DWLBC Technical Report

Morgan to Wellington numerical groundwater model 2010 (Volume 2 - Appendix)

Government of South Australia

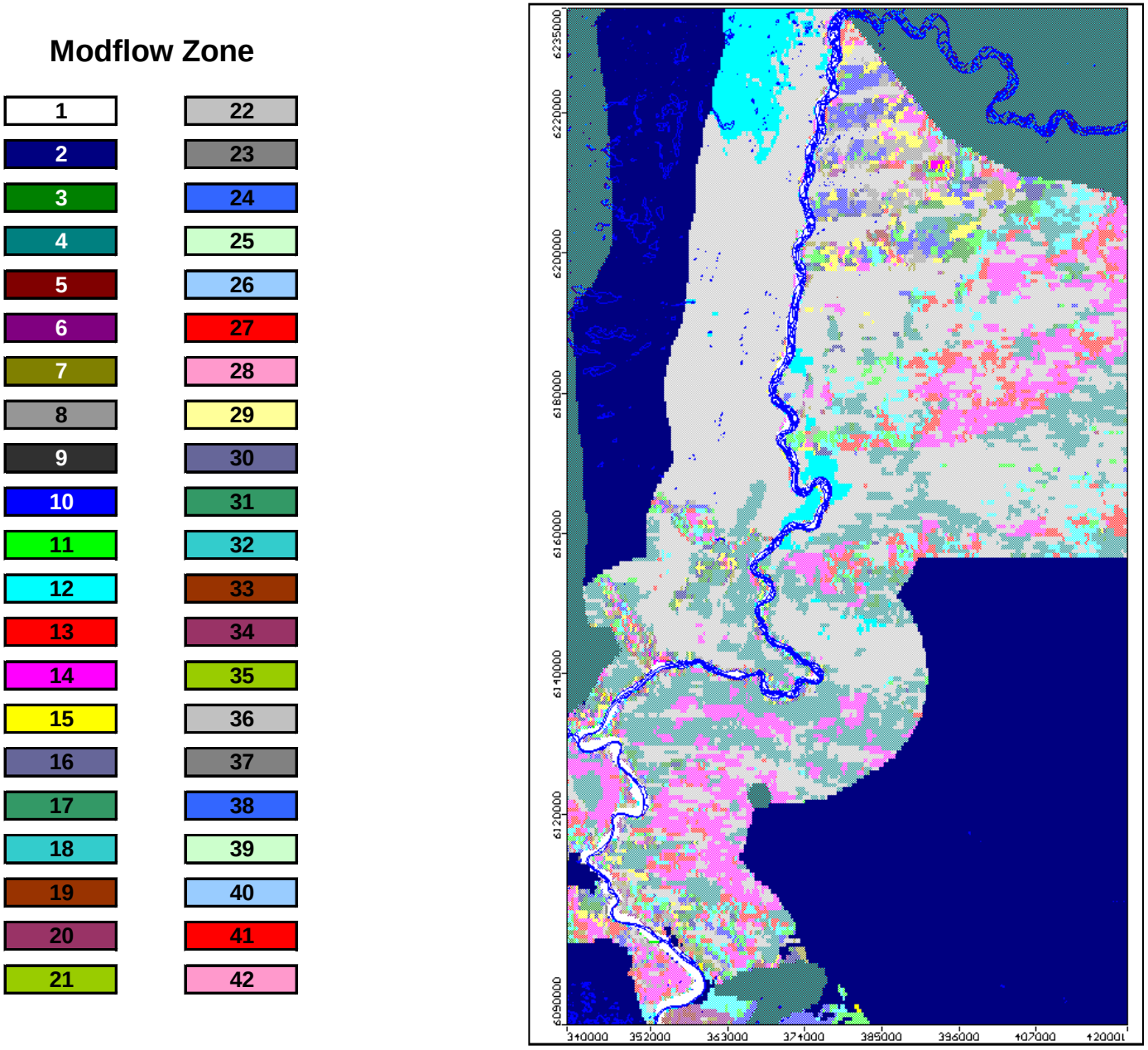
Department of Water, Land and Biodiversity Conservation

Report No. 2010/09

A. MODEL INPUTS (RECHARGE ZONES AND RECHARGE VALUES)

A-1. MODEL INPUT – MALLEE CLEARANCE

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



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

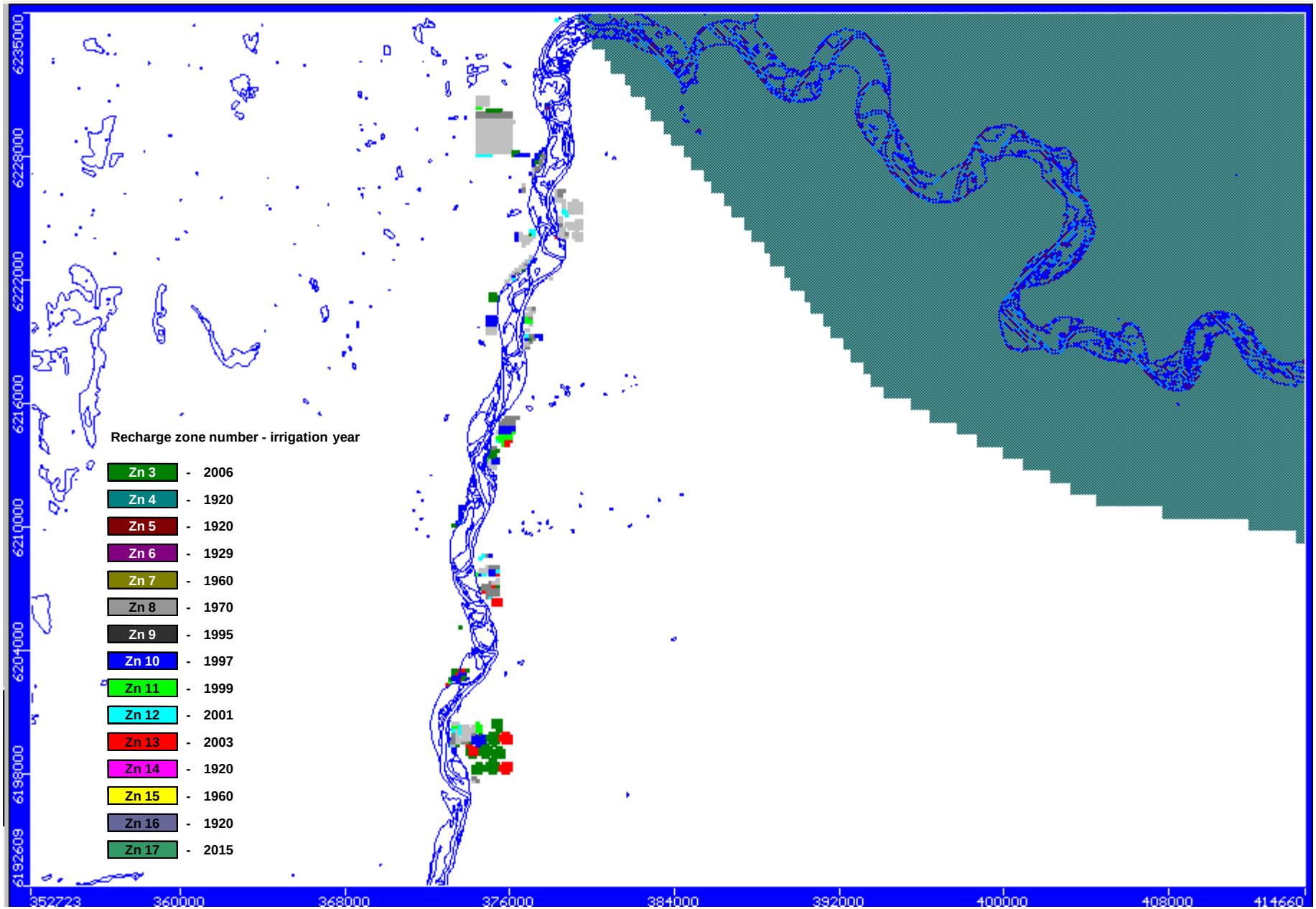
- Model scenario conditions
- Model recharge zones
- Model recharge rates (mm/y)
- Irrigation start year and lag time
- Total model recharge volume

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

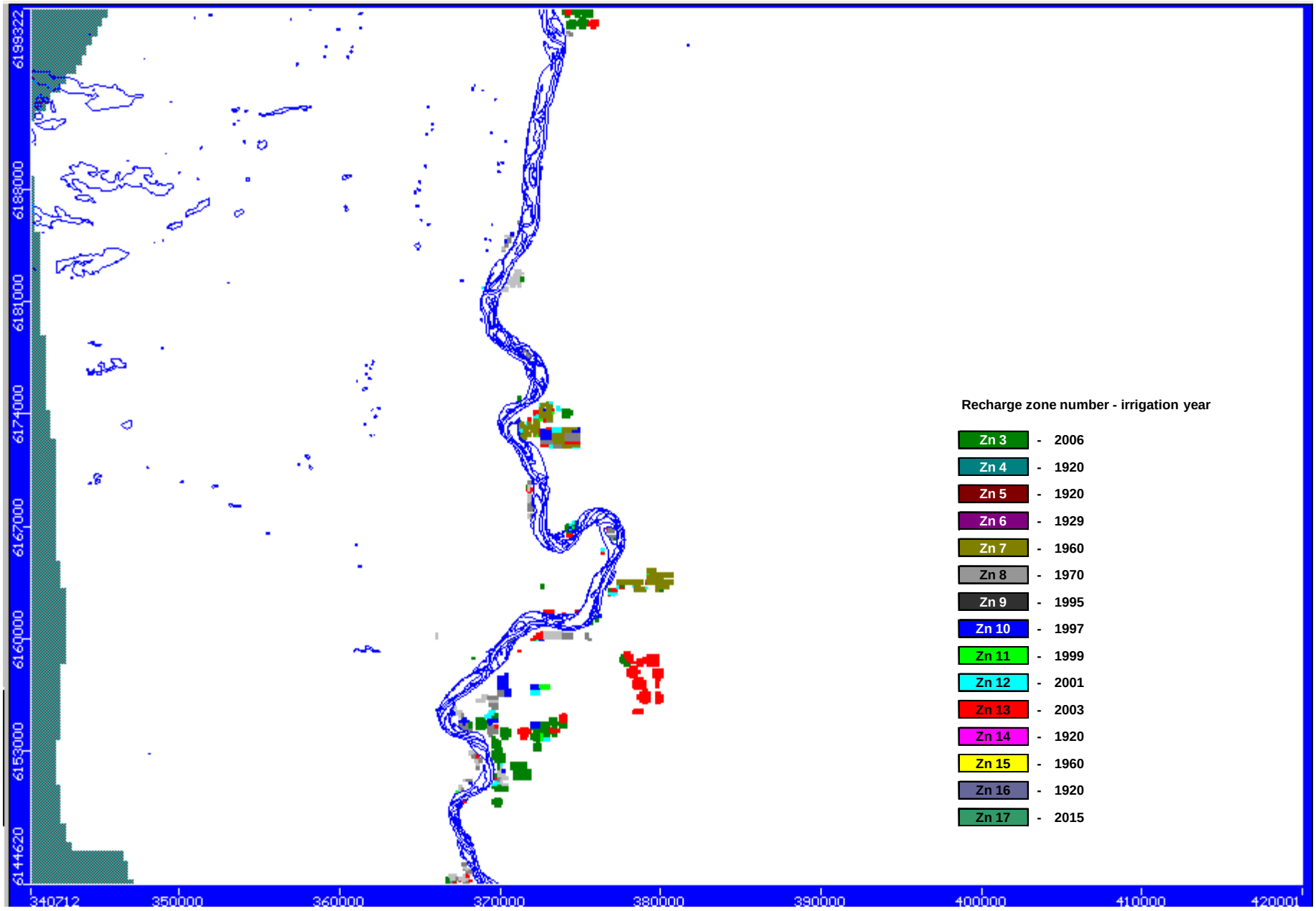
Scenario	Name	Model Run	Irrigation development area	IIP[1]	RH[2]	SIS[3]
S-1	Natural system	Steady State	None	-	-	-
S-2	Mallee clearance	1920-2109	None (but includes Mallee clearance area)	-	-	-
S-3A	Pre-1988, no IIP, no RH	1988-2109	Pre-1988	No	No	-
S-3B	Pre-1988, with IIP, no RH	1988-2109	Pre-1988	Yes	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)

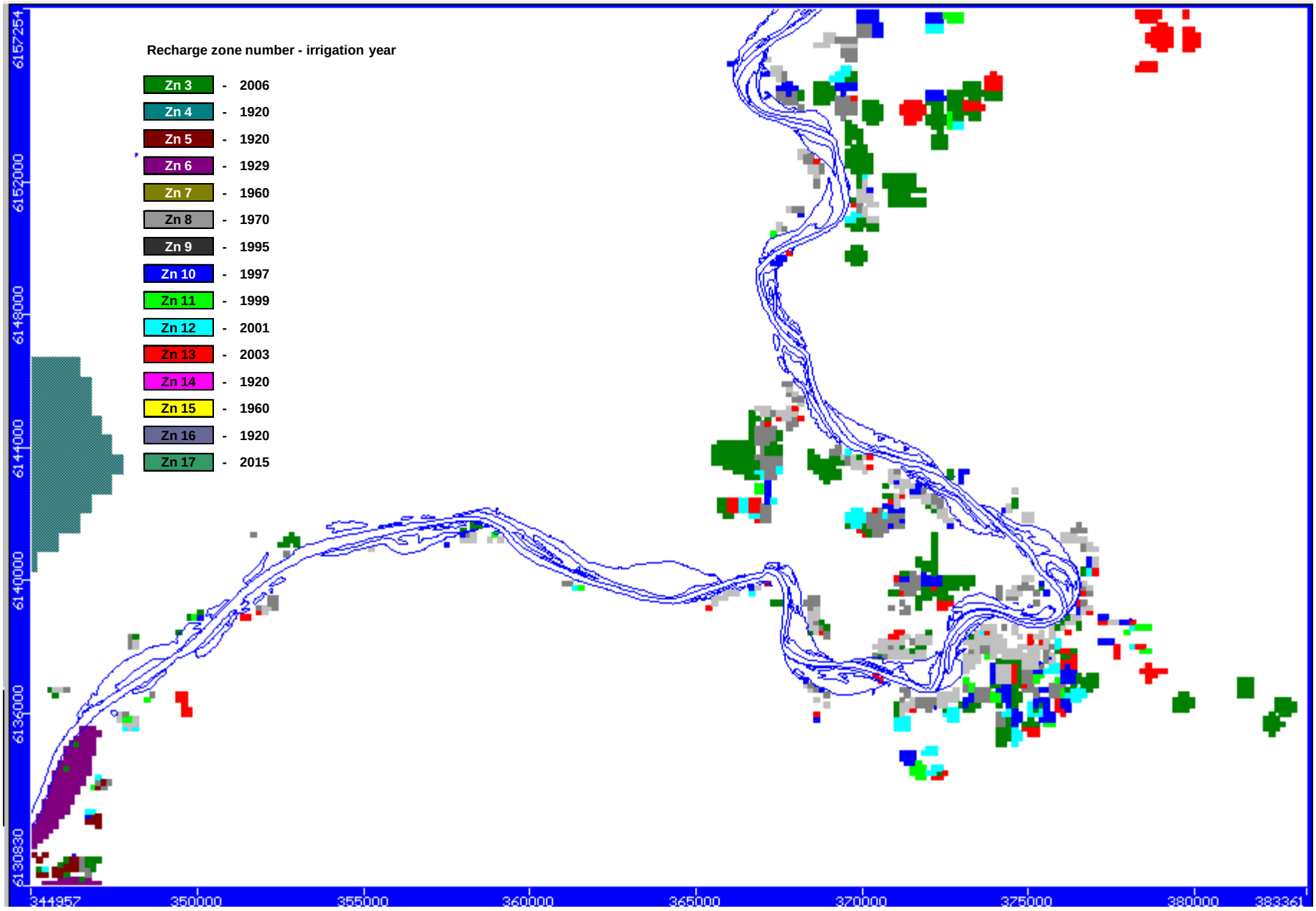
A-2. Model Scenario conditions



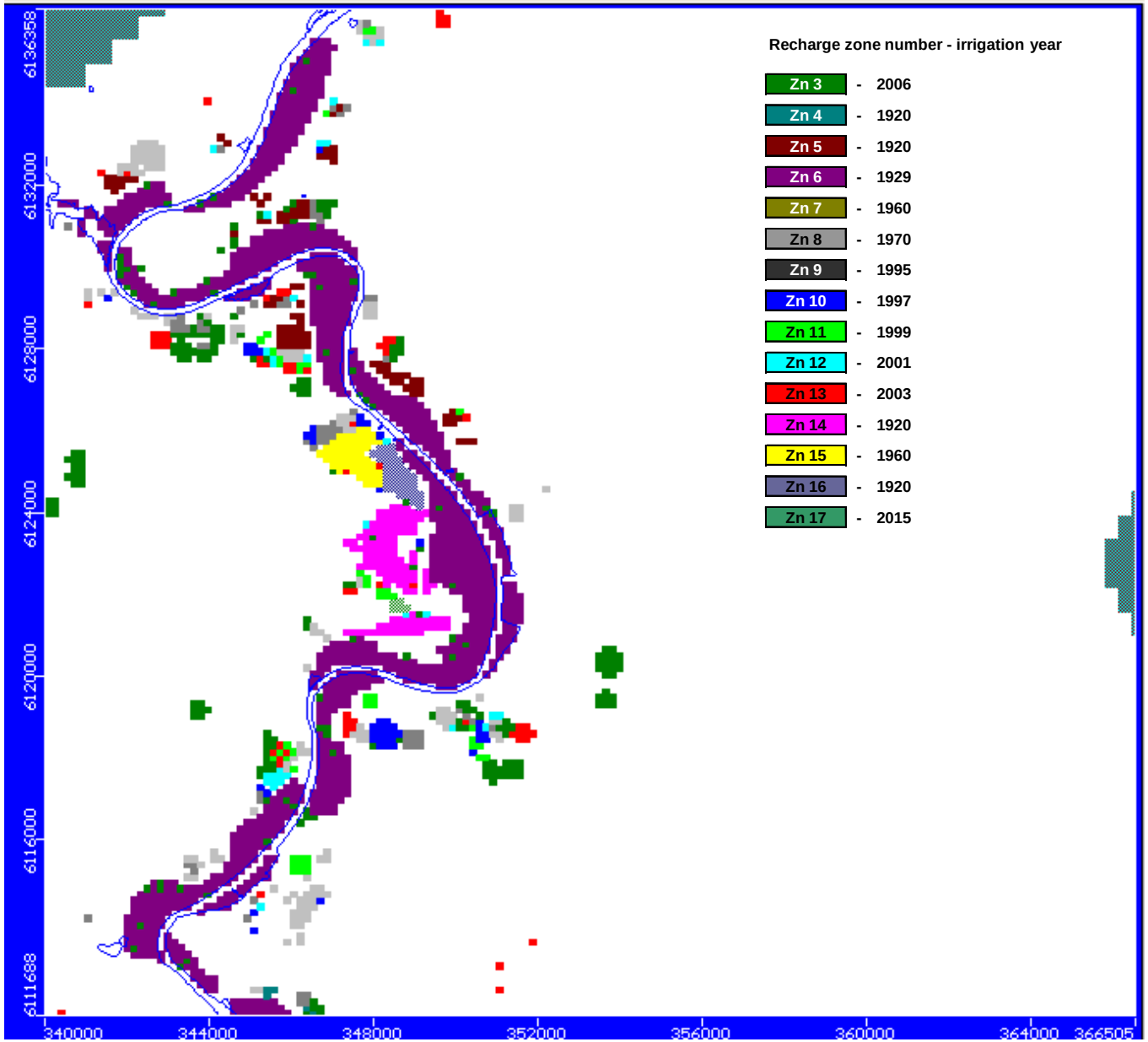
A-2(S3A). Model recharge zones in the Morgan to Lock 1 reach (Scenario 3A, 3B, 3C, 4 and 5)



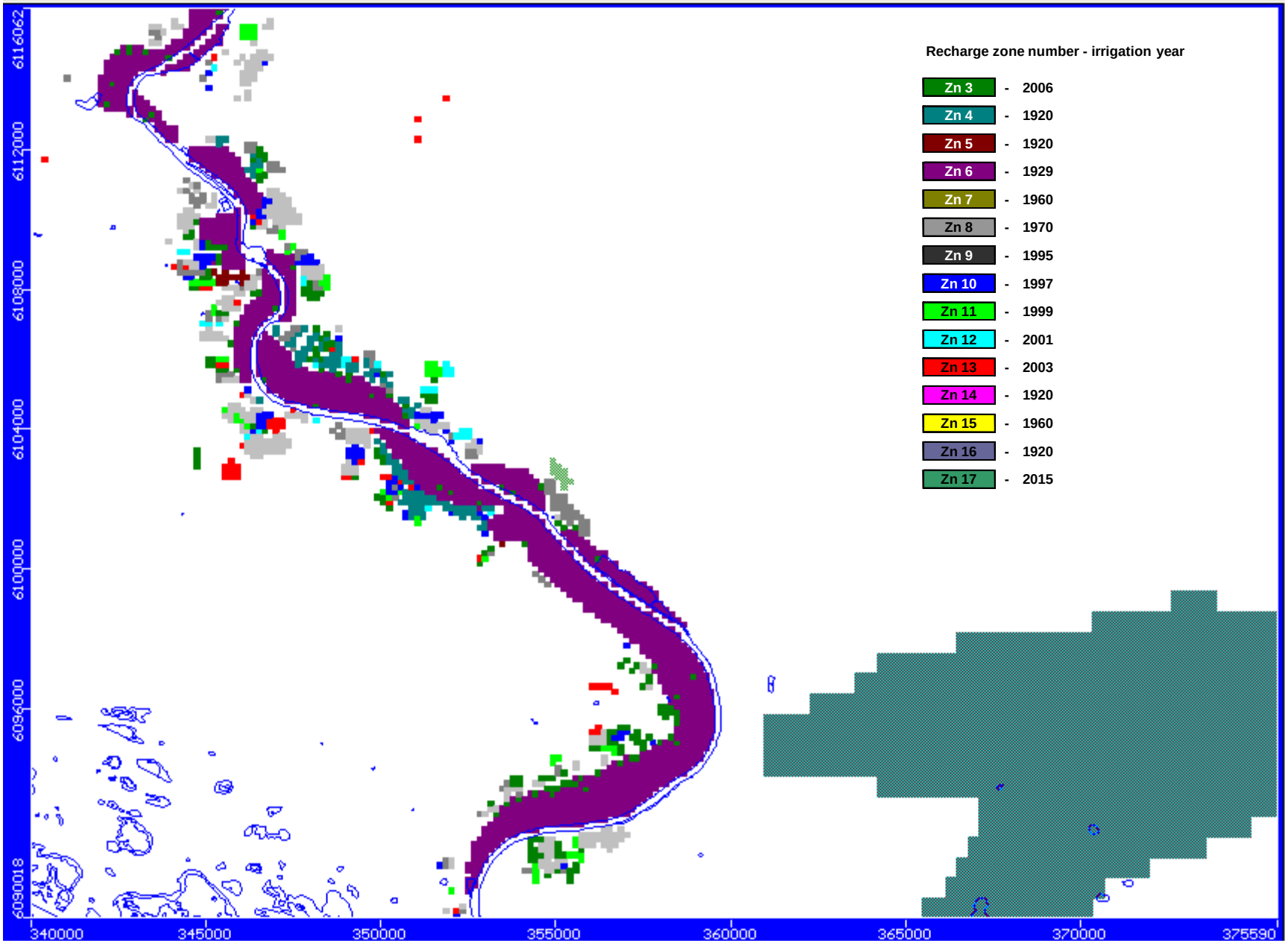
A-2(S3A). Model recharge zones in the Lock 1 to Upper Mannum reach (Scenario 3A, 3B, 3C, 4 and 5)



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)



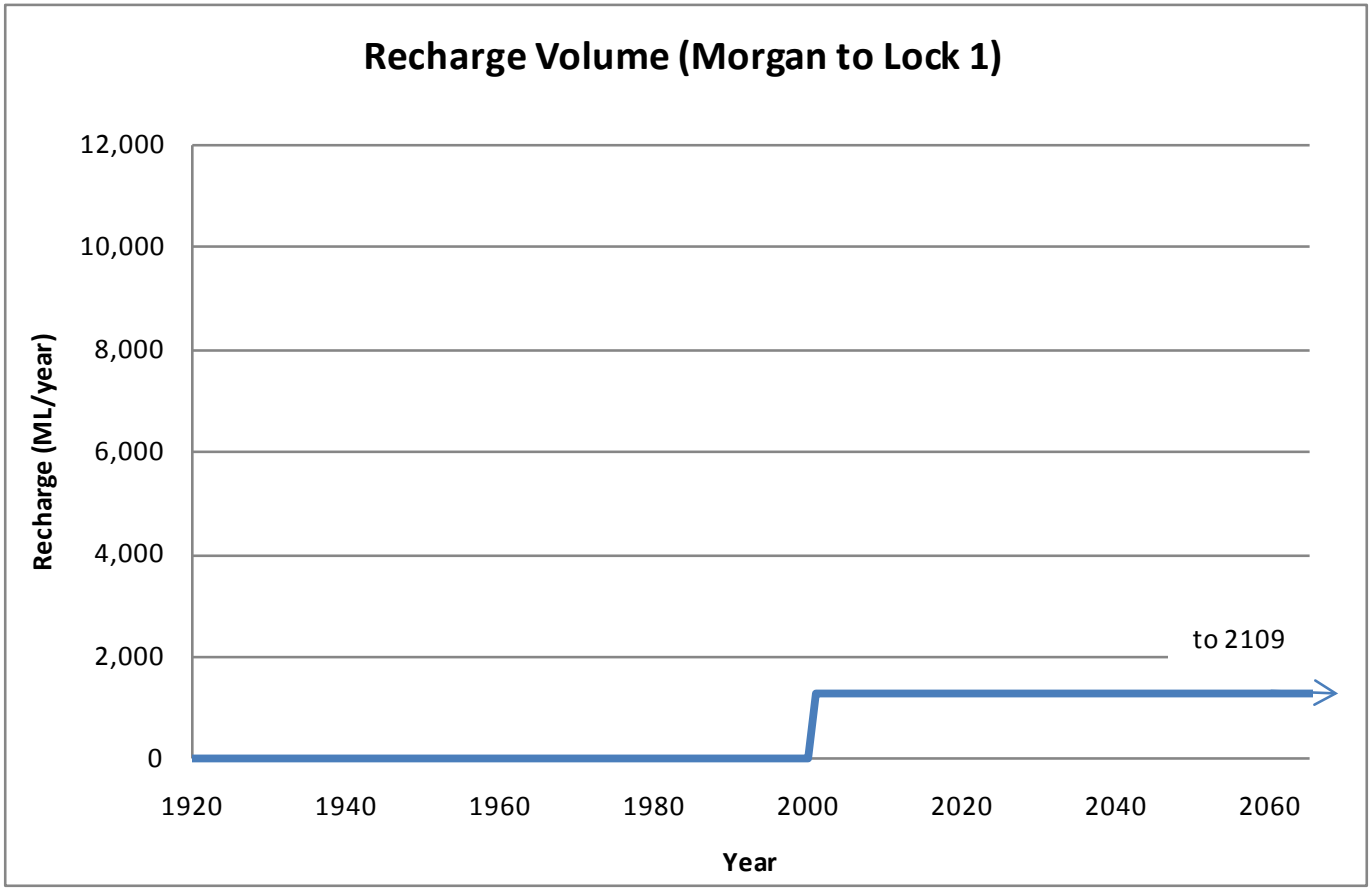
A-2(S3A). Model recharge zones in the Murray Bridge to Wellington reach (Scenario 3A, 3B, 3C, 4 and 5)

						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	300	300	300	300	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
1999	2000	28854	29220	300	450	300	300	300	300	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2000	2001	29220	29585	300	450	300	300	300	300	120	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2001	2002	29585	29950	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2002	2003	29950	30315	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2003	2004	30315	30681	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2004	2005	30681	31046	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2005	2006	31046	31411	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2006	2007	31411	31776	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2007	2008	31776	32142	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2008	2009	32142	32507	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2009	2010	32507	32872	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2010	2011	32872	33237	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2011	2012	33237	33603	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2012	2013	33603	33968	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2013	2014	33968	34333	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2014	2015	34333	34698	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2015	2016	34698	35064	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2016	2017	35064	35429	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2017	2018	35429	35794	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2018	2019	35794	36159	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2019	2020	36159	36525	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2020	2021	36525	36890	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2021	2022	36890	37255	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07

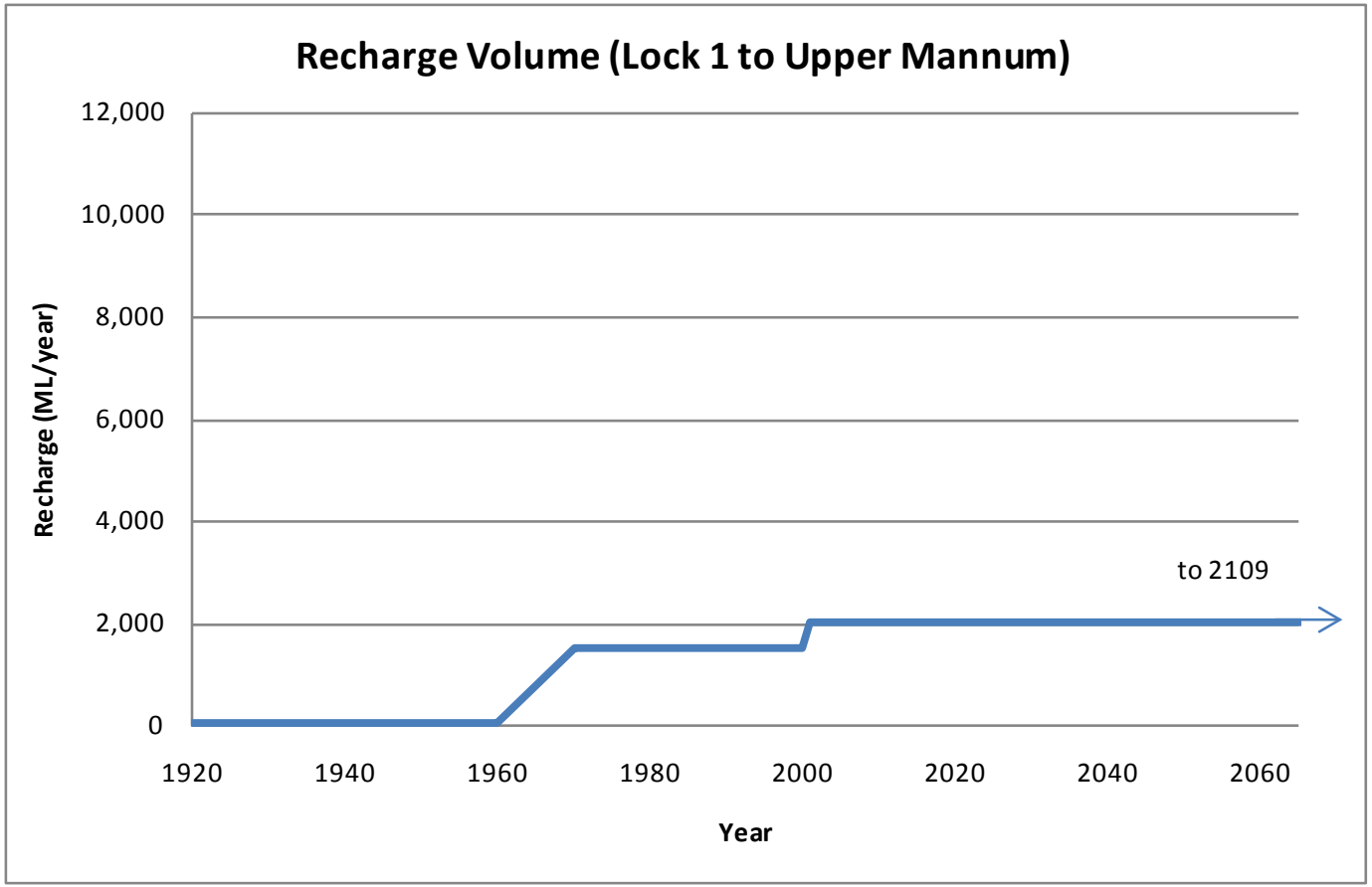
A-2(S3A). Model recharge zones, irrigation start time, lag time and recharge rates (mm/yr) in the Morgan to Wellington area (Scenario 3A)

						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	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2023	2024	37620	37986	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2024	2025	37986	38351	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2025	2026	38351	38716	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2026	2027	38716	39081	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2027	2028	39081	39447	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2028	2029	39447	39812	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2029	2030	39812	40177	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2030	2031	40177	40542	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2031	2032	40542	40908	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2032	2033	40908	41273	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2033	2034	41273	41638	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2034	2035	41638	42003	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2035	2036	42003	42369	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2036	2037	42369	42734	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2037	2038	42734	43099	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2038	2039	43099	43464	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2039	2040	43464	43830	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2040	2041	43830	44195	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2041	2042	44195	44560	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2042	2043	44560	44925	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2043	2044	44925	45291	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2044	2045	45291	45656	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2045	2046	45656	46021	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2046	2047	46021	46386	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2047	2048	46386	46752	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2048	2049	46752	47117	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2049	2050	47117	47482	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2050	2051	47482	47847	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2051	2052	47847	48213	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2052	2053	48213	48578	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2053	2054	48578	48943	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2054	2055	48943	49308	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2055	2109	49308	69032	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2109	2110	69032	69397	300	450	300	300	300	300	120	180	0.07	0.07	0.07	0.07	0.07	0.07	0.07

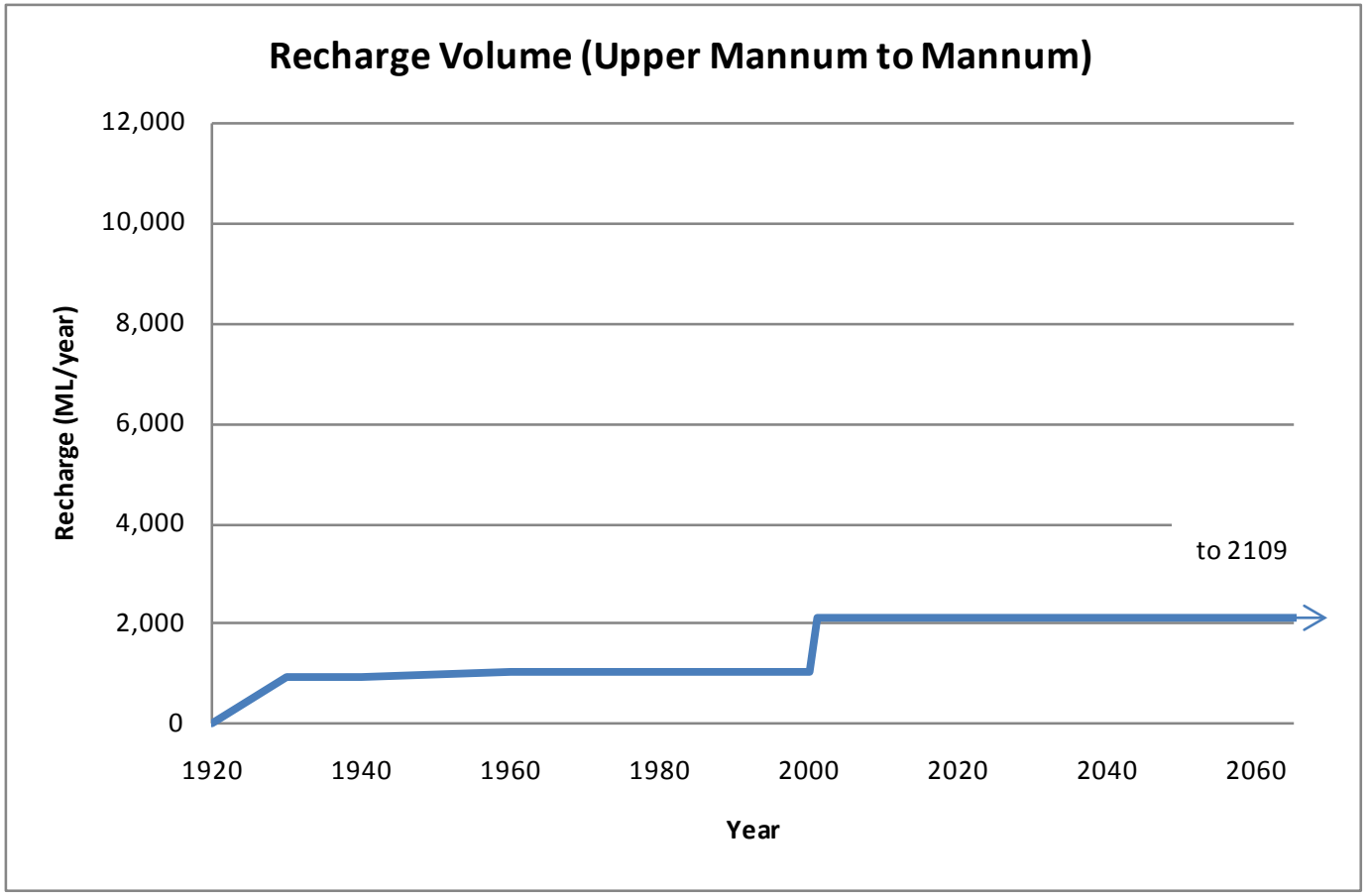
A-2(S3A). Model recharge zones, irrigation start time, lag time and recharge rates (mm/yr) in the Morgan to Wellington area (Scenario 3A)



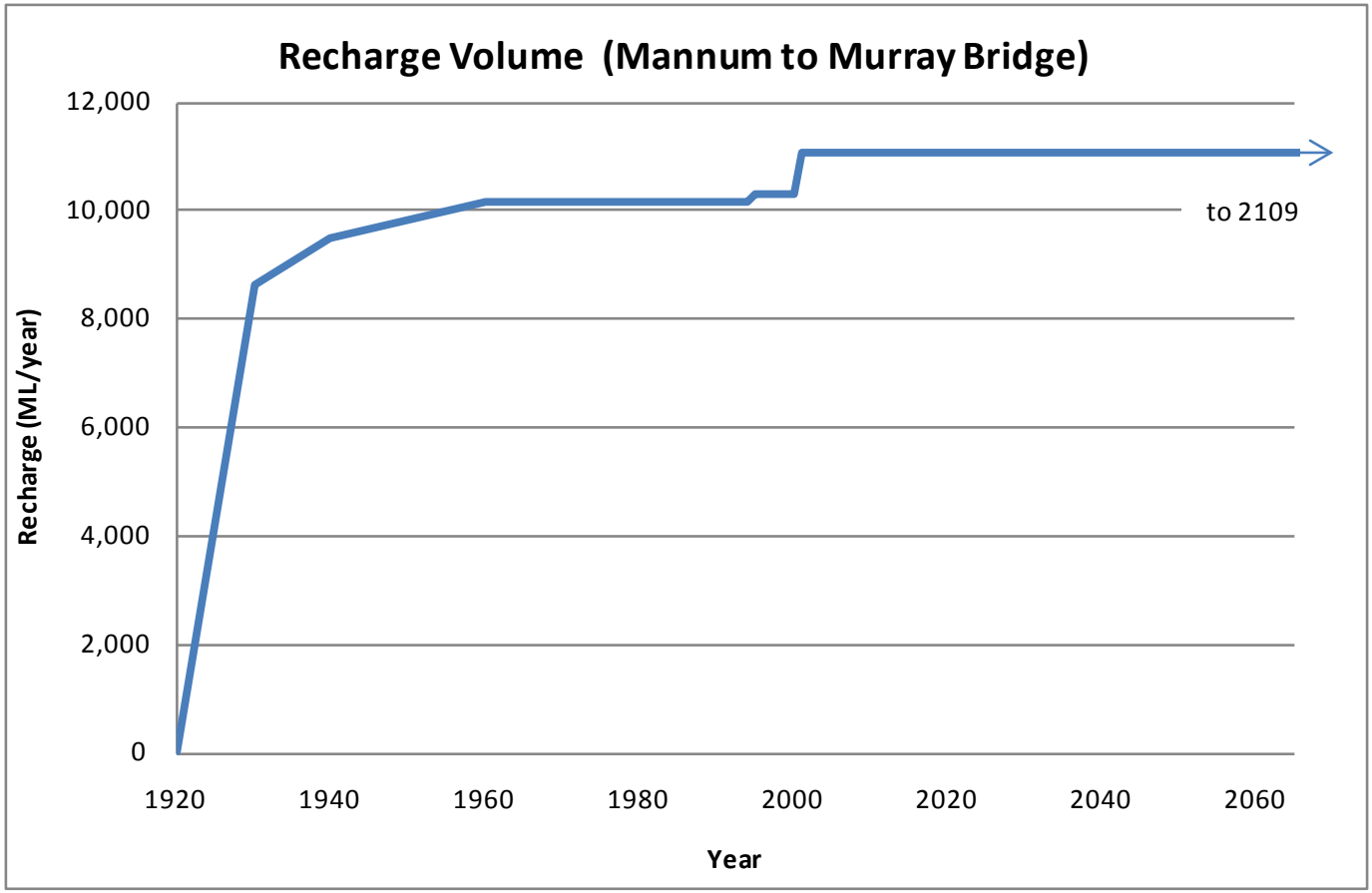
A-2(S3A). Total recharge volume applied in the Morgan to Lock 1 area (Scenario 3A)



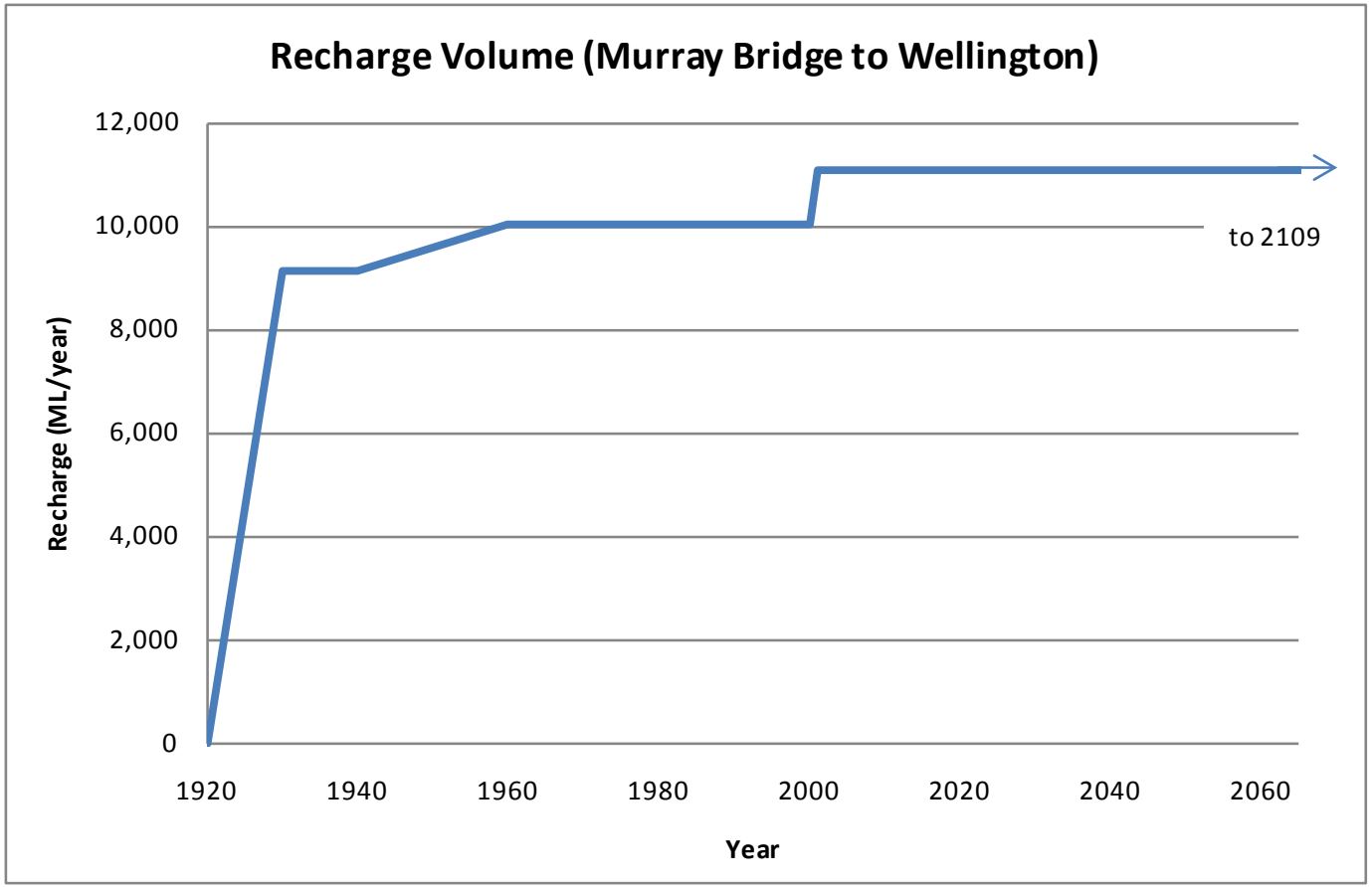
A-2(S3A). Total recharge volume applied in the Lock 1 to Upper Mannum area (Scenario 3A)



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)



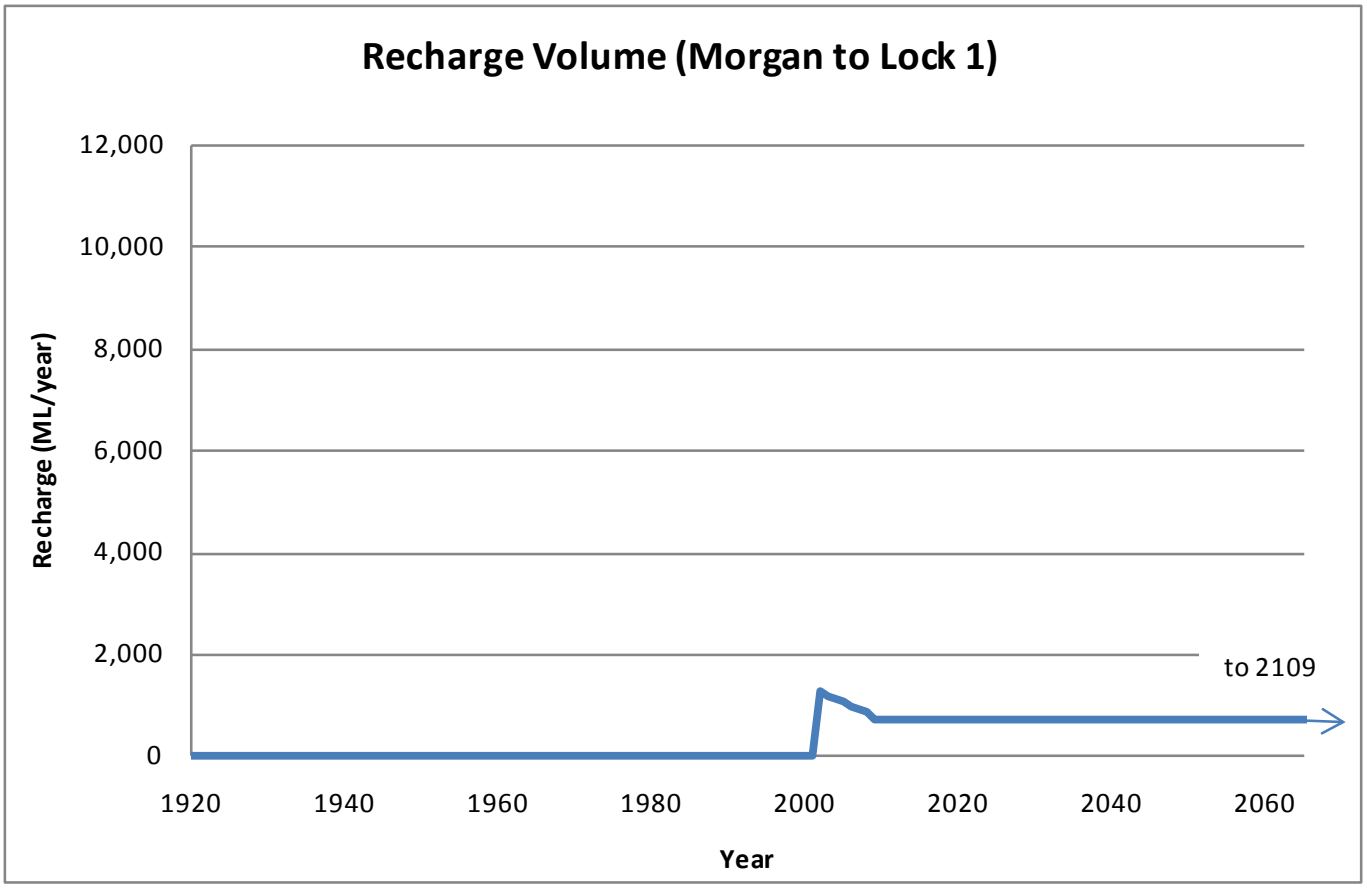
A-2(S3A). Total recharge volume applied in the Murray Bridge to Wellington area (Scenario 3A)

						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

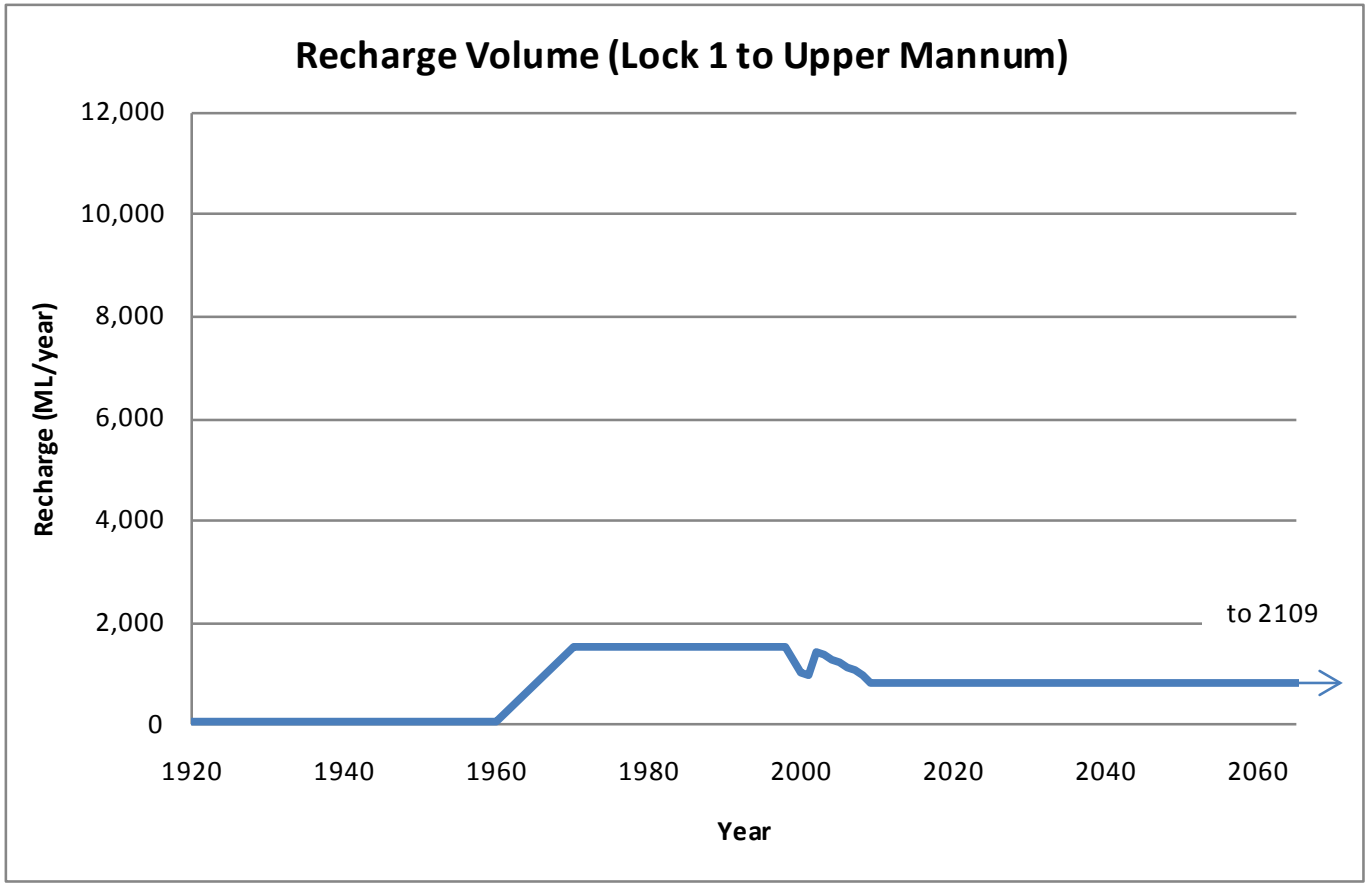
A-2(S3B). Model recharge zones, irrigation start time, lag time and recharge rates (mm/yr) in the Morgan to Wellington area (Scenario 3B)

						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

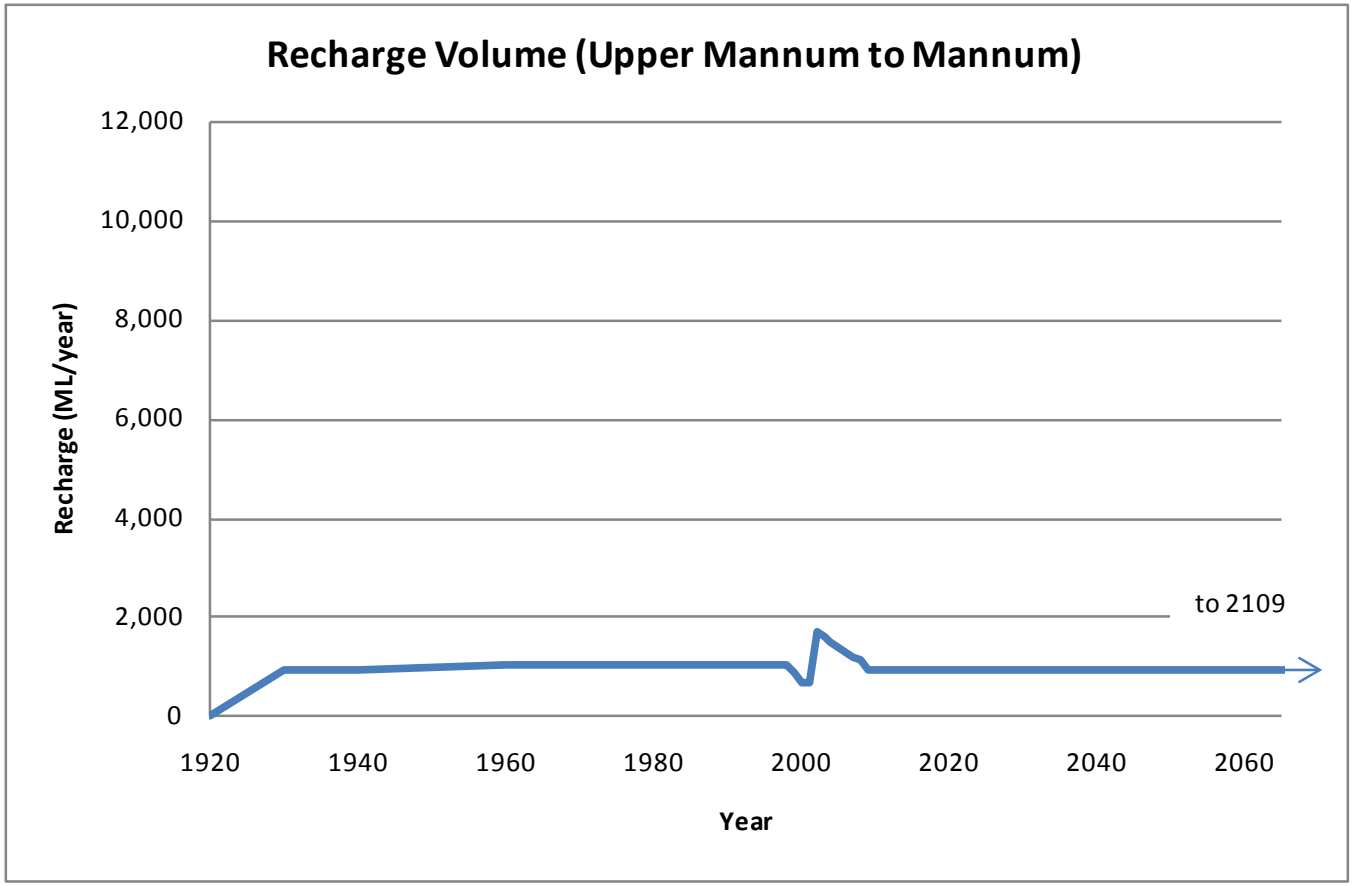
A-2(S3B). Model recharge zones, irrigation start time, lag time and recharge rates (mm/yr) in the Morgan to Wellington area (Scenario 3B)



