	6,000	6,000			

B-6(S2). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 2) (floodplain to River)



B-6(S2). Graph of modelled salt load (tonnes/day) entering the River Murray in the Murray Bridge to Wellington area (Scenario 2) (floodplain to River)

Start	Stop	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3653*	1920	1930	400	360	798	753	156	140	62	*1495*	*1175*	2670
3653	*10950*	1930	1950	427	376	830	872	159	139	60	*1554*	*1308*	2862
10950	*14610*	1950	1960	431	378	833	893	160	139	59	*1563*	*1331*	2894
14610	*18263*	1960	1970	252	258	665	824	70	107	35	*1094*	*1116*	2211
18263	*21915*	1970	1980	285	270	687	851	79	114	56	*1165*	*1178*	2343
21915	*24837*	1980	1988	601	504	494	616	130	128	159	*1353*	*1279*	2633
24837	*25202*	1988	1989	605	511	491	609	130	127	162	*1353*	*1283*	2636
25202	*25568*	1989	1990	609	517	488	604	130	127	165	*1354*	*1286*	2640
25568	*25933*	1990	1991	612	522	486	600	129	127	168	*1355*	*1289*	2644
25933	*26298*	1991	1992	616	518	485	595	129	126	170	*1356*	*1283*	2640
26298	*26663*	1992	1993	618	519	484	592	129	126	173	*1358*	*1283*	2641
26663	*27029*	1993	1994	621	521	484	589	129	126	175	*1359*	*1285*	2644
27029	*27394*	1994	1995	623	523	483	587	129	126	177	*1361*	*1287*	2648
27394	*27759*	1995	1996	625	525	483	585	129	126	179	*1363*	*1289*	2652
27759	*28124*	1996	1997	627	527	483	583	129	126	181	*1364*	*1292*	2656
28124	*28490*	1997	1998	629	529	482	582	128	126	183	*1366*	*1294*	2660
28490	*28855*	1998	1999	631	531	482	580	128	126	185	*1367*	*1297*	2664
28855	*29220*	1999	2000	632	533	482	579	128	126	187	*1369*	*1299*	2668
29220	*29585*	2000	2001	561	527	464	566	112	89	177	*1226*	*1270*	2496
29585	*29951*	2001	2002	586	534	471	569	118	101	182	*1277*	*1285*	2562
29951	*30316*	2002	2003	678	547	494	583	139	145	198	*1455*	*1327*	2782
30316	*30681*	2003	2004	744	554	507	590	156	176	212	*1583*	*1355*	2939
30681	*31046*	2004	2005	627	541	479	572	125	119	196	*1350*	*1309*	2659
31046	*31412*	2005	2006	636	544	481	573	127	124	198	*1369*	*1315*	2683
31412	*31777*	2006	2007	640	546	482	573	128	125	200	*1376*	*1319*	2695
31777	*32142*	2007	2008	813	567	521	598	174	214	231	*1721*	*1397*	3118
32142	*32507*	2008	2009	1312	642	638	693	330	497	344	*2776*	*1679*	4455
32507	*32872*	2009	2010	1707	709	749	785	464	708	457	*3628*	*1952*	5579
32872	*33238*	2010	2011	1431	662	675	732	381	552	416	*3039*	*1809*	4848
33238	*33603*	2011	2012	2018	771	859	876	575	856	573	*4309*	*2221*	6529
33603	*33968*	2012	2013	1718	725	786	822	490	689	533	*3683*	*2080*	5763
33968	*34333*	2013	2014	240	423	248	441	13	0	159	*501*	*1023*	1524
34333	*34699*	2014	2015	393	486	332	504	46	25	167	*796*	*1158*	1954
34699	*35064*	2015	2016	487	514	383	536	74	74	185	*1017*	*1235*	2252
35064	*35429*	2016	2017	551	527	409	551	91	104	198	*1155*	*1276*	2431
35429	*35794*	2017	2018	594	535	425	559	101	121	206	*1241*	*1300*	2541
35794	*36160*	2018	2019	621	539	434	564	109	132	212	*1296*	*1315*	2611
36160	*36525*	2019	2020	639	542	440	567	113	139	216	*1332*	*1326*	2658
36525	*36890*	2020	2021	652	545	445	569	117	144	220	*1357*	*1333*	2690
36890	*37255*	2021	2022	660	547	448	570	119	147	222	*1374*	*1339*	2712
37255	*37621*	2022	2023	667	548	450	571	120	149	224	*1386*	*1343*	2729
37621	*37986*	2023	2024	671	549	452	572	121	150	226	*1394*	*1347*	2741
37986	*38351*	2024	2025	674	550	453	573	122	151	227	*1401*	*1350*	2750

B-6(S3a). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3a) (highland to salt drains)

Start	Stop	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	677	551	454	573	122	152	228	1405	1352	2757
38716	39082	2026	2027	678	552	454	573	123	153	229	1408	1355	2763
39082	39447	2027	2028	680	552	455	574	123	153	230	1410	1356	2766
39447	39812	2028	2029	681	553	455	574	123	153	231	1412	1358	2770
39812	40177	2029	2030	681	553	455	574	123	153	232	1413	1359	2772
40177	40543	2030	2031	682	554	455	574	123	153	232	1414	1361	2774
40543	40908	2031	2032	682	554	455	574	123	153	233	1414	1362	2776
40908	41273	2032	2033	683	555	456	575	123	153	233	1414	1363	2777
41273	41638	2033	2034	683	555	456	575	123	153	234	1414	1364	2778
41638	42004	2034	2035	683	556	456	575	123	153	234	1414	1365	2779
42004	42369	2035	2036	683	556	456	575	123	153	235	1414	1366	2780
42369	42734	2036	2037	683	556	456	575	123	153	235	1414	1366	2780
42734	43099	2037	2038	683	557	456	575	123	152	236	1414	1367	2781
43099	43465	2038	2039	683	557	456	575	123	152	236	1413	1368	2781
43465	43830	2039	2040	683	557	456	575	122	152	236	1413	1369	2782
43830	44195	2040	2041	683	557	455	575	122	152	236	1413	1369	2782
44195	44560	2041	2042	683	558	455	575	122	152	237	1412	1370	2782
44560	44926	2042	2043	683	558	455	575	122	152	237	1412	1370	2782
44926	45291	2043	2044	683	558	455	576	122	152	237	1412	1371	2782
45291	45656	2044	2045	682	558	455	576	122	151	238	1411	1371	2783
45656	46021	2045	2046	682	559	455	576	122	151	238	1411	1372	2783
46021	46387	2046	2047	682	559	455	576	122	151	238	1410	1372	2783
46387	46752	2047	2048	682	559	455	576	122	151	238	1410	1373	2783
46752	47117	2048	2049	682	559	455	576	122	151	238	1410	1373	2783
47117	47482	2049	2050	682	559	455	576	121	151	239	1409	1374	2783
47482	47848	2050	2051	682	559	455	576	121	151	239	1409	1374	2783
47848	48213	2051	2052	682	560	455	576	121	150	239	1408	1375	2783
48213	48578	2052	2053	682	560	455	576	121	150	239	1408	1375	2783
48578	48943	2053	2054	682	560	455	576	121	150	239	1407	1376	2783
48943	49309	2054	2055	681	560	455	576	121	150	240	1407	1376	2783
49309	49674	2055	2056	681	560	455	576	121	150	240	1407	1376	2783
49674	50039	2056	2057	681	560	454	576	121	150	240	1406	1377	2783
50039	50404	2057	2058	681	561	454	576	121	150	240	1406	1377	2783
50404	50770	2058	2059	681	561	454	577	121	150	240	1405	1378	2783
50770	51135	2059	2060	681	561	454	577	120	150	240	1405	1378	2783
51135	51500	2060	2061	681	561	454	577	120	149	241	1405	1378	2783
51500	51865	2061	2062	681	561	454	577	120	149	241	1404	1379	2783
51865	52231	2062	2063	680	561	454	577	120	149	241	1404	1379	2783
52231	52596	2063	2064	680	561	454	577	120	149	241	1403	1379	2783
52596	52961	2064	2065	680	562	454	577	120	149	241	1403	1380	2783
52961	53326	2065	2066	680	562	454	577	120	149	241	1403	1380	2783
53326	53692	2066	2067	680	562	454	577	120	149	242	1402	1380	2783

B-6(S3a). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3a) (highland to salt drains)

Start	Stop	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53692	54057	2067	2068	680	562	454	577	120	149	242	1402	1381	2783
54057	54422	2068	2069	680	562	454	577	120	149	242	1402	1381	2783
54422	54787	2069	2070	680	562	454	577	120	148	242	1401	1381	2783
54787	55153	2070	2071	680	562	454	577	120	148	242	1401	1382	2783
55153	55518	2071	2072	680	562	454	577	119	148	242	1401	1382	2783
55518	55883	2072	2073	679	562	454	577	119	148	242	1401	1382	2783
55883	56248	2073	2074	679	562	454	577	119	148	242	1401	1382	2783
56248	56614	2074	2075	679	562	454	577	119	148	242	1401	1382	2783
56614	56979	2075	2076	679	562	454	577	119	148	242	1400	1382	2783
56979	57344	2076	2077	679	563	454	577	119	148	242	1400	1382	2783
57344	57709	2077	2078	679	563	454	577	119	148	242	1400	1382	2783
57709	58075	2078	2079	679	563	454	577	119	148	242	1400	1383	2783
58075	58440	2079	2080	679	563	454	578	119	148	242	1400	1383	2783
58440	58805	2080	2081	679	563	453	578	119	148	243	1400	1383	2783
58805	59170	2081	2082	679	563	453	578	119	148	243	1400	1383	2783
59170	59536	2082	2083	679	563	453	578	119	148	243	1400	1383	2783
59536	59901	2083	2084	679	563	453	578	119	148	243	1400	1383	2783
59901	60266	2084	2085	679	563	453	578	119	148	243	1400	1383	2783
60266	60631	2085	2086	679	563	453	578	119	148	243	1400	1383	2783
60631	60997	2086	2087	679	563	453	578	119	148	243	1400	1383	2783
60997	61362	2087	2088	679	563	453	578	119	148	243	1399	1383	2783
61362	61727	2088	2089	679	563	453	578	119	148	243	1399	1383	2783
61727	62092	2089	2090	679	563	453	578	119	148	243	1399	1383	2783
62092	62458	2090	2091	679	563	453	578	119	148	243	1399	1383	2783
62458	62823	2091	2092	679	563	453	578	119	148	243	1399	1383	2783
62823	63188	2092	2093	679	563	453	578	119	148	243	1399	1384	2783
63188	63553	2093	2094	679	563	453	578	119	148	243	1399	1384	2783
63553	63919	2094	2095	679	563	453	578	119	148	243	1399	1384	2783
63919	64284	2095	2096	679	563	453	578	119	148	243	1399	1384	2783
64284	64649	2096	2097	679	563	453	578	119	148	243	1399	1384	2783
64649	65014	2097	2098	679	563	453	578	119	148	243	1399	1384	2783
65014	65380	2098	2099	679	563	453	578	119	148	243	1399	1384	2783
65380	65745	2099	2100	679	563	453	578	119	148	243	1399	1384	2783
65745	66110	2100	2101	679	563	453	578	119	148	243	1398	1384	2783
66110	66475	2101	2102	679	563	453	578	119	148	243	1398	1384	2783
66475	66841	2102	2103	679	563	453	578	119	148	243	1398	1384	2783
66841	67206	2103	2104	679	563	453	578	119	147	243	1398	1384	2783
67206	67571	2104	2105	679	563	453	578	119	147	243	1398	1384	2783
67571	67936	2105	2106	679	563	453	578	119	147	243	1398	1384	2783
67936	68302	2106	2107	679	563	453	578	119	147	243	1398	1385	2783
68302	68667	2107	2108	679	563	453	578	119	147	243	1398	1385	2783
68667	69032	2108	2109	679	563	453	578	119	147	243	1398	1385	2782
69032		2109	2110	679	563	453	578	119	147	243	1398	1385	2782

B-6(S3a). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3a) (highland to salt drains)

Start	Stop	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3653*	*1920*	*1930*	7	75	12	26	3	101	0	435	***558***	***101***	**659**
3653	*10950*	*1930*	*1950*	8	78	16	50	7	100	0	435	***565***	***128***	**694**
10950	*14610*	*1950*	*1960*	8	79	17	57	7	100	0	435	***567***	***137***	**703**
14610	*18263*	*1960*	*1970*	901	420	695	826	350	478	155	436	***2860***	***1401***	**4261**
18263	*21915*	*1970*	*1980*	937	431	703	835	367	487	156	436	***2932***	***1422***	**4354**
21915	*24837*	*1980*	*1988*	369	419	157	434	148	217	9	742	***1633***	***863***	**2495**
24837	*25202*	*1988*	*1989*	372	429	156	441	148	217	10	743	***1636***	***880***	**2516**
25202	*25568*	*1989*	*1990*	375	436	156	446	147	216	10	744	***1638***	***892***	**2530**
25568	*25933*	*1990*	*1991*	377	441	155	451	147	216	10	744	***1639***	***902***	**2541**
25933	*26298*	*1991*	*1992*	379	441	155	455	146	216	10	744	***1641***	***906***	**2547**
26298	*26663*	*1992*	*1993*	381	443	155	458	146	216	10	744	***1642***	***911***	**2553**
26663	*27029*	*1993*	*1994*	382	446	154	461	146	216	10	745	***1643***	***918***	**2561**
27029	*27394*	*1994*	*1995*	384	449	154	463	146	216	11	745	***1644***	***923***	**2567**
27394	*27759*	*1995*	*1996*	385	453	154	466	146	215	11	745	***1645***	***929***	**2574**
27759	*28124*	*1996*	*1997*	386	455	154	468	146	215	11	745	***1646***	***934***	**2581**
28124	*28490*	*1997*	*1998*	387	458	154	470	146	215	11	745	***1647***	***939***	**2586**
28490	*28855*	*1998*	*1999*	388	461	154	472	145	215	11	745	***1648***	***944***	**2592**
28855	*29220*	*1999*	*2000*	389	463	154	474	145	215	11	745	***1649***	***947***	**2596**
29220	*29585*	*2000*	*2001*	248	388	120	405	91	123	4	579	***1161***	***797***	**1957**
29585	*29951*	*2001*	*2002*	275	411	125	422	100	145	6	626	***1271***	***839***	**2111**
29951	*30316*	*2002*	*2003*	435	499	162	502	163	252	14	816	***1828***	***1015***	**2843**
30316	*30681*	*2003*	*2004*	584	558	211	564	215	334	22	946	***2290***	***1144***	**3434**
30681	*31046*	*2004*	*2005*	371	458	150	469	137	202	10	713	***1573***	***937***	**2510**
31046	*31412*	*2005*	*2006*	387	472	153	480	143	212	11	734	***1629***	***962***	**2591**
31412	*31777*	*2006*	*2007*	392	476	154	483	145	214	11	740	***1645***	***971***	**2616**
31777	*32142*	*2007*	*2008*	765	634	279	645	275	416	32	1079	***2815***	***1311***	**4126**
32142	*32507*	*2008*	*2009*	1843	1193	824	1337	704	1074	350	2035	***6480***	***2879***	**9360**
32507	*32872*	*2009*	*2010*	2589	1618	1234	1951	1019	1593	1068	2875	***9309***	***4637***	**13946**
32872	*33238*	*2010*	*2011*	2197	1390	1120	1720	871	1303	965	2362	***7853***	***4075***	**11929**
33238	*33603*	*2011*	*2012*	3057	1943	1520	2375	1261	1944	1652	3635	***11417***	***5969***	**17386**
33603	*33968*	*2012*	*2013*	2608	1682	1344	2074	1088	1625	1469	3078	***9742***	***5224***	**14967**
33968	*34333*	*2013*	*2014*	288	270	257	337	42	11	53	153	***751***	***661***	**1412**
34333	*34699*	*2014*	*2015*	620	567	449	697	212	134	116	583	***1997***	***1380***	**3377**
34699	*35064*	*2015*	*2016*	786	662	491	782	277	243	130	802	***2600***	***1574***	**4175**
35064	*35429*	*2016*	*2017*	873	701	509	818	309	300	135	915	***2907***	***1654***	**4561**
35429	*35794*	*2017*	*2018*	921	720	519	836	326	333	138	978	***3077***	***1693***	**4770**
35794	*36160*	*2018*	*2019*	949	731	524	846	336	354	139	1016	***3179***	***1716***	**4894**
36160	*36525*	*2019*	*2020*	967	738	528	852	342	367	140	1040	***3243***	***1729***	**4972**
36525	*36890*	*2020*	*2021*	978	742	530	856	346	375	140	1055	***3285***	***1739***	**5023**
36890	*37255*	*2021*	*2022*	986	746	532	859	349	381	141	1065	***3313***	***1745***	**5058**
37255	*37621*	*2022*	*2023*	992	748	533	861	351	385	141	1073	***3334***	***1750***	**5083**
37621	*37986*	*2023*	*2024*	996	750	534	862	352	388	141	1078	***3347***	***1754***	**5101**
37986	*38351*	*2024*	*2025*	999	752	534	864	353	390	141	1081	***3357***	***1757***	**5114**

B-6(S3a). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3a) (floodplain to river)

Start	Stop	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	***38716***	**2025**	**2026**	1001	753	535	865	354	391	141	1084	***3364***	***1759***	**5123**
38716	***39082***	**2026**	**2027**	1003	754	535	866	354	392	141	1086	***3370***	***1761***	**5131**
39082	***39447***	**2027**	**2028**	1004	755	535	866	355	392	142	1087	***3373***	***1763***	**5136**
39447	***39812***	**2028**	**2029**	1005	756	535	867	355	393	142	1088	***3376***	***1764***	**5140**
39812	***40177***	**2029**	**2030**	1005	756	535	867	355	393	142	1089	***3377***	***1765***	**5143**
40177	***40543***	**2030**	**2031**	1006	757	536	868	355	393	142	1090	***3379***	***1766***	**5145**
40543	***40908***	**2031**	**2032**	1006	757	536	868	355	393	142	1090	***3379***	***1767***	**5147**
40908	***41273***	**2032**	**2033**	1006	758	536	869	355	393	142	1091	***3380***	***1768***	**5148**
41273	***41638***	**2033**	**2034**	1006	758	536	869	355	392	142	1091	***3380***	***1769***	**5149**
41638	***42004***	**2034**	**2035**	1007	759	536	869	355	392	142	1091	***3380***	***1770***	**5150**
42004	***42369***	**2035**	**2036**	1007	759	536	870	355	392	142	1091	***3380***	***1771***	**5151**
42369	***42734***	**2036**	**2037**	1007	760	536	870	355	392	142	1091	***3380***	***1771***	**5151**
42734	***43099***	**2037**	**2038**	1007	760	536	870	355	392	142	1091	***3380***	***1772***	**5152**
43099	***43465***	**2038**	**2039**	1007	760	536	871	355	391	142	1091	***3379***	***1773***	**5152**
43465	***43830***	**2039**	**2040**	1007	761	536	871	354	391	142	1091	***3379***	***1773***	**5152**
43830	***44195***	**2040**	**2041**	1007	761	536	871	354	391	142	1091	***3378***	***1774***	**5152**
44195	***44560***	**2041**	**2042**	1007	761	536	871	354	391	142	1091	***3378***	***1774***	**5152**
44560	***44926***	**2042**	**2043**	1006	761	535	872	354	390	142	1091	***3377***	***1775***	**5152**
44926	***45291***	**2043**	**2044**	1006	762	535	872	354	390	142	1091	***3377***	***1775***	**5152**
45291	***45656***	**2044**	**2045**	1006	762	535	872	354	390	142	1091	***3376***	***1775***	**5152**
45656	***46021***	**2045**	**2046**	1006	762	535	872	354	389	142	1091	***3376***	***1776***	**5152**
46021	***46387***	**2046**	**2047**	1006	762	535	872	354	389	142	1091	***3375***	***1776***	**5152**
46387	***46752***	**2047**	**2048**	1006	763	535	872	354	389	142	1091	***3375***	***1777***	**5152**
46752	***47117***	**2048**	**2049**	1006	763	535	873	353	389	142	1091	***3375***	***1777***	**5151**
47117	***47482***	**2049**	**2050**	1006	763	535	873	353	388	142	1091	***3374***	***1777***	**5151**
47482	***47848***	**2050**	**2051**	1006	763	535	873	353	388	142	1091	***3374***	***1778***	**5151**
47848	***48213***	**2051**	**2052**	1006	763	535	873	353	388	142	1091	***3373***	***1778***	**5151**
48213	***48578***	**2052**	**2053**	1006	764	535	873	353	388	142	1091	***3373***	***1778***	**5151**
48578	***48943***	**2053**	**2054**	1006	764	535	873	353	387	142	1091	***3372***	***1779***	**5151**
48943	***49309***	**2054**	**2055**	1006	764	535	873	353	387	142	1091	***3371***	***1779***	**5150**
49309	***49674***	**2055**	**2056**	1005	764	535	874	353	387	142	1091	***3371***	***1779***	**5150**
49674	***50039***	**2056**	**2057**	1005	764	535	874	353	387	142	1091	***3370***	***1780***	**5150**
50039	***50404***	**2057**	**2058**	1005	764	535	874	353	387	142	1091	***3370***	***1780***	**5150**
50404	***50770***	**2058**	**2059**	1005	765	535	874	352	386	142	1091	***3369***	***1780***	**5149**
50770	***51135***	**2059**	**2060**	1005	765	535	874	352	386	142	1091	***3369***	***1780***	**5149**
51135	***51500***	**2060**	**2061**	1005	765	535	874	352	386	142	1090	***3369***	***1781***	**5149**
51500	***51865***	**2061**	**2062**	1005	765	535	874	352	386	142	1090	***3368***	***1781***	**5149**
51865	***52231***	**2062**	**2063**	1005	765	535	875	352	386	142	1090	***3368***	***1781***	**5149**
52231	***52596***	**2063**	**2064**	1005	765	535	875	352	385	142	1090	***3367***	***1782***	**5148**
52596	***52961***	**2064**	**2065**	1005	765	535	875	352	385	142	1090	***3367***	***1782***	**5148**
52961	***53326***	**2065**	**2066**	1005	766	535	875	352	385	142	1090	***3366***	***1782***	**5148**
53326	***53692***	**2066**	**2067**	1004	766	535	875	352	385	141	1090	***3366***	***1782***	**5148**

B-6(S3a). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3a) (floodplain to river)

Start	Stop	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53692	54057	2067	2068	1004	766	535	875	352	384	141	1090	3365	1782	5148
54057	54422	2068	2069	1004	766	535	875	352	384	141	1090	3365	1783	5148
54422	54787	2069	2070	1004	766	535	875	352	384	141	1090	3364	1783	5147
54787	55153	2070	2071	1004	766	535	875	351	384	141	1090	3364	1783	5147
55153	55518	2071	2072	1004	766	535	876	351	384	141	1090	3364	1783	5147
55518	55883	2072	2073	1004	766	535	876	351	384	141	1090	3363	1783	5147
55883	56248	2073	2074	1004	766	535	876	351	384	141	1090	3363	1784	5147
56248	56614	2074	2075	1004	766	535	876	351	384	141	1090	3363	1784	5147
56614	56979	2075	2076	1004	766	535	876	351	384	141	1090	3363	1784	5147
56979	57344	2076	2077	1004	767	535	876	351	384	141	1090	3363	1784	5147
57344	57709	2077	2078	1004	767	535	876	351	384	141	1090	3363	1784	5147
57709	58075	2078	2079	1004	767	535	876	351	383	141	1090	3363	1784	5147
58075	58440	2079	2080	1004	767	534	876	351	383	141	1090	3363	1784	5147
58440	58805	2080	2081	1004	767	534	876	351	383	141	1090	3363	1784	5146
58805	59170	2081	2082	1004	767	534	876	351	383	141	1090	3362	1784	5146
59170	59536	2082	2083	1004	767	534	876	351	383	141	1090	3362	1784	5146
59536	59901	2083	2084	1004	767	534	876	351	383	141	1090	3362	1784	5146
59901	60266	2084	2085	1004	767	534	876	351	383	141	1090	3362	1784	5146
60266	60631	2085	2086	1004	767	534	876	351	383	141	1090	3362	1784	5146
60631	60997	2086	2087	1004	767	534	876	351	383	141	1090	3362	1784	5146
60997	61362	2087	2088	1004	767	534	876	351	383	141	1090	3362	1784	5146
61362	61727	2088	2089	1004	767	534	876	351	383	141	1090	3362	1784	5146
61727	62092	2089	2090	1004	767	534	876	351	383	141	1090	3362	1784	5146
62092	62458	2090	2091	1004	767	534	876	351	383	141	1090	3362	1784	5146
62458	62823	2091	2092	1004	767	534	876	351	383	141	1090	3362	1784	5146
62823	63188	2092	2093	1004	767	534	876	351	383	141	1090	3361	1785	5146
63188	63553	2093	2094	1004	767	534	876	351	383	141	1090	3361	1785	5146
63553	63919	2094	2095	1004	767	534	876	351	383	141	1090	3361	1785	5146
63919	64284	2095	2096	1004	767	534	876	351	383	141	1090	3361	1785	5146
64284	64649	2096	2097	1004	767	534	876	351	383	141	1090	3361	1785	5146
64649	65014	2097	2098	1004	767	534	876	351	383	141	1090	3361	1785	5146
65014	65380	2098	2099	1004	767	534	876	351	383	141	1090	3361	1785	5146
65380	65745	2099	2100	1004	767	534	876	351	383	141	1090	3361	1785	5146
65745	66110	2100	2101	1004	767	534	876	351	383	141	1090	3361	1785	5146
66110	66475	2101	2102	1003	767	534	876	351	383	141	1090	3361	1785	5146
66475	66841	2102	2103	1003	767	534	876	351	382	141	1090	3360	1785	5146
66841	67206	2103	2104	1003	767	534	876	351	382	141	1090	3360	1785	5146
67206	67571	2104	2105	1003	767	534	876	351	382	141	1090	3360	1785	5146
67571	67936	2105	2106	1003	767	534	876	351	382	141	1090	3360	1785	5146
67936	68302	2106	2107	1003	767	534	876	351	382	141	1090	3360	1785	5145
68302	68667	2107	2108	1003	767	534	876	351	382	141	1089	3360	1785	5145
68667	69032	2108	2109	1003	767	534	877	351	382	141	1089	3360	1785	5145

B-6(S3a). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3a) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3653*	1920	1930	3.7	2.4	2.6	2.4	4.1	2.6	1.1	***13.0***	***5.9***	**18.9**
3653	*10950*	1930	1950	3.1	2.1	2.2	1.7	3.4	2.3	0.5	***11.0***	***4.3***	**15.3**
10950	*14610*	1950	1960	3.1	2.1	2.3	1.8	3.5	2.3	0.5	***11.1***	***4.5***	**15.6**
14610	*18263*	1960	1970	4.4	2.9	7.3	9.3	3.5	2.3	0.5	***17.4***	***12.8***	**30.2**
18263	*21915*	1970	1980	4.5	3.0	7.4	10.0	3.5	2.3	0.5	***17.7***	***13.5***	**31.1**
21915	*24837*	1980	1988	4.5	3.0	7.5	10.2	3.5	2.3	0.5	***17.7***	***13.7***	**31.5**
24837	*25202*	1988	1989	4.5	3.0	7.5	10.2	3.5	2.3	0.5	***17.7***	***13.7***	**31.5**
25202	*25568*	1989	1990	4.5	3.0	7.5	10.2	3.5	2.3	0.5	***17.8***	***13.8***	**31.5**
25568	*25933*	1990	1991	4.5	3.0	7.5	10.2	3.5	2.3	0.5	***17.8***	***13.8***	**31.5**
25933	*26298*	1991	1992	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.8***	**31.5**
26298	*26663*	1992	1993	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.8***	**31.5**
26663	*27029*	1993	1994	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.8***	**31.6**
27029	*27394*	1994	1995	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.8***	**31.6**
27394	*27759*	1995	1996	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.8***	**31.6**
27759	*28124*	1996	1997	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.8***	**31.6**
28124	*28490*	1997	1998	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.9***	**31.6**
28490	*28855*	1998	1999	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.9***	**31.6**
28855	*29220*	1999	2000	4.6	3.0	7.1	9.8	3.7	2.3	0.6	***17.7***	***13.4***	**31.0**
29220	*29585*	2000	2001	4.6	2.9	6.5	9.0	3.8	2.4	0.6	***17.3***	***12.6***	**29.9**
29585	*29951*	2001	2002	3.9	2.7	5.8	8.2	3.4	2.1	0.5	***15.2***	***11.4***	**26.5**
29951	*30316*	2002	2003	4.9	3.3	5.7	8.1	3.6	2.2	0.8	***16.5***	***12.2***	**28.7**
30316	*30681*	2003	2004	5.9	3.8	6.0	8.3	4.2	2.5	1.3	***18.7***	***13.4***	**32.0**
30681	*31046*	2004	2005	6.5	4.0	6.1	8.3	4.6	2.8	1.7	***20.0***	***14.0***	**34.0**
31046	*31412*	2005	2006	5.7	3.9	5.4	7.5	4.0	2.4	1.3	***17.5***	***12.6***	**30.2**
31412	*31777*	2006	2007	5.8	3.9	5.3	7.3	4.1	2.4	1.3	***17.6***	***12.6***	**30.2**
31777	*32142*	2007	2008	5.8	3.9	5.2	7.0	4.1	2.4	1.4	***17.5***	***12.3***	**29.8**
32142	*32507*	2008	2009	7.0	4.2	5.8	7.6	5.0	3.0	2.0	***20.8***	***13.9***	**34.6**
32507	*32872*	2009	2010	10.4	5.1	7.6	9.7	7.6	4.8	4.0	***30.4***	***18.8***	**49.2**
32872	*33238*	2010	2011	12.7	5.7	8.9	11.3	9.5	6.3	5.4	***37.3***	***22.5***	**59.8**
33238	*33603*	2011	2012	10.5	5.2	7.5	9.8	8.1	5.1	4.3	***31.2***	***19.3***	**50.5**
33603	*33968*	2012	2013	9.4	4.9	6.9	9.0	7.4	4.5	3.8	***28.3***	***17.8***	**46.1**
33968	*34333*	2013	2014	8.7	4.7	6.5	8.6	7.0	4.2	3.5	***26.5***	***16.8***	**43.3**
34333	*34699*	2014	2015	8.3	4.6	6.3	8.3	6.7	3.9	3.3	***25.2***	***16.2***	**41.3**
34699	*35064*	2015	2016	7.9	4.6	6.1	8.0	6.5	3.8	3.1	***24.2***	***15.7***	**39.9**
35064	*35429*	2016	2017	7.6	4.5	5.9	7.8	6.3	3.6	3.0	***23.5***	***15.3***	**38.8**
35429	*35794*	2017	2018	7.4	4.5	5.8	7.6	6.2	3.5	2.9	***22.9***	***14.9***	**37.9**
35794	*36160*	2018	2019	7.3	4.4	5.7	7.5	6.0	3.5	2.8	***22.4***	***14.7***	**37.1**
36160	*36525*	2019	2020	7.1	4.4	5.6	7.4	5.9	3.4	2.7	***22.0***	***14.5***	**36.5**
36525	*36890*	2020	2021	7.0	4.4	5.5	7.3	5.8	3.3	2.6	***21.7***	***14.3***	**35.9**
36890	*37255*	2021	2022	6.9	4.3	5.5	7.2	5.7	3.3	2.6	***21.4***	***14.1***	**35.5**
37255	*37621*	2022	2023	6.8	4.3	5.4	7.1	5.7	3.2	2.5	***21.1***	***13.9***	**35.1**
37621	*37986*	2023	2024	6.7	4.3	5.4	7.0	5.6	3.2	2.5	***20.9***	***13.8***	**34.7**
37986	*38351*	2024	2025	6.6	4.3	5.3	7.0	5.6	3.2	2.4	***20.7***	***13.7***	**34.4**

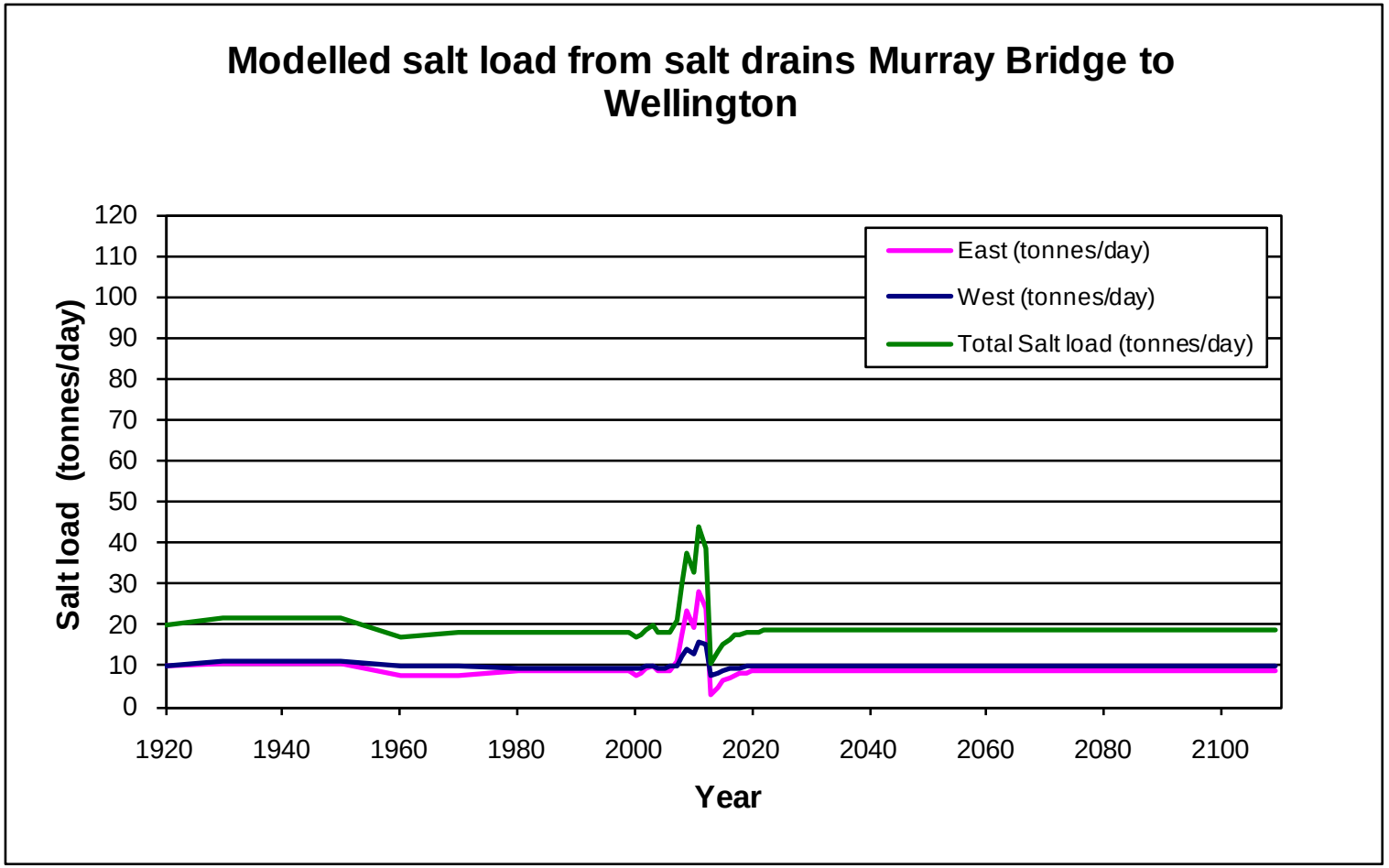
B-6(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3a) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	6.6	4.3	5.3	6.9	5.5	3.1	2.4	20.5	13.6	34.1
38716	39082	2026	2027	6.5	4.3	5.3	6.9	5.5	3.1	2.4	20.4	13.5	33.9
39082	39447	2027	2028	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.2	13.4	33.7
39447	39812	2028	2029	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.2	13.4	33.6
39812	40177	2029	2030	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.2	13.4	33.6
40177	40543	2030	2031	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.2	13.4	33.6
40543	40908	2031	2032	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.2	13.4	33.6
40908	41273	2032	2033	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.2	13.4	33.5
41273	41638	2033	2034	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.1	13.4	33.5
41638	42004	2034	2035	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.1	13.4	33.5
42004	42369	2035	2036	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.1	13.3	33.5
42369	42734	2036	2037	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.1	13.3	33.4
42734	43099	2037	2038	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.1	13.3	33.4
43099	43465	2038	2039	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.1	13.3	33.4
43465	43830	2039	2040	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.1	13.3	33.4
43830	44195	2040	2041	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.0	13.3	33.3
44195	44560	2041	2042	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.0	13.3	33.3
44560	44926	2042	2043	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.0	13.3	33.3
44926	45291	2043	2044	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.0	13.3	33.3
45291	45656	2044	2045	6.4	4.2	5.2	6.7	5.3	3.1	2.3	20.0	13.3	33.2
45656	46021	2045	2046	6.4	4.2	5.2	6.7	5.3	3.1	2.3	20.0	13.3	33.2
46021	46387	2046	2047	6.4	4.2	5.2	6.7	5.3	3.1	2.3	20.0	13.2	33.2
46387	46752	2047	2048	6.4	4.2	5.2	6.7	5.3	3.0	2.3	19.9	13.2	33.2
46752	47117	2048	2049	6.4	4.2	5.2	6.7	5.3	3.0	2.3	19.9	13.2	33.2
47117	47482	2049	2050	6.4	4.2	5.2	6.7	5.3	3.0	2.3	19.9	13.2	33.1
47482	47848	2050	2051	6.4	4.2	5.2	6.7	5.3	3.0	2.3	19.9	13.2	33.1
47848	48213	2051	2052	6.4	4.2	5.2	6.7	5.3	3.0	2.3	19.9	13.2	33.1
48213	48578	2052	2053	6.4	4.2	5.2	6.7	5.3	3.0	2.3	19.9	13.2	33.1
48578	48943	2053	2054	6.4	4.2	5.1	6.7	5.3	3.0	2.3	19.9	13.2	33.0
48943	49309	2054	2055	6.4	4.2	5.1	6.7	5.3	3.0	2.3	19.8	13.2	33.0
49309	49674	2055	2056	6.4	4.2	5.1	6.7	5.3	3.0	2.3	19.8	13.2	33.0
49674	50039	2056	2057	6.3	4.2	5.1	6.7	5.3	3.0	2.3	19.8	13.2	33.0
50039	50404	2057	2058	6.3	4.2	5.1	6.7	5.3	3.0	2.3	19.8	13.2	33.0
50404	50770	2058	2059	6.3	4.2	5.1	6.7	5.3	3.0	2.3	19.8	13.2	32.9
50770	51135	2059	2060	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.8	13.1	32.9
51135	51500	2060	2061	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.8	13.1	32.9
51500	51865	2061	2062	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.8	13.1	32.9
51865	52231	2062	2063	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.7	13.1	32.9
52231	52596	2063	2064	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.7	13.1	32.8
52596	52961	2064	2065	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.7	13.1	32.8
52961	53326	2065	2066	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.7	13.1	32.8
53326	53692	2066	2067	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.7	13.1	32.8

B-6(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3a) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53692	54057	2067	2068	6.3	4.2	5.1	6.6	5.3	3.0	2.2	19.7	13.1	32.8
54057	54422	2068	2069	6.3	4.2	5.1	6.6	5.3	3.0	2.2	19.7	13.1	32.7
54422	54787	2069	2070	6.3	4.2	5.1	6.6	5.3	3.0	2.2	19.7	13.1	32.7
54787	55153	2070	2071	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.1	32.7
55153	55518	2071	2072	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.1	32.7
55518	55883	2072	2073	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.1	32.7
55883	56248	2073	2074	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.0	32.7
56248	56614	2074	2075	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.0	32.6
56614	56979	2075	2076	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.0	32.6
56979	57344	2076	2077	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.0	32.6
57344	57709	2077	2078	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.0	32.6
57709	58075	2078	2079	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.0	32.6
58075	58440	2079	2080	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.6
58440	58805	2080	2081	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.5
58805	59170	2081	2082	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.5
59170	59536	2082	2083	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.5
59536	59901	2083	2084	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.5
59901	60266	2084	2085	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.5
60266	60631	2085	2086	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.4
60631	60997	2086	2087	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.4
60997	61362	2087	2088	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.4
61362	61727	2088	2089	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.4	13.0	32.4
61727	62092	2089	2090	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.4	12.9	32.4
62092	62458	2090	2091	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.4	12.9	32.4
62458	62823	2091	2092	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.4	12.9	32.3
62823	63188	2092	2093	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.4	12.9	32.3
63188	63553	2093	2094	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.4	12.9	32.3
63553	63919	2094	2095	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.4	12.9	32.3
63919	64284	2095	2096	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.4	12.9	32.3
64284	64649	2096	2097	6.2	4.2	5.0	6.5	5.2	3.0	2.2	19.4	12.9	32.3
64649	65014	2097	2098	6.2	4.2	5.0	6.5	5.2	2.9	2.2	19.4	12.9	32.3
65014	65380	2098	2099	6.2	4.2	5.0	6.5	5.2	2.9	2.2	19.3	12.9	32.2
65380	65745	2099	2100	6.2	4.2	5.0	6.5	5.2	2.9	2.2	19.3	12.9	32.2
65745	66110	2100	2101	6.2	4.2	5.0	6.5	5.2	2.9	2.2	19.3	12.9	32.2
66110	66475	2101	2102	6.2	4.2	5.0	6.5	5.2	2.9	2.2	19.3	12.9	32.2
66475	66841	2102	2103	6.2	4.2	5.0	6.5	5.1	2.9	2.2	19.3	12.9	32.2
66841	67206	2103	2104	6.2	4.2	5.0	6.5	5.1	2.9	2.2	19.3	12.9	32.2
67206	67571	2104	2105	6.2	4.2	5.0	6.5	5.1	2.9	2.2	19.3	12.9	32.1
67571	67936	2105	2106	6.2	4.2	5.0	6.5	5.1	2.9	2.1	19.3	12.9	32.1
67936	68302	2106	2107	6.2	4.2	5.0	6.5	5.1	2.9	2.1	19.3	12.8	32.1
68302	68667	2107	2108	6.2	4.2	5.0	6.5	5.1	2.9	2.1	19.3	12.8	32.1
68667	69032	2108	2109	6.2	4.2	5.0	6.5	5.1	2.9	2.1	19.3	12.8	32.1
69032	69397	2109	2110	6.2	4.2	5.0	6.5	5.1	2.9	2.1	19.2	12.8	32.1
		Salinity (mg/L)		5,000	5,000	7,000	10,000	10,000	7,000	6,000			

B-6(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3a) (highland to salt drains)



B-6(S3a). Graph of modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3a) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3653*	1920	1930	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.0***	2.7
3653	*10950*	1930	1950	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.7
10950	*14610*	1950	1960	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.7
14610	*18263*	1960	1970	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
18263	*21915*	1970	1980	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
21915	*24837*	1980	1988	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
24837	*25202*	1988	1989	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
25202	*25568*	1989	1990	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
25568	*25933*	1990	1991	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
25933	*26298*	1991	1992	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
26298	*26663*	1992	1993	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
26663	*27029*	1993	1994	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
27029	*27394*	1994	1995	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
27394	*27759*	1995	1996	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
27759	*28124*	1996	1997	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
28124	*28490*	1997	1998	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
28490	*28855*	1998	1999	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
28855	*29220*	1999	2000	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
29220	*29585*	2000	2001	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
29585	*29951*	2001	2002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	***1.7***	***0.0***	1.7
29951	*30316*	2002	2003	0.0	0.2	0.0	0.4	0.0	0.1	0.0	3.2	***3.3***	***0.6***	3.9
30316	*30681*	2003	2004	0.0	0.5	0.0	0.9	0.0	0.3	0.0	4.4	***4.7***	***1.4***	6.1
30681	*31046*	2004	2005	0.0	0.7	0.0	1.2	0.0	0.5	0.0	5.1	***5.7***	***1.9***	7.6
31046	*31412*	2005	2006	0.0	0.5	0.0	0.9	0.0	0.2	0.0	3.7	***3.9***	***1.5***	5.4
31412	*31777*	2006	2007	0.0	0.6	0.0	1.0	0.0	0.2	0.0	3.8	***4.0***	***1.6***	5.6
31777	*32142*	2007	2008	0.0	0.6	0.0	1.1	0.0	0.2	0.0	3.7	***3.9***	***1.7***	5.6
32142	*32507*	2008	2009	0.0	0.9	0.0	1.6	0.0	0.7	0.0	5.5	***6.3***	***2.5***	8.8
32507	*32872*	2009	2010	0.0	1.9	0.0	3.3	0.5	2.5	0.0	10.5	***13.5***	***5.2***	18.7
32872	*33238*	2010	2011	0.0	2.5	0.1	4.2	1.0	3.8	0.0	14.6	***19.6***	***6.8***	26.4
33238	*33603*	2011	2012	0.0	1.8	0.1	3.2	0.6	2.9	0.0	11.9	***15.5***	***5.0***	20.5
33603	*33968*	2012	2013	0.0	1.5	0.0	2.8	0.4	2.4	0.0	10.6	***13.5***	***4.3***	17.8
33968	*34333*	2013	2014	0.0	1.4	0.0	2.5	0.3	2.1	0.0	9.9	***12.3***	***3.9***	16.2
34333	*34699*	2014	2015	0.0	1.3	0.0	2.4	0.2	1.9	0.0	9.4	***11.5***	***3.7***	15.2
34699	*35064*	2015	2016	0.0	1.2	0.0	2.3	0.1	1.7	0.0	9.1	***11.0***	***3.5***	14.5
35064	*35429*	2016	2017	0.0	1.2	0.0	2.2	0.1	1.6	0.0	8.9	***10.5***	***3.4***	13.9
35429	*35794*	2017	2018	0.0	1.2	0.0	2.2	0.1	1.5	0.0	8.7	***10.2***	***3.3***	13.6
35794	*36160*	2018	2019	0.0	1.1	0.0	2.1	0.1	1.4	0.0	8.6	***10.0***	***3.2***	13.2
36160	*36525*	2019	2020	0.0	1.1	0.0	2.1	0.0	1.3	0.0	8.4	***9.8***	***3.2***	13.0
36525	*36890*	2020	2021	0.0	1.1	0.0	2.1	0.0	1.3	0.0	8.4	***9.7***	***3.1***	12.8
36890	*37255*	2021	2022	0.0	1.1	0.0	2.0	0.0	1.2	0.0	8.3	***9.5***	***3.1***	12.6
37255	*37621*	2022	2023	0.0	1.1	0.0	2.0	0.0	1.2	0.0	8.2	***9.4***	***3.1***	12.5
37621	*37986*	2023	2024	0.0	1.0	0.0	2.0	0.0	1.1	0.0	8.2	***9.3***	***3.0***	12.4
37986	*38351*	2024	2025	0.0	1.0	0.0	2.0	0.0	1.1	0.0	8.2	***9.3***	***3.0***	12.3

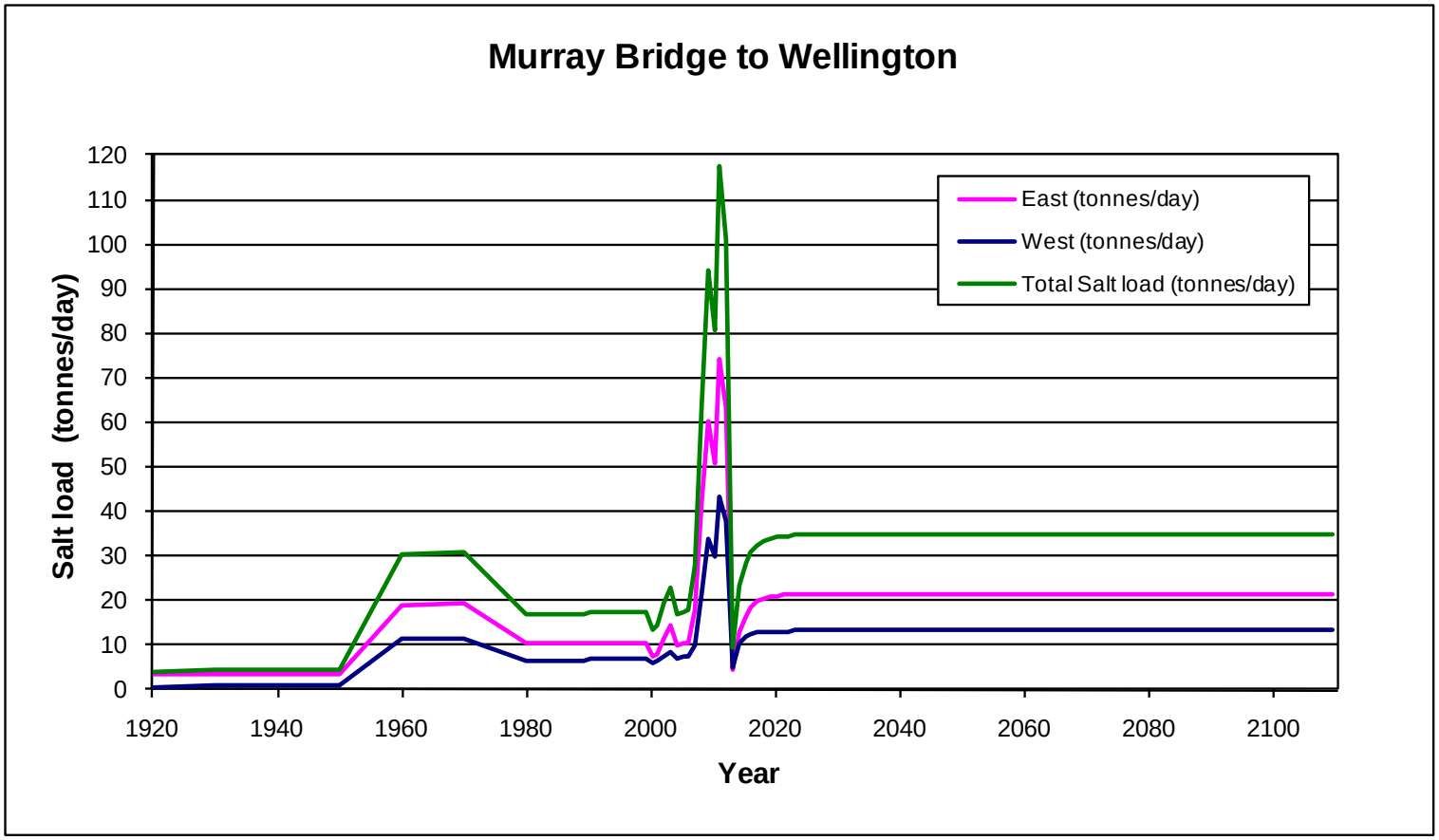
B-6(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3a) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.0	1.0	0.0	2.0	0.0	1.1	0.0	8.1	9.2	3.0	12.2
38716	39082	2026	2027	0.0	1.0	0.0	2.0	0.0	1.0	0.0	8.1	9.1	3.0	12.1
39082	39447	2027	2028	0.0	1.0	0.0	2.0	0.0	1.0	0.0	8.1	9.1	3.0	12.1
39447	39812	2028	2029	0.0	1.0	0.0	2.0	0.0	1.0	0.0	8.1	9.1	3.0	12.1
39812	40177	2029	2030	0.0	1.0	0.0	2.0	0.0	1.0	0.0	8.1	9.1	3.0	12.1
40177	40543	2030	2031	0.0	1.0	0.0	2.0	0.0	1.0	0.0	8.1	9.1	3.0	12.0
40543	40908	2031	2032	0.0	1.0	0.0	2.0	0.0	1.0	0.0	8.1	9.1	3.0	12.0
40908	41273	2032	2033	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.1	3.0	12.0
41273	41638	2033	2034	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.1	3.0	12.0
41638	42004	2034	2035	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.1	3.0	12.0
42004	42369	2035	2036	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.1	3.0	12.0
42369	42734	2036	2037	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.1	2.9	12.0
42734	43099	2037	2038	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.1	2.9	12.0
43099	43465	2038	2039	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.0	2.9	12.0
43465	43830	2039	2040	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.0	2.9	12.0
43830	44195	2040	2041	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.0	2.9	12.0
44195	44560	2041	2042	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.0	2.9	12.0
44560	44926	2042	2043	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.0	2.9	12.0
44926	45291	2043	2044	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	12.0
45291	45656	2044	2045	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	12.0
45656	46021	2045	2046	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
46021	46387	2046	2047	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
46387	46752	2047	2048	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
46752	47117	2048	2049	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
47117	47482	2049	2050	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
47482	47848	2050	2051	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
47848	48213	2051	2052	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
48213	48578	2052	2053	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
48578	48943	2053	2054	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
48943	49309	2054	2055	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	9.0	2.9	11.9
49309	49674	2055	2056	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	9.0	2.9	11.9
49674	50039	2056	2057	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	9.0	2.9	11.9
50039	50404	2057	2058	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	9.0	2.9	11.9
50404	50770	2058	2059	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	9.0	2.9	11.9
50770	51135	2059	2060	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	9.0	2.9	11.9
51135	51500	2060	2061	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	9.0	2.9	11.9
51500	51865	2061	2062	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.9
51865	52231	2062	2063	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.9
52231	52596	2063	2064	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
52596	52961	2064	2065	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
52961	53326	2065	2066	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
53326	53692	2066	2067	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8

B-6(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3a) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53692	54057	2067	2068	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
54057	54422	2068	2069	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
54422	54787	2069	2070	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
54787	55153	2070	2071	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
55153	55518	2071	2072	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
55518	55883	2072	2073	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
55883	56248	2073	2074	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
56248	56614	2074	2075	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
56614	56979	2075	2076	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
56979	57344	2076	2077	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
57344	57709	2077	2078	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
57709	58075	2078	2079	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
58075	58440	2079	2080	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
58440	58805	2080	2081	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
58805	59170	2081	2082	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
59170	59536	2082	2083	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
59536	59901	2083	2084	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
59901	60266	2084	2085	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
60266	60631	2085	2086	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.7
60631	60997	2086	2087	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.7
60997	61362	2087	2088	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.7
61362	61727	2088	2089	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.7
61727	62092	2089	2090	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.7
62092	62458	2090	2091	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.7
62458	62823	2091	2092	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
62823	63188	2092	2093	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
63188	63553	2093	2094	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
63553	63919	2094	2095	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
63919	64284	2095	2096	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
64284	64649	2096	2097	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
64649	65014	2097	2098	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
65014	65380	2098	2099	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
65380	65745	2099	2100	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
65745	66110	2100	2101	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
66110	66475	2101	2102	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
66475	66841	2102	2103	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
66841	67206	2103	2104	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
67206	67571	2104	2105	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
67571	67936	2105	2106	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
67936	68302	2106	2107	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
68302	68667	2107	2108	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
68667	69032	2108	2109	0.0	1.0	0.0	1.9	0.0	0.9	0.0	7.9	8.8	2.9	11.7
69032	69397	2109	2110	0.0	1.0	0.0	1.9	0.0	0.9	0.0	7.9	8.8	2.9	11.7
		Salinity (mg/L)		5,000	5,000	7,000	10,000	10,000	7,000	6,000	6,000			

B-6(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3a) (floodplain to river)



B-6(S3a). Graph of modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3a) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3653*	1920	1930	738	474	377	243	408	365	186	***1888***	***903***	**2791**
3653	*10950*	1930	1950	615	425	319	174	344	324	78	***1601***	***677***	**2278**
10950	*14610*	1950	1960	622	430	322	178	346	325	89	***1615***	***696***	**2311**
14610	*18263*	1960	1970	871	579	1042	932	348	324	90	***2586***	***1600***	**4186**
18263	*21915*	1970	1980	892	590	1062	999	351	324	90	***2628***	***1679***	**4307**
21915	*24837*	1980	1988	898	593	1067	1022	352	324	90	***2640***	***1705***	**4346**
24837	*25202*	1988	1989	898	594	1067	1023	352	324	90	***2641***	***1707***	**4348**
25202	*25568*	1989	1990	899	594	1067	1025	352	324	90	***2642***	***1709***	**4351**
25568	*25933*	1990	1991	899	594	1067	1025	352	324	90	***2642***	***1709***	**4351**
25933	*26298*	1991	1992	899	594	1068	1026	352	324	90	***2642***	***1711***	**4353**
26298	*26663*	1992	1993	899	594	1068	1027	352	324	90	***2643***	***1712***	**4355**
26663	*27029*	1993	1994	900	594	1068	1028	352	324	90	***2643***	***1713***	**4356**
27029	*27394*	1994	1995	900	594	1068	1029	352	324	90	***2644***	***1714***	**4358**
27394	*27759*	1995	1996	900	595	1068	1030	352	324	90	***2644***	***1715***	**4359**
27759	*28124*	1996	1997	900	595	1068	1032	352	324	90	***2645***	***1717***	**4362**
28124	*28490*	1997	1998	901	595	1069	1033	352	324	90	***2646***	***1719***	**4364**
28490	*28855*	1998	1999	901	595	1069	1035	352	324	90	***2646***	***1721***	**4367**
28855	*29220*	1999	2000	916	596	1008	980	369	335	97	***2627***	***1674***	**4300**
29220	*29585*	2000	2001	915	589	923	903	382	343	105	***2563***	***1597***	**4160**
29585	*29951*	2001	2002	784	545	824	820	336	302	76	***2246***	***1441***	**3687**
29951	*30316*	2002	2003	979	661	821	811	364	316	139	***2481***	***1610***	**4091**
30316	*30681*	2003	2004	1182	755	859	828	421	363	217	***2826***	***1800***	**4625**
30681	*31046*	2004	2005	1306	809	876	832	460	393	276	***3035***	***1917***	**4952**
31046	*31412*	2005	2006	1146	775	778	748	400	338	212	***2662***	***1735***	**4397**
31412	*31777*	2006	2007	1163	784	763	729	407	345	224	***2678***	***1737***	**4415**
31777	*32142*	2007	2008	1160	784	742	704	409	347	228	***2659***	***1715***	**4374**
32142	*32507*	2008	2009	1395	847	825	759	502	429	339	***3151***	***1945***	**5095**
32507	*32872*	2009	2010	2072	1026	1084	971	759	688	667	***4602***	***2663***	**7266**
32872	*33238*	2010	2011	2543	1147	1266	1133	948	897	901	***5654***	***3181***	**8836**
33238	*33603*	2011	2012	2101	1031	1078	978	810	726	724	***4716***	***2733***	**7450**
33603	*33968*	2012	2013	1881	978	989	904	744	646	638	***4260***	***2521***	**6781**
33968	*34333*	2013	2014	1745	948	934	858	702	597	584	***3977***	***2390***	**6367**
34333	*34699*	2014	2015	1651	927	896	826	672	563	546	***3781***	***2298***	**6079**
34699	*35064*	2015	2016	1582	911	868	801	649	539	517	***3638***	***2229***	**5867**
35064	*35429*	2016	2017	1529	900	845	781	631	521	495	***3526***	***2175***	**5701**
35429	*35794*	2017	2018	1486	890	828	764	616	507	476	***3437***	***2131***	**5568**
35794	*36160*	2018	2019	1452	883	813	750	603	496	461	***3364***	***2094***	**5458**
36160	*36525*	2019	2020	1423	876	801	738	592	486	448	***3302***	***2063***	**5365**
36525	*36890*	2020	2021	1398	871	790	728	583	478	437	***3249***	***2036***	**5286**
36890	*37255*	2021	2022	1378	866	781	719	575	471	428	***3204***	***2013***	**5217**
37255	*37621*	2022	2023	1359	862	773	711	568	464	419	***3164***	***1992***	**5157**
37621	*37986*	2023	2024	1345	859	767	704	562	459	412	***3132***	***1976***	**5108**
37986	*38351*	2024	2025	1330	856	761	698	556	454	405	***3101***	***1959***	**5060**

B-6(S3b). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3b) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	***38716***	**2025**	**2026**	1321	854	757	693	552	451	401	***3080***	***1948***	**5028**
38716	***39082***	**2026**	**2027**	1310	852	752	688	547	447	396	***3056***	***1936***	**4993**
39082	***39447***	**2027**	**2028**	1309	852	752	688	547	446	395	***3053***	***1935***	**4988**
39447	***39812***	**2028**	**2029**	1299	850	747	683	542	443	390	***3031***	***1923***	**4954**
39812	***40177***	**2029**	**2030**	1297	849	747	682	542	442	390	***3028***	***1922***	**4950**
40177	***40543***	**2030**	**2031**	1296	849	746	682	541	442	389	***3026***	***1920***	**4946**
40543	***40908***	**2031**	**2032**	1295	849	746	682	541	442	389	***3024***	***1919***	**4943**
40908	***41273***	**2032**	**2033**	1294	849	745	681	541	441	388	***3021***	***1918***	**4939**
41273	***41638***	**2033**	**2034**	1293	849	745	680	540	441	388	***3019***	***1917***	**4936**
41638	***42004***	**2034**	**2035**	1292	848	744	680	540	441	387	***3017***	***1915***	**4932**
42004	***42369***	**2035**	**2036**	1291	848	744	679	539	440	386	***3014***	***1914***	**4928**
42369	***42734***	**2036**	**2037**	1290	848	743	679	539	440	386	***3012***	***1913***	**4925**
42734	***43099***	**2037**	**2038**	1289	848	743	679	538	439	385	***3010***	***1912***	**4921**
43099	***43465***	**2038**	**2039**	1288	848	743	678	538	439	385	***3007***	***1911***	**4918**
43465	***43830***	**2039**	**2040**	1287	847	742	678	537	439	384	***3005***	***1909***	**4914**
43830	***44195***	**2040**	**2041**	1286	847	742	677	537	438	384	***3003***	***1908***	**4911**
44195	***44560***	**2041**	**2042**	1285	847	741	677	537	438	384	***3001***	***1907***	**4908**
44560	***44926***	**2042**	**2043**	1284	847	741	676	536	438	383	***2998***	***1906***	**4904**
44926	***45291***	**2043**	**2044**	1283	847	740	676	536	437	383	***2996***	***1905***	**4901**
45291	***45656***	**2044**	**2045**	1282	846	740	675	535	437	382	***2994***	***1904***	**4898**
45656	***46021***	**2045**	**2046**	1281	846	739	675	535	437	382	***2992***	***1903***	**4895**
46021	***46387***	**2046**	**2047**	1280	846	739	674	534	436	381	***2990***	***1901***	**4891**
46387	***46752***	**2047**	**2048**	1279	846	739	674	534	436	381	***2988***	***1900***	**4888**
46752	***47117***	**2048**	**2049**	1278	846	738	673	534	436	380	***2986***	***1899***	**4885**
47117	***47482***	**2049**	**2050**	1277	845	738	673	533	435	380	***2984***	***1898***	**4882**
47482	***47848***	**2050**	**2051**	1276	845	737	672	533	435	379	***2982***	***1897***	**4879**
47848	***48213***	**2051**	**2052**	1276	845	737	672	532	435	379	***2979***	***1896***	**4875**
48213	***48578***	**2052**	**2053**	1275	845	737	672	532	434	378	***2977***	***1895***	**4872**
48578	***48943***	**2053**	**2054**	1274	845	736	671	532	434	378	***2975***	***1894***	**4869**
48943	***49309***	**2054**	**2055**	1273	845	736	671	531	434	378	***2973***	***1893***	**4866**
49309	***49674***	**2055**	**2056**	1272	844	735	670	531	433	377	***2971***	***1892***	**4863**
49674	***50039***	**2056**	**2057**	1271	844	735	670	530	433	377	***2969***	***1891***	**4860**
50039	***50404***	**2057**	**2058**	1270	844	735	669	530	433	376	***2967***	***1890***	**4857**
50404	***50770***	**2058**	**2059**	1269	844	734	669	530	432	376	***2966***	***1889***	**4854**
50770	***51135***	**2059**	**2060**	1268	844	734	669	529	432	375	***2964***	***1888***	**4851**
51135	***51500***	**2060**	**2061**	1268	843	734	668	529	432	375	***2962***	***1887***	**4848**
51500	***51865***	**2061**	**2062**	1267	843	733	668	529	431	375	***2960***	***1886***	**4846**
51865	***52231***	**2062**	**2063**	1266	843	733	667	528	431	374	***2958***	***1885***	**4843**
52231	***52596***	**2063**	**2064**	1265	843	732	667	528	431	374	***2956***	***1884***	**4840**
52596	***52961***	**2064**	**2065**	1264	843	732	667	527	430	373	***2954***	***1883***	**4837**
52961	***53326***	**2065**	**2066**	1263	843	732	666	527	430	373	***2952***	***1882***	**4834**
53326	***53692***	**2066**	**2067**	1263	842	731	666	527	430	372	***2951***	***1881***	**4831**

B-6(S3b). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3b) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53692	54057	2067	2068	1262	842	731	665	526	430	372	2949	1880	4829
54057	54422	2068	2069	1261	842	731	665	526	429	372	2947	1879	4826
54422	54787	2069	2070	1260	842	730	665	526	429	371	2945	1878	4823
54787	55153	2070	2071	1259	842	730	664	525	429	371	2943	1877	4820
55153	55518	2071	2072	1259	842	730	664	525	428	371	2942	1876	4818
55518	55883	2072	2073	1258	842	729	664	525	428	370	2940	1875	4815
55883	56248	2073	2074	1257	841	729	663	524	428	370	2938	1874	4812
56248	56614	2074	2075	1256	841	729	663	524	428	369	2936	1873	4810
56614	56979	2075	2076	1256	841	728	662	524	427	369	2935	1872	4807
56979	57344	2076	2077	1255	841	728	662	523	427	369	2933	1872	4805
57344	57709	2077	2078	1254	841	728	662	523	427	368	2931	1871	4802
57709	58075	2078	2079	1253	841	727	661	523	427	368	2930	1870	4800
58075	58440	2079	2080	1253	841	727	661	522	426	367	2928	1869	4797
58440	58805	2080	2081	1252	840	727	661	522	426	367	2926	1868	4794
58805	59170	2081	2082	1251	840	726	660	522	426	367	2925	1867	4792
59170	59536	2082	2083	1250	840	726	660	521	425	366	2923	1866	4789
59536	59901	2083	2084	1250	840	726	660	521	425	366	2921	1866	4787
59901	60266	2084	2085	1249	840	725	659	521	425	366	2920	1865	4785
60266	60631	2085	2086	1248	840	725	659	520	425	365	2918	1864	4782
60631	60997	2086	2087	1248	840	725	659	520	424	365	2917	1863	4780
60997	61362	2087	2088	1247	839	724	658	520	424	365	2915	1862	4777
61362	61727	2088	2089	1246	839	724	658	519	424	364	2914	1861	4775
61727	62092	2089	2090	1245	839	724	658	519	424	364	2912	1861	4773
62092	62458	2090	2091	1245	839	724	657	519	423	364	2910	1860	4770
62458	62823	2091	2092	1244	839	723	657	518	423	363	2909	1859	4768
62823	63188	2092	2093	1243	839	723	657	518	423	363	2907	1858	4765
63188	63553	2093	2094	1243	839	723	656	518	423	363	2906	1857	4763
63553	63919	2094	2095	1242	839	722	656	518	422	362	2904	1857	4761
63919	64284	2095	2096	1241	838	722	656	517	422	362	2903	1856	4759
64284	64649	2096	2097	1241	838	722	655	517	422	362	2901	1855	4756
64649	65014	2097	2098	1240	838	721	655	517	422	361	2900	1854	4754
65014	65380	2098	2099	1239	838	721	655	516	422	361	2898	1853	4752
65380	65745	2099	2100	1239	838	721	654	516	421	361	2897	1853	4750
65745	66110	2100	2101	1238	838	721	654	516	421	360	2895	1852	4747
66110	66475	2101	2102	1238	838	720	654	515	421	360	2894	1851	4745
66475	66841	2102	2103	1237	838	720	653	515	421	360	2893	1850	4743
66841	67206	2103	2104	1236	837	720	653	515	420	359	2891	1850	4741
67206	67571	2104	2105	1236	837	719	653	515	420	359	2890	1849	4739
67571	67936	2105	2106	1235	837	719	652	514	420	359	2888	1848	4736
67936	68302	2106	2107	1234	837	719	652	514	420	358	2887	1847	4734
68302	68667	2107	2108	1234	837	719	652	514	419	358	2886	1847	4732
68667	69032	2108	2109	1233	837	718	652	513	419	358	2884	1846	4730
69032	69397	2109	2110	1233	837	718	651	513	419	357	2883	1845	4728

B-6(S3b). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3b) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	3653	1920	1930	0	9	0	0	0	31	0	408	439	9	448
3653	10950	1930	1950	0	10	0	0	0	33	0	408	441	10	451
10950	14610	1950	1960	0	10	0	0	0	33	0	408	441	10	451
14610	18263	1960	1970	0	20	0	1	0	33	0	407	440	21	461
18263	21915	1970	1980	0	20	0	1	0	33	0	407	440	21	461
21915	24837	1980	1988	0	21	0	2	0	32	0	407	440	22	462
24837	25202	1988	1989	0	21	0	2	0	32	0	407	440	23	462
25202	25568	1989	1990	0	21	0	2	0	32	0	407	439	23	462
25568	25933	1990	1991	0	21	0	2	0	32	0	407	439	23	462
25933	26298	1991	1992	0	21	0	2	0	32	0	407	439	23	462
26298	26663	1992	1993	0	21	0	2	0	32	0	407	439	23	462
26663	27029	1993	1994	0	21	0	2	0	32	0	407	439	23	462
27029	27394	1994	1995	0	21	0	2	0	32	0	407	439	23	462
27394	27759	1995	1996	0	21	0	2	0	32	0	407	439	23	462
27759	28124	1996	1997	0	21	0	2	0	32	0	407	439	23	462
28124	28490	1997	1998	0	21	0	2	0	32	0	407	439	23	462
28490	28855	1998	1999	0	21	0	2	0	32	0	407	439	23	463
28855	29220	1999	2000	0	19	0	2	0	32	0	407	439	21	460
29220	29585	2000	2001	0	17	0	2	0	32	0	407	439	19	458
29585	29951	2001	2002	0	4	0	0	0	6	0	272	278	4	282
29951	30316	2002	2003	0	38	0	44	0	12	0	538	550	81	631
30316	30681	2003	2004	0	103	0	86	0	45	0	737	782	189	971
30681	31046	2004	2005	0	145	0	120	1	74	0	858	932	265	1197
31046	31412	2005	2006	0	108	0	95	0	26	0	623	649	202	851
31412	31777	2006	2007	0	120	0	104	0	30	0	628	658	224	882
31777	32142	2007	2008	0	122	0	107	0	30	0	618	648	229	876
32142	32507	2008	2009	0	189	0	156	0	104	0	922	1026	345	1372
32507	32872	2009	2010	0	387	7	326	49	352	0	1758	2165	713	2878
32872	33238	2010	2011	0	508	21	424	103	544	3	2437	3105	935	4040
33238	33603	2011	2012	0	365	8	320	58	415	0	1986	2467	685	3152
33603	33968	2012	2013	0	308	5	276	38	346	0	1772	2161	584	2745
33968	34333	2013	2014	0	278	3	252	27	301	0	1648	1979	530	2509
34333	34699	2014	2015	0	259	2	238	19	268	0	1569	1858	497	2355
34699	35064	2015	2016	0	246	1	228	14	244	0	1515	1775	474	2249
35064	35429	2016	2017	0	237	0	221	11	226	0	1476	1713	458	2172
35429	35794	2017	2018	0	231	0	216	8	211	0	1448	1667	446	2113
35794	36160	2018	2019	0	225	0	212	6	199	0	1426	1630	437	2067
36160	36525	2019	2020	0	221	0	209	4	188	0	1409	1601	429	2030
36525	36890	2020	2021	0	217	0	206	3	180	0	1395	1578	423	2001
36890	37255	2021	2022	0	214	0	204	2	173	0	1384	1558	417	1976
37255	37621	2022	2023	0	211	0	202	1	167	0	1375	1542	413	1955
37621	37986	2023	2024	0	209	0	200	0	161	0	1368	1529	409	1938
37986	38351	2024	2025	0	207	0	199	0	156	0	1361	1518	405	1923