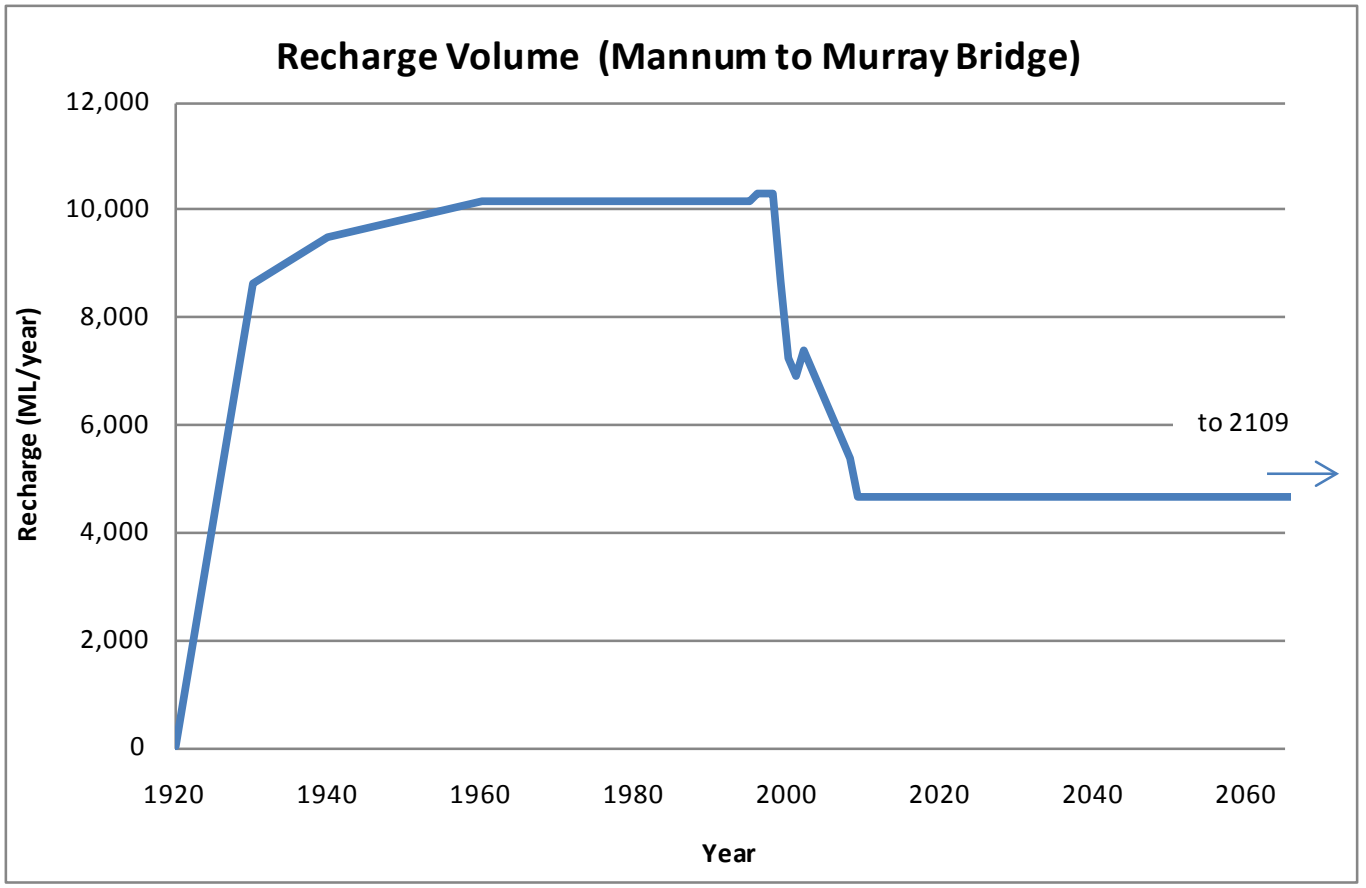
A-2(S3B). Total recharge volume applied in the Morgan to Lock 1 area (Scenario 3B)



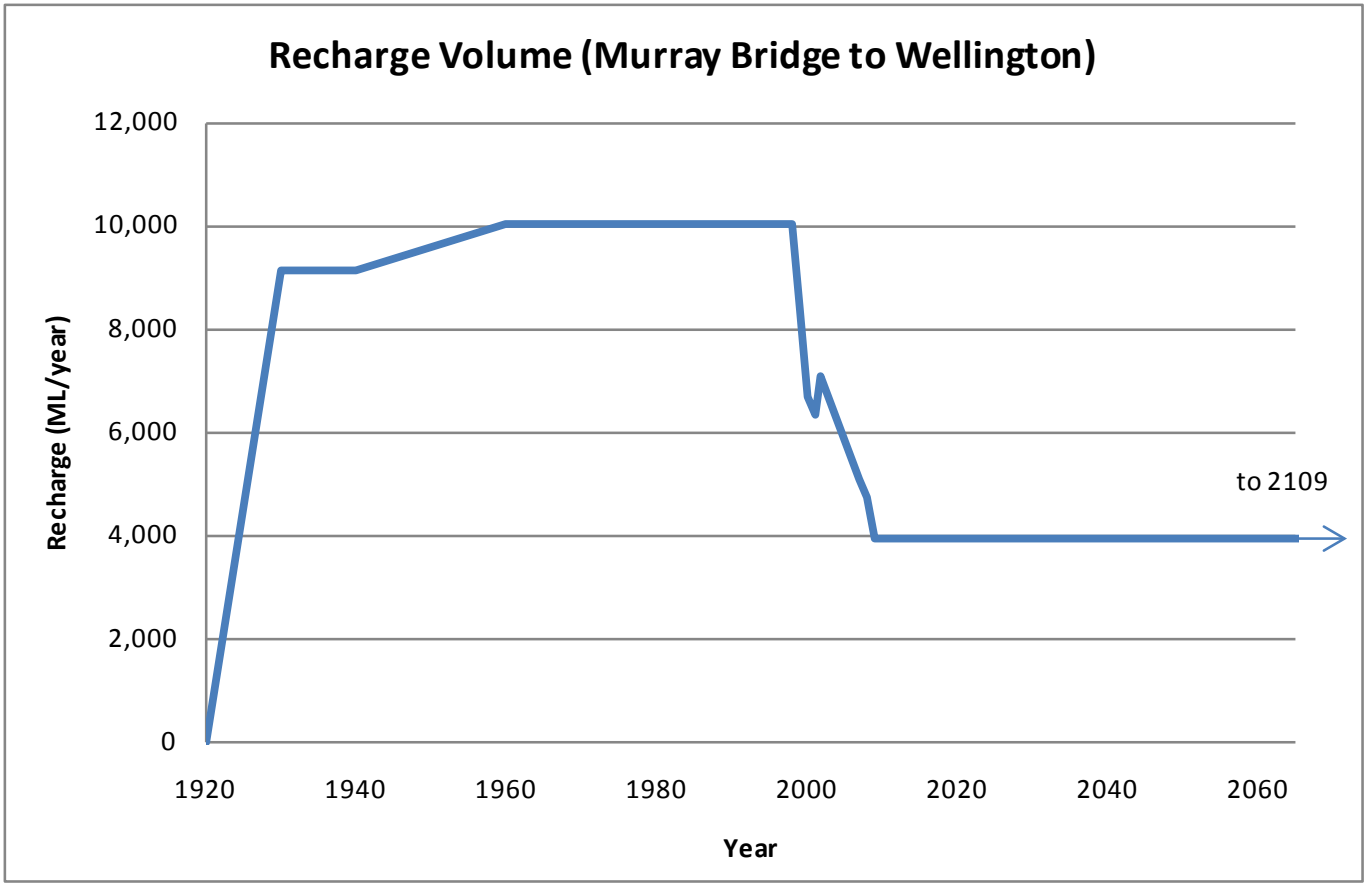
A-2(S3B). Total recharge volume applied in the Lock 1 to Upper Mannum area (Scenario 3B)



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)



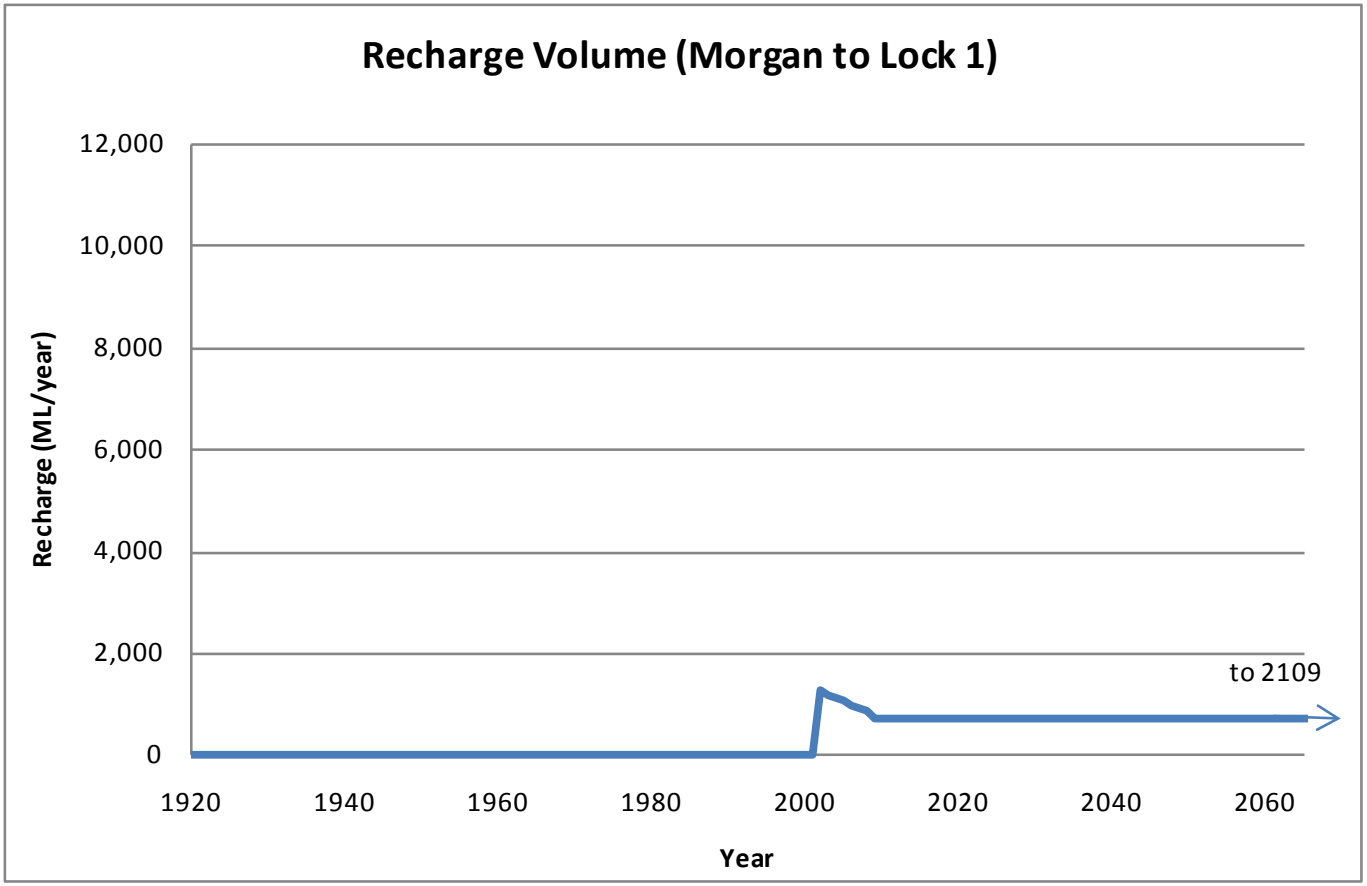
A-2(S3B). Total recharge volume applied in the Murray Bridge to Wellington area (Scenario 3B)

						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

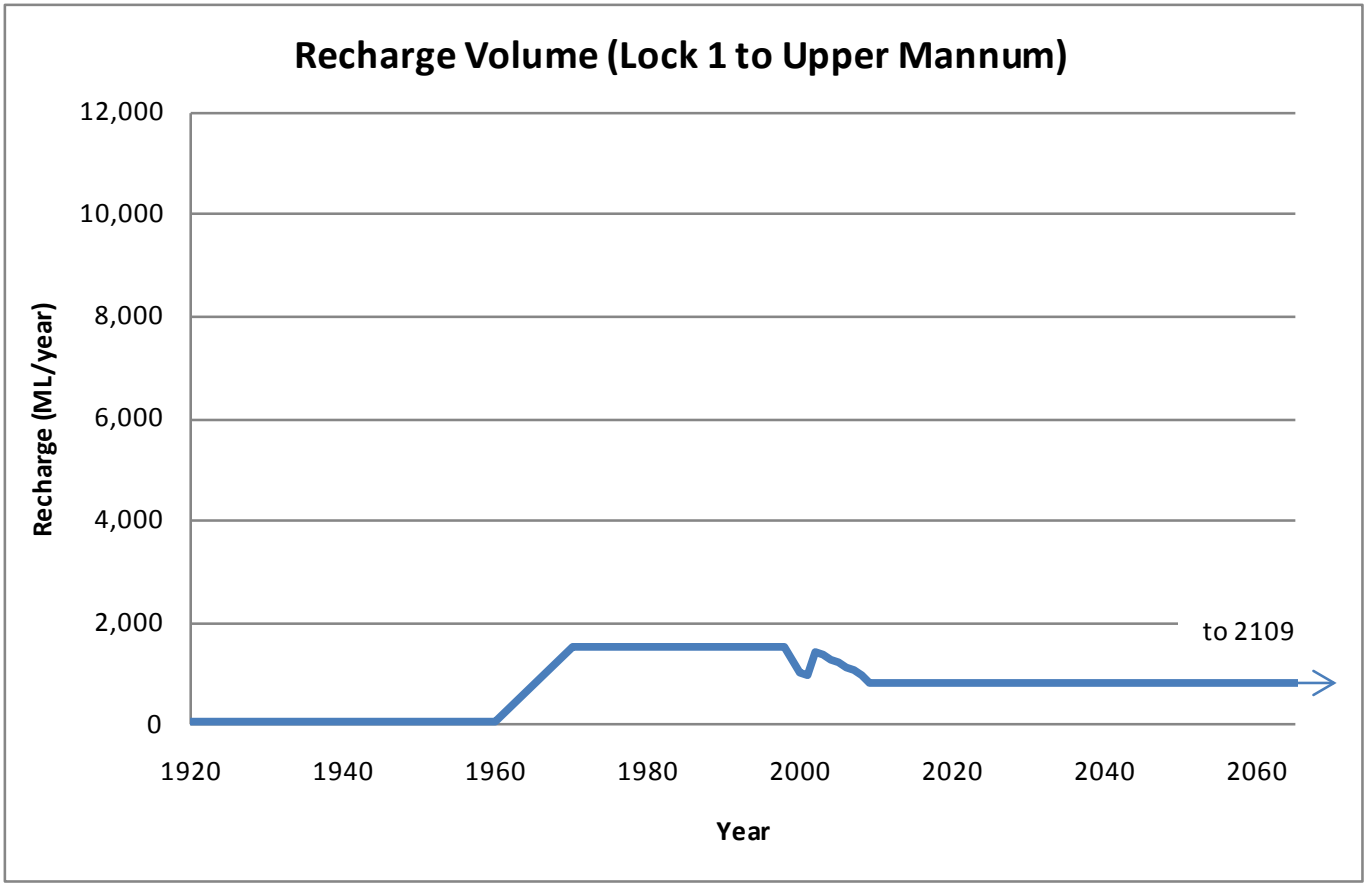
A-2(S3C). Model recharge zones, irrigation start time, lag time and recharge rates (mm/yr) in the Morgan to Wellington area (Scenario 3C)

						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

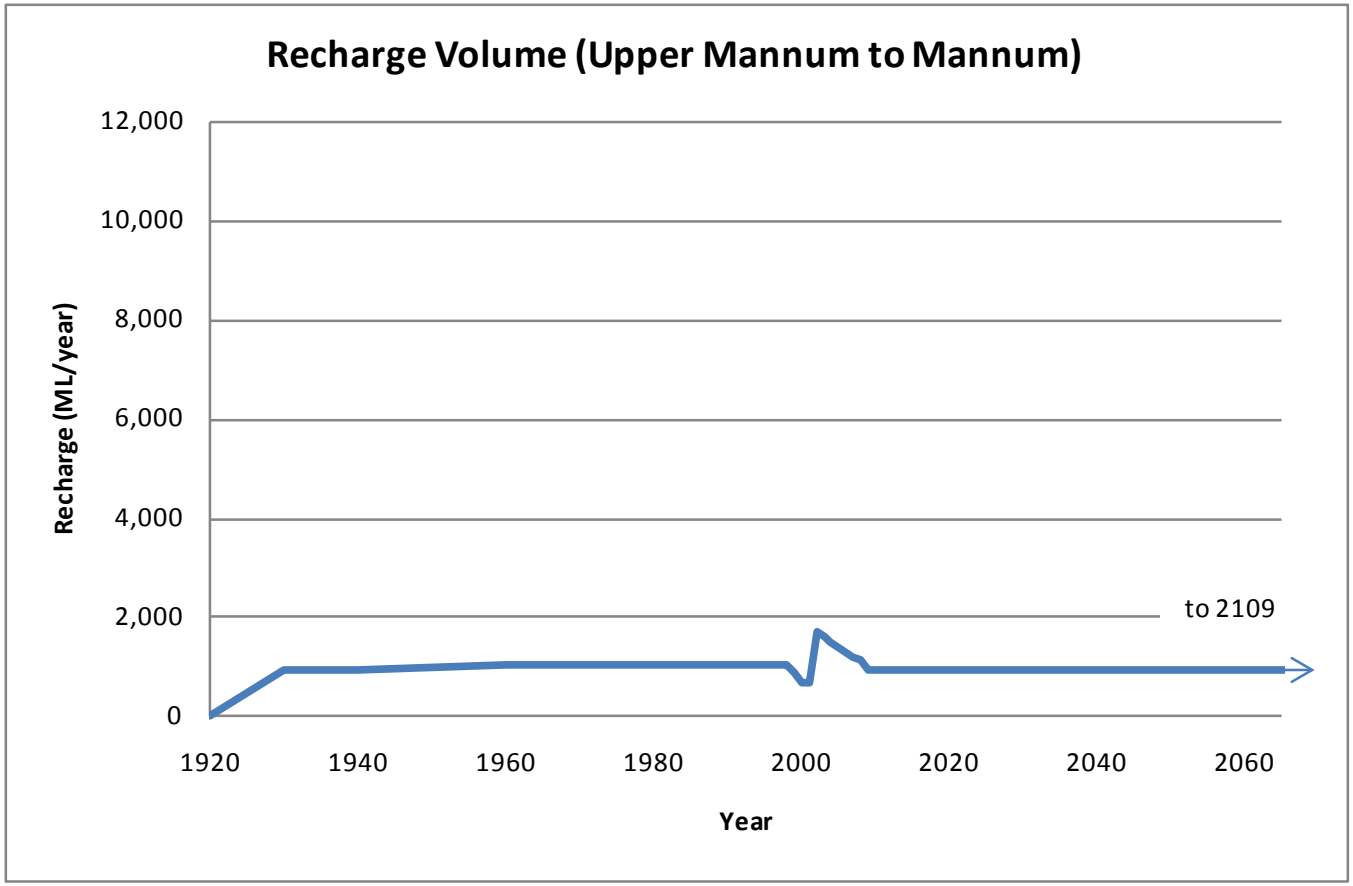
A-2(S3C). Model recharge zones, irrigation start time, lag time and recharge rates (mm/yr) in the Morgan to Wellington area (Scenario 3C)



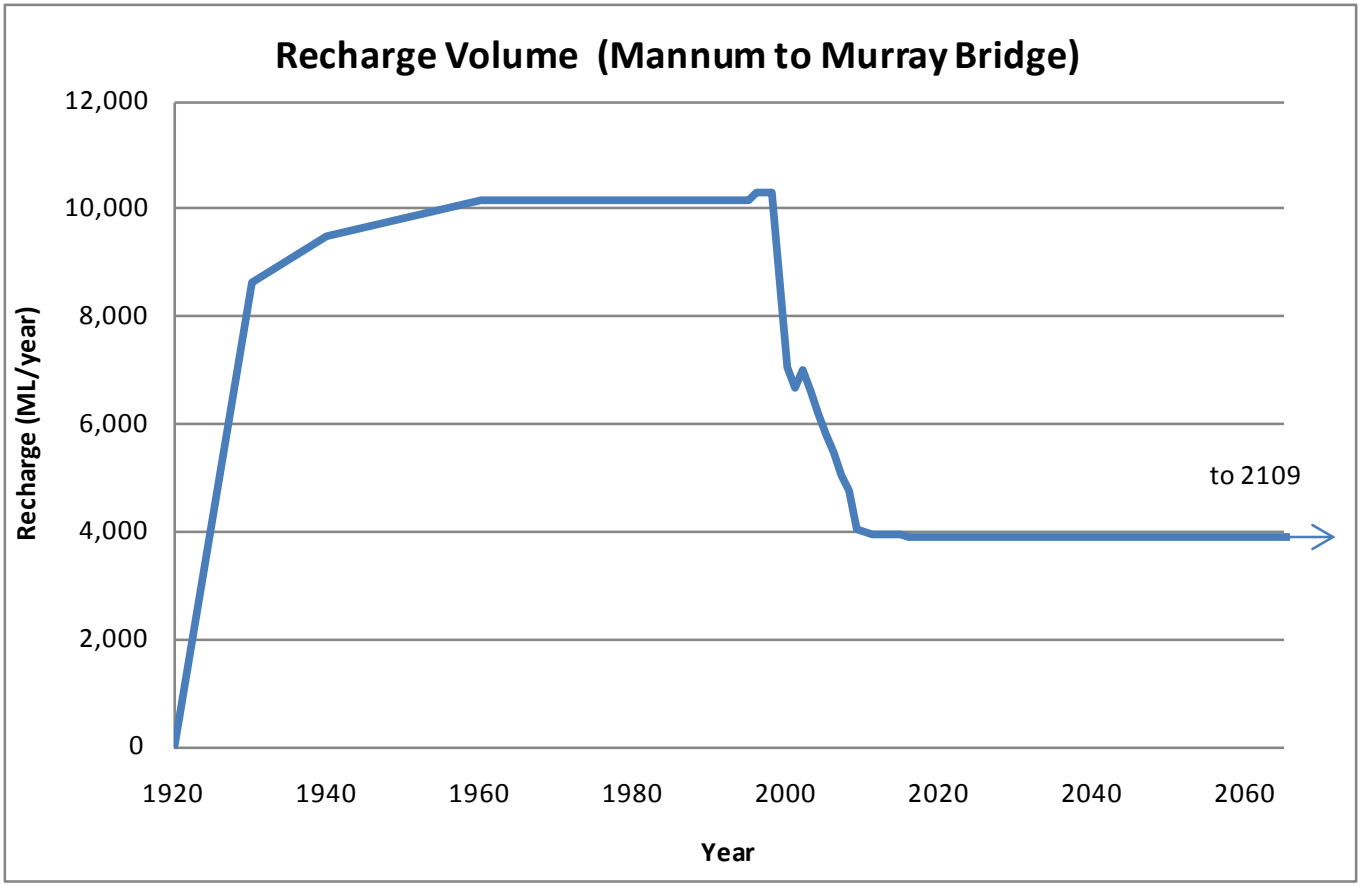
A-2(S3C). Total recharge volume applied in the Morgan to Lock 1 area (Scenario 3C)



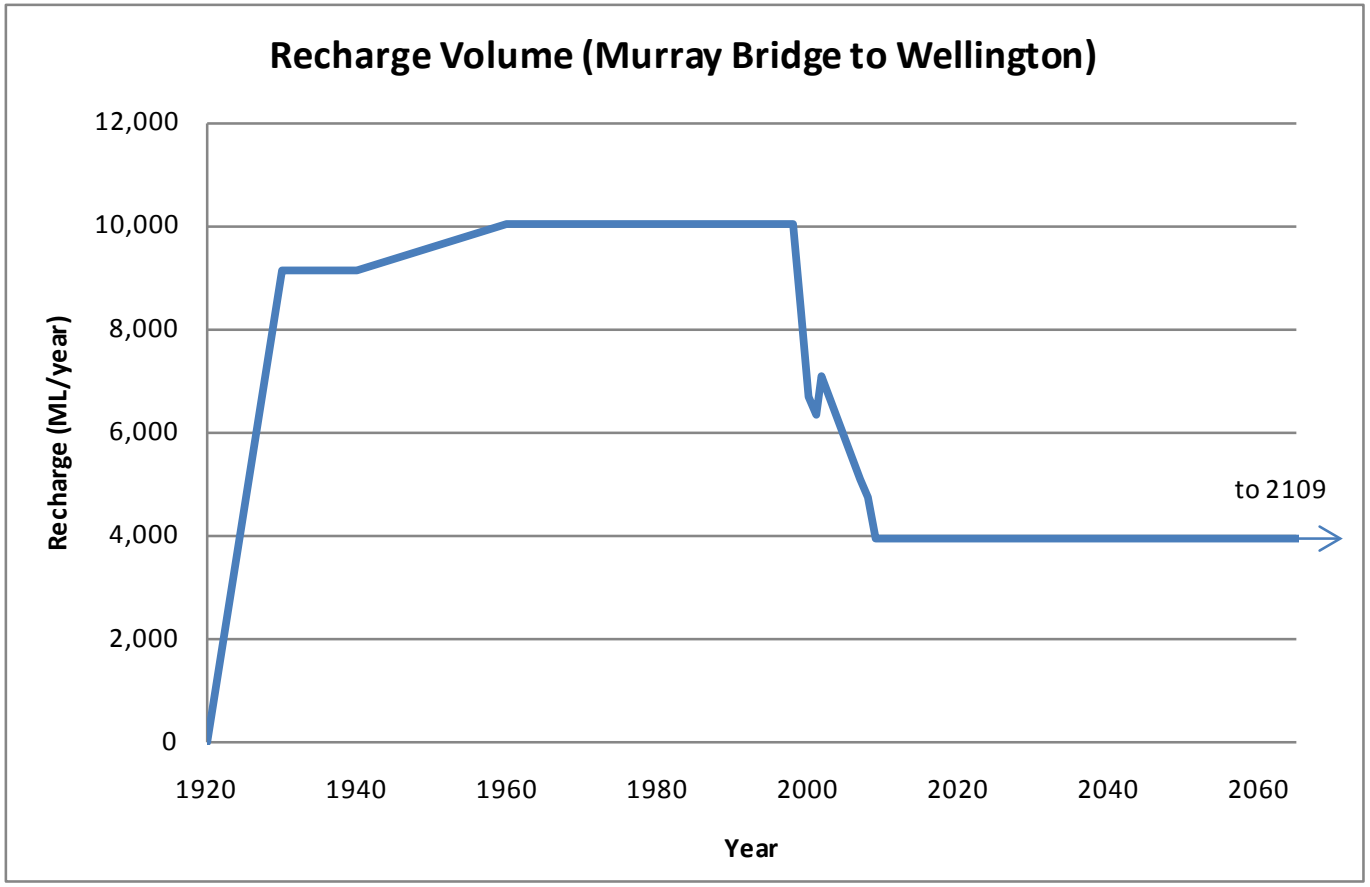
A-2(S3C). Total recharge volume applied in the Lock 1 to Upper Mannum area (Scenario 3C)



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)



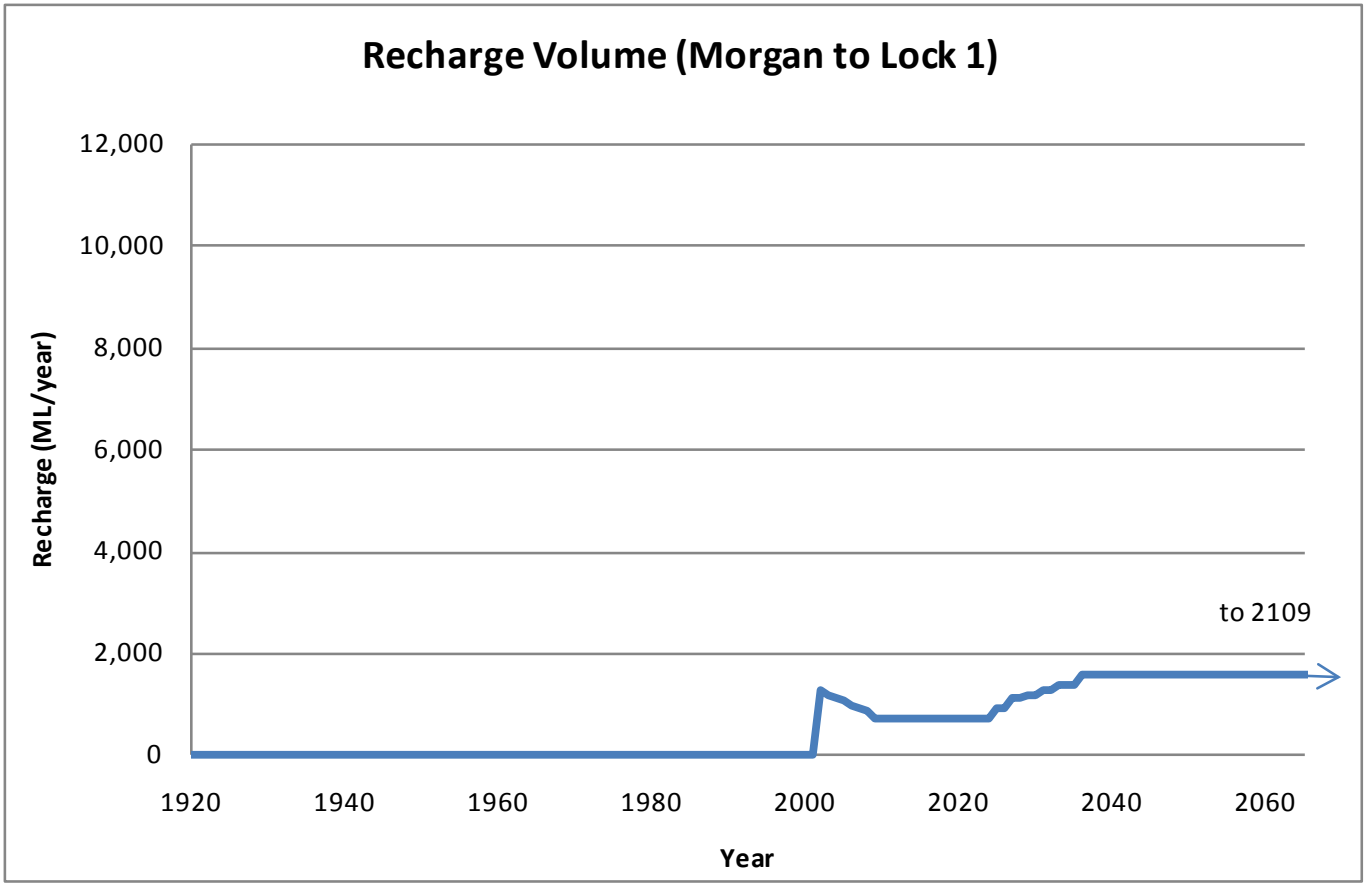
A-2(S3C). Total recharge volume applied in the Murray Bridge to Wellington area (Scenario 3C)

						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

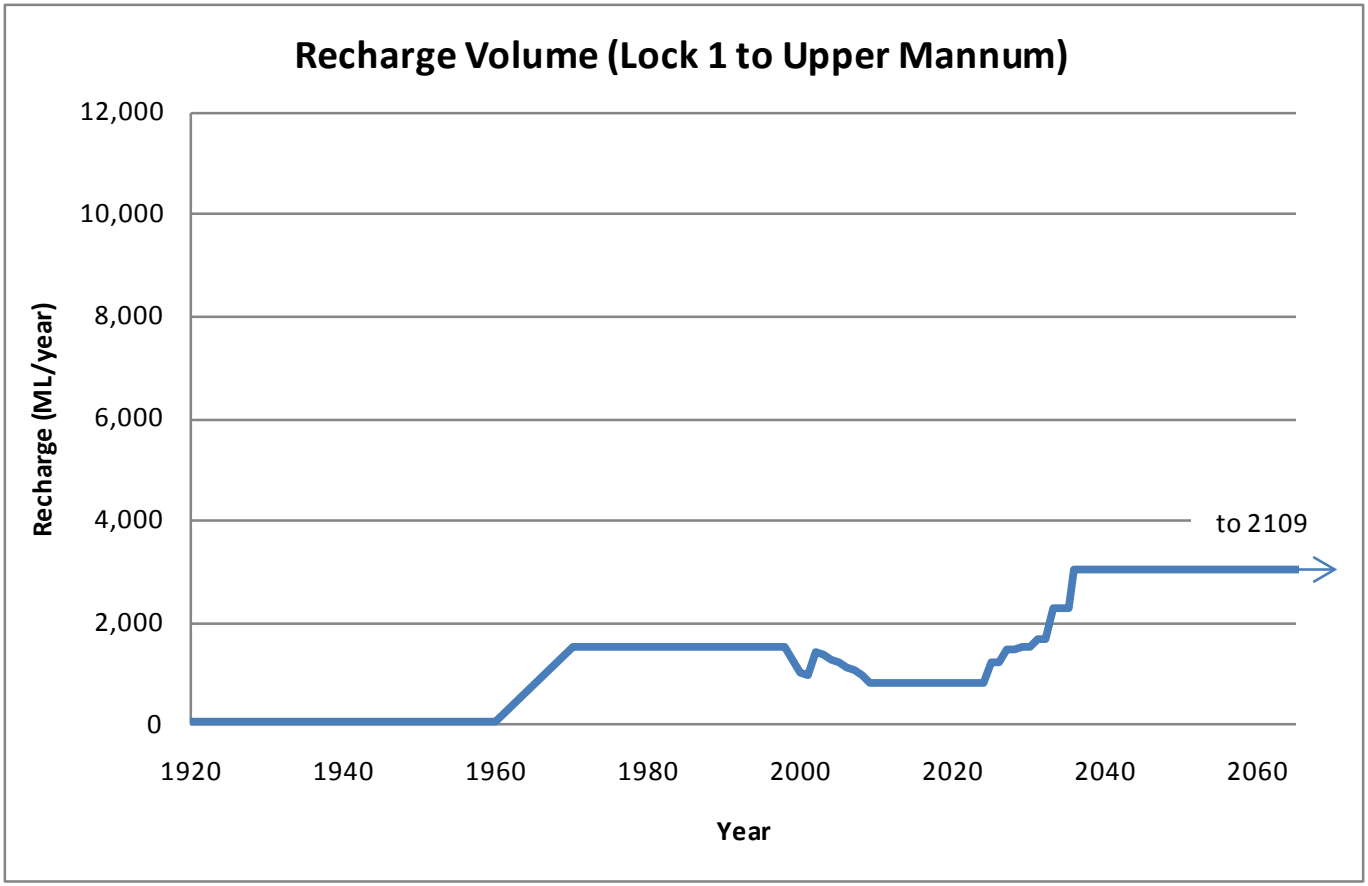
A-2(S4). Model recharge zones, irrigation start time, lag time and recharge rates (mm/yr) in the Morgan to Wellington area (Scenario 4)

						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

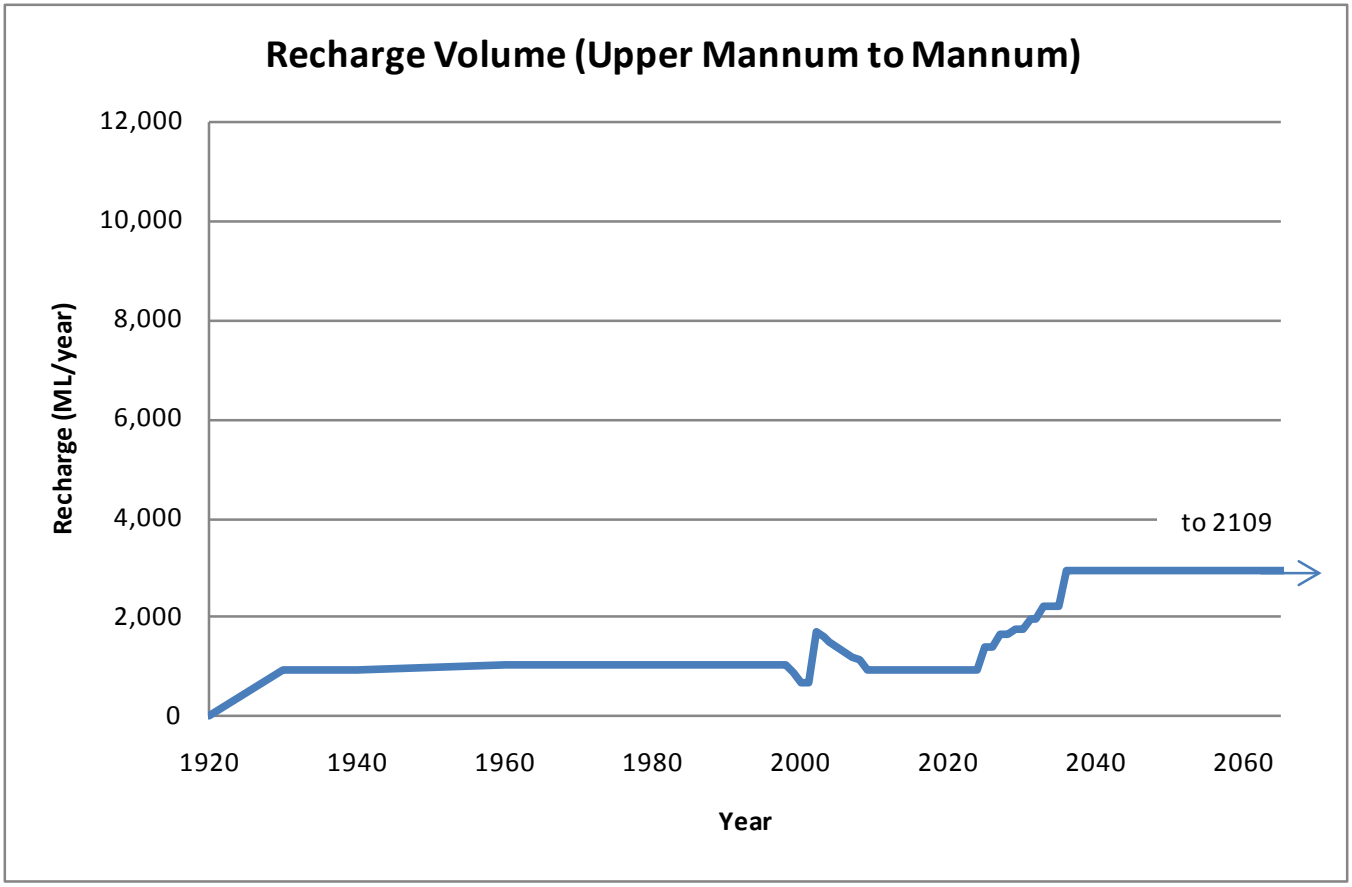
A-2(S4). Model recharge zones, irrigation start time, lag time and recharge rates (mm/yr) in the Morgan to Wellington area (Scenario 4)



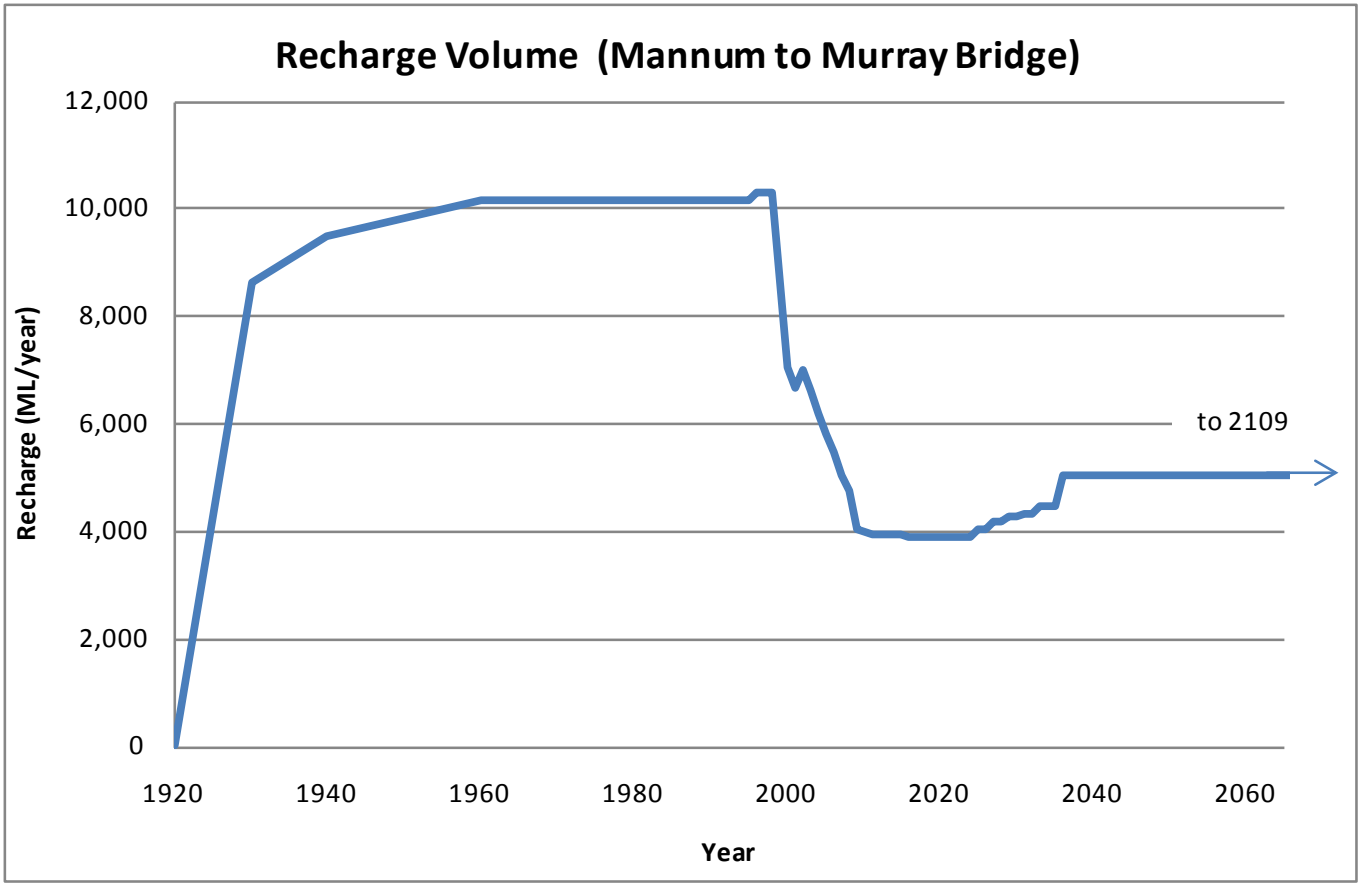
A-2(S4). Total recharge volume applied in the Morgan to Lock 1 area (Scenario 4)



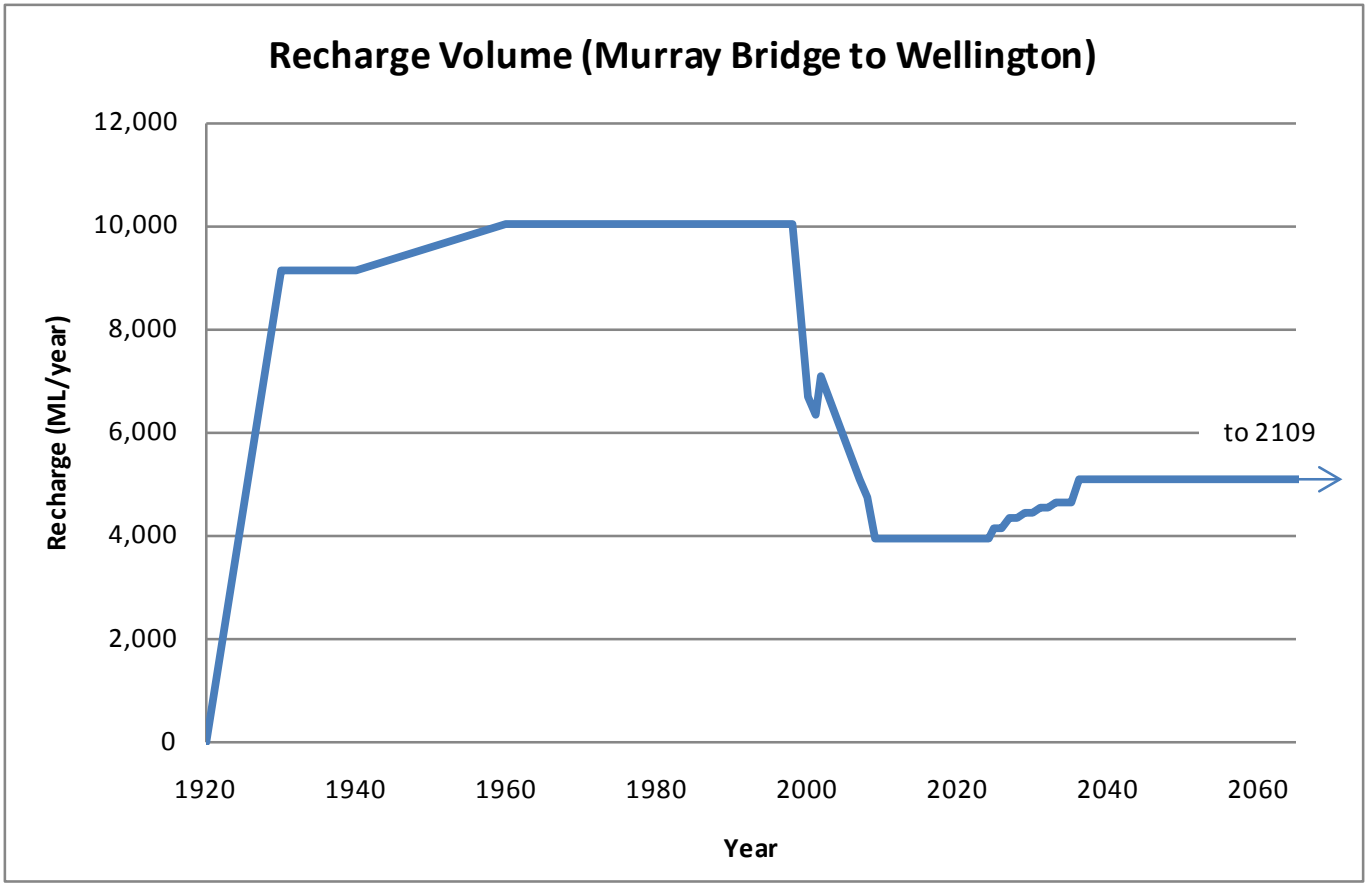
A-2(S4). Total recharge volume applied in the Lock 1 to Upper Mannum area (Scenario 4)



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)



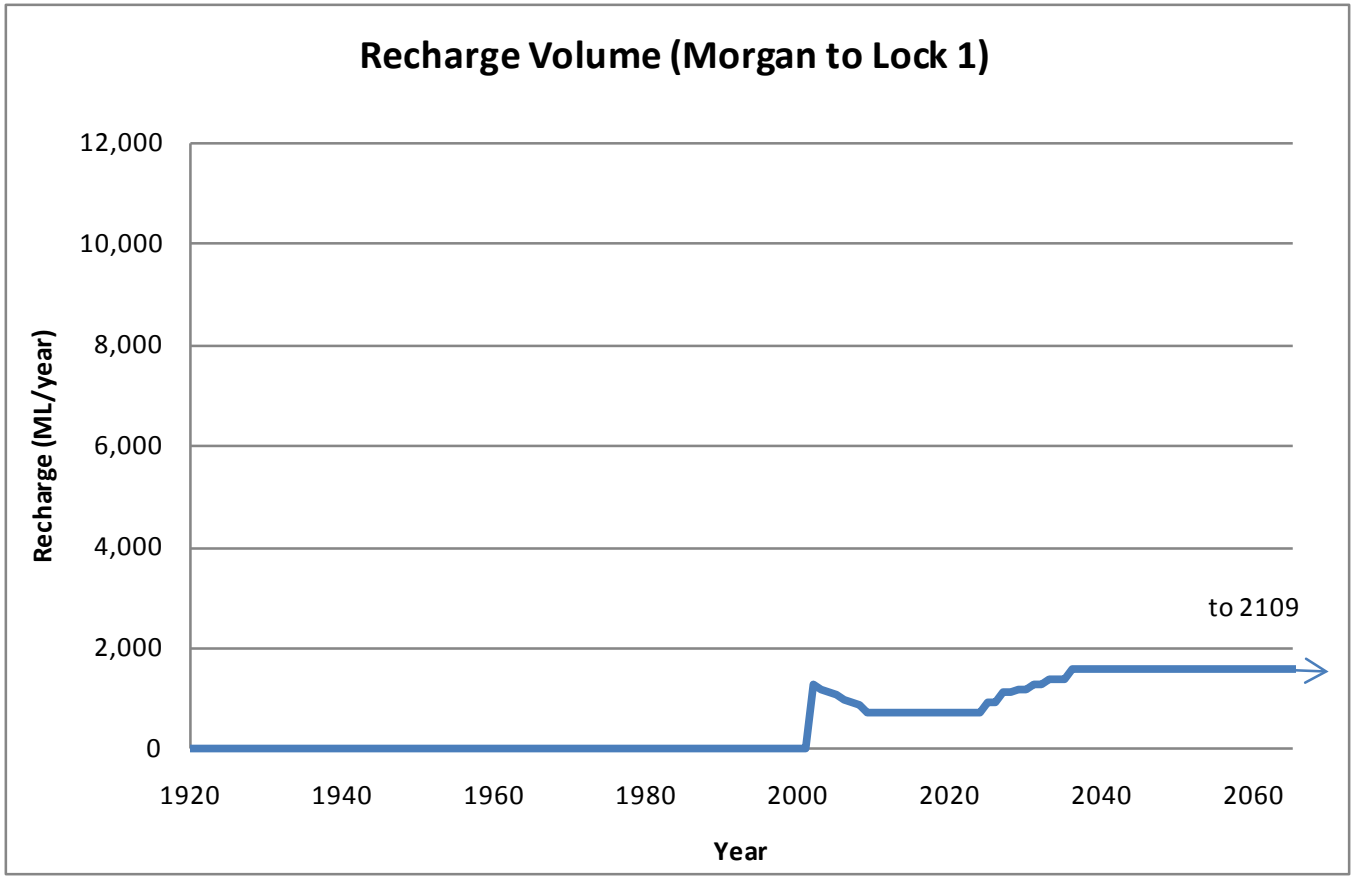
A-2(S4). Total recharge volume applied in the Murray Bridge to Wellington area (Scenario 4)

						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

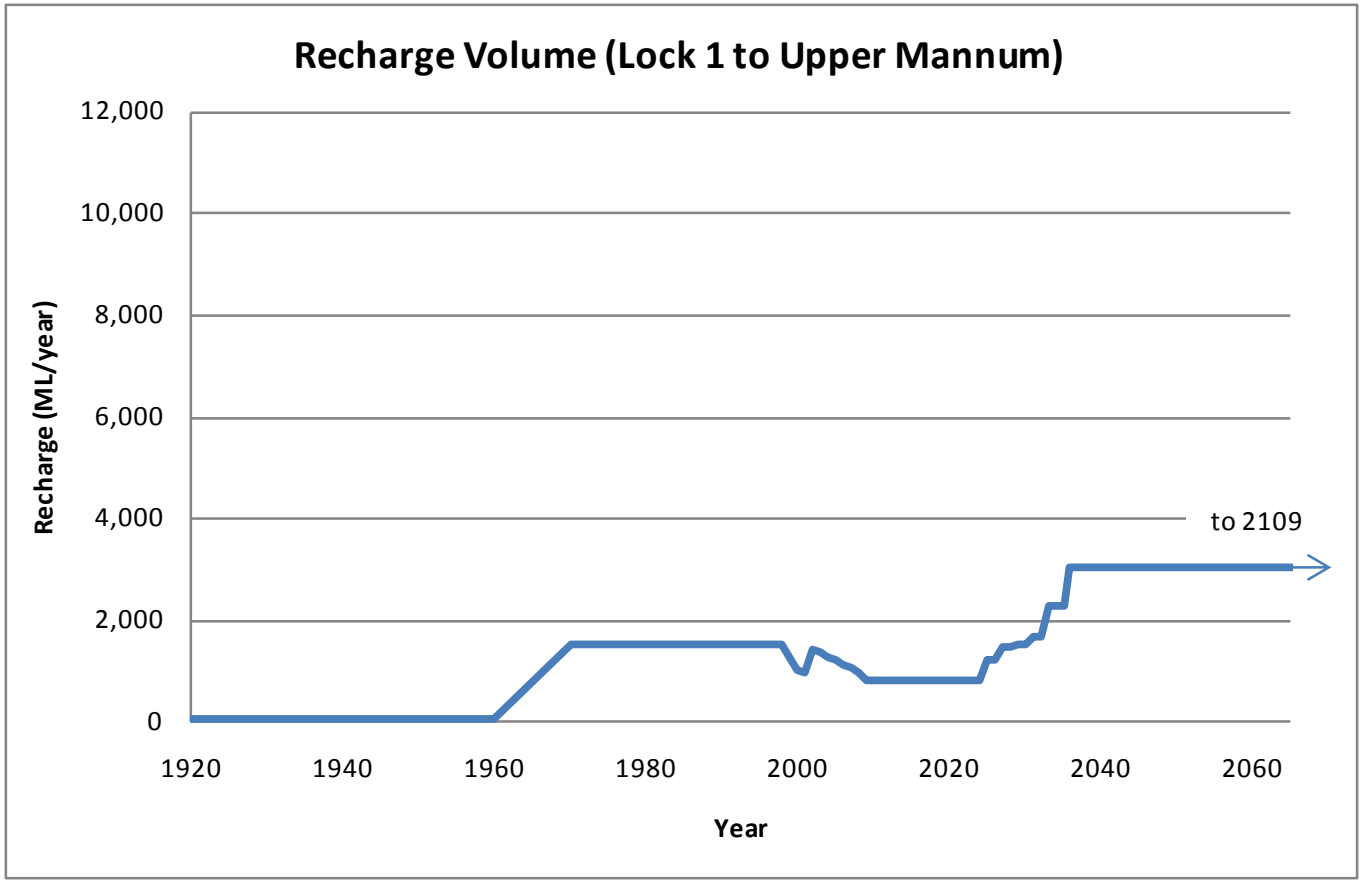
A-2(S5). Model recharge zones, irrigation start time, lag time and recharge rates (mm/yr) in the Morgan to Wellington area (Scenario 5)

						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

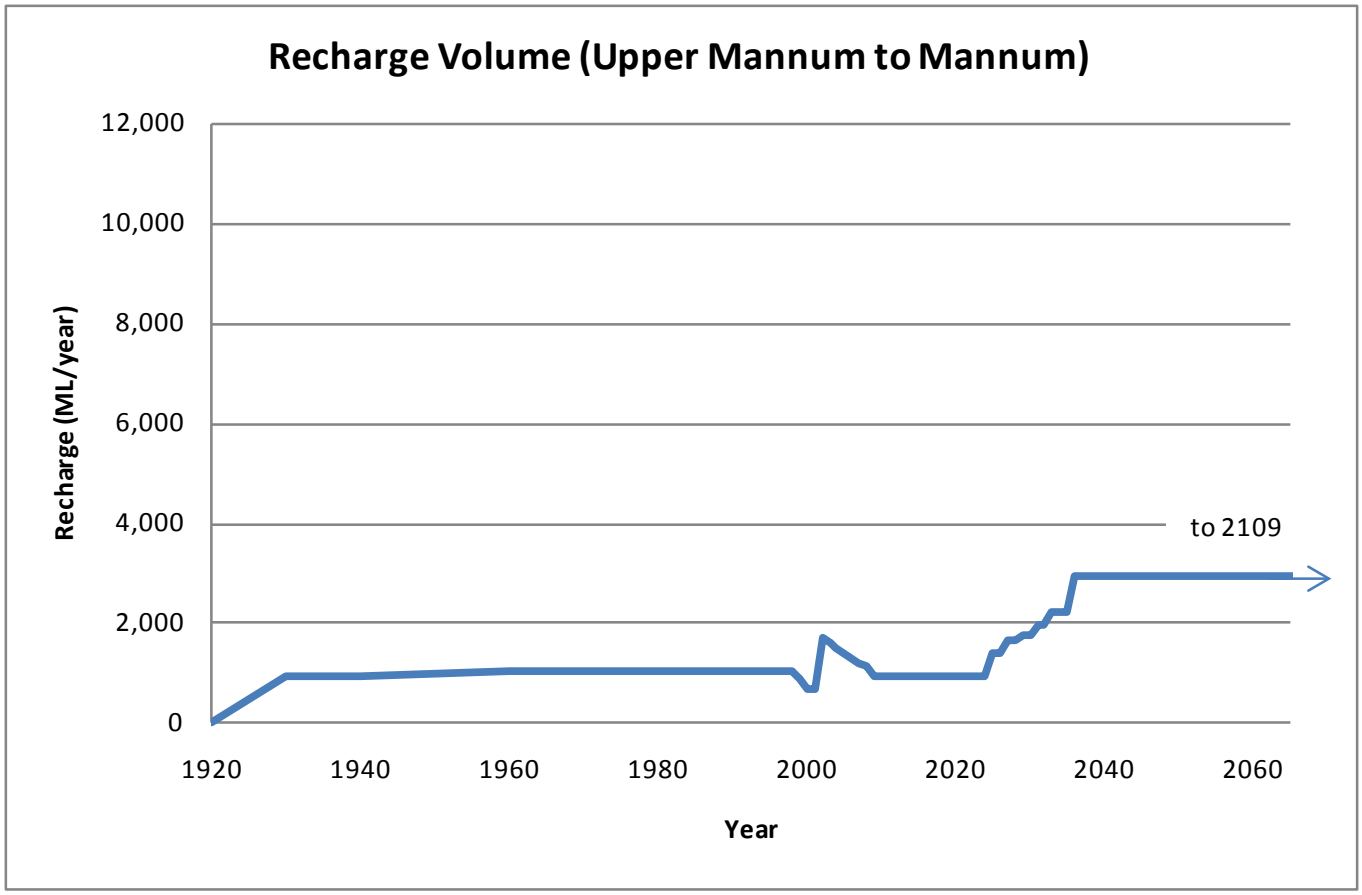
A-2(S5). Model recharge zones, irrigation start time, lag time and recharge rates (mm/yr) in the Morgan to Wellington area (Scenario 5)



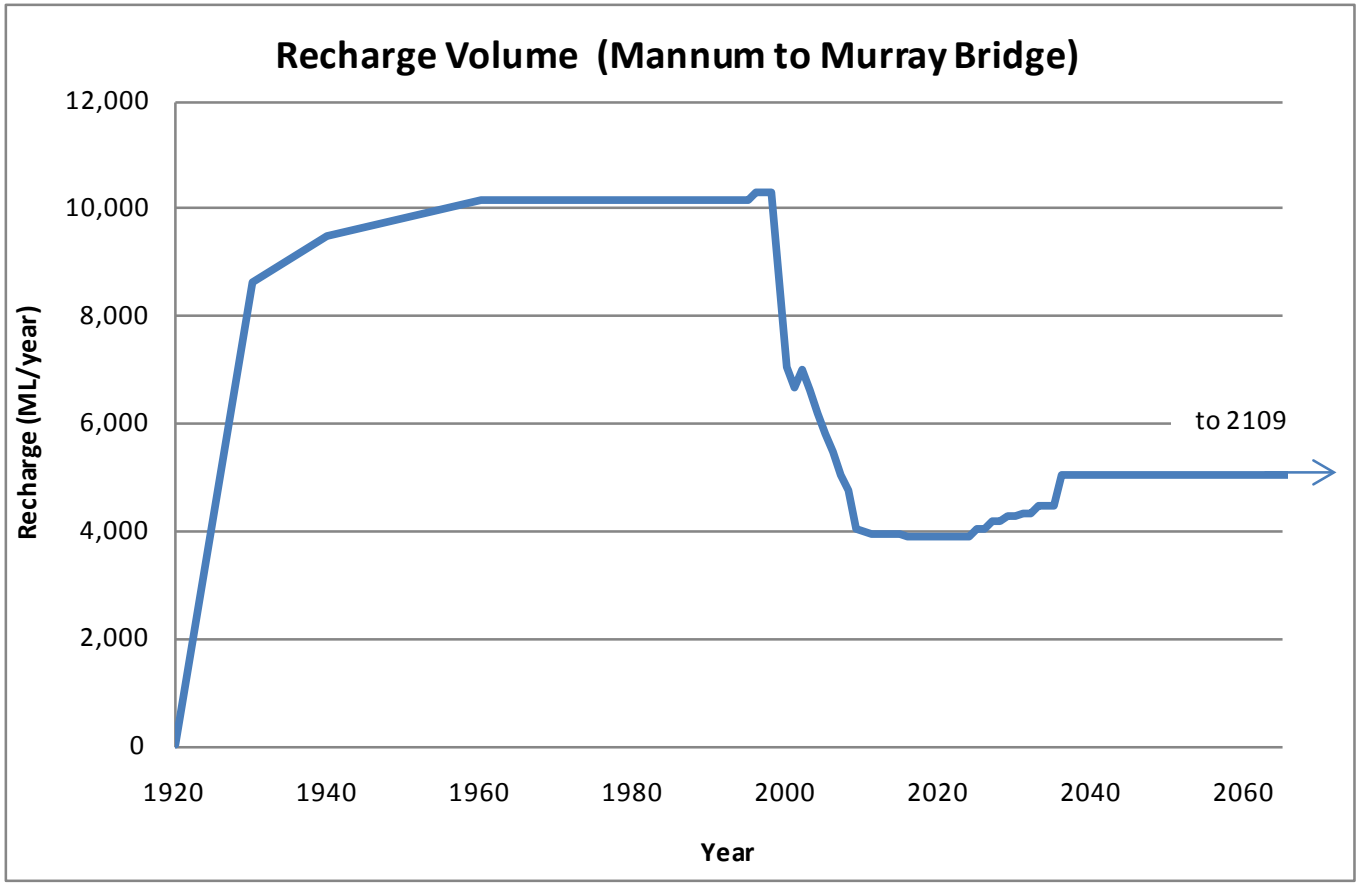
A-2(S5). Total recharge volume applied in the Morgan to Lock 1 area (Scenario 5)



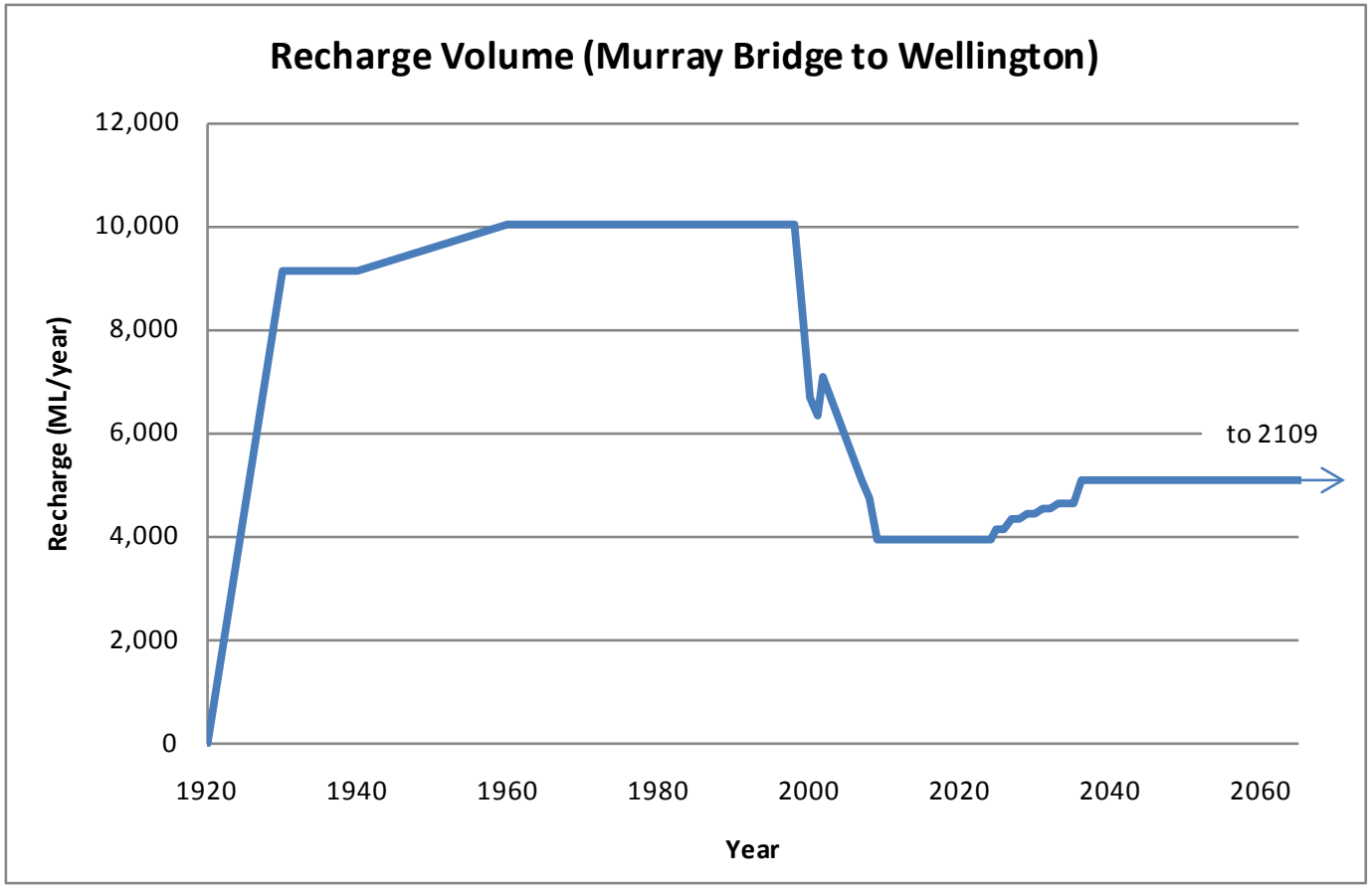
A-2(S5). Total recharge volume applied in the Lock 1 to Upper Mannum area (Scenario 5)



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	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1930	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1950	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1960	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1970	2.8	2.9	2.8	2.8	2.8	2.8	2.8
1980	2.8	2.9	2.8	2.8	2.8	2.8	2.8
1988	2.8	2.9	2.8	2.8	2.8	2.8	2.8
1989	2.8	2.9	2.8	2.8	2.8	2.8	2.8
1990	2.8	3.0	2.8	2.8	2.8	2.8	2.8
1991	2.8	3.0	2.8	2.8	2.8	2.8	2.8
1992	2.8	3.0	2.8	2.8	2.8	2.8	2.8
1993	2.8	3.1	2.8	2.8	2.8	2.8	2.8
1994	2.8	3.1	2.8	2.8	2.8	2.8	2.8
1995	2.8	3.1	2.8	2.8	2.8	2.8	2.8
1996	2.8	3.1	2.8	2.8	2.8	2.8	2.8
1997	2.8	3.1	2.8	2.8	2.8	2.8	2.8
1998	2.8	3.1	2.8	2.8	2.8	2.8	2.8
1999	2.8	3.1	2.8	2.8	2.8	2.8	2.8
2000	2.8	3.3	2.8	2.8	2.8	2.8	2.8
2001	2.8	3.3	7.2	7.2	7.2	7.2	7.2
2002	2.8	3.4	9.1	8.9	8.9	8.9	8.9
2003	2.8	3.4	10.3	9.7	9.7	9.7	9.7
2004	2.8	3.4	11.2	10.1	10.1	10.1	10.1
2005	2.8	3.5	11.9	10.4	10.4	10.4	10.4
2006	2.8	3.5	12.5	10.4	10.4	10.4	10.4
2007	2.8	3.5	13.0	10.4	10.4	10.4	10.4
2008	2.8	3.6	13.5	10.0	10.0	10.0	10.0
2009	2.8	3.6	13.9	9.9	9.9	9.9	9.9
2010	2.8	3.8	14.3	9.9	9.9	9.9	9.9
2011	2.8	3.9	14.6	10.0	10.0	10.0	10.0
2012	2.8	4.0	14.9	10.0	10.0	10.0	10.0
2013	2.8	4.1	15.1	10.1	10.1	10.1	10.1
2014	2.8	4.2	15.4	10.1	10.1	10.1	10.1
2015	2.8	4.3	15.6	10.2	10.2	10.2	10.2
2016	2.8	4.4	15.8	10.2	10.2	10.2	10.2
2017	2.8	4.4	16.0	10.3	10.3	10.3	10.3
2018	2.8	4.5	16.1	10.3	10.3	10.3	10.3
2019	2.8	4.5	16.3	10.3	10.4	10.4	10.4
2020	2.8	4.9	16.4	10.4	10.4	10.4	10.4
2021	2.8	5.1	16.5	10.4	10.4	10.4	10.4
2022	2.8	5.3	16.7	10.4	10.5	10.5	10.5
2023	2.8	5.4	16.8	10.5	10.5	10.5	10.5
2024	2.8	5.5	16.9	10.5	10.5	11.2	11.2

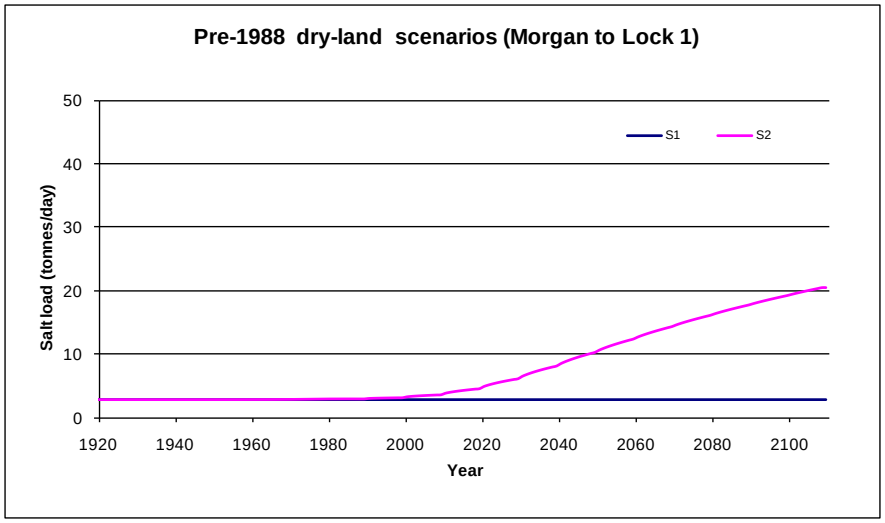
B-1-a. Modelled salt load (tonnes/day) entering the River Murray in the Morgan to Lock 1 Area (all scenarios)

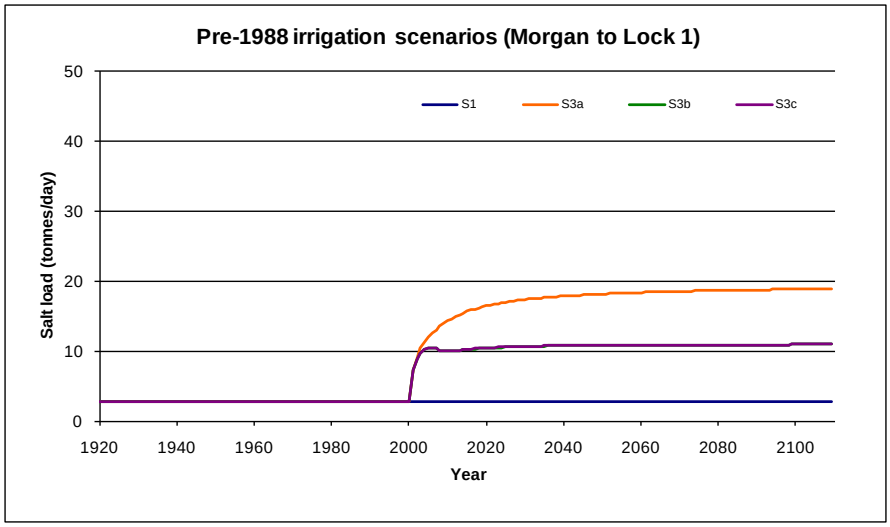
Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2025	2.8	5.7	16.9	10.5	10.5	11.5	11.5
2026	2.8	5.8	17.0	10.5	10.6	12.0	12.0
2027	2.8	5.9	17.1	10.5	10.6	12.4	12.4
2028	2.8	6.0	17.2	10.6	10.6	12.9	12.9
2029	2.8	6.1	17.2	10.6	10.6	13.2	13.2
2030	2.8	6.5	17.3	10.6	10.6	13.8	13.8
2031	2.8	6.7	17.4	10.6	10.6	14.2	14.2
2032	2.8	7.0	17.4	10.6	10.7	14.5	14.5
2033	2.8	7.2	17.5	10.6	10.7	14.7	14.7
2034	2.8	7.4	17.5	10.7	10.7	14.9	14.9
2035	2.8	7.5	17.6	10.7	10.7	15.3	15.3
2036	2.8	7.7	17.6	10.7	10.7	15.6	15.6
2037	2.8	7.8	17.7	10.7	10.7	15.8	15.8
2038	2.8	8.0	17.7	10.7	10.7	16.1	16.1
2039	2.8	8.1	17.8	10.7	10.7	16.3	16.3
2040	2.8	8.5	17.8	10.7	10.7	16.5	16.5
2041	2.8	8.8	17.8	10.7	10.7	16.7	16.7
2042	2.8	9.0	17.9	10.7	10.7	16.9	16.9
2043	2.8	9.2	17.9	10.7	10.7	17.1	17.1
2044	2.8	9.4	17.9	10.7	10.7	17.2	17.2
2045	2.8	9.6	18.0	10.7	10.7	17.3	17.3
2046	2.8	9.8	18.0	10.7	10.7	17.4	17.4
2047	2.8	10.0	18.0	10.7	10.7	17.5	17.5
2048	2.8	10.1	18.0	10.7	10.7	17.6	17.6
2049	2.8	10.3	18.1	10.7	10.7	17.7	17.7
2050	2.8	10.6	18.1	10.7	10.7	17.8	17.8
2051	2.8	10.9	18.1	10.7	10.7	17.9	17.9
2052	2.8	11.1	18.1	10.7	10.7	18.0	18.0
2053	2.8	11.3	18.2	10.8	10.8	18.0	18.0
2054	2.8	11.5	18.2	10.8	10.8	18.1	18.1
2055	2.8	11.7	18.2	10.8	10.8	18.1	18.1
2056	2.8	11.9	18.2	10.8	10.8	18.2	18.2
2057	2.8	12.1	18.3	10.8	10.8	18.2	18.2
2058	2.8	12.2	18.3	10.8	10.8	18.3	18.3
2059	2.8	12.4	18.3	10.8	10.8	18.3	18.3
2060	2.8	12.7	18.3	10.8	10.8	18.4	18.4
2061	2.8	12.9	18.3	10.8	10.8	18.4	18.4
2062	2.8	13.1	18.4	10.8	10.8	18.5	18.5
2063	2.8	13.3	18.4	10.8	10.8	18.5	18.5
2064	2.8	13.5	18.4	10.8	10.8	18.5	18.5
2065	2.8	13.7	18.4	10.8	10.8	18.6	18.6
2066	2.8	13.9	18.4	10.8	10.8	18.6	18.6

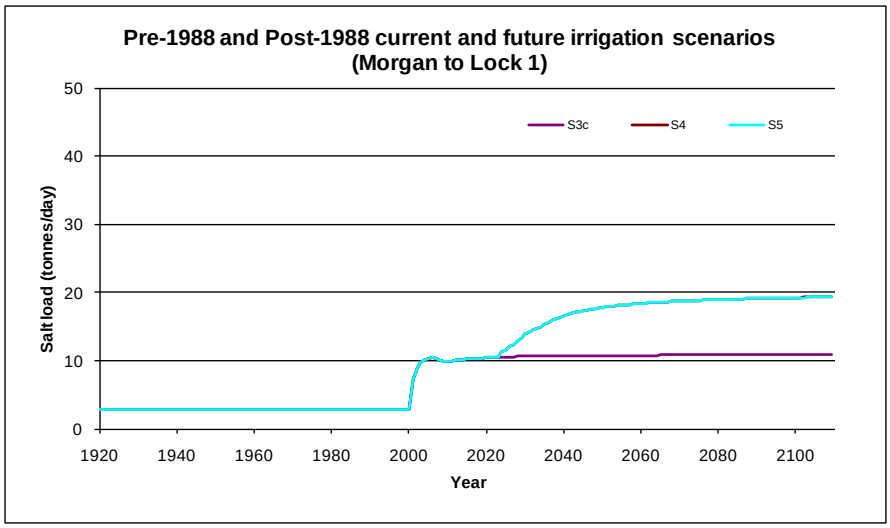
B-1-a. Modelled salt load (tonnes/day) entering the River Murray in the Morgan to Lock 1 Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2067	2.8	14.1	18.4	10.8	10.8	18.6	18.6
2068	2.8	14.2	18.5	10.8	10.8	18.7	18.7
2069	2.8	14.4	18.5	10.8	10.8	18.7	18.7
2070	2.8	14.6	18.5	10.8	10.8	18.7	18.7
2071	2.8	14.8	18.5	10.8	10.8	18.7	18.7
2072	2.8	15.0	18.5	10.8	10.8	18.8	18.8
2073	2.8	15.2	18.5	10.8	10.8	18.8	18.8
2074	2.8	15.4	18.5	10.8	10.8	18.8	18.8
2075	2.8	15.5	18.6	10.8	10.8	18.8	18.8
2076	2.8	15.7	18.6	10.8	10.8	18.9	18.9
2077	2.8	15.9	18.6	10.8	10.8	18.9	18.9
2078	2.8	16.0	18.6	10.8	10.8	18.9	18.9
2079	2.8	16.2	18.6	10.8	10.8	18.9	18.9
2080	2.8	16.4	18.6	10.8	10.8	18.9	18.9
2081	2.8	16.6	18.6	10.8	10.8	19.0	19.0
2082	2.8	16.7	18.6	10.8	10.8	19.0	19.0
2083	2.8	16.9	18.6	10.8	10.8	19.0	19.0
2084	2.8	17.1	18.7	10.8	10.8	19.0	19.0
2085	2.8	17.2	18.7	10.8	10.8	19.0	19.0
2086	2.8	17.4	18.7	10.8	10.8	19.1	19.0
2087	2.8	17.5	18.7	10.9	10.9	19.1	19.1
2088	2.8	17.7	18.7	10.9	10.9	19.1	19.1
2089	2.8	17.8	18.7	10.9	10.9	19.1	19.1
2090	2.8	18.0	18.7	10.9	10.9	19.1	19.1
2091	2.8	18.1	18.7	10.9	10.9	19.1	19.1
2092	2.8	18.3	18.7	10.9	10.9	19.1	19.1
2093	2.8	18.5	18.7	10.9	10.9	19.2	19.1
2094	2.8	18.6	18.7	10.9	10.9	19.2	19.2
2095	2.8	18.7	18.7	10.9	10.9	19.2	19.2
2096	2.8	18.9	18.7	10.9	10.9	19.2	19.2
2097	2.8	19.0	18.7	10.9	10.9	19.2	19.2
2098	2.8	19.2	18.8	10.9	10.9	19.2	19.2
2099	2.8	19.3	18.8	10.9	10.9	19.2	19.2
2100	2.8	19.5	18.8	10.9	10.9	19.2	19.2
2101	2.8	19.6	18.8	10.9	10.9	19.2	19.2
2102	2.8	19.7	18.8	10.9	10.9	19.3	19.2
2103	2.8	19.9	18.8	10.9	10.9	19.3	19.3
2104	2.8	20.0	18.8	10.9	10.9	19.3	19.3
2105	2.8	20.2	18.8	10.9	10.9	19.3	19.3
2106	2.8	20.3	18.8	10.9	10.9	19.3	19.3
2107	2.8	20.4	18.8	10.9	10.9	19.3	19.3
2108	2.8	20.5	18.8	10.9	10.9	19.3	19.3
2109	2.8	20.5	18.8	10.9	10.9	19.3	19.3

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	5.1	5.1	5.0	5.0	5.0	5.0	5.0
1930	5.1	5.1	5.0	5.0	5.0	5.0	5.0
1950	5.1	5.2	5.0	5.0	5.0	5.0	5.0
1960	5.1	5.3	5.0	5.0	5.0	5.0	5.0
1970	5.1	5.3	9.2	9.2	9.2	9.2	9.2
1980	5.1	5.3	10.6	10.6	10.6	10.6	10.6
1988	5.1	5.3	10.7	10.7	10.7	10.7	10.7
1989	5.1	5.3	10.7	10.7	10.7	10.7	10.7
1990	5.1	5.4	10.8	10.8	10.8	10.8	10.8
1991	5.1	5.4	10.8	10.8	10.8	10.8	10.8
1992	5.1	5.4	10.9	10.9	10.9	10.9	10.9
1993	5.1	5.4	10.9	10.9	10.9	10.9	10.9
1994	5.1	5.4	11.0	11.0	11.0	11.0	11.0
1995	5.1	5.4	11.0	11.0	11.0	11.0	11.0
1996	5.1	5.4	11.1	11.1	11.1	11.1	11.1
1997	5.1	5.4	11.2	11.2	11.2	11.2	11.2
1998	5.1	5.4	11.3	11.2	11.2	11.2	11.2
1999	5.1	5.4	11.4	11.1	11.1	11.1	11.1
2000	5.1	5.4	11.4	10.9	10.9	10.9	10.9
2001	5.1	5.5	12.3	11.6	11.6	11.6	11.6
2002	5.1	5.5	12.7	11.7	11.7	11.7	11.7
2003	5.1	5.5	13.0	11.7	11.7	11.7	11.7
2004	5.1	5.5	13.2	11.6	11.6	11.6	11.6
2005	5.1	5.5	13.4	11.5	11.5	11.5	11.5
2006	5.1	5.5	13.5	11.3	11.3	11.3	11.3
2007	5.1	5.5	13.7	11.2	11.2	11.2	11.2
2008	5.1	5.5	13.8	10.9	10.9	10.9	10.9
2009	5.1	5.5	13.9	10.7	10.7	10.7	10.7
2010	5.1	5.5	14.0	10.6	10.6	10.6	10.6
2011	5.1	5.5	14.1	10.5	10.4	10.4	10.4
2012	5.1	5.5	14.1	10.4	10.4	10.4	10.4
2013	5.1	5.5	14.2	10.3	10.3	10.3	10.3
2014	5.1	5.5	14.3	10.2	10.2	10.2	10.2
2015	5.1	5.5	14.3	10.2	10.1	10.1	10.1
2016	5.1	5.5	14.4	10.1	10.1	10.1	10.1
2017	5.1	5.5	14.5	10.1	10.0	10.0	10.0
2018	5.1	5.5	14.5	10.0	10.0	10.0	10.0
2019	5.1	5.5	14.6	10.0	10.0	10.0	10.0
2020	5.1	5.5	14.6	10.0	9.9	9.9	9.9
2021	5.1	5.6	14.6	9.9	9.9	9.9	9.9
2022	5.1	5.6	14.7	9.9	9.9	9.9	9.9
2023	5.1	5.6	14.7	9.9	9.9	9.9	9.9
2024	5.1	5.6	14.8	9.9	9.8	10.1	10.1

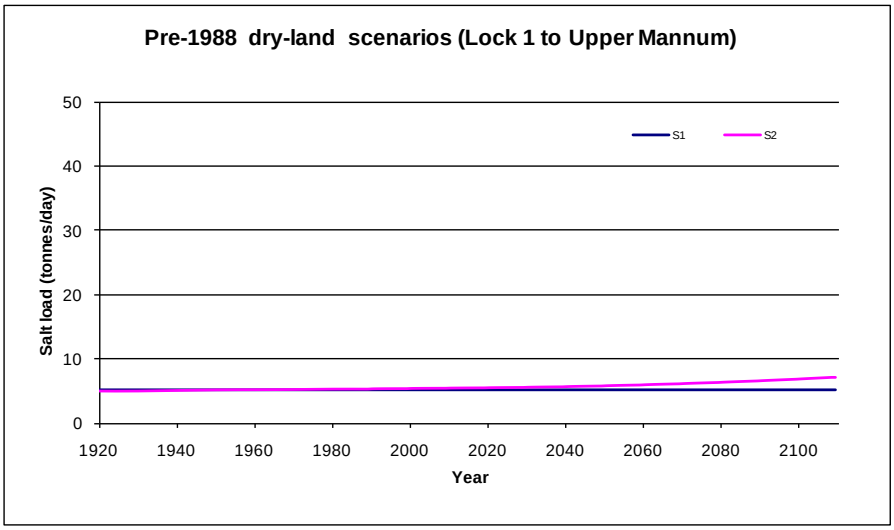
B-1-b. Modelled salt load (tonnes/day) entering the River Murray in the Lock 1 to Upper Mannum Area (all scenarios)

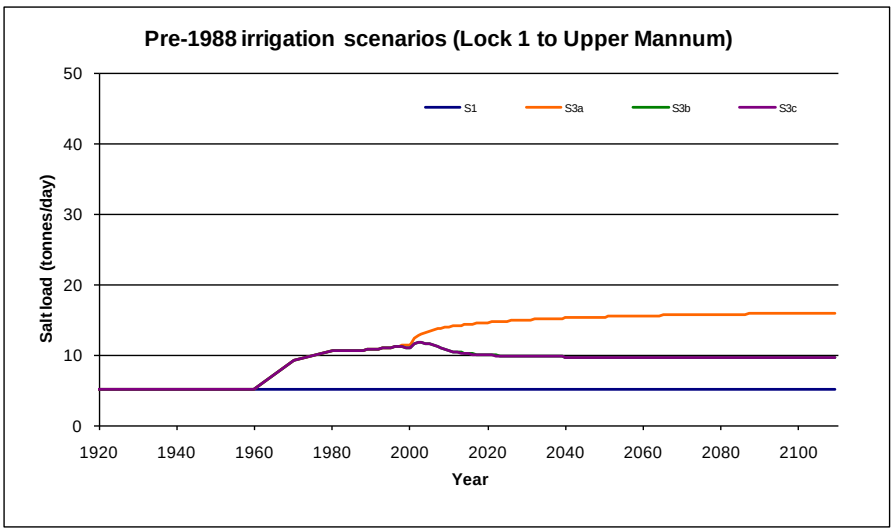
Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2025	5.1	5.6	14.8	9.9	9.8	10.2	10.2
2026	5.1	5.6	14.8	9.8	9.8	10.3	10.3
2027	5.1	5.6	14.9	9.8	9.8	10.5	10.5
2028	5.1	5.6	14.9	9.8	9.8	10.6	10.6
2029	5.1	5.6	14.9	9.8	9.8	10.7	10.7
2030	5.1	5.6	15.0	9.8	9.8	10.9	10.9
2031	5.1	5.6	15.0	9.8	9.7	11.1	11.1
2032	5.1	5.6	15.0	9.8	9.7	11.5	11.5
2033	5.1	5.6	15.0	9.7	9.7	11.7	11.7
2034	5.1	5.7	15.1	9.7	9.7	11.9	11.9
2035	5.1	5.7	15.1	9.7	9.7	12.4	12.4
2036	5.1	5.7	15.1	9.7	9.7	12.8	12.8
2037	5.1	5.7	15.1	9.7	9.7	13.1	13.1
2038	5.1	5.7	15.2	9.7	9.7	13.3	13.3
2039	5.1	5.7	15.2	9.7	9.7	13.5	13.5
2040	5.1	5.7	15.2	9.7	9.7	13.7	13.7
2041	5.1	5.7	15.2	9.7	9.7	13.9	13.9
2042	5.1	5.7	15.2	9.7	9.7	14.1	14.1
2043	5.1	5.7	15.3	9.7	9.7	14.2	14.2
2044	5.1	5.8	15.3	9.7	9.7	14.4	14.4
2045	5.1	5.8	15.3	9.7	9.7	14.5	14.5
2046	5.1	5.8	15.3	9.7	9.7	14.7	14.7
2047	5.1	5.8	15.3	9.7	9.7	14.8	14.8
2048	5.1	5.8	15.4	9.7	9.7	15.0	15.0
2049	5.1	5.8	15.4	9.7	9.7	15.1	15.1
2050	5.1	5.8	15.4	9.7	9.7	15.2	15.2
2051	5.1	5.8	15.4	9.7	9.7	15.3	15.3
2052	5.1	5.9	15.4	9.7	9.7	15.4	15.4
2053	5.1	5.9	15.4	9.7	9.7	15.5	15.5
2054	5.1	5.9	15.4	9.7	9.7	15.6	15.6
2055	5.1	5.9	15.5	9.7	9.7	15.8	15.8
2056	5.1	5.9	15.5	9.7	9.7	15.9	15.9
2057	5.1	5.9	15.5	9.7	9.7	15.9	15.9
2058	5.1	5.9	15.5	9.7	9.7	16.0	16.0
2059	5.1	5.9	15.5	9.7	9.7	16.1	16.1
2060	5.1	6.0	15.5	9.7	9.7	16.2	16.2
2061	5.1	6.0	15.5	9.7	9.7	16.3	16.3
2062	5.1	6.0	15.6	9.7	9.7	16.4	16.4
2063	5.1	6.0	15.6	9.7	9.7	16.5	16.5
2064	5.1	6.0	15.6	9.7	9.7	16.6	16.6
2065	5.1	6.1	15.6	9.7	9.7	16.6	16.6
2066	5.1	6.1	15.6	9.7	9.7	16.7	16.7

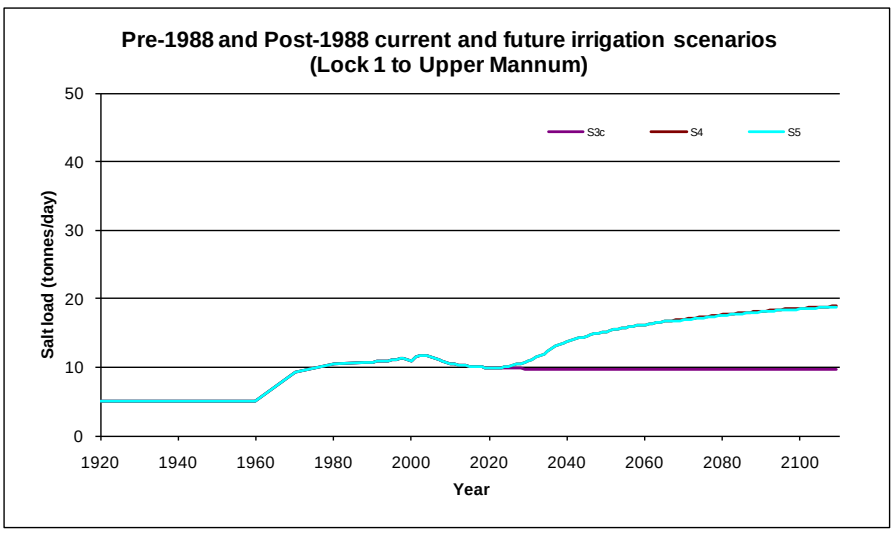
B-1-b. Modelled salt load (tonnes/day) entering the River Murray in the Lock 1 to Upper Mannum Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2067	5.1	6.1	15.6	9.6	9.6	16.8	16.6
2068	5.1	6.1	15.6	9.6	9.6	16.9	16.7
2069	5.1	6.1	15.6	9.6	9.6	17.0	16.8
2070	5.1	6.1	15.6	9.6	9.6	17.0	16.9
2071	5.1	6.2	15.7	9.6	9.6	17.1	16.9
2072	5.1	6.2	15.7	9.6	9.6	17.2	17.0
2073	5.1	6.2	15.7	9.6	9.6	17.2	17.1
2074	5.1	6.2	15.7	9.6	9.6	17.3	17.1
2075	5.1	6.2	15.7	9.6	9.6	17.4	17.2
2076	5.1	6.3	15.7	9.6	9.6	17.4	17.3
2077	5.1	6.3	15.7	9.6	9.6	17.5	17.3
2078	5.1	6.3	15.7	9.6	9.6	17.5	17.4
2079	5.1	6.3	15.7	9.6	9.6	17.6	17.5
2080	5.1	6.3	15.7	9.6	9.6	17.7	17.5
2081	5.1	6.4	15.7	9.6	9.6	17.7	17.6
2082	5.1	6.4	15.7	9.6	9.6	17.8	17.7
2083	5.1	6.4	15.8	9.6	9.6	17.8	17.7
2084	5.1	6.4	15.8	9.6	9.6	17.9	17.8
2085	5.1	6.5	15.8	9.6	9.6	17.9	17.8
2086	5.1	6.5	15.8	9.6	9.6	18.0	17.9
2087	5.1	6.5	15.8	9.6	9.6	18.0	17.9
2088	5.1	6.5	15.8	9.6	9.6	18.1	18.0
2089	5.1	6.5	15.8	9.6	9.6	18.1	18.0
2090	5.1	6.6	15.8	9.6	9.6	18.2	18.1
2091	5.1	6.6	15.8	9.6	9.6	18.2	18.1
2092	5.1	6.6	15.8	9.6	9.6	18.3	18.2
2093	5.1	6.6	15.8	9.6	9.6	18.3	18.2
2094	5.1	6.7	15.8	9.6	9.6	18.4	18.3
2095	5.1	6.7	15.8	9.6	9.6	18.4	18.3
2096	5.1	6.7	15.8	9.6	9.6	18.4	18.3
2097	5.1	6.7	15.8	9.6	9.6	18.5	18.4
2098	5.1	6.8	15.8	9.6	9.6	18.5	18.4
2099	5.1	6.8	15.9	9.6	9.6	18.6	18.4
2100	5.1	6.8	15.9	9.6	9.6	18.6	18.5
2101	5.1	6.9	15.9	9.6	9.6	18.6	18.5
2102	5.1	6.9	15.9	9.6	9.6	18.7	18.6
2103	5.1	6.9	15.9	9.6	9.6	18.7	18.6
2104	5.1	6.9	15.9	9.6	9.6	18.8	18.6
2105	5.1	7.0	15.9	9.6	9.6	18.8	18.7
2106	5.1	7.0	15.9	9.6	9.6	18.8	18.7
2107	5.1	7.0	15.9	9.6	9.6	18.8	18.7
2108	5.1	7.0	15.9	9.6	9.6	18.9	18.8
2109	5.1	7.0	15.9	9.6	9.6	18.9	18.8

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	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1930	3.4	3.5	3.4	3.4	3.4	3.4	3.4
1950	3.4	3.9	3.4	3.4	3.4	3.4	3.4
1960	3.4	4.1	3.4	3.4	3.4	3.4	3.4
1970	3.4	4.3	3.4	3.4	3.4	3.4	3.4
1980	3.4	4.4	3.4	3.4	3.4	3.4	3.4
1988	3.4	4.4	3.4	3.4	3.4	3.4	3.4
1989	3.4	4.4	3.4	3.4	3.4	3.4	3.4
1990	3.4	4.5	3.4	3.4	3.4	3.4	3.4
1991	3.4	4.5	3.4	3.4	3.4	3.4	3.4
1992	3.4	4.6	3.4	3.4	3.4	3.4	3.4
1993	3.4	4.6	3.4	3.4	3.4	3.4	3.4
1994	3.4	4.6	3.4	3.4	3.4	3.4	3.4
1995	3.4	4.6	3.4	3.4	3.4	3.4	3.4
1996	3.4	4.6	3.4	3.4	3.4	3.4	3.4
1997	3.4	4.6	3.4	3.4	3.4	3.4	3.4
1998	3.4	4.6	3.4	3.4	3.4	3.4	3.4
1999	3.4	4.6	3.4	3.4	3.4	3.4	3.4
2000	3.4	4.7	3.4	3.4	3.4	3.4	3.4
2001	3.4	4.7	5.6	5.6	5.6	5.6	5.6
2002	3.4	4.7	6.7	6.6	6.6	6.6	6.6
2003	3.4	4.8	7.3	7.0	7.0	7.0	7.0
2004	3.4	4.8	7.8	7.2	7.2	7.2	7.2
2005	3.4	4.8	8.1	7.3	7.3	7.3	7.3
2006	3.4	4.8	8.3	7.2	7.2	7.2	7.2
2007	3.4	4.8	8.5	7.1	7.1	7.1	7.1
2008	3.4	4.8	8.6	6.8	6.8	6.8	6.8
2009	3.4	4.8	8.7	6.7	6.7	6.7	6.7
2010	3.4	4.9	8.8	6.7	6.7	6.7	6.7
2011	3.4	4.9	8.9	6.6	6.6	6.6	6.6
2012	3.4	4.9	9.0	6.6	6.6	6.6	6.6
2013	3.4	4.9	9.0	6.6	6.6	6.6	6.6
2014	3.4	4.9	9.1	6.6	6.6	6.6	6.6
2015	3.4	4.9	9.2	6.7	6.7	6.7	6.7
2016	3.4	4.9	9.2	6.7	6.7	6.7	6.7
2017	3.4	4.9	9.3	6.7	6.7	6.7	6.7
2018	3.4	5.0	9.3	6.7	6.7	6.7	6.7
2019	3.4	5.0	9.3	6.7	6.7	6.7	6.7
2020	3.4	5.0	9.4	6.7	6.7	6.7	6.7
2021	3.4	5.0	9.4	6.7	6.7	6.7	6.7
2022	3.4	5.0	9.4	6.7	6.7	6.7	6.7
2023	3.4	5.1	9.5	6.7	6.7	6.7	6.7
2024	3.4	5.1	9.5	6.7	6.8	7.2	7.2

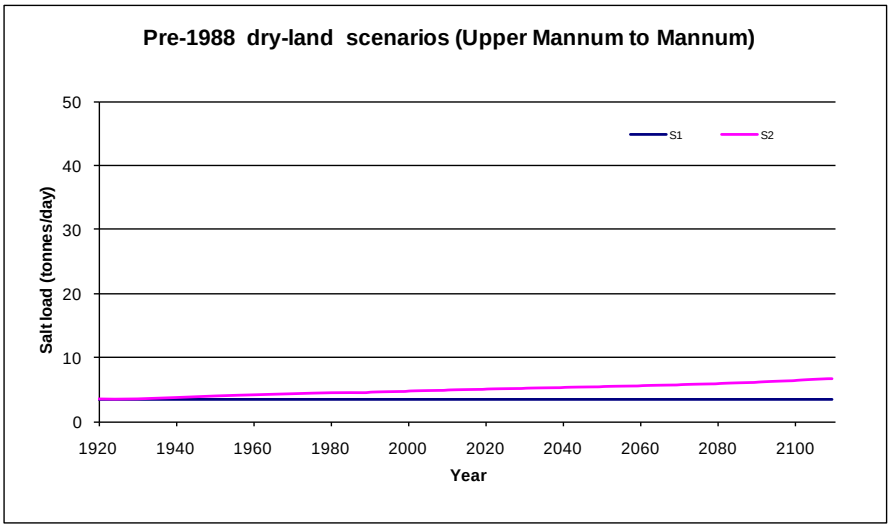
B-1-c. Modelled salt load (tonnes/day) entering the River Murray in the Upper Mannum to Mannum Area (all scenarios)

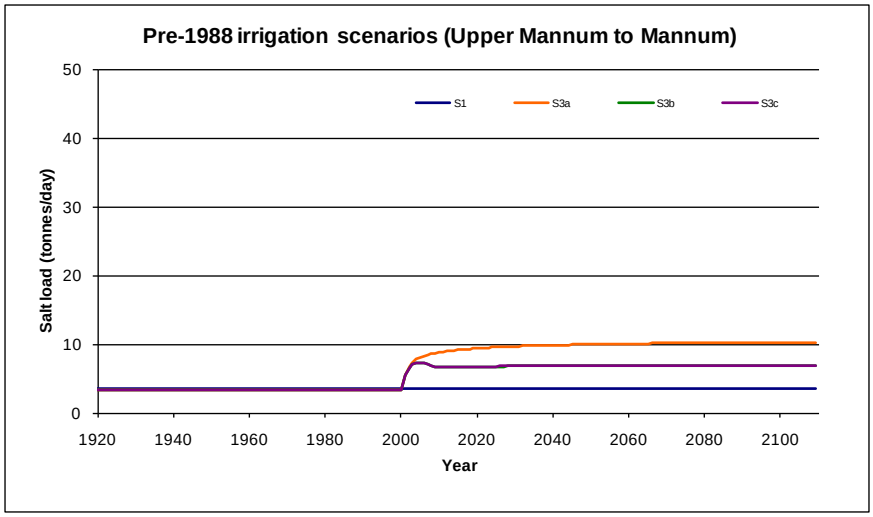
Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2025	3.4	5.1	9.5	6.7	6.8	7.5	7.5
2026	3.4	5.1	9.6	6.8	6.8	7.9	7.9
2027	3.4	5.1	9.6	6.8	6.8	8.1	8.1
2028	3.4	5.1	9.6	6.8	6.8	8.4	8.4
2029	3.4	5.1	9.6	6.8	6.8	8.6	8.6
2030	3.4	5.1	9.7	6.8	6.8	9.0	9.0
2031	3.4	5.2	9.7	6.8	6.8	9.2	9.2
2032	3.4	5.2	9.7	6.8	6.8	9.7	9.7
2033	3.4	5.2	9.7	6.8	6.8	10.0	10.0
2034	3.4	5.2	9.7	6.8	6.8	10.3	10.3
2035	3.4	5.2	9.8	6.8	6.8	11.0	11.0
2036	3.4	5.2	9.8	6.8	6.8	11.4	11.4
2037	3.4	5.2	9.8	6.8	6.8	11.8	11.8
2038	3.4	5.2	9.8	6.8	6.8	12.2	12.2
2039	3.4	5.2	9.8	6.8	6.8	12.5	12.5
2040	3.4	5.3	9.8	6.8	6.8	12.8	12.8
2041	3.4	5.3	9.9	6.8	6.8	13.1	13.1
2042	3.4	5.3	9.9	6.8	6.8	13.3	13.3
2043	3.4	5.3	9.9	6.8	6.8	13.6	13.6
2044	3.4	5.3	9.9	6.8	6.8	13.8	13.8
2045	3.4	5.3	9.9	6.8	6.8	14.0	14.0
2046	3.4	5.3	9.9	6.8	6.8	14.1	14.1
2047	3.4	5.4	9.9	6.8	6.8	14.3	14.3
2048	3.4	5.4	9.9	6.8	6.8	14.5	14.5
2049	3.4	5.4	10.0	6.8	6.8	14.7	14.7
2050	3.4	5.4	10.0	6.8	6.8	14.8	14.8
2051	3.4	5.4	10.0	6.8	6.8	14.9	14.9
2052	3.4	5.4	10.0	6.8	6.8	15.1	15.1
2053	3.4	5.5	10.0	6.8	6.8	15.2	15.2
2054	3.4	5.5	10.0	6.8	6.8	15.3	15.3
2055	3.4	5.5	10.0	6.8	6.8	15.5	15.5
2056	3.4	5.5	10.0	6.8	6.8	15.6	15.6
2057	3.4	5.5	10.0	6.8	6.8	15.7	15.7
2058	3.4	5.5	10.0	6.8	6.8	15.8	15.8
2059	3.4	5.5	10.1	6.8	6.8	15.9	15.9
2060	3.4	5.6	10.1	6.9	6.9	16.0	16.0
2061	3.4	5.6	10.1	6.9	6.9	16.1	16.1
2062	3.4	5.6	10.1	6.9	6.9	16.2	16.2
2063	3.4	5.6	10.1	6.9	6.9	16.3	16.3
2064	3.4	5.6	10.1	6.9	6.9	16.3	16.3
2065	3.4	5.6	10.1	6.9	6.9	16.4	16.4
2066	3.4	5.6	10.1	6.9	6.9	16.5	16.5

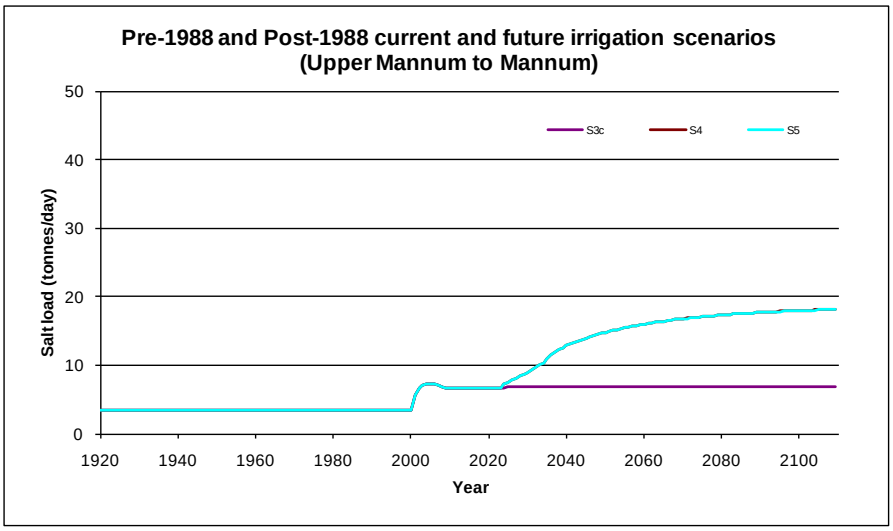
B-1-c. Modelled salt load (tonnes/day) entering the River Murray in the Upper Mannum to Mannum Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2067	3.4	5.6	10.1	6.9	6.9	16.6	16.6
2068	3.4	5.7	10.1	6.9	6.9	16.6	16.6
2069	3.4	5.7	10.1	6.9	6.9	16.7	16.7
2070	3.4	5.7	10.1	6.9	6.9	16.8	16.8
2071	3.4	5.7	10.1	6.9	6.9	16.8	16.8
2072	3.4	5.8	10.1	6.9	6.9	16.9	16.9
2073	3.4	5.8	10.1	6.9	6.9	17.0	16.9
2074	3.4	5.8	10.1	6.9	6.9	17.0	17.0
2075	3.4	5.8	10.2	6.9	6.9	17.1	17.1
2076	3.4	5.8	10.2	6.9	6.9	17.1	17.1
2077	3.4	5.8	10.2	6.9	6.9	17.2	17.2
2078	3.4	5.8	10.2	6.9	6.9	17.2	17.2
2079	3.4	5.8	10.2	6.9	6.9	17.3	17.3
2080	3.4	5.9	10.2	6.9	6.9	17.3	17.3
2081	3.4	5.9	10.2	6.9	6.9	17.4	17.4
2082	3.4	5.9	10.2	6.9	6.9	17.4	17.4
2083	3.4	6.0	10.2	6.9	6.9	17.4	17.4
2084	3.4	6.0	10.2	6.9	6.9	17.5	17.5
2085	3.4	6.0	10.2	6.9	6.9	17.5	17.5
2086	3.4	6.0	10.2	6.9	6.9	17.6	17.6
2087	3.4	6.0	10.2	6.9	6.9	17.6	17.6
2088	3.4	6.0	10.2	6.9	6.9	17.6	17.6
2089	3.4	6.1	10.2	6.9	6.9	17.7	17.7
2090	3.4	6.1	10.2	6.9	6.9	17.7	17.7
2091	3.4	6.2	10.2	6.9	6.9	17.7	17.7
2092	3.4	6.2	10.2	6.9	6.9	17.8	17.7
2093	3.4	6.2	10.2	6.9	6.9	17.8	17.8
2094	3.4	6.2	10.2	6.9	6.9	17.8	17.8
2095	3.4	6.3	10.2	6.9	6.9	17.8	17.8
2096	3.4	6.3	10.2	6.9	6.9	17.9	17.8
2097	3.4	6.3	10.2	6.9	6.9	17.9	17.9
2098	3.4	6.3	10.2	6.9	6.9	17.9	17.9
2099	3.4	6.3	10.2	6.9	6.9	18.0	17.9
2100	3.4	6.4	10.2	6.9	6.9	18.0	17.9
2101	3.4	6.4	10.2	6.9	6.9	18.0	18.0
2102	3.4	6.5	10.2	6.9	6.9	18.0	18.0
2103	3.4	6.5	10.2	6.9	6.9	18.0	18.0
2104	3.4	6.5	10.2	6.9	6.9	18.1	18.0
2105	3.4	6.6	10.2	6.9	6.9	18.1	18.1
2106	3.4	6.6	10.2	6.9	6.9	18.1	18.1
2107	3.4	6.6	10.2	6.9	6.9	18.1	18.1
2108	3.4	6.7	10.3	6.9	6.9	18.1	18.1
2109	3.4	6.7	10.3	6.9	6.9	18.1	18.1

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	17.7	17.7	17.7	17.7	17.7	17.7
1930	0.2	17.7	21.0	21.0	21.0	21.0	21.0
1950	0.2	17.7	33.2	33.2	33.2	33.2	33.2
1960	0.2	17.7	41.7	41.7	41.7	41.7	41.7
1970	0.2	20.0	42.6	42.6	42.6	42.6	42.6
1980	0.2	20.4	42.9	42.9	42.9	42.9	42.9
1988	0.2	20.4	43.0	43.0	43.0	43.0	43.0
1989	0.2	20.4	43.0	43.0	43.0	43.0	43.0
1990	0.2	20.6	43.0	43.0	43.0	43.0	43.0
1991	0.2	20.7	43.0	43.0	43.0	43.0	43.0
1992	0.2	20.7	43.0	43.0	43.0	43.0	43.0
1993	0.2	20.8	43.0	43.0	43.0	43.0	43.0
1994	0.2	20.8	43.1	43.1	43.1	43.1	43.1
1995	0.2	20.8	43.5	43.5	43.5	43.5	43.5
1996	0.2	20.8	44.0	44.0	44.0	44.0	44.0
1997	0.2	20.9	44.3	44.3	44.3	44.3	44.3
1998	0.2	20.9	44.5	44.0	44.0	44.0	44.0
1999	0.2	20.9	44.7	43.6	42.2	42.2	42.2
2000	0.2	21.1	44.8	42.9	40.3	40.3	40.3
2001	0.2	21.1	46.4	43.9	40.2	40.2	40.2
2002	0.2	21.2	47.1	44.2	39.3	39.3	39.3
2003	0.2	21.2	47.6	44.2	38.2	38.2	38.2
2004	0.2	21.2	48.0	44.1	37.6	37.6	37.6
2005	0.2	21.3	48.3	44.0	37.0	37.0	37.0
2006	0.2	21.3	48.5	43.8	36.1	36.1	36.1
2007	0.2	21.3	48.7	43.5	35.7	35.7	35.7
2008	0.2	21.3	48.9	43.2	35.1	35.1	35.1
2009	0.2	21.3	49.0	42.7	34.1	34.1	34.1
2010	0.2	21.5	49.1	42.5	33.4	33.4	33.4
2011	0.2	21.6	49.2	42.3	32.9	32.9	32.9
2012	0.2	21.6	49.4	42.2	32.6	32.6	32.6
2013	0.2	21.7	49.4	42.2	32.2	32.2	32.2
2014	0.2	21.7	49.5	42.1	32.0	32.0	32.0
2015	0.2	21.7	49.6	42.1	31.7	31.7	31.7
2016	0.2	21.7	49.7	42.0	31.5	31.5	31.5
2017	0.2	21.8	49.8	42.0	31.3	31.3	31.3
2018	0.2	21.8	49.8	42.0	30.9	30.9	30.9
2019	0.2	21.8	49.9	41.9	30.8	30.8	30.8
2020	0.2	21.9	49.9	41.9	30.7	30.7	30.7
2021	0.2	22.0	50.0	41.9	30.7	30.7	30.7
2022	0.2	22.1	50.1	41.9	30.6	30.6	30.6
2023	0.2	22.1	50.1	41.9	30.6	30.6	30.6
2024	0.2	22.1	50.1	41.9	30.6	31.0	31.0

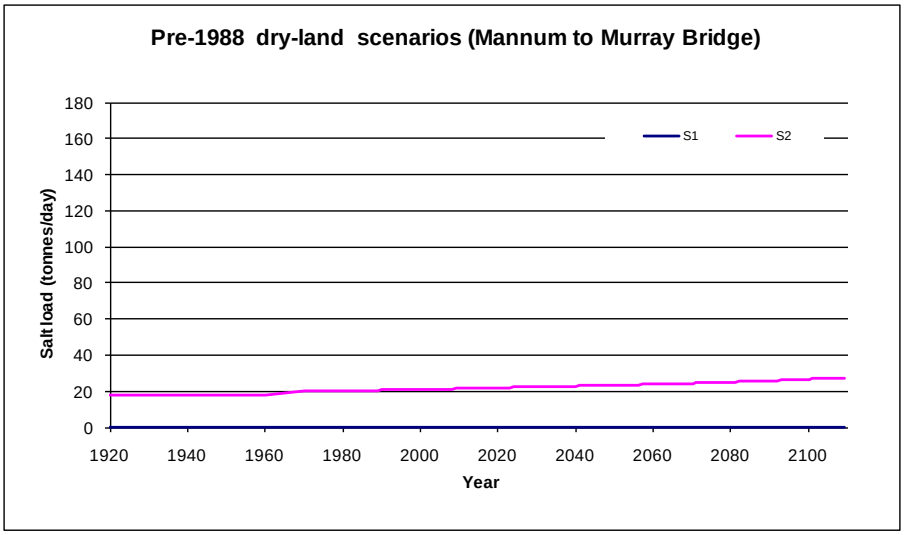
B-1-d. Modelled salt load (tonnes/day) entering the River Murray in the Mannum to Murray Bridge Area (all scenarios)

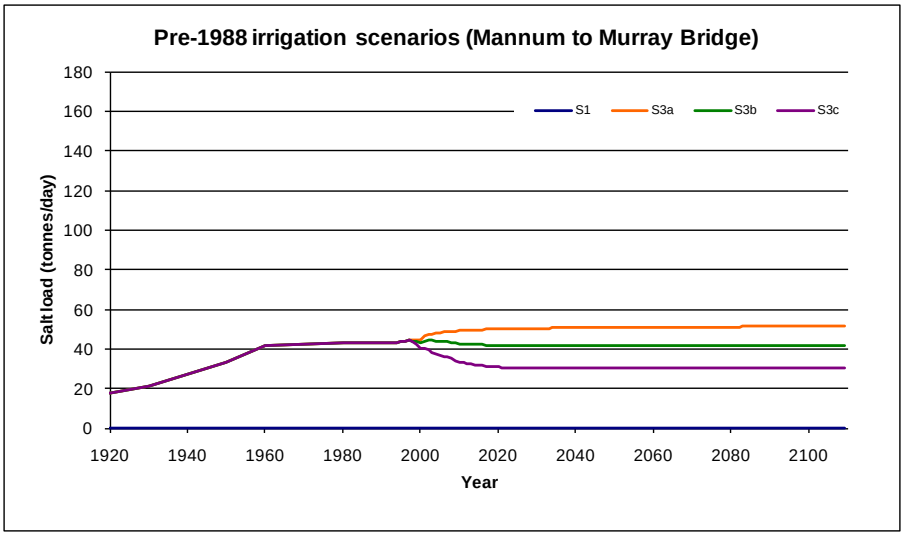
Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2025	0.2	22.2	50.2	41.9	30.5	31.2	31.2
2026	0.2	22.2	50.2	41.9	30.5	31.7	31.7
2027	0.2	22.2	50.3	41.9	30.5	32.0	32.0
2028	0.2	22.2	50.3	41.9	30.5	32.3	32.3
2029	0.2	22.2	50.3	41.9	30.5	32.6	32.6
2030	0.2	22.4	50.4	41.9	30.4	33.1	33.1
2031	0.2	22.5	50.4	41.9	30.4	33.4	33.4
2032	0.2	22.5	50.4	41.9	30.4	33.9	33.9
2033	0.2	22.6	50.5	41.9	30.4	34.2	34.2
2034	0.2	22.6	50.5	41.9	30.4	34.5	34.5
2035	0.2	22.6	50.5	41.9	30.4	35.6	35.6
2036	0.2	22.7	50.5	41.9	30.4	36.3	36.3
2037	0.2	22.7	50.6	41.9	30.4	36.8	36.8
2038	0.2	22.7	50.6	41.9	30.4	37.2	37.2
2039	0.2	22.7	50.6	41.9	30.4	37.5	37.5
2040	0.2	22.9	50.6	41.9	30.4	37.8	37.8
2041	0.2	22.9	50.7	41.9	30.4	38.0	38.0
2042	0.2	23.0	50.7	41.9	30.4	38.2	38.2
2043	0.2	23.0	50.7	41.9	30.4	38.4	38.4
2044	0.2	23.1	50.7	41.9	30.4	38.6	38.6
2045	0.2	23.1	50.7	41.9	30.4	38.7	38.7
2046	0.2	23.1	50.8	41.9	30.4	38.8	38.8
2047	0.2	23.2	50.8	41.9	30.4	39.0	39.0
2048	0.2	23.2	50.8	41.9	30.3	39.1	39.1
2049	0.2	23.2	50.8	41.9	30.3	39.2	39.2
2050	0.2	23.4	50.8	41.9	30.3	39.3	39.3
2051	0.2	23.4	50.8	41.9	30.3	39.3	39.3
2052	0.2	23.5	50.9	41.9	30.3	39.4	39.4
2053	0.2	23.5	50.9	41.9	30.3	39.5	39.5
2054	0.2	23.6	50.9	41.9	30.3	39.6	39.6
2055	0.2	23.6	50.9	41.9	30.3	39.6	39.7
2056	0.2	23.6	50.9	41.9	30.3	39.7	39.8
2057	0.2	23.7	50.9	41.9	30.3	39.8	39.9
2058	0.2	23.7	50.9	41.9	30.3	39.8	40.0
2059	0.2	23.7	51.0	41.9	30.3	39.9	40.0
2060	0.2	23.9	51.0	41.9	30.3	39.9	40.1
2061	0.2	23.9	51.0	41.9	30.3	40.0	40.2
2062	0.2	24.0	51.0	41.9	30.3	40.0	40.2
2063	0.2	24.1	51.0	41.9	30.3	40.1	40.3
2064	0.2	24.1	51.0	41.9	30.3	40.1	40.3
2065	0.2	24.1	51.0	41.9	30.3	40.2	40.3
2066	0.2	24.2	51.0	41.9	30.3	40.2	40.4