B-6(S3b). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3b) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	0	205	0	198	0	153	0	1357	1510	403	1913
38716	39082	2026	2027	0	204	0	197	0	149	0	1353	1502	401	1902
39082	39447	2027	2028	0	204	0	197	0	149	0	1352	1501	400	1901
39447	39812	2028	2029	0	202	0	196	0	145	0	1348	1493	398	1891
39812	40177	2029	2030	0	202	0	195	0	145	0	1347	1492	397	1890
40177	40543	2030	2031	0	202	0	195	0	144	0	1347	1491	397	1889
40543	40908	2031	2032	0	202	0	195	0	144	0	1347	1491	397	1888
40908	41273	2032	2033	0	202	0	195	0	144	0	1346	1490	397	1886
41273	41638	2033	2034	0	201	0	195	0	143	0	1346	1489	396	1885
41638	42004	2034	2035	0	201	0	195	0	143	0	1345	1488	396	1884
42004	42369	2035	2036	0	201	0	195	0	143	0	1345	1487	396	1883
42369	42734	2036	2037	0	201	0	195	0	142	0	1345	1487	396	1882
42734	43099	2037	2038	0	201	0	195	0	142	0	1344	1486	395	1881
43099	43465	2038	2039	0	201	0	194	0	141	0	1344	1485	395	1880
43465	43830	2039	2040	0	201	0	194	0	141	0	1343	1484	395	1879
43830	44195	2040	2041	0	200	0	194	0	141	0	1343	1484	395	1878
44195	44560	2041	2042	0	200	0	194	0	140	0	1343	1483	394	1877
44560	44926	2042	2043	0	200	0	194	0	140	0	1342	1482	394	1876
44926	45291	2043	2044	0	200	0	194	0	140	0	1342	1482	394	1876
45291	45656	2044	2045	0	200	0	194	0	139	0	1342	1481	394	1875
45656	46021	2045	2046	0	200	0	194	0	139	0	1341	1480	394	1874
46021	46387	2046	2047	0	200	0	194	0	139	0	1341	1479	393	1873
46387	46752	2047	2048	0	200	0	194	0	138	0	1341	1479	393	1872
46752	47117	2048	2049	0	199	0	194	0	138	0	1340	1478	393	1871
47117	47482	2049	2050	0	199	0	193	0	138	0	1340	1477	393	1870
47482	47848	2050	2051	0	199	0	193	0	137	0	1340	1477	393	1869
47848	48213	2051	2052	0	199	0	193	0	137	0	1339	1476	392	1868
48213	48578	2052	2053	0	199	0	193	0	137	0	1339	1476	392	1868
48578	48943	2053	2054	0	199	0	193	0	136	0	1339	1475	392	1867
48943	49309	2054	2055	0	199	0	193	0	136	0	1338	1474	392	1866
49309	49674	2055	2056	0	199	0	193	0	136	0	1338	1474	392	1865
49674	50039	2056	2057	0	199	0	193	0	135	0	1338	1473	391	1864
50039	50404	2057	2058	0	198	0	193	0	135	0	1337	1472	391	1863
50404	50770	2058	2059	0	198	0	193	0	135	0	1337	1472	391	1863
50770	51135	2059	2060	0	198	0	193	0	135	0	1337	1471	391	1862
51135	51500	2060	2061	0	198	0	192	0	134	0	1336	1471	391	1861
51500	51865	2061	2062	0	198	0	192	0	134	0	1336	1470	390	1860
51865	52231	2062	2063	0	198	0	192	0	134	0	1336	1469	390	1860
52231	52596	2063	2064	0	198	0	192	0	133	0	1335	1469	390	1859
52596	52961	2064	2065	0	198	0	192	0	133	0	1335	1468	390	1858
52961	53326	2065	2066	0	198	0	192	0	133	0	1335	1468	390	1857
53326	53692	2066	2067	0	197	0	192	0	133	0	1335	1467	389	1857

B-6(S3b). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3b) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53692	54057	2067	2068	0	197	0	192	0	132	0	1334	1467	389	1856
54057	54422	2068	2069	0	197	0	192	0	132	0	1334	1466	389	1855
54422	54787	2069	2070	0	197	0	192	0	132	0	1334	1465	389	1854
54787	55153	2070	2071	0	197	0	192	0	131	0	1334	1465	389	1854
55153	55518	2071	2072	0	197	0	192	0	131	0	1333	1464	389	1853
55518	55883	2072	2073	0	197	0	192	0	131	0	1333	1464	388	1852
55883	56248	2073	2074	0	197	0	191	0	131	0	1333	1463	388	1851
56248	56614	2074	2075	0	197	0	191	0	130	0	1332	1463	388	1851
56614	56979	2075	2076	0	197	0	191	0	130	0	1332	1462	388	1850
56979	57344	2076	2077	0	196	0	191	0	130	0	1332	1462	388	1849
57344	57709	2077	2078	0	196	0	191	0	130	0	1332	1461	388	1849
57709	58075	2078	2079	0	196	0	191	0	129	0	1331	1461	387	1848
58075	58440	2079	2080	0	196	0	191	0	129	0	1331	1460	387	1847
58440	58805	2080	2081	0	196	0	191	0	129	0	1331	1460	387	1847
58805	59170	2081	2082	0	196	0	191	0	128	0	1331	1459	387	1846
59170	59536	2082	2083	0	196	0	191	0	128	0	1331	1459	387	1845
59536	59901	2083	2084	0	196	0	191	0	128	0	1330	1458	387	1845
59901	60266	2084	2085	0	196	0	191	0	128	0	1330	1458	386	1844
60266	60631	2085	2086	0	196	0	191	0	127	0	1330	1457	386	1844
60631	60997	2086	2087	0	196	0	191	0	127	0	1330	1457	386	1843
60997	61362	2087	2088	0	195	0	191	0	127	0	1329	1456	386	1842
61362	61727	2088	2089	0	195	0	190	0	127	0	1329	1456	386	1842
61727	62092	2089	2090	0	195	0	190	0	126	0	1329	1455	386	1841
62092	62458	2090	2091	0	195	0	190	0	126	0	1329	1455	385	1840
62458	62823	2091	2092	0	195	0	190	0	126	0	1329	1455	385	1840
62823	63188	2092	2093	0	195	0	190	0	126	0	1328	1454	385	1839
63188	63553	2093	2094	0	195	0	190	0	126	0	1328	1454	385	1839
63553	63919	2094	2095	0	195	0	190	0	125	0	1328	1453	385	1838
63919	64284	2095	2096	0	195	0	190	0	125	0	1328	1453	385	1837
64284	64649	2096	2097	0	195	0	190	0	125	0	1327	1452	385	1837
64649	65014	2097	2098	0	195	0	190	0	125	0	1327	1452	384	1836
65014	65380	2098	2099	0	194	0	190	0	124	0	1327	1451	384	1836
65380	65745	2099	2100	0	194	0	190	0	124	0	1327	1451	384	1835
65745	66110	2100	2101	0	194	0	190	0	124	0	1327	1451	384	1835
66110	66475	2101	2102	0	194	0	190	0	124	0	1326	1450	384	1834
66475	66841	2102	2103	0	194	0	190	0	124	0	1326	1450	384	1833
66841	67206	2103	2104	0	194	0	190	0	123	0	1326	1449	384	1833
67206	67571	2104	2105	0	194	0	189	0	123	0	1326	1449	384	1832
67571	67936	2105	2106	0	194	0	189	0	123	0	1326	1448	383	1832
67936	68302	2106	2107	0	194	0	189	0	123	0	1325	1448	383	1831
68302	68667	2107	2108	0	194	0	189	0	122	0	1325	1448	383	1831
68667	69032	2108	2109	0	194	0	189	0	122	0	1325	1447	383	1830
69032	69397	2109	2110	0	194	0	189	0	122	0	1325	1447	383	1830

B-6(S3b). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3b) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3653*	1920	1930	3.7	2.4	2.6	2.4	4.1	2.6	1.1	***13.0***	***5.9***	**18.9**
3653	*10950*	1930	1950	3.1	2.1	2.2	1.7	3.4	2.3	0.5	***11.0***	***4.3***	**15.3**
10950	*14610*	1950	1960	3.1	2.1	2.3	1.8	3.5	2.3	0.5	***11.1***	***4.5***	**15.6**
14610	*18263*	1960	1970	4.4	2.9	7.3	9.3	3.5	2.3	0.5	***17.4***	***12.8***	**30.2**
18263	*21915*	1970	1980	4.5	3.0	7.4	10.0	3.5	2.3	0.5	***17.7***	***13.5***	**31.1**
21915	*24837*	1980	1988	4.5	3.0	7.5	10.2	3.5	2.3	0.5	***17.7***	***13.7***	**31.5**
24837	*25202*	1988	1989	4.5	3.0	7.5	10.2	3.5	2.3	0.5	***17.7***	***13.7***	**31.5**
25202	*25568*	1989	1990	4.5	3.0	7.5	10.2	3.5	2.3	0.5	***17.8***	***13.8***	**31.5**
25568	*25933*	1990	1991	4.5	3.0	7.5	10.2	3.5	2.3	0.5	***17.8***	***13.8***	**31.5**
25933	*26298*	1991	1992	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.8***	**31.5**
26298	*26663*	1992	1993	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.8***	**31.5**
26663	*27029*	1993	1994	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.8***	**31.6**
27029	*27394*	1994	1995	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.8***	**31.6**
27394	*27759*	1995	1996	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.8***	**31.6**
27759	*28124*	1996	1997	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.8***	**31.6**
28124	*28490*	1997	1998	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.9***	**31.6**
28490	*28855*	1998	1999	4.5	3.0	7.5	10.3	3.5	2.3	0.5	***17.8***	***13.9***	**31.6**
28855	*29220*	1999	2000	4.6	3.0	7.1	9.8	3.7	2.3	0.6	***17.7***	***13.4***	**31.0**
29220	*29585*	2000	2001	4.6	2.9	6.5	9.0	3.8	2.4	0.6	***17.3***	***12.6***	**29.9**
29585	*29951*	2001	2002	3.9	2.7	5.8	8.2	3.4	2.1	0.5	***15.2***	***11.4***	**26.5**
29951	*30316*	2002	2003	4.9	3.3	5.7	8.1	3.6	2.2	0.8	***16.5***	***12.2***	**28.7**
30316	*30681*	2003	2004	5.9	3.8	6.0	8.3	4.2	2.5	1.3	***18.7***	***13.4***	**32.0**
30681	*31046*	2004	2005	6.5	4.0	6.1	8.3	4.6	2.8	1.7	***20.0***	***14.0***	**34.0**
31046	*31412*	2005	2006	5.7	3.9	5.4	7.5	4.0	2.4	1.3	***17.5***	***12.6***	**30.2**
31412	*31777*	2006	2007	5.8	3.9	5.3	7.3	4.1	2.4	1.3	***17.6***	***12.5***	**30.2**
31777	*32142*	2007	2008	5.8	3.9	5.2	7.0	4.1	2.4	1.4	***17.5***	***12.3***	**29.8**
32142	*32507*	2008	2009	7.0	4.2	5.8	7.6	5.0	3.0	2.0	***20.8***	***13.9***	**34.6**
32507	*32872*	2009	2010	10.4	5.1	7.6	9.7	7.6	4.8	4.0	***30.3***	***18.8***	**49.2**
32872	*33238*	2010	2011	12.7	5.7	8.9	11.3	9.5	6.3	5.4	***37.3***	***22.5***	**59.8**
33238	*33603*	2011	2012	10.5	5.2	7.5	9.8	8.1	5.1	4.3	***31.2***	***19.3***	**50.5**
33603	*33968*	2012	2013	9.4	4.9	6.9	9.0	7.4	4.5	3.8	***28.3***	***17.8***	**46.1**
33968	*34333*	2013	2014	8.7	4.7	6.5	8.6	7.0	4.2	3.5	***26.5***	***16.8***	**43.3**
34333	*34699*	2014	2015	8.3	4.6	6.3	8.3	6.7	3.9	3.3	***25.2***	***16.2***	**41.3**
34699	*35064*	2015	2016	7.9	4.6	6.1	8.0	6.5	3.8	3.1	***24.2***	***15.7***	**39.9**
35064	*35429*	2016	2017	7.6	4.5	5.9	7.8	6.3	3.6	3.0	***23.5***	***15.3***	**38.8**
35429	*35794*	2017	2018	7.4	4.5	5.8	7.6	6.2	3.5	2.9	***22.9***	***15.0***	**37.9**
35794	*36160*	2018	2019	7.3	4.4	5.7	7.5	6.0	3.5	2.8	***22.5***	***14.7***	**37.1**
36160	*36525*	2019	2020	7.1	4.4	5.6	7.4	5.9	3.4	2.7	***22.0***	***14.5***	**36.5**
36525	*36890*	2020	2021	7.0	4.4	5.5	7.3	5.8	3.3	2.6	***21.7***	***14.3***	**36.0**
36890	*37255*	2021	2022	6.9	4.3	5.5	7.2	5.7	3.3	2.6	***21.4***	***14.1***	**35.5**
37255	*37621*	2022	2023	6.8	4.3	5.4	7.1	5.7	3.2	2.5	***21.1***	***13.9***	**35.1**
37621	*37986*	2023	2024	6.7	4.3	5.4	7.0	5.6	3.2	2.5	***20.9***	***13.8***	**34.7**
37986	*38351*	2024	2025	6.7	4.3	5.3	7.0	5.6	3.2	2.4	***20.7***	***13.7***	**34.4**

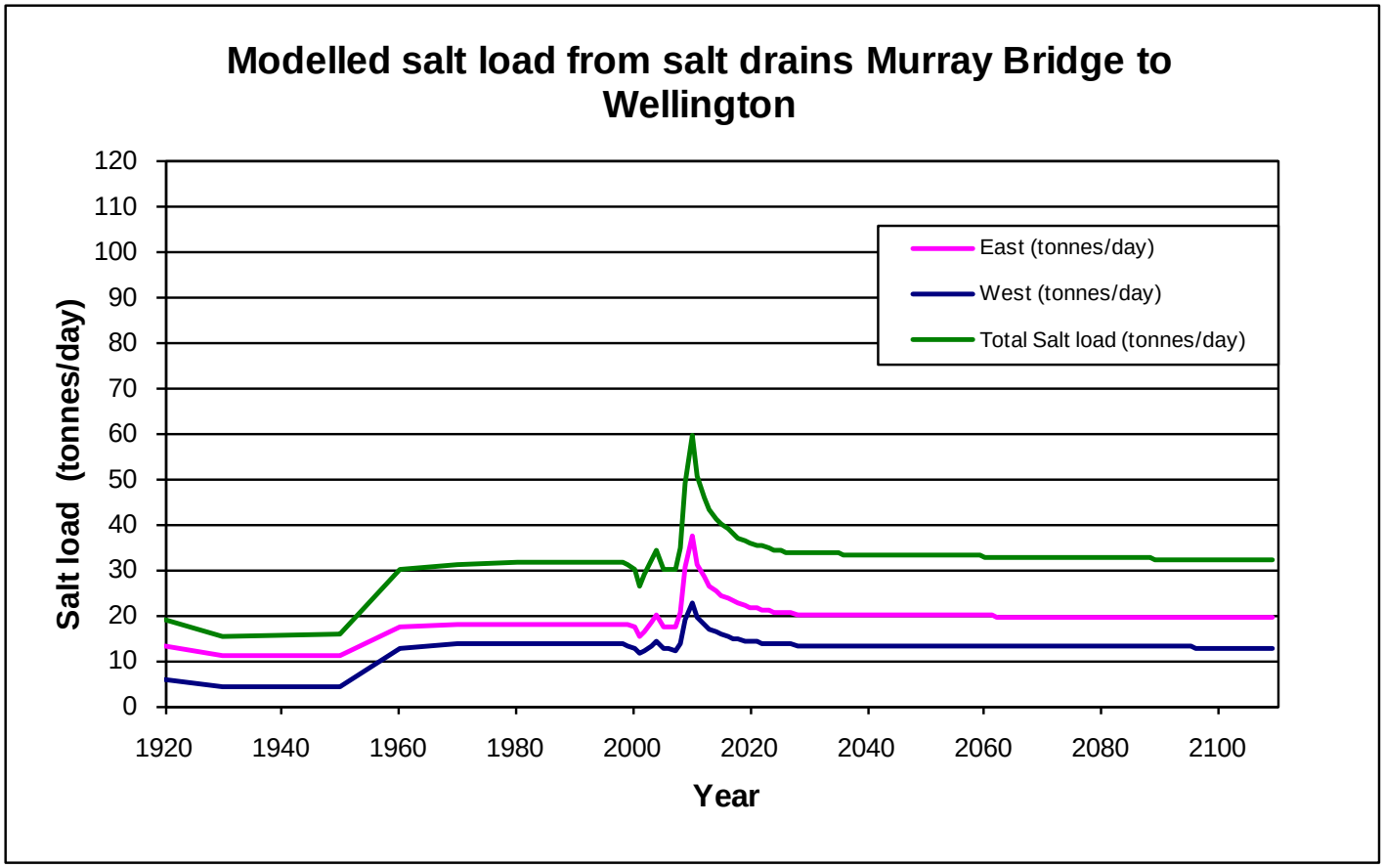
B-6(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3b) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	6.6	4.3	5.3	6.9	5.5	3.2	2.4	20.6	13.6	34.2
38716	39082	2026	2027	6.6	4.3	5.3	6.9	5.5	3.1	2.4	20.4	13.5	33.9
39082	39447	2027	2028	6.5	4.3	5.3	6.9	5.5	3.1	2.4	20.4	13.5	33.9
39447	39812	2028	2029	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.2	13.4	33.7
39812	40177	2029	2030	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.2	13.4	33.6
40177	40543	2030	2031	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.2	13.4	33.6
40543	40908	2031	2032	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.2	13.4	33.6
40908	41273	2032	2033	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.2	13.4	33.6
41273	41638	2033	2034	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.2	13.4	33.5
41638	42004	2034	2035	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.2	13.4	33.5
42004	42369	2035	2036	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.1	13.4	33.5
42369	42734	2036	2037	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.1	13.3	33.5
42734	43099	2037	2038	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.1	13.3	33.4
43099	43465	2038	2039	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.1	13.3	33.4
43465	43830	2039	2040	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.1	13.3	33.4
43830	44195	2040	2041	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.1	13.3	33.4
44195	44560	2041	2042	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.0	13.3	33.3
44560	44926	2042	2043	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.0	13.3	33.3
44926	45291	2043	2044	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.0	13.3	33.3
45291	45656	2044	2045	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.0	13.3	33.3
45656	46021	2045	2046	6.4	4.2	5.2	6.7	5.3	3.1	2.3	20.0	13.3	33.3
46021	46387	2046	2047	6.4	4.2	5.2	6.7	5.3	3.1	2.3	20.0	13.3	33.2
46387	46752	2047	2048	6.4	4.2	5.2	6.7	5.3	3.1	2.3	20.0	13.3	33.2
46752	47117	2048	2049	6.4	4.2	5.2	6.7	5.3	3.0	2.3	19.9	13.2	33.2
47117	47482	2049	2050	6.4	4.2	5.2	6.7	5.3	3.0	2.3	19.9	13.2	33.2
47482	47848	2050	2051	6.4	4.2	5.2	6.7	5.3	3.0	2.3	19.9	13.2	33.1
47848	48213	2051	2052	6.4	4.2	5.2	6.7	5.3	3.0	2.3	19.9	13.2	33.1
48213	48578	2052	2053	6.4	4.2	5.2	6.7	5.3	3.0	2.3	19.9	13.2	33.1
48578	48943	2053	2054	6.4	4.2	5.2	6.7	5.3	3.0	2.3	19.9	13.2	33.1
48943	49309	2054	2055	6.4	4.2	5.2	6.7	5.3	3.0	2.3	19.9	13.2	33.1
49309	49674	2055	2056	6.4	4.2	5.1	6.7	5.3	3.0	2.3	19.8	13.2	33.0
49674	50039	2056	2057	6.4	4.2	5.1	6.7	5.3	3.0	2.3	19.8	13.2	33.0
50039	50404	2057	2058	6.4	4.2	5.1	6.7	5.3	3.0	2.3	19.8	13.2	33.0
50404	50770	2058	2059	6.3	4.2	5.1	6.7	5.3	3.0	2.3	19.8	13.2	33.0
50770	51135	2059	2060	6.3	4.2	5.1	6.7	5.3	3.0	2.3	19.8	13.2	33.0
51135	51500	2060	2061	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.8	13.1	32.9
51500	51865	2061	2062	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.8	13.1	32.9
51865	52231	2062	2063	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.8	13.1	32.9
52231	52596	2063	2064	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.7	13.1	32.9
52596	52961	2064	2065	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.7	13.1	32.9
52961	53326	2065	2066	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.7	13.1	32.8
53326	53692	2066	2067	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.7	13.1	32.8

B-6(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3b) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53692	54057	2067	2068	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.7	13.1	32.8
54057	54422	2068	2069	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.7	13.1	32.8
54422	54787	2069	2070	6.3	4.2	5.1	6.6	5.3	3.0	2.2	19.7	13.1	32.8
54787	55153	2070	2071	6.3	4.2	5.1	6.6	5.3	3.0	2.2	19.7	13.1	32.7
55153	55518	2071	2072	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.1	32.7
55518	55883	2072	2073	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.1	32.7
55883	56248	2073	2074	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.1	32.7
56248	56614	2074	2075	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.1	32.7
56614	56979	2075	2076	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.0	32.6
56979	57344	2076	2077	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.0	32.6
57344	57709	2077	2078	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.0	32.6
57709	58075	2078	2079	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.0	32.6
58075	58440	2079	2080	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.0	32.6
58440	58805	2080	2081	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.6
58805	59170	2081	2082	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.5
59170	59536	2082	2083	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.5
59536	59901	2083	2084	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.5
59901	60266	2084	2085	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.5
60266	60631	2085	2086	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.5
60631	60997	2086	2087	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.5
60997	61362	2087	2088	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.4
61362	61727	2088	2089	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.4
61727	62092	2089	2090	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.4	13.0	32.4
62092	62458	2090	2091	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.4	12.9	32.4
62458	62823	2091	2092	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.4	12.9	32.4
62823	63188	2092	2093	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.4	12.9	32.4
63188	63553	2093	2094	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.4	12.9	32.3
63553	63919	2094	2095	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.4	12.9	32.3
63919	64284	2095	2096	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.4	12.9	32.3
64284	64649	2096	2097	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.4	12.9	32.3
64649	65014	2097	2098	6.2	4.2	5.1	6.5	5.2	3.0	2.2	19.4	12.9	32.3
65014	65380	2098	2099	6.2	4.2	5.0	6.5	5.2	3.0	2.2	19.4	12.9	32.3
65380	65745	2099	2100	6.2	4.2	5.0	6.5	5.2	2.9	2.2	19.3	12.9	32.2
65745	66110	2100	2101	6.2	4.2	5.0	6.5	5.2	2.9	2.2	19.3	12.9	32.2
66110	66475	2101	2102	6.2	4.2	5.0	6.5	5.2	2.9	2.2	19.3	12.9	32.2
66475	66841	2102	2103	6.2	4.2	5.0	6.5	5.2	2.9	2.2	19.3	12.9	32.2
66841	67206	2103	2104	6.2	4.2	5.0	6.5	5.1	2.9	2.2	19.3	12.9	32.2
67206	67571	2104	2105	6.2	4.2	5.0	6.5	5.1	2.9	2.2	19.3	12.9	32.2
67571	67936	2105	2106	6.2	4.2	5.0	6.5	5.1	2.9	2.2	19.3	12.9	32.2
67936	68302	2106	2107	6.2	4.2	5.0	6.5	5.1	2.9	2.1	19.3	12.9	32.1
68302	68667	2107	2108	6.2	4.2	5.0	6.5	5.1	2.9	2.1	19.3	12.9	32.1
68667	69032	2108	2109	6.2	4.2	5.0	6.5	5.1	2.9	2.1	19.3	12.8	32.1
69032	69397	2109	2110	6.2	4.2	5.0	6.5	5.1	2.9	2.1	19.3	12.8	32.1
		Salinity (mg/L)		5,000	5,000	7,000	10,000	10,000	7,000	6,000			

B-6(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3b) (highland to salt drains)



B-6(S3b). Graph of modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3b) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3653*	1920	1930	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.0***	2.7
3653	*10950*	1930	1950	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.7
10950	*14610*	1950	1960	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.7
14610	*18263*	1960	1970	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
18263	*21915*	1970	1980	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
21915	*24837*	1980	1988	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
24837	*25202*	1988	1989	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
25202	*25568*	1989	1990	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
25568	*25933*	1990	1991	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
25933	*26298*	1991	1992	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
26298	*26663*	1992	1993	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
26663	*27029*	1993	1994	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
27029	*27394*	1994	1995	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
27394	*27759*	1995	1996	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
27759	*28124*	1996	1997	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
28124	*28490*	1997	1998	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
28490	*28855*	1998	1999	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
28855	*29220*	1999	2000	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
29220	*29585*	2000	2001	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
29585	*29951*	2001	2002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	***1.7***	***0.0***	1.7
29951	*30316*	2002	2003	0.0	0.2	0.0	0.4	0.0	0.1	0.0	3.2	***3.3***	***0.6***	3.9
30316	*30681*	2003	2004	0.0	0.5	0.0	0.9	0.0	0.3	0.0	4.4	***4.7***	***1.4***	6.1
30681	*31046*	2004	2005	0.0	0.7	0.0	1.2	0.0	0.5	0.0	5.1	***5.7***	***1.9***	7.6
31046	*31412*	2005	2006	0.0	0.5	0.0	0.9	0.0	0.2	0.0	3.7	***3.9***	***1.5***	5.4
31412	*31777*	2006	2007	0.0	0.6	0.0	1.0	0.0	0.2	0.0	3.8	***4.0***	***1.6***	5.6
31777	*32142*	2007	2008	0.0	0.6	0.0	1.1	0.0	0.2	0.0	3.7	***3.9***	***1.7***	5.6
32142	*32507*	2008	2009	0.0	0.9	0.0	1.6	0.0	0.7	0.0	5.5	***6.3***	***2.5***	8.8
32507	*32872*	2009	2010	0.0	1.9	0.0	3.3	0.5	2.5	0.0	10.5	***13.5***	***5.2***	18.7
32872	*33238*	2010	2011	0.0	2.5	0.1	4.2	1.0	3.8	0.0	14.6	***19.6***	***6.8***	26.4
33238	*33603*	2011	2012	0.0	1.8	0.1	3.2	0.6	2.9	0.0	11.9	***15.5***	***5.0***	20.5
33603	*33968*	2012	2013	0.0	1.5	0.0	2.8	0.4	2.4	0.0	10.6	***13.5***	***4.3***	17.8
33968	*34333*	2013	2014	0.0	1.4	0.0	2.5	0.3	2.1	0.0	9.9	***12.3***	***3.9***	16.2
34333	*34699*	2014	2015	0.0	1.3	0.0	2.4	0.2	1.9	0.0	9.4	***11.5***	***3.7***	15.2
34699	*35064*	2015	2016	0.0	1.2	0.0	2.3	0.1	1.7	0.0	9.1	***10.9***	***3.5***	14.5
35064	*35429*	2016	2017	0.0	1.2	0.0	2.2	0.1	1.6	0.0	8.9	***10.5***	***3.4***	13.9
35429	*35794*	2017	2018	0.0	1.2	0.0	2.2	0.1	1.5	0.0	8.7	***10.2***	***3.3***	13.6
35794	*36160*	2018	2019	0.0	1.1	0.0	2.1	0.1	1.4	0.0	8.6	***10.0***	***3.2***	13.2
36160	*36525*	2019	2020	0.0	1.1	0.0	2.1	0.0	1.3	0.0	8.5	***9.8***	***3.2***	13.0
36525	*36890*	2020	2021	0.0	1.1	0.0	2.1	0.0	1.3	0.0	8.4	***9.7***	***3.1***	12.8
36890	*37255*	2021	2022	0.0	1.1	0.0	2.0	0.0	1.2	0.0	8.3	***9.5***	***3.1***	12.6
37255	*37621*	2022	2023	0.0	1.1	0.0	2.0	0.0	1.2	0.0	8.2	***9.4***	***3.1***	12.5
37621	*37986*	2023	2024	0.0	1.0	0.0	2.0	0.0	1.1	0.0	8.2	***9.3***	***3.0***	12.4
37986	*38351*	2024	2025	0.0	1.0	0.0	2.0	0.0	1.1	0.0	8.2	***9.3***	***3.0***	12.3

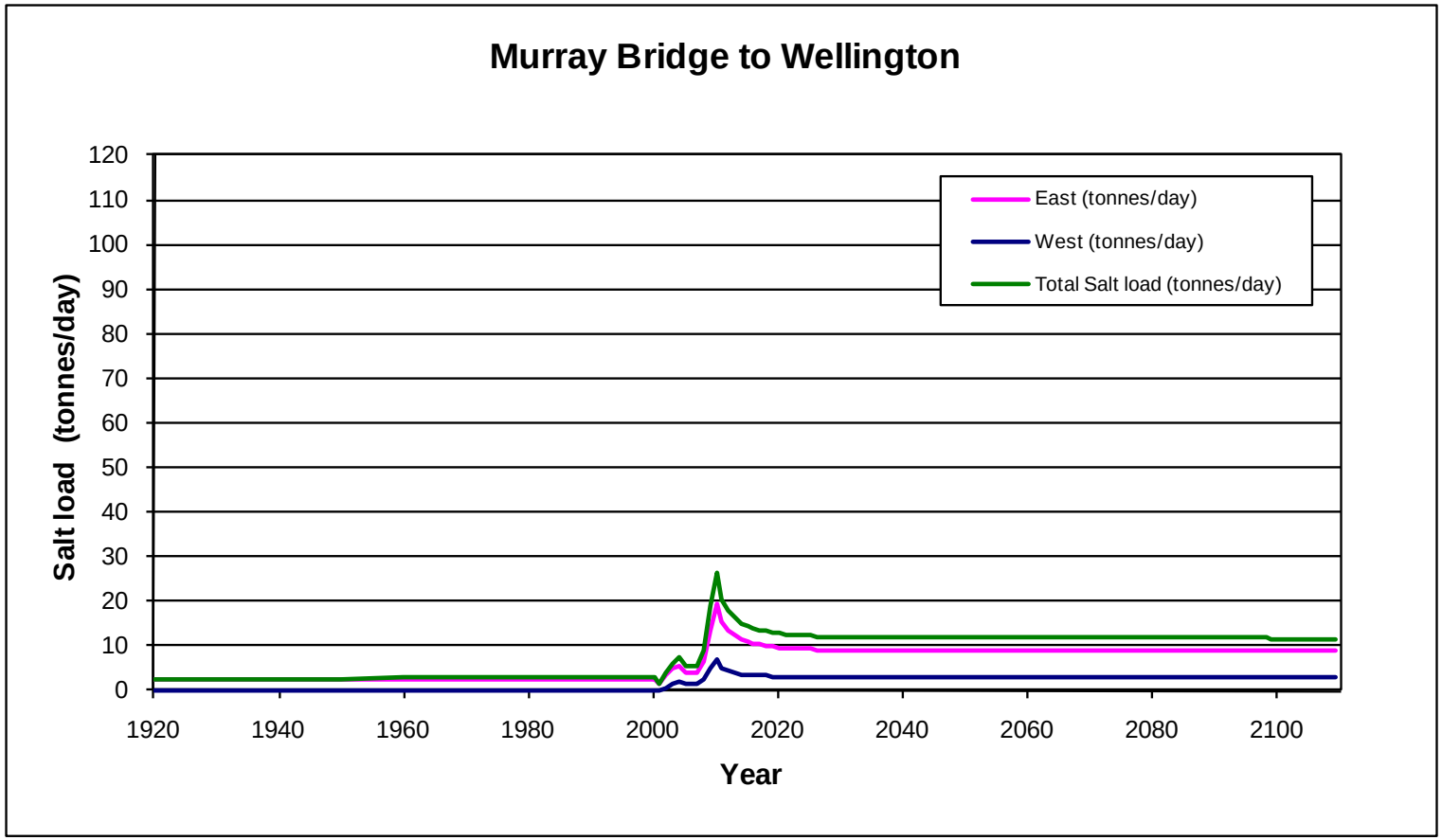
B-6(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3b) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.0	1.0	0.0	2.0	0.0	1.1	0.0	8.1	9.2	3.0	12.2
38716	39082	2026	2027	0.0	1.0	0.0	2.0	0.0	1.0	0.0	8.1	9.2	3.0	12.1
39082	39447	2027	2028	0.0	1.0	0.0	2.0	0.0	1.0	0.0	8.1	9.2	3.0	12.1
39447	39812	2028	2029	0.0	1.0	0.0	2.0	0.0	1.0	0.0	8.1	9.1	3.0	12.1
39812	40177	2029	2030	0.0	1.0	0.0	2.0	0.0	1.0	0.0	8.1	9.1	3.0	12.1
40177	40543	2030	2031	0.0	1.0	0.0	2.0	0.0	1.0	0.0	8.1	9.1	3.0	12.1
40543	40908	2031	2032	0.0	1.0	0.0	2.0	0.0	1.0	0.0	8.1	9.1	3.0	12.0
40908	41273	2032	2033	0.0	1.0	0.0	2.0	0.0	1.0	0.0	8.1	9.1	3.0	12.0
41273	41638	2033	2034	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.1	3.0	12.0
41638	42004	2034	2035	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.1	3.0	12.0
42004	42369	2035	2036	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.1	3.0	12.0
42369	42734	2036	2037	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.1	3.0	12.0
42734	43099	2037	2038	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.1	2.9	12.0
43099	43465	2038	2039	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.1	2.9	12.0
43465	43830	2039	2040	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.0	2.9	12.0
43830	44195	2040	2041	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.0	2.9	12.0
44195	44560	2041	2042	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.0	2.9	12.0
44560	44926	2042	2043	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.0	2.9	12.0
44926	45291	2043	2044	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.0	2.9	12.0
45291	45656	2044	2045	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	12.0
45656	46021	2045	2046	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	12.0
46021	46387	2046	2047	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	12.0
46387	46752	2047	2048	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
46752	47117	2048	2049	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
47117	47482	2049	2050	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
47482	47848	2050	2051	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
47848	48213	2051	2052	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
48213	48578	2052	2053	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
48578	48943	2053	2054	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
48943	49309	2054	2055	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
49309	49674	2055	2056	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
49674	50039	2056	2057	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	9.0	2.9	11.9
50039	50404	2057	2058	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	9.0	2.9	11.9
50404	50770	2058	2059	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	9.0	2.9	11.9
50770	51135	2059	2060	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	9.0	2.9	11.9
51135	51500	2060	2061	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	9.0	2.9	11.9
51500	51865	2061	2062	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	9.0	2.9	11.9
51865	52231	2062	2063	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.9
52231	52596	2063	2064	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.9
52596	52961	2064	2065	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.9
52961	53326	2065	2066	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
53326	53692	2066	2067	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8

B-6(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3b) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53692	54057	2067	2068	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
54057	54422	2068	2069	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
54422	54787	2069	2070	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
54787	55153	2070	2071	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
55153	55518	2071	2072	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
55518	55883	2072	2073	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
55883	56248	2073	2074	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
56248	56614	2074	2075	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
56614	56979	2075	2076	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
56979	57344	2076	2077	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
57344	57709	2077	2078	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
57709	58075	2078	2079	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
58075	58440	2079	2080	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
58440	58805	2080	2081	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
58805	59170	2081	2082	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
59170	59536	2082	2083	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
59536	59901	2083	2084	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
59901	60266	2084	2085	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
60266	60631	2085	2086	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
60631	60997	2086	2087	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
60997	61362	2087	2088	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.7
61362	61727	2088	2089	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.7
61727	62092	2089	2090	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.7
62092	62458	2090	2091	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.7
62458	62823	2091	2092	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.7
62823	63188	2092	2093	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
63188	63553	2093	2094	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
63553	63919	2094	2095	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
63919	64284	2095	2096	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
64284	64649	2096	2097	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
64649	65014	2097	2098	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
65014	65380	2098	2099	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
65380	65745	2099	2100	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
65745	66110	2100	2101	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
66110	66475	2101	2102	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
66475	66841	2102	2103	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
66841	67206	2103	2104	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
67206	67571	2104	2105	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
67571	67936	2105	2106	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
67936	68302	2106	2107	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
68302	68667	2107	2108	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
68667	69032	2108	2109	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
69032	69397	2109	2110	0.0	1.0	0.0	1.9	0.0	0.9	0.0	7.9	8.8	2.9	11.7
		Salinity (mg/L)		5,000	5,000	7,000	10,000	10,000	7,000	6,000	6,000			

B-6(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3b) (floodplain to river)