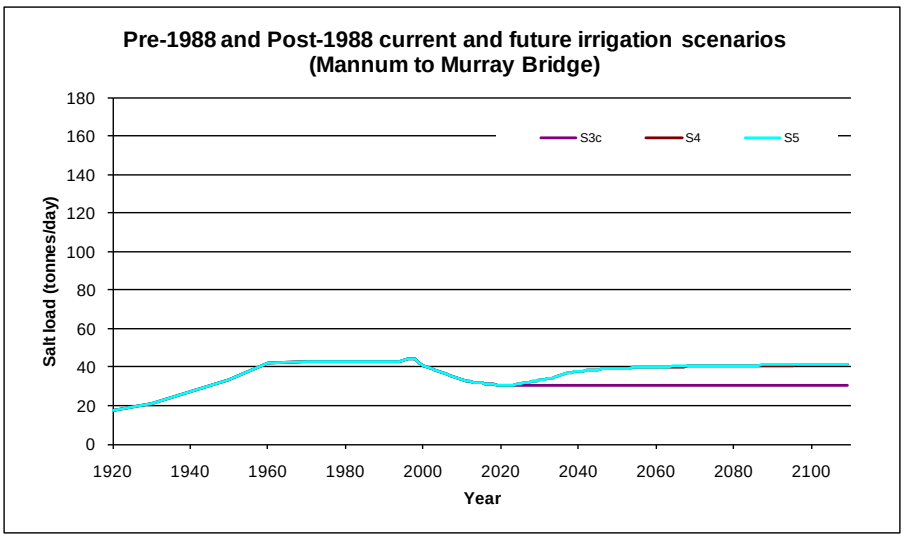
B-1-d. Modelled salt load (tonnes/day) entering the River Murray in the Mannum to Murray Bridge Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2067	0.2	24.2	51.0	41.9	30.3	40.3	40.4
2068	0.2	24.2	51.1	41.9	30.3	40.3	40.5
2069	0.2	24.3	51.1	41.9	30.3	40.3	40.5
2070	0.2	24.4	51.1	41.9	30.3	40.4	40.5
2071	0.2	24.5	51.1	41.9	30.3	40.4	40.6
2072	0.2	24.6	51.1	41.9	30.3	40.4	40.6
2073	0.2	24.6	51.1	41.9	30.3	40.5	40.6
2074	0.2	24.7	51.1	41.9	30.3	40.5	40.7
2075	0.2	24.7	51.1	41.9	30.3	40.5	40.7
2076	0.2	24.8	51.1	41.9	30.3	40.6	40.7
2077	0.2	24.8	51.1	41.9	30.3	40.6	40.8
2078	0.2	24.9	51.1	41.9	30.3	40.6	40.8
2079	0.2	24.9	51.2	41.9	30.3	40.7	40.8
2080	0.2	25.0	51.2	41.9	30.3	40.7	40.9
2081	0.2	25.1	51.2	41.9	30.3	40.7	40.9
2082	0.2	25.2	51.2	41.9	30.3	40.7	40.9
2083	0.2	25.3	51.2	41.9	30.3	40.8	40.9
2084	0.2	25.4	51.2	41.9	30.3	40.8	41.0
2085	0.2	25.4	51.2	41.9	30.3	40.8	41.0
2086	0.2	25.5	51.2	41.9	30.3	40.8	41.0
2087	0.2	25.5	51.2	41.9	30.3	40.8	41.0
2088	0.2	25.6	51.2	41.9	30.3	40.9	41.0
2089	0.2	25.6	51.2	41.9	30.3	40.9	41.1
2090	0.2	25.8	51.2	41.9	30.3	40.9	41.1
2091	0.2	25.9	51.2	41.9	30.3	40.9	41.1
2092	0.2	26.0	51.2	41.9	30.3	40.9	41.1
2093	0.2	26.1	51.2	41.9	30.3	41.0	41.1
2094	0.2	26.2	51.2	41.9	30.3	41.0	41.1
2095	0.2	26.2	51.2	41.9	30.3	41.0	41.2
2096	0.2	26.3	51.2	41.9	30.3	41.0	41.2
2097	0.2	26.4	51.3	41.9	30.3	41.0	41.2
2098	0.2	26.5	51.3	41.9	30.3	41.0	41.2
2099	0.2	26.5	51.3	41.9	30.3	41.1	41.2
2100	0.2	26.7	51.3	41.9	30.3	41.1	41.2
2101	0.2	26.8	51.3	41.9	30.3	41.1	41.2
2102	0.2	26.9	51.3	41.9	30.2	41.1	41.3
2103	0.2	27.0	51.3	41.9	30.2	41.1	41.3
2104	0.2	27.1	51.3	41.9	30.2	41.1	41.3
2105	0.2	27.2	51.3	41.9	30.2	41.1	41.3
2106	0.2	27.3	51.3	41.9	30.2	41.1	41.3
2107	0.2	27.4	51.3	41.9	30.2	41.2	41.3
2108	0.2	27.5	51.3	41.9	30.2	41.2	41.3
2109	0.2	27.5	51.3	41.9	30.2	41.2	41.3

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	19.3	19.2	19.2	19.2	19.2	19.2
1930	2.7	19.3	16.5	16.5	16.5	16.5	16.5
1950	2.7	21.9	16.9	16.9	16.9	16.9	16.9
1960	2.7	23.1	31.6	31.6	31.6	31.6	31.6
1970	2.7	24.1	32.7	32.7	32.7	32.7	32.7
1980	2.7	25.1	33.1	33.1	33.1	33.1	33.1
1988	2.7	25.1	33.1	33.1	33.1	33.1	33.1
1989	2.7	25.2	33.1	33.1	33.1	33.1	33.1
1990	2.7	25.5	33.1	33.1	33.1	33.1	33.1
1991	2.7	25.8	33.1	33.1	33.1	33.1	33.1
1992	2.7	25.9	33.2	33.2	33.2	33.2	33.2
1993	2.7	26.0	33.2	33.2	33.2	33.2	33.2
1994	2.7	26.1	33.2	33.2	33.2	33.2	33.2
1995	2.7	26.2	33.2	33.2	33.2	33.2	33.2
1996	2.7	26.3	33.2	33.2	33.2	33.2	33.2
1997	2.7	26.4	33.3	33.3	33.3	33.3	33.3
1998	2.7	26.4	33.3	32.7	32.7	32.7	32.7
1999	2.7	26.5	33.3	31.5	31.4	31.4	31.4
2000	2.7	26.9	33.3	30.5	30.5	30.5	30.5
2001	2.7	27.1	37.6	34.0	34.0	34.0	34.0
2002	2.7	27.3	39.4	35.0	35.0	35.0	35.0
2003	2.7	27.5	40.6	35.2	35.2	35.2	35.2
2004	2.7	27.6	41.5	35.1	35.1	35.1	35.1
2005	2.7	27.7	42.1	34.7	34.7	34.7	34.7
2006	2.7	27.8	42.6	34.2	34.2	34.2	34.2
2007	2.7	27.9	43.0	33.6	33.6	33.6	33.6
2008	2.7	28.0	43.4	32.6	32.6	32.6	32.6
2009	2.7	28.1	43.6	32.0	32.0	32.0	32.0
2010	2.7	28.5	43.9	31.7	31.6	31.6	31.6
2011	2.7	28.7	44.1	31.5	31.4	31.4	31.4
2012	2.7	28.9	44.3	31.3	31.3	31.3	31.3
2013	2.7	29.1	44.5	31.2	31.2	31.2	31.2
2014	2.7	29.3	44.7	31.1	31.1	31.1	31.1
2015	2.7	29.4	44.8	31.1	31.0	31.0	31.0
2016	2.7	29.5	44.9	31.0	31.0	31.0	31.0
2017	2.7	29.6	45.1	31.0	31.0	31.0	31.0
2018	2.7	29.7	45.2	31.0	30.9	30.9	30.9
2019	2.7	29.8	45.3	30.9	30.9	30.9	30.9
2020	2.7	30.2	45.4	30.9	30.9	30.9	30.9
2021	2.7	30.4	45.5	30.9	30.9	30.9	30.9
2022	2.7	30.7	45.5	30.9	30.9	30.9	30.9
2023	2.7	30.8	45.6	30.9	30.9	30.9	30.9
2024	2.7	31.0	45.7	30.9	30.9	32.4	32.4

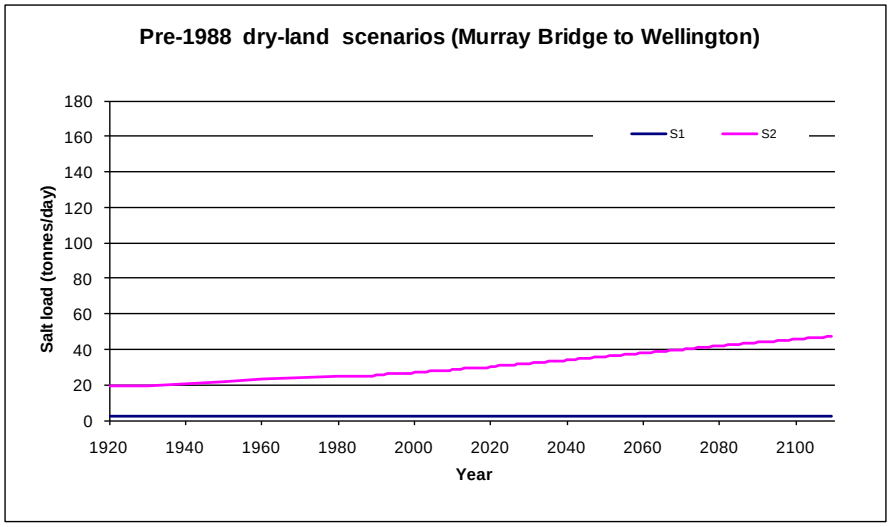
B-1-e. Modelled salt load (tonnes/day) entering the River Murray in the Murray Bridge to Wellington Area (all scenarios)

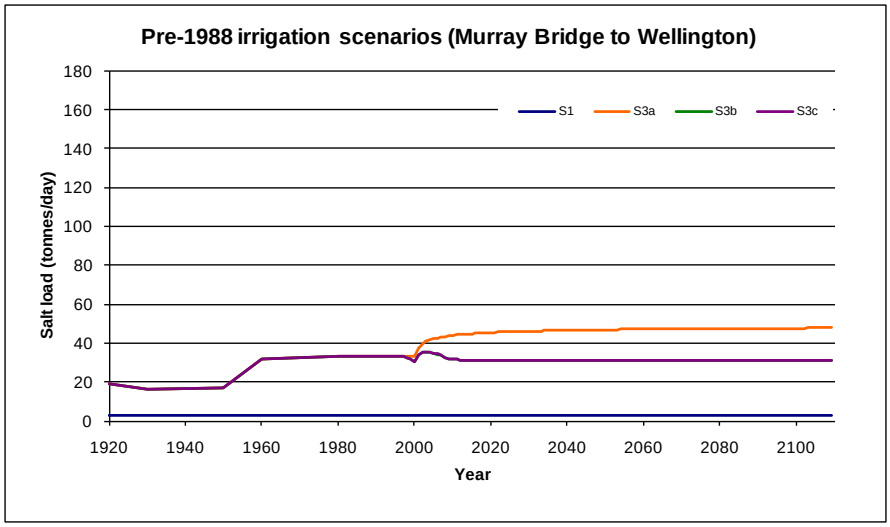
Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2025	2.7	31.2	45.8	30.9	30.8	32.9	32.9
2026	2.7	31.3	45.8	30.8	30.8	33.9	33.9
2027	2.7	31.5	45.9	30.8	30.8	34.4	34.4
2028	2.7	31.6	46.0	30.8	30.8	35.1	35.1
2029	2.7	31.7	46.0	30.8	30.8	35.5	35.5
2030	2.7	32.0	46.1	30.8	30.8	36.1	36.1
2031	2.7	32.2	46.1	30.8	30.8	36.5	36.5
2032	2.7	32.5	46.2	30.8	30.8	37.2	37.2
2033	2.7	32.7	46.2	30.8	30.8	37.5	37.5
2034	2.7	32.9	46.3	30.8	30.8	37.8	37.8
2035	2.7	33.0	46.3	30.8	30.8	39.4	39.4
2036	2.7	33.2	46.4	30.8	30.8	40.2	40.2
2037	2.7	33.4	46.4	30.8	30.8	40.8	40.8
2038	2.7	33.5	46.4	30.8	30.8	41.2	41.2
2039	2.7	33.6	46.5	30.8	30.8	41.5	41.5
2040	2.7	33.9	46.5	30.8	30.8	41.8	41.8
2041	2.7	34.2	46.6	30.8	30.8	42.1	42.1
2042	2.7	34.4	46.6	30.8	30.8	42.3	42.3
2043	2.7	34.6	46.6	30.8	30.8	42.5	42.5
2044	2.7	34.8	46.7	30.8	30.8	42.6	42.6
2045	2.7	35.0	46.7	30.8	30.8	42.8	42.8
2046	2.7	35.2	46.7	30.8	30.8	42.9	42.9
2047	2.7	35.3	46.7	30.8	30.8	43.1	43.1
2048	2.7	35.5	46.8	30.8	30.8	43.2	43.2
2049	2.7	35.7	46.8	30.8	30.8	43.3	43.3
2050	2.7	35.9	46.8	30.8	30.8	43.4	43.4
2051	2.7	36.1	46.9	30.8	30.8	43.5	43.5
2052	2.7	36.4	46.9	30.8	30.8	43.6	43.6
2053	2.7	36.6	46.9	30.8	30.8	43.7	43.7
2054	2.7	36.8	46.9	30.8	30.8	43.8	43.8
2055	2.7	37.0	47.0	30.8	30.8	43.9	44.0
2056	2.7	37.2	47.0	30.8	30.8	43.9	44.2
2057	2.7	37.3	47.0	30.8	30.8	44.0	44.3
2058	2.7	37.5	47.0	30.8	30.8	44.1	44.4
2059	2.7	37.7	47.1	30.8	30.8	44.1	44.5
2060	2.7	37.9	47.1	30.8	30.8	44.2	44.5
2061	2.7	38.1	47.1	30.8	30.8	44.3	44.6
2062	2.7	38.4	47.1	30.8	30.8	44.3	44.7
2063	2.7	38.6	47.1	30.8	30.8	44.4	44.8
2064	2.7	38.8	47.2	30.8	30.8	44.4	44.8
2065	2.7	39.0	47.2	30.8	30.8	44.5	44.9
2066	2.7	39.2	47.2	30.8	30.8	44.5	44.9

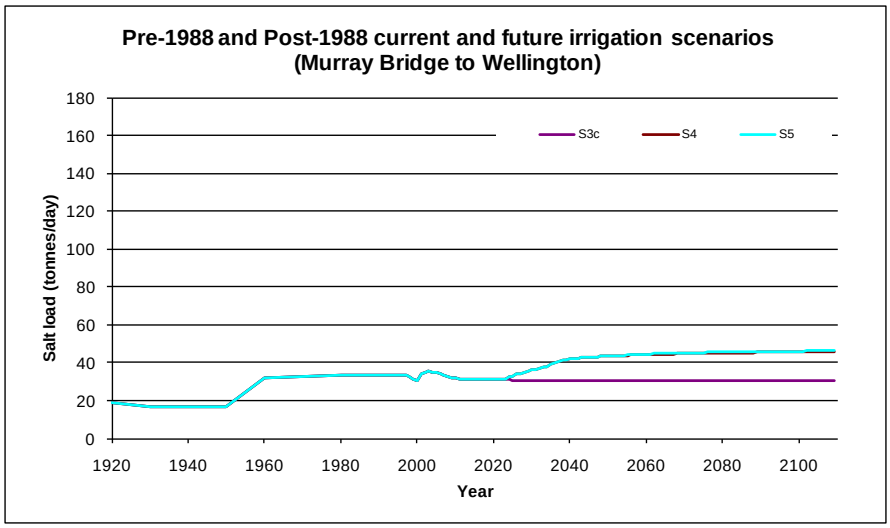
B-1-e. Modelled salt load (tonnes/day) entering the River Murray in the Murray Bridge to Wellington Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2067	2.7	39.4	47.2	30.8	30.8	44.6	45.0
2068	2.7	39.6	47.2	30.8	30.8	44.6	45.0
2069	2.7	39.7	47.3	30.8	30.8	44.7	45.1
2070	2.7	39.9	47.3	30.8	30.8	44.7	45.1
2071	2.7	40.2	47.3	30.8	30.8	44.8	45.2
2072	2.7	40.4	47.3	30.8	30.8	44.8	45.2
2073	2.7	40.6	47.3	30.8	30.8	44.9	45.3
2074	2.7	40.8	47.3	30.8	30.8	44.9	45.3
2075	2.7	41.0	47.4	30.8	30.8	44.9	45.4
2076	2.7	41.2	47.4	30.8	30.8	45.0	45.4
2077	2.7	41.4	47.4	30.8	30.8	45.0	45.4
2078	2.7	41.5	47.4	30.8	30.8	45.0	45.5
2079	2.7	41.7	47.4	30.8	30.8	45.1	45.5
2080	2.7	41.9	47.4	30.8	30.8	45.1	45.6
2081	2.7	42.1	47.4	30.8	30.8	45.1	45.6
2082	2.7	42.3	47.5	30.8	30.8	45.2	45.6
2083	2.7	42.5	47.5	30.8	30.8	45.2	45.7
2084	2.7	42.7	47.5	30.8	30.8	45.2	45.7
2085	2.7	42.9	47.5	30.8	30.8	45.3	45.7
2086	2.7	43.1	47.5	30.8	30.8	45.3	45.7
2087	2.7	43.3	47.5	30.8	30.8	45.3	45.8
2088	2.7	43.5	47.5	30.8	30.8	45.3	45.8
2089	2.7	43.6	47.5	30.8	30.8	45.4	45.8
2090	2.7	43.8	47.5	30.8	30.8	45.4	45.9
2091	2.7	44.0	47.6	30.8	30.8	45.4	45.9
2092	2.7	44.2	47.6	30.8	30.8	45.4	45.9
2093	2.7	44.4	47.6	30.8	30.8	45.5	45.9
2094	2.7	44.6	47.6	30.8	30.8	45.5	45.9
2095	2.7	44.8	47.6	30.8	30.8	45.5	46.0
2096	2.7	45.0	47.6	30.8	30.8	45.5	46.0
2097	2.7	45.1	47.6	30.8	30.8	45.6	46.0
2098	2.7	45.3	47.6	30.8	30.8	45.6	46.0
2099	2.7	45.5	47.6	30.8	30.8	45.6	46.0
2100	2.7	45.7	47.6	30.8	30.8	45.6	46.1
2101	2.7	45.9	47.6	30.8	30.8	45.6	46.1
2102	2.7	46.1	47.6	30.8	30.8	45.7	46.1
2103	2.7	46.2	47.7	30.8	30.8	45.7	46.1
2104	2.7	46.4	47.7	30.8	30.8	45.7	46.1
2105	2.7	46.6	47.7	30.8	30.8	45.7	46.2
2106	2.7	46.8	47.7	30.8	30.8	45.7	46.2
2107	2.7	46.9	47.7	30.8	30.8	45.7	46.2
2108	2.7	47.1	47.7	30.8	30.8	45.8	46.2
2109	2.7	47.1	47.7	30.8	30.8	45.8	46.2

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	391	391	391	391	391	391	391
1930	391	391	391	391	391	391	391
1950	391	391	391	391	391	391	391
1960	391	393	391	391	391	391	391
1970	391	395	391	391	391	391	391
1980	391	404	391	391	391	391	391
1988	391	405	391	391	391	391	391
1989	391	405	391	391	391	391	391
1990	391	414	391	391	391	391	391
1991	391	418	391	391	391	391	391
1992	391	420	391	391	391	391	391
1993	391	423	391	391	391	391	391
1994	391	424	391	391	391	391	391
1995	391	426	391	391	391	391	391
1996	391	428	391	391	391	391	391
1997	391	429	391	391	391	391	391
1998	391	430	391	391	391	391	391
1999	391	432	391	391	391	391	391
2000	391	451	391	391	391	391	391
2001	391	460	811	810	811	811	811
2002	391	467	1008	983	983	983	983
2003	391	472	1138	1075	1075	1075	1075
2004	391	478	1236	1127	1128	1128	1128
2005	391	482	1315	1156	1157	1157	1157
2006	391	487	1384	1170	1170	1170	1170
2007	391	491	1445	1171	1171	1171	1171
2008	391	495	1498	1138	1138	1138	1138
2009	391	498	1547	1134	1134	1134	1134
2010	391	530	1589	1139	1139	1139	1139
2011	391	548	1628	1145	1147	1147	1147
2012	391	562	1664	1151	1154	1154	1154
2013	391	574	1696	1158	1161	1161	1161
2014	391	586	1725	1164	1169	1169	1169
2015	391	596	1752	1171	1175	1175	1175
2016	391	606	1775	1177	1181	1181	1181
2017	391	615	1796	1182	1187	1187	1187
2018	391	624	1816	1187	1193	1193	1193
2019	391	633	1835	1193	1198	1198	1198
2020	391	674	1850	1197	1202	1202	1202
2021	391	703	1865	1201	1205	1205	1205
2022	391	726	1878	1204	1208	1208	1208
2023	391	747	1890	1207	1211	1211	1211
2024	391	766	1902	1210	1213	1323	1323

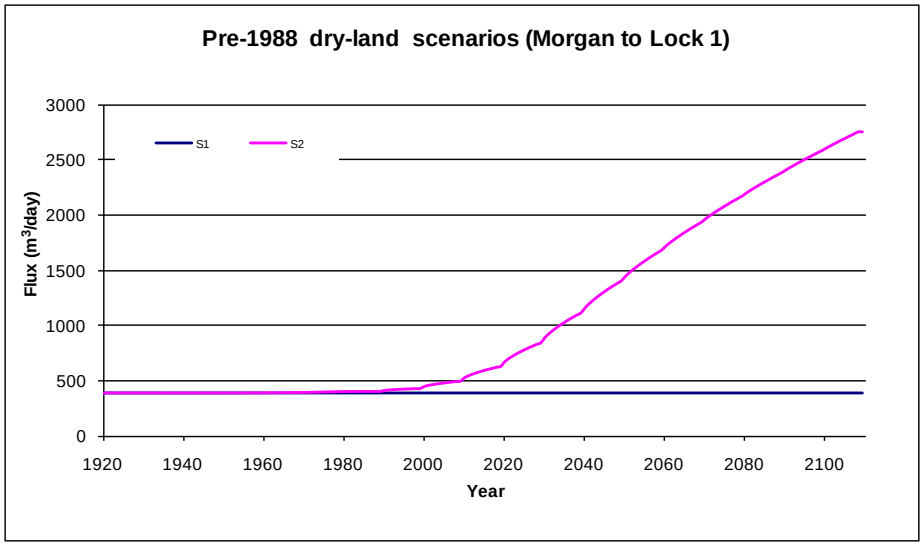
B-1-f. Modelled flux ($m^{3/}$day) entering the River Murray in the Morgan to Lock 1 Area (all scenarios)

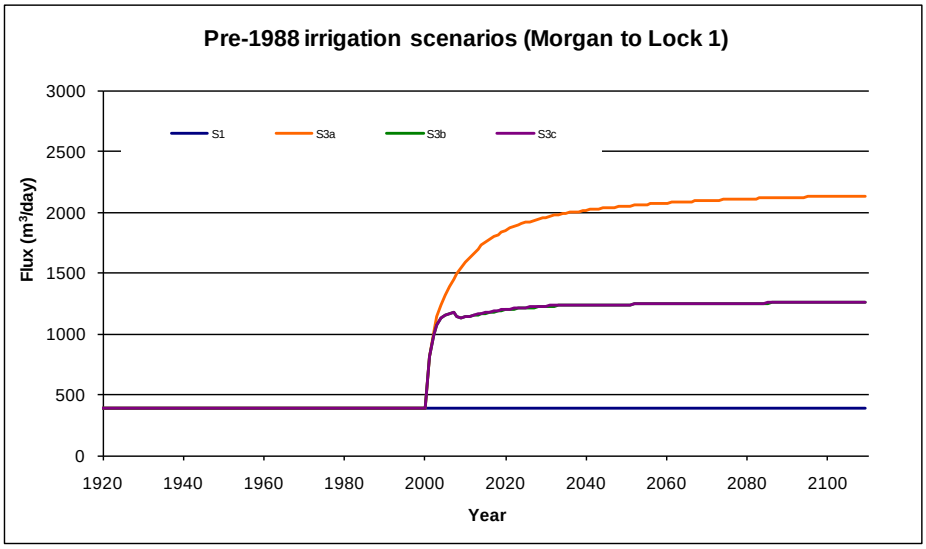
Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2025	391	784	1912	1212	1216	1368	1368
2026	391	801	1922	1214	1219	1447	1447
2027	391	817	1932	1217	1221	1497	1497
2028	391	832	1940	1219	1224	1578	1578
2029	391	847	1948	1221	1226	1625	1625
2030	391	893	1957	1224	1228	1707	1707
2031	391	928	1964	1226	1230	1749	1749
2032	391	958	1971	1228	1231	1808	1808
2033	391	986	1978	1230	1233	1843	1843
2034	391	1011	1984	1231	1234	1870	1870
2035	391	1034	1990	1233	1234	1927	1927
2036	391	1057	1994	1235	1235	1969	1969
2037	391	1078	1999	1235	1235	2008	2008
2038	391	1098	2005	1236	1236	2044	2044
2039	391	1118	2009	1236	1236	2077	2077
2040	391	1163	2014	1236	1237	2107	2107
2041	391	1199	2018	1237	1237	2134	2134
2042	391	1231	2022	1237	1237	2158	2158
2043	391	1261	2026	1238	1238	2179	2179
2044	391	1288	2030	1238	1238	2199	2199
2045	391	1314	2033	1238	1239	2217	2217
2046	391	1339	2037	1239	1239	2233	2233
2047	391	1362	2040	1239	1239	2248	2248
2048	391	1385	2043	1240	1240	2262	2262
2049	391	1406	2046	1240	1240	2275	2275
2050	391	1447	2050	1240	1241	2286	2286
2051	391	1481	2053	1241	1241	2297	2297
2052	391	1511	2055	1241	1241	2307	2307
2053	391	1539	2058	1242	1242	2316	2316
2054	391	1566	2061	1242	1242	2325	2325
2055	391	1591	2064	1242	1242	2333	2333
2056	391	1615	2066	1243	1243	2341	2341
2057	391	1639	2068	1243	1243	2349	2349
2058	391	1662	2071	1243	1244	2355	2355
2059	391	1684	2073	1244	1244	2362	2362
2060	391	1718	2075	1244	1244	2368	2368
2061	391	1748	2078	1245	1245	2374	2374
2062	391	1776	2080	1245	1245	2380	2379
2063	391	1802	2082	1245	1245	2385	2385
2064	391	1827	2084	1246	1246	2390	2390
2065	391	1851	2086	1246	1246	2395	2395
2066	391	1874	2087	1246	1246	2400	2399

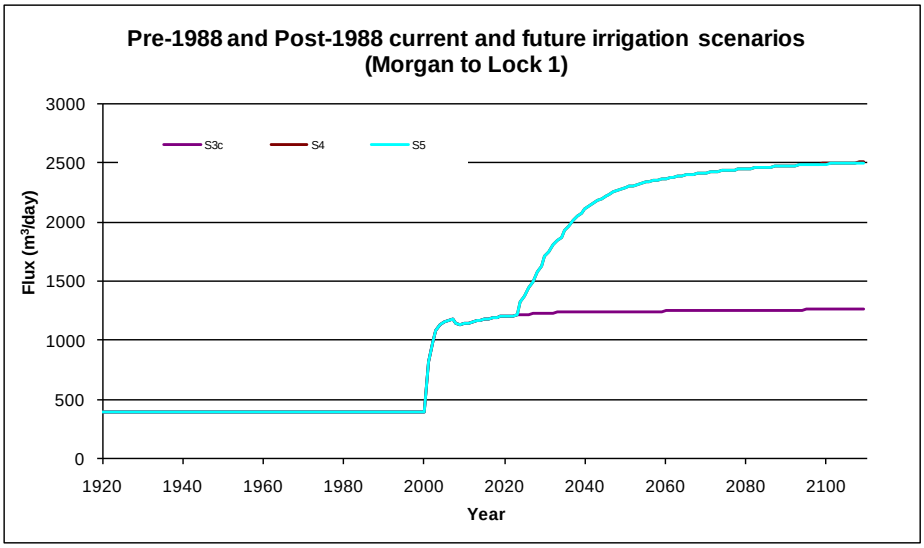
B-1-f. Modelled flux ($m^{3/}$day) entering the River Murray in the Morgan to Lock 1 Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2067	391	1896	2089	1247	1247	2404	2404
2068	391	1918	2091	1247	1247	2409	2408
2069	391	1939	2093	1247	1248	2413	2412
2070	391	1969	2094	1248	1248	2417	2416
2071	391	1996	2096	1248	1248	2420	2420
2072	391	2020	2097	1249	1249	2424	2423
2073	391	2044	2099	1249	1249	2428	2427
2074	391	2067	2101	1249	1249	2431	2430
2075	391	2089	2102	1250	1250	2434	2434
2076	391	2111	2104	1250	1250	2437	2437
2077	391	2132	2105	1250	1250	2441	2440
2078	391	2153	2107	1251	1251	2444	2443
2079	391	2173	2108	1251	1251	2446	2446
2080	391	2199	2109	1251	1251	2449	2449
2081	391	2223	2110	1252	1252	2452	2452
2082	391	2245	2111	1252	1252	2455	2455
2083	391	2267	2113	1252	1252	2457	2457
2084	391	2289	2114	1253	1253	2460	2460
2085	391	2309	2115	1253	1253	2462	2462
2086	391	2330	2116	1253	1253	2465	2464
2087	391	2349	2117	1254	1254	2467	2467
2088	391	2369	2118	1254	1254	2469	2469
2089	391	2388	2119	1254	1254	2471	2471
2090	391	2411	2120	1255	1255	2473	2473
2091	391	2433	2120	1255	1255	2475	2475
2092	391	2454	2121	1255	1255	2477	2477
2093	391	2474	2122	1255	1256	2479	2478
2094	391	2494	2123	1256	1256	2481	2480
2095	391	2513	2124	1256	1256	2483	2482
2096	391	2532	2125	1256	1256	2485	2483
2097	391	2551	2125	1257	1257	2487	2485
2098	391	2569	2126	1257	1257	2489	2486
2099	391	2588	2127	1257	1257	2490	2488
2100	391	2608	2127	1258	1258	2492	2490
2101	391	2628	2128	1258	1258	2493	2491
2102	391	2648	2129	1258	1258	2495	2493
2103	391	2667	2130	1259	1259	2496	2494
2104	391	2685	2130	1259	1259	2498	2496
2105	391	2703	2131	1259	1259	2499	2498
2106	391	2721	2132	1259	1259	2501	2499
2107	391	2739	2132	1260	1260	2502	2500
2108	391	2756	2133	1260	1260	2503	2502
2109	391	2756	2133	1260	1260	2503	2502

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	2189	2189	2182	2182	2182	2182	2182
1930	2189	2189	2182	2182	2182	2182	2182
1950	2189	2226	2182	2182	2182	2182	2182
1960	2189	2232	2182	2182	2182	2182	2182
1970	2189	2240	3235	3235	3235	3235	3235
1980	2189	2255	3558	3558	3558	3558	3558
1988	2189	2255	3582	3582	3582	3582	3582
1989	2189	2255	3594	3594	3594	3594	3594
1990	2189	2265	3607	3607	3607	3607	3607
1991	2189	2269	3618	3618	3618	3618	3618
1992	2189	2271	3631	3631	3631	3631	3631
1993	2189	2272	3641	3641	3641	3641	3641
1994	2189	2273	3651	3651	3651	3651	3651
1995	2189	2274	3674	3674	3674	3674	3674
1996	2189	2274	3696	3696	3696	3696	3696
1997	2189	2275	3716	3716	3716	3716	3716
1998	2189	2275	3735	3709	3709	3709	3709
1999	2189	2276	3751	3670	3670	3670	3670
2000	2189	2284	3767	3628	3627	3627	3627
2001	2189	2288	4099	3901	3900	3900	3900
2002	2189	2290	4229	3958	3957	3957	3957
2003	2189	2291	4311	3961	3961	3961	3961
2004	2189	2292	4371	3941	3940	3940	3940
2005	2189	2293	4418	3906	3906	3906	3906
2006	2189	2294	4458	3862	3862	3862	3862
2007	2189	2295	4493	3811	3811	3811	3811
2008	2189	2295	4523	3732	3732	3732	3732
2009	2189	2296	4550	3683	3682	3682	3682
2010	2189	2304	4574	3647	3645	3645	3645
2011	2189	2307	4597	3622	3615	3615	3615
2012	2189	2309	4617	3601	3592	3592	3592
2013	2189	2311	4636	3581	3573	3573	3573
2014	2189	2312	4654	3566	3554	3554	3554
2015	2189	2314	4670	3550	3541	3541	3541
2016	2189	2315	4686	3537	3527	3527	3527
2017	2189	2316	4700	3525	3516	3516	3516
2018	2189	2317	4713	3515	3505	3505	3505
2019	2189	2318	4727	3505	3496	3496	3496
2020	2189	2328	4737	3498	3489	3489	3489
2021	2189	2332	4749	3490	3484	3484	3484
2022	2189	2335	4759	3484	3479	3479	3479
2023	2189	2337	4769	3479	3474	3474	3474
2024	2189	2339	4778	3475	3470	3552	3552

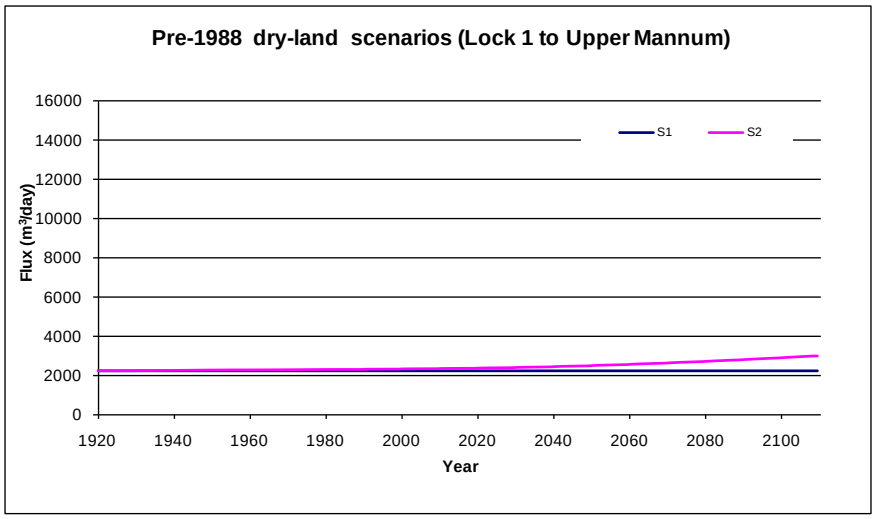
B-1-g. Modelled flux ($m^{3/}$day) entering the River Murray in the Lock 1 to Upper Mannum Area (all scenarios)

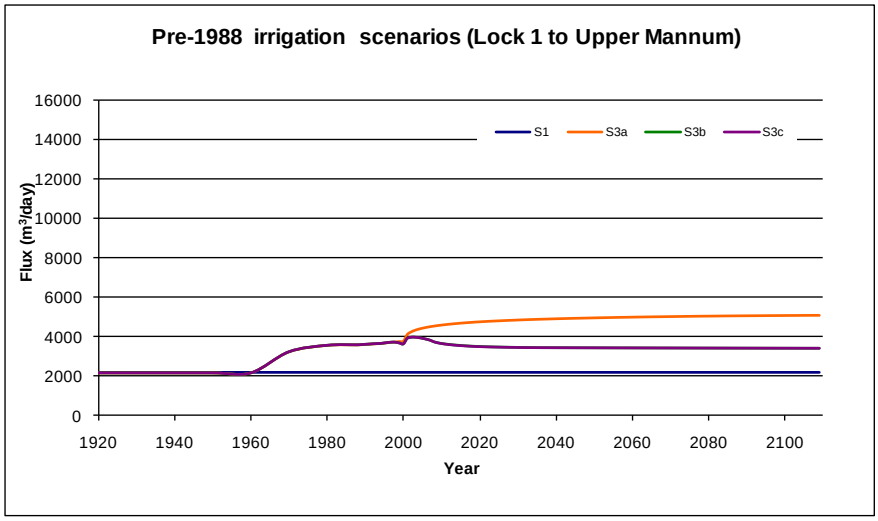
Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2025	2189	2341	4787	3471	3465	3574	3574
2026	2189	2343	4796	3468	3461	3617	3617
2027	2189	2345	4804	3465	3458	3648	3648
2028	2189	2346	4812	3461	3454	3678	3678
2029	2189	2348	4820	3458	3451	3703	3703
2030	2189	2360	4828	3454	3449	3771	3771
2031	2189	2366	4835	3451	3446	3815	3815
2032	2189	2370	4842	3448	3444	3926	3926
2033	2189	2374	4849	3446	3441	3991	3991
2034	2189	2377	4856	3443	3440	4036	4036
2035	2189	2380	4862	3441	3440	4164	4164
2036	2189	2382	4867	3439	3439	4267	4267
2037	2189	2385	4872	3438	3438	4352	4352
2038	2189	2387	4879	3438	3438	4424	4424
2039	2189	2389	4884	3437	3437	4488	4488
2040	2189	2404	4890	3437	3437	4545	4545
2041	2189	2411	4894	3436	3436	4598	4598
2042	2189	2417	4899	3436	3436	4646	4646
2043	2189	2422	4905	3435	3435	4692	4692
2044	2189	2426	4909	3435	3435	4734	4734
2045	2189	2430	4914	3434	3434	4774	4774
2046	2189	2434	4918	3434	3434	4812	4812
2047	2189	2437	4922	3433	3433	4848	4848
2048	2189	2440	4926	3433	3433	4882	4882
2049	2189	2444	4931	3432	3432	4915	4915
2050	2189	2459	4935	3432	3432	4946	4946
2051	2189	2468	4939	3431	3431	4977	4977
2052	2189	2475	4943	3431	3431	5006	5006
2053	2189	2481	4946	3430	3430	5034	5034
2054	2189	2486	4950	3430	3430	5061	5061
2055	2189	2491	4954	3430	3430	5088	5088
2056	2189	2496	4957	3429	3429	5113	5113
2057	2189	2501	4961	3429	3429	5138	5138
2058	2189	2505	4964	3428	3428	5161	5161
2059	2189	2510	4968	3428	3428	5184	5184
2060	2189	2525	4971	3427	3427	5207	5207
2061	2189	2535	4974	3427	3427	5229	5229
2062	2189	2543	4978	3426	3426	5250	5250
2063	2189	2550	4980	3426	3426	5271	5270
2064	2189	2556	4984	3426	3426	5292	5290
2065	2189	2562	4986	3425	3425	5312	5310
2066	2189	2568	4989	3425	3425	5331	5329

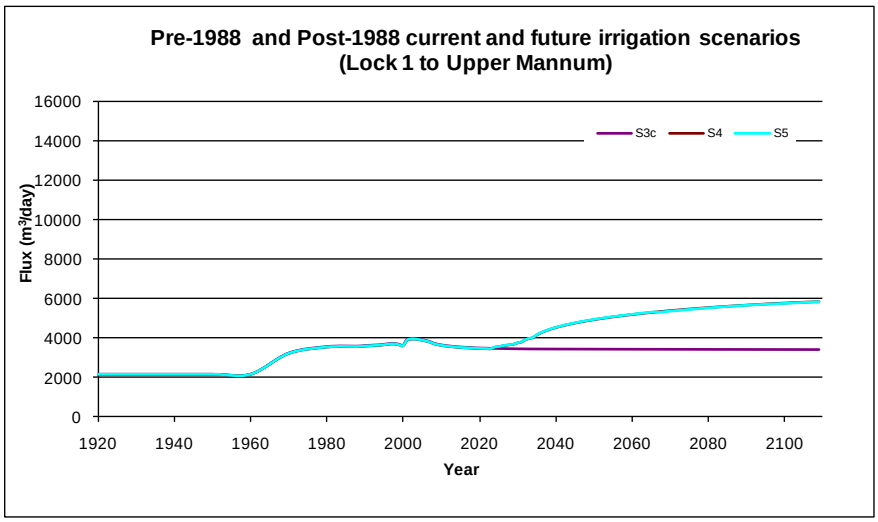
B-1-g. Modelled flux ($m^{3/}$day) entering the River Murray in the Lock 1 to Upper Mannum Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2067	2189	2574	4991	3424	3424	5350	5310
2068	2189	2580	4994	3424	3424	5369	5329
2069	2189	2585	4997	3424	3424	5387	5349
2070	2189	2600	4999	3423	3423	5405	5367
2071	2189	2610	5002	3423	3423	5421	5385
2072	2189	2618	5004	3422	3422	5438	5402
2073	2189	2626	5007	3422	3422	5455	5419
2074	2189	2634	5010	3422	3422	5471	5435
2075	2189	2641	5012	3421	3421	5486	5451
2076	2189	2648	5014	3421	3421	5501	5467
2077	2189	2655	5017	3421	3420	5516	5483
2078	2189	2661	5019	3420	3420	5531	5499
2079	2189	2668	5021	3420	3420	5545	5514
2080	2189	2682	5023	3419	3419	5559	5530
2081	2189	2692	5025	3419	3419	5573	5544
2082	2189	2702	5026	3419	3419	5587	5559
2083	2189	2711	5029	3418	3418	5600	5574
2084	2189	2719	5031	3418	3418	5613	5587
2085	2189	2728	5033	3418	3418	5626	5600
2086	2189	2736	5034	3417	3417	5638	5613
2087	2189	2744	5036	3417	3417	5650	5626
2088	2189	2751	5037	3417	3417	5662	5637
2089	2189	2759	5038	3416	3416	5674	5649
2090	2189	2773	5040	3416	3416	5686	5661
2091	2189	2784	5041	3416	3416	5697	5674
2092	2189	2794	5043	3415	3415	5708	5685
2093	2189	2804	5044	3415	3415	5720	5694
2094	2189	2813	5045	3415	3415	5730	5704
2095	2189	2822	5047	3414	3414	5741	5714
2096	2189	2832	5048	3414	3414	5751	5723
2097	2189	2840	5049	3414	3414	5761	5731
2098	2189	2849	5051	3413	3413	5771	5740
2099	2189	2858	5052	3413	3413	5781	5749
2100	2189	2872	5053	3413	3413	5790	5758
2101	2189	2884	5054	3412	3412	5798	5767
2102	2189	2895	5055	3412	3412	5808	5776
2103	2189	2906	5056	3412	3412	5816	5786
2104	2189	2917	5058	3412	3412	5824	5795
2105	2189	2927	5059	3411	3411	5832	5804
2106	2189	2937	5060	3411	3411	5841	5813
2107	2189	2948	5061	3411	3411	5848	5823
2108	2189	2958	5062	3410	3410	5856	5831
2109	2189	2958	5062	3410	3410	5856	5840

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	764	764	757	757	757	757	757
1930	764	764	757	757	757	757	757
1950	764	829	757	757	757	757	757
1960	764	858	758	758	758	758	758
1970	764	885	758	758	758	758	758
1980	764	909	758	758	758	758	758
1988	764	910	758	758	758	758	758
1989	764	911	758	758	758	758	758
1990	764	922	758	758	758	758	758
1991	764	926	758	758	758	758	758
1992	764	929	758	758	758	758	758
1993	764	931	758	758	758	758	758
1994	764	933	758	758	758	758	758
1995	764	935	759	759	759	759	759
1996	764	936	759	759	759	759	759
1997	764	938	759	759	759	759	759
1998	764	939	759	759	759	759	759
1999	764	940	759	759	759	759	759
2000	764	950	759	759	759	759	759
2001	764	954	1300	1299	1299	1299	1299
2002	764	957	1551	1519	1519	1519	1519
2003	764	959	1693	1615	1615	1615	1615
2004	764	961	1784	1651	1652	1652	1652
2005	764	963	1847	1656	1656	1656	1656
2006	764	964	1893	1640	1641	1641	1641
2007	764	965	1929	1612	1612	1612	1612
2008	764	967	1958	1543	1544	1544	1544
2009	764	968	1982	1517	1517	1517	1517
2010	764	976	2002	1507	1506	1506	1506
2011	764	980	2020	1503	1502	1502	1502
2012	764	983	2035	1501	1501	1501	1501
2013	764	984	2049	1501	1501	1501	1501
2014	764	986	2062	1502	1503	1503	1503
2015	764	988	2073	1503	1504	1504	1504
2016	764	989	2084	1505	1506	1506	1506
2017	764	990	2093	1507	1509	1509	1509
2018	764	991	2102	1509	1511	1511	1511
2019	764	992	2111	1511	1513	1513	1513
2020	764	1000	2117	1513	1515	1515	1515
2021	764	1003	2125	1515	1517	1517	1517
2022	764	1005	2131	1517	1518	1518	1518
2023	764	1007	2137	1518	1520	1520	1520
2024	764	1008	2143	1520	1522	1626	1626

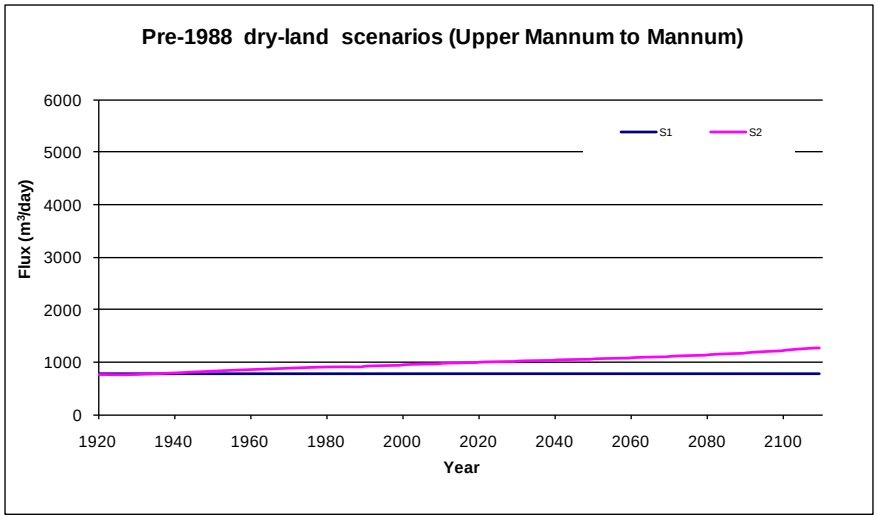
B-1-h. Modelled flux (m^3/day) entering the River Murray in the Upper Mannum to Mannum Area (all scenarios)

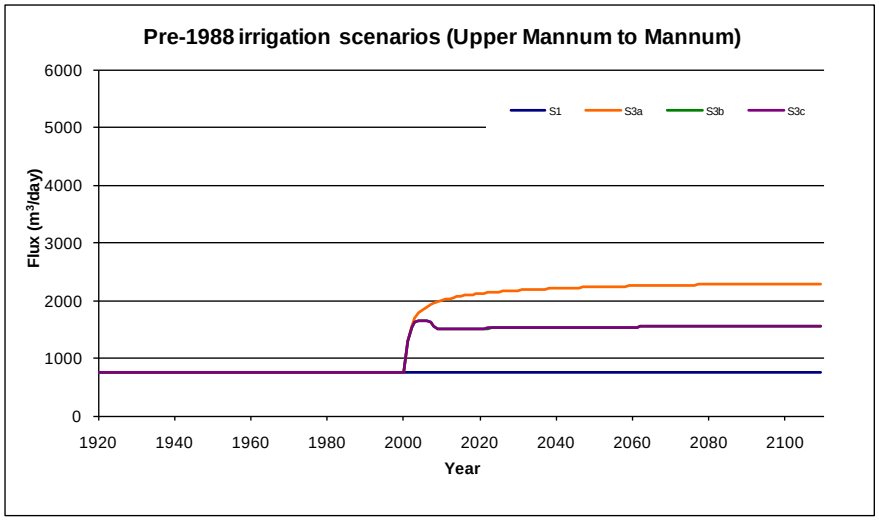
Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2025	764	1010	2149	1521	1523	1684	1684
2026	764	1011	2154	1522	1525	1757	1757
2027	764	1012	2159	1523	1526	1820	1820
2028	764	1013	2164	1525	1528	1885	1885
2029	764	1014	2168	1526	1529	1938	1938
2030	764	1021	2173	1528	1530	2013	2013
2031	764	1024	2177	1529	1531	2075	2075
2032	764	1026	2181	1530	1532	2184	2184
2033	764	1027	2185	1531	1534	2261	2261
2034	764	1029	2189	1532	1534	2325	2325
2035	764	1030	2193	1533	1534	2473	2473
2036	764	1031	2196	1535	1535	2573	2573
2037	764	1032	2199	1535	1535	2659	2659
2038	764	1033	2202	1535	1535	2735	2735
2039	764	1034	2205	1535	1535	2802	2802
2040	764	1041	2208	1536	1536	2862	2862
2041	764	1044	2211	1536	1536	2917	2917
2042	764	1047	2214	1536	1536	2968	2968
2043	764	1048	2216	1536	1536	3014	3014
2044	764	1050	2219	1537	1537	3058	3058
2045	764	1051	2221	1537	1537	3098	3098
2046	764	1052	2223	1537	1537	3135	3135
2047	764	1053	2225	1537	1537	3171	3171
2048	764	1054	2228	1538	1538	3205	3205
2049	764	1055	2230	1538	1538	3236	3236
2050	764	1063	2232	1538	1538	3266	3266
2051	764	1066	2234	1538	1538	3295	3295
2052	764	1068	2236	1539	1539	3322	3322
2053	764	1070	2238	1539	1539	3348	3348
2054	764	1072	2240	1539	1539	3373	3373
2055	764	1073	2242	1539	1539	3397	3397
2056	764	1074	2244	1540	1540	3420	3420
2057	764	1075	2245	1540	1540	3442	3442
2058	764	1076	2247	1540	1540	3463	3463
2059	764	1077	2249	1540	1540	3482	3483
2060	764	1086	2250	1541	1541	3502	3502
2061	764	1089	2252	1541	1541	3521	3521
2062	764	1092	2253	1541	1541	3539	3539
2063	764	1094	2255	1541	1541	3557	3556
2064	764	1096	2256	1542	1542	3573	3572
2065	764	1098	2257	1542	1542	3590	3588
2066	764	1099	2259	1542	1542	3605	3604

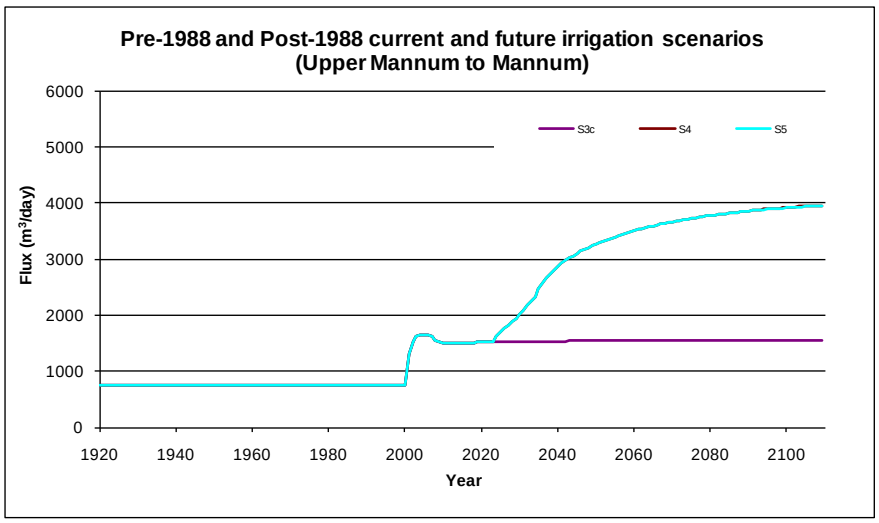
B-1-h. Modelled flux ($m^{3/}$day) entering the River Murray in the Upper Mannum to Mannum Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2067	764	1101	2260	1542	1542	3621	3619
2068	764	1102	2261	1543	1543	3635	3634
2069	764	1103	2262	1543	1543	3649	3648
2070	764	1111	2263	1543	1543	3663	3661
2071	764	1116	2264	1543	1543	3675	3673
2072	764	1119	2265	1544	1544	3688	3685
2073	764	1122	2267	1544	1544	3700	3697
2074	764	1124	2268	1544	1544	3712	3709
2075	764	1126	2269	1544	1544	3723	3721
2076	764	1128	2270	1545	1545	3734	3732
2077	764	1130	2271	1545	1545	3744	3743
2078	764	1131	2272	1545	1545	3755	3754
2079	764	1133	2273	1545	1545	3765	3764
2080	764	1142	2274	1545	1545	3774	3774
2081	764	1147	2274	1546	1546	3784	3784
2082	764	1151	2275	1546	1546	3793	3793
2083	764	1154	2276	1546	1546	3802	3802
2084	764	1157	2277	1546	1546	3810	3810
2085	764	1160	2278	1547	1547	3819	3819
2086	764	1163	2278	1547	1547	3826	3826
2087	764	1165	2279	1547	1547	3834	3833
2088	764	1168	2280	1547	1547	3842	3841
2089	764	1170	2280	1547	1547	3849	3849
2090	764	1179	2281	1548	1548	3856	3856
2091	764	1186	2281	1548	1548	3863	3862
2092	764	1191	2282	1548	1548	3870	3867
2093	764	1195	2282	1548	1548	3877	3873
2094	764	1200	2283	1549	1549	3883	3879
2095	764	1203	2284	1549	1549	3889	3884
2096	764	1207	2284	1549	1549	3896	3889
2097	764	1210	2285	1549	1549	3901	3894
2098	764	1214	2285	1549	1549	3907	3900
2099	764	1217	2285	1550	1550	3913	3905
2100	764	1227	2286	1550	1550	3918	3910
2101	764	1235	2286	1550	1550	3923	3915
2102	764	1242	2287	1550	1550	3928	3921
2103	764	1247	2287	1550	1550	3932	3926
2104	764	1253	2288	1551	1551	3937	3931
2105	764	1258	2288	1551	1551	3941	3936
2106	764	1263	2289	1551	1551	3946	3941
2107	764	1267	2289	1551	1551	3950	3945
2108	764	1272	2290	1552	1552	3954	3950
2109	764	1272	2290	1552	1552	3954	3950

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	27	2595	2590	2590	2590	2590	2590
1930	27	2595	3073	3073	3073	3073	3073
1950	27	2595	4821	4821	4821	4821	4821
1960	27	2595	6039	6039	6039	6039	6039
1970	27	2918	6171	6171	6171	6171	6171
1980	27	2981	6221	6221	6221	6221	6221
1988	27	2983	6225	6225	6225	6225	6225
1989	27	2985	6227	6227	6227	6227	6227
1990	27	3013	6230	6230	6230	6230	6230
1991	27	3025	6232	6232	6232	6232	6232
1992	27	3033	6234	6234	6234	6234	6234
1993	27	3038	6236	6236	6236	6236	6236
1994	27	3042	6238	6238	6238	6238	6238
1995	27	3045	6308	6308	6308	6308	6308
1996	27	3048	6367	6367	6367	6367	6367
1997	27	3051	6410	6410	6410	6410	6410
1998	27	3053	6444	6367	6367	6367	6367
1999	27	3055	6468	6313	6111	6111	6111
2000	27	3081	6489	6219	5848	5848	5848
2001	27	3093	6734	6387	5856	5856	5856
2002	27	3101	6849	6430	5737	5737	5737
2003	27	3107	6924	6437	5581	5581	5581
2004	27	3111	6979	6427	5494	5494	5494
2005	27	3115	7021	6406	5406	5406	5406
2006	27	3118	7056	6378	5291	5291	5291
2007	27	3121	7086	6345	5231	5231	5231
2008	27	3123	7111	6291	5133	5133	5133
2009	27	3125	7133	6228	4993	4993	4993
2010	27	3149	7152	6194	4899	4899	4899
2011	27	3160	7170	6174	4830	4830	4830
2012	27	3167	7186	6160	4777	4777	4777
2013	27	3173	7200	6148	4732	4732	4732
2014	27	3178	7213	6140	4689	4689	4689
2015	27	3181	7226	6133	4656	4656	4656
2016	27	3185	7237	6127	4620	4620	4620
2017	27	3188	7248	6123	4588	4588	4588
2018	27	3190	7258	6120	4540	4540	4540
2019	27	3193	7267	6117	4524	4524	4524
2020	27	3215	7275	6115	4514	4514	4514
2021	27	3226	7283	6113	4506	4506	4506
2022	27	3234	7290	6111	4501	4501	4501
2023	27	3240	7297	6110	4495	4495	4495
2024	27	3245	7304	6110	4490	4548	4548