B-6(S3b). Graph of modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3b) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3653*	1920	1930	738	474	377	243	408	365	186	***1888***	***903***	**2791**
3653	*10950*	1930	1950	615	425	319	174	344	324	78	***1601***	***677***	**2278**
10950	*14610*	1950	1960	622	430	322	178	346	325	89	***1615***	***696***	**2311**
14610	*18263*	1960	1970	871	579	1042	932	348	324	90	***2586***	***1600***	**4186**
18263	*21915*	1970	1980	892	590	1062	999	351	324	90	***2628***	***1679***	**4307**
21915	*24837*	1980	1988	898	593	1067	1022	352	324	90	***2640***	***1705***	**4346**
24837	*25202*	1988	1989	898	594	1067	1023	352	324	90	***2641***	***1707***	**4348**
25202	*25568*	1989	1990	899	594	1067	1025	352	324	90	***2642***	***1709***	**4351**
25568	*25933*	1990	1991	899	594	1067	1025	352	324	90	***2642***	***1709***	**4351**
25933	*26298*	1991	1992	899	594	1068	1026	352	324	90	***2642***	***1711***	**4353**
26298	*26663*	1992	1993	899	594	1068	1027	352	324	90	***2643***	***1712***	**4355**
26663	*27029*	1993	1994	900	594	1068	1028	352	324	90	***2643***	***1713***	**4356**
27029	*27394*	1994	1995	900	594	1068	1029	352	324	90	***2644***	***1714***	**4358**
27394	*27759*	1995	1996	900	595	1068	1030	352	324	90	***2644***	***1715***	**4359**
27759	*28124*	1996	1997	900	595	1068	1032	352	324	90	***2645***	***1717***	**4362**
28124	*28490*	1997	1998	901	595	1069	1033	352	324	90	***2646***	***1719***	**4364**
28490	*28855*	1998	1999	901	595	1069	1035	352	324	90	***2646***	***1721***	**4367**
28855	*29220*	1999	2000	916	596	1008	980	369	335	97	***2627***	***1674***	**4300**
29220	*29585*	2000	2001	915	589	922	903	382	343	105	***2562***	***1597***	**4159**
29585	*29951*	2001	2002	784	545	824	820	336	302	76	***2246***	***1441***	**3686**
29951	*30316*	2002	2003	979	661	821	811	364	316	139	***2480***	***1610***	**4090**
30316	*30681*	2003	2004	1182	755	859	828	421	363	217	***2825***	***1799***	**4624**
30681	*31046*	2004	2005	1306	809	876	832	460	393	276	***3035***	***1917***	**4952**
31046	*31412*	2005	2006	1146	775	778	748	400	338	212	***2662***	***1735***	**4397**
31412	*31777*	2006	2007	1163	784	763	728	407	345	224	***2678***	***1737***	**4414**
31777	*32142*	2007	2008	1160	784	742	704	409	347	228	***2659***	***1716***	**4375**
32142	*32507*	2008	2009	1395	847	825	759	502	429	338	***3151***	***1945***	**5095**
32507	*32872*	2009	2010	2072	1026	1084	971	759	688	667	***4603***	***2664***	**7266**
32872	*33238*	2010	2011	2543	1147	1266	1134	948	897	901	***5654***	***3181***	**8836**
33238	*33603*	2011	2012	2101	1031	1078	978	810	727	724	***4716***	***2733***	**7450**
33603	*33968*	2012	2013	1882	978	989	905	744	646	638	***4261***	***2521***	**6781**
33968	*34333*	2013	2014	1745	947	934	858	702	597	584	***3977***	***2390***	**6367**
34333	*34699*	2014	2015	1651	927	896	826	672	563	546	***3781***	***2298***	**6079**
34699	*35064*	2015	2016	1582	911	868	801	649	539	517	***3638***	***2229***	**5867**
35064	*35429*	2016	2017	1529	899	845	781	631	521	495	***3526***	***2175***	**5701**
35429	*35794*	2017	2018	1486	890	828	764	616	507	476	***3437***	***2131***	**5568**
35794	*36160*	2018	2019	1452	883	813	750	603	496	461	***3364***	***2094***	**5458**
36160	*36525*	2019	2020	1423	876	801	738	592	486	448	***3302***	***2063***	**5365**
36525	*36890*	2020	2021	1399	871	790	728	583	478	437	***3250***	***2036***	**5286**
36890	*37255*	2021	2022	1378	866	781	719	575	471	428	***3205***	***2013***	**5218**
37255	*37621*	2022	2023	1361	863	774	711	568	465	420	***3167***	***1994***	**5161**
37621	*37986*	2023	2024	1345	859	767	704	562	459	412	***3133***	***1976***	**5109**
37986	*38351*	2024	2025	1331	856	761	698	556	454	406	***3103***	***1960***	**5063**

B-6(S3c). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3c) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	1319	854	756	693	551	450	400	3076	1947	5023
38716	39082	2026	2027	1308	852	751	687	546	446	395	3052	1934	4986
39082	39447	2027	2028	1307	851	751	687	546	446	394	3049	1932	4981
39447	39812	2028	2029	1299	850	747	683	542	443	390	3031	1923	4955
39812	40177	2029	2030	1298	850	747	683	542	442	390	3029	1922	4951
40177	40543	2030	2031	1297	849	746	682	542	442	389	3027	1921	4947
40543	40908	2031	2032	1296	849	746	682	541	442	389	3024	1919	4944
40908	41273	2032	2033	1295	849	745	681	541	441	388	3022	1918	4940
41273	41638	2033	2034	1293	849	745	681	540	441	388	3019	1917	4936
41638	42004	2034	2035	1292	848	744	680	540	441	387	3017	1916	4933
42004	42369	2035	2036	1291	848	744	680	539	440	387	3015	1914	4929
42369	42734	2036	2037	1290	848	744	679	539	440	386	3012	1913	4926
42734	43099	2037	2038	1289	848	743	679	538	439	386	3010	1912	4922
43099	43465	2038	2039	1288	848	743	678	538	439	385	3008	1911	4919
43465	43830	2039	2040	1287	847	742	678	538	439	385	3006	1910	4915
43830	44195	2040	2041	1286	847	742	677	537	438	384	3003	1908	4912
44195	44560	2041	2042	1285	847	741	677	537	438	384	3001	1907	4908
44560	44926	2042	2043	1284	847	741	676	536	438	383	2999	1906	4905
44926	45291	2043	2044	1283	847	740	676	536	437	383	2997	1905	4902
45291	45656	2044	2045	1282	846	740	675	535	437	382	2995	1904	4898
45656	46021	2045	2046	1281	846	740	675	535	437	382	2992	1903	4895
46021	46387	2046	2047	1280	846	739	674	535	436	381	2990	1902	4892
46387	46752	2047	2048	1279	846	739	674	534	436	381	2988	1901	4889
46752	47117	2048	2049	1278	846	738	673	534	436	380	2986	1899	4885
47117	47482	2049	2050	1278	845	738	673	533	435	380	2984	1898	4882
47482	47848	2050	2051	1277	845	738	673	533	435	379	2982	1897	4879
47848	48213	2051	2052	1276	845	737	672	533	435	379	2980	1896	4876
48213	48578	2052	2053	1275	845	737	672	532	434	379	2978	1895	4873
48578	48943	2053	2054	1274	845	736	671	532	434	378	2976	1894	4870
48943	49309	2054	2055	1273	845	736	671	531	434	378	2974	1893	4867
49309	49674	2055	2056	1272	844	736	670	531	433	377	2972	1892	4864
49674	50039	2056	2057	1271	844	735	670	531	433	377	2970	1891	4861
50039	50404	2057	2058	1270	844	735	670	530	433	376	2968	1890	4858
50404	50770	2058	2059	1269	844	734	669	530	432	376	2966	1889	4855
50770	51135	2059	2060	1269	844	734	669	529	432	375	2964	1888	4852
51135	51500	2060	2061	1268	844	734	668	529	432	375	2962	1887	4849
51500	51865	2061	2062	1267	843	733	668	529	431	375	2960	1886	4846
51865	52231	2062	2063	1266	843	733	668	528	431	374	2958	1885	4843
52231	52596	2063	2064	1265	843	733	667	528	431	374	2957	1884	4840
52596	52961	2064	2065	1264	843	732	667	528	431	373	2955	1883	4838
52961	53326	2065	2066	1264	843	732	666	527	430	373	2953	1882	4835
53326	53692	2066	2067	1263	843	731	666	527	430	373	2951	1881	4832

B-6(S3c). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3c) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53692	54057	2067	2068	1262	842	731	666	526	430	372	2949	1880	4829
54057	54422	2068	2069	1261	842	731	665	526	429	372	2947	1879	4826
54422	54787	2069	2070	1260	842	730	665	526	429	371	2946	1878	4824
54787	55153	2070	2071	1260	842	730	664	525	429	371	2944	1877	4821
55153	55518	2071	2072	1259	842	730	664	525	429	371	2942	1876	4818
55518	55883	2072	2073	1258	842	729	664	525	428	370	2940	1875	4816
55883	56248	2073	2074	1257	841	729	663	524	428	370	2939	1874	4813
56248	56614	2074	2075	1256	841	729	663	524	428	369	2937	1874	4810
56614	56979	2075	2076	1256	841	728	663	524	427	369	2935	1873	4808
56979	57344	2076	2077	1255	841	728	662	523	427	369	2933	1872	4805
57344	57709	2077	2078	1254	841	728	662	523	427	368	2932	1871	4803
57709	58075	2078	2079	1253	841	727	661	523	427	368	2930	1870	4800
58075	58440	2079	2080	1253	841	727	661	522	426	368	2928	1869	4798
58440	58805	2080	2081	1252	840	727	661	522	426	367	2927	1868	4795
58805	59170	2081	2082	1251	840	726	660	522	426	367	2925	1867	4792
59170	59536	2082	2083	1251	840	726	660	521	426	366	2923	1867	4790
59536	59901	2083	2084	1250	840	726	660	521	425	366	2922	1866	4787
59901	60266	2084	2085	1249	840	725	659	521	425	366	2920	1865	4785
60266	60631	2085	2086	1248	840	725	659	520	425	365	2919	1864	4783
60631	60997	2086	2087	1248	840	725	659	520	425	365	2917	1863	4780
60997	61362	2087	2088	1247	839	724	658	520	424	365	2915	1862	4778
61362	61727	2088	2089	1246	839	724	658	519	424	364	2914	1862	4775
61727	62092	2089	2090	1246	839	724	658	519	424	364	2912	1861	4773
62092	62458	2090	2091	1245	839	724	657	519	424	364	2911	1860	4771
62458	62823	2091	2092	1244	839	723	657	519	423	363	2909	1859	4768
62823	63188	2092	2093	1244	839	723	657	518	423	363	2908	1858	4766
63188	63553	2093	2094	1243	839	723	656	518	423	363	2906	1858	4764
63553	63919	2094	2095	1242	839	722	656	518	423	362	2905	1857	4761
63919	64284	2095	2096	1242	838	722	656	517	422	362	2903	1856	4759
64284	64649	2096	2097	1241	838	722	655	517	422	362	2902	1855	4757
64649	65014	2097	2098	1240	838	722	655	517	422	361	2900	1854	4755
65014	65380	2098	2099	1240	838	721	655	516	422	361	2899	1854	4752
65380	65745	2099	2100	1239	838	721	654	516	421	361	2897	1853	4750
65745	66110	2100	2101	1238	838	721	654	516	421	360	2896	1852	4748
66110	66475	2101	2102	1238	838	720	654	516	421	360	2894	1851	4746
66475	66841	2102	2103	1237	838	720	653	515	421	360	2893	1851	4743
66841	67206	2103	2104	1236	837	720	653	515	420	359	2891	1850	4741
67206	67571	2104	2105	1236	837	720	653	515	420	359	2890	1849	4739
67571	67936	2105	2106	1235	837	719	652	514	420	359	2889	1848	4737
67936	68302	2106	2107	1234	837	719	652	514	420	358	2887	1848	4735
68302	68667	2107	2108	1234	837	719	652	514	419	358	2886	1847	4733
68667	69032	2108	2109	1233	837	718	652	514	419	358	2884	1846	4731
69032	69397	2109	2110	1233	837	718	651	513	419	357	2883	1845	4728

B-6(S3c). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3c) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	3653	1920	1930	0	9	0	0	0	31	0	408	439	9	448
3653	10950	1930	1950	0	10	0	0	0	33	0	408	441	10	451
10950	14610	1950	1960	0	10	0	0	0	33	0	408	441	10	451
14610	18263	1960	1970	0	20	0	1	0	33	0	407	440	21	461
18263	21915	1970	1980	0	20	0	1	0	33	0	407	440	21	461
21915	24837	1980	1988	0	21	0	2	0	32	0	407	440	22	462
24837	25202	1988	1989	0	21	0	2	0	32	0	407	440	23	462
25202	25568	1989	1990	0	21	0	2	0	32	0	407	439	23	462
25568	25933	1990	1991	0	21	0	2	0	32	0	407	439	23	462
25933	26298	1991	1992	0	21	0	2	0	32	0	407	439	23	462
26298	26663	1992	1993	0	21	0	2	0	32	0	407	439	23	462
26663	27029	1993	1994	0	21	0	2	0	32	0	407	439	23	462
27029	27394	1994	1995	0	21	0	2	0	32	0	407	439	23	462
27394	27759	1995	1996	0	21	0	2	0	32	0	407	439	23	462
27759	28124	1996	1997	0	21	0	2	0	32	0	407	439	23	462
28124	28490	1997	1998	0	21	0	2	0	32	0	407	439	23	462
28490	28855	1998	1999	0	21	0	2	0	32	0	407	439	23	463
28855	29220	1999	2000	0	19	0	2	0	32	0	407	439	21	460
29220	29585	2000	2001	0	17	0	2	0	32	0	407	439	19	458
29585	29951	2001	2002	0	4	0	0	0	6	0	272	278	4	281
29951	30316	2002	2003	0	38	0	44	0	12	0	538	550	81	631
30316	30681	2003	2004	0	103	0	85	0	45	0	737	782	188	971
30681	31046	2004	2005	0	145	0	120	1	74	0	858	933	265	1197
31046	31412	2005	2006	0	108	0	95	0	26	0	622	649	202	851
31412	31777	2006	2007	0	120	0	104	0	30	0	628	658	224	881
31777	32142	2007	2008	0	122	0	107	0	30	0	617	648	229	876
32142	32507	2008	2009	0	189	0	156	0	104	0	922	1026	345	1372
32507	32872	2009	2010	0	387	7	326	49	352	0	1757	2165	713	2877
32872	33238	2010	2011	0	508	21	424	103	544	3	2437	3105	935	4040
33238	33603	2011	2012	0	365	8	320	58	415	0	1986	2468	685	3153
33603	33968	2012	2013	0	308	5	276	38	346	0	1772	2161	584	2745
33968	34333	2013	2014	0	278	3	252	27	301	0	1648	1980	530	2510
34333	34699	2014	2015	0	259	2	238	19	268	0	1569	1859	497	2355
34699	35064	2015	2016	0	247	1	228	14	245	0	1515	1775	474	2249
35064	35429	2016	2017	0	237	0	221	11	226	0	1476	1713	458	2172
35429	35794	2017	2018	0	231	0	216	8	211	0	1448	1667	446	2113
35794	36160	2018	2019	0	225	0	212	6	199	0	1426	1630	437	2067
36160	36525	2019	2020	0	221	0	209	4	188	0	1409	1601	429	2030
36525	36890	2020	2021	0	217	0	206	3	180	0	1395	1578	423	2001
36890	37255	2021	2022	0	214	0	204	2	173	0	1384	1559	417	1976
37255	37621	2022	2023	0	211	0	202	1	167	0	1375	1543	413	1956
37621	37986	2023	2024	0	209	0	200	0	161	0	1368	1529	409	1938
37986	38351	2024	2025	0	207	0	199	0	157	0	1362	1518	406	1924

B-6(S3c). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3c) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	0	205	0	198	0	152	0	1356	1509	403	1911
38716	39082	2026	2027	0	204	0	196	0	149	0	1352	1500	400	1900
39082	39447	2027	2028	0	203	0	196	0	148	0	1351	1499	400	1899
39447	39812	2028	2029	0	202	0	196	0	145	0	1348	1493	398	1891
39812	40177	2029	2030	0	202	0	195	0	145	0	1348	1492	397	1890
40177	40543	2030	2031	0	202	0	195	0	144	0	1347	1492	397	1889
40543	40908	2031	2032	0	202	0	195	0	144	0	1347	1491	397	1888
40908	41273	2032	2033	0	202	0	195	0	144	0	1346	1490	397	1887
41273	41638	2033	2034	0	201	0	195	0	143	0	1346	1489	396	1886
41638	42004	2034	2035	0	201	0	195	0	143	0	1345	1488	396	1885
42004	42369	2035	2036	0	201	0	195	0	143	0	1345	1488	396	1884
42369	42734	2036	2037	0	201	0	195	0	142	0	1345	1487	396	1883
42734	43099	2037	2038	0	201	0	195	0	142	0	1344	1486	395	1882
43099	43465	2038	2039	0	201	0	194	0	142	0	1344	1485	395	1881
43465	43830	2039	2040	0	201	0	194	0	141	0	1344	1485	395	1880
43830	44195	2040	2041	0	200	0	194	0	141	0	1343	1484	395	1879
44195	44560	2041	2042	0	200	0	194	0	140	0	1343	1483	395	1878
44560	44926	2042	2043	0	200	0	194	0	140	0	1342	1482	394	1877
44926	45291	2043	2044	0	200	0	194	0	140	0	1342	1482	394	1876
45291	45656	2044	2045	0	200	0	194	0	139	0	1342	1481	394	1875
45656	46021	2045	2046	0	200	0	194	0	139	0	1341	1480	394	1874
46021	46387	2046	2047	0	200	0	194	0	139	0	1341	1480	393	1873
46387	46752	2047	2048	0	200	0	194	0	138	0	1341	1479	393	1872
46752	47117	2048	2049	0	199	0	194	0	138	0	1340	1478	393	1871
47117	47482	2049	2050	0	199	0	193	0	138	0	1340	1478	393	1870
47482	47848	2050	2051	0	199	0	193	0	137	0	1340	1477	393	1870
47848	48213	2051	2052	0	199	0	193	0	137	0	1339	1476	392	1869
48213	48578	2052	2053	0	199	0	193	0	137	0	1339	1476	392	1868
48578	48943	2053	2054	0	199	0	193	0	136	0	1339	1475	392	1867
48943	49309	2054	2055	0	199	0	193	0	136	0	1338	1474	392	1866
49309	49674	2055	2056	0	199	0	193	0	136	0	1338	1474	392	1865
49674	50039	2056	2057	0	199	0	193	0	136	0	1338	1473	391	1864
50039	50404	2057	2058	0	198	0	193	0	135	0	1337	1473	391	1864
50404	50770	2058	2059	0	198	0	193	0	135	0	1337	1472	391	1863
50770	51135	2059	2060	0	198	0	193	0	135	0	1337	1471	391	1862
51135	51500	2060	2061	0	198	0	193	0	134	0	1336	1471	391	1861
51500	51865	2061	2062	0	198	0	192	0	134	0	1336	1470	390	1861
51865	52231	2062	2063	0	198	0	192	0	134	0	1336	1470	390	1860
52231	52596	2063	2064	0	198	0	192	0	133	0	1336	1469	390	1859
52596	52961	2064	2065	0	198	0	192	0	133	0	1335	1468	390	1858
52961	53326	2065	2066	0	198	0	192	0	133	0	1335	1468	390	1857
53326	53692	2066	2067	0	197	0	192	0	133	0	1335	1467	389	1857

B-6(S3c). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3c) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53692	54057	2067	2068	0	197	0	192	0	132	0	1334	1467	389	1856
54057	54422	2068	2069	0	197	0	192	0	132	0	1334	1466	389	1855
54422	54787	2069	2070	0	197	0	192	0	132	0	1334	1466	389	1854
54787	55153	2070	2071	0	197	0	192	0	131	0	1334	1465	389	1854
55153	55518	2071	2072	0	197	0	192	0	131	0	1333	1464	389	1853
55518	55883	2072	2073	0	197	0	192	0	131	0	1333	1464	388	1852
55883	56248	2073	2074	0	197	0	192	0	131	0	1333	1463	388	1852
56248	56614	2074	2075	0	197	0	191	0	130	0	1333	1463	388	1851
56614	56979	2075	2076	0	197	0	191	0	130	0	1332	1462	388	1850
56979	57344	2076	2077	0	196	0	191	0	130	0	1332	1462	388	1850
57344	57709	2077	2078	0	196	0	191	0	130	0	1332	1461	388	1849
57709	58075	2078	2079	0	196	0	191	0	129	0	1332	1461	387	1848
58075	58440	2079	2080	0	196	0	191	0	129	0	1331	1460	387	1848
58440	58805	2080	2081	0	196	0	191	0	129	0	1331	1460	387	1847
58805	59170	2081	2082	0	196	0	191	0	129	0	1331	1459	387	1846
59170	59536	2082	2083	0	196	0	191	0	128	0	1331	1459	387	1846
59536	59901	2083	2084	0	196	0	191	0	128	0	1330	1458	387	1845
59901	60266	2084	2085	0	196	0	191	0	128	0	1330	1458	386	1844
60266	60631	2085	2086	0	196	0	191	0	128	0	1330	1457	386	1844
60631	60997	2086	2087	0	196	0	191	0	127	0	1330	1457	386	1843
60997	61362	2087	2088	0	195	0	191	0	127	0	1329	1456	386	1842
61362	61727	2088	2089	0	195	0	190	0	127	0	1329	1456	386	1842
61727	62092	2089	2090	0	195	0	190	0	127	0	1329	1455	386	1841
62092	62458	2090	2091	0	195	0	190	0	126	0	1329	1455	386	1841
62458	62823	2091	2092	0	195	0	190	0	126	0	1329	1455	385	1840
62823	63188	2092	2093	0	195	0	190	0	126	0	1328	1454	385	1839
63188	63553	2093	2094	0	195	0	190	0	126	0	1328	1454	385	1839
63553	63919	2094	2095	0	195	0	190	0	125	0	1328	1453	385	1838
63919	64284	2095	2096	0	195	0	190	0	125	0	1328	1453	385	1838
64284	64649	2096	2097	0	195	0	190	0	125	0	1327	1452	385	1837
64649	65014	2097	2098	0	195	0	190	0	125	0	1327	1452	385	1836
65014	65380	2098	2099	0	195	0	190	0	124	0	1327	1451	384	1836
65380	65745	2099	2100	0	194	0	190	0	124	0	1327	1451	384	1835
65745	66110	2100	2101	0	194	0	190	0	124	0	1327	1451	384	1835
66110	66475	2101	2102	0	194	0	190	0	124	0	1326	1450	384	1834
66475	66841	2102	2103	0	194	0	190	0	124	0	1326	1450	384	1834
66841	67206	2103	2104	0	194	0	190	0	123	0	1326	1449	384	1833
67206	67571	2104	2105	0	194	0	189	0	123	0	1326	1449	384	1833
67571	67936	2105	2106	0	194	0	189	0	123	0	1326	1449	383	1832
67936	68302	2106	2107	0	194	0	189	0	123	0	1326	1448	383	1831
68302	68667	2107	2108	0	194	0	189	0	122	0	1325	1448	383	1831
68667	69032	2108	2109	0	194	0	189	0	122	0	1325	1447	383	1830
69032	69397	2109	2110	0	194	0	189	0	122	0	1325	1447	383	1830

B-6(S3c). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3c) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	3653	1920	1930	3.7	2.4	2.6	2.4	4.1	2.6	1.1	13.0	5.9	18.9
3653	10950	1930	1950	3.1	2.1	2.2	1.7	3.4	2.3	0.5	11.0	4.3	15.3
10950	14610	1950	1960	3.1	2.1	2.3	1.8	3.5	2.3	0.5	11.1	4.5	15.6
14610	18263	1960	1970	4.4	2.9	7.3	9.3	3.5	2.3	0.5	17.4	12.8	30.2
18263	21915	1970	1980	4.5	3.0	7.4	10.0	3.5	2.3	0.5	17.7	13.5	31.1
21915	24837	1980	1988	4.5	3.0	7.5	10.2	3.5	2.3	0.5	17.7	13.7	31.5
24837	25202	1988	1989	4.5	3.0	7.5	10.2	3.5	2.3	0.5	17.7	13.7	31.5
25202	25568	1989	1990	4.5	3.0	7.5	10.2	3.5	2.3	0.5	17.8	13.8	31.5
25568	25933	1990	1991	4.5	3.0	7.5	10.2	3.5	2.3	0.5	17.8	13.8	31.5
25933	26298	1991	1992	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.8	31.5
26298	26663	1992	1993	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.8	31.5
26663	27029	1993	1994	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.8	31.6
27029	27394	1994	1995	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.8	31.6
27394	27759	1995	1996	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.8	31.6
27759	28124	1996	1997	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.8	31.6
28124	28490	1997	1998	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.9	31.6
28490	28855	1998	1999	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.9	31.6
28855	29220	1999	2000	4.6	3.0	7.1	9.8	3.7	2.3	0.6	17.7	13.4	31.0
29220	29585	2000	2001	4.6	2.9	6.5	9.0	3.8	2.4	0.6	17.3	12.6	29.9
29585	29951	2001	2002	3.9	2.7	5.8	8.2	3.4	2.1	0.5	15.2	11.4	26.5
29951	30316	2002	2003	4.9	3.3	5.7	8.1	3.6	2.2	0.8	16.5	12.2	28.7
30316	30681	2003	2004	5.9	3.8	6.0	8.3	4.2	2.5	1.3	18.7	13.4	32.0
30681	31046	2004	2005	6.5	4.0	6.1	8.3	4.6	2.8	1.7	20.0	14.0	34.0
31046	31412	2005	2006	5.7	3.9	5.4	7.5	4.0	2.4	1.3	17.5	12.6	30.2
31412	31777	2006	2007	5.8	3.9	5.3	7.3	4.1	2.4	1.3	17.6	12.5	30.2
31777	32142	2007	2008	5.8	3.9	5.2	7.0	4.1	2.4	1.4	17.5	12.3	29.8
32142	32507	2008	2009	7.0	4.2	5.8	7.6	5.0	3.0	2.0	20.8	13.9	34.6
32507	32872	2009	2010	10.4	5.1	7.6	9.7	7.6	4.8	4.0	30.4	18.8	49.2
32872	33238	2010	2011	12.7	5.7	8.9	11.3	9.5	6.3	5.4	37.3	22.5	59.8
33238	33603	2011	2012	10.5	5.2	7.5	9.8	8.1	5.1	4.3	31.2	19.3	50.5
33603	33968	2012	2013	9.4	4.9	6.9	9.0	7.4	4.5	3.8	28.3	17.8	46.1
33968	34333	2013	2014	8.7	4.7	6.5	8.6	7.0	4.2	3.5	26.5	16.8	43.3
34333	34699	2014	2015	8.3	4.6	6.3	8.3	6.7	3.9	3.3	25.2	16.2	41.3
34699	35064	2015	2016	7.9	4.6	6.1	8.0	6.5	3.8	3.1	24.2	15.7	39.9
35064	35429	2016	2017	7.6	4.5	5.9	7.8	6.3	3.6	3.0	23.5	15.3	38.8
35429	35794	2017	2018	7.4	4.5	5.8	7.6	6.2	3.5	2.9	22.9	15.0	37.9
35794	36160	2018	2019	7.3	4.4	5.7	7.5	6.0	3.5	2.8	22.5	14.7	37.1
36160	36525	2019	2020	7.1	4.4	5.6	7.4	5.9	3.4	2.7	22.0	14.5	36.5
36525	36890	2020	2021	7.0	4.4	5.5	7.3	5.8	3.3	2.6	21.7	14.3	36.0
36890	37255	2021	2022	6.9	4.3	5.5	7.2	5.7	3.3	2.6	21.4	14.1	35.5
37255	37621	2022	2023	6.8	4.3	5.4	7.1	5.7	3.3	2.5	21.2	13.9	35.1
37621	37986	2023	2024	6.7	4.3	5.4	7.0	5.6	3.2	2.5	20.9	13.8	34.7
37986	38351	2024	2025	6.7	4.3	5.3	7.0	5.6	3.2	2.4	20.7	13.7	34.4

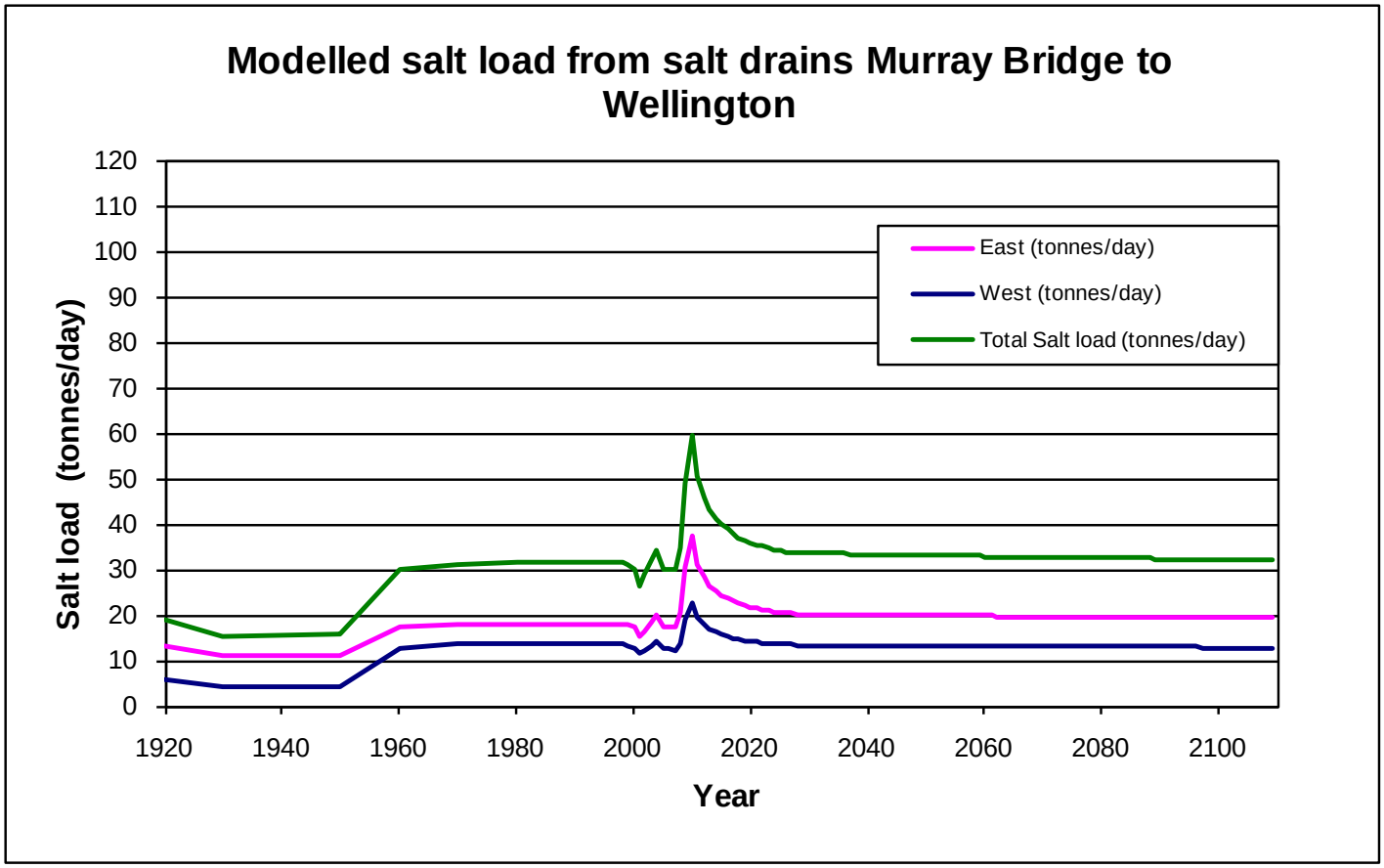
B-6(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3c) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	6.6	4.3	5.3	6.9	5.5	3.2	2.4	20.5	13.6	34.1
38716	39082	2026	2027	6.5	4.3	5.3	6.9	5.5	3.1	2.4	20.4	13.5	33.9
39082	39447	2027	2028	6.5	4.3	5.3	6.9	5.5	3.1	2.4	20.4	13.5	33.9
39447	39812	2028	2029	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.2	13.4	33.7
39812	40177	2029	2030	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.2	13.4	33.6
40177	40543	2030	2031	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.2	13.4	33.6
40543	40908	2031	2032	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.2	13.4	33.6
40908	41273	2032	2033	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.2	13.4	33.6
41273	41638	2033	2034	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.2	13.4	33.5
41638	42004	2034	2035	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.2	13.4	33.5
42004	42369	2035	2036	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.1	13.4	33.5
42369	42734	2036	2037	6.5	4.2	5.2	6.8	5.4	3.1	2.3	20.1	13.3	33.5
42734	43099	2037	2038	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.1	13.3	33.4
43099	43465	2038	2039	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.1	13.3	33.4
43465	43830	2039	2040	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.1	13.3	33.4
43830	44195	2040	2041	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.1	13.3	33.4
44195	44560	2041	2042	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.0	13.3	33.4
44560	44926	2042	2043	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.0	13.3	33.3
44926	45291	2043	2044	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.0	13.3	33.3
45291	45656	2044	2045	6.4	4.2	5.2	6.8	5.4	3.1	2.3	20.0	13.3	33.3
45656	46021	2045	2046	6.4	4.2	5.2	6.7	5.3	3.1	2.3	20.0	13.3	33.3
46021	46387	2046	2047	6.4	4.2	5.2	6.7	5.3	3.1	2.3	20.0	13.3	33.2
46387	46752	2047	2048	6.4	4.2	5.2	6.7	5.3	3.1	2.3	20.0	13.3	33.2
46752	47117	2048	2049	6.4	4.2	5.2	6.7	5.3	3.0	2.3	19.9	13.2	33.2
47117	47482	2049	2050	6.4	4.2	5.2	6.7	5.3	3.0	2.3	19.9	13.2	33.2
47482	47848	2050	2051	6.4	4.2	5.2	6.7	5.3	3.0	2.3	19.9	13.2	33.1
47848	48213	2051	2052	6.4	4.2	5.2	6.7	5.3	3.0	2.3	19.9	13.2	33.1
48213	48578	2052	2053	6.4	4.2	5.2	6.7	5.3	3.0	2.3	19.9	13.2	33.1
48578	48943	2053	2054	6.4	4.2	5.2	6.7	5.3	3.0	2.3	19.9	13.2	33.1
48943	49309	2054	2055	6.4	4.2	5.2	6.7	5.3	3.0	2.3	19.9	13.2	33.1
49309	49674	2055	2056	6.4	4.2	5.1	6.7	5.3	3.0	2.3	19.9	13.2	33.0
49674	50039	2056	2057	6.4	4.2	5.1	6.7	5.3	3.0	2.3	19.8	13.2	33.0
50039	50404	2057	2058	6.4	4.2	5.1	6.7	5.3	3.0	2.3	19.8	13.2	33.0
50404	50770	2058	2059	6.3	4.2	5.1	6.7	5.3	3.0	2.3	19.8	13.2	33.0
50770	51135	2059	2060	6.3	4.2	5.1	6.7	5.3	3.0	2.3	19.8	13.2	33.0
51135	51500	2060	2061	6.3	4.2	5.1	6.7	5.3	3.0	2.3	19.8	13.2	32.9
51500	51865	2061	2062	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.8	13.1	32.9
51865	52231	2062	2063	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.8	13.1	32.9
52231	52596	2063	2064	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.7	13.1	32.9
52596	52961	2064	2065	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.7	13.1	32.9
52961	53326	2065	2066	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.7	13.1	32.8
53326	53692	2066	2067	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.7	13.1	32.8

B-6(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3c) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53692	54057	2067	2068	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.7	13.1	32.8
54057	54422	2068	2069	6.3	4.2	5.1	6.7	5.3	3.0	2.2	19.7	13.1	32.8
54422	54787	2069	2070	6.3	4.2	5.1	6.6	5.3	3.0	2.2	19.7	13.1	32.8
54787	55153	2070	2071	6.3	4.2	5.1	6.6	5.3	3.0	2.2	19.7	13.1	32.7
55153	55518	2071	2072	6.3	4.2	5.1	6.6	5.3	3.0	2.2	19.7	13.1	32.7
55518	55883	2072	2073	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.1	32.7
55883	56248	2073	2074	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.1	32.7
56248	56614	2074	2075	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.1	32.7
56614	56979	2075	2076	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.0	32.7
56979	57344	2076	2077	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.0	32.6
57344	57709	2077	2078	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.0	32.6
57709	58075	2078	2079	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.0	32.6
58075	58440	2079	2080	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.6	13.0	32.6
58440	58805	2080	2081	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.6
58805	59170	2081	2082	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.5
59170	59536	2082	2083	6.3	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.5
59536	59901	2083	2084	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.5
59901	60266	2084	2085	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.5
60266	60631	2085	2086	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.5
60631	60997	2086	2087	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.5
60997	61362	2087	2088	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.4
61362	61727	2088	2089	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.4
61727	62092	2089	2090	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.5	13.0	32.4
62092	62458	2090	2091	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.4	12.9	32.4
62458	62823	2091	2092	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.4	12.9	32.4
62823	63188	2092	2093	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.4	12.9	32.4
63188	63553	2093	2094	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.4	12.9	32.3
63553	63919	2094	2095	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.4	12.9	32.3
63919	64284	2095	2096	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.4	12.9	32.3
64284	64649	2096	2097	6.2	4.2	5.1	6.6	5.2	3.0	2.2	19.4	12.9	32.3
64649	65014	2097	2098	6.2	4.2	5.1	6.5	5.2	3.0	2.2	19.4	12.9	32.3
65014	65380	2098	2099	6.2	4.2	5.0	6.5	5.2	3.0	2.2	19.4	12.9	32.3
65380	65745	2099	2100	6.2	4.2	5.0	6.5	5.2	2.9	2.2	19.4	12.9	32.2
65745	66110	2100	2101	6.2	4.2	5.0	6.5	5.2	2.9	2.2	19.3	12.9	32.2
66110	66475	2101	2102	6.2	4.2	5.0	6.5	5.2	2.9	2.2	19.3	12.9	32.2
66475	66841	2102	2103	6.2	4.2	5.0	6.5	5.2	2.9	2.2	19.3	12.9	32.2
66841	67206	2103	2104	6.2	4.2	5.0	6.5	5.1	2.9	2.2	19.3	12.9	32.2
67206	67571	2104	2105	6.2	4.2	5.0	6.5	5.1	2.9	2.2	19.3	12.9	32.2
67571	67936	2105	2106	6.2	4.2	5.0	6.5	5.1	2.9	2.2	19.3	12.9	32.2
67936	68302	2106	2107	6.2	4.2	5.0	6.5	5.1	2.9	2.2	19.3	12.9	32.1
68302	68667	2107	2108	6.2	4.2	5.0	6.5	5.1	2.9	2.1	19.3	12.9	32.1
68667	69032	2108	2109	6.2	4.2	5.0	6.5	5.1	2.9	2.1	19.3	12.8	32.1
69032	69397	2109	2110	6.2	4.2	5.0	6.5	5.1	2.9	2.1	19.3	12.8	32.1
		Salinity (mg/L)		5,000	5,000	7,000	10,000	10,000	7,000	6,000			

B-6(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3c) (highland to salt drains)



B-6(S3c). Graph of modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3c) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	3653	1920	1930	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.4	2.7	0.0	2.7
3653	10950	1930	1950	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.4	2.7	0.1	2.7
10950	14610	1950	1960	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.4	2.7	0.1	2.7
14610	18263	1960	1970	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.7	0.1	2.8
18263	21915	1970	1980	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.7	0.1	2.8
21915	24837	1980	1988	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.7	0.1	2.8
24837	25202	1988	1989	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.7	0.1	2.8
25202	25568	1989	1990	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.7	0.1	2.8
25568	25933	1990	1991	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.7	0.1	2.8
25933	26298	1991	1992	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.7	0.1	2.8
26298	26663	1992	1993	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.7	0.1	2.8
26663	27029	1993	1994	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.7	0.1	2.8
27029	27394	1994	1995	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.7	0.1	2.8
27394	27759	1995	1996	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.7	0.1	2.8
27759	28124	1996	1997	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.7	0.1	2.8
28124	28490	1997	1998	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.7	0.1	2.8
28490	28855	1998	1999	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.7	0.1	2.8
28855	29220	1999	2000	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.7	0.1	2.8
29220	29585	2000	2001	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.7	0.1	2.8
29585	29951	2001	2002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.7	0.0	1.7
29951	30316	2002	2003	0.0	0.2	0.0	0.4	0.0	0.1	0.0	3.2	3.3	0.6	3.9
30316	30681	2003	2004	0.0	0.5	0.0	0.9	0.0	0.3	0.0	4.4	4.7	1.4	6.1
30681	31046	2004	2005	0.0	0.7	0.0	1.2	0.0	0.5	0.0	5.1	5.7	1.9	7.6
31046	31412	2005	2006	0.0	0.5	0.0	0.9	0.0	0.2	0.0	3.7	3.9	1.5	5.4
31412	31777	2006	2007	0.0	0.6	0.0	1.0	0.0	0.2	0.0	3.8	4.0	1.6	5.6
31777	32142	2007	2008	0.0	0.6	0.0	1.1	0.0	0.2	0.0	3.7	3.9	1.7	5.6
32142	32507	2008	2009	0.0	0.9	0.0	1.6	0.0	0.7	0.0	5.5	6.3	2.5	8.8
32507	32872	2009	2010	0.0	1.9	0.0	3.3	0.5	2.5	0.0	10.5	13.5	5.2	18.7
32872	33238	2010	2011	0.0	2.5	0.1	4.2	1.0	3.8	0.0	14.6	19.6	6.8	26.4
33238	33603	2011	2012	0.0	1.8	0.1	3.2	0.6	2.9	0.0	11.9	15.5	5.0	20.5
33603	33968	2012	2013	0.0	1.5	0.0	2.8	0.4	2.4	0.0	10.6	13.5	4.3	17.8
33968	34333	2013	2014	0.0	1.4	0.0	2.5	0.3	2.1	0.0	9.9	12.3	3.9	16.2
34333	34699	2014	2015	0.0	1.3	0.0	2.4	0.2	1.9	0.0	9.4	11.5	3.7	15.2
34699	35064	2015	2016	0.0	1.2	0.0	2.3	0.1	1.7	0.0	9.1	11.0	3.5	14.5
35064	35429	2016	2017	0.0	1.2	0.0	2.2	0.1	1.6	0.0	8.9	10.5	3.4	13.9
35429	35794	2017	2018	0.0	1.2	0.0	2.2	0.1	1.5	0.0	8.7	10.2	3.3	13.6
35794	36160	2018	2019	0.0	1.1	0.0	2.1	0.1	1.4	0.0	8.6	10.0	3.2	13.2
36160	36525	2019	2020	0.0	1.1	0.0	2.1	0.0	1.3	0.0	8.5	9.8	3.2	13.0
36525	36890	2020	2021	0.0	1.1	0.0	2.1	0.0	1.3	0.0	8.4	9.7	3.1	12.8
36890	37255	2021	2022	0.0	1.1	0.0	2.0	0.0	1.2	0.0	8.3	9.5	3.1	12.6
37255	37621	2022	2023	0.0	1.1	0.0	2.0	0.0	1.2	0.0	8.3	9.4	3.1	12.5
37621	37986	2023	2024	0.0	1.0	0.0	2.0	0.0	1.1	0.0	8.2	9.3	3.0	12.4
37986	38351	2024	2025	0.0	1.0	0.0	2.0	0.0	1.1	0.0	8.2	9.3	3.0	12.3

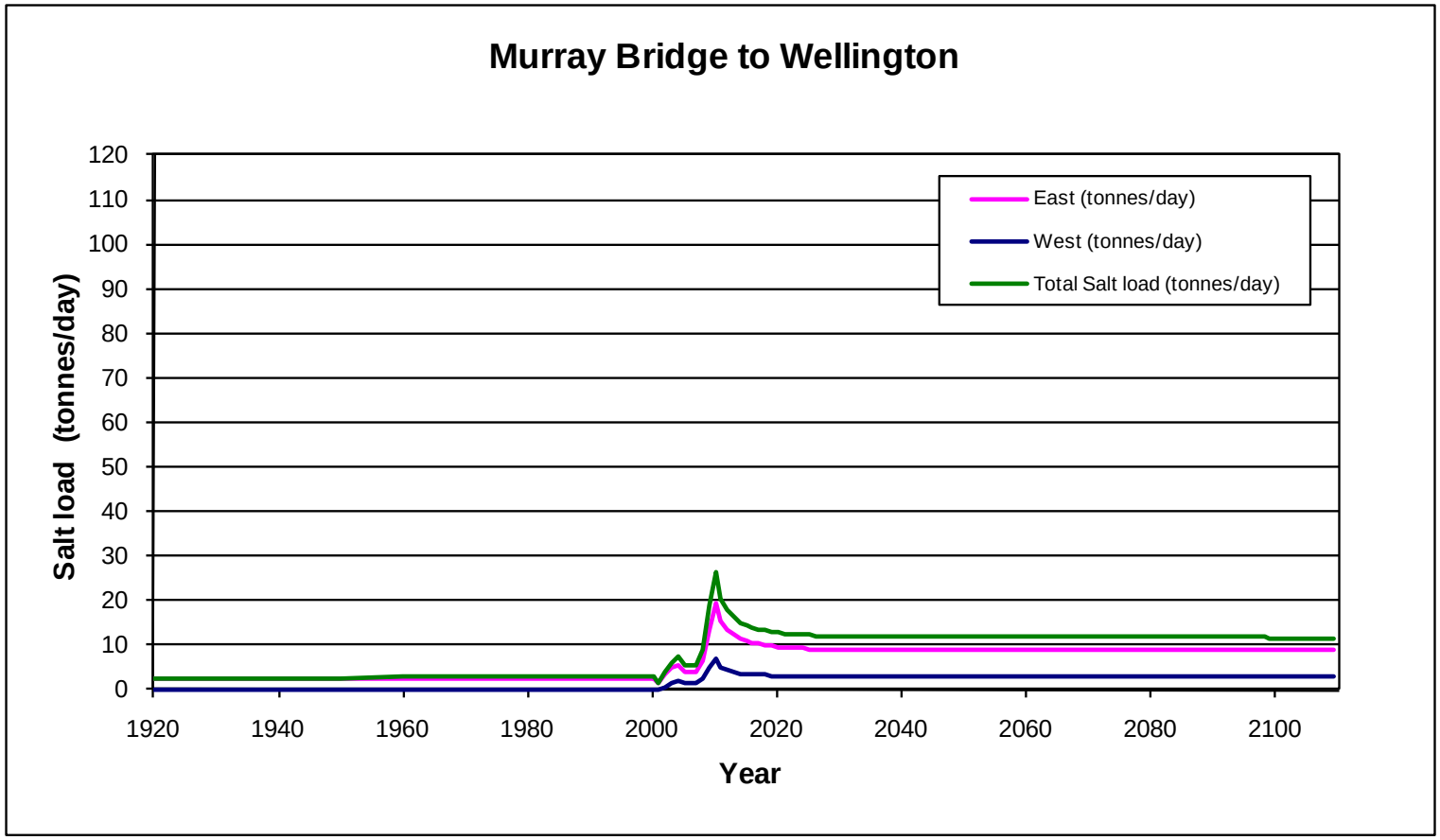
B-6(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3c) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.0	1.0	0.0	2.0	0.0	1.1	0.0	8.1	9.2	3.0	12.2
38716	39082	2026	2027	0.0	1.0	0.0	2.0	0.0	1.0	0.0	8.1	9.1	3.0	12.1
39082	39447	2027	2028	0.0	1.0	0.0	2.0	0.0	1.0	0.0	8.1	9.1	3.0	12.1
39447	39812	2028	2029	0.0	1.0	0.0	2.0	0.0	1.0	0.0	8.1	9.1	3.0	12.1
39812	40177	2029	2030	0.0	1.0	0.0	2.0	0.0	1.0	0.0	8.1	9.1	3.0	12.1
40177	40543	2030	2031	0.0	1.0	0.0	2.0	0.0	1.0	0.0	8.1	9.1	3.0	12.1
40543	40908	2031	2032	0.0	1.0	0.0	2.0	0.0	1.0	0.0	8.1	9.1	3.0	12.0
40908	41273	2032	2033	0.0	1.0	0.0	2.0	0.0	1.0	0.0	8.1	9.1	3.0	12.0
41273	41638	2033	2034	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.1	3.0	12.0
41638	42004	2034	2035	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.1	3.0	12.0
42004	42369	2035	2036	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.1	3.0	12.0
42369	42734	2036	2037	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.1	3.0	12.0
42734	43099	2037	2038	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.1	3.0	12.0
43099	43465	2038	2039	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.1	2.9	12.0
43465	43830	2039	2040	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.0	2.9	12.0
43830	44195	2040	2041	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.0	2.9	12.0
44195	44560	2041	2042	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.0	2.9	12.0
44560	44926	2042	2043	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.0	2.9	12.0
44926	45291	2043	2044	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.1	9.0	2.9	12.0
45291	45656	2044	2045	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	12.0
45656	46021	2045	2046	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	12.0
46021	46387	2046	2047	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	12.0
46387	46752	2047	2048	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
46752	47117	2048	2049	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
47117	47482	2049	2050	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
47482	47848	2050	2051	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
47848	48213	2051	2052	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
48213	48578	2052	2053	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
48578	48943	2053	2054	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
48943	49309	2054	2055	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
49309	49674	2055	2056	0.0	1.0	0.0	1.9	0.0	1.0	0.0	8.0	9.0	2.9	11.9
49674	50039	2056	2057	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	9.0	2.9	11.9
50039	50404	2057	2058	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	9.0	2.9	11.9
50404	50770	2058	2059	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	9.0	2.9	11.9
50770	51135	2059	2060	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	9.0	2.9	11.9
51135	51500	2060	2061	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	9.0	2.9	11.9
51500	51865	2061	2062	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	9.0	2.9	11.9
51865	52231	2062	2063	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	9.0	2.9	11.9
52231	52596	2063	2064	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.9
52596	52961	2064	2065	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.9
52961	53326	2065	2066	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
53326	53692	2066	2067	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8

B-6(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3c) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53692	54057	2067	2068	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
54057	54422	2068	2069	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
54422	54787	2069	2070	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
54787	55153	2070	2071	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
55153	55518	2071	2072	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
55518	55883	2072	2073	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
55883	56248	2073	2074	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
56248	56614	2074	2075	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
56614	56979	2075	2076	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
56979	57344	2076	2077	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
57344	57709	2077	2078	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
57709	58075	2078	2079	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
58075	58440	2079	2080	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
58440	58805	2080	2081	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
58805	59170	2081	2082	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
59170	59536	2082	2083	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
59536	59901	2083	2084	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
59901	60266	2084	2085	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
60266	60631	2085	2086	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
60631	60997	2086	2087	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.8
60997	61362	2087	2088	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.7
61362	61727	2088	2089	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.7
61727	62092	2089	2090	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.7
62092	62458	2090	2091	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.7
62458	62823	2091	2092	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.7
62823	63188	2092	2093	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.9	2.9	11.7
63188	63553	2093	2094	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
63553	63919	2094	2095	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
63919	64284	2095	2096	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
64284	64649	2096	2097	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
64649	65014	2097	2098	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
65014	65380	2098	2099	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
65380	65745	2099	2100	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
65745	66110	2100	2101	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
66110	66475	2101	2102	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
66475	66841	2102	2103	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
66841	67206	2103	2104	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
67206	67571	2104	2105	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
67571	67936	2105	2106	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
67936	68302	2106	2107	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
68302	68667	2107	2108	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
68667	69032	2108	2109	0.0	1.0	0.0	1.9	0.0	0.9	0.0	8.0	8.8	2.9	11.7
69032	69397	2109	2110	0.0	1.0	0.0	1.9	0.0	0.9	0.0	7.9	8.8	2.9	11.7
		Salinity (mg/L)		5,000	5,000	7,000	10,000	10,000	7,000	6,000	6,000			

B-6(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3c) (floodplain to river)



B-6(S3c). Graph of modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3c) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3653*	1920	1930	738	474	377	243	408	365	186	*1888*	*903*	2791
3653	*10950*	1930	1950	615	425	319	174	344	324	78	*1601*	*677*	2278
10950	*14610*	1950	1960	622	430	322	178	346	325	89	*1615*	*696*	2311
14610	*18263*	1960	1970	871	579	1042	932	348	324	90	*2586*	*1600*	4186
18263	*21915*	1970	1980	892	590	1062	999	351	324	90	*2628*	*1679*	4307
21915	*24837*	1980	1988	898	593	1067	1022	352	324	90	*2640*	*1705*	4346
24837	*25202*	1988	1989	898	594	1067	1023	352	324	90	*2641*	*1707*	4348
25202	*25568*	1989	1990	899	594	1067	1025	352	324	90	*2642*	*1709*	4351
25568	*25933*	1990	1991	899	594	1067	1025	352	324	90	*2642*	*1709*	4351
25933	*26298*	1991	1992	899	594	1068	1026	352	324	90	*2642*	*1711*	4353
26298	*26663*	1992	1993	899	594	1068	1027	352	324	90	*2643*	*1712*	4355
26663	*27029*	1993	1994	900	594	1068	1028	352	324	90	*2643*	*1713*	4356
27029	*27394*	1994	1995	900	594	1068	1029	352	324	90	*2644*	*1714*	4358
27394	*27759*	1995	1996	900	595	1068	1030	352	324	90	*2644*	*1715*	4359
27759	*28124*	1996	1997	900	595	1068	1032	352	324	90	*2645*	*1717*	4362
28124	*28490*	1997	1998	901	595	1069	1033	352	324	90	*2646*	*1719*	4364
28490	*28855*	1998	1999	901	595	1069	1035	352	324	90	*2646*	*1721*	4367
28855	*29220*	1999	2000	916	596	1008	980	369	335	97	*2627*	*1674*	4300
29220	*29585*	2000	2001	915	589	922	903	382	343	105	*2562*	*1597*	4159
29585	*29951*	2001	2002	784	545	824	820	336	302	76	*2246*	*1441*	3686
29951	*30316*	2002	2003	979	661	821	811	364	316	139	*2480*	*1610*	4090
30316	*30681*	2003	2004	1182	755	859	828	421	363	217	*2825*	*1799*	4624
30681	*31046*	2004	2005	1306	809	876	832	460	393	276	*3035*	*1917*	4952
31046	*31412*	2005	2006	1146	775	778	748	400	338	212	*2662*	*1735*	4397
31412	*31777*	2006	2007	1163	784	763	728	407	345	224	*2678*	*1737*	4414
31777	*32142*	2007	2008	1160	784	742	704	409	347	228	*2659*	*1716*	4375
32142	*32507*	2008	2009	1395	847	825	759	502	429	338	*3151*	*1945*	5095
32507	*32872*	2009	2010	2072	1026	1084	971	759	688	667	*4603*	*2664*	7266
32872	*33238*	2010	2011	2543	1147	1266	1134	948	897	901	*5654*	*3181*	8836
33238	*33603*	2011	2012	2101	1031	1078	978	810	727	724	*4716*	*2733*	7450
33603	*33968*	2012	2013	1882	978	989	905	744	646	638	*4261*	*2521*	6781
33968	*34333*	2013	2014	1745	947	934	858	702	597	584	*3977*	*2390*	6367
34333	*34699*	2014	2015	1651	927	896	826	672	563	546	*3781*	*2298*	6079
34699	*35064*	2015	2016	1582	911	868	801	649	539	517	*3638*	*2229*	5867
35064	*35429*	2016	2017	1529	899	845	781	631	521	495	*3526*	*2175*	5701
35429	*35794*	2017	2018	1486	890	828	764	616	507	476	*3437*	*2131*	5568
35794	*36160*	2018	2019	1452	883	813	750	603	496	461	*3364*	*2094*	5458
36160	*36525*	2019	2020	1423	876	801	738	592	486	448	*3302*	*2063*	5365
36525	*36890*	2020	2021	1399	871	790	728	583	478	437	*3250*	*2036*	5286
36890	*37255*	2021	2022	1378	866	781	719	575	471	428	*3205*	*2013*	5218
37255	*37621*	2022	2023	1361	863	774	711	568	465	420	*3167*	*1994*	5161
37621	*37986*	2023	2024	1345	859	767	704	562	459	412	*3133*	*1976*	5109
37986	*38351*	2024	2025	1331	856	761	698	556	454	406	*3103*	*1960*	5063

B-6(S4). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 4) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	1366	866	788	702	623	451	408	3228	1976	5204
38716	39082	2026	2027	1372	873	791	701	635	449	408	3246	1983	5229
39082	39447	2027	2028	1408	896	799	718	640	446	410	3293	2024	5317
39447	39812	2028	2029	1414	908	801	728	642	444	411	3300	2046	5347
39812	40177	2029	2030	1440	919	803	734	642	441	416	3326	2069	5395
40177	40543	2030	2031	1447	929	806	739	641	439	420	3333	2089	5422
40543	40908	2031	2032	1459	939	825	749	642	437	423	3362	2111	5474
40908	41273	2032	2033	1462	948	833	753	642	435	425	3371	2126	5498
41273	41638	2033	2034	1468	960	842	762	641	432	427	3384	2149	5533
41638	42004	2034	2035	1469	971	847	768	641	430	428	3387	2167	5554
42004	42369	2035	2036	1468	979	850	772	640	429	429	3387	2180	5567
42369	42734	2036	2037	1512	1022	894	785	649	426	469	3481	2276	5757
42734	43099	2037	2038	1527	1043	912	793	649	425	506	3512	2341	5854
43099	43465	2038	2039	1533	1057	922	799	649	423	530	3527	2386	5913
43465	43830	2039	2040	1537	1068	927	803	648	422	549	3535	2420	5954
43830	44195	2040	2041	1539	1077	931	806	648	421	563	3538	2446	5985
44195	44560	2041	2042	1540	1084	934	809	647	419	574	3540	2468	6008
44560	44926	2042	2043	1541	1091	935	811	646	418	584	3540	2486	6027
44926	45291	2043	2044	1541	1096	937	813	645	417	592	3540	2502	6041
45291	45656	2044	2045	1541	1101	937	815	644	416	599	3539	2515	6054
45656	46021	2045	2046	1541	1105	938	816	643	415	605	3537	2527	6064
46021	46387	2046	2047	1540	1109	938	817	643	414	611	3535	2537	6072
46387	46752	2047	2048	1540	1113	938	818	642	413	616	3533	2547	6079
46752	47117	2048	2049	1539	1116	938	819	641	412	620	3530	2555	6086
47117	47482	2049	2050	1539	1119	938	820	640	411	624	3528	2563	6091
47482	47848	2050	2051	1538	1121	938	821	639	410	628	3526	2569	6095
47848	48213	2051	2052	1538	1124	938	821	638	409	631	3523	2576	6099
48213	48578	2052	2053	1537	1126	938	822	638	408	634	3521	2581	6102
48578	48943	2053	2054	1537	1128	938	822	637	407	636	3518	2586	6105
48943	49309	2054	2055	1536	1130	937	822	636	406	639	3516	2591	6107
49309	49674	2055	2056	1535	1132	937	823	635	406	641	3513	2595	6109
49674	50039	2056	2057	1535	1133	937	823	635	405	643	3511	2600	6110
50039	50404	2057	2058	1534	1135	936	823	634	404	645	3508	2603	6112
50404	50770	2058	2059	1534	1136	936	824	633	404	647	3506	2607	6113
50770	51135	2059	2060	1533	1138	936	824	632	403	648	3504	2610	6114
51135	51500	2060	2061	1532	1139	935	824	632	402	650	3501	2613	6115
51500	51865	2061	2062	1532	1140	935	824	631	402	651	3499	2616	6115
51865	52231	2062	2063	1531	1142	935	824	630	401	652	3497	2619	6116
52231	52596	2063	2064	1531	1143	934	825	630	400	654	3495	2621	6116
52596	52961	2064	2065	1530	1144	934	825	629	400	655	3493	2623	6116
52961	53326	2065	2066	1530	1145	933	825	628	399	656	3491	2626	6116
53326	53692	2066	2067	1529	1146	933	825	628	399	657	3489	2628	6116

B-6(S4). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 4) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53692	54057	2067	2068	1529	1147	933	825	627	398	658	3487	2630	6116
54057	54422	2068	2069	1528	1148	932	825	626	398	658	3485	2632	6116
54422	54787	2069	2070	1528	1149	932	826	626	397	659	3483	2633	6116
54787	55153	2070	2071	1527	1149	932	826	625	397	660	3481	2635	6116
55153	55518	2071	2072	1527	1150	931	826	625	396	661	3479	2637	6115
55518	55883	2072	2073	1526	1151	931	826	624	396	661	3477	2638	6115
55883	56248	2073	2074	1526	1152	931	826	624	395	662	3475	2640	6115
56248	56614	2074	2075	1525	1152	930	826	623	395	662	3473	2641	6114
56614	56979	2075	2076	1525	1153	930	826	623	394	663	3472	2642	6114
56979	57344	2076	2077	1524	1154	930	826	622	394	663	3470	2643	6113
57344	57709	2077	2078	1524	1154	929	827	621	393	664	3468	2645	6113
57709	58075	2078	2079	1524	1155	929	827	621	393	664	3467	2646	6112
58075	58440	2079	2080	1523	1155	929	827	620	393	664	3465	2647	6112
58440	58805	2080	2081	1523	1156	928	827	620	392	665	3463	2648	6111
58805	59170	2081	2082	1522	1157	928	827	620	392	665	3462	2649	6110
59170	59536	2082	2083	1522	1157	928	827	619	391	665	3460	2650	6110
59536	59901	2083	2084	1522	1158	928	827	619	391	666	3459	2650	6109
59901	60266	2084	2085	1521	1158	927	827	618	391	666	3458	2651	6109
60266	60631	2085	2086	1521	1158	927	827	618	390	666	3456	2652	6108
60631	60997	2086	2087	1520	1159	927	827	617	390	666	3455	2653	6107
60997	61362	2087	2088	1520	1159	927	828	617	390	667	3453	2653	6107
61362	61727	2088	2089	1520	1160	926	828	617	389	667	3452	2654	6106
61727	62092	2089	2090	1519	1160	926	828	616	389	667	3451	2655	6105
62092	62458	2090	2091	1519	1161	926	828	616	389	667	3449	2655	6105
62458	62823	2091	2092	1519	1161	926	828	615	388	667	3448	2656	6104
62823	63188	2092	2093	1518	1161	925	828	615	388	667	3447	2657	6103
63188	63553	2093	2094	1518	1162	925	828	615	388	668	3446	2657	6103
63553	63919	2094	2095	1518	1162	925	828	614	387	668	3445	2658	6102
63919	64284	2095	2096	1517	1162	925	828	614	387	668	3443	2658	6101
64284	64649	2096	2097	1517	1163	925	828	614	387	668	3442	2659	6101
64649	65014	2097	2098	1517	1163	924	828	613	387	668	3441	2659	6100
65014	65380	2098	2099	1516	1163	924	828	613	386	668	3440	2660	6100
65380	65745	2099	2100	1516	1164	924	828	613	386	668	3439	2660	6099
65745	66110	2100	2101	1516	1164	924	828	612	386	668	3438	2660	6098
66110	66475	2101	2102	1516	1164	924	828	612	386	668	3437	2661	6097
66475	66841	2102	2103	1515	1164	923	828	612	385	668	3436	2661	6097
66841	67206	2103	2104	1515	1165	923	829	611	385	668	3435	2662	6096
67206	67571	2104	2105	1515	1165	923	829	611	385	668	3434	2662	6096
67571	67936	2105	2106	1515	1165	923	829	611	385	668	3433	2662	6095
67936	68302	2106	2107	1514	1165	923	829	611	384	669	3432	2663	6094
68302	68667	2107	2108	1514	1166	923	829	610	384	669	3431	2663	6094
68667	69032	2108	2109	1514	1166	922	829	610	384	669	3430	2663	6093
69032	69397	2109	2110	1514	1166	922	829	610	384	669	3429	2663	6093

B-6(S4). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 4) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3653*	1920	1930	0	9	0	0	0	31	0	408	***439***	***9***	**448**
3653	*10950*	1930	1950	0	10	0	0	0	33	0	408	***441***	***10***	**451**
10950	*14610*	1950	1960	0	10	0	0	0	33	0	408	***441***	***10***	**451**
14610	*18263*	1960	1970	0	20	0	1	0	33	0	407	***440***	***21***	**461**
18263	*21915*	1970	1980	0	20	0	1	0	33	0	407	***440***	***21***	**461**
21915	*24837*	1980	1988	0	21	0	2	0	32	0	407	***440***	***22***	**462**
24837	*25202*	1988	1989	0	21	0	2	0	32	0	407	***440***	***23***	**462**
25202	*25568*	1989	1990	0	21	0	2	0	32	0	407	***439***	***23***	**462**
25568	*25933*	1990	1991	0	21	0	2	0	32	0	407	***439***	***23***	**462**
25933	*26298*	1991	1992	0	21	0	2	0	32	0	407	***439***	***23***	**462**
26298	*26663*	1992	1993	0	21	0	2	0	32	0	407	***439***	***23***	**462**
26663	*27029*	1993	1994	0	21	0	2	0	32	0	407	***439***	***23***	**462**
27029	*27394*	1994	1995	0	21	0	2	0	32	0	407	***439***	***23***	**462**
27394	*27759*	1995	1996	0	21	0	2	0	32	0	407	***439***	***23***	**462**
27759	*28124*	1996	1997	0	21	0	2	0	32	0	407	***439***	***23***	**462**
28124	*28490*	1997	1998	0	21	0	2	0	32	0	407	***439***	***23***	**462**
28490	*28855*	1998	1999	0	21	0	2	0	32	0	407	***439***	***23***	**463**
28855	*29220*	1999	2000	0	19	0	2	0	32	0	407	***439***	***21***	**460**
29220	*29585*	2000	2001	0	17	0	2	0	32	0	407	***439***	***19***	**458**
29585	*29951*	2001	2002	0	4	0	0	0	6	0	272	***278***	***4***	**281**
29951	*30316*	2002	2003	0	38	0	44	0	12	0	538	***550***	***81***	**631**
30316	*30681*	2003	2004	0	103	0	85	0	45	0	737	***782***	***188***	**971**
30681	*31046*	2004	2005	0	145	0	120	1	74	0	858	***933***	***265***	**1197**
31046	*31412*	2005	2006	0	108	0	95	0	26	0	622	***649***	***202***	**851**
31412	*31777*	2006	2007	0	120	0	104	0	30	0	628	***658***	***224***	**881**
31777	*32142*	2007	2008	0	122	0	107	0	30	0	617	***648***	***229***	**876**
32142	*32507*	2008	2009	0	189	0	156	0	104	0	922	***1026***	***345***	**1372**
32507	*32872*	2009	2010	0	387	7	326	49	352	0	1757	***2165***	***713***	**2877**
32872	*33238*	2010	2011	0	508	21	424	103	544	3	2437	***3105***	***935***	**4040**
33238	*33603*	2011	2012	0	365	8	320	58	415	0	1986	***2468***	***685***	**3153**
33603	*33968*	2012	2013	0	308	5	276	38	346	0	1772	***2161***	***584***	**2745**
33968	*34333*	2013	2014	0	278	3	252	27	301	0	1648	***1980***	***530***	**2510**
34333	*34699*	2014	2015	0	259	2	238	19	268	0	1569	***1859***	***497***	**2355**
34699	*35064*	2015	2016	0	247	1	228	14	245	0	1515	***1775***	***474***	**2249**
35064	*35429*	2016	2017	0	237	0	221	11	226	0	1476	***1713***	***458***	**2172**
35429	*35794*	2017	2018	0	231	0	216	8	211	0	1448	***1667***	***446***	**2113**
35794	*36160*	2018	2019	0	225	0	212	6	199	0	1426	***1630***	***437***	**2067**
36160	*36525*	2019	2020	0	221	0	209	4	188	0	1409	***1601***	***429***	**2030**
36525	*36890*	2020	2021	0	217	0	206	3	180	0	1395	***1578***	***423***	**2001**
36890	*37255*	2021	2022	0	214	0	204	2	173	0	1384	***1559***	***417***	**1976**
37255	*37621*	2022	2023	0	211	0	202	1	167	0	1375	***1543***	***413***	**1956**
37621	*37986*	2023	2024	0	209	0	200	0	161	0	1368	***1529***	***409***	**1938**
37986	*38351*	2024	2025	0	207	0	199	0	157	0	1362	***1518***	***406***	**1924**

B-6(S4). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 4) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	***38716***	**2025**	**2026**	0	231	0	214	0	152	0	1360	***1513***	***445***	**1958**
38716	***39082***	**2026**	**2027**	0	238	0	217	0	148	0	1357	***1505***	***455***	**1960**
39082	***39447***	**2027**	**2028**	0	250	0	228	7	144	0	1356	***1506***	***478***	**1984**
39447	***39812***	**2028**	**2029**	0	255	0	238	8	140	0	1353	***1502***	***493***	**1995**
39812	***40177***	**2029**	**2030**	0	257	0	244	9	137	0	1377	***1524***	***501***	**2025**
40177	***40543***	**2030**	**2031**	0	260	0	247	10	134	0	1381	***1525***	***507***	**2032**
40543	***40908***	**2031**	**2032**	0	262	1	255	15	131	0	1381	***1528***	***516***	**2044**
40908	***41273***	**2032**	**2033**	0	263	1	258	18	129	0	1380	***1528***	***521***	**2049**
41273	***41638***	**2033**	**2034**	0	273	2	280	20	126	0	1378	***1526***	***553***	**2079**
41638	***42004***	**2034**	**2035**	0	277	2	288	21	124	0	1377	***1523***	***566***	**2089**
42004	***42369***	**2035**	**2036**	0	280	2	293	21	122	0	1375	***1520***	***572***	**2093**
42369	***42734***	**2036**	**2037**	0	282	3	297	23	120	0	1445	***1590***	***579***	**2170**
42734	***43099***	**2037**	**2038**	0	285	3	302	25	118	0	1457	***1602***	***587***	**2189**
43099	***43465***	**2038**	**2039**	0	287	3	305	26	116	0	1460	***1606***	***593***	**2198**
43465	***43830***	**2039**	**2040**	0	289	4	308	26	115	0	1462	***1606***	***598***	**2204**
43830	***44195***	**2040**	**2041**	0	291	4	311	27	113	0	1462	***1605***	***602***	**2207**
44195	***44560***	**2041**	**2042**	0	293	4	313	27	112	0	1461	***1604***	***606***	**2209**
44560	***44926***	**2042**	**2043**	0	294	4	315	27	110	0	1461	***1602***	***609***	**2211**
44926	***45291***	**2043**	**2044**	0	295	4	317	27	109	0	1460	***1600***	***612***	**2212**
45291	***45656***	**2044**	**2045**	0	297	4	319	27	108	0	1459	***1598***	***615***	**2213**
45656	***46021***	**2045**	**2046**	0	298	4	320	27	106	0	1458	***1596***	***618***	**2214**
46021	***46387***	**2046**	**2047**	0	299	4	322	27	105	0	1458	***1594***	***620***	**2214**
46387	***46752***	**2047**	**2048**	0	300	4	323	27	104	0	1457	***1592***	***623***	**2215**
46752	***47117***	**2048**	**2049**	0	301	4	324	27	103	0	1456	***1590***	***625***	**2215**
47117	***47482***	**2049**	**2050**	0	302	4	325	27	102	0	1456	***1588***	***627***	**2215**
47482	***47848***	**2050**	**2051**	0	302	4	327	27	101	0	1455	***1587***	***629***	**2216**
47848	***48213***	**2051**	**2052**	0	303	4	328	27	100	0	1454	***1585***	***631***	**2216**
48213	***48578***	**2052**	**2053**	0	304	4	329	27	99	0	1454	***1583***	***633***	**2216**
48578	***48943***	**2053**	**2054**	0	305	4	329	27	99	0	1453	***1582***	***634***	**2216**
48943	***49309***	**2054**	**2055**	0	305	4	330	27	98	0	1453	***1581***	***636***	**2216**
49309	***49674***	**2055**	**2056**	0	306	4	331	26	97	0	1452	***1579***	***637***	**2216**
49674	***50039***	**2056**	**2057**	0	307	4	332	26	96	0	1452	***1578***	***639***	**2217**
50039	***50404***	**2057**	**2058**	0	307	4	333	26	96	0	1451	***1577***	***640***	**2217**
50404	***50770***	**2058**	**2059**	0	308	4	333	26	95	0	1451	***1576***	***641***	**2217**
50770	***51135***	**2059**	**2060**	0	308	4	334	26	95	0	1450	***1574***	***642***	**2217**
51135	***51500***	**2060**	**2061**	0	309	4	335	26	94	0	1450	***1573***	***643***	**2217**
51500	***51865***	**2061**	**2062**	0	309	4	335	26	93	0	1449	***1572***	***645***	**2217**
51865	***52231***	**2062**	**2063**	0	310	4	336	26	93	0	1449	***1571***	***646***	**2217**
52231	***52596***	**2063**	**2064**	0	310	4	336	25	92	0	1449	***1570***	***647***	**2217**
52596	***52961***	**2064**	**2065**	0	311	4	337	25	92	0	1448	***1569***	***648***	**2217**
52961	***53326***	**2065**	**2066**	0	311	4	337	25	91	0	1448	***1568***	***649***	**2217**
53326	***53692***	**2066**	**2067**	0	312	4	338	25	91	0	1448	***1567***	***649***	**2216**