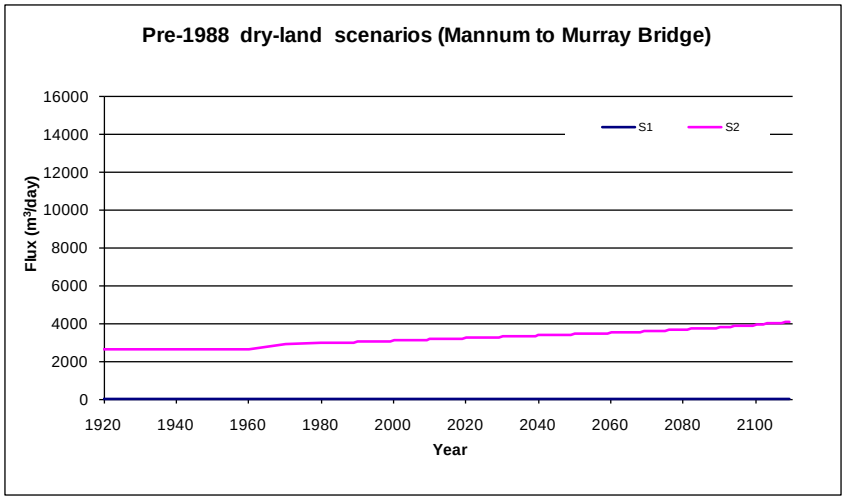
B-1-i. Modelled flux (m^3/day) entering the River Murray in the Mannum to Murray Bridge Area (all scenarios)

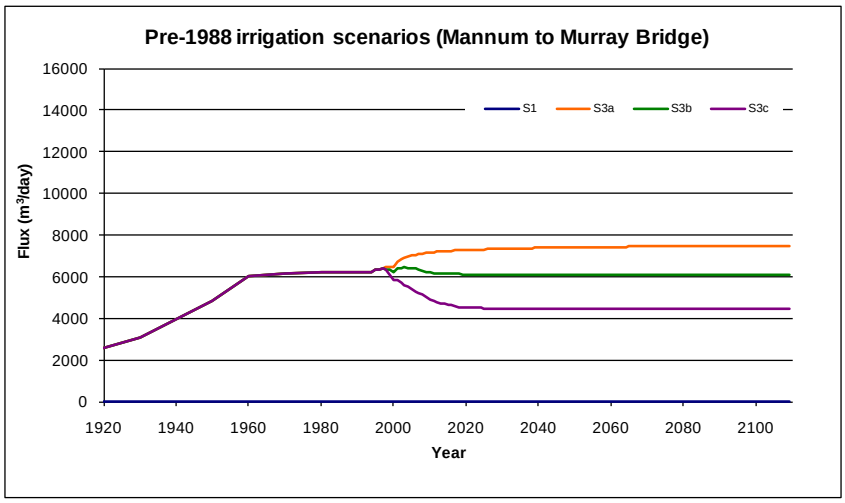
Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2025	27	3249	7310	6109	4486	4578	4578
2026	27	3252	7316	6108	4482	4650	4650
2027	27	3255	7321	6108	4478	4684	4684
2028	27	3258	7327	6108	4475	4738	4738
2029	27	3261	7332	6107	4472	4776	4776
2030	27	3283	7337	6107	4470	4843	4843
2031	27	3294	7342	6106	4468	4881	4881
2032	27	3302	7347	6106	4466	4961	4961
2033	27	3308	7351	6106	4464	5015	5015
2034	27	3313	7355	6106	4463	5053	5053
2035	27	3317	7360	6106	4463	5196	5196
2036	27	3321	7363	6106	4462	5301	5301
2037	27	3325	7366	6106	4462	5377	5377
2038	27	3328	7371	6106	4461	5437	5437
2039	27	3331	7374	6106	4461	5486	5486
2040	27	3351	7378	6106	4461	5526	5526
2041	27	3363	7380	6106	4460	5561	5561
2042	27	3371	7384	6106	4460	5591	5591
2043	27	3377	7387	6106	4459	5618	5618
2044	27	3383	7390	6106	4459	5642	5642
2045	27	3387	7393	6106	4458	5664	5664
2046	27	3392	7395	6106	4458	5683	5683
2047	27	3396	7398	6106	4458	5701	5701
2048	27	3399	7401	6106	4457	5718	5718
2049	27	3403	7403	6106	4457	5733	5733
2050	27	3421	7406	6106	4457	5748	5748
2051	27	3432	7408	6106	4456	5761	5761
2052	27	3441	7410	6106	4456	5774	5774
2053	27	3447	7413	6106	4455	5786	5786
2054	27	3453	7415	6106	4455	5797	5797
2055	27	3458	7417	6106	4455	5807	5815
2056	27	3463	7419	6106	4454	5817	5832
2057	27	3467	7421	6106	4454	5827	5846
2058	27	3472	7423	6106	4454	5836	5856
2059	27	3475	7425	6106	4454	5844	5866
2060	27	3493	7428	6106	4453	5853	5875
2061	27	3505	7429	6106	4453	5861	5884
2062	27	3514	7431	6106	4453	5868	5891
2063	27	3522	7433	6106	4452	5876	5899
2064	27	3528	7435	6106	4452	5883	5906
2065	27	3534	7436	6106	4452	5889	5913
2066	27	3540	7438	6106	4451	5896	5920

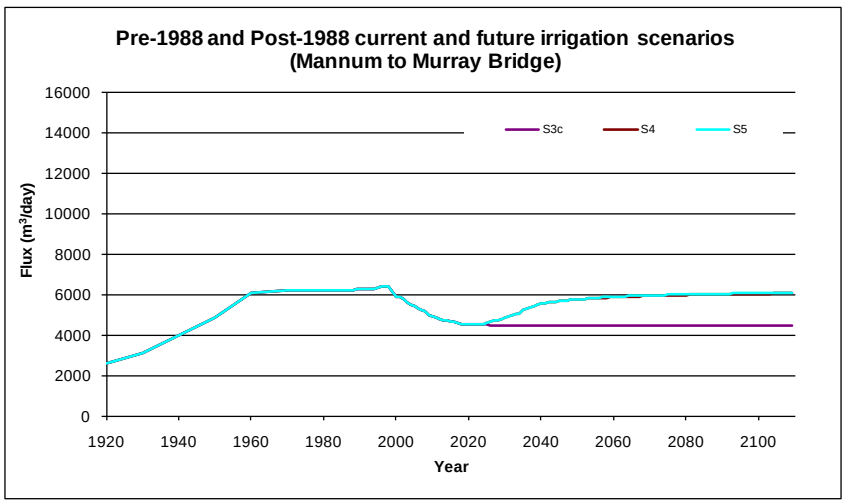
B-1-i. Modelled flux (m^3/day) entering the River Murray in the Mannum to Murray Bridge Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2067	27	3545	7439	6106	4451	5902	5926
2068	27	3550	7441	6106	4451	5908	5932
2069	27	3555	7442	6106	4450	5914	5938
2070	27	3572	7444	6106	4450	5920	5944
2071	27	3585	7445	6106	4450	5925	5949
2072	27	3596	7447	6106	4450	5930	5954
2073	27	3605	7448	6106	4449	5935	5959
2074	27	3613	7450	6106	4449	5940	5964
2075	27	3621	7451	6106	4449	5945	5969
2076	27	3627	7452	6106	4449	5950	5974
2077	27	3634	7454	6106	4448	5954	5978
2078	27	3640	7455	6106	4448	5958	5983
2079	27	3646	7456	6106	4448	5962	5987
2080	27	3664	7457	6106	4447	5966	5991
2081	27	3679	7458	6106	4447	5970	5995
2082	27	3692	7459	6106	4447	5974	5999
2083	27	3703	7460	6106	4447	5978	6003
2084	27	3713	7461	6107	4446	5981	6006
2085	27	3723	7462	6107	4446	5985	6010
2086	27	3732	7463	6107	4446	5988	6013
2087	27	3740	7464	6107	4446	5991	6016
2088	27	3748	7465	6107	4446	5994	6019
2089	27	3756	7466	6107	4445	5997	6022
2090	27	3776	7466	6107	4445	6000	6025
2091	27	3794	7467	6107	4445	6003	6028
2092	27	3809	7468	6107	4445	6006	6030
2093	27	3823	7469	6107	4444	6009	6033
2094	27	3835	7469	6107	4444	6012	6035
2095	27	3847	7470	6107	4444	6014	6037
2096	27	3859	7471	6107	4444	6017	6039
2097	27	3870	7471	6107	4444	6019	6041
2098	27	3880	7472	6107	4443	6021	6044
2099	27	3890	7473	6107	4443	6024	6046
2100	27	3913	7473	6107	4443	6026	6048
2101	27	3934	7474	6107	4443	6028	6050
2102	27	3952	7475	6107	4442	6030	6053
2103	27	3969	7475	6107	4442	6032	6055
2104	27	3985	7476	6107	4442	6034	6057
2105	27	3999	7476	6108	4442	6036	6059
2106	27	4013	7477	6108	4442	6038	6061
2107	27	4027	7478	6108	4442	6039	6063
2108	27	4039	7478	6108	4441	6041	6065
2109	27	4039	7478	6108	4441	6041	6065

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) entering the River Murray in the Mannum to Murray Bridge Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
1920	446	2921	2899	2899	2899	2899	2899
1930	446	2922	2507	2507	2507	2507	2507
1950	446	3340	2578	2578	2578	2578	2578
1960	446	3518	4466	4466	4466	4466	4466
1970	446	3662	4599	4599	4599	4599	4599
1980	446	3808	4646	4646	4646	4646	4646
1988	446	3816	4650	4650	4650	4650	4650
1989	446	3821	4651	4651	4651	4651	4651
1990	446	3874	4654	4654	4654	4654	4654
1991	446	3905	4656	4656	4656	4656	4656
1992	446	3927	4658	4658	4658	4658	4658
1993	446	3945	4659	4659	4659	4659	4659
1994	446	3960	4661	4661	4661	4661	4661
1995	446	3972	4665	4665	4665	4665	4665
1996	446	3983	4669	4669	4669	4669	4669
1997	446	3993	4672	4672	4672	4672	4672
1998	446	4002	4675	4605	4605	4605	4605
1999	446	4010	4678	4460	4458	4458	4458
2000	446	4068	4681	4335	4332	4332	4332
2001	446	4104	5387	4948	4946	4946	4946
2002	446	4132	5700	5137	5135	5135	5135
2003	446	4154	5898	5200	5199	5199	5199
2004	446	4173	6037	5198	5198	5198	5198
2005	446	4190	6140	5157	5157	5157	5157
2006	446	4204	6220	5091	5091	5091	5091
2007	446	4217	6285	5007	5006	5006	5006
2008	446	4229	6339	4858	4859	4859	4859
2009	446	4240	6385	4771	4770	4770	4770
2010	446	4296	6424	4725	4722	4722	4722
2011	446	4334	6459	4699	4693	4693	4693
2012	446	4364	6490	4681	4674	4674	4674
2013	446	4388	6517	4666	4661	4661	4661
2014	446	4410	6542	4656	4650	4650	4650
2015	446	4429	6565	4648	4644	4644	4644
2016	446	4446	6586	4642	4638	4638	4638
2017	446	4462	6604	4637	4634	4634	4634
2018	446	4476	6622	4634	4630	4630	4630
2019	446	4489	6639	4630	4628	4628	4628
2020	446	4539	6652	4628	4626	4626	4626
2021	446	4576	6666	4626	4625	4625	4625
2022	446	4606	6678	4625	4624	4624	4624
2023	446	4632	6690	4624	4624	4624	4624
2024	446	4656	6701	4624	4623	4838	4838

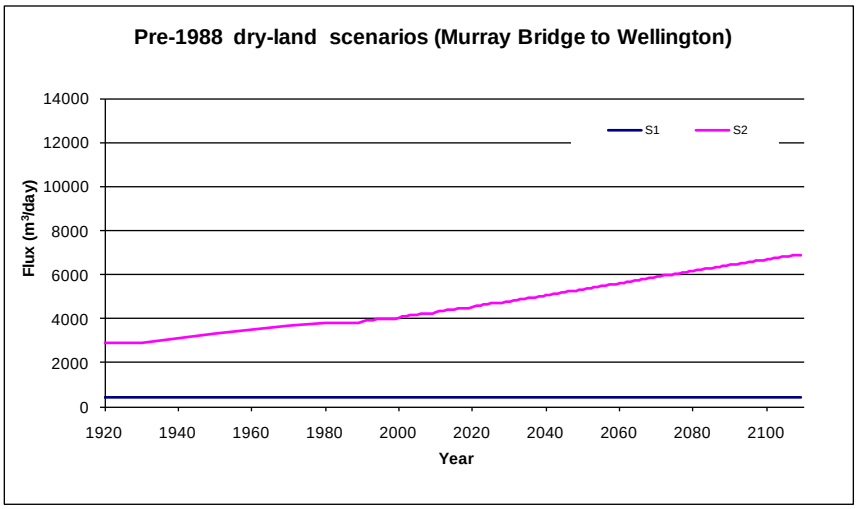
B-1-j. Modelled flux (m^3/day) entering the River Murray in the Murray Bridge to Wellington Area (all scenarios)

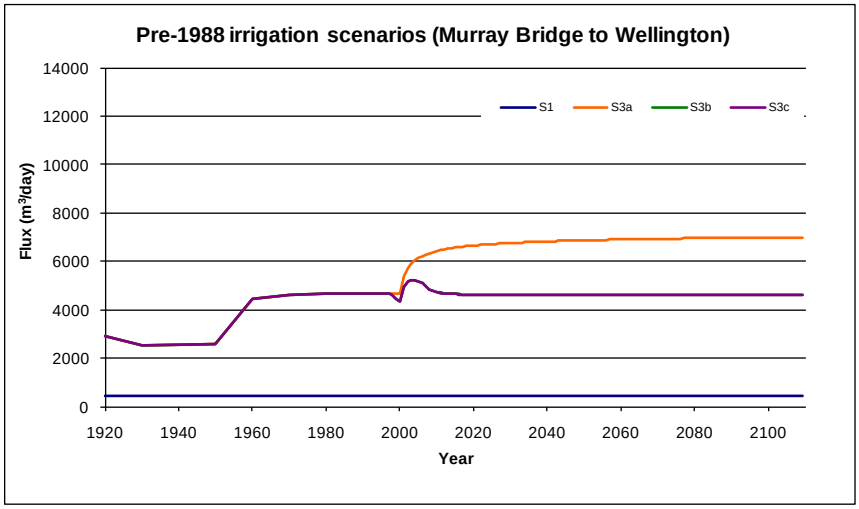
Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2025	446	4677	6711	4623	4623	4909	4909
2026	446	4697	6721	4623	4622	5052	5052
2027	446	4715	6731	4622	4622	5128	5128
2028	446	4732	6740	4622	4622	5235	5235
2029	446	4748	6748	4622	4622	5302	5302
2030	446	4791	6757	4622	4622	5392	5392
2031	446	4826	6765	4622	4622	5447	5447
2032	446	4857	6772	4622	4622	5540	5540
2033	446	4885	6780	4622	4622	5595	5595
2034	446	4910	6787	4622	4622	5637	5637
2035	446	4934	6794	4622	4622	5884	5884
2036	446	4956	6799	4622	4622	6016	6016
2037	446	4977	6805	4622	4622	6103	6103
2038	446	4997	6811	4622	4622	6168	6168
2039	446	5015	6817	4622	4622	6220	6220
2040	446	5053	6823	4622	4622	6263	6263
2041	446	5087	6827	4622	4622	6300	6300
2042	446	5118	6833	4622	4622	6332	6332
2043	446	5147	6838	4622	4622	6361	6361
2044	446	5174	6842	4622	4622	6387	6387
2045	446	5200	6847	4622	4622	6411	6411
2046	446	5224	6851	4622	4622	6432	6432
2047	446	5248	6855	4622	4622	6453	6453
2048	446	5270	6860	4622	4622	6471	6471
2049	446	5292	6864	4622	4622	6488	6488
2050	446	5325	6868	4622	4622	6504	6504
2051	446	5358	6872	4623	4623	6519	6519
2052	446	5389	6876	4623	4623	6534	6534
2053	446	5419	6879	4623	4623	6547	6547
2054	446	5447	6883	4623	4623	6560	6560
2055	446	5474	6887	4623	4623	6572	6586
2056	446	5500	6890	4623	4623	6583	6606
2057	446	5524	6894	4623	4623	6594	6622
2058	446	5548	6897	4623	4623	6605	6635
2059	446	5572	6900	4623	4623	6614	6647
2060	446	5603	6904	4623	4623	6624	6658
2061	446	5635	6906	4623	4623	6633	6669
2062	446	5666	6909	4623	4623	6642	6679
2063	446	5696	6912	4623	4623	6650	6688
2064	446	5725	6915	4623	4623	6658	6697
2065	446	5752	6918	4623	4623	6666	6706
2066	446	5779	6920	4623	4623	6674	6714

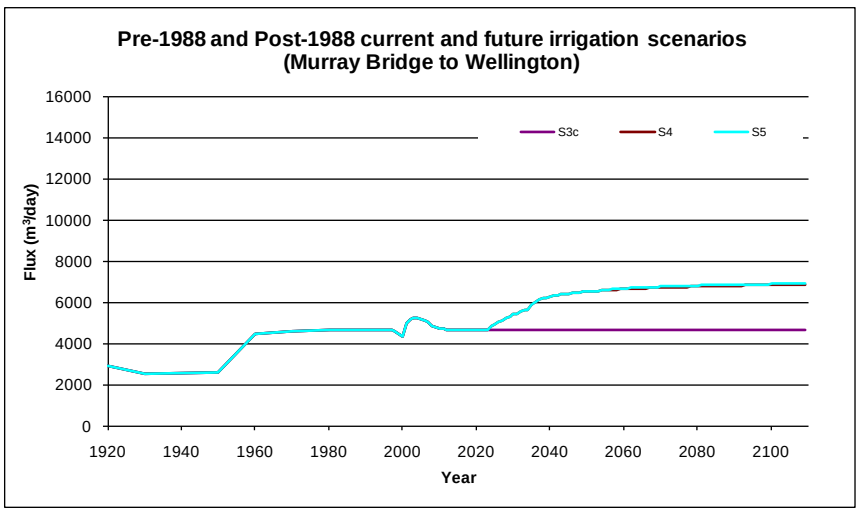
B-1-j. Modelled flux (m^3/day) entering the River Murray in the Murray Bridge to Wellington Area (all scenarios)

Time (year)	S1	S2	S3a	S3b	S3c	S4	S5
2067	446	5805	6922	4623	4623	6681	6722
2068	446	5830	6925	4624	4624	6688	6729
2069	446	5854	6928	4624	4624	6695	6737
2070	446	5885	6930	4624	4624	6702	6743
2071	446	5916	6932	4624	4624	6708	6750
2072	446	5946	6935	4624	4624	6714	6756
2073	446	5975	6937	4624	4624	6720	6762
2074	446	6003	6940	4624	4624	6725	6768
2075	446	6031	6942	4624	4624	6731	6774
2076	446	6057	6944	4624	4624	6736	6780
2077	446	6083	6946	4624	4624	6741	6786
2078	446	6108	6948	4624	4624	6746	6791
2079	446	6132	6950	4624	4624	6751	6796
2080	446	6162	6952	4624	4624	6756	6802
2081	446	6192	6953	4625	4625	6760	6807
2082	446	6220	6955	4625	4625	6765	6811
2083	446	6249	6957	4625	4625	6769	6816
2084	446	6276	6959	4625	4625	6774	6820
2085	446	6302	6961	4625	4625	6778	6825
2086	446	6328	6962	4625	4625	6782	6829
2087	446	6353	6963	4625	4625	6785	6833
2088	446	6377	6965	4625	4625	6789	6837
2089	446	6401	6966	4625	4625	6793	6841
2090	446	6430	6967	4625	4625	6797	6844
2091	446	6458	6968	4625	4625	6800	6847
2092	446	6485	6970	4626	4626	6804	6850
2093	446	6512	6971	4626	4626	6807	6854
2094	446	6539	6972	4626	4626	6811	6857
2095	446	6564	6973	4626	4626	6814	6859
2096	446	6590	6975	4626	4626	6817	6862
2097	446	6614	6976	4626	4626	6820	6865
2098	446	6638	6977	4626	4626	6823	6868
2099	446	6662	6978	4626	4626	6826	6871
2100	446	6690	6979	4626	4626	6829	6873
2101	446	6718	6980	4626	4626	6831	6876
2102	446	6744	6981	4626	4626	6834	6879
2103	446	6769	6982	4626	4626	6836	6882
2104	446	6795	6983	4627	4627	6839	6884
2105	446	6819	6984	4627	4627	6841	6887
2106	446	6844	6985	4627	4627	6843	6890
2107	446	6867	6986	4627	4627	6845	6893
2108	446	6890	6987	4627	4627	6848	6895
2109	446	6890	6987	4627	4627	6848	6895

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 calibration model groundwater flux and salt load
- Modelled groundwater flux (m^3/d)
- Modelled salt load (t/d)

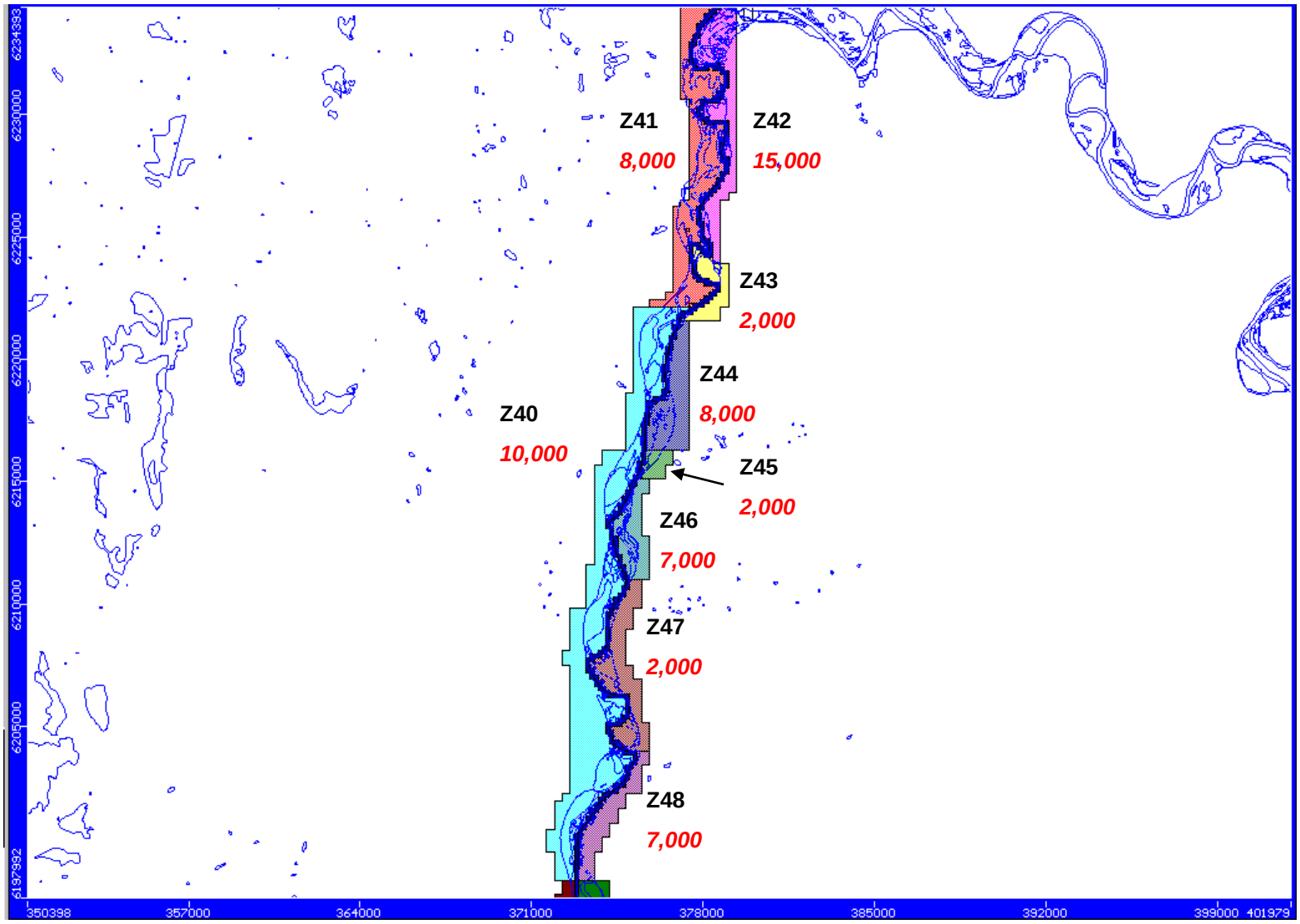
(Transient from 1920 to 2009)

(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 calibration model 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 calibration model 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*	17	122	60	58	39	5	21	60	9	*252*	*139*	391
3652	*7305*	*1930*	*1940*	17	122	60	58	39	5	21	60	9	*252*	*139*	391
7305	*14610*	*1940*	*1960*	17	122	60	58	39	5	21	60	9	*252*	*139*	391
14610	*18263*	*1960*	*1970*	17	122	60	58	39	5	21	60	10	*254*	*139*	393
18263	*21915*	*1970*	*1980*	17	122	61	58	40	5	22	60	10	*256*	*139*	395
21915	*24837*	*1980*	*1988*	17	122	63	59	41	6	25	61	10	*264*	*140*	404
24837	*25202*	*1988*	*1989*	17	122	63	59	41	6	25	61	10	*265*	*140*	405
25202	*25567*	*1989*	*1990*	17	122	63	59	42	6	25	61	10	*265*	*140*	405
25567	*25932*	*1990*	*1991*	17	123	65	60	43	6	27	62	10	*273*	*141*	414
25932	*26298*	*1991*	*1992*	17	124	66	60	44	7	29	62	10	*276*	*141*	418
26298	*26663*	*1992*	*1993*	17	124	66	60	44	7	30	62	10	*279*	*141*	420
26663	*27028*	*1993*	*1994*	17	124	66	61	44	7	30	63	10	*281*	*142*	423
27028	*27393*	*1994*	*1995*	18	124	66	61	45	7	31	63	10	*283*	*142*	424
27393	*27759*	*1995*	*1996*	18	124	67	61	45	7	32	63	10	*284*	*142*	426
27759	*28124*	*1996*	*1997*	18	124	67	61	45	8	32	63	10	*286*	*142*	428
28124	*28489*	*1997*	*1998*	18	124	67	61	46	8	33	63	10	*287*	*142*	429
28489	*28854*	*1998*	*1999*	18	124	67	61	46	8	33	64	10	*289*	*142*	430
28854	*29220*	*1999*	*2000*	18	124	67	62	46	8	33	64	10	*290*	*142*	432
29220	*29585*	*2000*	*2001*	18	127	71	64	50	8	37	67	10	*306*	*144*	451
29585	*29950*	*2001*	*2002*	18	127	72	65	52	9	39	68	10	*315*	*145*	460
29950	*30315*	*2002*	*2003*	18	128	73	66	53	9	41	69	10	*321*	*145*	467
30315	*30681*	*2003*	*2004*	18	128	74	67	55	10	42	70	10	*327*	*145*	472
30681	*31046*	*2004*	*2005*	18	128	75	68	56	10	43	70	10	*332*	*146*	478
31046	*31411*	*2005*	*2006*	18	128	76	68	57	10	44	71	10	*336*	*146*	482
31411	*31776*	*2006*	*2007*	18	128	77	69	58	10	45	72	11	*341*	*146*	487
31776	*32142*	*2007*	*2008*	18	128	77	70	58	10	45	73	11	*345*	*146*	491
32142	*32507*	*2008*	*2009*	18	128	78	70	59	11	46	74	11	*349*	*146*	495
32507	*32872*	*2009*	*2010*	18	128	79	71	60	11	46	74	11	*352*	*146*	498
32872	*33237*	*2010*	*2011*	18	131	86	76	67	12	51	79	11	*381*	*148*	530
33237	*33603*	*2011*	*2012*	18	131	90	79	71	12	53	82	11	*398*	*149*	548
33603	*33968*	*2012*	*2013*	18	132	93	81	75	13	55	84	12	*412*	*150*	562
33968	*34333*	*2013*	*2014*	18	132	96	83	77	13	57	86	12	*424*	*150*	574
34333	*34698*	*2014*	*2015*	18	132	98	86	80	13	58	88	12	*435*	*150*	586
34698	*35064*	*2015*	*2016*	18	133	101	88	82	14	59	90	13	*446*	*150*	596
35064	*35429*	*2016*	*2017*	18	133	103	90	84	14	60	92	13	*455*	*151*	606
35429	*35794*	*2017*	*2018*	18	133	105	91	85	14	61	94	14	*465*	*151*	615
35794	*36159*	*2018*	*2019*	18	133	107	93	87	14	62	95	14	*473*	*151*	624
36159	*36525*	*2019*	*2020*	18	133	110	95	89	15	63	97	14	*482*	*151*	633
36525	*36890*	*2020*	*2021*	18	135	120	103	98	15	67	103	15	*521*	*153*	674
36890	*37255*	*2021*	*2022*	18	136	128	108	104	16	69	108	15	*548*	*154*	703
37255	*37620*	*2022*	*2023*	18	137	134	112	109	16	71	112	16	*571*	*155*	726
37620	*37986*	*2023*	*2024*	18	137	140	117	113	17	73	116	17	*592*	*155*	747
37986	*38351*	*2024*	*2025*	18	137	145	121	117	17	75	119	17	*611*	*156*	766

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	18	138	150	125	120	18	76	123	18	628	156	784
38716	39081	2026	2027	18	138	154	128	123	18	77	126	19	645	156	801
39081	39447	2027	2028	18	138	158	132	126	18	78	129	19	661	156	817
39447	39812	2028	2029	18	138	162	135	128	18	79	132	20	676	156	832
39812	40177	2029	2030	18	138	166	139	131	19	80	135	21	690	156	847
40177	40542	2030	2031	18	141	179	148	140	19	83	142	22	734	159	893
40542	40908	2031	2032	18	142	189	155	147	20	86	148	23	768	161	928
40908	41273	2032	2033	18	143	198	162	152	20	88	153	24	797	161	958
41273	41638	2033	2034	18	144	206	168	157	21	89	158	25	824	162	986
41638	42003	2034	2035	18	144	213	173	161	21	91	163	26	848	162	1011
42003	42369	2035	2036	18	144	220	179	165	22	92	168	27	872	163	1034
42369	42734	2036	2037	18	144	226	184	169	22	93	172	28	894	163	1057
42734	43099	2037	2038	18	145	232	188	172	22	95	176	29	915	163	1078
43099	43464	2038	2039	18	145	238	193	175	23	96	180	30	935	163	1098
43464	43830	2039	2040	18	145	244	197	178	23	97	184	31	954	163	1118
43830	44195	2040	2041	19	148	257	207	186	23	99	191	32	996	167	1163
44195	44560	2041	2042	19	149	268	215	192	24	101	197	34	1031	168	1199
44560	44925	2042	2043	19	150	278	222	197	24	103	203	35	1062	169	1231
44925	45291	2043	2044	19	151	287	228	202	25	105	208	36	1091	170	1261
45291	45656	2044	2045	19	151	295	234	206	25	106	214	38	1118	170	1288
45656	46021	2045	2046	19	152	303	240	210	25	108	219	39	1143	171	1314
46021	46386	2046	2047	19	152	310	246	213	26	109	223	41	1168	171	1339
46386	46752	2047	2048	19	152	317	251	217	26	110	228	42	1191	171	1362
46752	47117	2048	2049	19	152	324	256	220	26	111	232	44	1213	171	1385
47117	47482	2049	2050	19	153	330	261	223	27	113	236	45	1235	172	1406
47482	47847	2050	2051	19	155	343	269	229	27	114	242	47	1272	175	1447
47847	48213	2051	2052	19	156	354	277	233	28	116	248	49	1305	176	1481
48213	48578	2052	2053	19	157	363	283	238	28	118	254	50	1334	177	1511
48578	48943	2053	2054	20	158	372	289	242	28	119	259	52	1362	177	1539
48943	49308	2054	2055	20	158	380	295	245	29	121	264	54	1388	178	1566
49308	49674	2055	2056	20	159	388	300	249	29	122	269	56	1413	178	1591
49674	50039	2056	2057	20	159	395	305	252	29	123	274	58	1437	179	1615
50039	50404	2057	2058	20	159	403	310	255	30	124	278	60	1460	179	1639
50404	50769	2058	2059	20	160	409	315	258	30	126	282	62	1483	179	1662
50769	51135	2059	2060	20	160	416	320	261	30	127	286	64	1505	179	1684
51135	51500	2060	2061	20	162	428	327	265	31	128	292	66	1537	182	1718
51500	51865	2061	2062	20	163	438	333	269	31	130	297	68	1566	183	1748
51865	52230	2062	2063	20	164	447	339	272	31	131	302	70	1592	184	1776
52230	52596	2063	2064	20	164	455	344	276	32	133	307	72	1618	184	1802
52596	52961	2064	2065	20	165	462	349	279	32	134	311	75	1642	185	1827
52961	53326	2065	2066	20	165	470	354	282	32	135	316	77	1665	185	1851
53326	53691	2066	2067	20	165	477	359	285	33	136	320	79	1688	185	1874

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	20	166	483	363	287	33	138	324	82	***1710***	***186***	**1896**
54057	*54422*	2068	2069	20	166	490	368	290	33	139	328	84	***1732***	***186***	**1918**
54422	*54787*	2069	2070	20	166	496	372	293	34	140	332	86	***1753***	***186***	**1939**
54787	*55152*	2070	2071	20	167	507	378	296	34	141	337	89	***1781***	***188***	**1969**
55152	*55518*	2071	2072	20	168	515	383	299	34	143	341	91	***1807***	***189***	**1996**
55518	*55883*	2072	2073	21	169	523	388	302	35	144	346	94	***1831***	***189***	**2020**
55883	*56248*	2073	2074	21	169	530	392	305	35	145	350	97	***1854***	***190***	**2044**
56248	*56613*	2074	2075	21	170	537	397	307	35	146	354	99	***1876***	***190***	**2067**
56613	*56979*	2075	2076	21	170	544	401	310	35	147	359	102	***1898***	***191***	**2089**
56979	*57344*	2076	2077	21	171	550	406	312	36	149	363	105	***1920***	***191***	**2111**
57344	*57709*	2077	2078	21	171	556	410	315	36	150	367	107	***1941***	***191***	**2132**
57709	*58074*	2078	2079	21	171	562	414	317	36	151	370	110	***1961***	***192***	**2153**
58074	*58440*	2079	2080	21	171	568	418	320	37	152	374	112	***1981***	***192***	**2173**
58440	*58805*	2080	2081	21	172	577	423	323	37	153	378	115	***2006***	***193***	**2199**
58805	*59170*	2081	2082	21	173	584	427	325	37	154	382	118	***2029***	***194***	**2223**
59170	*59535*	2082	2083	21	174	591	432	328	37	156	386	121	***2051***	***195***	**2245**
59535	*59901*	2083	2084	21	174	598	436	330	38	157	390	124	***2072***	***195***	**2267**
59901	*60266*	2084	2085	21	174	604	440	333	38	158	394	126	***2093***	***195***	**2289**
60266	*60631*	2085	2086	21	175	610	444	335	38	159	398	129	***2113***	***196***	**2309**
60631	*60996*	2086	2087	21	175	616	448	337	39	160	402	132	***2133***	***196***	**2330**
60996	*61362*	2087	2088	21	175	621	452	340	39	161	406	135	***2153***	***196***	**2349**
61362	*61727*	2088	2089	21	175	627	456	342	39	162	409	137	***2172***	***197***	**2369**
61727	*62092*	2089	2090	21	176	632	459	344	39	163	413	140	***2191***	***197***	**2388**
62092	*62457*	2090	2091	21	176	640	463	347	40	164	417	143	***2214***	***198***	**2411**
62457	*62823*	2091	2092	21	177	646	468	349	40	165	421	146	***2235***	***198***	**2433**
62823	*63188*	2092	2093	21	178	652	472	352	40	167	424	149	***2255***	***199***	**2454**
63188	*63553*	2093	2094	21	178	658	476	354	40	168	428	152	***2275***	***199***	**2474**
63553	*63918*	2094	2095	22	178	663	479	356	41	169	432	154	***2294***	***200***	**2494**
63918	*64284*	2095	2096	22	179	669	483	358	41	170	435	157	***2313***	***200***	**2513**
64284	*64649*	2096	2097	22	179	674	487	361	41	171	439	160	***2332***	***200***	**2532**
64649	*65014*	2097	2098	22	179	679	490	363	42	172	442	162	***2350***	***201***	**2551**
65014	*65379*	2098	2099	22	179	684	494	365	42	173	446	165	***2369***	***201***	**2569**
65379	*65745*	2099	2100	22	179	689	498	367	42	174	449	168	***2387***	***201***	**2588**
65745	*66110*	2100	2101	22	180	695	501	369	42	175	453	171	***2407***	***202***	**2608**
66110	*66475*	2101	2102	22	180	701	505	372	43	176	457	174	***2426***	***202***	**2628**
66475	*66840*	2102	2103	22	181	706	509	374	43	177	460	176	***2445***	***203***	**2648**
66840	*67206*	2103	2104	22	181	711	513	376	43	178	464	179	***2463***	***203***	**2667**
67206	*67571*	2104	2105	22	181	716	516	378	43	179	467	182	***2482***	***204***	**2685**
67571	*67936*	2105	2106	22	182	721	520	380	44	180	471	185	***2499***	***204***	**2703**
67936	*68301*	2106	2107	22	182	726	523	382	44	181	474	187	***2517***	***204***	**2721**
68301	*68667*	2107	2108	22	182	731	527	384	44	182	477	190	***2534***	***204***	**2739**
68667	*69032*	2108	2109	22	182	735	530	386	44	183	481	192	***2552***	***205***	**2756**
69032	*69397*	2109	2110	22	182	735	530	386	44	183	481	192	***2552***	***205***	**2756**

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	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.1	2.8
3652	7305	1930	1940	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.1	2.8
7305	14610	1940	1960	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.1	2.8
14610	18263	1960	1970	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	1.7	1.1	2.8
18263	21915	1970	1980	0.2	1.0	0.9	0.1	0.3	0.0	0.2	0.1	0.1	1.7	1.1	2.9
21915	24837	1980	1988	0.2	1.0	0.9	0.1	0.3	0.0	0.2	0.1	0.1	1.8	1.2	2.9
24837	25202	1988	1989	0.2	1.0	0.9	0.1	0.3	0.0	0.2	0.1	0.1	1.8	1.2	2.9
25202	25567	1989	1990	0.2	1.0	0.9	0.1	0.3	0.0	0.2	0.1	0.1	1.8	1.2	2.9
25567	25932	1990	1991	0.2	1.0	1.0	0.1	0.3	0.0	0.2	0.1	0.1	1.8	1.2	3.0
25932	26298	1991	1992	0.2	1.0	1.0	0.1	0.3	0.0	0.2	0.1	0.1	1.9	1.2	3.0
26298	26663	1992	1993	0.2	1.0	1.0	0.1	0.4	0.0	0.2	0.1	0.1	1.9	1.2	3.0
26663	27028	1993	1994	0.2	1.0	1.0	0.1	0.4	0.0	0.2	0.1	0.1	1.9	1.2	3.1
27028	27393	1994	1995	0.2	1.0	1.0	0.1	0.4	0.0	0.2	0.1	0.1	1.9	1.2	3.1
27393	27759	1995	1996	0.2	1.0	1.0	0.1	0.4	0.0	0.2	0.1	0.1	1.9	1.2	3.1
27759	28124	1996	1997	0.2	1.0	1.0	0.1	0.4	0.0	0.2	0.1	0.1	1.9	1.2	3.1
28124	28489	1997	1998	0.2	1.0	1.0	0.1	0.4	0.0	0.2	0.1	0.1	1.9	1.2	3.1
28489	28854	1998	1999	0.2	1.0	1.0	0.1	0.4	0.0	0.2	0.1	0.1	1.9	1.2	3.1
28854	29220	1999	2000	0.2	1.0	1.0	0.1	0.4	0.0	0.2	0.1	0.1	1.9	1.2	3.1
29220	29585	2000	2001	0.2	1.0	1.1	0.1	0.4	0.0	0.3	0.1	0.1	2.1	1.2	3.3
29585	29950	2001	2002	0.2	1.0	1.1	0.1	0.4	0.0	0.3	0.1	0.1	2.1	1.2	3.3
29950	30315	2002	2003	0.2	1.0	1.1	0.1	0.4	0.0	0.3	0.1	0.1	2.2	1.2	3.4
30315	30681	2003	2004	0.2	1.0	1.1	0.1	0.4	0.0	0.3	0.1	0.1	2.2	1.2	3.4
30681	31046	2004	2005	0.2	1.0	1.1	0.1	0.4	0.0	0.3	0.1	0.1	2.2	1.2	3.4
31046	31411	2005	2006	0.2	1.0	1.1	0.1	0.5	0.0	0.3	0.1	0.1	2.3	1.2	3.5
31411	31776	2006	2007	0.2	1.0	1.1	0.1	0.5	0.0	0.3	0.1	0.1	2.3	1.2	3.5
31776	32142	2007	2008	0.2	1.0	1.2	0.1	0.5	0.0	0.3	0.1	0.1	2.3	1.2	3.5
32142	32507	2008	2009	0.2	1.0	1.2	0.1	0.5	0.0	0.3	0.1	0.1	2.4	1.2	3.6
32507	32872	2009	2010	0.2	1.0	1.2	0.1	0.5	0.0	0.3	0.1	0.1	2.4	1.2	3.6
32872	33237	2010	2011	0.2	1.0	1.3	0.2	0.5	0.0	0.4	0.2	0.1	2.6	1.2	3.8
33237	33603	2011	2012	0.2	1.1	1.3	0.2	0.6	0.0	0.4	0.2	0.1	2.7	1.2	3.9
33603	33968	2012	2013	0.2	1.1	1.4	0.2	0.6	0.0	0.4	0.2	0.1	2.8	1.2	4.0
33968	34333	2013	2014	0.2	1.1	1.4	0.2	0.6	0.0	0.4	0.2	0.1	2.9	1.2	4.1
34333	34698	2014	2015	0.2	1.1	1.5	0.2	0.6	0.0	0.4	0.2	0.1	3.0	1.2	4.2
34698	35064	2015	2016	0.2	1.1	1.5	0.2	0.7	0.0	0.4	0.2	0.1	3.1	1.2	4.3
35064	35429	2016	2017	0.2	1.1	1.5	0.2	0.7	0.0	0.4	0.2	0.1	3.1	1.2	4.4
35429	35794	2017	2018	0.2	1.1	1.6	0.2	0.7	0.0	0.4	0.2	0.1	3.2	1.2	4.4
35794	36159	2018	2019	0.2	1.1	1.6	0.2	0.7	0.0	0.4	0.2	0.1	3.2	1.2	4.5
36159	36525	2019	2020	0.2	1.1	1.6	0.2	0.7	0.0	0.4	0.2	0.1	3.3	1.2	4.5
36525	36890	2020	2021	0.2	1.1	1.8	0.2	0.8	0.0	0.5	0.2	0.1	3.6	1.3	4.9
36890	37255	2021	2022	0.2	1.1	1.9	0.2	0.8	0.0	0.5	0.2	0.1	3.8	1.3	5.1
37255	37620	2022	2023	0.2	1.1	2.0	0.2	0.9	0.0	0.5	0.2	0.1	4.0	1.3	5.3
37620	37986	2023	2024	0.2	1.1	2.1	0.2	0.9	0.0	0.5	0.2	0.1	4.1	1.3	5.4
37986	38351	2024	2025	0.2	1.1	2.2	0.2	0.9	0.0	0.5	0.2	0.1	4.3	1.3	5.5

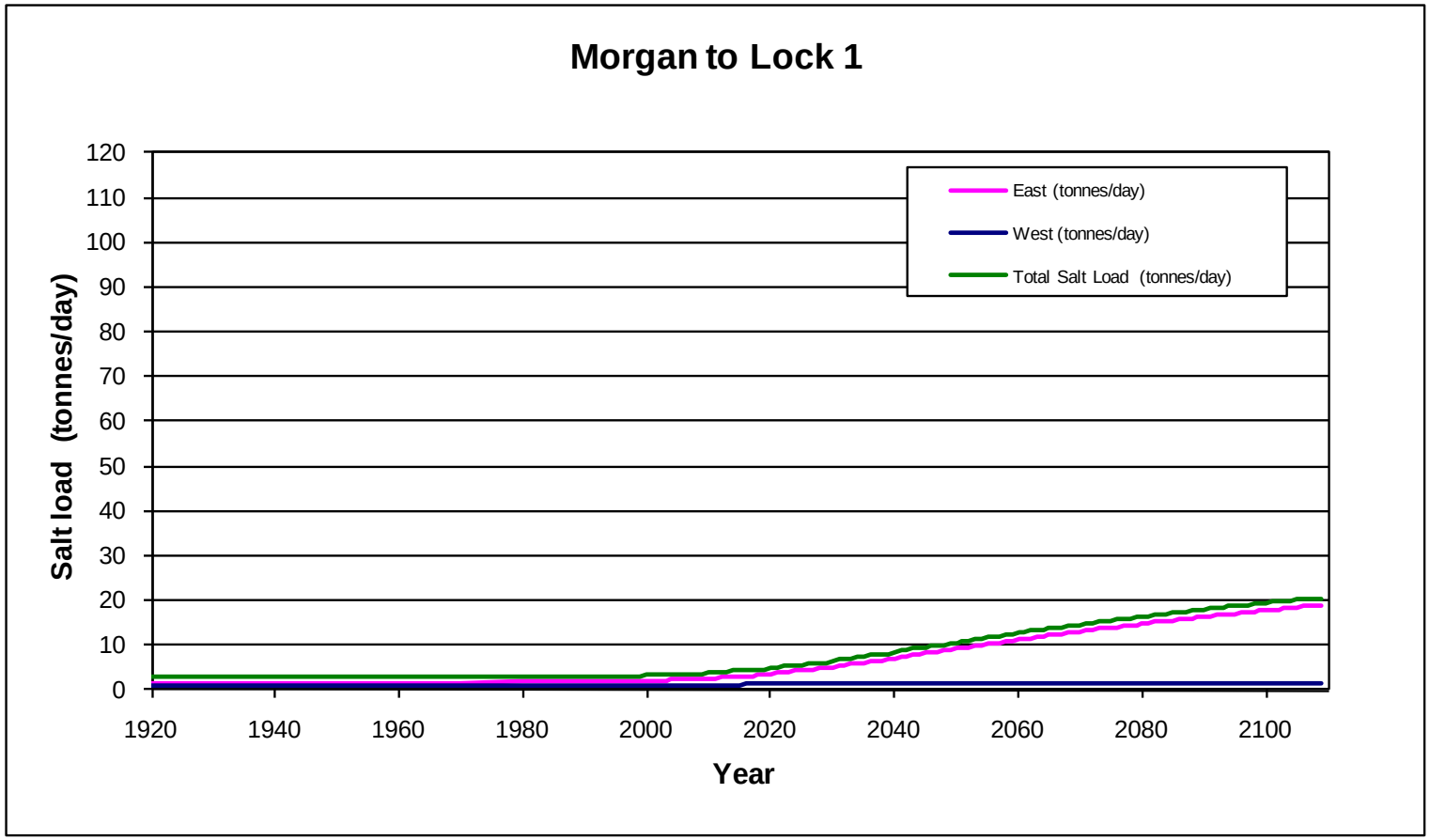
B-2(S2). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 2)

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	1.1	2.2	0.2	1.0	0.0	0.5	0.2	0.1	4.4	1.3	5.7
38716	39081	2026	2027	0.2	1.1	2.3	0.3	1.0	0.0	0.5	0.3	0.1	4.5	1.3	5.8
39081	39447	2027	2028	0.2	1.1	2.4	0.3	1.0	0.0	0.5	0.3	0.1	4.6	1.3	5.9
39447	39812	2028	2029	0.2	1.1	2.4	0.3	1.0	0.0	0.6	0.3	0.1	4.7	1.3	6.0
39812	40177	2029	2030	0.2	1.1	2.5	0.3	1.0	0.0	0.6	0.3	0.1	4.8	1.3	6.1
40177	40542	2030	2031	0.2	1.1	2.7	0.3	1.1	0.0	0.6	0.3	0.2	5.2	1.3	6.5
40542	40908	2031	2032	0.2	1.1	2.8	0.3	1.2	0.0	0.6	0.3	0.2	5.4	1.3	6.7
40908	41273	2032	2033	0.2	1.1	3.0	0.3	1.2	0.0	0.6	0.3	0.2	5.6	1.3	7.0
41273	41638	2033	2034	0.2	1.1	3.1	0.3	1.3	0.0	0.6	0.3	0.2	5.8	1.3	7.2
41638	42003	2034	2035	0.2	1.2	3.2	0.3	1.3	0.0	0.6	0.3	0.2	6.0	1.3	7.4
42003	42369	2035	2036	0.2	1.2	3.3	0.4	1.3	0.0	0.6	0.3	0.2	6.2	1.3	7.5
42369	42734	2036	2037	0.2	1.2	3.4	0.4	1.4	0.0	0.7	0.3	0.2	6.3	1.3	7.7
42734	43099	2037	2038	0.2	1.2	3.5	0.4	1.4	0.0	0.7	0.4	0.2	6.5	1.3	7.8
43099	43464	2038	2039	0.2	1.2	3.6	0.4	1.4	0.0	0.7	0.4	0.2	6.6	1.3	8.0
43464	43830	2039	2040	0.2	1.2	3.7	0.4	1.4	0.0	0.7	0.4	0.2	6.8	1.3	8.1
43830	44195	2040	2041	0.2	1.2	3.9	0.4	1.5	0.0	0.7	0.4	0.2	7.1	1.4	8.5
44195	44560	2041	2042	0.2	1.2	4.0	0.4	1.5	0.0	0.7	0.4	0.2	7.4	1.4	8.8
44560	44925	2042	2043	0.2	1.2	4.2	0.4	1.6	0.0	0.7	0.4	0.2	7.6	1.4	9.0
44925	45291	2043	2044	0.2	1.2	4.3	0.5	1.6	0.0	0.7	0.4	0.3	7.8	1.4	9.2
45291	45656	2044	2045	0.2	1.2	4.4	0.5	1.6	0.1	0.7	0.4	0.3	8.0	1.4	9.4
45656	46021	2045	2046	0.2	1.2	4.5	0.5	1.7	0.1	0.8	0.4	0.3	8.2	1.4	9.6
46021	46386	2046	2047	0.2	1.2	4.7	0.5	1.7	0.1	0.8	0.4	0.3	8.4	1.4	9.8
46386	46752	2047	2048	0.2	1.2	4.8	0.5	1.7	0.1	0.8	0.5	0.3	8.6	1.4	10.0
46752	47117	2048	2049	0.2	1.2	4.9	0.5	1.8	0.1	0.8	0.5	0.3	8.7	1.4	10.1
47117	47482	2049	2050	0.2	1.2	5.0	0.5	1.8	0.1	0.8	0.5	0.3	8.9	1.4	10.3
47482	47847	2050	2051	0.2	1.2	5.1	0.5	1.8	0.1	0.8	0.5	0.3	9.2	1.4	10.6
47847	48213	2051	2052	0.2	1.3	5.3	0.6	1.9	0.1	0.8	0.5	0.3	9.4	1.4	10.9
48213	48578	2052	2053	0.2	1.3	5.5	0.6	1.9	0.1	0.8	0.5	0.4	9.7	1.5	11.1
48578	48943	2053	2054	0.2	1.3	5.6	0.6	1.9	0.1	0.8	0.5	0.4	9.9	1.5	11.3
48943	49308	2054	2055	0.2	1.3	5.7	0.6	2.0	0.1	0.8	0.5	0.4	10.1	1.5	11.5
49308	49674	2055	2056	0.2	1.3	5.8	0.6	2.0	0.1	0.9	0.5	0.4	10.3	1.5	11.7
49674	50039	2056	2057	0.2	1.3	5.9	0.6	2.0	0.1	0.9	0.5	0.4	10.4	1.5	11.9
50039	50404	2057	2058	0.2	1.3	6.0	0.6	2.0	0.1	0.9	0.6	0.4	10.6	1.5	12.1
50404	50769	2058	2059	0.2	1.3	6.1	0.6	2.1	0.1	0.9	0.6	0.4	10.8	1.5	12.2
50769	51135	2059	2060	0.2	1.3	6.2	0.6	2.1	0.1	0.9	0.6	0.4	10.9	1.5	12.4
51135	51500	2060	2061	0.2	1.3	6.4	0.7	2.1	0.1	0.9	0.6	0.5	11.2	1.5	12.7
51500	51865	2061	2062	0.2	1.3	6.6	0.7	2.2	0.1	0.9	0.6	0.5	11.4	1.5	12.9
51865	52230	2062	2063	0.2	1.3	6.7	0.7	2.2	0.1	0.9	0.6	0.5	11.6	1.5	13.1
52230	52596	2063	2064	0.2	1.3	6.8	0.7	2.2	0.1	0.9	0.6	0.5	11.8	1.5	13.3
52596	52961	2064	2065	0.2	1.3	6.9	0.7	2.2	0.1	0.9	0.6	0.5	12.0	1.5	13.5
52961	53326	2065	2066	0.2	1.3	7.0	0.7	2.3	0.1	0.9	0.6	0.5	12.2	1.5	13.7
53326	53691	2066	2067	0.2	1.3	7.1	0.7	2.3	0.1	1.0	0.6	0.6	12.4	1.5	13.9

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	0.2	1.3	7.2	0.7	2.3	0.1	1.0	0.6	0.6	12.5	1.5	14.1
54057	54422	2068	2069	0.2	1.3	7.3	0.7	2.3	0.1	1.0	0.7	0.6	12.7	1.5	14.2
54422	54787	2069	2070	0.2	1.3	7.4	0.7	2.3	0.1	1.0	0.7	0.6	12.8	1.5	14.4
54787	55152	2070	2071	0.2	1.3	7.6	0.8	2.4	0.1	1.0	0.7	0.6	13.1	1.5	14.6
55152	55518	2071	2072	0.2	1.3	7.7	0.8	2.4	0.1	1.0	0.7	0.6	13.3	1.6	14.8
55518	55883	2072	2073	0.2	1.4	7.8	0.8	2.4	0.1	1.0	0.7	0.7	13.5	1.6	15.0
55883	56248	2073	2074	0.2	1.4	8.0	0.8	2.4	0.1	1.0	0.7	0.7	13.6	1.6	15.2
56248	56613	2074	2075	0.2	1.4	8.1	0.8	2.5	0.1	1.0	0.7	0.7	13.8	1.6	15.4
56613	56979	2075	2076	0.2	1.4	8.2	0.8	2.5	0.1	1.0	0.7	0.7	14.0	1.6	15.5
56979	57344	2076	2077	0.2	1.4	8.3	0.8	2.5	0.1	1.0	0.7	0.7	14.1	1.6	15.7
57344	57709	2077	2078	0.2	1.4	8.3	0.8	2.5	0.1	1.0	0.7	0.8	14.3	1.6	15.9
57709	58074	2078	2079	0.2	1.4	8.4	0.8	2.5	0.1	1.1	0.7	0.8	14.4	1.6	16.0
58074	58440	2079	2080	0.2	1.4	8.5	0.8	2.6	0.1	1.1	0.7	0.8	14.6	1.6	16.2
58440	58805	2080	2081	0.2	1.4	8.7	0.8	2.6	0.1	1.1	0.8	0.8	14.8	1.6	16.4
58805	59170	2081	2082	0.2	1.4	8.8	0.9	2.6	0.1	1.1	0.8	0.8	15.0	1.6	16.6
59170	59535	2082	2083	0.2	1.4	8.9	0.9	2.6	0.1	1.1	0.8	0.8	15.1	1.6	16.7
59535	59901	2083	2084	0.2	1.4	9.0	0.9	2.6	0.1	1.1	0.8	0.9	15.3	1.6	16.9
59901	60266	2084	2085	0.2	1.4	9.1	0.9	2.7	0.1	1.1	0.8	0.9	15.5	1.6	17.1
60266	60631	2085	2086	0.2	1.4	9.1	0.9	2.7	0.1	1.1	0.8	0.9	15.6	1.6	17.2
60631	60996	2086	2087	0.2	1.4	9.2	0.9	2.7	0.1	1.1	0.8	0.9	15.8	1.6	17.4
60996	61362	2087	2088	0.2	1.4	9.3	0.9	2.7	0.1	1.1	0.8	0.9	15.9	1.6	17.5
61362	61727	2088	2089	0.2	1.4	9.4	0.9	2.7	0.1	1.1	0.8	1.0	16.0	1.6	17.7
61727	62092	2089	2090	0.2	1.4	9.5	0.9	2.8	0.1	1.1	0.8	1.0	16.2	1.6	17.8
62092	62457	2090	2091	0.2	1.4	9.6	0.9	2.8	0.1	1.2	0.8	1.0	16.4	1.6	18.0
62457	62823	2091	2092	0.2	1.4	9.7	0.9	2.8	0.1	1.2	0.8	1.0	16.5	1.6	18.1
62823	63188	2092	2093	0.2	1.4	9.8	0.9	2.8	0.1	1.2	0.8	1.0	16.7	1.6	18.3
63188	63553	2093	2094	0.2	1.4	9.9	1.0	2.8	0.1	1.2	0.9	1.1	16.8	1.6	18.5
63553	63918	2094	2095	0.2	1.4	9.9	1.0	2.8	0.1	1.2	0.9	1.1	17.0	1.6	18.6
63918	64284	2095	2096	0.2	1.4	10.0	1.0	2.9	0.1	1.2	0.9	1.1	17.1	1.6	18.7
64284	64649	2096	2097	0.2	1.4	10.1	1.0	2.9	0.1	1.2	0.9	1.1	17.2	1.6	18.9
64649	65014	2097	2098	0.2	1.4	10.2	1.0	2.9	0.1	1.2	0.9	1.1	17.4	1.6	19.0
65014	65379	2098	2099	0.2	1.4	10.3	1.0	2.9	0.1	1.2	0.9	1.2	17.5	1.6	19.2
65379	65745	2099	2100	0.2	1.4	10.3	1.0	2.9	0.1	1.2	0.9	1.2	17.6	1.7	19.3
65745	66110	2100	2101	0.2	1.4	10.4	1.0	3.0	0.1	1.2	0.9	1.2	17.8	1.7	19.5
66110	66475	2101	2102	0.2	1.4	10.5	1.0	3.0	0.1	1.2	0.9	1.2	17.9	1.7	19.6
66475	66840	2102	2103	0.2	1.4	10.6	1.0	3.0	0.1	1.2	0.9	1.2	18.1	1.7	19.7
66840	67206	2103	2104	0.2	1.4	10.7	1.0	3.0	0.1	1.2	0.9	1.3	18.2	1.7	19.9
67206	67571	2104	2105	0.2	1.5	10.7	1.0	3.0	0.1	1.3	0.9	1.3	18.3	1.7	20.0
67571	67936	2105	2106	0.2	1.5	10.8	1.0	3.0	0.1	1.3	0.9	1.3	18.5	1.7	20.2
67936	68301	2106	2107	0.2	1.5	10.9	1.0	3.1	0.1	1.3	0.9	1.3	18.6	1.7	20.3
68301	68667	2107	2108	0.2	1.5	11.0	1.1	3.1	0.1	1.3	1.0	1.3	18.7	1.7	20.4
68667	69032	2108	2109	0.2	1.5	11.0	1.1	3.1	0.1	1.3	1.0	1.3	18.9	1.7	20.5
69032	69397	2109	2110	0.2	1.5	11.0	1.1	3.1	0.1	1.3	1.0	1.3	18.9	1.7	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	17	122	60	58	39	5	21	60	9	*252*	*139*	391
3652	*7305*	1930	1940	17	122	60	58	39	5	21	60	9	*252*	*139*	391
7305	*14610*	1940	1960	17	122	60	58	39	5	21	60	9	*252*	*139*	391
14610	*18263*	1960	1970	17	122	60	58	39	5	21	60	9	*252*	*139*	391
18263	*21915*	1970	1980	17	122	60	58	39	5	21	60	9	*252*	*139*	391
21915	*24837*	1980	1988	17	122	60	58	39	5	21	60	9	*252*	*139*	391
24837	*25202*	1988	1989	17	122	60	58	39	5	21	60	9	*252*	*139*	391
25202	*25567*	1989	1990	17	122	60	58	39	5	21	60	9	*252*	*139*	391
25567	*25932*	1990	1991	17	122	60	58	39	5	21	60	9	*252*	*139*	391
25932	*26298*	1991	1992	17	122	60	58	39	5	21	60	9	*252*	*139*	391
26298	*26663*	1992	1993	17	122	60	58	39	5	21	60	9	*252*	*139*	391
26663	*27028*	1993	1994	17	122	60	58	39	5	21	60	9	*252*	*139*	391
27028	*27393*	1994	1995	17	122	60	58	39	5	21	60	9	*252*	*139*	391
27393	*27759*	1995	1996	17	122	60	58	39	5	21	60	9	*252*	*139*	391
27759	*28124*	1996	1997	17	122	60	58	39	5	21	60	9	*252*	*139*	391
28124	*28489*	1997	1998	17	122	60	58	39	5	21	60	9	*252*	*139*	391
28489	*28854*	1998	1999	17	122	60	58	39	5	21	60	9	*252*	*139*	391
28854	*29220*	1999	2000	17	122	60	58	39	5	21	60	9	*252*	*139*	391
29220	*29585*	2000	2001	17	122	60	58	39	5	21	60	9	*252*	*139*	391
29585	*29950*	2001	2002	29	170	245	97	140	6	46	69	10	*612*	*199*	811
29950	*30315*	2002	2003	39	208	325	122	154	6	54	75	26	*762*	*246*	1008
30315	*30681*	2003	2004	44	244	369	139	159	6	57	80	40	*849*	*289*	1138
30681	*31046*	2004	2005	48	282	397	150	162	6	59	83	49	*906*	*330*	1236
31046	*31411*	2005	2006	50	320	416	158	163	6	60	85	56	*945*	*370*	1315
31411	*31776*	2006	2007	51	358	430	164	165	7	60	87	61	*974*	*410*	1384
31776	*32142*	2007	2008	53	395	441	169	166	7	61	88	66	*997*	*448*	1445
32142	*32507*	2008	2009	54	429	450	173	166	7	61	89	69	*1015*	*483*	1498
32507	*32872*	2009	2010	54	462	457	177	167	7	61	90	72	*1031*	*516*	1547
32872	*33237*	2010	2011	55	491	462	180	168	7	61	91	75	*1043*	*546*	1589
33237	*33603*	2011	2012	56	518	467	182	168	7	62	92	77	*1054*	*574*	1628
33603	*33968*	2012	2013	56	543	471	185	169	7	62	92	79	*1064*	*599*	1664
33968	*34333*	2013	2014	57	566	475	186	169	7	62	93	81	*1073*	*623*	1696
34333	*34698*	2014	2015	57	587	478	188	169	7	62	93	83	*1080*	*645*	1725
34698	*35064*	2015	2016	58	607	481	190	170	7	62	93	84	*1087*	*665*	1752
35064	*35429*	2016	2017	58	624	484	191	170	7	62	94	85	*1093*	*683*	1775
35429	*35794*	2017	2018	59	640	486	192	170	7	62	94	86	*1098*	*698*	1796
35794	*36159*	2018	2019	59	654	488	193	171	7	62	94	87	*1103*	*714*	1816
36159	*36525*	2019	2020	60	668	490	194	171	7	62	95	88	*1107*	*728*	1835
36525	*36890*	2020	2021	60	679	491	195	171	7	62	95	89	*1111*	*739*	1850
36890	*37255*	2021	2022	60	690	493	196	171	7	62	95	90	*1115*	*750*	1865
37255	*37620*	2022	2023	61	700	494	197	172	7	62	95	90	*1118*	*760*	1878
37620	*37986*	2023	2024	61	708	496	197	172	7	62	96	91	*1121*	*770*	1890
37986	*38351*	2024	2025	61	717	497	198	172	7	62	96	91	*1124*	*778*	1902

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	62	724	498	199	172	7	62	96	92	1126	786	1912
38716	39081	2026	2027	62	731	499	199	172	7	63	96	92	1129	793	1922
39081	39447	2027	2028	62	738	500	200	172	7	63	96	93	1131	801	1932
39447	39812	2028	2029	63	744	501	200	173	7	63	96	93	1134	807	1940
39812	40177	2029	2030	63	750	502	201	173	7	63	97	94	1136	813	1948
40177	40542	2030	2031	63	756	503	201	173	7	63	97	94	1138	819	1957
40542	40908	2031	2032	63	761	504	202	173	7	63	97	94	1140	824	1964
40908	41273	2032	2033	64	766	505	202	173	7	63	97	95	1142	829	1971
41273	41638	2033	2034	64	770	506	203	173	7	63	97	95	1143	834	1978
41638	42003	2034	2035	64	775	507	203	174	7	63	97	95	1145	839	1984
42003	42369	2035	2036	64	779	507	203	174	7	63	97	95	1147	843	1990
42369	42734	2036	2037	64	782	508	204	174	7	63	97	96	1148	846	1994
42734	43099	2037	2038	65	785	508	204	174	7	63	98	96	1149	850	1999
43099	43464	2038	2039	65	789	509	204	174	7	63	98	96	1151	854	2005
43464	43830	2039	2040	65	792	510	204	174	7	63	98	96	1152	857	2009
43830	44195	2040	2041	65	795	510	205	174	7	63	98	97	1154	860	2014
44195	44560	2041	2042	65	798	511	205	174	7	63	98	97	1155	863	2018
44560	44925	2042	2043	66	801	512	205	174	7	63	98	97	1156	866	2022
44925	45291	2043	2044	66	803	512	206	175	7	63	98	97	1157	869	2026
45291	45656	2044	2045	66	806	513	206	175	7	63	98	97	1158	872	2030
45656	46021	2045	2046	66	808	513	206	175	7	63	98	97	1159	874	2033
46021	46386	2046	2047	66	810	514	206	175	7	63	98	97	1160	876	2037
46386	46752	2047	2048	66	812	514	206	175	7	63	98	98	1161	879	2040
46752	47117	2048	2049	66	814	514	207	175	7	63	98	98	1162	881	2043
47117	47482	2049	2050	67	817	515	207	175	7	63	99	98	1163	883	2046
47482	47847	2050	2051	67	819	515	207	175	7	63	99	98	1164	885	2050
47847	48213	2051	2052	67	821	516	207	175	7	63	99	98	1165	887	2053
48213	48578	2052	2053	67	822	516	207	175	7	63	99	98	1166	889	2055
48578	48943	2053	2054	67	824	517	208	175	7	63	99	98	1167	891	2058
48943	49308	2054	2055	67	826	517	208	175	7	63	99	98	1168	893	2061
49308	49674	2055	2056	67	828	517	208	176	7	63	99	99	1169	895	2064
49674	50039	2056	2057	67	829	518	208	176	7	63	99	99	1169	896	2066
50039	50404	2057	2058	67	831	518	208	176	7	63	99	99	1170	898	2068
50404	50769	2058	2059	68	832	519	208	176	7	63	99	99	1171	900	2071
50769	51135	2059	2060	68	834	519	209	176	7	63	99	99	1172	901	2073
51135	51500	2060	2061	68	835	519	209	176	7	63	99	99	1172	903	2075
51500	51865	2061	2062	68	837	520	209	176	7	63	99	99	1173	904	2078
51865	52230	2062	2063	68	838	520	209	176	7	63	99	99	1174	906	2080
52230	52596	2063	2064	68	839	520	209	176	7	63	99	99	1174	907	2082
52596	52961	2064	2065	68	841	521	209	176	7	63	99	99	1175	909	2084
52961	53326	2065	2066	68	842	521	209	176	7	63	99	99	1176	910	2086
53326	53691	2066	2067	68	843	521	210	176	7	63	99	100	1176	911	2087

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	68	844	521	210	176	7	63	99	100	1177	912	2089
54057	54422	2068	2069	68	845	522	210	176	7	63	100	100	1177	913	2091
54422	54787	2069	2070	69	846	522	210	176	7	63	100	100	1178	915	2093
54787	55152	2070	2071	69	847	522	210	176	7	63	100	100	1178	916	2094
55152	55518	2071	2072	69	848	522	210	176	7	63	100	100	1179	917	2096
55518	55883	2072	2073	69	849	523	210	176	7	63	100	100	1179	918	2097
55883	56248	2073	2074	69	850	523	210	177	7	63	100	100	1180	919	2099
56248	56613	2074	2075	69	851	523	210	177	7	63	100	100	1181	920	2101
56613	56979	2075	2076	69	852	523	211	177	7	63	100	100	1181	921	2102
56979	57344	2076	2077	69	853	524	211	177	7	63	100	100	1182	922	2104
57344	57709	2077	2078	69	854	524	211	177	7	63	100	100	1182	923	2105
57709	58074	2078	2079	69	855	524	211	177	7	63	100	100	1183	924	2107
58074	58440	2079	2080	69	856	524	211	177	7	63	100	100	1183	925	2108
58440	58805	2080	2081	69	856	525	211	177	7	63	100	100	1183	926	2109
58805	59170	2081	2082	69	857	525	211	177	7	63	100	100	1184	926	2110
59170	59535	2082	2083	69	858	525	211	177	7	63	100	100	1184	927	2111
59535	59901	2083	2084	69	859	525	211	177	7	63	100	100	1184	928	2113
59901	60266	2084	2085	69	860	525	211	177	7	63	100	101	1185	929	2114
60266	60631	2085	2086	70	860	525	212	177	7	63	100	101	1185	930	2115
60631	60996	2086	2087	70	861	526	212	177	7	63	100	101	1186	930	2116
60996	61362	2087	2088	70	861	526	212	177	7	63	100	101	1186	931	2117
61362	61727	2088	2089	70	862	526	212	177	7	63	100	101	1186	932	2118
61727	62092	2089	2090	70	863	526	212	177	7	63	100	101	1186	932	2119
62092	62457	2090	2091	70	863	526	212	177	7	63	100	101	1187	933	2120
62457	62823	2091	2092	70	864	526	212	177	7	63	100	101	1187	933	2120
62823	63188	2092	2093	70	864	526	212	177	7	63	100	101	1187	934	2121
63188	63553	2093	2094	70	865	527	212	177	7	63	100	101	1188	934	2122
63553	63918	2094	2095	70	865	527	212	177	7	63	100	101	1188	935	2123
63918	64284	2095	2096	70	866	527	212	177	7	63	100	101	1188	936	2124
64284	64649	2096	2097	70	866	527	212	177	7	63	100	101	1188	936	2125
64649	65014	2097	2098	70	867	527	212	177	7	64	100	101	1189	937	2125
65014	65379	2098	2099	70	867	527	212	177	7	64	100	101	1189	937	2126
65379	65745	2099	2100	70	868	527	212	177	7	64	100	101	1189	938	2127
65745	66110	2100	2101	70	868	527	212	177	7	64	100	101	1189	938	2127
66110	66475	2101	2102	70	868	527	212	177	7	64	100	101	1190	939	2128
66475	66840	2102	2103	70	869	528	212	177	7	64	100	101	1190	939	2129
66840	67206	2103	2104	70	869	528	213	177	7	64	101	101	1190	940	2130
67206	67571	2104	2105	70	870	528	213	177	7	64	101	101	1190	940	2130
67571	67936	2105	2106	70	870	528	213	178	7	64	101	101	1190	940	2131
67936	68301	2106	2107	70	871	528	213	178	7	64	101	101	1191	941	2132
68301	68667	2107	2108	70	871	528	213	178	7	64	101	101	1191	941	2132
68667	69032	2108	2109	70	871	528	213	178	7	64	101	101	1191	942	2133
69032	69397	2109	2110	70	871	528	213	178	7	64	101	101	1191	942	2133

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	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
3652	*7305*	1930	1940	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
7305	*14610*	1940	1960	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
14610	*18263*	1960	1970	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
18263	*21915*	1970	1980	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
21915	*24837*	1980	1988	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
24837	*25202*	1988	1989	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
25202	*25567*	1989	1990	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
25567	*25932*	1990	1991	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
25932	*26298*	1991	1992	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
26298	*26663*	1992	1993	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
26663	*27028*	1993	1994	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
27028	*27393*	1994	1995	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
27393	*27759*	1995	1996	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
27759	*28124*	1996	1997	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
28124	*28489*	1997	1998	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
28489	*28854*	1998	1999	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
28854	*29220*	1999	2000	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
29220	*29585*	2000	2001	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
29585	*29950*	2001	2002	0.3	1.4	3.7	0.2	1.1	0.0	0.3	0.1	0.1	*5.5*	*1.7*	7.2
29950	*30315*	2002	2003	0.4	1.7	4.9	0.2	1.2	0.0	0.4	0.2	0.2	*7.1*	*2.0*	9.1
30315	*30681*	2003	2004	0.4	2.0	5.5	0.3	1.3	0.0	0.4	0.2	0.3	*7.9*	*2.4*	10.3
30681	*31046*	2004	2005	0.5	2.3	6.0	0.3	1.3	0.0	0.4	0.2	0.3	*8.5*	*2.7*	11.2
31046	*31411*	2005	2006	0.5	2.6	6.2	0.3	1.3	0.0	0.4	0.2	0.4	*8.9*	*3.1*	11.9
31411	*31776*	2006	2007	0.5	2.9	6.5	0.3	1.3	0.0	0.4	0.2	0.4	*9.1*	*3.4*	12.5
31776	*32142*	2007	2008	0.5	3.2	6.6	0.3	1.3	0.0	0.4	0.2	0.5	*9.4*	*3.7*	13.0
32142	*32507*	2008	2009	0.5	3.4	6.7	0.3	1.3	0.0	0.4	0.2	0.5	*9.5*	*4.0*	13.5
32507	*32872*	2009	2010	0.5	3.7	6.8	0.4	1.3	0.0	0.4	0.2	0.5	*9.7*	*4.2*	13.9
32872	*33237*	2010	2011	0.6	3.9	6.9	0.4	1.3	0.0	0.4	0.2	0.5	*9.8*	*4.5*	14.3
33237	*33603*	2011	2012	0.6	4.1	7.0	0.4	1.3	0.0	0.4	0.2	0.5	*9.9*	*4.7*	14.6
33603	*33968*	2012	2013	0.6	4.3	7.1	0.4	1.3	0.0	0.4	0.2	0.6	*10.0*	*4.9*	14.9
33968	*34333*	2013	2014	0.6	4.5	7.1	0.4	1.4	0.0	0.4	0.2	0.6	*10.0*	*5.1*	15.1
34333	*34698*	2014	2015	0.6	4.7	7.2	0.4	1.4	0.0	0.4	0.2	0.6	*10.1*	*5.3*	15.4
34698	*35064*	2015	2016	0.6	4.9	7.2	0.4	1.4	0.0	0.4	0.2	0.6	*10.2*	*5.4*	15.6
35064	*35429*	2016	2017	0.6	5.0	7.3	0.4	1.4	0.0	0.4	0.2	0.6	*10.2*	*5.6*	15.8
35429	*35794*	2017	2018	0.6	5.1	7.3	0.4	1.4	0.0	0.4	0.2	0.6	*10.3*	*5.7*	16.0
35794	*36159*	2018	2019	0.6	5.2	7.3	0.4	1.4	0.0	0.4	0.2	0.6	*10.3*	*5.8*	16.1
36159	*36525*	2019	2020	0.6	5.3	7.3	0.4	1.4	0.0	0.4	0.2	0.6	*10.4*	*5.9*	16.3
36525	*36890*	2020	2021	0.6	5.4	7.4	0.4	1.4	0.0	0.4	0.2	0.6	*10.4*	*6.0*	16.4
36890	*37255*	2021	2022	0.6	5.5	7.4	0.4	1.4	0.0	0.4	0.2	0.6	*10.4*	*6.1*	16.5
37255	*37620*	2022	2023	0.6	5.6	7.4	0.4	1.4	0.0	0.4	0.2	0.6	*10.5*	*6.2*	16.7
37620	*37986*	2023	2024	0.6	5.7	7.4	0.4	1.4	0.0	0.4	0.2	0.6	*10.5*	*6.3*	16.8
37986	*38351*	2024	2025	0.6	5.7	7.5	0.4	1.4	0.0	0.4	0.2	0.6	*10.5*	*6.3*	16.9

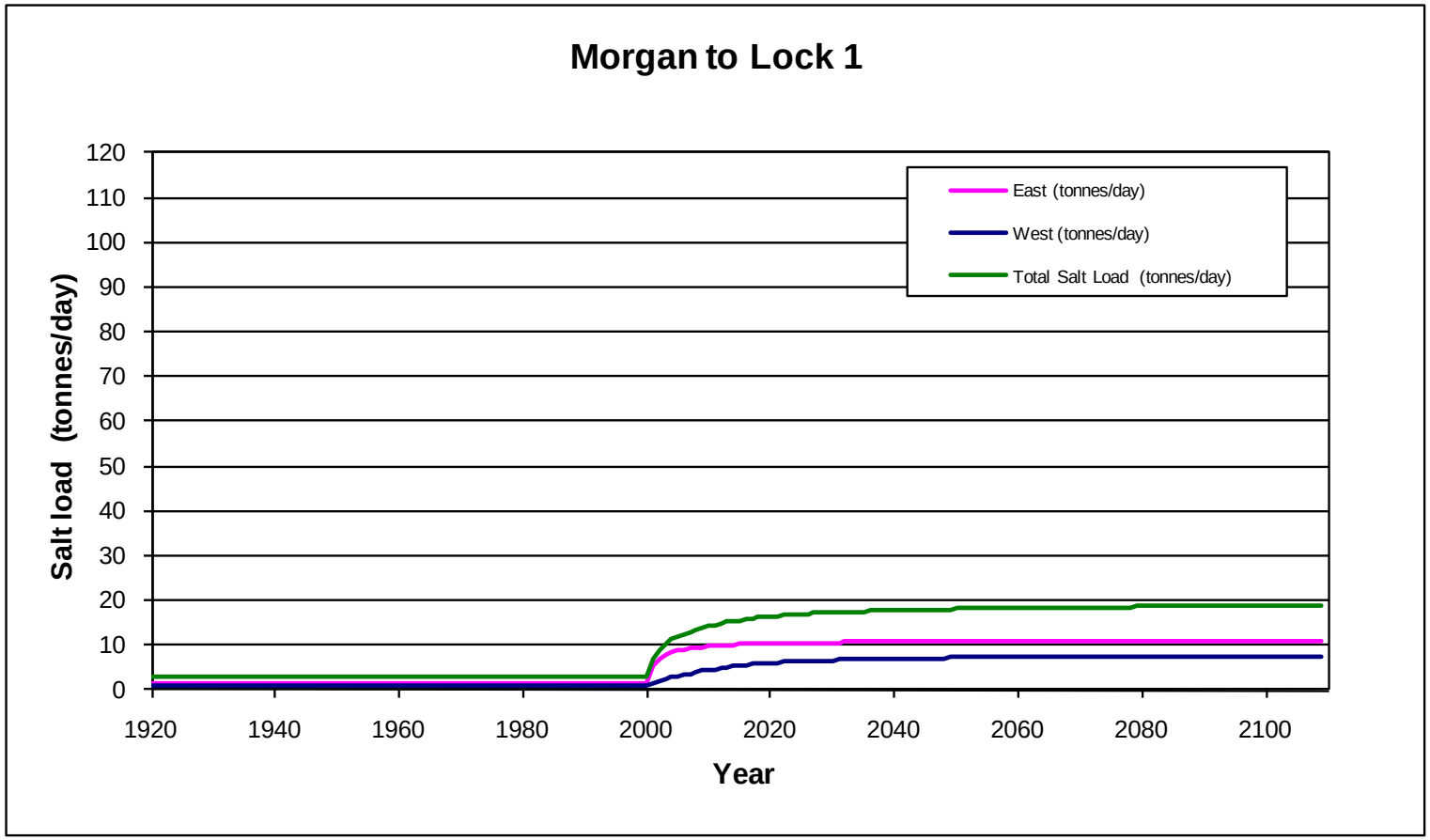
B-2(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 3a)

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	0.6	5.8	7.5	0.4	1.4	0.0	0.4	0.2	0.6	10.5	6.4	16.9
38716	39081	2026	2027	0.6	5.9	7.5	0.4	1.4	0.0	0.4	0.2	0.6	10.6	6.5	17.0
39081	39447	2027	2028	0.6	5.9	7.5	0.4	1.4	0.0	0.4	0.2	0.6	10.6	6.5	17.1
39447	39812	2028	2029	0.6	6.0	7.5	0.4	1.4	0.0	0.4	0.2	0.7	10.6	6.6	17.2
39812	40177	2029	2030	0.6	6.0	7.5	0.4	1.4	0.0	0.4	0.2	0.7	10.6	6.6	17.2
40177	40542	2030	2031	0.6	6.0	7.5	0.4	1.4	0.0	0.4	0.2	0.7	10.6	6.7	17.3
40542	40908	2031	2032	0.6	6.1	7.6	0.4	1.4	0.0	0.4	0.2	0.7	10.7	6.7	17.4
40908	41273	2032	2033	0.6	6.1	7.6	0.4	1.4	0.0	0.4	0.2	0.7	10.7	6.8	17.4
41273	41638	2033	2034	0.6	6.2	7.6	0.4	1.4	0.0	0.4	0.2	0.7	10.7	6.8	17.5
41638	42003	2034	2035	0.6	6.2	7.6	0.4	1.4	0.0	0.4	0.2	0.7	10.7	6.8	17.5
42003	42369	2035	2036	0.6	6.2	7.6	0.4	1.4	0.0	0.4	0.2	0.7	10.7	6.9	17.6
42369	42734	2036	2037	0.6	6.3	7.6	0.4	1.4	0.0	0.4	0.2	0.7	10.7	6.9	17.6
42734	43099	2037	2038	0.6	6.3	7.6	0.4	1.4	0.0	0.4	0.2	0.7	10.7	6.9	17.7
43099	43464	2038	2039	0.6	6.3	7.6	0.4	1.4	0.0	0.4	0.2	0.7	10.8	7.0	17.7
43464	43830	2039	2040	0.7	6.3	7.6	0.4	1.4	0.0	0.4	0.2	0.7	10.8	7.0	17.8
43830	44195	2040	2041	0.7	6.4	7.7	0.4	1.4	0.0	0.4	0.2	0.7	10.8	7.0	17.8
44195	44560	2041	2042	0.7	6.4	7.7	0.4	1.4	0.0	0.4	0.2	0.7	10.8	7.0	17.8
44560	44925	2042	2043	0.7	6.4	7.7	0.4	1.4	0.0	0.4	0.2	0.7	10.8	7.1	17.9
44925	45291	2043	2044	0.7	6.4	7.7	0.4	1.4	0.0	0.4	0.2	0.7	10.8	7.1	17.9
45291	45656	2044	2045	0.7	6.4	7.7	0.4	1.4	0.0	0.4	0.2	0.7	10.8	7.1	17.9
45656	46021	2045	2046	0.7	6.5	7.7	0.4	1.4	0.0	0.4	0.2	0.7	10.8	7.1	18.0
46021	46386	2046	2047	0.7	6.5	7.7	0.4	1.4	0.0	0.4	0.2	0.7	10.8	7.1	18.0
46386	46752	2047	2048	0.7	6.5	7.7	0.4	1.4	0.0	0.4	0.2	0.7	10.9	7.2	18.0
46752	47117	2048	2049	0.7	6.5	7.7	0.4	1.4	0.0	0.4	0.2	0.7	10.9	7.2	18.0
47117	47482	2049	2050	0.7	6.5	7.7	0.4	1.4	0.0	0.4	0.2	0.7	10.9	7.2	18.1
47482	47847	2050	2051	0.7	6.5	7.7	0.4	1.4	0.0	0.4	0.2	0.7	10.9	7.2	18.1
47847	48213	2051	2052	0.7	6.6	7.7	0.4	1.4	0.0	0.4	0.2	0.7	10.9	7.2	18.1
48213	48578	2052	2053	0.7	6.6	7.7	0.4	1.4	0.0	0.4	0.2	0.7	10.9	7.2	18.1
48578	48943	2053	2054	0.7	6.6	7.7	0.4	1.4	0.0	0.4	0.2	0.7	10.9	7.3	18.2
48943	49308	2054	2055	0.7	6.6	7.8	0.4	1.4	0.0	0.4	0.2	0.7	10.9	7.3	18.2
49308	49674	2055	2056	0.7	6.6	7.8	0.4	1.4	0.0	0.4	0.2	0.7	10.9	7.3	18.2
49674	50039	2056	2057	0.7	6.6	7.8	0.4	1.4	0.0	0.4	0.2	0.7	10.9	7.3	18.2
50039	50404	2057	2058	0.7	6.6	7.8	0.4	1.4	0.0	0.4	0.2	0.7	10.9	7.3	18.3
50404	50769	2058	2059	0.7	6.7	7.8	0.4	1.4	0.0	0.4	0.2	0.7	10.9	7.3	18.3
50769	51135	2059	2060	0.7	6.7	7.8	0.4	1.4	0.0	0.4	0.2	0.7	11.0	7.3	18.3
51135	51500	2060	2061	0.7	6.7	7.8	0.4	1.4	0.0	0.4	0.2	0.7	11.0	7.4	18.3
51500	51865	2061	2062	0.7	6.7	7.8	0.4	1.4	0.0	0.4	0.2	0.7	11.0	7.4	18.3
51865	52230	2062	2063	0.7	6.7	7.8	0.4	1.4	0.0	0.4	0.2	0.7	11.0	7.4	18.4
52230	52596	2063	2064	0.7	6.7	7.8	0.4	1.4	0.0	0.4	0.2	0.7	11.0	7.4	18.4
52596	52961	2064	2065	0.7	6.7	7.8	0.4	1.4	0.0	0.4	0.2	0.7	11.0	7.4	18.4
52961	53326	2065	2066	0.7	6.7	7.8	0.4	1.4	0.0	0.4	0.2	0.7	11.0	7.4	18.4
53326	53691	2066	2067	0.7	6.7	7.8	0.4	1.4	0.0	0.4	0.2	0.7	11.0	7.4	18.4

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	0.7	6.7	7.8	0.4	1.4	0.0	0.4	0.2	0.7	11.0	7.4	18.4
54057	54422	2068	2069	0.7	6.8	7.8	0.4	1.4	0.0	0.4	0.2	0.7	11.0	7.4	18.5
54422	54787	2069	2070	0.7	6.8	7.8	0.4	1.4	0.0	0.4	0.2	0.7	11.0	7.5	18.5
54787	55152	2070	2071	0.7	6.8	7.8	0.4	1.4	0.0	0.4	0.2	0.7	11.0	7.5	18.5
55152	55518	2071	2072	0.7	6.8	7.8	0.4	1.4	0.0	0.4	0.2	0.7	11.0	7.5	18.5
55518	55883	2072	2073	0.7	6.8	7.8	0.4	1.4	0.0	0.4	0.2	0.7	11.0	7.5	18.5
55883	56248	2073	2074	0.7	6.8	7.8	0.4	1.4	0.0	0.4	0.2	0.7	11.0	7.5	18.5
56248	56613	2074	2075	0.7	6.8	7.8	0.4	1.4	0.0	0.4	0.2	0.7	11.0	7.5	18.5
56613	56979	2075	2076	0.7	6.8	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.0	7.5	18.6
56979	57344	2076	2077	0.7	6.8	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.0	7.5	18.6
57344	57709	2077	2078	0.7	6.8	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.5	18.6
57709	58074	2078	2079	0.7	6.8	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.5	18.6
58074	58440	2079	2080	0.7	6.8	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.5	18.6
58440	58805	2080	2081	0.7	6.9	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.5	18.6
58805	59170	2081	2082	0.7	6.9	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.6	18.6
59170	59535	2082	2083	0.7	6.9	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.6	18.6
59535	59901	2083	2084	0.7	6.9	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.6	18.6
59901	60266	2084	2085	0.7	6.9	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.6	18.7
60266	60631	2085	2086	0.7	6.9	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.6	18.7
60631	60996	2086	2087	0.7	6.9	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.6	18.7
60996	61362	2087	2088	0.7	6.9	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.6	18.7
61362	61727	2088	2089	0.7	6.9	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.6	18.7
61727	62092	2089	2090	0.7	6.9	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.6	18.7
62092	62457	2090	2091	0.7	6.9	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.6	18.7
62457	62823	2091	2092	0.7	6.9	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.6	18.7
62823	63188	2092	2093	0.7	6.9	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.6	18.7
63188	63553	2093	2094	0.7	6.9	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.6	18.7
63553	63918	2094	2095	0.7	6.9	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.6	18.7
63918	64284	2095	2096	0.7	6.9	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.6	18.7
64284	64649	2096	2097	0.7	6.9	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.6	18.7
64649	65014	2097	2098	0.7	6.9	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.6	18.7
65014	65379	2098	2099	0.7	6.9	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.6	18.8
65379	65745	2099	2100	0.7	6.9	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.6	18.8
65745	66110	2100	2101	0.7	6.9	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.6	18.8
66110	66475	2101	2102	0.7	6.9	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.6	18.8
66475	66840	2102	2103	0.7	7.0	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.7	18.8
66840	67206	2103	2104	0.7	7.0	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.7	18.8
67206	67571	2104	2105	0.7	7.0	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.7	18.8
67571	67936	2105	2106	0.7	7.0	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.7	18.8
67936	68301	2106	2107	0.7	7.0	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.7	18.8
68301	68667	2107	2108	0.7	7.0	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.7	18.8
68667	69032	2108	2109	0.7	7.0	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.7	18.8
69032	69397	2109	2110	0.7	7.0	7.9	0.4	1.4	0.0	0.4	0.2	0.7	11.1	7.7	18.8
	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	17	122	60	58	39	5	21	60	9	252	139	391
3652	7305	1930	1940	17	122	60	58	39	5	21	60	9	252	139	391
7305	14610	1940	1960	17	122	60	58	39	5	21	60	9	252	139	391
14610	18263	1960	1970	17	122	60	58	39	5	21	60	9	252	139	391
18263	21915	1970	1980	17	122	60	58	39	5	21	60	9	252	139	391
21915	24837	1980	1988	17	122	60	58	39	5	21	60	9	252	139	391
24837	25202	1988	1989	17	122	60	58	39	5	21	60	9	252	139	391
25202	25567	1989	1990	17	122	60	58	39	5	21	60	9	252	139	391
25567	25932	1990	1991	17	122	60	58	39	5	21	60	9	252	139	391
25932	26298	1991	1992	17	122	60	58	39	5	21	60	9	252	139	391
26298	26663	1992	1993	17	122	60	58	39	5	21	60	9	252	139	391
26663	27028	1993	1994	17	122	60	58	39	5	21	60	9	252	139	391
27028	27393	1994	1995	17	122	60	58	39	5	21	60	9	252	139	391
27393	27759	1995	1996	17	122	60	58	39	5	21	60	9	252	139	391
27759	28124	1996	1997	17	122	60	58	39	5	21	60	9	252	139	391
28124	28489	1997	1998	17	122	60	58	39	5	21	60	9	252	139	391
28489	28854	1998	1999	17	122	60	58	39	5	21	60	9	252	139	391
28854	29220	1999	2000	17	122	60	58	39	5	21	60	9	252	139	391
29220	29585	2000	2001	17	122	60	58	39	5	21	60	9	252	139	391
29585	29950	2001	2002	29	170	244	97	140	6	46	68	10	611	199	810
29950	30315	2002	2003	38	205	314	120	148	6	53	75	24	740	243	983
30315	30681	2003	2004	42	236	344	133	147	6	54	78	34	796	279	1075
30681	31046	2004	2005	44	267	355	140	143	6	53	80	38	815	312	1127
31046	31411	2005	2006	45	297	355	143	138	6	52	81	39	815	342	1156
31411	31776	2006	2007	44	324	350	143	132	6	51	82	38	802	368	1170
31776	32142	2007	2008	43	347	340	143	126	6	49	82	35	781	390	1171
32142	32507	2008	2009	42	363	317	138	114	6	46	81	30	733	405	1138
32507	32872	2009	2010	40	379	309	136	113	6	45	80	27	715	419	1134
32872	33237	2010	2011	40	391	305	135	112	6	44	80	25	708	431	1139
33237	33603	2011	2012	40	400	303	135	112	6	44	80	25	704	440	1145
33603	33968	2012	2013	40	409	302	135	112	6	44	80	24	703	448	1151
33968	34333	2013	2014	40	416	302	135	112	6	44	80	24	702	456	1158
34333	34698	2014	2015	40	422	301	135	112	6	44	80	24	702	462	1164
34698	35064	2015	2016	40	428	301	135	112	6	44	80	24	702	468	1171
35064	35429	2016	2017	40	434	302	135	112	6	44	80	24	703	474	1177
35429	35794	2017	2018	40	439	302	135	112	6	44	80	24	704	479	1182
35794	36159	2018	2019	40	443	302	135	113	6	44	80	24	704	483	1187
36159	36525	2019	2020	40	447	303	136	113	6	44	80	24	705	487	1193
36525	36890	2020	2021	41	450	303	136	113	6	44	80	25	706	491	1197
36890	37255	2021	2022	41	454	303	136	113	6	44	80	25	707	495	1201
37255	37620	2022	2023	41	456	304	136	113	6	44	80	25	707	497	1204
37620	37986	2023	2024	41	459	304	136	113	6	44	80	25	708	500	1207
37986	38351	2024	2025	41	461	304	136	113	6	44	80	25	708	502	1210

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	41	462	304	137	113	6	44	80	25	709	503	1212
38716	39081	2026	2027	41	464	305	137	113	6	44	80	25	709	505	1214
39081	39447	2027	2028	41	465	305	137	113	6	44	80	25	710	507	1217
39447	39812	2028	2029	41	467	305	137	113	6	44	80	25	710	508	1219
39812	40177	2029	2030	41	469	305	137	113	6	44	80	25	711	510	1221
40177	40542	2030	2031	41	471	306	137	113	6	44	80	25	712	512	1224
40542	40908	2031	2032	42	472	306	137	113	6	44	80	25	712	514	1226
40908	41273	2032	2033	42	474	306	137	113	6	44	80	25	713	515	1228
41273	41638	2033	2034	42	475	306	137	113	6	44	81	25	713	517	1230
41638	42003	2034	2035	42	476	306	138	113	6	44	81	25	713	518	1231
42003	42369	2035	2036	42	477	307	138	113	6	44	81	25	714	519	1233
42369	42734	2036	2037	42	479	307	138	113	6	44	81	25	714	521	1235
42734	43099	2037	2038	42	479	307	138	113	6	44	81	25	714	521	1235
43099	43464	2038	2039	42	479	307	138	113	6	44	81	26	715	521	1236
43464	43830	2039	2040	42	479	307	138	114	6	44	81	26	715	521	1236
43830	44195	2040	2041	42	480	307	138	114	6	44	81	26	715	522	1236
44195	44560	2041	2042	42	480	307	138	114	6	44	81	26	715	522	1237
44560	44925	2042	2043	42	480	307	138	114	6	44	81	26	715	522	1237
44925	45291	2043	2044	42	481	307	138	114	6	44	81	26	715	523	1238
45291	45656	2044	2045	42	481	307	138	114	6	44	81	26	715	523	1238
45656	46021	2045	2046	42	481	307	138	114	6	44	81	26	715	523	1238
46021	46386	2046	2047	42	481	307	138	114	6	44	81	26	715	523	1239
46386	46752	2047	2048	42	482	307	138	114	6	44	81	26	715	524	1239
46752	47117	2048	2049	42	482	307	138	114	6	44	81	26	716	524	1240
47117	47482	2049	2050	42	482	307	138	114	6	44	81	26	716	524	1240
47482	47847	2050	2051	42	483	308	138	114	6	44	81	26	716	525	1240
47847	48213	2051	2052	42	483	308	138	114	6	44	81	26	716	525	1241
48213	48578	2052	2053	42	483	308	138	114	6	44	81	26	716	525	1241
48578	48943	2053	2054	42	483	308	138	114	6	44	81	26	716	526	1242
48943	49308	2054	2055	42	484	308	138	114	6	44	81	26	716	526	1242
49308	49674	2055	2056	42	484	308	138	114	6	44	81	26	716	526	1242
49674	50039	2056	2057	42	484	308	138	114	6	44	81	26	716	526	1243
50039	50404	2057	2058	42	484	308	138	114	6	44	81	26	716	527	1243
50404	50769	2058	2059	42	485	308	138	114	6	44	81	26	717	527	1243
50769	51135	2059	2060	42	485	308	138	114	6	44	81	26	717	527	1244
51135	51500	2060	2061	42	485	308	138	114	6	44	81	26	717	527	1244
51500	51865	2061	2062	42	485	308	138	114	6	44	81	26	717	528	1245
51865	52230	2062	2063	42	486	308	138	114	6	44	81	26	717	528	1245
52230	52596	2063	2064	42	486	308	138	114	6	44	81	26	717	528	1245
52596	52961	2064	2065	42	486	308	138	114	6	44	81	26	717	529	1246
52961	53326	2065	2066	42	486	308	138	114	6	44	81	26	717	529	1246
53326	53691	2066	2067	42	487	308	138	114	6	44	81	26	717	529	1246

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	42	487	308	138	114	6	44	81	26	717	529	1247
54057	54422	2068	2069	42	487	308	139	114	6	44	81	26	718	530	1247
54422	54787	2069	2070	42	487	308	139	114	6	44	81	26	718	530	1247
54787	55152	2070	2071	42	488	308	139	114	6	44	81	26	718	530	1248
55152	55518	2071	2072	42	488	309	139	114	6	44	81	26	718	530	1248
55518	55883	2072	2073	42	488	309	139	114	6	44	81	26	718	531	1249
55883	56248	2073	2074	42	488	309	139	114	6	44	81	26	718	531	1249
56248	56613	2074	2075	42	489	309	139	114	6	44	81	26	718	531	1249
56613	56979	2075	2076	42	489	309	139	114	6	44	81	26	718	531	1250
56979	57344	2076	2077	43	489	309	139	114	6	44	81	26	718	532	1250
57344	57709	2077	2078	43	489	309	139	114	6	44	81	26	718	532	1250
57709	58074	2078	2079	43	490	309	139	114	6	44	81	26	719	532	1251
58074	58440	2079	2080	43	490	309	139	114	6	44	81	26	719	532	1251
58440	58805	2080	2081	43	490	309	139	114	6	44	81	26	719	533	1251
58805	59170	2081	2082	43	490	309	139	114	6	44	81	26	719	533	1252
59170	59535	2082	2083	43	490	309	139	114	6	44	81	26	719	533	1252
59535	59901	2083	2084	43	491	309	139	114	6	44	81	26	719	533	1252
59901	60266	2084	2085	43	491	309	139	114	6	44	81	26	719	533	1253
60266	60631	2085	2086	43	491	309	139	114	6	44	81	26	719	534	1253
60631	60996	2086	2087	43	491	309	139	114	6	44	81	26	719	534	1253
60996	61362	2087	2088	43	492	309	139	114	6	44	81	26	719	534	1254
61362	61727	2088	2089	43	492	309	139	114	6	44	81	26	719	534	1254
61727	62092	2089	2090	43	492	309	139	114	6	44	81	26	720	535	1254
62092	62457	2090	2091	43	492	309	139	114	6	44	81	26	720	535	1255
62457	62823	2091	2092	43	492	309	139	114	6	44	81	26	720	535	1255
62823	63188	2092	2093	43	493	309	139	114	6	44	81	26	720	535	1255
63188	63553	2093	2094	43	493	310	139	114	6	44	81	26	720	536	1255
63553	63918	2094	2095	43	493	310	139	114	6	44	81	26	720	536	1256
63918	64284	2095	2096	43	493	310	139	114	6	44	81	26	720	536	1256
64284	64649	2096	2097	43	493	310	139	114	6	44	81	26	720	536	1256
64649	65014	2097	2098	43	494	310	139	114	6	44	81	26	720	536	1257
65014	65379	2098	2099	43	494	310	139	114	6	44	81	26	720	537	1257
65379	65745	2099	2100	43	494	310	139	114	6	44	81	26	720	537	1257
65745	66110	2100	2101	43	494	310	139	114	6	44	81	26	720	537	1258
66110	66475	2101	2102	43	495	310	139	114	6	44	81	26	721	537	1258
66475	66840	2102	2103	43	495	310	139	114	6	44	81	26	721	538	1258
66840	67206	2103	2104	43	495	310	139	114	6	44	81	26	721	538	1259
67206	67571	2104	2105	43	495	310	139	114	6	44	81	26	721	538	1259
67571	67936	2105	2106	43	495	310	139	114	6	44	81	26	721	538	1259
67936	68301	2106	2107	43	496	310	139	114	6	44	81	26	721	538	1259
68301	68667	2107	2108	43	496	310	139	114	6	44	81	26	721	539	1260
68667	69032	2108	2109	43	496	310	139	114	6	44	81	26	721	539	1260
69032	69397	2109	2110	43	496	310	139	114	6	44	81	26	721	539	1260

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	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
3652	*7305*	1930	1940	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
7305	*14610*	1940	1960	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
14610	*18263*	1960	1970	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
18263	*21915*	1970	1980	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
21915	*24837*	1980	1988	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
24837	*25202*	1988	1989	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
25202	*25567*	1989	1990	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
25567	*25932*	1990	1991	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
25932	*26298*	1991	1992	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
26298	*26663*	1992	1993	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
26663	*27028*	1993	1994	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
27028	*27393*	1994	1995	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
27393	*27759*	1995	1996	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
27759	*28124*	1996	1997	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
28124	*28489*	1997	1998	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
28489	*28854*	1998	1999	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
28854	*29220*	1999	2000	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
29220	*29585*	2000	2001	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
29585	*29950*	2001	2002	0.3	1.4	3.7	0.2	1.1	0.0	0.3	0.1	0.1	*5.5*	*1.6*	7.2
29950	*30315*	2002	2003	0.4	1.6	4.7	0.2	1.2	0.0	0.4	0.1	0.2	*6.8*	*2.0*	8.9
30315	*30681*	2003	2004	0.4	1.9	5.2	0.3	1.2	0.0	0.4	0.2	0.2	*7.4*	*2.3*	9.7
30681	*31046*	2004	2005	0.4	2.1	5.3	0.3	1.1	0.0	0.4	0.2	0.3	*7.6*	*2.6*	10.1
31046	*31411*	2005	2006	0.4	2.4	5.3	0.3	1.1	0.0	0.4	0.2	0.3	*7.5*	*2.8*	10.4
31411	*31776*	2006	2007	0.4	2.6	5.2	0.3	1.1	0.0	0.4	0.2	0.3	*7.4*	*3.0*	10.4
31776	*32142*	2007	2008	0.4	2.8	5.1	0.3	1.0	0.0	0.3	0.2	0.2	*7.2*	*3.2*	10.4
32142	*32507*	2008	2009	0.4	2.9	4.8	0.3	0.9	0.0	0.3	0.2	0.2	*6.7*	*3.3*	10.0
32507	*32872*	2009	2010	0.4	3.0	4.6	0.3	0.9	0.0	0.3	0.2	0.2	*6.5*	*3.4*	9.9
32872	*33237*	2010	2011	0.4	3.1	4.6	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*3.5*	9.9
33237	*33603*	2011	2012	0.4	3.2	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*3.6*	10.0
33603	*33968*	2012	2013	0.4	3.3	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.3*	*3.7*	10.0
33968	*34333*	2013	2014	0.4	3.3	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.3*	*3.7*	10.1
34333	*34698*	2014	2015	0.4	3.4	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.3*	*3.8*	10.1
34698	*35064*	2015	2016	0.4	3.4	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.3*	*3.8*	10.2
35064	*35429*	2016	2017	0.4	3.5	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.3*	*3.9*	10.2
35429	*35794*	2017	2018	0.4	3.5	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.3*	*3.9*	10.3
35794	*36159*	2018	2019	0.4	3.5	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*3.9*	10.3
36159	*36525*	2019	2020	0.4	3.6	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*4.0*	10.3
36525	*36890*	2020	2021	0.4	3.6	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*4.0*	10.4
36890	*37255*	2021	2022	0.4	3.6	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*4.0*	10.4
37255	*37620*	2022	2023	0.4	3.6	4.6	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*4.1*	10.4
37620	*37986*	2023	2024	0.4	3.7	4.6	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*4.1*	10.5
37986	*38351*	2024	2025	0.4	3.7	4.6	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*4.1*	10.5

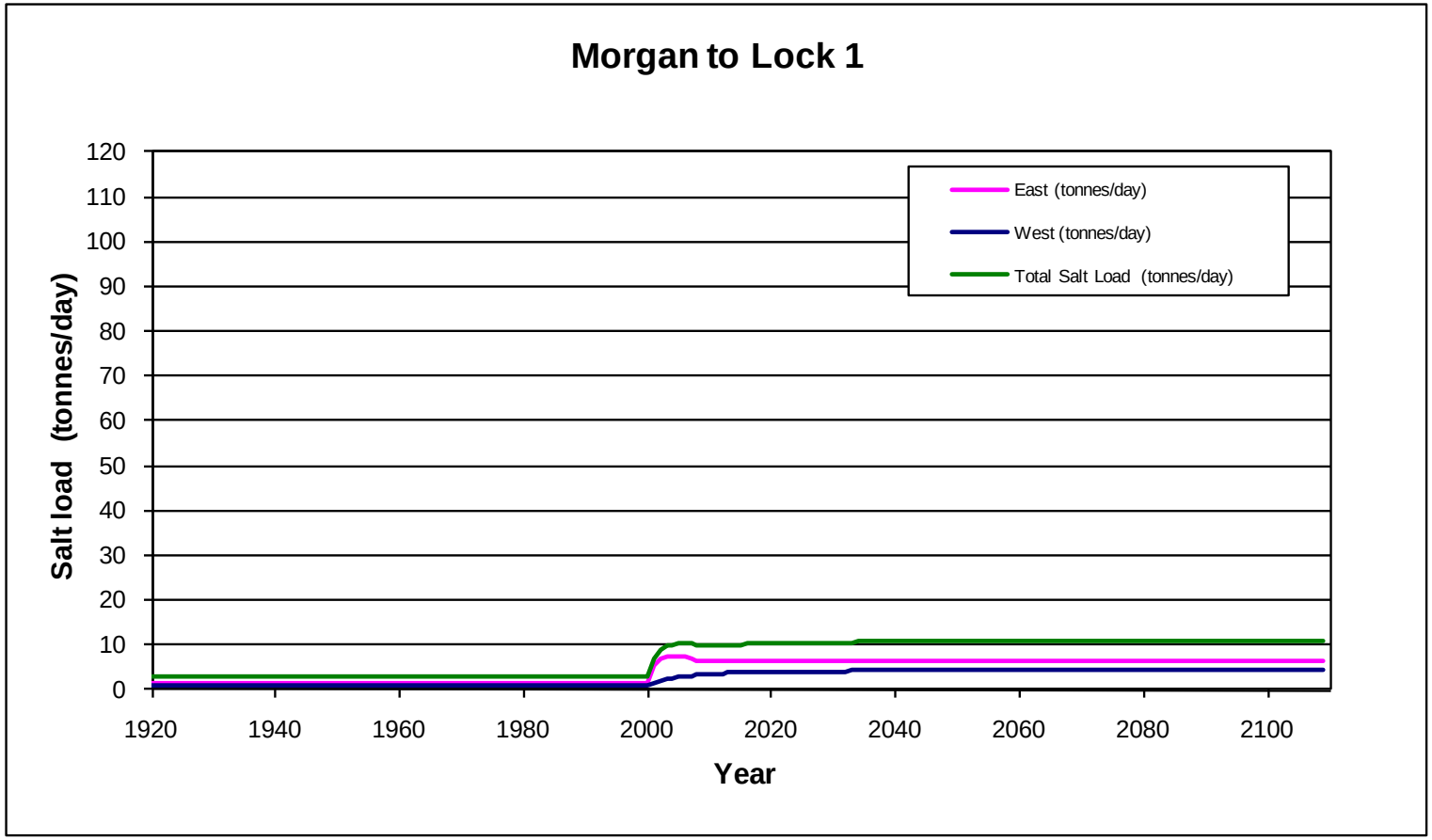
B-2(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 3b)

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	0.4	3.7	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.1	10.5
38716	39081	2026	2027	0.4	3.7	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.1	10.5
39081	39447	2027	2028	0.4	3.7	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.1	10.5
39447	39812	2028	2029	0.4	3.7	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.1	10.6
39812	40177	2029	2030	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.2	10.6
40177	40542	2030	2031	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.2	10.6
40542	40908	2031	2032	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.2	10.6
40908	41273	2032	2033	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.2	10.6
41273	41638	2033	2034	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.2	10.6
41638	42003	2034	2035	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.2	10.7
42003	42369	2035	2036	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.2	10.7
42369	42734	2036	2037	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.2	10.7
42734	43099	2037	2038	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.3	10.7
43099	43464	2038	2039	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.3	10.7
43464	43830	2039	2040	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.3	10.7
43830	44195	2040	2041	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.3	10.7
44195	44560	2041	2042	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
44560	44925	2042	2043	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
44925	45291	2043	2044	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
45291	45656	2044	2045	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
45656	46021	2045	2046	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
46021	46386	2046	2047	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
46386	46752	2047	2048	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
46752	47117	2048	2049	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
47117	47482	2049	2050	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
47482	47847	2050	2051	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
47847	48213	2051	2052	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
48213	48578	2052	2053	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
48578	48943	2053	2054	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
48943	49308	2054	2055	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
49308	49674	2055	2056	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
49674	50039	2056	2057	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
50039	50404	2057	2058	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
50404	50769	2058	2059	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
50769	51135	2059	2060	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
51135	51500	2060	2061	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
51500	51865	2061	2062	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
51865	52230	2062	2063	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
52230	52596	2063	2064	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
52596	52961	2064	2065	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
52961	53326	2065	2066	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
53326	53691	2066	2067	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	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)
53691	54057	2067	2068	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
54057	54422	2068	2069	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
54422	54787	2069	2070	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
54787	55152	2070	2071	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
55152	55518	2071	2072	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
55518	55883	2072	2073	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
55883	56248	2073	2074	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
56248	56613	2074	2075	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
56613	56979	2075	2076	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
56979	57344	2076	2077	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
57344	57709	2077	2078	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
57709	58074	2078	2079	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
58074	58440	2079	2080	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
58440	58805	2080	2081	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
58805	59170	2081	2082	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
59170	59535	2082	2083	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
59535	59901	2083	2084	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.8
59901	60266	2084	2085	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.8
60266	60631	2085	2086	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.8
60631	60996	2086	2087	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.8
60996	61362	2087	2088	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
61362	61727	2088	2089	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
61727	62092	2089	2090	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
62092	62457	2090	2091	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
62457	62823	2091	2092	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
62823	63188	2092	2093	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
63188	63553	2093	2094	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
63553	63918	2094	2095	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
63918	64284	2095	2096	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
64284	64649	2096	2097	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
64649	65014	2097	2098	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
65014	65379	2098	2099	0.4	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
65379	65745	2099	2100	0.4	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
65745	66110	2100	2101	0.4	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
66110	66475	2101	2102	0.4	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
66475	66840	2102	2103	0.4	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
66840	67206	2103	2104	0.4	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
67206	67571	2104	2105	0.4	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
67571	67936	2105	2106	0.4	4.0	4.7	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
67936	68301	2106	2107	0.4	4.0	4.7	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
68301	68667	2107	2108	0.4	4.0	4.7	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
68667	69032	2108	2109	0.4	4.0	4.7	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
69032	69397	2109	2110	0.4	4.0	4.7	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
	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	17	122	60	58	39	5	21	60	9	252	139	391
3652	7305	1930	1940	17	122	60	58	39	5	21	60	9	252	139	391
7305	14610	1940	1960	17	122	60	58	39	5	21	60	9	252	139	391
14610	18263	1960	1970	17	122	60	58	39	5	21	60	9	252	139	391
18263	21915	1970	1980	17	122	60	58	39	5	21	60	9	252	139	391
21915	24837	1980	1988	17	122	60	58	39	5	21	60	9	252	139	391
24837	25202	1988	1989	17	122	60	58	39	5	21	60	9	252	139	391
25202	25567	1989	1990	17	122	60	58	39	5	21	60	9	252	139	391
25567	25932	1990	1991	17	122	60	58	39	5	21	60	9	252	139	391
25932	26298	1991	1992	17	122	60	58	39	5	21	60	9	252	139	391
26298	26663	1992	1993	17	122	60	58	39	5	21	60	9	252	139	391
26663	27028	1993	1994	17	122	60	58	39	5	21	60	9	252	139	391
27028	27393	1994	1995	17	122	60	58	39	5	21	60	9	252	139	391
27393	27759	1995	1996	17	122	60	58	39	5	21	60	9	252	139	391
27759	28124	1996	1997	17	122	60	58	39	5	21	60	9	252	139	391
28124	28489	1997	1998	17	122	60	58	39	5	21	60	9	252	139	391
28489	28854	1998	1999	17	122	60	58	39	5	21	60	9	252	139	391
28854	29220	1999	2000	17	122	60	58	39	5	21	60	9	252	139	391
29220	29585	2000	2001	17	122	60	58	39	5	21	60	9	252	139	391
29585	29950	2001	2002	29	170	244	97	140	6	46	68	10	612	199	811
29950	30315	2002	2003	38	205	314	120	148	6	53	75	24	740	243	983
30315	30681	2003	2004	43	237	344	133	147	6	54	78	34	796	279	1075
30681	31046	2004	2005	44	268	355	140	143	6	53	80	38	816	312	1128
31046	31411	2005	2006	45	297	356	143	138	6	52	81	39	815	342	1157
31411	31776	2006	2007	44	324	350	143	132	6	51	82	38	802	368	1170
31776	32142	2007	2008	43	347	340	143	126	6	49	82	35	781	390	1171
32142	32507	2008	2009	42	364	317	138	114	6	46	81	30	733	405	1138
32507	32872	2009	2010	40	379	308	136	113	6	45	80	27	715	419	1134
32872	33237	2010	2011	40	392	304	135	112	6	44	80	25	707	432	1139
33237	33603	2011	2012	40	403	303	135	112	6	44	80	25	704	443	1147
33603	33968	2012	2013	40	412	302	135	112	6	44	80	24	702	452	1154
33968	34333	2013	2014	40	420	301	135	112	6	44	80	24	702	459	1161
34333	34698	2014	2015	40	427	301	135	112	6	44	80	24	702	467	1169
34698	35064	2015	2016	40	432	302	135	112	6	44	80	24	703	472	1175
35064	35429	2016	2017	40	438	302	135	112	6	44	80	24	703	478	1181
35429	35794	2017	2018	40	442	302	135	113	6	44	80	24	704	483	1187
35794	36159	2018	2019	40	447	303	136	113	6	44	80	24	705	488	1193
36159	36525	2019	2020	41	451	303	136	113	6	44	80	25	706	492	1198
36525	36890	2020	2021	41	454	303	136	113	6	44	80	25	707	495	1202
36890	37255	2021	2022	41	457	304	136	113	6	44	80	25	707	498	1205
37255	37620	2022	2023	41	459	304	136	113	6	44	80	25	708	500	1208
37620	37986	2023	2024	41	461	304	136	113	6	44	80	25	709	502	1211
37986	38351	2024	2025	41	463	304	137	113	6	44	80	25	709	504	1213