B-6(S4). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 4) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53692	54057	2067	2068	0	312	4	338	25	90	0	1447	1566	650	2216
54057	54422	2068	2069	0	312	4	339	25	90	0	1447	1565	651	2216
54422	54787	2069	2070	0	313	3	339	25	89	0	1447	1564	652	2216
54787	55153	2070	2071	0	313	3	340	25	89	0	1446	1563	653	2216
55153	55518	2071	2072	0	313	3	340	25	88	0	1446	1563	653	2216
55518	55883	2072	2073	0	314	3	340	25	88	0	1446	1562	654	2216
55883	56248	2073	2074	0	314	3	341	24	88	0	1446	1561	655	2216
56248	56614	2074	2075	0	314	3	341	24	87	0	1445	1560	656	2216
56614	56979	2075	2076	0	315	3	342	24	87	0	1445	1559	656	2216
56979	57344	2076	2077	0	315	3	342	24	86	0	1445	1559	657	2216
57344	57709	2077	2078	0	315	3	342	24	86	0	1445	1558	657	2215
57709	58075	2078	2079	0	316	3	342	24	86	0	1444	1557	658	2215
58075	58440	2079	2080	0	316	3	343	24	85	0	1444	1557	659	2215
58440	58805	2080	2081	0	316	3	343	24	85	0	1444	1556	659	2215
58805	59170	2081	2082	0	316	3	343	24	85	0	1444	1555	660	2215
59170	59536	2082	2083	0	317	3	344	24	84	0	1444	1555	660	2215
59536	59901	2083	2084	0	317	3	344	24	84	0	1443	1554	661	2215
59901	60266	2084	2085	0	317	3	344	23	84	0	1443	1553	661	2215
60266	60631	2085	2086	0	317	3	344	23	83	0	1443	1553	662	2215
60631	60997	2086	2087	0	317	3	345	23	83	0	1443	1552	662	2214
60997	61362	2087	2088	0	318	3	345	23	83	0	1443	1552	662	2214
61362	61727	2088	2089	0	318	3	345	23	82	0	1442	1551	663	2214
61727	62092	2089	2090	0	318	3	345	23	82	0	1442	1551	663	2214
62092	62458	2090	2091	0	318	3	345	23	82	0	1442	1550	664	2214
62458	62823	2091	2092	0	318	3	346	23	82	0	1442	1550	664	2214
62823	63188	2092	2093	0	319	3	346	23	81	0	1442	1549	664	2214
63188	63553	2093	2094	0	319	3	346	23	81	0	1442	1549	665	2213
63553	63919	2094	2095	0	319	3	346	23	81	0	1442	1548	665	2213
63919	64284	2095	2096	0	319	3	346	23	81	0	1441	1548	665	2213
64284	64649	2096	2097	0	319	3	347	23	80	0	1441	1547	666	2213
64649	65014	2097	2098	0	319	3	347	23	80	0	1441	1547	666	2213
65014	65380	2098	2099	0	320	3	347	22	80	0	1441	1546	666	2213
65380	65745	2099	2100	0	320	3	347	22	80	0	1441	1546	667	2213
65745	66110	2100	2101	0	320	3	347	22	79	0	1441	1546	667	2213
66110	66475	2101	2102	0	320	3	347	22	79	0	1441	1545	667	2212
66475	66841	2102	2103	0	320	3	347	22	79	0	1441	1545	668	2212
66841	67206	2103	2104	0	320	3	348	22	79	0	1440	1544	668	2212
67206	67571	2104	2105	0	320	3	348	22	79	0	1440	1544	668	2212
67571	67936	2105	2106	0	320	3	348	22	78	0	1440	1544	668	2212
67936	68302	2106	2107	0	321	3	348	22	78	0	1440	1543	669	2212
68302	68667	2107	2108	0	321	3	348	22	78	0	1440	1543	669	2212
68667	69032	2108	2109	0	321	3	348	22	78	0	1440	1543	669	2212
69032	69397	2109	2110	0	321	3	348	22	78	0	1440	1542	669	2212

B-6(S4). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 4) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	3653	1920	1930	3.7	2.4	2.6	2.4	4.1	2.6	1.1	13.0	5.9	18.9
3653	10950	1930	1950	3.1	2.1	2.2	1.7	3.4	2.3	0.5	11.0	4.3	15.3
10950	14610	1950	1960	3.1	2.1	2.3	1.8	3.5	2.3	0.5	11.1	4.5	15.6
14610	18263	1960	1970	4.4	2.9	7.3	9.3	3.5	2.3	0.5	17.4	12.8	30.2
18263	21915	1970	1980	4.5	3.0	7.4	10.0	3.5	2.3	0.5	17.7	13.5	31.1
21915	24837	1980	1988	4.5	3.0	7.5	10.2	3.5	2.3	0.5	17.7	13.7	31.5
24837	25202	1988	1989	4.5	3.0	7.5	10.2	3.5	2.3	0.5	17.7	13.7	31.5
25202	25568	1989	1990	4.5	3.0	7.5	10.2	3.5	2.3	0.5	17.8	13.8	31.5
25568	25933	1990	1991	4.5	3.0	7.5	10.2	3.5	2.3	0.5	17.8	13.8	31.5
25933	26298	1991	1992	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.8	31.5
26298	26663	1992	1993	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.8	31.5
26663	27029	1993	1994	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.8	31.6
27029	27394	1994	1995	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.8	31.6
27394	27759	1995	1996	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.8	31.6
27759	28124	1996	1997	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.8	31.6
28124	28490	1997	1998	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.9	31.6
28490	28855	1998	1999	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.9	31.6
28855	29220	1999	2000	4.6	3.0	7.1	9.8	3.7	2.3	0.6	17.7	13.4	31.0
29220	29585	2000	2001	4.6	2.9	6.5	9.0	3.8	2.4	0.6	17.3	12.6	29.9
29585	29951	2001	2002	3.9	2.7	5.8	8.2	3.4	2.1	0.5	15.2	11.4	26.5
29951	30316	2002	2003	4.9	3.3	5.7	8.1	3.6	2.2	0.8	16.5	12.2	28.7
30316	30681	2003	2004	5.9	3.8	6.0	8.3	4.2	2.5	1.3	18.7	13.4	32.0
30681	31046	2004	2005	6.5	4.0	6.1	8.3	4.6	2.8	1.7	20.0	14.0	34.0
31046	31412	2005	2006	5.7	3.9	5.4	7.5	4.0	2.4	1.3	17.5	12.6	30.2
31412	31777	2006	2007	5.8	3.9	5.3	7.3	4.1	2.4	1.3	17.6	12.5	30.2
31777	32142	2007	2008	5.8	3.9	5.2	7.0	4.1	2.4	1.4	17.5	12.3	29.8
32142	32507	2008	2009	7.0	4.2	5.8	7.6	5.0	3.0	2.0	20.8	13.9	34.6
32507	32872	2009	2010	10.4	5.1	7.6	9.7	7.6	4.8	4.0	30.4	18.8	49.2
32872	33238	2010	2011	12.7	5.7	8.9	11.3	9.5	6.3	5.4	37.3	22.5	59.8
33238	33603	2011	2012	10.5	5.2	7.5	9.8	8.1	5.1	4.3	31.2	19.3	50.5
33603	33968	2012	2013	9.4	4.9	6.9	9.0	7.4	4.5	3.8	28.3	17.8	46.1
33968	34333	2013	2014	8.7	4.7	6.5	8.6	7.0	4.2	3.5	26.5	16.8	43.3
34333	34699	2014	2015	8.3	4.6	6.3	8.3	6.7	3.9	3.3	25.2	16.2	41.3
34699	35064	2015	2016	7.9	4.6	6.1	8.0	6.5	3.8	3.1	24.2	15.7	39.9
35064	35429	2016	2017	7.6	4.5	5.9	7.8	6.3	3.6	3.0	23.5	15.3	38.8
35429	35794	2017	2018	7.4	4.5	5.8	7.6	6.2	3.5	2.9	22.9	15.0	37.9
35794	36160	2018	2019	7.3	4.4	5.7	7.5	6.0	3.5	2.8	22.5	14.7	37.1
36160	36525	2019	2020	7.1	4.4	5.6	7.4	5.9	3.4	2.7	22.0	14.5	36.5
36525	36890	2020	2021	7.0	4.4	5.5	7.3	5.8	3.3	2.6	21.7	14.3	36.0
36890	37255	2021	2022	6.9	4.3	5.5	7.2	5.7	3.3	2.6	21.4	14.1	35.5
37255	37621	2022	2023	6.8	4.3	5.4	7.1	5.7	3.3	2.5	21.2	13.9	35.1
37621	37986	2023	2024	6.7	4.3	5.4	7.0	5.6	3.2	2.5	20.9	13.8	34.7
37986	38351	2024	2025	6.7	4.3	5.3	7.0	5.6	3.2	2.4	20.7	13.7	34.4

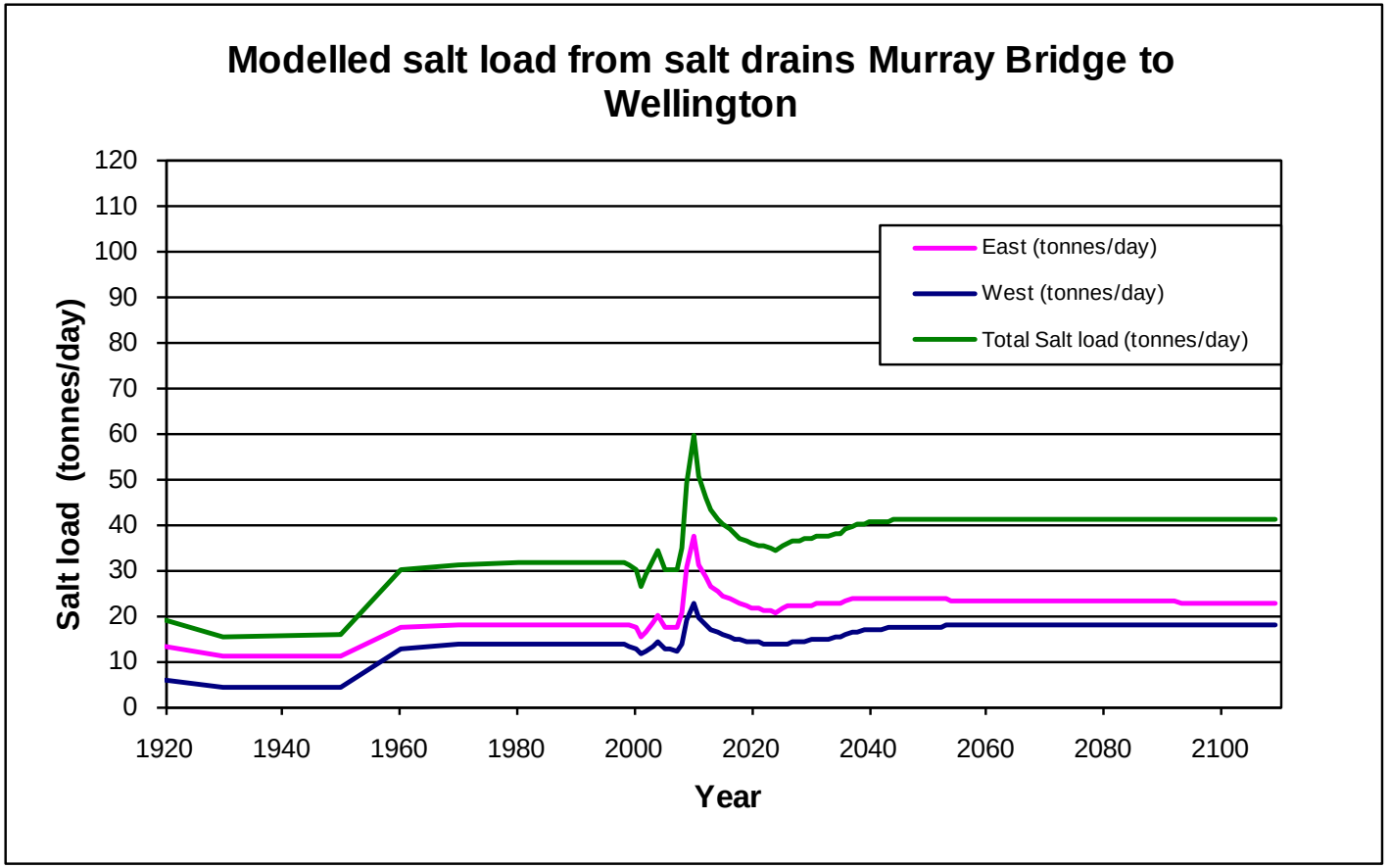
B-6(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 4) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	6.8	4.3	5.5	7.0	6.2	3.2	2.4	21.7	13.8	35.5
38716	39082	2026	2027	6.9	4.4	5.5	7.0	6.4	3.1	2.4	21.9	13.8	35.7
39082	39447	2027	2028	7.0	4.5	5.6	7.2	6.4	3.1	2.5	22.2	14.1	36.3
39447	39812	2028	2029	7.1	4.5	5.6	7.3	6.4	3.1	2.5	22.2	14.3	36.5
39812	40177	2029	2030	7.2	4.6	5.6	7.3	6.4	3.1	2.5	22.3	14.4	36.8
40177	40543	2030	2031	7.2	4.6	5.6	7.4	6.4	3.1	2.5	22.4	14.6	36.9
40543	40908	2031	2032	7.3	4.7	5.8	7.5	6.4	3.1	2.5	22.5	14.7	37.3
40908	41273	2032	2033	7.3	4.7	5.8	7.5	6.4	3.0	2.6	22.6	14.8	37.4
41273	41638	2033	2034	7.3	4.8	5.9	7.6	6.4	3.0	2.6	22.7	15.0	37.7
41638	42004	2034	2035	7.3	4.9	5.9	7.7	6.4	3.0	2.6	22.7	15.1	37.8
42004	42369	2035	2036	7.3	4.9	6.0	7.7	6.4	3.0	2.6	22.7	15.2	37.9
42369	42734	2036	2037	7.6	5.1	6.3	7.8	6.5	3.0	2.8	23.3	15.8	39.1
42734	43099	2037	2038	7.6	5.2	6.4	7.9	6.5	3.0	3.0	23.5	16.2	39.7
43099	43465	2038	2039	7.7	5.3	6.5	8.0	6.5	3.0	3.2	23.6	16.5	40.0
43465	43830	2039	2040	7.7	5.3	6.5	8.0	6.5	3.0	3.3	23.6	16.7	40.3
43830	44195	2040	2041	7.7	5.4	6.5	8.1	6.5	2.9	3.4	23.6	16.8	40.5
44195	44560	2041	2042	7.7	5.4	6.5	8.1	6.5	2.9	3.4	23.6	17.0	40.6
44560	44926	2042	2043	7.7	5.5	6.5	8.1	6.5	2.9	3.5	23.6	17.1	40.7
44926	45291	2043	2044	7.7	5.5	6.6	8.1	6.5	2.9	3.6	23.6	17.2	40.8
45291	45656	2044	2045	7.7	5.5	6.6	8.1	6.4	2.9	3.6	23.6	17.2	40.9
45656	46021	2045	2046	7.7	5.5	6.6	8.2	6.4	2.9	3.6	23.6	17.3	40.9
46021	46387	2046	2047	7.7	5.5	6.6	8.2	6.4	2.9	3.7	23.6	17.4	41.0
46387	46752	2047	2048	7.7	5.6	6.6	8.2	6.4	2.9	3.7	23.6	17.4	41.0
46752	47117	2048	2049	7.7	5.6	6.6	8.2	6.4	2.9	3.7	23.6	17.5	41.0
47117	47482	2049	2050	7.7	5.6	6.6	8.2	6.4	2.9	3.7	23.5	17.5	41.1
47482	47848	2050	2051	7.7	5.6	6.6	8.2	6.4	2.9	3.8	23.5	17.6	41.1
47848	48213	2051	2052	7.7	5.6	6.6	8.2	6.4	2.9	3.8	23.5	17.6	41.1
48213	48578	2052	2053	7.7	5.6	6.6	8.2	6.4	2.9	3.8	23.5	17.6	41.1
48578	48943	2053	2054	7.7	5.6	6.6	8.2	6.4	2.9	3.8	23.5	17.7	41.1
48943	49309	2054	2055	7.7	5.6	6.6	8.2	6.4	2.8	3.8	23.4	17.7	41.2
49309	49674	2055	2056	7.7	5.7	6.6	8.2	6.4	2.8	3.8	23.4	17.7	41.2
49674	50039	2056	2057	7.7	5.7	6.6	8.2	6.3	2.8	3.9	23.4	17.8	41.2
50039	50404	2057	2058	7.7	5.7	6.6	8.2	6.3	2.8	3.9	23.4	17.8	41.2
50404	50770	2058	2059	7.7	5.7	6.6	8.2	6.3	2.8	3.9	23.4	17.8	41.2
50770	51135	2059	2060	7.7	5.7	6.5	8.2	6.3	2.8	3.9	23.4	17.8	41.2
51135	51500	2060	2061	7.7	5.7	6.5	8.2	6.3	2.8	3.9	23.3	17.8	41.2
51500	51865	2061	2062	7.7	5.7	6.5	8.2	6.3	2.8	3.9	23.3	17.9	41.2
51865	52231	2062	2063	7.7	5.7	6.5	8.2	6.3	2.8	3.9	23.3	17.9	41.2
52231	52596	2063	2064	7.7	5.7	6.5	8.2	6.3	2.8	3.9	23.3	17.9	41.2
52596	52961	2064	2065	7.7	5.7	6.5	8.2	6.3	2.8	3.9	23.3	17.9	41.2
52961	53326	2065	2066	7.6	5.7	6.5	8.3	6.3	2.8	3.9	23.3	17.9	41.2
53326	53692	2066	2067	7.6	5.7	6.5	8.3	6.3	2.8	3.9	23.2	17.9	41.2

B-6(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 4) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53692	54057	2067	2068	7.6	5.7	6.5	8.3	6.3	2.8	3.9	23.2	17.9	41.2
54057	54422	2068	2069	7.6	5.7	6.5	8.3	6.3	2.8	4.0	23.2	17.9	41.2
54422	54787	2069	2070	7.6	5.7	6.5	8.3	6.3	2.8	4.0	23.2	18.0	41.2
54787	55153	2070	2071	7.6	5.7	6.5	8.3	6.3	2.8	4.0	23.2	18.0	41.1
55153	55518	2071	2072	7.6	5.8	6.5	8.3	6.2	2.8	4.0	23.2	18.0	41.1
55518	55883	2072	2073	7.6	5.8	6.5	8.3	6.2	2.8	4.0	23.2	18.0	41.1
55883	56248	2073	2074	7.6	5.8	6.5	8.3	6.2	2.8	4.0	23.1	18.0	41.1
56248	56614	2074	2075	7.6	5.8	6.5	8.3	6.2	2.8	4.0	23.1	18.0	41.1
56614	56979	2075	2076	7.6	5.8	6.5	8.3	6.2	2.8	4.0	23.1	18.0	41.1
56979	57344	2076	2077	7.6	5.8	6.5	8.3	6.2	2.8	4.0	23.1	18.0	41.1
57344	57709	2077	2078	7.6	5.8	6.5	8.3	6.2	2.8	4.0	23.1	18.0	41.1
57709	58075	2078	2079	7.6	5.8	6.5	8.3	6.2	2.8	4.0	23.1	18.0	41.1
58075	58440	2079	2080	7.6	5.8	6.5	8.3	6.2	2.7	4.0	23.1	18.0	41.1
58440	58805	2080	2081	7.6	5.8	6.5	8.3	6.2	2.7	4.0	23.1	18.0	41.1
58805	59170	2081	2082	7.6	5.8	6.5	8.3	6.2	2.7	4.0	23.0	18.0	41.1
59170	59536	2082	2083	7.6	5.8	6.5	8.3	6.2	2.7	4.0	23.0	18.0	41.1
59536	59901	2083	2084	7.6	5.8	6.5	8.3	6.2	2.7	4.0	23.0	18.1	41.1
59901	60266	2084	2085	7.6	5.8	6.5	8.3	6.2	2.7	4.0	23.0	18.1	41.1
60266	60631	2085	2086	7.6	5.8	6.5	8.3	6.2	2.7	4.0	23.0	18.1	41.1
60631	60997	2086	2087	7.6	5.8	6.5	8.3	6.2	2.7	4.0	23.0	18.1	41.1
60997	61362	2087	2088	7.6	5.8	6.5	8.3	6.2	2.7	4.0	23.0	18.1	41.1
61362	61727	2088	2089	7.6	5.8	6.5	8.3	6.2	2.7	4.0	23.0	18.1	41.0
61727	62092	2089	2090	7.6	5.8	6.5	8.3	6.2	2.7	4.0	23.0	18.1	41.0
62092	62458	2090	2091	7.6	5.8	6.5	8.3	6.2	2.7	4.0	23.0	18.1	41.0
62458	62823	2091	2092	7.6	5.8	6.5	8.3	6.2	2.7	4.0	22.9	18.1	41.0
62823	63188	2092	2093	7.6	5.8	6.5	8.3	6.2	2.7	4.0	22.9	18.1	41.0
63188	63553	2093	2094	7.6	5.8	6.5	8.3	6.1	2.7	4.0	22.9	18.1	41.0
63553	63919	2094	2095	7.6	5.8	6.5	8.3	6.1	2.7	4.0	22.9	18.1	41.0
63919	64284	2095	2096	7.6	5.8	6.5	8.3	6.1	2.7	4.0	22.9	18.1	41.0
64284	64649	2096	2097	7.6	5.8	6.5	8.3	6.1	2.7	4.0	22.9	18.1	41.0
64649	65014	2097	2098	7.6	5.8	6.5	8.3	6.1	2.7	4.0	22.9	18.1	41.0
65014	65380	2098	2099	7.6	5.8	6.5	8.3	6.1	2.7	4.0	22.9	18.1	41.0
65380	65745	2099	2100	7.6	5.8	6.5	8.3	6.1	2.7	4.0	22.9	18.1	41.0
65745	66110	2100	2101	7.6	5.8	6.5	8.3	6.1	2.7	4.0	22.9	18.1	41.0
66110	66475	2101	2102	7.6	5.8	6.5	8.3	6.1	2.7	4.0	22.9	18.1	41.0
66475	66841	2102	2103	7.6	5.8	6.5	8.3	6.1	2.7	4.0	22.9	18.1	41.0
66841	67206	2103	2104	7.6	5.8	6.5	8.3	6.1	2.7	4.0	22.8	18.1	41.0
67206	67571	2104	2105	7.6	5.8	6.5	8.3	6.1	2.7	4.0	22.8	18.1	41.0
67571	67936	2105	2106	7.6	5.8	6.5	8.3	6.1	2.7	4.0	22.8	18.1	41.0
67936	68302	2106	2107	7.6	5.8	6.5	8.3	6.1	2.7	4.0	22.8	18.1	41.0
68302	68667	2107	2108	7.6	5.8	6.5	8.3	6.1	2.7	4.0	22.8	18.1	40.9
68667	69032	2108	2109	7.6	5.8	6.5	8.3	6.1	2.7	4.0	22.8	18.1	40.9
69032	69397	2109	2110	7.6	5.8	6.5	8.3	6.1	2.7	4.0	22.8	18.1	40.9
		Salinity (mg/L)		5,000	5,000	7,000	10,000	10,000	7,000	6,000			

B-6(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 4) (highland to salt drains)



B-6(S4). Graph of modelled salt load (tonnes/day) entering the River Murray in the Murray Bridge to Wellington area (Scenario 4) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3653*	1920	1930	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.0***	2.7
3653	*10950*	1930	1950	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.7
10950	*14610*	1950	1960	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.7
14610	*18263*	1960	1970	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
18263	*21915*	1970	1980	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
21915	*24837*	1980	1988	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
24837	*25202*	1988	1989	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
25202	*25568*	1989	1990	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
25568	*25933*	1990	1991	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
25933	*26298*	1991	1992	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
26298	*26663*	1992	1993	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
26663	*27029*	1993	1994	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
27029	*27394*	1994	1995	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
27394	*27759*	1995	1996	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
27759	*28124*	1996	1997	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
28124	*28490*	1997	1998	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
28490	*28855*	1998	1999	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
28855	*29220*	1999	2000	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
29220	*29585*	2000	2001	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
29585	*29951*	2001	2002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	***1.7***	***0.0***	1.7
29951	*30316*	2002	2003	0.0	0.2	0.0	0.4	0.0	0.1	0.0	3.2	***3.3***	***0.6***	3.9
30316	*30681*	2003	2004	0.0	0.5	0.0	0.9	0.0	0.3	0.0	4.4	***4.7***	***1.4***	6.1
30681	*31046*	2004	2005	0.0	0.7	0.0	1.2	0.0	0.5	0.0	5.1	***5.7***	***1.9***	7.6
31046	*31412*	2005	2006	0.0	0.5	0.0	0.9	0.0	0.2	0.0	3.7	***3.9***	***1.5***	5.4
31412	*31777*	2006	2007	0.0	0.6	0.0	1.0	0.0	0.2	0.0	3.8	***4.0***	***1.6***	5.6
31777	*32142*	2007	2008	0.0	0.6	0.0	1.1	0.0	0.2	0.0	3.7	***3.9***	***1.7***	5.6
32142	*32507*	2008	2009	0.0	0.9	0.0	1.6	0.0	0.7	0.0	5.5	***6.3***	***2.5***	8.8
32507	*32872*	2009	2010	0.0	1.9	0.0	3.3	0.5	2.5	0.0	10.5	***13.5***	***5.2***	18.7
32872	*33238*	2010	2011	0.0	2.5	0.1	4.2	1.0	3.8	0.0	14.6	***19.6***	***6.8***	26.4
33238	*33603*	2011	2012	0.0	1.8	0.1	3.2	0.6	2.9	0.0	11.9	***15.5***	***5.0***	20.5
33603	*33968*	2012	2013	0.0	1.5	0.0	2.8	0.4	2.4	0.0	10.6	***13.5***	***4.3***	17.8
33968	*34333*	2013	2014	0.0	1.4	0.0	2.5	0.3	2.1	0.0	9.9	***12.3***	***3.9***	16.2
34333	*34699*	2014	2015	0.0	1.3	0.0	2.4	0.2	1.9	0.0	9.4	***11.5***	***3.7***	15.2
34699	*35064*	2015	2016	0.0	1.2	0.0	2.3	0.1	1.7	0.0	9.1	***11.0***	***3.5***	14.5
35064	*35429*	2016	2017	0.0	1.2	0.0	2.2	0.1	1.6	0.0	8.9	***10.5***	***3.4***	13.9
35429	*35794*	2017	2018	0.0	1.2	0.0	2.2	0.1	1.5	0.0	8.7	***10.2***	***3.3***	13.6
35794	*36160*	2018	2019	0.0	1.1	0.0	2.1	0.1	1.4	0.0	8.6	***10.0***	***3.2***	13.2
36160	*36525*	2019	2020	0.0	1.1	0.0	2.1	0.0	1.3	0.0	8.5	***9.8***	***3.2***	13.0
36525	*36890*	2020	2021	0.0	1.1	0.0	2.1	0.0	1.3	0.0	8.4	***9.7***	***3.1***	12.8
36890	*37255*	2021	2022	0.0	1.1	0.0	2.0	0.0	1.2	0.0	8.3	***9.5***	***3.1***	12.6
37255	*37621*	2022	2023	0.0	1.1	0.0	2.0	0.0	1.2	0.0	8.3	***9.4***	***3.1***	12.5
37621	*37986*	2023	2024	0.0	1.0	0.0	2.0	0.0	1.1	0.0	8.2	***9.3***	***3.0***	12.4
37986	*38351*	2024	2025	0.0	1.0	0.0	2.0	0.0	1.1	0.0	8.2	***9.3***	***3.0***	12.3

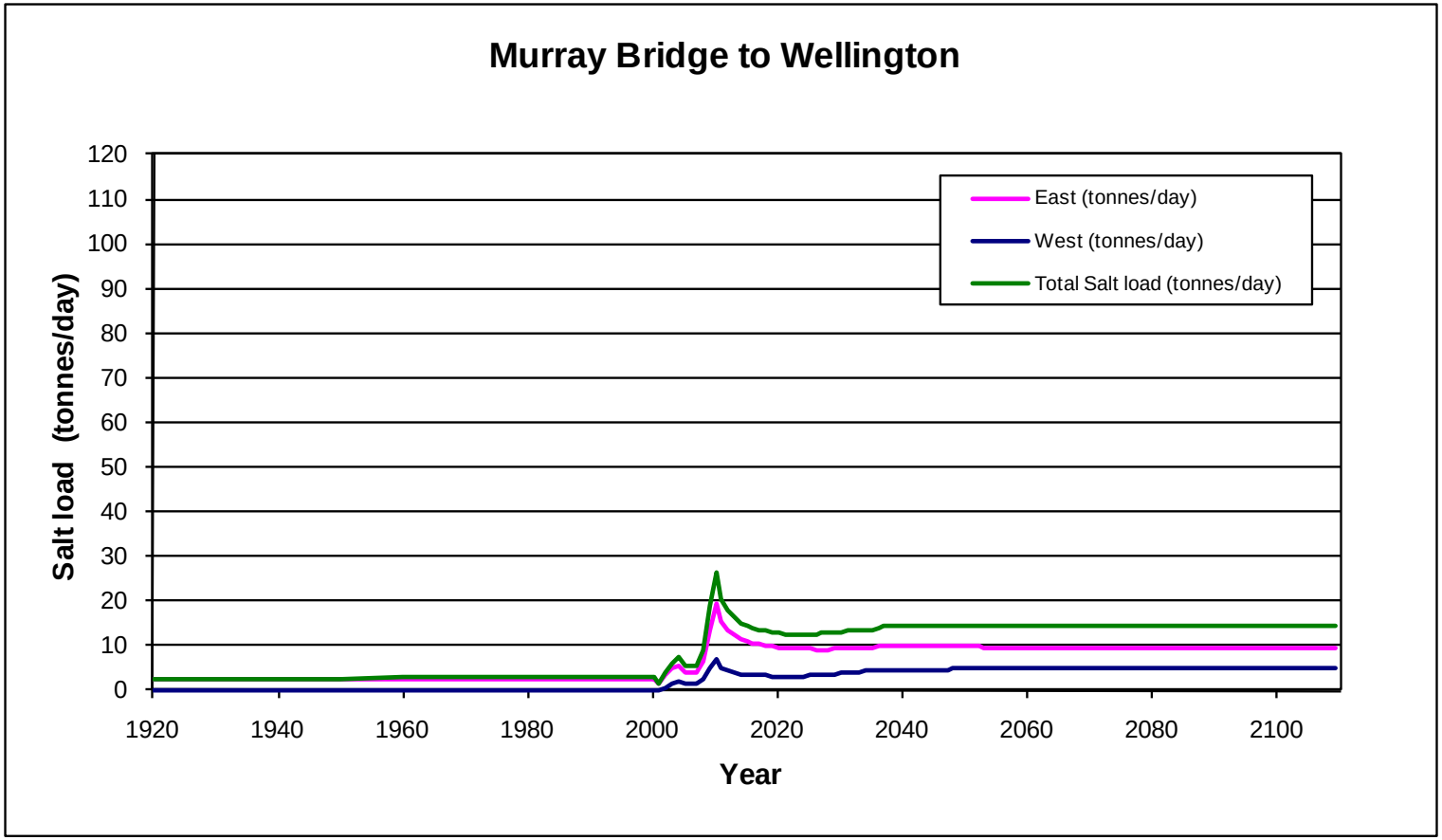
B-6(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 4) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.0	1.2	0.0	2.1	0.0	1.1	0.0	8.2	9.2	3.3	12.5
38716	39082	2026	2027	0.0	1.2	0.0	2.2	0.0	1.0	0.0	8.1	9.2	3.4	12.5
39082	39447	2027	2028	0.0	1.2	0.0	2.3	0.1	1.0	0.0	8.1	9.2	3.5	12.7
39447	39812	2028	2029	0.0	1.3	0.0	2.4	0.1	1.0	0.0	8.1	9.2	3.7	12.8
39812	40177	2029	2030	0.0	1.3	0.0	2.4	0.1	1.0	0.0	8.3	9.3	3.7	13.0
40177	40543	2030	2031	0.0	1.3	0.0	2.5	0.1	0.9	0.0	8.3	9.3	3.8	13.1
40543	40908	2031	2032	0.0	1.3	0.0	2.5	0.1	0.9	0.0	8.3	9.4	3.9	13.2
40908	41273	2032	2033	0.0	1.3	0.0	2.6	0.2	0.9	0.0	8.3	9.4	3.9	13.3
41273	41638	2033	2034	0.0	1.4	0.0	2.8	0.2	0.9	0.0	8.3	9.4	4.2	13.5
41638	42004	2034	2035	0.0	1.4	0.0	2.9	0.2	0.9	0.0	8.3	9.3	4.3	13.6
42004	42369	2035	2036	0.0	1.4	0.0	2.9	0.2	0.9	0.0	8.3	9.3	4.3	13.7
42369	42734	2036	2037	0.0	1.4	0.0	3.0	0.2	0.8	0.0	8.7	9.8	4.4	14.1
42734	43099	2037	2038	0.0	1.4	0.0	3.0	0.2	0.8	0.0	8.7	9.8	4.4	14.3
43099	43465	2038	2039	0.0	1.4	0.0	3.1	0.3	0.8	0.0	8.8	9.9	4.5	14.3
43465	43830	2039	2040	0.0	1.4	0.0	3.1	0.3	0.8	0.0	8.8	9.9	4.5	14.4
43830	44195	2040	2041	0.0	1.5	0.0	3.1	0.3	0.8	0.0	8.8	9.9	4.6	14.4
44195	44560	2041	2042	0.0	1.5	0.0	3.1	0.3	0.8	0.0	8.8	9.8	4.6	14.4
44560	44926	2042	2043	0.0	1.5	0.0	3.2	0.3	0.8	0.0	8.8	9.8	4.6	14.5
44926	45291	2043	2044	0.0	1.5	0.0	3.2	0.3	0.8	0.0	8.8	9.8	4.6	14.5
45291	45656	2044	2045	0.0	1.5	0.0	3.2	0.3	0.8	0.0	8.8	9.8	4.7	14.5
45656	46021	2045	2046	0.0	1.5	0.0	3.2	0.3	0.7	0.0	8.8	9.8	4.7	14.5
46021	46387	2046	2047	0.0	1.5	0.0	3.2	0.3	0.7	0.0	8.7	9.8	4.7	14.5
46387	46752	2047	2048	0.0	1.5	0.0	3.2	0.3	0.7	0.0	8.7	9.8	4.7	14.5
46752	47117	2048	2049	0.0	1.5	0.0	3.2	0.3	0.7	0.0	8.7	9.8	4.7	14.5
47117	47482	2049	2050	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.7	4.8	14.5
47482	47848	2050	2051	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.7	4.8	14.5
47848	48213	2051	2052	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.7	4.8	14.5
48213	48578	2052	2053	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.7	4.8	14.5
48578	48943	2053	2054	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.7	4.8	14.5
48943	49309	2054	2055	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.7	4.8	14.5
49309	49674	2055	2056	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.7	4.8	14.5
49674	50039	2056	2057	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.7	4.9	14.5
50039	50404	2057	2058	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.7	4.9	14.5
50404	50770	2058	2059	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.7	4.9	14.5
50770	51135	2059	2060	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.6	4.9	14.5
51135	51500	2060	2061	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.6	4.9	14.5
51500	51865	2061	2062	0.0	1.5	0.0	3.4	0.3	0.7	0.0	8.7	9.6	4.9	14.5
51865	52231	2062	2063	0.0	1.5	0.0	3.4	0.3	0.6	0.0	8.7	9.6	4.9	14.5
52231	52596	2063	2064	0.0	1.6	0.0	3.4	0.3	0.6	0.0	8.7	9.6	4.9	14.5
52596	52961	2064	2065	0.0	1.6	0.0	3.4	0.3	0.6	0.0	8.7	9.6	4.9	14.5
52961	53326	2065	2066	0.0	1.6	0.0	3.4	0.3	0.6	0.0	8.7	9.6	4.9	14.5
53326	53692	2066	2067	0.0	1.6	0.0	3.4	0.3	0.6	0.0	8.7	9.6	4.9	14.5