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	41	465	305	137	113	6	44	80	25	710	506	1216
38716	39081	2026	2027	41	467	305	137	113	6	44	80	25	710	508	1219
39081	39447	2027	2028	41	469	305	137	113	6	44	80	25	711	510	1221
39447	39812	2028	2029	42	471	306	137	113	6	44	80	25	712	512	1224
39812	40177	2029	2030	42	472	306	137	113	6	44	80	25	712	514	1226
40177	40542	2030	2031	42	474	306	137	113	6	44	80	25	713	515	1228
40542	40908	2031	2032	42	475	306	137	113	6	44	81	25	713	517	1230
40908	41273	2032	2033	42	476	306	138	113	6	44	81	25	713	518	1231
41273	41638	2033	2034	42	478	307	138	113	6	44	81	25	714	519	1233
41638	42003	2034	2035	42	478	307	138	113	6	44	81	25	714	520	1234
42003	42369	2035	2036	42	478	307	138	113	6	44	81	25	714	520	1234
42369	42734	2036	2037	42	479	307	138	113	6	44	81	25	714	521	1235
42734	43099	2037	2038	42	479	307	138	113	6	44	81	25	714	521	1235
43099	43464	2038	2039	42	479	307	138	114	6	44	81	26	715	521	1236
43464	43830	2039	2040	42	480	307	138	114	6	44	81	26	715	521	1236
43830	44195	2040	2041	42	480	307	138	114	6	44	81	26	715	522	1237
44195	44560	2041	2042	42	480	307	138	114	6	44	81	26	715	522	1237
44560	44925	2042	2043	42	480	307	138	114	6	44	81	26	715	522	1237
44925	45291	2043	2044	42	481	307	138	114	6	44	81	26	715	523	1238
45291	45656	2044	2045	42	481	307	138	114	6	44	81	26	715	523	1238
45656	46021	2045	2046	42	481	307	138	114	6	44	81	26	715	523	1239
46021	46386	2046	2047	42	481	307	138	114	6	44	81	26	715	524	1239
46386	46752	2047	2048	42	482	307	138	114	6	44	81	26	715	524	1239
46752	47117	2048	2049	42	482	307	138	114	6	44	81	26	716	524	1240
47117	47482	2049	2050	42	482	307	138	114	6	44	81	26	716	524	1240
47482	47847	2050	2051	42	483	308	138	114	6	44	81	26	716	525	1241
47847	48213	2051	2052	42	483	308	138	114	6	44	81	26	716	525	1241
48213	48578	2052	2053	42	483	308	138	114	6	44	81	26	716	525	1241
48578	48943	2053	2054	42	483	308	138	114	6	44	81	26	716	526	1242
48943	49308	2054	2055	42	484	308	138	114	6	44	81	26	716	526	1242
49308	49674	2055	2056	42	484	308	138	114	6	44	81	26	716	526	1242
49674	50039	2056	2057	42	484	308	138	114	6	44	81	26	716	526	1243
50039	50404	2057	2058	42	484	308	138	114	6	44	81	26	717	527	1243
50404	50769	2058	2059	42	485	308	138	114	6	44	81	26	717	527	1244
50769	51135	2059	2060	42	485	308	138	114	6	44	81	26	717	527	1244
51135	51500	2060	2061	42	485	308	138	114	6	44	81	26	717	527	1244
51500	51865	2061	2062	42	485	308	138	114	6	44	81	26	717	528	1245
51865	52230	2062	2063	42	486	308	138	114	6	44	81	26	717	528	1245
52230	52596	2063	2064	42	486	308	138	114	6	44	81	26	717	528	1245
52596	52961	2064	2065	42	486	308	138	114	6	44	81	26	717	529	1246
52961	53326	2065	2066	42	486	308	138	114	6	44	81	26	717	529	1246
53326	53691	2066	2067	42	487	308	138	114	6	44	81	26	717	529	1246

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	42	487	308	138	114	6	44	81	26	717	529	1247
54057	54422	2068	2069	42	487	308	139	114	6	44	81	26	718	530	1247
54422	54787	2069	2070	42	487	308	139	114	6	44	81	26	718	530	1248
54787	55152	2070	2071	42	488	308	139	114	6	44	81	26	718	530	1248
55152	55518	2071	2072	42	488	309	139	114	6	44	81	26	718	530	1248
55518	55883	2072	2073	42	488	309	139	114	6	44	81	26	718	531	1249
55883	56248	2073	2074	42	488	309	139	114	6	44	81	26	718	531	1249
56248	56613	2074	2075	42	489	309	139	114	6	44	81	26	718	531	1249
56613	56979	2075	2076	42	489	309	139	114	6	44	81	26	718	531	1250
56979	57344	2076	2077	43	489	309	139	114	6	44	81	26	718	532	1250
57344	57709	2077	2078	43	489	309	139	114	6	44	81	26	718	532	1250
57709	58074	2078	2079	43	490	309	139	114	6	44	81	26	719	532	1251
58074	58440	2079	2080	43	490	309	139	114	6	44	81	26	719	532	1251
58440	58805	2080	2081	43	490	309	139	114	6	44	81	26	719	533	1251
58805	59170	2081	2082	43	490	309	139	114	6	44	81	26	719	533	1252
59170	59535	2082	2083	43	490	309	139	114	6	44	81	26	719	533	1252
59535	59901	2083	2084	43	491	309	139	114	6	44	81	26	719	533	1252
59901	60266	2084	2085	43	491	309	139	114	6	44	81	26	719	534	1253
60266	60631	2085	2086	43	491	309	139	114	6	44	81	26	719	534	1253
60631	60996	2086	2087	43	491	309	139	114	6	44	81	26	719	534	1253
60996	61362	2087	2088	43	492	309	139	114	6	44	81	26	719	534	1254
61362	61727	2088	2089	43	492	309	139	114	6	44	81	26	719	534	1254
61727	62092	2089	2090	43	492	309	139	114	6	44	81	26	720	535	1254
62092	62457	2090	2091	43	492	309	139	114	6	44	81	26	720	535	1255
62457	62823	2091	2092	43	492	309	139	114	6	44	81	26	720	535	1255
62823	63188	2092	2093	43	493	309	139	114	6	44	81	26	720	535	1255
63188	63553	2093	2094	43	493	310	139	114	6	44	81	26	720	536	1256
63553	63918	2094	2095	43	493	310	139	114	6	44	81	26	720	536	1256
63918	64284	2095	2096	43	493	310	139	114	6	44	81	26	720	536	1256
64284	64649	2096	2097	43	494	310	139	114	6	44	81	26	720	536	1256
64649	65014	2097	2098	43	494	310	139	114	6	44	81	26	720	537	1257
65014	65379	2098	2099	43	494	310	139	114	6	44	81	26	720	537	1257
65379	65745	2099	2100	43	494	310	139	114	6	44	81	26	720	537	1257
65745	66110	2100	2101	43	494	310	139	114	6	44	81	26	721	537	1258
66110	66475	2101	2102	43	495	310	139	114	6	44	81	26	721	537	1258
66475	66840	2102	2103	43	495	310	139	114	6	44	81	26	721	538	1258
66840	67206	2103	2104	43	495	310	139	114	6	44	81	26	721	538	1259
67206	67571	2104	2105	43	495	310	139	114	6	44	81	26	721	538	1259
67571	67936	2105	2106	43	495	310	139	114	6	44	81	26	721	538	1259
67936	68301	2106	2107	43	496	310	139	114	6	44	81	26	721	538	1259
68301	68667	2107	2108	43	496	310	139	114	6	44	81	26	721	539	1260
68667	69032	2108	2109	43	496	310	139	114	6	44	81	26	721	539	1260
69032	69397	2109	2110	43	496	310	139	114	6	44	81	26	721	539	1260

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	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
3652	*7305*	1930	1940	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
7305	*14610*	1940	1960	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
14610	*18263*	1960	1970	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
18263	*21915*	1970	1980	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
21915	*24837*	1980	1988	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
24837	*25202*	1988	1989	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
25202	*25567*	1989	1990	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
25567	*25932*	1990	1991	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
25932	*26298*	1991	1992	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
26298	*26663*	1992	1993	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
26663	*27028*	1993	1994	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
27028	*27393*	1994	1995	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
27393	*27759*	1995	1996	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
27759	*28124*	1996	1997	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
28124	*28489*	1997	1998	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
28489	*28854*	1998	1999	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
28854	*29220*	1999	2000	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
29220	*29585*	2000	2001	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
29585	*29950*	2001	2002	0.3	1.4	3.7	0.2	1.1	0.0	0.3	0.1	0.1	*5.5*	*1.6*	7.2
29950	*30315*	2002	2003	0.4	1.6	4.7	0.2	1.2	0.0	0.4	0.1	0.2	*6.8*	*2.0*	8.9
30315	*30681*	2003	2004	0.4	1.9	5.2	0.3	1.2	0.0	0.4	0.2	0.2	*7.4*	*2.3*	9.7
30681	*31046*	2004	2005	0.4	2.1	5.3	0.3	1.1	0.0	0.4	0.2	0.3	*7.6*	*2.6*	10.1
31046	*31411*	2005	2006	0.4	2.4	5.3	0.3	1.1	0.0	0.4	0.2	0.3	*7.5*	*2.8*	10.4
31411	*31776*	2006	2007	0.4	2.6	5.2	0.3	1.1	0.0	0.4	0.2	0.3	*7.4*	*3.0*	10.4
31776	*32142*	2007	2008	0.4	2.8	5.1	0.3	1.0	0.0	0.3	0.2	0.2	*7.2*	*3.2*	10.4
32142	*32507*	2008	2009	0.4	2.9	4.8	0.3	0.9	0.0	0.3	0.2	0.2	*6.7*	*3.3*	10.0
32507	*32872*	2009	2010	0.4	3.0	4.6	0.3	0.9	0.0	0.3	0.2	0.2	*6.5*	*3.4*	9.9
32872	*33237*	2010	2011	0.4	3.1	4.6	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*3.5*	9.9
33237	*33603*	2011	2012	0.4	3.2	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*3.6*	10.0
33603	*33968*	2012	2013	0.4	3.3	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.3*	*3.7*	10.0
33968	*34333*	2013	2014	0.4	3.4	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.3*	*3.8*	10.1
34333	*34698*	2014	2015	0.4	3.4	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.3*	*3.8*	10.1
34698	*35064*	2015	2016	0.4	3.5	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.3*	*3.9*	10.2
35064	*35429*	2016	2017	0.4	3.5	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.3*	*3.9*	10.2
35429	*35794*	2017	2018	0.4	3.5	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*3.9*	10.3
35794	*36159*	2018	2019	0.4	3.6	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*4.0*	10.3
36159	*36525*	2019	2020	0.4	3.6	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*4.0*	10.4
36525	*36890*	2020	2021	0.4	3.6	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*4.0*	10.4
36890	*37255*	2021	2022	0.4	3.7	4.6	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*4.1*	10.4
37255	*37620*	2022	2023	0.4	3.7	4.6	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*4.1*	10.5
37620	*37986*	2023	2024	0.4	3.7	4.6	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*4.1*	10.5
37986	*38351*	2024	2025	0.4	3.7	4.6	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*4.1*	10.5

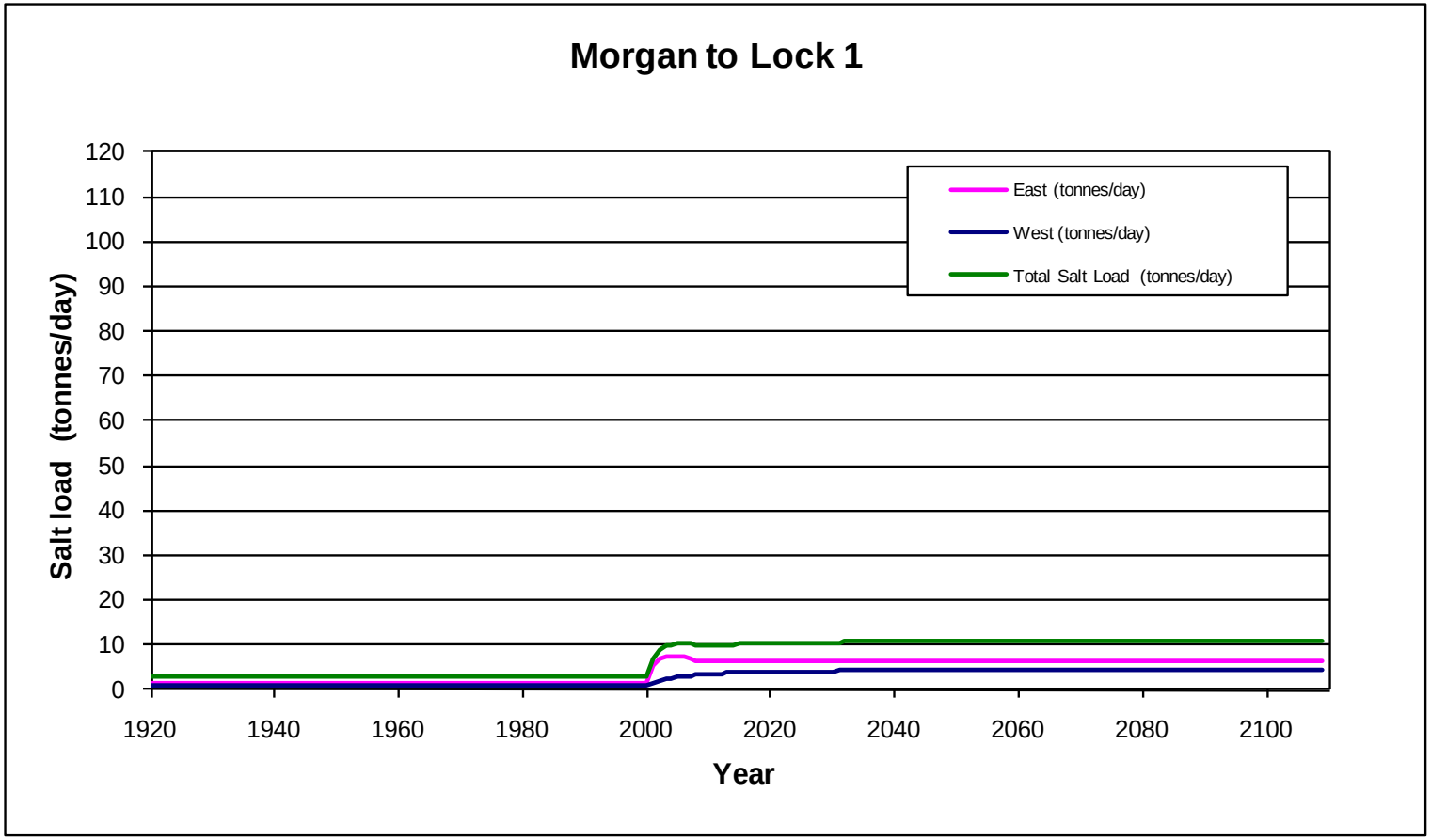
B-2(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 3c)

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	0.4	3.7	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.1	10.5
38716	39081	2026	2027	0.4	3.7	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.1	10.6
39081	39447	2027	2028	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.2	10.6
39447	39812	2028	2029	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.2	10.6
39812	40177	2029	2030	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.2	10.6
40177	40542	2030	2031	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.2	10.6
40542	40908	2031	2032	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.2	10.6
40908	41273	2032	2033	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.2	10.7
41273	41638	2033	2034	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.2	10.7
41638	42003	2034	2035	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.2	10.7
42003	42369	2035	2036	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.2	10.7
42369	42734	2036	2037	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.2	10.7
42734	43099	2037	2038	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.3	10.7
43099	43464	2038	2039	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.3	10.7
43464	43830	2039	2040	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.3	10.7
43830	44195	2040	2041	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.4	4.3	10.7
44195	44560	2041	2042	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
44560	44925	2042	2043	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
44925	45291	2043	2044	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
45291	45656	2044	2045	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
45656	46021	2045	2046	0.4	3.8	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
46021	46386	2046	2047	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
46386	46752	2047	2048	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
46752	47117	2048	2049	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
47117	47482	2049	2050	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
47482	47847	2050	2051	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
47847	48213	2051	2052	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
48213	48578	2052	2053	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.7
48578	48943	2053	2054	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
48943	49308	2054	2055	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
49308	49674	2055	2056	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
49674	50039	2056	2057	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
50039	50404	2057	2058	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
50404	50769	2058	2059	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
50769	51135	2059	2060	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
51135	51500	2060	2061	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
51500	51865	2061	2062	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
51865	52230	2062	2063	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
52230	52596	2063	2064	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
52596	52961	2064	2065	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
52961	53326	2065	2066	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
53326	53691	2066	2067	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	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)
53691	54057	2067	2068	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
54057	54422	2068	2069	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
54422	54787	2069	2070	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
54787	55152	2070	2071	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
55152	55518	2071	2072	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
55518	55883	2072	2073	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
55883	56248	2073	2074	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
56248	56613	2074	2075	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
56613	56979	2075	2076	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
56979	57344	2076	2077	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
57344	57709	2077	2078	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
57709	58074	2078	2079	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
58074	58440	2079	2080	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
58440	58805	2080	2081	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
58805	59170	2081	2082	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
59170	59535	2082	2083	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.3	10.8
59535	59901	2083	2084	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.8
59901	60266	2084	2085	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.8
60266	60631	2085	2086	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.8
60631	60996	2086	2087	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.8
60996	61362	2087	2088	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
61362	61727	2088	2089	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
61727	62092	2089	2090	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
62092	62457	2090	2091	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
62457	62823	2091	2092	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
62823	63188	2092	2093	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
63188	63553	2093	2094	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
63553	63918	2094	2095	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
63918	64284	2095	2096	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
64284	64649	2096	2097	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
64649	65014	2097	2098	0.4	3.9	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
65014	65379	2098	2099	0.4	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
65379	65745	2099	2100	0.4	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
65745	66110	2100	2101	0.4	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
66110	66475	2101	2102	0.4	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
66475	66840	2102	2103	0.4	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
66840	67206	2103	2104	0.4	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
67206	67571	2104	2105	0.4	4.0	4.6	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
67571	67936	2105	2106	0.4	4.0	4.7	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
67936	68301	2106	2107	0.4	4.0	4.7	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
68301	68667	2107	2108	0.4	4.0	4.7	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
68667	69032	2108	2109	0.4	4.0	4.7	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
69032	69397	2109	2110	0.4	4.0	4.7	0.3	0.9	0.0	0.3	0.2	0.2	6.5	4.4	10.9
	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	17	122	60	58	39	5	21	60	9	*252*	*139*	391
3652	*7305*	1930	1940	17	122	60	58	39	5	21	60	9	*252*	*139*	391
7305	*14610*	1940	1960	17	122	60	58	39	5	21	60	9	*252*	*139*	391
14610	*18263*	1960	1970	17	122	60	58	39	5	21	60	9	*252*	*139*	391
18263	*21915*	1970	1980	17	122	60	58	39	5	21	60	9	*252*	*139*	391
21915	*24837*	1980	1988	17	122	60	58	39	5	21	60	9	*252*	*139*	391
24837	*25202*	1988	1989	17	122	60	58	39	5	21	60	9	*252*	*139*	391
25202	*25567*	1989	1990	17	122	60	58	39	5	21	60	9	*252*	*139*	391
25567	*25932*	1990	1991	17	122	60	58	39	5	21	60	9	*252*	*139*	391
25932	*26298*	1991	1992	17	122	60	58	39	5	21	60	9	*252*	*139*	391
26298	*26663*	1992	1993	17	122	60	58	39	5	21	60	9	*252*	*139*	391
26663	*27028*	1993	1994	17	122	60	58	39	5	21	60	9	*252*	*139*	391
27028	*27393*	1994	1995	17	122	60	58	39	5	21	60	9	*252*	*139*	391
27393	*27759*	1995	1996	17	122	60	58	39	5	21	60	9	*252*	*139*	391
27759	*28124*	1996	1997	17	122	60	58	39	5	21	60	9	*252*	*139*	391
28124	*28489*	1997	1998	17	122	60	58	39	5	21	60	9	*252*	*139*	391
28489	*28854*	1998	1999	17	122	60	58	39	5	21	60	9	*252*	*139*	391
28854	*29220*	1999	2000	17	122	60	58	39	5	21	60	9	*252*	*139*	391
29220	*29585*	2000	2001	17	122	60	58	39	5	21	60	9	*252*	*139*	391
29585	*29950*	2001	2002	29	170	244	97	140	6	46	68	10	*612*	*199*	811
29950	*30315*	2002	2003	38	205	314	120	148	6	53	75	24	*740*	*243*	983
30315	*30681*	2003	2004	43	237	344	133	147	6	54	78	34	*796*	*279*	1075
30681	*31046*	2004	2005	44	268	355	140	143	6	53	80	38	*816*	*312*	1128
31046	*31411*	2005	2006	45	297	356	143	138	6	52	81	39	*815*	*342*	1157
31411	*31776*	2006	2007	44	324	350	143	132	6	51	82	38	*802*	*368*	1170
31776	*32142*	2007	2008	43	347	340	143	126	6	49	82	35	*781*	*390*	1171
32142	*32507*	2008	2009	42	364	317	138	114	6	46	81	30	*733*	*405*	1138
32507	*32872*	2009	2010	40	379	308	136	113	6	45	80	27	*715*	*419*	1134
32872	*33237*	2010	2011	40	392	304	135	112	6	44	80	25	*707*	*432*	1139
33237	*33603*	2011	2012	40	403	303	135	112	6	44	80	25	*704*	*443*	1147
33603	*33968*	2012	2013	40	412	302	135	112	6	44	80	24	*702*	*452*	1154
33968	*34333*	2013	2014	40	420	301	135	112	6	44	80	24	*702*	*459*	1161
34333	*34698*	2014	2015	40	427	301	135	112	6	44	80	24	*702*	*467*	1169
34698	*35064*	2015	2016	40	432	302	135	112	6	44	80	24	*703*	*472*	1175
35064	*35429*	2016	2017	40	438	302	135	112	6	44	80	24	*703*	*478*	1181
35429	*35794*	2017	2018	40	442	302	135	113	6	44	80	24	*704*	*483*	1187
35794	*36159*	2018	2019	40	447	303	136	113	6	44	80	24	*705*	*488*	1193
36159	*36525*	2019	2020	41	451	303	136	113	6	44	80	25	*706*	*492*	1198
36525	*36890*	2020	2021	41	454	303	136	113	6	44	80	25	*707*	*495*	1202
36890	*37255*	2021	2022	41	457	304	136	113	6	44	80	25	*707*	*498*	1205
37255	*37620*	2022	2023	41	459	304	136	113	6	44	80	25	*708*	*500*	1208
37620	*37986*	2023	2024	41	461	304	136	113	6	44	80	25	*709*	*502*	1211
37986	*38351*	2024	2025	43	468	324	140	134	21	57	104	32	*812*	*511*	1323

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	44	476	328	142	140	24	62	116	36	848	520	1368
38716	39081	2026	2027	45	487	330	143	150	33	92	127	40	915	532	1447
39081	39447	2027	2028	46	499	332	144	155	36	104	135	46	952	546	1497
39447	39812	2028	2029	47	510	333	145	170	39	134	141	58	1021	557	1578
39812	40177	2029	2030	48	519	334	146	174	42	148	146	68	1057	567	1625
40177	40542	2030	2031	50	542	345	147	180	43	158	157	85	1115	592	1707
40542	40908	2031	2032	51	552	350	148	182	44	163	163	96	1146	604	1749
40908	41273	2032	2033	52	566	353	154	183	45	168	182	104	1190	618	1808
41273	41638	2033	2034	53	574	355	155	184	46	173	191	113	1216	627	1843
41638	42003	2034	2035	53	581	356	156	185	46	175	196	121	1236	634	1870
42003	42369	2035	2036	56	595	357	156	189	47	194	201	132	1276	651	1927
42369	42734	2036	2037	58	603	358	157	190	47	202	205	149	1307	661	1969
42734	43099	2037	2038	60	611	359	158	191	48	205	208	170	1337	671	2008
43099	43464	2038	2039	61	618	360	158	191	48	207	210	191	1365	679	2044
43464	43830	2039	2040	62	624	360	159	192	48	208	212	211	1391	686	2077
43830	44195	2040	2041	63	630	361	159	192	49	209	214	230	1414	693	2107
44195	44560	2041	2042	64	636	362	159	192	49	210	216	246	1434	700	2134
44560	44925	2042	2043	65	641	362	160	193	49	210	217	261	1452	705	2158
44925	45291	2043	2044	65	645	363	160	193	49	211	219	275	1469	711	2179
45291	45656	2044	2045	66	650	363	160	193	49	211	220	287	1484	715	2199
45656	46021	2045	2046	66	654	363	161	194	49	212	221	298	1497	720	2217
46021	46386	2046	2047	66	658	364	161	194	49	212	222	307	1509	724	2233
46386	46752	2047	2048	67	661	364	161	194	49	212	223	316	1520	728	2248
46752	47117	2048	2049	67	664	365	162	194	49	213	225	324	1531	731	2262
47117	47482	2049	2050	67	667	365	162	195	49	213	226	331	1540	735	2275
47482	47847	2050	2051	68	670	365	162	195	49	213	226	337	1548	738	2286
47847	48213	2051	2052	68	673	366	162	195	49	213	227	343	1556	741	2297
48213	48578	2052	2053	68	675	366	162	195	49	213	228	349	1564	743	2307
48578	48943	2053	2054	69	678	366	163	195	50	214	229	354	1570	746	2316
48943	49308	2054	2055	69	680	367	163	195	50	214	230	358	1577	748	2325
49308	49674	2055	2056	69	682	367	163	196	50	214	231	363	1583	751	2333
49674	50039	2056	2057	69	684	367	163	196	50	214	232	367	1588	753	2341
50039	50404	2057	2058	69	686	368	163	196	50	214	232	370	1594	755	2349
50404	50769	2058	2059	70	687	368	164	196	50	214	233	374	1598	757	2355
50769	51135	2059	2060	70	689	368	164	196	50	214	234	377	1603	759	2362
51135	51500	2060	2061	70	691	369	164	196	50	214	234	380	1607	761	2368
51500	51865	2061	2062	70	692	369	164	196	50	215	235	383	1611	762	2374
51865	52230	2062	2063	70	694	369	164	196	50	215	236	385	1615	764	2380
52230	52596	2063	2064	70	695	369	164	197	50	215	236	388	1619	766	2385
52596	52961	2064	2065	71	697	370	165	197	50	215	237	390	1623	767	2390
52961	53326	2065	2066	71	698	370	165	197	50	215	238	393	1626	769	2395
53326	53691	2066	2067	71	699	370	165	197	50	215	238	395	1630	770	2400

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	71	700	370	165	197	50	215	239	397	1633	771	2404
54057	54422	2068	2069	71	702	370	165	197	50	215	239	399	1636	773	2409
54422	54787	2069	2070	71	703	371	165	197	50	215	240	400	1639	774	2413
54787	55152	2070	2071	71	704	371	165	197	50	215	241	402	1641	775	2417
55152	55518	2071	2072	71	705	371	166	197	50	215	241	404	1644	776	2420
55518	55883	2072	2073	71	706	371	166	197	50	215	242	405	1647	778	2424
55883	56248	2073	2074	72	707	371	166	198	50	215	242	407	1649	779	2428
56248	56613	2074	2075	72	708	372	166	198	50	216	243	408	1651	780	2431
56613	56979	2075	2076	72	709	372	166	198	50	216	243	409	1654	781	2434
56979	57344	2076	2077	72	710	372	166	198	50	216	243	411	1656	782	2437
57344	57709	2077	2078	72	711	372	166	198	50	216	244	412	1658	783	2441
57709	58074	2078	2079	72	712	372	166	198	50	216	244	413	1660	784	2444
58074	58440	2079	2080	72	713	372	167	198	50	216	245	414	1662	785	2446
58440	58805	2080	2081	72	713	373	167	198	50	216	245	415	1664	786	2449
58805	59170	2081	2082	72	714	373	167	198	50	216	246	416	1666	786	2452
59170	59535	2082	2083	72	715	373	167	198	50	216	246	417	1667	787	2455
59535	59901	2083	2084	72	716	373	167	198	50	216	246	418	1669	788	2457
59901	60266	2084	2085	73	717	373	167	198	50	216	247	419	1671	789	2460
60266	60631	2085	2086	73	717	373	167	198	50	216	247	420	1672	790	2462
60631	60996	2086	2087	73	718	374	167	198	50	216	247	421	1674	791	2465
60996	61362	2087	2088	73	719	374	167	199	50	216	248	422	1675	791	2467
61362	61727	2088	2089	73	719	374	167	199	50	216	248	422	1677	792	2469
61727	62092	2089	2090	73	720	374	168	199	50	216	249	423	1678	793	2471
62092	62457	2090	2091	73	721	374	168	199	50	216	249	424	1680	794	2473
62457	62823	2091	2092	73	721	374	168	199	50	216	249	425	1681	794	2475
62823	63188	2092	2093	73	722	374	168	199	50	216	250	425	1682	795	2477
63188	63553	2093	2094	73	723	375	168	199	50	216	250	426	1684	796	2479
63553	63918	2094	2095	73	723	375	168	199	50	216	250	427	1685	796	2481
63918	64284	2095	2096	73	724	375	168	199	50	217	250	427	1686	797	2483
64284	64649	2096	2097	73	724	375	168	199	50	217	251	428	1687	798	2485
64649	65014	2097	2098	73	725	375	168	199	50	217	251	428	1689	798	2487
65014	65379	2098	2099	73	725	375	168	199	50	217	251	429	1690	799	2489
65379	65745	2099	2100	73	726	375	168	199	50	217	252	430	1691	800	2490
65745	66110	2100	2101	74	727	375	168	199	50	217	252	430	1692	800	2492
66110	66475	2101	2102	74	727	375	168	199	50	217	252	431	1693	801	2493
66475	66840	2102	2103	74	728	376	169	199	50	217	252	431	1694	801	2495
66840	67206	2103	2104	74	728	376	169	199	50	217	253	431	1695	802	2496
67206	67571	2104	2105	74	728	376	169	199	50	217	253	432	1696	802	2498
67571	67936	2105	2106	74	729	376	169	199	50	217	253	432	1697	803	2499
67936	68301	2106	2107	74	729	376	169	200	50	217	253	433	1697	803	2501
68301	68667	2107	2108	74	730	376	169	200	50	217	254	433	1698	804	2502
68667	69032	2108	2109	74	730	376	169	200	50	217	254	434	1699	804	2503
69032	69397	2109	2110	74	730	376	169	200	50	217	254	434	1699	804	2503

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	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
3652	*7305*	1930	1940	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
7305	*14610*	1940	1960	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
14610	*18263*	1960	1970	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
18263	*21915*	1970	1980	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
21915	*24837*	1980	1988	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
24837	*25202*	1988	1989	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
25202	*25567*	1989	1990	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
25567	*25932*	1990	1991	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
25932	*26298*	1991	1992	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
26298	*26663*	1992	1993	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
26663	*27028*	1993	1994	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
27028	*27393*	1994	1995	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
27393	*27759*	1995	1996	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
27759	*28124*	1996	1997	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
28124	*28489*	1997	1998	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
28489	*28854*	1998	1999	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
28854	*29220*	1999	2000	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
29220	*29585*	2000	2001	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	*1.7*	*1.1*	2.8
29585	*29950*	2001	2002	0.3	1.4	3.7	0.2	1.1	0.0	0.3	0.1	0.1	*5.5*	*1.6*	7.2
29950	*30315*	2002	2003	0.4	1.6	4.7	0.2	1.2	0.0	0.4	0.1	0.2	*6.8*	*2.0*	8.9
30315	*30681*	2003	2004	0.4	1.9	5.2	0.3	1.2	0.0	0.4	0.2	0.2	*7.4*	*2.3*	9.7
30681	*31046*	2004	2005	0.4	2.1	5.3	0.3	1.1	0.0	0.4	0.2	0.3	*7.6*	*2.6*	10.1
31046	*31411*	2005	2006	0.4	2.4	5.3	0.3	1.1	0.0	0.4	0.2	0.3	*7.5*	*2.8*	10.4
31411	*31776*	2006	2007	0.4	2.6	5.2	0.3	1.1	0.0	0.4	0.2	0.3	*7.4*	*3.0*	10.4
31776	*32142*	2007	2008	0.4	2.8	5.1	0.3	1.0	0.0	0.3	0.2	0.2	*7.2*	*3.2*	10.4
32142	*32507*	2008	2009	0.4	2.9	4.8	0.3	0.9	0.0	0.3	0.2	0.2	*6.7*	*3.3*	10.0
32507	*32872*	2009	2010	0.4	3.0	4.6	0.3	0.9	0.0	0.3	0.2	0.2	*6.5*	*3.4*	9.9
32872	*33237*	2010	2011	0.4	3.1	4.6	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*3.5*	9.9
33237	*33603*	2011	2012	0.4	3.2	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*3.6*	10.0
33603	*33968*	2012	2013	0.4	3.3	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.3*	*3.7*	10.0
33968	*34333*	2013	2014	0.4	3.4	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.3*	*3.8*	10.1
34333	*34698*	2014	2015	0.4	3.4	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.3*	*3.8*	10.1
34698	*35064*	2015	2016	0.4	3.5	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.3*	*3.9*	10.2
35064	*35429*	2016	2017	0.4	3.5	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.3*	*3.9*	10.2
35429	*35794*	2017	2018	0.4	3.5	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*3.9*	10.3
35794	*36159*	2018	2019	0.4	3.6	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*4.0*	10.3
36159	*36525*	2019	2020	0.4	3.6	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*4.0*	10.4
36525	*36890*	2020	2021	0.4	3.6	4.5	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*4.0*	10.4
36890	*37255*	2021	2022	0.4	3.7	4.6	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*4.1*	10.4
37255	*37620*	2022	2023	0.4	3.7	4.6	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*4.1*	10.5
37620	*37986*	2023	2024	0.4	3.7	4.6	0.3	0.9	0.0	0.3	0.2	0.2	*6.4*	*4.1*	10.5
37986	*38351*	2024	2025	0.4	3.7	4.9	0.3	1.1	0.0	0.4	0.2	0.2	*7.1*	*4.2*	11.2

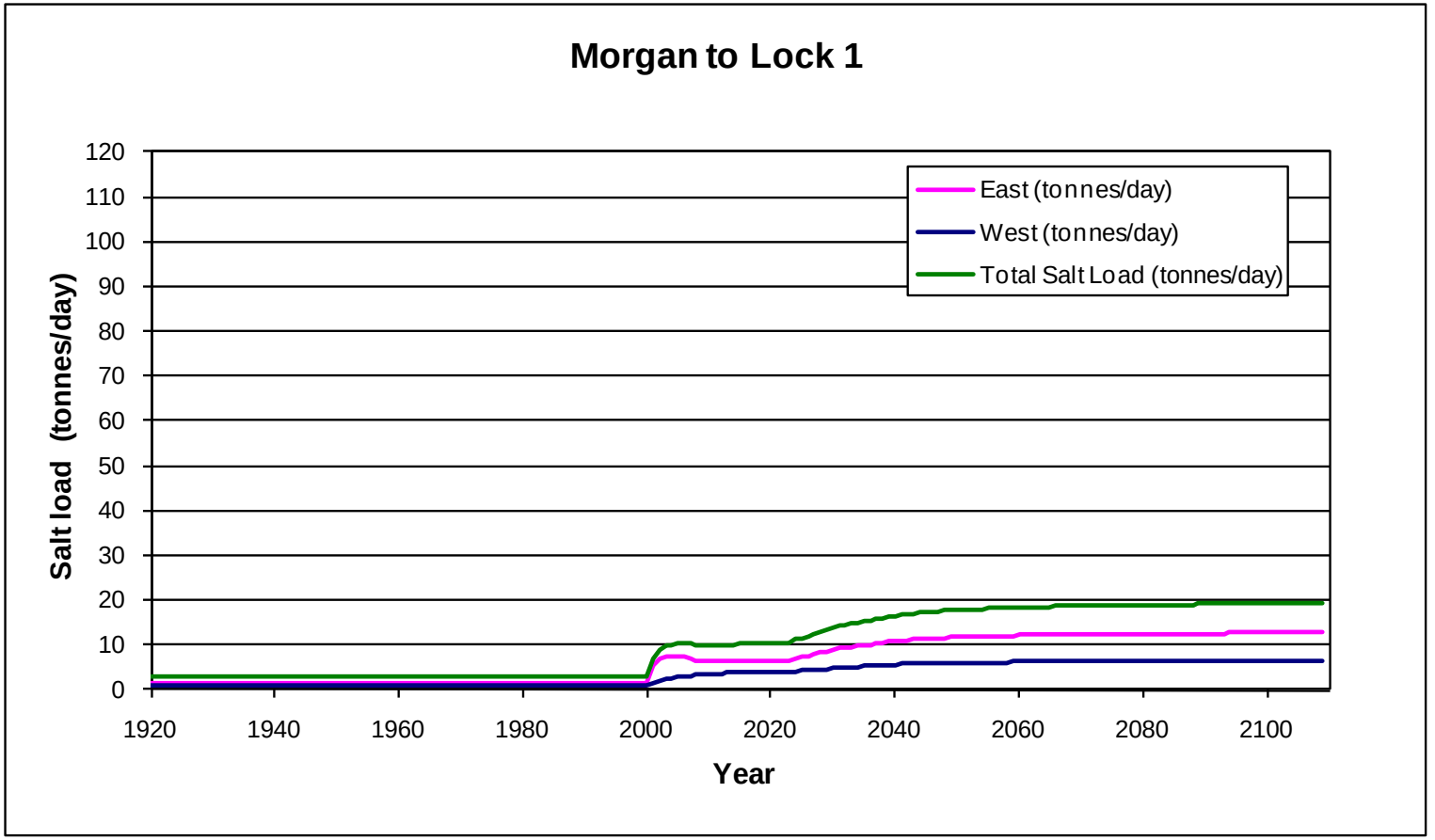
B-2(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 4)

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	0.4	3.8	4.9	0.3	1.1	0.0	0.4	0.2	0.2	7.3	4.2	11.5
38716	39081	2026	2027	0.5	3.9	5.0	0.3	1.2	0.1	0.6	0.3	0.3	7.7	4.4	12.0
39081	39447	2027	2028	0.5	4.0	5.0	0.3	1.2	0.1	0.7	0.3	0.3	7.9	4.5	12.4
39447	39812	2028	2029	0.5	4.1	5.0	0.3	1.4	0.1	0.9	0.3	0.4	8.4	4.6	12.9
39812	40177	2029	2030	0.5	4.2	5.0	0.3	1.4	0.1	1.0	0.3	0.5	8.6	4.6	13.2
40177	40542	2030	2031	0.5	4.3	5.2	0.3	1.4	0.1	1.1	0.3	0.6	9.0	4.8	13.8
40542	40908	2031	2032	0.5	4.4	5.2	0.3	1.5	0.1	1.1	0.3	0.7	9.2	4.9	14.2
40908	41273	2032	2033	0.5	4.5	5.3	0.3	1.5	0.1	1.2	0.4	0.7	9.4	5.1	14.5
41273	41638	2033	2034	0.5	4.6	5.3	0.3	1.5	0.1	1.2	0.4	0.8	9.6	5.1	14.7
41638	42003	2034	2035	0.5	4.6	5.3	0.3	1.5	0.1	1.2	0.4	0.8	9.7	5.2	14.9
42003	42369	2035	2036	0.6	4.8	5.4	0.3	1.5	0.1	1.4	0.4	0.9	10.0	5.3	15.3
42369	42734	2036	2037	0.6	4.8	5.4	0.3	1.5	0.1	1.4	0.4	1.0	10.2	5.4	15.6
42734	43099	2037	2038	0.6	4.9	5.4	0.3	1.5	0.1	1.4	0.4	1.2	10.4	5.5	15.8
43099	43464	2038	2039	0.6	4.9	5.4	0.3	1.5	0.1	1.4	0.4	1.3	10.5	5.6	16.1
43464	43830	2039	2040	0.6	5.0	5.4	0.3	1.5	0.1	1.5	0.4	1.5	10.7	5.6	16.3
43830	44195	2040	2041	0.6	5.0	5.4	0.3	1.5	0.1	1.5	0.4	1.6	10.9	5.7	16.5
44195	44560	2041	2042	0.6	5.1	5.4	0.3	1.5	0.1	1.5	0.4	1.7	11.0	5.7	16.7
44560	44925	2042	2043	0.6	5.1	5.4	0.3	1.5	0.1	1.5	0.4	1.8	11.1	5.8	16.9
44925	45291	2043	2044	0.7	5.2	5.4	0.3	1.5	0.1	1.5	0.4	1.9	11.2	5.8	17.1
45291	45656	2044	2045	0.7	5.2	5.4	0.3	1.5	0.1	1.5	0.4	2.0	11.3	5.9	17.2
45656	46021	2045	2046	0.7	5.2	5.5	0.3	1.5	0.1	1.5	0.4	2.1	11.4	5.9	17.3
46021	46386	2046	2047	0.7	5.3	5.5	0.3	1.6	0.1	1.5	0.4	2.1	11.5	5.9	17.4
46386	46752	2047	2048	0.7	5.3	5.5	0.3	1.6	0.1	1.5	0.4	2.2	11.6	6.0	17.5
46752	47117	2048	2049	0.7	5.3	5.5	0.3	1.6	0.1	1.5	0.4	2.3	11.6	6.0	17.6
47117	47482	2049	2050	0.7	5.3	5.5	0.3	1.6	0.1	1.5	0.5	2.3	11.7	6.0	17.7
47482	47847	2050	2051	0.7	5.4	5.5	0.3	1.6	0.1	1.5	0.5	2.4	11.8	6.0	17.8
47847	48213	2051	2052	0.7	5.4	5.5	0.3	1.6	0.1	1.5	0.5	2.4	11.8	6.1	17.9
48213	48578	2052	2053	0.7	5.4	5.5	0.3	1.6	0.1	1.5	0.5	2.4	11.9	6.1	18.0
48578	48943	2053	2054	0.7	5.4	5.5	0.3	1.6	0.1	1.5	0.5	2.5	11.9	6.1	18.0
48943	49308	2054	2055	0.7	5.4	5.5	0.3	1.6	0.1	1.5	0.5	2.5	12.0	6.1	18.1
49308	49674	2055	2056	0.7	5.5	5.5	0.3	1.6	0.1	1.5	0.5	2.5	12.0	6.1	18.1
49674	50039	2056	2057	0.7	5.5	5.5	0.3	1.6	0.1	1.5	0.5	2.6	12.0	6.2	18.2
50039	50404	2057	2058	0.7	5.5	5.5	0.3	1.6	0.1	1.5	0.5	2.6	12.1	6.2	18.2
50404	50769	2058	2059	0.7	5.5	5.5	0.3	1.6	0.1	1.5	0.5	2.6	12.1	6.2	18.3
50769	51135	2059	2060	0.7	5.5	5.5	0.3	1.6	0.1	1.5	0.5	2.6	12.1	6.2	18.3
51135	51500	2060	2061	0.7	5.5	5.5	0.3	1.6	0.1	1.5	0.5	2.7	12.2	6.2	18.4
51500	51865	2061	2062	0.7	5.5	5.5	0.3	1.6	0.1	1.5	0.5	2.7	12.2	6.2	18.4
51865	52230	2062	2063	0.7	5.6	5.5	0.3	1.6	0.1	1.5	0.5	2.7	12.2	6.3	18.5
52230	52596	2063	2064	0.7	5.6	5.5	0.3	1.6	0.1	1.5	0.5	2.7	12.2	6.3	18.5
52596	52961	2064	2065	0.7	5.6	5.5	0.3	1.6	0.1	1.5	0.5	2.7	12.3	6.3	18.5
52961	53326	2065	2066	0.7	5.6	5.5	0.3	1.6	0.1	1.5	0.5	2.7	12.3	6.3	18.6
53326	53691	2066	2067	0.7	5.6	5.5	0.3	1.6	0.1	1.5	0.5	2.8	12.3	6.3	18.6

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	0.7	5.6	5.6	0.3	1.6	0.1	1.5	0.5	2.8	12.3	6.3	18.6
54057	54422	2068	2069	0.7	5.6	5.6	0.3	1.6	0.1	1.5	0.5	2.8	12.3	6.3	18.7
54422	54787	2069	2070	0.7	5.6	5.6	0.3	1.6	0.1	1.5	0.5	2.8	12.4	6.3	18.7
54787	55152	2070	2071	0.7	5.6	5.6	0.3	1.6	0.1	1.5	0.5	2.8	12.4	6.3	18.7
55152	55518	2071	2072	0.7	5.6	5.6	0.3	1.6	0.1	1.5	0.5	2.8	12.4	6.4	18.7
55518	55883	2072	2073	0.7	5.6	5.6	0.3	1.6	0.1	1.5	0.5	2.8	12.4	6.4	18.8
55883	56248	2073	2074	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.8	12.4	6.4	18.8
56248	56613	2074	2075	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.4	6.4	18.8
56613	56979	2075	2076	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.5	6.4	18.8
56979	57344	2076	2077	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.5	6.4	18.9
57344	57709	2077	2078	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.5	6.4	18.9
57709	58074	2078	2079	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.5	6.4	18.9
58074	58440	2079	2080	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.5	6.4	18.9
58440	58805	2080	2081	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.5	6.4	18.9
58805	59170	2081	2082	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.5	6.4	19.0
59170	59535	2082	2083	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.5	6.4	19.0
59535	59901	2083	2084	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.5	6.5	19.0
59901	60266	2084	2085	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.6	6.5	19.0
60266	60631	2085	2086	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.6	6.5	19.0
60631	60996	2086	2087	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.6	6.5	19.1
60996	61362	2087	2088	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.6	6.5	19.1
61362	61727	2088	2089	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.6	6.5	19.1
61727	62092	2089	2090	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.6	6.5	19.1
62092	62457	2090	2091	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.6	6.5	19.1
62457	62823	2091	2092	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.6	6.5	19.1
62823	63188	2092	2093	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.6	6.5	19.1
63188	63553	2093	2094	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.6	6.5	19.2
63553	63918	2094	2095	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.6	6.5	19.2
63918	64284	2095	2096	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.5	19.2
64284	64649	2096	2097	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.5	19.2
64649	65014	2097	2098	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.5	19.2
65014	65379	2098	2099	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.5	19.2
65379	65745	2099	2100	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.5	19.2
65745	66110	2100	2101	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.5	19.2
66110	66475	2101	2102	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.6	19.2
66475	66840	2102	2103	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.6	19.3
66840	67206	2103	2104	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.6	19.3
67206	67571	2104	2105	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.6	19.3
67571	67936	2105	2106	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.6	19.3
67936	68301	2106	2107	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.6	19.3
68301	68667	2107	2108	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.6	19.3
68667	69032	2108	2109	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.6	19.3
69032	69397	2109	2110	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.6	19.3
	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	17	122	60	58	39	5	21	60	9	***252***	***139***	**391**
3652	*7305*	1930	1940	17	122	60	58	39	5	21	60	9	***252***	***139***	**391**
7305	*14610*	1940	1960	17	122	60	58	39	5	21	60	9	***252***	***139***	**391**
14610	*18263*	1960	1970	17	122	60	58	39	5	21	60	9	***252***	***139***	**391**
18263	*21915*	1970	1980	17	122	60	58	39	5	21	60	9	***252***	***139***	**391**
21915	*24837*	1980	1988	17	122	60	58	39	5	21	60	9	***252***	***139***	**391**
24837	*25202*	1988	1989	17	122	60	58	39	5	21	60	9	***252***	***139***	**391**
25202	*25567*	1989	1990	17	122	60	58	39	5	21	60	9	***252***	***139***	**391**
25567	*25932*	1990	1991	17	122	60	58	39	5	21	60	9	***252***	***139***	**391**
25932	*26298*	1991	1992	17	122	60	58	39	5	21	60	9	***252***	***139***	**391**
26298	*26663*	1992	1993	17	122	60	58	39	5	21	60	9	***252***	***139***	**391**
26663	*27028*	1993	1994	17	122	60	58	39	5	21	60	9	***252***	***139***	**391**
27028	*27393*	1994	1995	17	122	60	58	39	5	21	60	9	***252***	***139***	**391**
27393	*27759*	1995	1996	17	122	60	58	39	5	21	60	9	***252***	***139***	**391**
27759	*28124*	1996	1997	17	122	60	58	39	5	21	60	9	***252***	***139***	**391**
28124	*28489*	1997	1998	17	122	60	58	39	5	21	60	9	***252***	***139***	**391**
28489	*28854*	1998	1999	17	122	60	58	39	5	21	60	9	***252***	***139***	**391**
28854	*29220*	1999	2000	17	122	60	58	39	5	21	60	9	***252***	***139***	**391**
29220	*29585*	2000	2001	17	122	60	58	39	5	21	60	9	***252***	***139***	**391**
29585	*29950*	2001	2002	29	170	244	97	140	6	46	68	10	***612***	***199***	**811**
29950	*30315*	2002	2003	38	205	314	120	148	6	53	75	24	***740***	***243***	**983**
30315	*30681*	2003	2004	43	237	344	133	147	6	54	78	34	***796***	***279***	**1075**
30681	*31046*	2004	2005	44	268	355	140	143	6	53	80	38	***816***	***312***	**1128**
31046	*31411*	2005	2006	45	297	356	143	138	6	52	81	39	***815***	***342***	**1157**
31411	*31776*	2006	2007	44	324	350	143	132	6	51	82	38	***802***	***368***	**1170**
31776	*32142*	2007	2008	43	347	340	143	126	6	49	82	35	***781***	***390***	**1171**
32142	*32507*	2008	2009	42	364	317	138	114	6	46	81	30	***733***	***405***	**1138**
32507	*32872*	2009	2010	40	379	308	136	113	6	45	80	27	***715***	***419***	**1134**
32872	*33237*	2010	2011	40	392	304	135	112	6	44	80	25	***707***	***432***	**1139**
33237	*33603*	2011	2012	40	403	303	135	112	6	44	80	25	***704***	***443***	**1147**
33603	*33968*	2012	2013	40	412	302	135	112	6	44	80	24	***702***	***452***	**1154**
33968	*34333*	2013	2014	40	420	301	135	112	6	44	80	24	***702***	***459***	**1161**
34333	*34698*	2014	2015	40	427	301	135	112	6	44	80	24	***702***	***467***	**1169**
34698	*35064*	2015	2016	40	432	302	135	112	6	44	80	24	***703***	***472***	**1175**
35064	*35429*	2016	2017	40	438	302	135	112	6	44	80	24	***703***	***478***	**1181**
35429	*35794*	2017	2018	40	442	302	135	113	6	44	80	24	***704***	***483***	**1187**
35794	*36159*	2018	2019	40	447	303	136	113	6	44	80	24	***705***	***488***	**1193**
36159	*36525*	2019	2020	41	451	303	136	113	6	44	80	25	***706***	***492***	**1198**
36525	*36890*	2020	2021	41	454	303	136	113	6	44	80	25	***707***	***495***	**1202**
36890	*37255*	2021	2022	41	457	304	136	113	6	44	80	25	***707***	***498***	**1205**
37255	*37620*	2022	2023	41	459	304	136	113	6	44	80	25	***708***	***500***	**1208**
37620	*37986*	2023	2024	41	461	304	136	113	6	44	80	25	***709***	***502***	**1211**
37986	*38351*	2024	2025	43	468	324	140	134	21	57	104	32	***812***	***511***	**1323**

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	44	476	328	142	140	24	62	116	36	848	520	1368
38716	39081	2026	2027	45	487	330	143	150	33	92	127	40	915	532	1447
39081	39447	2027	2028	46	499	332	144	155	36	104	135	46	952	546	1497
39447	39812	2028	2029	47	510	333	145	170	39	134	141	58	1021	557	1578
39812	40177	2029	2030	48	519	334	146	174	42	148	146	68	1057	567	1625
40177	40542	2030	2031	50	542	345	147	180	43	158	157	85	1115	592	1707
40542	40908	2031	2032	51	552	350	148	182	44	163	163	96	1146	604	1749
40908	41273	2032	2033	52	566	353	154	183	45	168	182	104	1190	618	1808
41273	41638	2033	2034	53	574	355	155	184	46	173	191	113	1216	627	1843
41638	42003	2034	2035	53	581	356	156	185	46	175	196	121	1236	634	1870
42003	42369	2035	2036	56	595	357	156	189	47	194	201	132	1276	651	1927
42369	42734	2036	2037	58	603	358	157	190	47	202	205	149	1307	661	1969
42734	43099	2037	2038	60	611	359	158	191	48	205	208	170	1337	671	2008
43099	43464	2038	2039	61	618	360	158	191	48	207	210	191	1365	679	2044
43464	43830	2039	2040	62	624	360	159	192	48	208	212	211	1391	686	2077
43830	44195	2040	2041	63	630	361	159	192	49	209	214	230	1414	693	2107
44195	44560	2041	2042	64	636	362	159	192	49	210	216	246	1434	700	2134
44560	44925	2042	2043	65	641	362	160	193	49	210	217	261	1452	705	2158
44925	45291	2043	2044	65	645	363	160	193	49	211	219	275	1469	711	2179
45291	45656	2044	2045	66	650	363	160	193	49	211	220	287	1484	715	2199
45656	46021	2045	2046	66	654	363	161	194	49	212	221	298	1497	720	2217
46021	46386	2046	2047	66	658	364	161	194	49	212	222	307	1509	724	2233
46386	46752	2047	2048	67	661	364	161	194	49	212	223	316	1520	728	2248
46752	47117	2048	2049	67	664	365	162	194	49	213	225	324	1531	731	2262
47117	47482	2049	2050	67	667	365	162	195	49	213	226	331	1540	735	2275
47482	47847	2050	2051	68	670	365	162	195	49	213	226	337	1548	738	2286
47847	48213	2051	2052	68	673	366	162	195	49	213	227	343	1556	741	2297
48213	48578	2052	2053	68	675	366	162	195	49	213	228	349	1564	743	2307
48578	48943	2053	2054	69	678	366	163	195	50	214	229	354	1570	746	2316
48943	49308	2054	2055	69	680	367	163	195	50	214	230	358	1577	748	2325
49308	49674	2055	2056	69	682	367	163	196	50	214	231	363	1583	751	2333
49674	50039	2056	2057	69	684	367	163	196	50	214	232	367	1588	753	2341
50039	50404	2057	2058	69	686	368	163	196	50	214	232	370	1594	755	2349
50404	50769	2058	2059	70	687	368	164	196	50	214	233	374	1598	757	2355
50769	51135	2059	2060	70	689	368	164	196	50	214	234	377	1603	759	2362
51135	51500	2060	2061	70	691	369	164	196	50	214	234	380	1607	761	2368
51500	51865	2061	2062	70	692	369	164	196	50	215	235	383	1612	762	2374
51865	52230	2062	2063	70	694	369	164	196	50	215	236	385	1615	764	2379
52230	52596	2063	2064	70	695	369	164	197	50	215	236	388	1619	766	2385
52596	52961	2064	2065	70	697	369	165	197	50	215	237	390	1623	767	2390
52961	53326	2065	2066	71	698	370	165	197	50	215	238	392	1626	768	2395
53326	53691	2066	2067	71	699	370	165	197	50	215	238	394	1629	770	2399

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	71	700	370	165	197	50	215	239	397	1633	771	2404
54057	54422	2068	2069	71	702	370	165	197	50	215	239	398	1636	773	2408
54422	54787	2069	2070	71	703	371	165	197	50	215	240	400	1638	774	2412
54787	55152	2070	2071	71	704	371	165	197	50	215	240	402	1641	775	2416
55152	55518	2071	2072	71	705	371	166	197	50	215	241	403	1644	776	2420
55518	55883	2072	2073	71	706	371	166	197	50	215	241	405	1646	777	2423
55883	56248	2073	2074	72	707	371	166	198	50	215	242	406	1648	778	2427
56248	56613	2074	2075	72	708	372	166	198	50	216	242	408	1651	780	2430
56613	56979	2075	2076	72	709	372	166	198	50	216	243	409	1653	781	2434
56979	57344	2076	2077	72	710	372	166	198	50	216	243	410	1655	782	2437
57344	57709	2077	2078	72	711	372	166	198	50	216	244	412	1658	783	2440
57709	58074	2078	2079	72	712	372	166	198	50	216	244	413	1660	784	2443
58074	58440	2079	2080	72	712	372	167	198	50	216	245	414	1662	785	2446
58440	58805	2080	2081	72	713	373	167	198	50	216	245	415	1664	786	2449
58805	59170	2081	2082	72	714	373	167	198	50	216	246	416	1666	787	2452
59170	59535	2082	2083	72	715	373	167	198	50	216	246	417	1667	787	2455
59535	59901	2083	2084	72	716	373	167	198	50	216	246	418	1669	788	2457
59901	60266	2084	2085	73	716	373	167	198	50	216	247	419	1671	789	2460
60266	60631	2085	2086	73	717	373	167	198	50	216	247	420	1672	790	2462
60631	60996	2086	2087	73	718	374	167	198	50	216	247	421	1674	791	2464
60996	61362	2087	2088	73	719	374	167	199	50	216	248	422	1675	791	2467
61362	61727	2088	2089	73	719	374	167	199	50	216	248	422	1677	792	2469
61727	62092	2089	2090	73	720	374	168	199	50	216	249	423	1678	793	2471
62092	62457	2090	2091	73	721	374	168	199	50	216	249	424	1680	794	2473
62457	62823	2091	2092	73	721	374	168	199	50	216	249	424	1681	794	2475
62823	63188	2092	2093	73	722	374	168	199	50	216	249	425	1682	795	2477
63188	63553	2093	2094	73	722	374	168	199	50	216	250	426	1683	795	2478
63553	63918	2094	2095	73	723	375	168	199	50	216	250	426	1684	796	2480
63918	64284	2095	2096	73	723	375	168	199	50	216	250	427	1685	796	2482
64284	64649	2096	2097	73	724	375	168	199	50	217	250	427	1686	797	2483
64649	65014	2097	2098	73	724	375	168	199	50	217	251	428	1687	798	2485
65014	65379	2098	2099	73	725	375	168	199	50	217	251	428	1688	798	2486
65379	65745	2099	2100	73	725	375	168	199	50	217	251	429	1689	799	2488
65745	66110	2100	2101	73	726	375	168	199	50	217	251	429	1690	799	2490
66110	66475	2101	2102	74	726	375	168	199	50	217	252	430	1691	800	2491
66475	66840	2102	2103	74	727	375	168	199	50	217	252	430	1692	800	2493
66840	67206	2103	2104	74	727	375	169	199	50	217	252	431	1693	801	2494
67206	67571	2104	2105	74	728	376	169	199	50	217	253	431	1694	801	2496
67571	67936	2105	2106	74	728	376	169	199	50	217	253	432	1695	802	2498
67936	68301	2106	2107	74	729	376	169	199	50	217	253	432	1696	803	2499
68301	68667	2107	2108	74	729	376	169	200	50	217	253	433	1697	803	2500
68667	69032	2108	2109	74	730	376	169	200	50	217	254	433	1698	804	2502
69032	69397	2109	2110	74	730	376	169	200	50	217	254	433	1698	804	2502