B-6(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 4) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53692	54057	2067	2068	0.0	1.6	0.0	3.4	0.3	0.6	0.0	8.7	9.6	4.9	14.5
54057	54422	2068	2069	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.6	4.9	14.5
54422	54787	2069	2070	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.6	5.0	14.5
54787	55153	2070	2071	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.6	5.0	14.5
55153	55518	2071	2072	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.6	5.0	14.5
55518	55883	2072	2073	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.6	5.0	14.5
55883	56248	2073	2074	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.6	5.0	14.5
56248	56614	2074	2075	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
56614	56979	2075	2076	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
56979	57344	2076	2077	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
57344	57709	2077	2078	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
57709	58075	2078	2079	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
58075	58440	2079	2080	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
58440	58805	2080	2081	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
58805	59170	2081	2082	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
59170	59536	2082	2083	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
59536	59901	2083	2084	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
59901	60266	2084	2085	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
60266	60631	2085	2086	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
60631	60997	2086	2087	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
60997	61362	2087	2088	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
61362	61727	2088	2089	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
61727	62092	2089	2090	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.7	9.5	5.0	14.5
62092	62458	2090	2091	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.7	9.5	5.0	14.5
62458	62823	2091	2092	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.7	9.5	5.0	14.5
62823	63188	2092	2093	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.7	9.5	5.1	14.5
63188	63553	2093	2094	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.7	9.5	5.1	14.5
63553	63919	2094	2095	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.6	9.5	5.1	14.5
63919	64284	2095	2096	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.6	9.5	5.1	14.5
64284	64649	2096	2097	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.6	9.5	5.1	14.5
64649	65014	2097	2098	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.6	9.5	5.1	14.5
65014	65380	2098	2099	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.6	9.5	5.1	14.5
65380	65745	2099	2100	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.6	9.4	5.1	14.5
65745	66110	2100	2101	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.6	9.4	5.1	14.5
66110	66475	2101	2102	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.6	9.4	5.1	14.5
66475	66841	2102	2103	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.6	9.4	5.1	14.5
66841	67206	2103	2104	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.6	9.4	5.1	14.5
67206	67571	2104	2105	0.0	1.6	0.0	3.5	0.2	0.5	0.0	8.6	9.4	5.1	14.5
67571	67936	2105	2106	0.0	1.6	0.0	3.5	0.2	0.5	0.0	8.6	9.4	5.1	14.5
67936	68302	2106	2107	0.0	1.6	0.0	3.5	0.2	0.5	0.0	8.6	9.4	5.1	14.5
68302	68667	2107	2108	0.0	1.6	0.0	3.5	0.2	0.5	0.0	8.6	9.4	5.1	14.5
68667	69032	2108	2109	0.0	1.6	0.0	3.5	0.2	0.5	0.0	8.6	9.4	5.1	14.5
69032	69397	2109	2110	0.0	1.6	0.0	3.5	0.2	0.5	0.0	8.6	9.4	5.1	14.5
		Salinity (mg/L)		5,000	5,000	7,000	10,000	10,000	7,000	6,000	6,000			

B-6(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 4) (floodplain to river)



B-6(S4). Graph of modelled salt load (tonnes/day) entering the River Murray in the Murray Bridge to Wellington area (Scenario 4) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	*3652*	*1920*	*1930*	738	474	377	243	408	365	186	***1888***	***903***	**2791**
3652	*7305*	*1930*	*1940*	615	425	319	174	344	324	78	***1601***	***677***	**2278**
7305	*14610*	*1940*	*1960*	622	430	322	178	346	325	89	***1615***	***696***	**2311**
14610	*18263*	*1960*	*1970*	871	579	1042	932	348	324	90	***2586***	***1600***	**4186**
18263	*21915*	*1970*	*1980*	892	590	1062	999	351	324	90	***2628***	***1679***	**4307**
21915	*24837*	*1980*	*1988*	898	593	1067	1022	352	324	90	***2640***	***1705***	**4346**
24837	*25202*	*1988*	*1989*	898	594	1067	1023	352	324	90	***2641***	***1707***	**4348**
25202	*25567*	*1989*	*1990*	899	594	1067	1025	352	324	90	***2642***	***1709***	**4351**
25567	*25932*	*1990*	*1991*	899	594	1067	1026	352	324	90	***2642***	***1710***	**4352**
25932	*26298*	*1991*	*1992*	899	594	1068	1027	352	324	90	***2643***	***1711***	**4354**
26298	*26663*	*1992*	*1993*	899	594	1068	1028	352	324	90	***2643***	***1712***	**4355**
26663	*27028*	*1993*	*1994*	900	594	1068	1028	352	324	90	***2643***	***1713***	**4356**
27028	*27393*	*1994*	*1995*	900	594	1068	1029	352	324	90	***2644***	***1714***	**4358**
27393	*27759*	*1995*	*1996*	900	595	1068	1031	352	324	90	***2645***	***1716***	**4360**
27759	*28124*	*1996*	*1997*	901	595	1069	1033	352	324	90	***2645***	***1718***	**4363**
28124	*28489*	*1997*	*1998*	901	595	1069	1034	352	324	90	***2646***	***1720***	**4366**
28489	*28854*	*1998*	*1999*	916	596	1008	980	369	335	97	***2627***	***1673***	**4300**
28854	*29220*	*1999*	*2000*	915	589	922	902	382	343	105	***2562***	***1596***	**4158**
29220	*29585*	*2000*	*2001*	783	544	824	819	336	302	76	***2245***	***1440***	**3685**
29585	*29950*	*2001*	*2002*	979	661	821	810	364	316	139	***2480***	***1609***	**4089**
29950	*30315*	*2002*	*2003*	1183	755	860	827	421	363	217	***2827***	***1799***	**4626**
30315	*30681*	*2003*	*2004*	1306	809	876	831	460	394	276	***3035***	***1917***	**4951**
30681	*31046*	*2004*	*2005*	1146	775	777	748	400	338	212	***2662***	***1735***	**4396**
31046	*31411*	*2005*	*2006*	1163	784	763	728	407	345	224	***2678***	***1736***	**4414**
31411	*31776*	*2006*	*2007*	1160	783	742	703	409	347	228	***2659***	***1715***	**4373**
31776	*32142*	*2007*	*2008*	1395	847	825	759	502	429	339	***3150***	***1944***	**5095**
32142	*32507*	*2008*	*2009*	2072	1026	1084	970	759	688	667	***4603***	***2663***	**7266**
32507	*32872*	*2009*	*2010*	2543	1147	1266	1133	948	897	901	***5654***	***3181***	**8835**
32872	*33237*	*2010*	*2011*	2101	1031	1078	978	810	727	724	***4716***	***2733***	**7449**
33237	*33603*	*2011*	*2012*	1881	978	989	904	744	646	638	***4260***	***2520***	**6780**
33603	*33968*	*2012*	*2013*	1745	948	934	858	702	597	584	***3977***	***2389***	**6367**
33968	*34333*	*2013*	*2014*	1651	927	896	825	672	563	546	***3782***	***2298***	**6079**
34333	*34698*	*2014*	*2015*	1582	911	868	800	649	539	517	***3638***	***2229***	**5867**
34698	*35064*	*2015*	*2016*	1529	900	846	780	631	521	495	***3526***	***2175***	**5701**
35064	*35429*	*2016*	*2017*	1486	890	828	764	616	507	476	***3437***	***2131***	**5568**
35429	*35794*	*2017*	*2018*	1452	883	813	750	603	496	461	***3364***	***2094***	**5458**
35794	*36159*	*2018*	*2019*	1423	876	801	738	593	486	448	***3303***	***2063***	**5365**
36159	*36525*	*2019*	*2020*	1398	871	790	728	583	478	437	***3249***	***2036***	**5285**
36525	*36890*	*2020*	*2021*	1378	866	781	719	575	471	428	***3205***	***2013***	**5217**
36890	*37255*	*2021*	*2022*	1359	862	773	711	568	464	419	***3165***	***1992***	**5157**
37255	*37620*	*2022*	*2023*	1343	859	766	703	561	459	411	***3129***	***1974***	**5103**
37620	*37986*	*2023*	*2024*	1330	856	761	697	555	454	405	***3100***	***1958***	**5058**
37986	*38351*	*2024*	*2025*	1365	866	787	701	623	451	407	***3226***	***1974***	**5200**

B-6(S5). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 5) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	1370	873	790	701	635	448	408	3244	1981	5225
38716	39081	2026	2027	1407	896	798	717	640	446	409	3291	2022	5313
39081	39447	2027	2028	1413	908	800	727	641	443	410	3298	2045	5343
39447	39812	2028	2029	1439	919	802	734	641	441	415	3323	2068	5391
39812	40177	2029	2030	1446	929	805	739	641	439	420	3331	2087	5418
40177	40542	2030	2031	1459	938	824	749	641	436	423	3360	2110	5470
40542	40908	2031	2032	1461	948	833	752	641	434	425	3369	2125	5494
40908	41273	2032	2033	1467	960	842	762	641	432	427	3382	2148	5530
41273	41638	2033	2034	1468	970	847	767	641	430	428	3386	2166	5551
41638	42003	2034	2035	1467	979	850	772	640	428	429	3386	2179	5565
42003	42369	2035	2036	1511	1022	894	784	649	426	469	3480	2275	5755
42369	42734	2036	2037	1526	1043	912	792	649	425	506	3511	2341	5852
42734	43099	2037	2038	1533	1057	921	798	648	423	530	3526	2385	5911
43099	43464	2038	2039	1537	1068	927	802	648	422	548	3533	2419	5952
43464	43830	2039	2040	1539	1077	931	806	647	421	563	3537	2446	5983
43830	44195	2040	2041	1540	1084	933	809	647	419	574	3539	2467	6007
44195	44560	2041	2042	1541	1091	935	811	646	418	584	3539	2486	6025
44560	44925	2042	2043	1541	1096	936	813	645	417	592	3539	2501	6040
44925	45291	2043	2044	1541	1101	937	815	644	416	599	3538	2515	6052
45291	45656	2044	2045	1540	1105	938	816	643	415	605	3536	2527	6063
45656	46021	2045	2046	1540	1109	938	817	642	413	611	3534	2537	6071
46021	46386	2046	2047	1540	1113	938	818	642	412	616	3532	2546	6078
46386	46752	2047	2048	1539	1116	938	819	641	411	620	3530	2555	6084
46752	47117	2048	2049	1539	1119	938	820	640	411	624	3527	2562	6089
47117	47482	2049	2050	1538	1121	938	820	639	410	628	3525	2569	6094
47482	47847	2050	2051	1537	1124	938	821	638	409	631	3522	2575	6098
47847	48213	2051	2052	1537	1126	938	821	637	408	634	3520	2581	6101
48213	48578	2052	2053	1536	1128	937	822	637	407	636	3518	2586	6103
48578	48943	2053	2054	1536	1130	937	822	636	406	639	3515	2591	6106
48943	49308	2054	2055	1535	1132	937	822	635	406	641	3513	2595	6108
49308	49674	2055	2056	1535	1133	937	823	647	405	643	3523	2599	6122
49674	50039	2056	2057	1534	1135	936	823	655	404	645	3529	2603	6132
50039	50404	2057	2058	1533	1136	936	823	659	404	647	3532	2606	6138
50404	50769	2058	2059	1533	1138	935	824	661	403	648	3533	2610	6143
50769	51135	2059	2060	1532	1139	935	824	663	403	650	3533	2613	6146
51135	51500	2060	2061	1532	1140	935	824	664	403	651	3533	2616	6148
51500	51865	2061	2062	1531	1142	934	824	664	402	652	3532	2618	6150
51865	52230	2062	2063	1531	1143	934	824	665	402	654	3531	2621	6152
52230	52596	2063	2064	1530	1144	934	825	665	401	655	3530	2623	6153
52596	52961	2064	2065	1530	1145	933	825	665	401	656	3529	2625	6154
52961	53326	2065	2066	1529	1146	933	825	665	401	657	3528	2627	6155
53326	53691	2066	2067	1529	1147	933	825	665	400	657	3526	2629	6156

B-6(S5). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 5) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	1528	1148	933	825	664	400	658	3525	2631	6156
54057	54422	2068	2069	1528	1148	932	825	664	400	659	3524	2633	6157
54422	54787	2069	2070	1527	1149	932	826	664	399	660	3522	2634	6157
54787	55152	2070	2071	1527	1150	932	826	664	399	660	3521	2636	6157
55152	55518	2071	2072	1526	1151	931	826	663	398	661	3519	2637	6157
55518	55883	2072	2073	1526	1151	931	826	663	398	662	3518	2639	6157
55883	56248	2073	2074	1525	1152	931	826	663	398	662	3517	2640	6157
56248	56613	2074	2075	1525	1153	930	826	662	397	663	3515	2642	6157
56613	56979	2075	2076	1525	1153	930	826	662	397	663	3514	2643	6157
56979	57344	2076	2077	1524	1154	930	826	662	397	663	3512	2644	6156
57344	57709	2077	2078	1524	1155	930	827	661	396	664	3511	2645	6156
57709	58074	2078	2079	1523	1155	929	827	661	396	664	3510	2646	6156
58074	58440	2079	2080	1523	1156	929	827	661	396	665	3508	2647	6156
58440	58805	2080	2081	1522	1156	929	827	660	395	665	3507	2648	6155
58805	59170	2081	2082	1522	1157	929	827	660	395	665	3506	2649	6155
59170	59535	2082	2083	1522	1157	928	827	660	395	666	3505	2650	6154
59535	59901	2083	2084	1521	1158	928	827	659	394	666	3503	2651	6154
59901	60266	2084	2085	1521	1158	928	827	659	394	666	3502	2652	6154
60266	60631	2085	2086	1521	1159	928	827	659	394	666	3501	2652	6153
60631	60996	2086	2087	1520	1159	928	827	658	393	666	3500	2653	6153
60996	61362	2087	2088	1520	1160	927	827	658	393	667	3498	2654	6152
61362	61727	2088	2089	1520	1160	927	828	658	393	667	3497	2654	6152
61727	62092	2089	2090	1519	1160	927	828	657	393	667	3496	2655	6151
62092	62457	2090	2091	1519	1161	927	828	657	392	667	3495	2656	6151
62457	62823	2091	2092	1519	1161	926	828	657	392	667	3494	2656	6150
62823	63188	2092	2093	1518	1162	926	828	656	392	667	3493	2657	6149
63188	63553	2093	2094	1518	1162	926	828	656	392	668	3492	2657	6149
63553	63918	2094	2095	1518	1162	926	828	656	391	668	3491	2658	6148
63918	64284	2095	2096	1517	1163	926	828	656	391	668	3489	2658	6148
64284	64649	2096	2097	1517	1163	925	828	655	391	668	3488	2659	6147
64649	65014	2097	2098	1517	1163	925	828	655	390	668	3487	2659	6147
65014	65379	2098	2099	1516	1163	925	828	655	390	668	3486	2660	6146
65379	65745	2099	2100	1516	1164	925	828	654	390	668	3485	2660	6145
65745	66110	2100	2101	1516	1164	925	828	654	390	668	3484	2661	6145
66110	66475	2101	2102	1516	1164	925	828	654	390	668	3484	2661	6145
66475	66840	2102	2103	1515	1165	924	828	654	389	668	3483	2661	6144
66840	67206	2103	2104	1515	1165	924	828	653	389	668	3482	2662	6143
67206	67571	2104	2105	1515	1165	924	829	653	389	668	3481	2662	6143
67571	67936	2105	2106	1515	1165	924	829	653	389	668	3480	2662	6142
67936	68301	2106	2107	1514	1166	924	829	653	389	668	3479	2663	6142
68301	68667	2107	2108	1514	1166	924	829	652	388	669	3478	2663	6141
68667	69032	2108	2109	1514	1166	924	829	652	388	669	3478	2663	6141
69032	69397	2109	2110	1514	1166	924	829	652	388	669	3478	2663	6141

B-6(S5). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 5) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
0	3652	1920	1930	0	9	0	0	0	31	0	408	439	9	448
3652	7305	1930	1940	0	10	0	0	0	33	0	408	441	10	451
7305	14610	1940	1960	0	10	0	0	0	33	0	408	441	10	451
14610	18263	1960	1970	0	20	0	1	0	33	0	407	440	21	461
18263	21915	1970	1980	0	20	0	1	0	33	0	407	440	21	461
21915	24837	1980	1988	0	21	0	2	0	32	0	407	440	22	462
24837	25202	1988	1989	0	21	0	2	0	32	0	407	440	23	462
25202	25567	1989	1990	0	21	0	2	0	32	0	407	439	23	462
25567	25932	1990	1991	0	21	0	2	0	32	0	407	439	23	462
25932	26298	1991	1992	0	21	0	2	0	32	0	407	439	23	462
26298	26663	1992	1993	0	21	0	2	0	32	0	407	439	23	462
26663	27028	1993	1994	0	21	0	2	0	32	0	407	439	23	462
27028	27393	1994	1995	0	21	0	2	0	32	0	407	439	23	462
27393	27759	1995	1996	0	21	0	2	0	32	0	407	439	23	462
27759	28124	1996	1997	0	21	0	2	0	32	0	407	439	23	462
28124	28489	1997	1998	0	21	0	2	0	32	0	407	439	23	463
28489	28854	1998	1999	0	19	0	2	0	32	0	407	439	21	460
28854	29220	1999	2000	0	17	0	2	0	32	0	407	439	19	458
29220	29585	2000	2001	0	4	0	0	0	6	0	272	278	4	282
29585	29950	2001	2002	0	38	0	44	0	12	0	538	550	81	631
29950	30315	2002	2003	0	103	0	86	0	45	0	737	782	189	971
30315	30681	2003	2004	0	145	0	120	1	74	0	858	933	265	1197
30681	31046	2004	2005	0	108	0	94	0	26	0	622	649	202	851
31046	31411	2005	2006	0	119	0	104	0	30	0	628	658	223	881
31411	31776	2006	2007	0	122	0	106	0	30	0	617	648	229	876
31776	32142	2007	2008	0	189	0	156	0	104	0	922	1026	345	1372
32142	32507	2008	2009	0	387	7	326	49	352	0	1757	2164	712	2877
32507	32872	2009	2010	0	508	21	424	103	544	3	2437	3105	935	4040
32872	33237	2010	2011	0	365	8	320	58	415	0	1986	2467	685	3151
33237	33603	2011	2012	0	308	5	276	38	346	0	1772	2161	584	2745
33603	33968	2012	2013	0	278	3	252	27	301	0	1648	1979	530	2509
33968	34333	2013	2014	0	259	2	238	19	268	0	1569	1859	497	2355
34333	34698	2014	2015	0	247	1	228	14	245	0	1515	1775	474	2250
34698	35064	2015	2016	0	238	0	221	11	226	0	1476	1714	458	2172
35064	35429	2016	2017	0	231	0	216	8	211	0	1448	1667	446	2113
35429	35794	2017	2018	0	225	0	212	6	199	0	1426	1630	437	2067
35794	36159	2018	2019	0	221	0	209	4	189	0	1409	1601	429	2030
36159	36525	2019	2020	0	217	0	206	3	180	0	1395	1578	423	2000
36525	36890	2020	2021	0	214	0	204	2	173	0	1384	1559	417	1976
36890	37255	2021	2022	0	211	0	202	1	166	0	1375	1542	413	1955
37255	37620	2022	2023	0	209	0	200	0	161	0	1367	1528	409	1937
37620	37986	2023	2024	0	207	0	199	0	156	0	1361	1517	405	1922
37986	38351	2024	2025	0	231	0	214	0	152	0	1360	1512	445	1957

B-6(S5). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 5) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
38351	38716	2025	2026	0	238	0	217	0	147	0	1357	1504	454	1959
38716	39081	2026	2027	0	250	0	228	7	143	0	1355	1505	478	1983
39081	39447	2027	2028	0	255	0	238	8	140	0	1353	1501	493	1994
39447	39812	2028	2029	0	257	0	244	9	137	0	1377	1523	501	2024
39812	40177	2029	2030	0	259	0	247	10	134	0	1381	1525	506	2031
40177	40542	2030	2031	0	261	1	255	15	131	0	1381	1527	516	2043
40542	40908	2031	2032	0	263	1	258	18	128	0	1380	1527	521	2048
40908	41273	2032	2033	0	273	2	280	20	126	0	1378	1525	553	2078
41273	41638	2033	2034	0	277	2	288	21	124	0	1376	1523	565	2088
41638	42003	2034	2035	0	280	2	292	21	122	0	1375	1520	572	2092
42003	42369	2035	2036	0	282	3	297	23	120	0	1445	1590	579	2169
42369	42734	2036	2037	0	285	3	301	24	118	0	1456	1602	586	2188
42734	43099	2037	2038	0	287	3	305	26	116	0	1460	1605	593	2198
43099	43464	2038	2039	0	289	4	308	26	114	0	1462	1606	598	2203
43464	43830	2039	2040	0	291	4	311	27	113	0	1462	1605	602	2207
43830	44195	2040	2041	0	293	4	313	27	111	0	1461	1603	606	2209
44195	44560	2041	2042	0	294	4	315	27	110	0	1461	1601	609	2211
44560	44925	2042	2043	0	295	4	317	27	109	0	1460	1599	612	2212
44925	45291	2043	2044	0	297	4	319	27	107	0	1459	1597	615	2213
45291	45656	2044	2045	0	298	4	320	27	106	0	1458	1595	618	2213
45656	46021	2045	2046	0	299	4	322	27	105	0	1458	1594	620	2214
46021	46386	2046	2047	0	300	4	323	27	104	0	1457	1592	623	2214
46386	46752	2047	2048	0	301	4	324	27	103	0	1456	1590	625	2215
46752	47117	2048	2049	0	302	4	325	27	102	0	1455	1588	627	2215
47117	47482	2049	2050	0	302	4	327	27	101	0	1455	1586	629	2215
47482	47847	2050	2051	0	303	4	328	27	100	0	1454	1585	631	2216
47847	48213	2051	2052	0	304	4	329	27	99	0	1454	1583	632	2216
48213	48578	2052	2053	0	305	4	329	27	99	0	1453	1582	634	2216
48578	48943	2053	2054	0	305	4	330	26	98	0	1453	1581	636	2216
48943	49308	2054	2055	0	306	4	331	26	97	0	1452	1579	637	2216
49308	49674	2055	2056	0	307	4	332	26	96	0	1452	1578	639	2216
49674	50039	2056	2057	0	307	4	333	26	96	0	1451	1577	640	2216
50039	50404	2057	2058	0	308	4	333	26	95	0	1451	1575	641	2217
50404	50769	2058	2059	0	308	4	334	26	94	0	1450	1574	642	2217
50769	51135	2059	2060	0	309	4	335	26	94	0	1450	1573	643	2217
51135	51500	2060	2061	0	309	4	335	26	93	0	1449	1572	645	2217
51500	51865	2061	2062	0	310	4	336	26	93	0	1449	1571	646	2217
51865	52230	2062	2063	0	310	4	336	26	92	0	1449	1570	647	2217
52230	52596	2063	2064	0	311	4	337	26	92	0	1448	1569	648	2217
52596	52961	2064	2065	0	311	4	337	26	91	0	1448	1568	648	2217
52961	53326	2065	2066	0	312	4	338	26	91	0	1448	1567	649	2217
53326	53691	2066	2067	0	312	4	338	26	90	0	1447	1567	650	2217

B-6(S5). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 5) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (m^3/day)	Total West (m^3/day)	Total Flux (m^3/day)
53691	54057	2067	2068	0	312	4	339	26	90	0	1447	1566	651	2217
54057	54422	2068	2069	0	313	4	339	25	89	0	1447	1565	652	2217
54422	54787	2069	2070	0	313	4	340	25	89	0	1446	1564	653	2217
54787	55152	2070	2071	0	313	4	340	25	89	0	1446	1563	653	2217
55152	55518	2071	2072	0	314	4	340	25	88	0	1446	1563	654	2217
55518	55883	2072	2073	0	314	4	341	25	88	0	1446	1562	655	2217
55883	56248	2073	2074	0	314	3	341	25	87	0	1445	1561	655	2217
56248	56613	2074	2075	0	315	3	341	25	87	0	1445	1561	656	2217
56613	56979	2075	2076	0	315	3	342	25	87	0	1445	1560	657	2216
56979	57344	2076	2077	0	315	3	342	25	86	0	1445	1559	657	2216
57344	57709	2077	2078	0	315	3	342	25	86	0	1444	1559	658	2216
57709	58074	2078	2079	0	316	3	343	25	85	0	1444	1558	658	2216
58074	58440	2079	2080	0	316	3	343	25	85	0	1444	1557	659	2216
58440	58805	2080	2081	0	316	3	343	25	85	0	1444	1557	659	2216
58805	59170	2081	2082	0	316	3	343	25	85	0	1444	1556	660	2216
59170	59535	2082	2083	0	317	3	344	25	84	0	1443	1556	660	2216
59535	59901	2083	2084	0	317	3	344	24	84	0	1443	1555	661	2216
59901	60266	2084	2085	0	317	3	344	24	84	0	1443	1554	661	2216
60266	60631	2085	2086	0	317	3	344	24	83	0	1443	1554	662	2216
60631	60996	2086	2087	0	318	3	345	24	83	0	1443	1553	662	2216
60996	61362	2087	2088	0	318	3	345	24	83	0	1443	1553	663	2215
61362	61727	2088	2089	0	318	3	345	24	82	0	1442	1552	663	2215
61727	62092	2089	2090	0	318	3	345	24	82	0	1442	1552	663	2215
62092	62457	2090	2091	0	318	3	346	24	82	0	1442	1551	664	2215
62457	62823	2091	2092	0	319	3	346	24	82	0	1442	1551	664	2215
62823	63188	2092	2093	0	319	3	346	24	81	0	1442	1550	665	2215
63188	63553	2093	2094	0	319	3	346	24	81	0	1442	1550	665	2215
63553	63918	2094	2095	0	319	3	346	24	81	0	1442	1549	665	2215
63918	64284	2095	2096	0	319	3	346	24	81	0	1441	1549	666	2215
64284	64649	2096	2097	0	319	3	347	24	80	0	1441	1549	666	2215
64649	65014	2097	2098	0	320	3	347	24	80	0	1441	1548	666	2214
65014	65379	2098	2099	0	320	3	347	24	80	0	1441	1548	667	2214
65379	65745	2099	2100	0	320	3	347	23	80	0	1441	1547	667	2214
65745	66110	2100	2101	0	320	3	347	23	80	0	1441	1547	667	2214
66110	66475	2101	2102	0	320	3	347	23	79	0	1441	1547	667	2214
66475	66840	2102	2103	0	320	3	348	23	79	0	1441	1546	668	2214
66840	67206	2103	2104	0	320	3	348	23	79	0	1440	1546	668	2214
67206	67571	2104	2105	0	320	3	348	23	79	0	1440	1546	668	2214
67571	67936	2105	2106	0	321	3	348	23	79	0	1440	1545	668	2214
67936	68301	2106	2107	0	321	3	348	23	78	0	1440	1545	669	2214
68301	68667	2107	2108	0	321	3	348	23	78	0	1440	1545	669	2213
68667	69032	2108	2109	0	321	3	348	23	78	0	1440	1544	669	2213
69032	69397	2109	2110	0	321	3	348	23	78	0	1440	1544	669	2213

B-6(S5). Modelled groundwater flux (m^3/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 5) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	3652	1920	1930	3.7	2.4	2.6	2.4	4.1	2.6	1.1	13.0	5.9	18.9
3652	7305	1930	1940	3.1	2.1	2.2	1.7	3.4	2.3	0.5	11.0	4.3	15.3
7305	14610	1940	1960	3.1	2.1	2.3	1.8	3.5	2.3	0.5	11.1	4.5	15.6
14610	18263	1960	1970	4.4	2.9	7.3	9.3	3.5	2.3	0.5	17.4	12.8	30.2
18263	21915	1970	1980	4.5	3.0	7.4	10.0	3.5	2.3	0.5	17.7	13.5	31.1
21915	24837	1980	1988	4.5	3.0	7.5	10.2	3.5	2.3	0.5	17.7	13.7	31.5
24837	25202	1988	1989	4.5	3.0	7.5	10.2	3.5	2.3	0.5	17.7	13.7	31.5
25202	25567	1989	1990	4.5	3.0	7.5	10.2	3.5	2.3	0.5	17.8	13.8	31.5
25567	25932	1990	1991	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.8	31.5
25932	26298	1991	1992	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.8	31.5
26298	26663	1992	1993	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.8	31.5
26663	27028	1993	1994	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.8	31.6
27028	27393	1994	1995	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.8	31.6
27393	27759	1995	1996	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.8	31.6
27759	28124	1996	1997	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.8	31.6
28124	28489	1997	1998	4.5	3.0	7.5	10.3	3.5	2.3	0.5	17.8	13.9	31.6
28489	28854	1998	1999	4.6	3.0	7.1	9.8	3.7	2.3	0.6	17.7	13.4	31.0
28854	29220	1999	2000	4.6	2.9	6.5	9.0	3.8	2.4	0.6	17.3	12.6	29.8
29220	29585	2000	2001	3.9	2.7	5.8	8.2	3.4	2.1	0.5	15.2	11.4	26.5
29585	29950	2001	2002	4.9	3.3	5.7	8.1	3.6	2.2	0.8	16.5	12.2	28.7
29950	30315	2002	2003	5.9	3.8	6.0	8.3	4.2	2.5	1.3	18.7	13.3	32.0
30315	30681	2003	2004	6.5	4.0	6.1	8.3	4.6	2.8	1.7	20.0	14.0	34.0
30681	31046	2004	2005	5.7	3.9	5.4	7.5	4.0	2.4	1.3	17.5	12.6	30.2
31046	31411	2005	2006	5.8	3.9	5.3	7.3	4.1	2.4	1.3	17.6	12.5	30.2
31411	31776	2006	2007	5.8	3.9	5.2	7.0	4.1	2.4	1.4	17.5	12.3	29.8
31776	32142	2007	2008	7.0	4.2	5.8	7.6	5.0	3.0	2.0	20.8	13.9	34.6
32142	32507	2008	2009	10.4	5.1	7.6	9.7	7.6	4.8	4.0	30.4	18.8	49.2
32507	32872	2009	2010	12.7	5.7	8.9	11.3	9.5	6.3	5.4	37.3	22.5	59.8
32872	33237	2010	2011	10.5	5.2	7.5	9.8	8.1	5.1	4.3	31.2	19.3	50.5
33237	33603	2011	2012	9.4	4.9	6.9	9.0	7.4	4.5	3.8	28.3	17.8	46.0
33603	33968	2012	2013	8.7	4.7	6.5	8.6	7.0	4.2	3.5	26.5	16.8	43.3
33968	34333	2013	2014	8.3	4.6	6.3	8.3	6.7	3.9	3.3	25.2	16.2	41.3
34333	34698	2014	2015	7.9	4.6	6.1	8.0	6.5	3.8	3.1	24.3	15.7	39.9
34698	35064	2015	2016	7.6	4.5	5.9	7.8	6.3	3.6	3.0	23.5	15.3	38.8
35064	35429	2016	2017	7.4	4.5	5.8	7.6	6.2	3.5	2.9	22.9	14.9	37.9
35429	35794	2017	2018	7.3	4.4	5.7	7.5	6.0	3.5	2.8	22.5	14.7	37.1
35794	36159	2018	2019	7.1	4.4	5.6	7.4	5.9	3.4	2.7	22.0	14.5	36.5
36159	36525	2019	2020	7.0	4.4	5.5	7.3	5.8	3.3	2.6	21.7	14.3	36.0
36525	36890	2020	2021	6.9	4.3	5.5	7.2	5.7	3.3	2.6	21.4	14.1	35.5
36890	37255	2021	2022	6.8	4.3	5.4	7.1	5.7	3.2	2.5	21.1	13.9	35.1
37255	37620	2022	2023	6.7	4.3	5.4	7.0	5.6	3.2	2.5	20.9	13.8	34.7
37620	37986	2023	2024	6.6	4.3	5.3	7.0	5.6	3.2	2.4	20.7	13.7	34.4
37986	38351	2024	2025	6.8	4.3	5.5	7.0	6.2	3.2	2.4	21.7	13.8	35.5

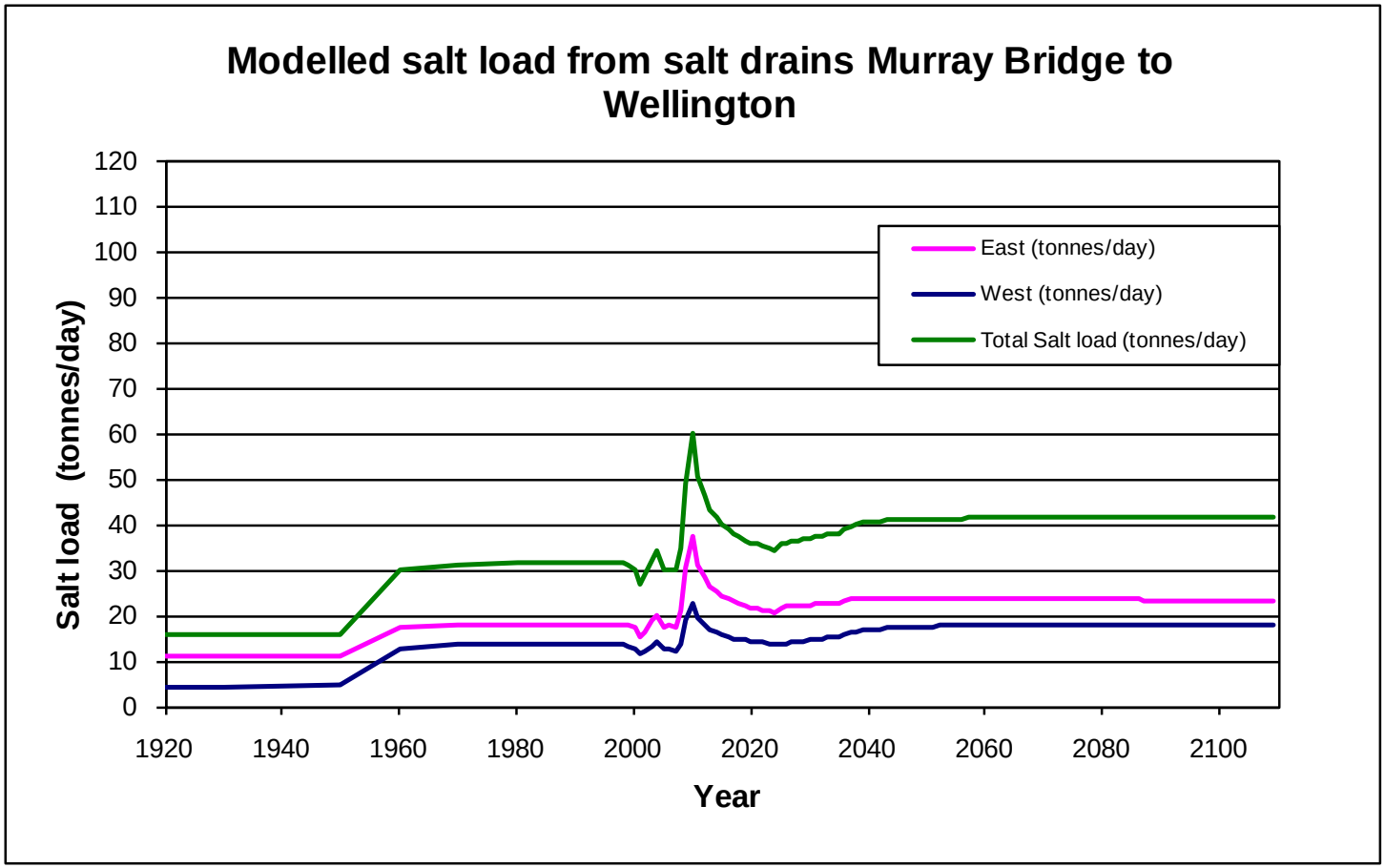
B-6(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 5) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	6.9	4.4	5.5	7.0	6.4	3.1	2.4	21.9	13.8	35.7
38716	39081	2026	2027	7.0	4.5	5.6	7.2	6.4	3.1	2.5	22.1	14.1	36.2
39081	39447	2027	2028	7.1	4.5	5.6	7.3	6.4	3.1	2.5	22.2	14.3	36.5
39447	39812	2028	2029	7.2	4.6	5.6	7.3	6.4	3.1	2.5	22.3	14.4	36.7
39812	40177	2029	2030	7.2	4.6	5.6	7.4	6.4	3.1	2.5	22.3	14.5	36.9
40177	40542	2030	2031	7.3	4.7	5.8	7.5	6.4	3.1	2.5	22.5	14.7	37.2
40542	40908	2031	2032	7.3	4.7	5.8	7.5	6.4	3.0	2.6	22.6	14.8	37.4
40908	41273	2032	2033	7.3	4.8	5.9	7.6	6.4	3.0	2.6	22.7	15.0	37.6
41273	41638	2033	2034	7.3	4.9	5.9	7.7	6.4	3.0	2.6	22.7	15.1	37.8
41638	42003	2034	2035	7.3	4.9	6.0	7.7	6.4	3.0	2.6	22.7	15.2	37.9
42003	42369	2035	2036	7.6	5.1	6.3	7.8	6.5	3.0	2.8	23.3	15.8	39.0
42369	42734	2036	2037	7.6	5.2	6.4	7.9	6.5	3.0	3.0	23.5	16.2	39.6
42734	43099	2037	2038	7.7	5.3	6.4	8.0	6.5	3.0	3.2	23.6	16.4	40.0
43099	43464	2038	2039	7.7	5.3	6.5	8.0	6.5	3.0	3.3	23.6	16.7	40.3
43464	43830	2039	2040	7.7	5.4	6.5	8.1	6.5	2.9	3.4	23.6	16.8	40.4
43830	44195	2040	2041	7.7	5.4	6.5	8.1	6.5	2.9	3.4	23.6	17.0	40.6
44195	44560	2041	2042	7.7	5.5	6.5	8.1	6.5	2.9	3.5	23.6	17.1	40.7
44560	44925	2042	2043	7.7	5.5	6.6	8.1	6.4	2.9	3.6	23.6	17.2	40.8
44925	45291	2043	2044	7.7	5.5	6.6	8.1	6.4	2.9	3.6	23.6	17.2	40.9
45291	45656	2044	2045	7.7	5.5	6.6	8.2	6.4	2.9	3.6	23.6	17.3	40.9
45656	46021	2045	2046	7.7	5.5	6.6	8.2	6.4	2.9	3.7	23.6	17.4	41.0
46021	46386	2046	2047	7.7	5.6	6.6	8.2	6.4	2.9	3.7	23.6	17.4	41.0
46386	46752	2047	2048	7.7	5.6	6.6	8.2	6.4	2.9	3.7	23.6	17.5	41.0
46752	47117	2048	2049	7.7	5.6	6.6	8.2	6.4	2.9	3.7	23.5	17.5	41.1
47117	47482	2049	2050	7.7	5.6	6.6	8.2	6.4	2.9	3.8	23.5	17.6	41.1
47482	47847	2050	2051	7.7	5.6	6.6	8.2	6.4	2.9	3.8	23.5	17.6	41.1
47847	48213	2051	2052	7.7	5.6	6.6	8.2	6.4	2.9	3.8	23.5	17.6	41.1
48213	48578	2052	2053	7.7	5.6	6.6	8.2	6.4	2.8	3.8	23.5	17.7	41.1
48578	48943	2053	2054	7.7	5.6	6.6	8.2	6.4	2.8	3.8	23.4	17.7	41.1
48943	49308	2054	2055	7.7	5.7	6.6	8.2	6.4	2.8	3.8	23.4	17.7	41.2
49308	49674	2055	2056	7.7	5.7	6.6	8.2	6.5	2.8	3.9	23.5	17.8	41.3
49674	50039	2056	2057	7.7	5.7	6.6	8.2	6.5	2.8	3.9	23.6	17.8	41.4
50039	50404	2057	2058	7.7	5.7	6.6	8.2	6.6	2.8	3.9	23.6	17.8	41.4
50404	50769	2058	2059	7.7	5.7	6.5	8.2	6.6	2.8	3.9	23.6	17.8	41.5
50769	51135	2059	2060	7.7	5.7	6.5	8.2	6.6	2.8	3.9	23.7	17.8	41.5
51135	51500	2060	2061	7.7	5.7	6.5	8.2	6.6	2.8	3.9	23.7	17.8	41.5
51500	51865	2061	2062	7.7	5.7	6.5	8.2	6.6	2.8	3.9	23.7	17.9	41.5
51865	52230	2062	2063	7.7	5.7	6.5	8.2	6.6	2.8	3.9	23.7	17.9	41.5
52230	52596	2063	2064	7.7	5.7	6.5	8.2	6.6	2.8	3.9	23.6	17.9	41.5
52596	52961	2064	2065	7.6	5.7	6.5	8.2	6.6	2.8	3.9	23.6	17.9	41.5
52961	53326	2065	2066	7.6	5.7	6.5	8.2	6.6	2.8	3.9	23.6	17.9	41.5
53326	53691	2066	2067	7.6	5.7	6.5	8.3	6.6	2.8	3.9	23.6	17.9	41.6

B-6(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 5) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z50-Z32	Z50-Z33	Z50-Z34	Z50-Z35	Z50-Z36	Z50-Z37	Z50-Z39	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	7.6	5.7	6.5	8.3	6.6	2.8	3.9	23.6	17.9	41.6
54057	54422	2068	2069	7.6	5.7	6.5	8.3	6.6	2.8	4.0	23.6	18.0	41.6
54422	54787	2069	2070	7.6	5.7	6.5	8.3	6.6	2.8	4.0	23.6	18.0	41.6
54787	55152	2070	2071	7.6	5.7	6.5	8.3	6.6	2.8	4.0	23.6	18.0	41.6
55152	55518	2071	2072	7.6	5.8	6.5	8.3	6.6	2.8	4.0	23.6	18.0	41.6
55518	55883	2072	2073	7.6	5.8	6.5	8.3	6.6	2.8	4.0	23.6	18.0	41.6
55883	56248	2073	2074	7.6	5.8	6.5	8.3	6.6	2.8	4.0	23.6	18.0	41.5
56248	56613	2074	2075	7.6	5.8	6.5	8.3	6.6	2.8	4.0	23.5	18.0	41.5
56613	56979	2075	2076	7.6	5.8	6.5	8.3	6.6	2.8	4.0	23.5	18.0	41.5
56979	57344	2076	2077	7.6	5.8	6.5	8.3	6.6	2.8	4.0	23.5	18.0	41.5
57344	57709	2077	2078	7.6	5.8	6.5	8.3	6.6	2.8	4.0	23.5	18.0	41.5
57709	58074	2078	2079	7.6	5.8	6.5	8.3	6.6	2.8	4.0	23.5	18.0	41.5
58074	58440	2079	2080	7.6	5.8	6.5	8.3	6.6	2.8	4.0	23.5	18.0	41.5
58440	58805	2080	2081	7.6	5.8	6.5	8.3	6.6	2.8	4.0	23.5	18.0	41.5
58805	59170	2081	2082	7.6	5.8	6.5	8.3	6.6	2.8	4.0	23.5	18.0	41.5
59170	59535	2082	2083	7.6	5.8	6.5	8.3	6.6	2.8	4.0	23.5	18.0	41.5
59535	59901	2083	2084	7.6	5.8	6.5	8.3	6.6	2.8	4.0	23.5	18.1	41.5
59901	60266	2084	2085	7.6	5.8	6.5	8.3	6.6	2.8	4.0	23.4	18.1	41.5
60266	60631	2085	2086	7.6	5.8	6.5	8.3	6.6	2.8	4.0	23.4	18.1	41.5
60631	60996	2086	2087	7.6	5.8	6.5	8.3	6.6	2.8	4.0	23.4	18.1	41.5
60996	61362	2087	2088	7.6	5.8	6.5	8.3	6.6	2.8	4.0	23.4	18.1	41.5
61362	61727	2088	2089	7.6	5.8	6.5	8.3	6.6	2.8	4.0	23.4	18.1	41.5
61727	62092	2089	2090	7.6	5.8	6.5	8.3	6.6	2.7	4.0	23.4	18.1	41.5
62092	62457	2090	2091	7.6	5.8	6.5	8.3	6.6	2.7	4.0	23.4	18.1	41.5
62457	62823	2091	2092	7.6	5.8	6.5	8.3	6.6	2.7	4.0	23.4	18.1	41.5
62823	63188	2092	2093	7.6	5.8	6.5	8.3	6.6	2.7	4.0	23.4	18.1	41.5
63188	63553	2093	2094	7.6	5.8	6.5	8.3	6.6	2.7	4.0	23.4	18.1	41.5
63553	63918	2094	2095	7.6	5.8	6.5	8.3	6.6	2.7	4.0	23.4	18.1	41.5
63918	64284	2095	2096	7.6	5.8	6.5	8.3	6.6	2.7	4.0	23.4	18.1	41.5
64284	64649	2096	2097	7.6	5.8	6.5	8.3	6.6	2.7	4.0	23.4	18.1	41.5
64649	65014	2097	2098	7.6	5.8	6.5	8.3	6.5	2.7	4.0	23.3	18.1	41.4
65014	65379	2098	2099	7.6	5.8	6.5	8.3	6.5	2.7	4.0	23.3	18.1	41.4
65379	65745	2099	2100	7.6	5.8	6.5	8.3	6.5	2.7	4.0	23.3	18.1	41.4
65745	66110	2100	2101	7.6	5.8	6.5	8.3	6.5	2.7	4.0	23.3	18.1	41.4
66110	66475	2101	2102	7.6	5.8	6.5	8.3	6.5	2.7	4.0	23.3	18.1	41.4
66475	66840	2102	2103	7.6	5.8	6.5	8.3	6.5	2.7	4.0	23.3	18.1	41.4
66840	67206	2103	2104	7.6	5.8	6.5	8.3	6.5	2.7	4.0	23.3	18.1	41.4
67206	67571	2104	2105	7.6	5.8	6.5	8.3	6.5	2.7	4.0	23.3	18.1	41.4
67571	67936	2105	2106	7.6	5.8	6.5	8.3	6.5	2.7	4.0	23.3	18.1	41.4
67936	68301	2106	2107	7.6	5.8	6.5	8.3	6.5	2.7	4.0	23.3	18.1	41.4
68301	68667	2107	2108	7.6	5.8	6.5	8.3	6.5	2.7	4.0	23.3	18.1	41.4
68667	69032	2108	2109	7.6	5.8	6.5	8.3	6.5	2.7	4.0	23.3	18.1	41.4
69032	69397	2109	2110	7.6	5.8	6.5	8.3	6.5	2.7	4.0	23.3	18.1	41.4
		Salinity (mg/L)		5,000	5,000	7,000	10,000	10,000	7,000	6,000			

B-6(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 5) (highland to salt drains)



B-6(S5). Graph of modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 5) (highland to salt drains)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
0	*3652*	1920	1930	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.0***	2.7
3652	*7305*	1930	1940	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.7
7305	*14610*	1940	1960	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.7
14610	*18263*	1960	1970	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
18263	*21915*	1970	1980	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
21915	*24837*	1980	1988	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
24837	*25202*	1988	1989	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
25202	*25567*	1989	1990	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
25567	*25932*	1990	1991	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
25932	*26298*	1991	1992	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
26298	*26663*	1992	1993	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
26663	*27028*	1993	1994	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
27028	*27393*	1994	1995	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
27393	*27759*	1995	1996	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
27759	*28124*	1996	1997	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
28124	*28489*	1997	1998	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
28489	*28854*	1998	1999	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
28854	*29220*	1999	2000	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.7***	***0.1***	2.8
29220	*29585*	2000	2001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	***1.7***	***0.0***	1.7
29585	*29950*	2001	2002	0.0	0.2	0.0	0.4	0.0	0.1	0.0	3.2	***3.3***	***0.6***	3.9
29950	*30315*	2002	2003	0.0	0.5	0.0	0.9	0.0	0.3	0.0	4.4	***4.7***	***1.4***	6.1
30315	*30681*	2003	2004	0.0	0.7	0.0	1.2	0.0	0.5	0.0	5.1	***5.7***	***1.9***	7.6
30681	*31046*	2004	2005	0.0	0.5	0.0	0.9	0.0	0.2	0.0	3.7	***3.9***	***1.5***	5.4
31046	*31411*	2005	2006	0.0	0.6	0.0	1.0	0.0	0.2	0.0	3.8	***4.0***	***1.6***	5.6
31411	*31776*	2006	2007	0.0	0.6	0.0	1.1	0.0	0.2	0.0	3.7	***3.9***	***1.7***	5.6
31776	*32142*	2007	2008	0.0	0.9	0.0	1.6	0.0	0.7	0.0	5.5	***6.3***	***2.5***	8.8
32142	*32507*	2008	2009	0.0	1.9	0.0	3.3	0.5	2.5	0.0	10.5	***13.5***	***5.2***	18.7
32507	*32872*	2009	2010	0.0	2.5	0.1	4.2	1.0	3.8	0.0	14.6	***19.6***	***6.8***	26.4
32872	*33237*	2010	2011	0.0	1.8	0.1	3.2	0.6	2.9	0.0	11.9	***15.5***	***5.0***	20.5
33237	*33603*	2011	2012	0.0	1.5	0.0	2.8	0.4	2.4	0.0	10.6	***13.5***	***4.3***	17.8
33603	*33968*	2012	2013	0.0	1.4	0.0	2.5	0.3	2.1	0.0	9.9	***12.3***	***3.9***	16.2
33968	*34333*	2013	2014	0.0	1.3	0.0	2.4	0.2	1.9	0.0	9.4	***11.5***	***3.7***	15.2
34333	*34698*	2014	2015	0.0	1.2	0.0	2.3	0.1	1.7	0.0	9.1	***11.0***	***3.5***	14.5
34698	*35064*	2015	2016	0.0	1.2	0.0	2.2	0.1	1.6	0.0	8.9	***10.6***	***3.4***	13.9
35064	*35429*	2016	2017	0.0	1.2	0.0	2.2	0.1	1.5	0.0	8.7	***10.2***	***3.3***	13.6
35429	*35794*	2017	2018	0.0	1.1	0.0	2.1	0.1	1.4	0.0	8.6	***10.0***	***3.2***	13.2
35794	*36159*	2018	2019	0.0	1.1	0.0	2.1	0.0	1.3	0.0	8.5	***9.8***	***3.2***	13.0
36159	*36525*	2019	2020	0.0	1.1	0.0	2.1	0.0	1.3	0.0	8.4	***9.7***	***3.1***	12.8
36525	*36890*	2020	2021	0.0	1.1	0.0	2.0	0.0	1.2	0.0	8.3	***9.5***	***3.1***	12.6
36890	*37255*	2021	2022	0.0	1.1	0.0	2.0	0.0	1.2	0.0	8.2	***9.4***	***3.1***	12.5
37255	*37620*	2022	2023	0.0	1.0	0.0	2.0	0.0	1.1	0.0	8.2	***9.3***	***3.0***	12.4
37620	*37986*	2023	2024	0.0	1.0	0.0	2.0	0.0	1.1	0.0	8.2	***9.3***	***3.0***	12.3
37986	*38351*	2024	2025	0.0	1.2	0.0	2.1	0.0	1.1	0.0	8.2	***9.2***	***3.3***	12.5

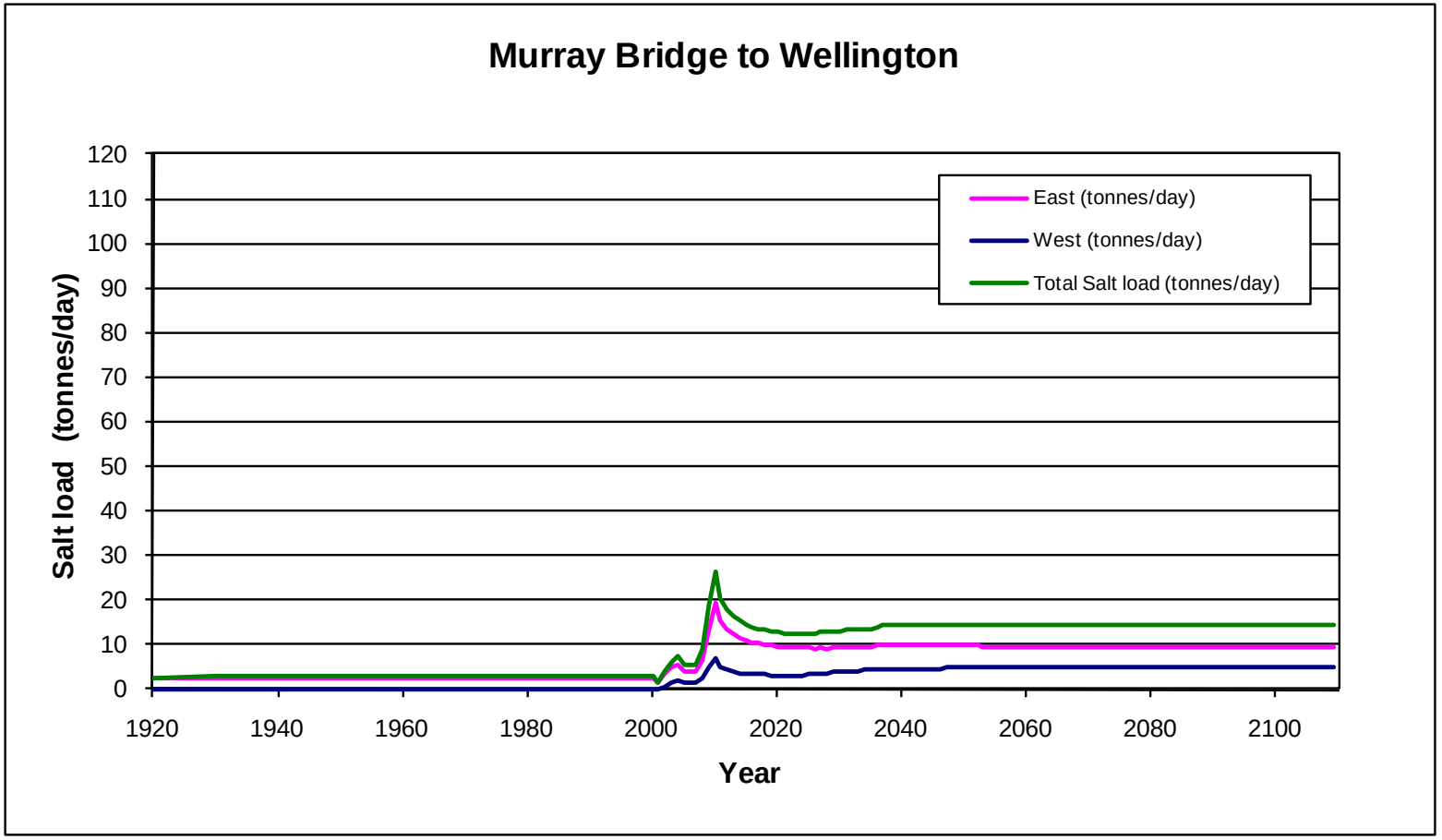
B-6(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 5) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
38351	38716	2025	2026	0.0	1.2	0.0	2.2	0.0	1.0	0.0	8.1	9.2	3.4	12.5
38716	39081	2026	2027	0.0	1.2	0.0	2.3	0.1	1.0	0.0	8.1	9.2	3.5	12.7
39081	39447	2027	2028	0.0	1.3	0.0	2.4	0.1	1.0	0.0	8.1	9.2	3.7	12.8
39447	39812	2028	2029	0.0	1.3	0.0	2.4	0.1	1.0	0.0	8.3	9.3	3.7	13.0
39812	40177	2029	2030	0.0	1.3	0.0	2.5	0.1	0.9	0.0	8.3	9.3	3.8	13.1
40177	40542	2030	2031	0.0	1.3	0.0	2.5	0.1	0.9	0.0	8.3	9.4	3.9	13.2
40542	40908	2031	2032	0.0	1.3	0.0	2.6	0.2	0.9	0.0	8.3	9.4	3.9	13.3
40908	41273	2032	2033	0.0	1.4	0.0	2.8	0.2	0.9	0.0	8.3	9.4	4.2	13.5
41273	41638	2033	2034	0.0	1.4	0.0	2.9	0.2	0.9	0.0	8.3	9.3	4.3	13.6
41638	42003	2034	2035	0.0	1.4	0.0	2.9	0.2	0.9	0.0	8.2	9.3	4.3	13.7
42003	42369	2035	2036	0.0	1.4	0.0	3.0	0.2	0.8	0.0	8.7	9.8	4.4	14.1
42369	42734	2036	2037	0.0	1.4	0.0	3.0	0.2	0.8	0.0	8.7	9.8	4.4	14.3
42734	43099	2037	2038	0.0	1.4	0.0	3.1	0.3	0.8	0.0	8.8	9.9	4.5	14.3
43099	43464	2038	2039	0.0	1.4	0.0	3.1	0.3	0.8	0.0	8.8	9.9	4.5	14.4
43464	43830	2039	2040	0.0	1.5	0.0	3.1	0.3	0.8	0.0	8.8	9.9	4.6	14.4
43830	44195	2040	2041	0.0	1.5	0.0	3.1	0.3	0.8	0.0	8.8	9.8	4.6	14.4
44195	44560	2041	2042	0.0	1.5	0.0	3.2	0.3	0.8	0.0	8.8	9.8	4.6	14.5
44560	44925	2042	2043	0.0	1.5	0.0	3.2	0.3	0.8	0.0	8.8	9.8	4.6	14.5
44925	45291	2043	2044	0.0	1.5	0.0	3.2	0.3	0.8	0.0	8.8	9.8	4.7	14.5
45291	45656	2044	2045	0.0	1.5	0.0	3.2	0.3	0.7	0.0	8.7	9.8	4.7	14.5
45656	46021	2045	2046	0.0	1.5	0.0	3.2	0.3	0.7	0.0	8.7	9.8	4.7	14.5
46021	46386	2046	2047	0.0	1.5	0.0	3.2	0.3	0.7	0.0	8.7	9.8	4.7	14.5
46386	46752	2047	2048	0.0	1.5	0.0	3.2	0.3	0.7	0.0	8.7	9.8	4.7	14.5
46752	47117	2048	2049	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.7	4.8	14.5
47117	47482	2049	2050	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.7	4.8	14.5
47482	47847	2050	2051	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.7	4.8	14.5
47847	48213	2051	2052	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.7	4.8	14.5
48213	48578	2052	2053	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.7	4.8	14.5
48578	48943	2053	2054	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.7	4.8	14.5
48943	49308	2054	2055	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.7	4.8	14.5
49308	49674	2055	2056	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.7	4.9	14.5
49674	50039	2056	2057	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.7	4.9	14.5
50039	50404	2057	2058	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.7	4.9	14.5
50404	50769	2058	2059	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.6	4.9	14.5
50769	51135	2059	2060	0.0	1.5	0.0	3.3	0.3	0.7	0.0	8.7	9.6	4.9	14.5
51135	51500	2060	2061	0.0	1.5	0.0	3.4	0.3	0.7	0.0	8.7	9.6	4.9	14.5
51500	51865	2061	2062	0.0	1.5	0.0	3.4	0.3	0.6	0.0	8.7	9.6	4.9	14.5
51865	52230	2062	2063	0.0	1.6	0.0	3.4	0.3	0.6	0.0	8.7	9.6	4.9	14.5
52230	52596	2063	2064	0.0	1.6	0.0	3.4	0.3	0.6	0.0	8.7	9.6	4.9	14.5
52596	52961	2064	2065	0.0	1.6	0.0	3.4	0.3	0.6	0.0	8.7	9.6	4.9	14.5
52961	53326	2065	2066	0.0	1.6	0.0	3.4	0.3	0.6	0.0	8.7	9.6	4.9	14.5
53326	53691	2066	2067	0.0	1.6	0.0	3.4	0.3	0.6	0.0	8.7	9.6	4.9	14.5

B-6(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 5) (floodplain to river)

Start (day)	Stop (day)	Start Time (year)	Stop Time (year)	Z32-Z2	Z33-Z2	Z34-Z2	Z35-Z2	Z36-Z2	Z37-Z2	Z39-Z2	Z49-Z2	Total East (t/day)	Total West (t/day)	Salt Load (t/day)
53691	54057	2067	2068	0.0	1.6	0.0	3.4	0.3	0.6	0.0	8.7	9.6	4.9	14.5
54057	54422	2068	2069	0.0	1.6	0.0	3.4	0.3	0.6	0.0	8.7	9.6	5.0	14.5
54422	54787	2069	2070	0.0	1.6	0.0	3.4	0.3	0.6	0.0	8.7	9.6	5.0	14.5
54787	55152	2070	2071	0.0	1.6	0.0	3.4	0.3	0.6	0.0	8.7	9.6	5.0	14.5
55152	55518	2071	2072	0.0	1.6	0.0	3.4	0.3	0.6	0.0	8.7	9.6	5.0	14.5
55518	55883	2072	2073	0.0	1.6	0.0	3.4	0.3	0.6	0.0	8.7	9.6	5.0	14.5
55883	56248	2073	2074	0.0	1.6	0.0	3.4	0.3	0.6	0.0	8.7	9.6	5.0	14.5
56248	56613	2074	2075	0.0	1.6	0.0	3.4	0.3	0.6	0.0	8.7	9.6	5.0	14.5
56613	56979	2075	2076	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
56979	57344	2076	2077	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
57344	57709	2077	2078	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
57709	58074	2078	2079	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
58074	58440	2079	2080	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
58440	58805	2080	2081	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
58805	59170	2081	2082	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
59170	59535	2082	2083	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
59535	59901	2083	2084	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
59901	60266	2084	2085	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
60266	60631	2085	2086	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
60631	60996	2086	2087	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
60996	61362	2087	2088	0.0	1.6	0.0	3.4	0.2	0.6	0.0	8.7	9.5	5.0	14.5
61362	61727	2088	2089	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.7	9.5	5.0	14.5
61727	62092	2089	2090	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.7	9.5	5.0	14.5
62092	62457	2090	2091	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.7	9.5	5.0	14.5
62457	62823	2091	2092	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.7	9.5	5.0	14.5
62823	63188	2092	2093	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.7	9.5	5.1	14.5
63188	63553	2093	2094	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.6	9.5	5.1	14.5
63553	63918	2094	2095	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.6	9.5	5.1	14.5
63918	64284	2095	2096	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.6	9.5	5.1	14.5
64284	64649	2096	2097	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.6	9.5	5.1	14.5
64649	65014	2097	2098	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.6	9.5	5.1	14.5
65014	65379	2098	2099	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.6	9.5	5.1	14.5
65379	65745	2099	2100	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.6	9.5	5.1	14.5
65745	66110	2100	2101	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.6	9.5	5.1	14.5
66110	66475	2101	2102	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.6	9.5	5.1	14.5
66475	66840	2102	2103	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.6	9.5	5.1	14.5
66840	67206	2103	2104	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.6	9.5	5.1	14.5
67206	67571	2104	2105	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.6	9.4	5.1	14.5
67571	67936	2105	2106	0.0	1.6	0.0	3.5	0.2	0.6	0.0	8.6	9.4	5.1	14.5
67936	68301	2106	2107	0.0	1.6	0.0	3.5	0.2	0.5	0.0	8.6	9.4	5.1	14.5
68301	68667	2107	2108	0.0	1.6	0.0	3.5	0.2	0.5	0.0	8.6	9.4	5.1	14.5
68667	69032	2108	2109	0.0	1.6	0.0	3.5	0.2	0.5	0.0	8.6	9.4	5.1	14.5
69032	69397	2109	2110	0.0	1.6	0.0	3.5	0.2	0.5	0.0	8.6	9.4	5.1	14.5
		Salinity (mg/L)		5,000	5,000	7,000	10,000	10,000	7,000	6,000	6,000			

B-6(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 5) (floodplain to river)



B-6(S5). Graph of modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 5) (floodplain to river)

C. MODEL OUTPUTS (SENSITIVITY TEST)
C-1. MODEL OUTPUT –SENSITIVITY TEST 1

•Output data for salt load in the Lock 1 to Wellington area for different long term river levels downstream of Lock 1, post 2010.

Start	Stop	Start Time (year)	Stop Time (year)	River level of 0.7 m AHD below Lock 1 post 2010	River level of 0.1 m AHD below Lock 1 post 2010	River level of -0.7 m AHD below Lock 1 post 2010
0	3653	1920	1930	49.3	49.3	49.3
3653	10950	1930	1950	48.7	48.7	48.7
10950	14610	1950	1960	60.7	60.7	60.7
14610	18263	1960	1970	83.9	83.9	83.9
18263	21915	1970	1980	89.8	89.8	89.8
21915	24837	1980	1988	91.7	91.7	91.7
24837	25202	1988	1989	91.9	91.9	91.9
25202	25568	1989	1990	92.0	92.0	92.0
25568	25933	1990	1991	92.1	92.1	92.1
25933	26298	1991	1992	92.2	92.2	92.2
26298	26663	1992	1993	92.2	92.2	92.2
26663	27029	1993	1994	92.3	92.3	92.3
27029	27394	1994	1995	92.3	92.3	92.3
27394	27759	1995	1996	92.9	92.9	92.9
27759	28124	1996	1997	93.5	93.5	93.5
28124	28490	1997	1998	93.9	93.9	93.9
28490	28855	1998	1999	92.9	92.9	92.9
28855	29220	1999	2000	89.8	89.8	89.8
29220	29585	2000	2001	78.1	78.1	78.1
29585	29951	2001	2002	86.5	86.5	86.5
29951	30316	2002	2003	99.6	99.6	99.6
30316	30681	2003	2004	107.8	107.8	107.8
30681	31046	2004	2005	91.1	91.1	91.1
31046	31412	2005	2006	91.6	91.6	91.6
31412	31777	2006	2007	90.5	90.5	90.5
31777	32142	2007	2008	112.5	112.5	112.5
32142	32507	2008	2009	179.8	179.8	179.8
32507	32872	2009	2010	228.6	228.6	228.6
32872	33238	2010	2011	38.0	83.2	186.0
33238	33603	2011	2012	57.2	96.9	165.8
33603	33968	2012	2013	65.9	99.7	153.7
33968	34333	2013	2014	70.4	99.9	145.4
34333	34699	2014	2015	72.9	99.4	139.3
34699	35064	2015	2016	74.4	98.6	134.6
35064	35429	2016	2017	75.4	97.8	130.9
35429	35794	2017	2018	76.0	97.0	127.7
35794	36160	2018	2019	76.2	96.1	125.0
36160	36525	2019	2020	76.6	95.5	122.8
36525	36890	2020	2021	76.8	94.9	121.0
36890	37255	2021	2022	77.1	94.5	119.4
37255	37621	2022	2023	77.2	94.0	118.0
37621	37986	2023	2024	77.4	93.6	116.8
37986	38351	2024	2025	80.3	96.3	118.8

C-1. Modelled salt load (tonnes/day) entering the River Murray between Lock 1 and Wellington under different long term river levels (below Lock 1 and post 2010).

Start	Stop	Start Time (year)	Stop Time (year)	River level of 0.7 m AHD below Lock 1 post 2010	River level of 0.1 m AHD below Lock 1 post 2010	River level of -0.7 m AHD below Lock 1 post 2010
38351	38716	2025	2026	81.6	97.2	119.1
38716	39082	2026	2027	83.7	99.0	120.4
39082	39447	2027	2028	85.0	100.0	120.9
39447	39812	2028	2029	86.5	101.3	121.8
39812	40177	2029	2030	87.7	102.2	122.2
40177	40543	2030	2031	89.4	103.7	123.4
40543	40908	2031	2032	90.6	104.7	124.0
40908	41273	2032	2033	92.8	106.7	125.7
41273	41638	2033	2034	94.2	107.9	126.6
41638	42004	2034	2035	95.2	108.7	127.1
42004	42369	2035	2036	99.0	112.5	130.8
42369	42734	2036	2037	101.5	114.9	132.9
42734	43099	2037	2038	103.3	116.5	134.4
43099	43465	2038	2039	104.8	117.9	135.4
43465	43830	2039	2040	106.0	119.0	136.3
43830	44195	2040	2041	107.1	119.9	137.0
44195	44560	2041	2042	108.0	120.7	137.6
44560	44926	2042	2043	108.9	121.4	138.1
44926	45291	2043	2044	109.6	122.1	138.6
45291	45656	2044	2045	110.3	122.7	139.0
45656	46021	2045	2046	111.0	123.2	139.4
46021	46387	2046	2047	111.6	123.7	139.7
46387	46752	2047	2048	112.2	124.2	140.0
46752	47117	2048	2049	112.7	124.6	140.3
47117	47482	2049	2050	113.2	125.1	140.6
47482	47848	2050	2051	113.7	125.4	140.8
47848	48213	2051	2052	114.2	125.8	141.1
48213	48578	2052	2053	114.6	126.2	141.3
48578	48943	2053	2054	115.0	126.5	141.5
48943	49309	2054	2055	115.4	126.8	141.7
49309	49674	2055	2056	116.0	127.3	142.0
49674	50039	2056	2057	116.5	127.7	142.3
50039	50404	2057	2058	116.9	128.1	142.6
50404	50770	2058	2059	117.3	128.4	142.8
50770	51135	2059	2060	117.6	128.7	143.0
51135	51500	2060	2061	118.0	128.9	143.2
51500	51865	2061	2062	118.3	129.2	143.3
51865	52231	2062	2063	118.6	129.4	143.4
52231	52596	2063	2064	118.9	129.6	143.6
52596	52961	2064	2065	119.1	129.9	143.7
52961	53326	2065	2066	119.4	130.1	143.8
53326	53692	2066	2067	119.7	130.3	143.9

C-1. Modelled salt load (tonnes/day) entering the River Murray between Lock 1 and Wellington under different long term river levels (below Lock 1 and post 2010).

Start	Stop	Start Time (year)	Stop Time (year)	River level of 0.7 m AHD below Lock 1 post 2010	River level of 0.1 m AHD below Lock 1 post 2010	River level of -0.7 m AHD below Lock 1 post 2010
53692	54057	2067	2068	119.8	130.3	143.9
54057	54422	2068	2069	120.0	130.5	144.0
54422	54787	2069	2070	120.2	130.7	144.2
54787	55153	2070	2071	120.5	130.9	144.3
55153	55518	2071	2072	120.7	131.0	144.3
55518	55883	2072	2073	120.9	131.2	144.4
55883	56248	2073	2074	121.1	131.4	144.5
56248	56614	2074	2075	121.3	131.5	144.6
56614	56979	2075	2076	121.5	131.7	144.7
56979	57344	2076	2077	121.7	131.8	144.8
57344	57709	2077	2078	121.9	132.0	144.8
57709	58075	2078	2079	122.0	132.1	144.9
58075	58440	2079	2080	122.2	132.2	145.0
58440	58805	2080	2081	122.4	132.3	145.1
58805	59170	2081	2082	122.5	132.5	145.1
59170	59536	2082	2083	122.7	132.6	145.2
59536	59901	2083	2084	122.8	132.7	145.3
59901	60266	2084	2085	123.0	132.8	145.3
60266	60631	2085	2086	123.1	132.9	145.4
60631	60997	2086	2087	123.3	133.0	145.4
60997	61362	2087	2088	123.4	133.1	145.5
61362	61727	2088	2089	123.5	133.2	145.5
61727	62092	2089	2090	123.7	133.3	145.6
62092	62458	2090	2091	123.8	133.4	145.6
62458	62823	2091	2092	123.9	133.5	145.7
62823	63188	2092	2093	124.0	133.6	145.7
63188	63553	2093	2094	124.1	133.7	145.8
63553	63919	2094	2095	124.3	133.8	145.8
63919	64284	2095	2096	124.4	133.9	145.9
64284	64649	2096	2097	124.5	133.9	145.9
64649	65014	2097	2098	124.6	134.0	145.9
65014	65380	2098	2099	124.7	134.1	146.0
65380	65745	2099	2100	124.8	134.2	146.0
65745	66110	2100	2101	124.9	134.2	146.0
66110	66475	2101	2102	125.0	134.3	146.1
66475	66841	2102	2103	125.1	134.4	146.1
66841	67206	2103	2104	125.2	134.4	146.1
67206	67571	2104	2105	125.2	134.5	146.2
67571	67936	2105	2106	125.3	134.5	146.2
67936	68302	2106	2107	125.4	134.6	146.2
68302	68667	2107	2108	125.5	134.7	146.2
68667	69032	2108	2109	125.6	134.7	146.3
69032		2109	2110	125.6	134.7	146.4

C-1. Modelled salt load (tonnes/day) entering the River Murray between Lock 1 and Wellington under different long term river levels (below Lock 1 and post 2010).