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	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.1***	**2.8**
3652	*7305*	1930	1940	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.1***	**2.8**
7305	*14610*	1940	1960	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.1***	**2.8**
14610	*18263*	1960	1970	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.1***	**2.8**
18263	*21915*	1970	1980	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.1***	**2.8**
21915	*24837*	1980	1988	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.1***	**2.8**
24837	*25202*	1988	1989	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.1***	**2.8**
25202	*25567*	1989	1990	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.1***	**2.8**
25567	*25932*	1990	1991	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.1***	**2.8**
25932	*26298*	1991	1992	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.1***	**2.8**
26298	*26663*	1992	1993	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.1***	**2.8**
26663	*27028*	1993	1994	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.1***	**2.8**
27028	*27393*	1994	1995	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.1***	**2.8**
27393	*27759*	1995	1996	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.1***	**2.8**
27759	*28124*	1996	1997	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.1***	**2.8**
28124	*28489*	1997	1998	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.1***	**2.8**
28489	*28854*	1998	1999	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.1***	**2.8**
28854	*29220*	1999	2000	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.1***	**2.8**
29220	*29585*	2000	2001	0.2	1.0	0.9	0.1	0.3	0.0	0.1	0.1	0.1	***1.7***	***1.1***	**2.8**
29585	*29950*	2001	2002	0.3	1.4	3.7	0.2	1.1	0.0	0.3	0.1	0.1	***5.5***	***1.6***	**7.2**
29950	*30315*	2002	2003	0.4	1.6	4.7	0.2	1.2	0.0	0.4	0.1	0.2	***6.8***	***2.0***	**8.9**
30315	*30681*	2003	2004	0.4	1.9	5.2	0.3	1.2	0.0	0.4	0.2	0.2	***7.4***	***2.3***	**9.7**
30681	*31046*	2004	2005	0.4	2.1	5.3	0.3	1.1	0.0	0.4	0.2	0.3	***7.6***	***2.6***	**10.1**
31046	*31411*	2005	2006	0.4	2.4	5.3	0.3	1.1	0.0	0.4	0.2	0.3	***7.5***	***2.8***	**10.4**
31411	*31776*	2006	2007	0.4	2.6	5.2	0.3	1.1	0.0	0.4	0.2	0.3	***7.4***	***3.0***	**10.4**
31776	*32142*	2007	2008	0.4	2.8	5.1	0.3	1.0	0.0	0.3	0.2	0.2	***7.2***	***3.2***	**10.4**
32142	*32507*	2008	2009	0.4	2.9	4.8	0.3	0.9	0.0	0.3	0.2	0.2	***6.7***	***3.3***	**10.0**
32507	*32872*	2009	2010	0.4	3.0	4.6	0.3	0.9	0.0	0.3	0.2	0.2	***6.5***	***3.4***	**9.9**
32872	*33237*	2010	2011	0.4	3.1	4.6	0.3	0.9	0.0	0.3	0.2	0.2	***6.4***	***3.5***	**9.9**
33237	*33603*	2011	2012	0.4	3.2	4.5	0.3	0.9	0.0	0.3	0.2	0.2	***6.4***	***3.6***	**10.0**
33603	*33968*	2012	2013	0.4	3.3	4.5	0.3	0.9	0.0	0.3	0.2	0.2	***6.3***	***3.7***	**10.0**
33968	*34333*	2013	2014	0.4	3.4	4.5	0.3	0.9	0.0	0.3	0.2	0.2	***6.3***	***3.8***	**10.1**
34333	*34698*	2014	2015	0.4	3.4	4.5	0.3	0.9	0.0	0.3	0.2	0.2	***6.3***	***3.8***	**10.1**
34698	*35064*	2015	2016	0.4	3.5	4.5	0.3	0.9	0.0	0.3	0.2	0.2	***6.3***	***3.9***	**10.2**
35064	*35429*	2016	2017	0.4	3.5	4.5	0.3	0.9	0.0	0.3	0.2	0.2	***6.3***	***3.9***	**10.2**
35429	*35794*	2017	2018	0.4	3.5	4.5	0.3	0.9	0.0	0.3	0.2	0.2	***6.4***	***3.9***	**10.3**
35794	*36159*	2018	2019	0.4	3.6	4.5	0.3	0.9	0.0	0.3	0.2	0.2	***6.4***	***4.0***	**10.3**
36159	*36525*	2019	2020	0.4	3.6	4.5	0.3	0.9	0.0	0.3	0.2	0.2	***6.4***	***4.0***	**10.4**
36525	*36890*	2020	2021	0.4	3.6	4.5	0.3	0.9	0.0	0.3	0.2	0.2	***6.4***	***4.0***	**10.4**
36890	*37255*	2021	2022	0.4	3.7	4.6	0.3	0.9	0.0	0.3	0.2	0.2	***6.4***	***4.1***	**10.4**
37255	*37620*	2022	2023	0.4	3.7	4.6	0.3	0.9	0.0	0.3	0.2	0.2	***6.4***	***4.1***	**10.5**
37620	*37986*	2023	2024	0.4	3.7	4.6	0.3	0.9	0.0	0.3	0.2	0.2	***6.4***	***4.1***	**10.5**
37986	*38351*	2024	2025	0.4	3.7	4.9	0.3	1.1	0.0	0.4	0.2	0.2	***7.1***	***4.2***	**11.2**

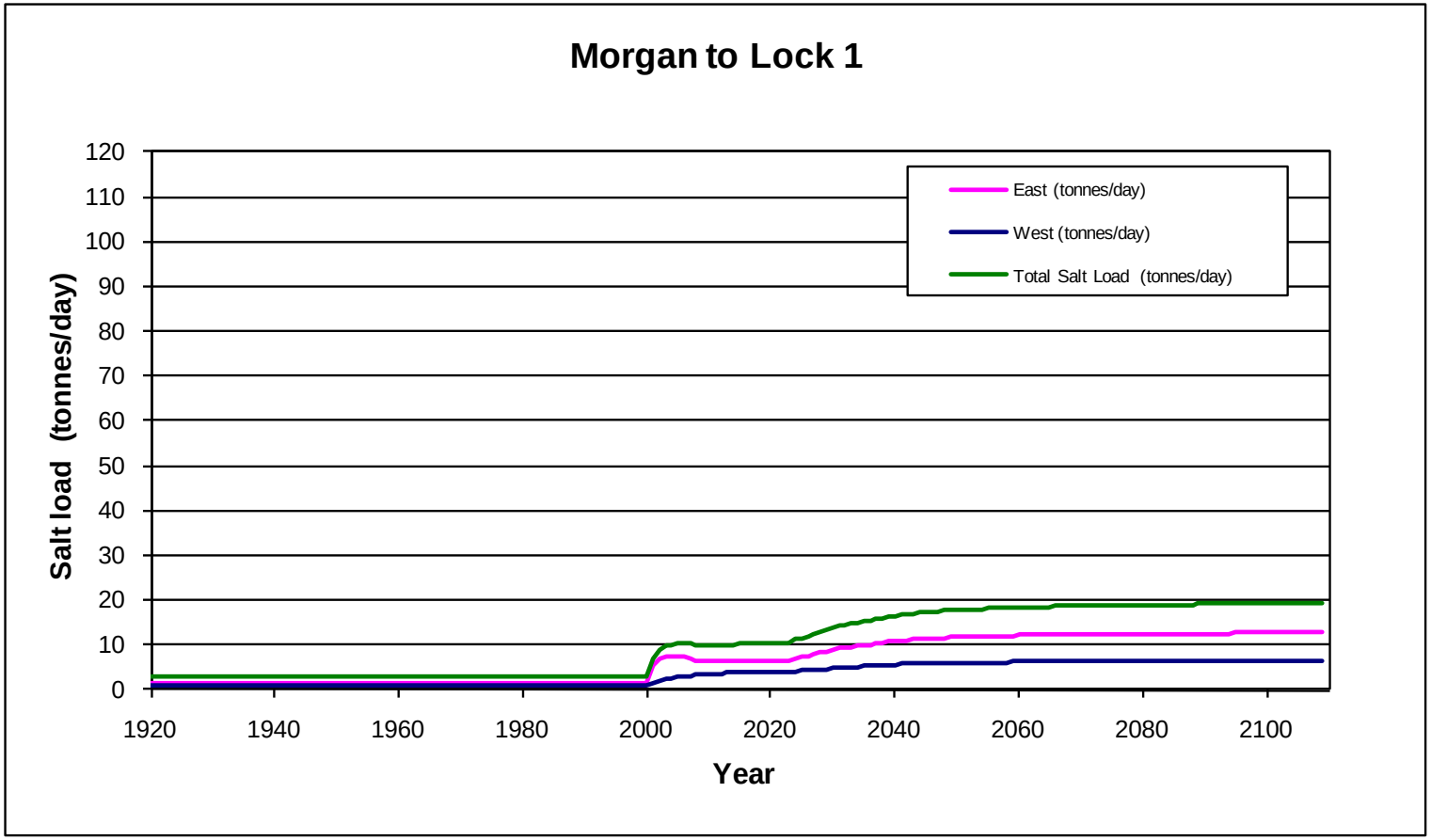
B-2(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Morgan to Lock 1 area (Scenario 5)

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	0.4	3.8	4.9	0.3	1.1	0.0	0.4	0.2	0.2	7.3	4.2	11.5
38716	39081	2026	2027	0.5	3.9	5.0	0.3	1.2	0.1	0.6	0.3	0.3	7.7	4.4	12.0
39081	39447	2027	2028	0.5	4.0	5.0	0.3	1.2	0.1	0.7	0.3	0.3	7.9	4.5	12.4
39447	39812	2028	2029	0.5	4.1	5.0	0.3	1.4	0.1	0.9	0.3	0.4	8.4	4.6	12.9
39812	40177	2029	2030	0.5	4.2	5.0	0.3	1.4	0.1	1.0	0.3	0.5	8.6	4.6	13.2
40177	40542	2030	2031	0.5	4.3	5.2	0.3	1.4	0.1	1.1	0.3	0.6	9.0	4.8	13.8
40542	40908	2031	2032	0.5	4.4	5.2	0.3	1.5	0.1	1.1	0.3	0.7	9.2	4.9	14.2
40908	41273	2032	2033	0.5	4.5	5.3	0.3	1.5	0.1	1.2	0.4	0.7	9.4	5.1	14.5
41273	41638	2033	2034	0.5	4.6	5.3	0.3	1.5	0.1	1.2	0.4	0.8	9.6	5.1	14.7
41638	42003	2034	2035	0.5	4.6	5.3	0.3	1.5	0.1	1.2	0.4	0.8	9.7	5.2	14.9
42003	42369	2035	2036	0.6	4.8	5.4	0.3	1.5	0.1	1.4	0.4	0.9	10.0	5.3	15.3
42369	42734	2036	2037	0.6	4.8	5.4	0.3	1.5	0.1	1.4	0.4	1.0	10.2	5.4	15.6
42734	43099	2037	2038	0.6	4.9	5.4	0.3	1.5	0.1	1.4	0.4	1.2	10.4	5.5	15.8
43099	43464	2038	2039	0.6	4.9	5.4	0.3	1.5	0.1	1.4	0.4	1.3	10.5	5.6	16.1
43464	43830	2039	2040	0.6	5.0	5.4	0.3	1.5	0.1	1.5	0.4	1.5	10.7	5.6	16.3
43830	44195	2040	2041	0.6	5.0	5.4	0.3	1.5	0.1	1.5	0.4	1.6	10.9	5.7	16.5
44195	44560	2041	2042	0.6	5.1	5.4	0.3	1.5	0.1	1.5	0.4	1.7	11.0	5.7	16.7
44560	44925	2042	2043	0.6	5.1	5.4	0.3	1.5	0.1	1.5	0.4	1.8	11.1	5.8	16.9
44925	45291	2043	2044	0.7	5.2	5.4	0.3	1.5	0.1	1.5	0.4	1.9	11.2	5.8	17.1
45291	45656	2044	2045	0.7	5.2	5.4	0.3	1.5	0.1	1.5	0.4	2.0	11.3	5.9	17.2
45656	46021	2045	2046	0.7	5.2	5.5	0.3	1.5	0.1	1.5	0.4	2.1	11.4	5.9	17.3
46021	46386	2046	2047	0.7	5.3	5.5	0.3	1.6	0.1	1.5	0.4	2.1	11.5	5.9	17.4
46386	46752	2047	2048	0.7	5.3	5.5	0.3	1.6	0.1	1.5	0.4	2.2	11.6	6.0	17.5
46752	47117	2048	2049	0.7	5.3	5.5	0.3	1.6	0.1	1.5	0.4	2.3	11.6	6.0	17.6
47117	47482	2049	2050	0.7	5.3	5.5	0.3	1.6	0.1	1.5	0.5	2.3	11.7	6.0	17.7
47482	47847	2050	2051	0.7	5.4	5.5	0.3	1.6	0.1	1.5	0.5	2.4	11.8	6.0	17.8
47847	48213	2051	2052	0.7	5.4	5.5	0.3	1.6	0.1	1.5	0.5	2.4	11.8	6.1	17.9
48213	48578	2052	2053	0.7	5.4	5.5	0.3	1.6	0.1	1.5	0.5	2.4	11.9	6.1	18.0
48578	48943	2053	2054	0.7	5.4	5.5	0.3	1.6	0.1	1.5	0.5	2.5	11.9	6.1	18.0
48943	49308	2054	2055	0.7	5.4	5.5	0.3	1.6	0.1	1.5	0.5	2.5	12.0	6.1	18.1
49308	49674	2055	2056	0.7	5.5	5.5	0.3	1.6	0.1	1.5	0.5	2.5	12.0	6.1	18.1
49674	50039	2056	2057	0.7	5.5	5.5	0.3	1.6	0.1	1.5	0.5	2.6	12.0	6.2	18.2
50039	50404	2057	2058	0.7	5.5	5.5	0.3	1.6	0.1	1.5	0.5	2.6	12.1	6.2	18.2
50404	50769	2058	2059	0.7	5.5	5.5	0.3	1.6	0.1	1.5	0.5	2.6	12.1	6.2	18.3
50769	51135	2059	2060	0.7	5.5	5.5	0.3	1.6	0.1	1.5	0.5	2.6	12.1	6.2	18.3
51135	51500	2060	2061	0.7	5.5	5.5	0.3	1.6	0.1	1.5	0.5	2.7	12.2	6.2	18.4
51500	51865	2061	2062	0.7	5.5	5.5	0.3	1.6	0.1	1.5	0.5	2.7	12.2	6.2	18.4
51865	52230	2062	2063	0.7	5.6	5.5	0.3	1.6	0.1	1.5	0.5	2.7	12.2	6.3	18.5
52230	52596	2063	2064	0.7	5.6	5.5	0.3	1.6	0.1	1.5	0.5	2.7	12.2	6.3	18.5
52596	52961	2064	2065	0.7	5.6	5.5	0.3	1.6	0.1	1.5	0.5	2.7	12.3	6.3	18.5
52961	53326	2065	2066	0.7	5.6	5.5	0.3	1.6	0.1	1.5	0.5	2.7	12.3	6.3	18.6
53326	53691	2066	2067	0.7	5.6	5.5	0.3	1.6	0.1	1.5	0.5	2.8	12.3	6.3	18.6

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	0.7	5.6	5.6	0.3	1.6	0.1	1.5	0.5	2.8	12.3	6.3	18.6
54057	54422	2068	2069	0.7	5.6	5.6	0.3	1.6	0.1	1.5	0.5	2.8	12.3	6.3	18.7
54422	54787	2069	2070	0.7	5.6	5.6	0.3	1.6	0.1	1.5	0.5	2.8	12.4	6.3	18.7
54787	55152	2070	2071	0.7	5.6	5.6	0.3	1.6	0.1	1.5	0.5	2.8	12.4	6.3	18.7
55152	55518	2071	2072	0.7	5.6	5.6	0.3	1.6	0.1	1.5	0.5	2.8	12.4	6.4	18.7
55518	55883	2072	2073	0.7	5.6	5.6	0.3	1.6	0.1	1.5	0.5	2.8	12.4	6.4	18.8
55883	56248	2073	2074	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.8	12.4	6.4	18.8
56248	56613	2074	2075	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.4	6.4	18.8
56613	56979	2075	2076	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.4	6.4	18.8
56979	57344	2076	2077	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.5	6.4	18.9
57344	57709	2077	2078	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.5	6.4	18.9
57709	58074	2078	2079	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.5	6.4	18.9
58074	58440	2079	2080	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.5	6.4	18.9
58440	58805	2080	2081	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.5	6.4	18.9
58805	59170	2081	2082	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.5	6.4	19.0
59170	59535	2082	2083	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.5	6.4	19.0
59535	59901	2083	2084	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.5	6.5	19.0
59901	60266	2084	2085	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.6	6.5	19.0
60266	60631	2085	2086	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.6	6.5	19.0
60631	60996	2086	2087	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	2.9	12.6	6.5	19.0
60996	61362	2087	2088	0.7	5.7	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.6	6.5	19.1
61362	61727	2088	2089	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.6	6.5	19.1
61727	62092	2089	2090	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.6	6.5	19.1
62092	62457	2090	2091	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.6	6.5	19.1
62457	62823	2091	2092	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.6	6.5	19.1
62823	63188	2092	2093	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.6	6.5	19.1
63188	63553	2093	2094	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.6	6.5	19.1
63553	63918	2094	2095	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.6	6.5	19.2
63918	64284	2095	2096	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.5	19.2
64284	64649	2096	2097	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.5	19.2
64649	65014	2097	2098	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.5	19.2
65014	65379	2098	2099	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.5	19.2
65379	65745	2099	2100	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.5	19.2
65745	66110	2100	2101	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.5	19.2
66110	66475	2101	2102	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.5	19.2
66475	66840	2102	2103	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.6	19.2
66840	67206	2103	2104	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.6	19.3
67206	67571	2104	2105	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.6	19.3
67571	67936	2105	2106	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.6	19.3
67936	68301	2106	2107	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.6	19.3
68301	68667	2107	2108	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.6	19.3
68667	69032	2108	2109	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.6	19.3
69032	69397	2109	2110	0.7	5.8	5.6	0.3	1.6	0.1	1.5	0.5	3.0	12.7	6.6	19.3
	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)

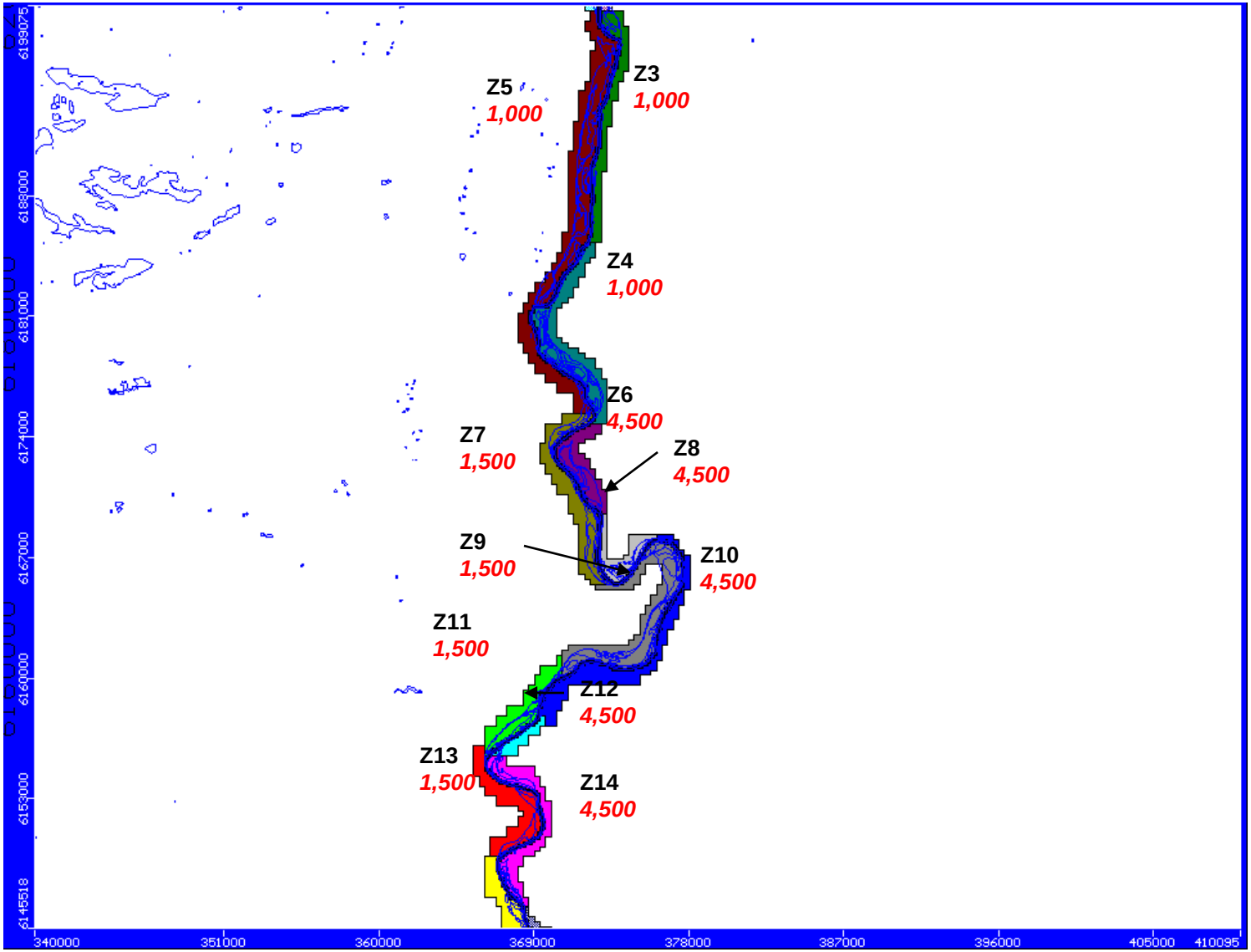
(Transient from 1920 to 2009)

(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 calibration model 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 calibration model 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	635	141	488	17	73	25	6	715	30	8	11	40	*1580*	*609*	2189
3652	*7305*	1930	1940	635	141	488	17	73	25	6	715	30	8	11	40	*1580*	*609*	2189
7305	*14610*	1940	1960	635	141	488	17	73	25	6	751	30	8	11	40	*1617*	*608*	2226
14610	*18263*	1960	1970	635	141	488	17	73	25	6	755	31	8	11	42	*1623*	*609*	2232
18263	*21915*	1970	1980	635	141	488	18	73	26	6	757	31	8	11	44	*1630*	*610*	2240
21915	*24837*	1980	1988	635	141	488	19	75	29	7	759	33	10	12	47	*1641*	*614*	2255
24837	*25202*	1988	1989	636	141	488	19	75	29	7	759	33	10	12	47	*1641*	*614*	2255
25202	*25567*	1989	1990	636	141	488	19	75	29	7	759	33	10	12	47	*1641*	*614*	2255
25567	*25932*	1990	1991	636	141	488	20	76	33	8	759	34	11	12	48	*1649*	*617*	2265
25932	*26298*	1991	1992	636	141	488	20	76	34	8	760	35	11	12	49	*1651*	*618*	2269
26298	*26663*	1992	1993	636	141	488	20	76	35	8	760	35	11	12	49	*1653*	*618*	2271
26663	*27028*	1993	1994	636	141	488	20	76	35	8	760	35	11	12	49	*1653*	*619*	2272
27028	*27393*	1994	1995	637	141	488	20	76	35	8	760	35	11	12	49	*1654*	*619*	2273
27393	*27759*	1995	1996	637	141	488	21	76	35	8	760	35	11	12	50	*1655*	*619*	2274
27759	*28124*	1996	1997	637	141	488	21	76	35	8	760	35	11	12	50	*1655*	*619*	2274
28124	*28489*	1997	1998	637	141	488	21	76	35	8	760	35	12	12	50	*1655*	*619*	2275
28489	*28854*	1998	1999	637	142	488	21	76	36	8	760	35	12	12	50	*1656*	*620*	2275
28854	*29220*	1999	2000	637	142	488	21	76	36	8	760	36	12	13	50	*1656*	*620*	2276
29220	*29585*	2000	2001	638	142	488	21	77	39	8	760	37	12	13	50	*1663*	*622*	2284
29585	*29950*	2001	2002	638	142	488	21	77	40	9	760	37	12	13	50	*1665*	*623*	2288
29950	*30315*	2002	2003	639	142	488	21	77	40	9	760	37	12	13	51	*1666*	*624*	2290
30315	*30681*	2003	2004	639	143	488	21	77	41	9	761	37	13	13	51	*1667*	*624*	2291
30681	*31046*	2004	2005	639	143	488	21	77	41	9	761	38	13	13	51	*1668*	*624*	2292
31046	*31411*	2005	2006	639	143	488	22	77	41	9	761	38	13	13	51	*1669*	*624*	2293
31411	*31776*	2006	2007	639	143	488	22	77	41	9	761	38	13	13	51	*1669*	*625*	2294
31776	*32142*	2007	2008	639	143	488	22	77	41	9	761	38	13	13	51	*1670*	*625*	2295
32142	*32507*	2008	2009	639	144	488	22	77	41	9	761	38	13	13	51	*1670*	*625*	2295
32507	*32872*	2009	2010	639	144	488	22	77	41	9	761	38	13	13	51	*1671*	*625*	2296
32872	*33237*	2010	2011	641	145	488	22	78	43	9	761	39	13	13	51	*1677*	*627*	2304
33237	*33603*	2011	2012	641	146	488	23	78	43	10	761	39	13	13	52	*1679*	*628*	2307
33603	*33968*	2012	2013	641	146	488	23	78	44	10	761	39	13	13	52	*1681*	*629*	2309
33968	*34333*	2013	2014	642	147	488	23	78	44	10	761	39	14	14	52	*1682*	*629*	2311
34333	*34698*	2014	2015	642	147	488	23	79	44	10	761	39	14	14	52	*1683*	*629*	2312
34698	*35064*	2015	2016	642	148	488	23	79	44	10	762	39	14	14	52	*1684*	*630*	2314
35064	*35429*	2016	2017	642	148	488	24	79	44	10	762	39	14	14	52	*1685*	*630*	2315
35429	*35794*	2017	2018	642	149	488	24	79	44	10	762	40	14	14	52	*1686*	*630*	2316
35794	*36159*	2018	2019	642	149	488	24	79	44	10	762	40	14	14	52	*1687*	*630*	2317
36159	*36525*	2019	2020	642	149	488	24	79	44	10	762	40	14	14	52	*1688*	*630*	2318
36525	*36890*	2020	2021	644	152	489	25	79	45	10	762	40	14	14	53	*1695*	*632*	2328
36890	*37255*	2021	2022	645	153	489	25	80	45	10	762	40	14	14	53	*1698*	*634*	2332
37255	*37620*	2022	2023	645	154	490	26	80	46	10	763	40	14	14	53	*1700*	*634*	2335
37620	*37986*	2023	2024	646	155	490	26	80	46	11	763	41	14	14	53	*1702*	*635*	2337
37986	*38351*	2024	2025	646	156	490	27	80	46	11	763	41	14	14	53	*1704*	*635*	2339

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	646	156	490	27	80	46	11	763	41	15	14	53	1706	636	2341
38716	39081	2026	2027	647	157	490	27	80	46	11	763	41	15	14	53	1707	636	2343
39081	39447	2027	2028	647	157	490	28	80	46	11	763	41	15	14	53	1709	636	2345
39447	39812	2028	2029	647	158	490	28	80	46	11	763	41	15	14	53	1710	636	2346
39812	40177	2029	2030	648	158	490	28	80	46	11	763	41	15	14	54	1711	637	2348
40177	40542	2030	2031	650	162	492	29	81	46	11	764	41	15	15	54	1721	639	2360
40542	40908	2031	2032	651	164	492	30	81	47	11	764	42	15	15	55	1725	641	2366
40908	41273	2032	2033	652	165	493	31	81	47	11	764	42	15	15	55	1728	642	2370
41273	41638	2033	2034	652	166	493	32	81	47	11	764	42	15	15	55	1731	642	2374
41638	42003	2034	2035	653	167	493	32	81	47	11	764	42	15	15	55	1734	643	2377
42003	42369	2035	2036	654	168	494	33	81	47	11	765	42	16	15	55	1736	643	2380
42369	42734	2036	2037	654	168	494	33	81	47	11	765	42	16	15	55	1739	644	2382
42734	43099	2037	2038	655	169	494	33	81	47	11	765	42	16	15	56	1741	644	2385
43099	43464	2038	2039	656	170	494	34	82	47	11	765	42	16	15	56	1743	644	2387
43464	43830	2039	2040	656	170	494	34	82	47	11	765	42	16	15	56	1745	644	2389
43830	44195	2040	2041	659	174	496	36	82	48	11	766	43	16	16	57	1756	648	2404
44195	44560	2041	2042	660	176	497	37	83	48	11	766	43	16	16	57	1762	650	2411
44560	44925	2042	2043	662	178	498	38	83	48	11	766	43	16	16	58	1766	651	2417
44925	45291	2043	2044	663	179	498	39	83	48	11	767	43	16	16	58	1770	652	2422
45291	45656	2044	2045	664	180	499	40	83	48	11	767	43	17	16	58	1774	652	2426
45656	46021	2045	2046	665	181	499	41	83	48	11	767	43	17	16	58	1777	653	2430
46021	46386	2046	2047	666	182	499	41	83	49	11	767	43	17	16	59	1780	653	2434
46386	46752	2047	2048	667	182	499	42	83	49	11	768	43	17	16	59	1784	654	2437
46752	47117	2048	2049	669	183	499	42	83	49	11	768	43	17	16	59	1787	654	2440
47117	47482	2049	2050	670	184	500	42	83	49	12	768	43	17	16	59	1790	654	2444
47482	47847	2050	2051	673	188	502	44	84	49	12	769	44	17	17	60	1801	658	2459
47847	48213	2051	2052	675	190	503	46	84	49	12	769	44	18	17	61	1808	660	2468
48213	48578	2052	2053	677	191	504	48	85	50	12	770	44	18	18	61	1814	661	2475
48578	48943	2053	2054	678	192	504	49	85	50	12	770	44	18	18	62	1819	662	2481
48943	49308	2054	2055	680	193	504	49	85	50	12	771	44	18	18	62	1824	663	2486
49308	49674	2055	2056	682	194	505	50	85	50	12	771	44	18	18	62	1828	663	2491
49674	50039	2056	2057	684	195	505	51	85	50	12	771	44	19	18	63	1833	664	2496
50039	50404	2057	2058	685	196	505	51	85	51	12	772	44	19	18	63	1837	664	2501
50404	50769	2058	2059	687	197	505	52	85	51	12	772	44	19	18	63	1841	664	2505
50769	51135	2059	2060	689	198	505	52	85	51	12	773	44	19	18	63	1845	665	2510
51135	51500	2060	2061	692	201	507	54	86	51	12	774	45	19	19	64	1856	669	2525
51500	51865	2061	2062	694	203	508	56	86	52	12	775	45	19	19	65	1864	671	2535
51865	52230	2062	2063	697	205	509	57	87	52	12	775	45	20	20	66	1871	672	2543
52230	52596	2063	2064	699	206	510	59	87	52	12	776	45	20	20	66	1877	673	2550
52596	52961	2064	2065	701	207	510	59	87	52	12	777	45	20	20	66	1883	673	2556
52961	53326	2065	2066	703	208	510	60	87	53	12	777	45	20	20	67	1888	674	2562
53326	53691	2066	2067	706	209	510	61	87	53	12	778	45	20	20	67	1894	674	2568

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	708	210	510	62	87	53	12	779	45	21	21	67	1899	675	2574
54057	54422	2068	2069	710	211	511	62	87	53	12	780	45	21	21	67	1905	675	2580
54422	54787	2069	2070	712	212	511	63	87	54	12	781	45	21	21	68	1910	675	2585
54787	55152	2070	2071	715	215	512	64	88	54	12	782	46	21	22	69	1920	679	2600
55152	55518	2071	2072	718	217	513	66	88	54	12	783	46	21	22	70	1929	681	2610
55518	55883	2072	2073	721	218	514	67	88	55	12	784	46	21	23	70	1936	682	2618
55883	56248	2073	2074	724	219	514	68	88	55	12	785	46	22	23	71	1943	683	2626
56248	56613	2074	2075	726	221	514	69	88	55	12	786	46	22	23	71	1950	684	2634
56613	56979	2075	2076	729	222	514	69	88	56	12	787	46	22	23	71	1957	684	2641
56979	57344	2076	2077	731	223	515	70	88	56	12	789	46	22	24	72	1963	685	2648
57344	57709	2077	2078	734	224	515	71	88	56	12	790	46	22	24	72	1969	685	2655
57709	58074	2078	2079	736	225	515	71	88	57	12	791	46	23	24	72	1976	686	2661
58074	58440	2079	2080	739	227	515	72	88	57	12	793	46	23	24	72	1982	686	2668
58440	58805	2080	2081	742	229	516	73	89	57	12	795	47	23	25	73	1993	689	2682
58805	59170	2081	2082	746	230	517	74	89	58	12	796	47	23	26	74	2002	691	2692
59170	59535	2082	2083	749	232	517	75	89	58	12	798	47	23	26	75	2010	692	2702
59535	59901	2083	2084	752	233	518	76	89	59	12	800	47	24	27	75	2018	693	2711
59901	60266	2084	2085	755	235	518	76	89	59	12	801	47	24	27	76	2026	694	2719
60266	60631	2085	2086	757	236	518	77	90	59	12	803	47	24	28	76	2033	694	2728
60631	60996	2086	2087	760	237	518	78	90	60	12	805	47	24	28	77	2041	695	2736
60996	61362	2087	2088	763	239	518	78	90	60	12	807	47	24	28	77	2048	695	2744
61362	61727	2088	2089	766	240	518	79	90	61	12	809	48	25	28	77	2055	696	2751
61727	62092	2089	2090	769	241	519	79	90	61	12	811	48	25	29	77	2063	696	2759
62092	62457	2090	2091	772	243	520	80	90	61	12	813	48	25	30	78	2074	699	2773
62457	62823	2091	2092	775	245	520	81	90	62	12	816	48	25	30	79	2083	701	2784
62823	63188	2092	2093	779	246	520	82	90	62	12	818	48	26	31	80	2092	702	2794
63188	63553	2093	2094	782	248	521	82	90	63	12	821	48	26	31	80	2101	703	2804
63553	63918	2094	2095	785	249	521	83	90	63	12	823	48	26	32	81	2110	703	2813
63918	64284	2095	2096	788	251	521	83	90	63	12	826	48	26	32	81	2118	704	2822
64284	64649	2096	2097	791	252	521	84	90	64	12	828	49	26	33	82	2127	705	2832
64649	65014	2097	2098	794	253	521	84	90	64	12	831	49	26	33	82	2135	705	2840
65014	65379	2098	2099	797	255	521	85	90	65	12	834	49	27	33	82	2144	706	2849
65379	65745	2099	2100	800	256	521	85	91	65	12	836	49	27	34	83	2152	706	2858
65745	66110	2100	2101	803	258	522	86	91	65	12	840	49	27	35	84	2163	709	2872
66110	66475	2101	2102	807	260	523	86	91	66	12	843	49	27	35	84	2174	710	2884
66475	66840	2102	2103	810	261	523	87	91	66	12	846	49	28	36	85	2184	712	2895
66840	67206	2103	2104	814	263	523	87	91	67	12	849	50	28	37	86	2193	713	2906
67206	67571	2104	2105	817	264	523	88	91	67	12	853	50	28	37	86	2203	713	2917
67571	67936	2105	2106	820	266	523	88	91	68	12	856	50	28	37	87	2213	714	2927
67936	68301	2106	2107	823	267	524	89	91	68	12	860	50	28	38	87	2222	715	2937
68301	68667	2107	2108	826	269	524	89	91	68	12	863	50	29	38	88	2232	716	2948
68667	69032	2108	2109	829	270	524	89	91	69	12	867	50	29	39	88	2241	716	2958
69032	69397	2109	2110	829	270	524	89	91	69	12	867	50	29	39	88	2241	716	2958

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	3.2	0.0	0.0	0.0	0.2	4.4	0.7	5.1
3652	7305	1930	1940	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.2	0.0	0.0	0.0	0.2	4.4	0.7	5.1
7305	14610	1940	1960	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.4	0.0	0.0	0.0	0.2	4.6	0.7	5.2
14610	18263	1960	1970	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.4	0.0	0.0	0.0	0.2	4.6	0.7	5.3
18263	21915	1970	1980	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.4	0.0	0.0	0.0	0.2	4.6	0.7	5.3
21915	24837	1980	1988	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.4	0.0	0.0	0.0	0.2	4.7	0.7	5.3
24837	25202	1988	1989	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.4	0.0	0.0	0.0	0.2	4.7	0.7	5.3
25202	25567	1989	1990	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.4	0.0	0.0	0.0	0.2	4.7	0.7	5.3
25567	25932	1990	1991	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.4	0.1	0.0	0.0	0.2	4.7	0.7	5.4
25932	26298	1991	1992	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.0	0.0	0.2	4.7	0.7	5.4
26298	26663	1992	1993	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.0	0.0	0.2	4.7	0.7	5.4
26663	27028	1993	1994	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.7	0.7	5.4
27028	27393	1994	1995	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.7	0.7	5.4
27393	27759	1995	1996	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.7	0.7	5.4
27759	28124	1996	1997	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.7	0.7	5.4
28124	28489	1997	1998	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.7	0.7	5.4
28489	28854	1998	1999	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.7	0.7	5.4
28854	29220	1999	2000	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.7	0.7	5.4
29220	29585	2000	2001	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.8	0.7	5.4
29585	29950	2001	2002	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.8	0.7	5.5
29950	30315	2002	2003	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.8	0.7	5.5
30315	30681	2003	2004	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.8	0.7	5.5
30681	31046	2004	2005	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.8	0.7	5.5
31046	31411	2005	2006	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.8	0.7	5.5
31411	31776	2006	2007	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.8	0.7	5.5
31776	32142	2007	2008	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.8	0.7	5.5
32142	32507	2008	2009	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.8	0.7	5.5
32507	32872	2009	2010	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.8	0.7	5.5
32872	33237	2010	2011	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.8	0.7	5.5
33237	33603	2011	2012	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.8	0.7	5.5
33603	33968	2012	2013	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.8	0.7	5.5
33968	34333	2013	2014	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.8	0.7	5.5
34333	34698	2014	2015	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.8	0.7	5.5
34698	35064	2015	2016	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.8	0.7	5.5
35064	35429	2016	2017	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.8	0.7	5.5
35429	35794	2017	2018	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.8	0.7	5.5
35794	36159	2018	2019	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.8	0.7	5.5
36159	36525	2019	2020	0.6	0.1	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.8	0.7	5.5
36525	36890	2020	2021	0.6	0.2	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.8	0.7	5.5
36890	37255	2021	2022	0.6	0.2	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.8	0.7	5.6
37255	37620	2022	2023	0.6	0.2	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.9	0.7	5.6
37620	37986	2023	2024	0.6	0.2	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.9	0.7	5.6
37986	38351	2024	2025	0.6	0.2	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.9	0.7	5.6

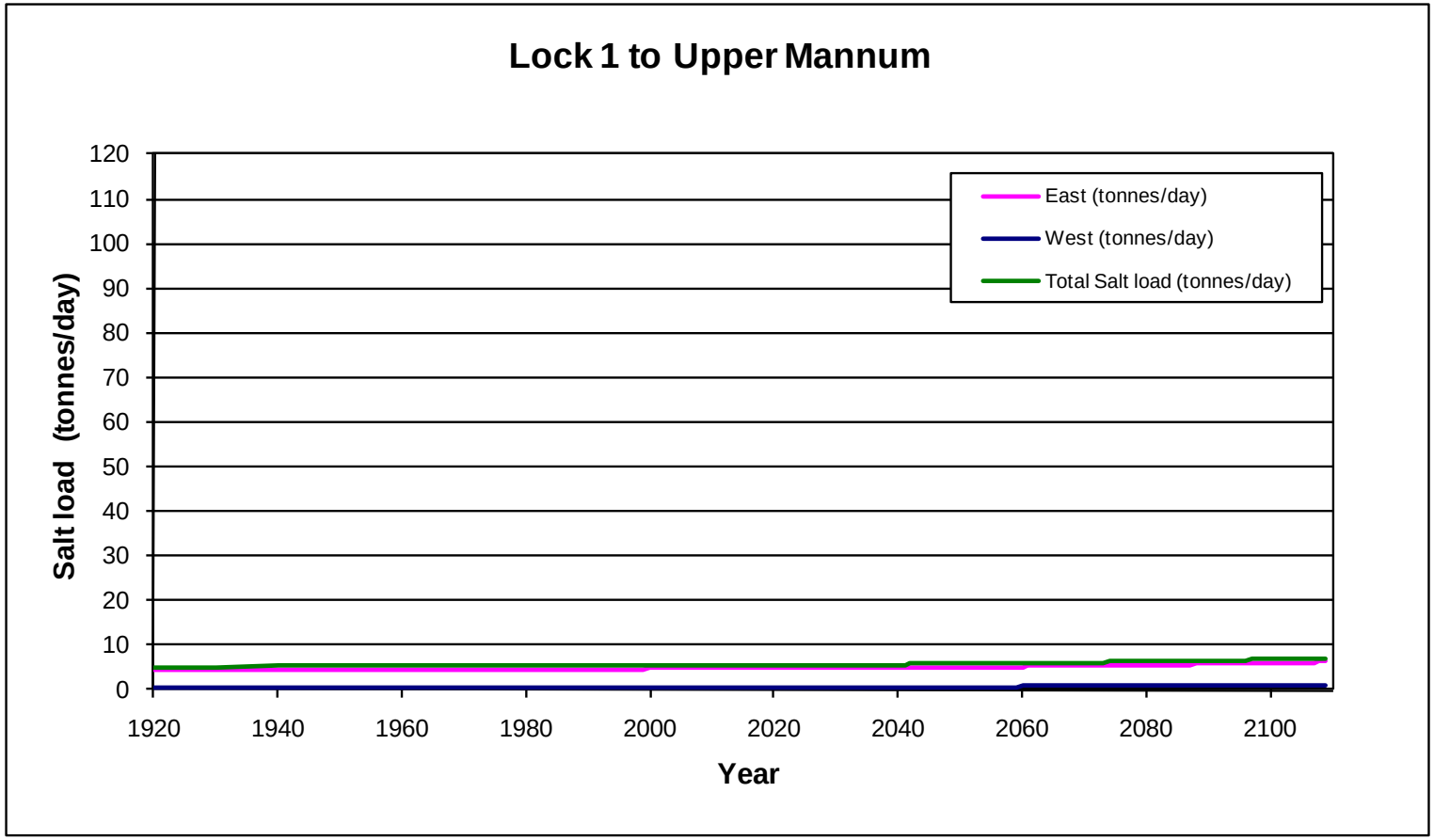
B-3(S2). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 2)

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	0.6	0.2	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.9	0.7	5.6
38716	39081	2026	2027	0.6	0.2	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.9	0.7	5.6
39081	39447	2027	2028	0.6	0.2	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.9	0.7	5.6
39447	39812	2028	2029	0.6	0.2	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.9	0.7	5.6
39812	40177	2029	2030	0.6	0.2	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.9	0.7	5.6
40177	40542	2030	2031	0.7	0.2	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.9	0.7	5.6
40542	40908	2031	2032	0.7	0.2	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.9	0.7	5.6
40908	41273	2032	2033	0.7	0.2	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.9	0.7	5.6
41273	41638	2033	2034	0.7	0.2	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.9	0.7	5.6
41638	42003	2034	2035	0.7	0.2	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.9	0.7	5.7
42003	42369	2035	2036	0.7	0.2	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.9	0.7	5.7
42369	42734	2036	2037	0.7	0.2	0.5	0.1	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.2	4.9	0.7	5.7
42734	43099	2037	2038	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.3	4.9	0.7	5.7
43099	43464	2038	2039	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.3	5.0	0.7	5.7
43464	43830	2039	2040	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.3	5.0	0.7	5.7
43830	44195	2040	2041	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.3	5.0	0.7	5.7
44195	44560	2041	2042	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.3	5.0	0.7	5.7
44560	44925	2042	2043	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.3	5.0	0.7	5.7
44925	45291	2043	2044	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.4	0.1	0.1	0.0	0.3	5.0	0.7	5.7
45291	45656	2044	2045	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.0	0.7	5.8
45656	46021	2045	2046	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.0	0.7	5.8
46021	46386	2046	2047	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.0	0.7	5.8
46386	46752	2047	2048	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.1	0.7	5.8
46752	47117	2048	2049	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.1	0.7	5.8
47117	47482	2049	2050	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.1	0.7	5.8
47482	47847	2050	2051	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.1	0.7	5.8
47847	48213	2051	2052	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.1	0.7	5.8
48213	48578	2052	2053	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.1	0.7	5.9
48578	48943	2053	2054	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.1	0.7	5.9
48943	49308	2054	2055	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.1	0.7	5.9
49308	49674	2055	2056	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.2	0.7	5.9
49674	50039	2056	2057	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.2	0.7	5.9
50039	50404	2057	2058	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.2	0.7	5.9
50404	50769	2058	2059	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.2	0.7	5.9
50769	51135	2059	2060	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.2	0.7	5.9
51135	51500	2060	2061	0.7	0.2	0.5	0.2	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.2	0.7	6.0
51500	51865	2061	2062	0.7	0.2	0.5	0.3	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.2	0.8	6.0
51865	52230	2062	2063	0.7	0.2	0.5	0.3	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.3	0.8	6.0
52230	52596	2063	2064	0.7	0.2	0.5	0.3	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.3	0.8	6.0
52596	52961	2064	2065	0.7	0.2	0.5	0.3	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.3	0.8	6.0
52961	53326	2065	2066	0.7	0.2	0.5	0.3	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.3	0.8	6.1
53326	53691	2066	2067	0.7	0.2	0.5	0.3	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.3	0.8	6.1

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	0.7	0.2	0.5	0.3	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.3	0.8	6.1
54057	54422	2068	2069	0.7	0.2	0.5	0.3	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.3	0.8	6.1
54422	54787	2069	2070	0.7	0.2	0.5	0.3	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.4	0.8	6.1
54787	55152	2070	2071	0.7	0.2	0.5	0.3	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.4	0.8	6.1
55152	55518	2071	2072	0.7	0.2	0.5	0.3	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.4	0.8	6.2
55518	55883	2072	2073	0.7	0.2	0.5	0.3	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.4	0.8	6.2
55883	56248	2073	2074	0.7	0.2	0.5	0.3	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.4	0.8	6.2
56248	56613	2074	2075	0.7	0.2	0.5	0.3	0.1	0.2	0.0	3.5	0.1	0.1	0.0	0.3	5.5	0.8	6.2
56613	56979	2075	2076	0.7	0.2	0.5	0.3	0.1	0.3	0.0	3.5	0.1	0.1	0.0	0.3	5.5	0.8	6.2
56979	57344	2076	2077	0.7	0.2	0.5	0.3	0.1	0.3	0.0	3.5	0.1	0.1	0.0	0.3	5.5	0.8	6.3
57344	57709	2077	2078	0.7	0.2	0.5	0.3	0.1	0.3	0.0	3.6	0.1	0.1	0.0	0.3	5.5	0.8	6.3
57709	58074	2078	2079	0.7	0.2	0.5	0.3	0.1	0.3	0.0	3.6	0.1	0.1	0.0	0.3	5.5	0.8	6.3
58074	58440	2079	2080	0.7	0.2	0.5	0.3	0.1	0.3	0.0	3.6	0.1	0.1	0.0	0.3	5.5	0.8	6.3
58440	58805	2080	2081	0.7	0.2	0.5	0.3	0.1	0.3	0.0	3.6	0.1	0.1	0.0	0.3	5.6	0.8	6.3
58805	59170	2081	2082	0.7	0.2	0.5	0.3	0.1	0.3	0.0	3.6	0.1	0.1	0.0	0.3	5.6	0.8	6.4
59170	59535	2082	2083	0.7	0.2	0.5	0.3	0.1	0.3	0.0	3.6	0.1	0.1	0.0	0.3	5.6	0.8	6.4
59535	59901	2083	2084	0.8	0.2	0.5	0.3	0.1	0.3	0.0	3.6	0.1	0.1	0.0	0.3	5.6	0.8	6.4
59901	60266	2084	2085	0.8	0.2	0.5	0.3	0.1	0.3	0.0	3.6	0.1	0.1	0.0	0.3	5.7	0.8	6.4
60266	60631	2085	2086	0.8	0.2	0.5	0.3	0.1	0.3	0.0	3.6	0.1	0.1	0.0	0.3	5.7	0.8	6.5
60631	60996	2086	2087	0.8	0.2	0.5	0.3	0.1	0.3	0.0	3.6	0.1	0.1	0.0	0.3	5.7	0.8	6.5
60996	61362	2087	2088	0.8	0.2	0.5	0.4	0.1	0.3	0.0	3.6	0.1	0.1	0.0	0.3	5.7	0.8	6.5
61362	61727	2088	2089	0.8	0.2	0.5	0.4	0.1	0.3	0.0	3.6	0.1	0.1	0.0	0.3	5.7	0.8	6.5
61727	62092	2089	2090	0.8	0.2	0.5	0.4	0.1	0.3	0.0	3.6	0.1	0.1	0.0	0.3	5.7	0.8	6.5
62092	62457	2090	2091	0.8	0.2	0.5	0.4	0.1	0.3	0.0	3.7	0.1	0.1	0.0	0.4	5.8	0.8	6.6
62457	62823	2091	2092	0.8	0.2	0.5	0.4	0.1	0.3	0.0	3.7	0.1	0.1	0.0	0.4	5.8	0.8	6.6
62823	63188	2092	2093	0.8	0.2	0.5	0.4	0.1	0.3	0.0	3.7	0.1	0.1	0.0	0.4	5.8	0.8	6.6
63188	63553	2093	2094	0.8	0.2	0.5	0.4	0.1	0.3	0.0	3.7	0.1	0.1	0.0	0.4	5.9	0.8	6.6
63553	63918	2094	2095	0.8	0.2	0.5	0.4	0.1	0.3	0.0	3.7	0.1	0.1	0.0	0.4	5.9	0.8	6.7
63918	64284	2095	2096	0.8	0.3	0.5	0.4	0.1	0.3	0.0	3.7	0.1	0.1	0.0	0.4	5.9	0.8	6.7
64284	64649	2096	2097	0.8	0.3	0.5	0.4	0.1	0.3	0.0	3.7	0.1	0.1	0.0	0.4	5.9	0.8	6.7
64649	65014	2097	2098	0.8	0.3	0.5	0.4	0.1	0.3	0.0	3.7	0.1	0.1	0.0	0.4	5.9	0.8	6.7
65014	65379	2098	2099	0.8	0.3	0.5	0.4	0.1	0.3	0.0	3.8	0.1	0.1	0.0	0.4	6.0	0.8	6.8
65379	65745	2099	2100	0.8	0.3	0.5	0.4	0.1	0.3	0.0	3.8	0.1	0.1	0.1	0.4	6.0	0.8	6.8
65745	66110	2100	2101	0.8	0.3	0.5	0.4	0.1	0.3	0.0	3.8	0.1	0.1	0.1	0.4	6.0	0.8	6.8
66110	66475	2101	2102	0.8	0.3	0.5	0.4	0.1	0.3	0.0	3.8	0.1	0.1	0.1	0.4	6.0	0.8	6.9
66475	66840	2102	2103	0.8	0.3	0.5	0.4	0.1	0.3	0.0	3.8	0.1	0.1	0.1	0.4	6.1	0.8	6.9
66840	67206	2103	2104	0.8	0.3	0.5	0.4	0.1	0.3	0.0	3.8	0.1	0.1	0.1	0.4	6.1	0.8	6.9
67206	67571	2104	2105	0.8	0.3	0.5	0.4	0.1	0.3	0.0	3.8	0.1	0.1	0.1	0.4	6.1	0.8	6.9
67571	67936	2105	2106	0.8	0.3	0.5	0.4	0.1	0.3	0.0	3.9	0.1	0.1	0.1	0.4	6.2	0.8	7.0
67936	68301	2106	2107	0.8	0.3	0.5	0.4	0.1	0.3	0.0	3.9	0.1	0.1	0.1	0.4	6.2	0.8	7.0
68301	68667	2107	2108	0.8	0.3	0.5	0.4	0.1	0.3	0.0	3.9	0.1	0.1	0.1	0.4	6.2	0.8	7.0
68667	69032	2108	2109	0.8	0.3	0.5	0.4	0.1	0.3	0.0	3.9	0.1	0.1	0.1	0.4	6.2	0.8	7.0
69032	69397	2109	2110	0.8	0.3	0.5	0.4	0.1	0.3	0.0	3.9	0.1	0.1	0.1	0.4	6.2	0.8	7.0
	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	635	141	488	17	73	25	6	708	30	8	11	40	*1573*	*610*	2182
3652	*7305*	1930	1940	635	141	488	17	73	25	6	708	30	8	11	40	*1573*	*609*	2182
7305	*14610*	1940	1960	635	141	488	17	73	25	6	708	30	8	11	40	*1574*	*609*	2182
14610	*18263*	1960	1970	635	141	488	17	73	25	6	708	30	8	11	40	*1574*	*608*	2182
18263	*21915*	1970	1980	635	298	488	359	73	34	6	1253	30	8	11	40	*2627*	*608*	3235
21915	*24837*	1980	1988	635	332	487	406	73	48	6	1482	30	8	11	40	*2950*	*608*	3558
24837	*25202*	1988	1989	635	334	487	409	73	50	6	1500	30	8	11	40	*2975*	*608*	3582
25202	*25567*	1989	1990	635	335	487	410	73	51	6	1508	30	8	11	40	*2986*	*608*	3594
25567	*25932*	1990	1991	635	337	487	411	73	51	6	1518	30	8	11	40	*3000*	*608*	3607
25932	*26298*	1991	1992	635	338	487	412	73	52	6	1526	30	8	11	40	*3011*	*608*	3618
26298	*26663*	1992	1993	635	339	487	414	73	53	6	1536	30	8	11	40	*3024*	*608*	3631
26663	*27028*	1993	1994	635	340	487	415	73	54	6	1543	30	8	11	40	*3034*	*608*	3641
27028	*27393*	1994	1995	635	340	487	416	73	54	6	1551	30	8	11	40	*3044*	*608*	3651
27393	*27759*	1995	1996	635	342	487	418	73	56	6	1568	30	8	11	40	*3067*	*608*	3674
27759	*28124*	1996	1997	635	344	487	420	73	57	6	1584	30	8	11	40	*3088*	*608*	3696
28124	*28489*	1997	1998	635	346	487	421	73	59	6	1600	30	8	11	40	*3108*	*608*	3716
28489	*28854*	1998	1999	635	348	487	423	73	60	6	1614	30	8	11	40	*3127*	*608*	3735
28854	*29220*	1999	2000	635	349	487	424	73	61	6	1626	30	8	11	40	*3143*	*607*	3751
29220	*29585*	2000	2001	635	350	487	426	73	62	6	1639	30	8	11	40	*3160*	*607*	3767
29585	*29950*	2001	2002	638	499	489	427	88	64	6	1776	30	11	12	59	*3474*	*625*	4099
29950	*30315*	2002	2003	643	540	490	428	94	65	6	1823	30	19	13	78	*3595*	*634*	4229
30315	*30681*	2003	2004	646	559	491	429	97	66	6	1851	30	28	15	92	*3672*	*639*	4311
30681	*31046*	2004	2005	650	571	492	430	99	67	6	1873	30	36	16	103	*3729*	*642*	4371
31046	*31411*	2005	2006	653	578	492	431	100	68	6	1890	30	44	16	111	*3774*	*644*	4418
31411	*31776*	2006	2007	655	584	492	432	100	69	6	1906	30	50	17	117	*3812*	*646*	4458
31776	*32142*	2007	2008	657	588	493	433	101	69	6	1920	30	55	18	122	*3845*	*648*	4493
32142	*32507*	2008	2009	659	592	493	434	102	70	6	1932	30	60	18	127	*3874*	*649*	4523
32507	*32872*	2009	2010	661	595	493	434	102	71	6	1944	30	64	19	131	*3900*	*650*	4550
32872	*33237*	2010	2011	662	597	493	435	102	72	6	1955	30	68	19	134	*3923*	*652*	4574
33237	*33603*	2011	2012	663	600	493	436	103	73	6	1965	30	71	20	137	*3944*	*652*	4597
33603	*33968*	2012	2013	665	601	494	436	103	73	6	1975	30	74	20	139	*3964*	*653*	4617
33968	*34333*	2013	2014	666	603	494	437	103	74	6	1984	31	76	20	142	*3982*	*654*	4636
34333	*34698*	2014	2015	667	605	494	437	104	74	6	1993	31	79	21	144	*3999*	*655*	4654
34698	*35064*	2015	2016	668	606	494	438	104	75	6	2002	31	81	21	146	*4015*	*656*	4670
35064	*35429*	2016	2017	669	608	494	438	104	76	6	2009	31	83	21	148	*4030*	*656*	4686
35429	*35794*	2017	2018	669	609	494	439	104	76	6	2017	31	84	21	149	*4043*	*657*	4700
35794	*36159*	2018	2019	670	610	494	439	104	77	6	2024	31	86	22	151	*4056*	*657*	4713
36159	*36525*	2019	2020	671	611	494	439	105	77	6	2031	31	87	22	152	*4069*	*658*	4727
36525	*36890*	2020	2021	671	612	494	440	105	78	6	2037	31	88	22	153	*4079*	*658*	4737
36890	*37255*	2021	2022	672	613	494	440	105	78	6	2043	31	90	22	154	*4090*	*659*	4749
37255	*37620*	2022	2023	673	614	494	440	105	78	6	2049	31	91	22	156	*4100*	*659*	4759
37620	*37986*	2023	2024	673	614	494	441	105	79	6	2055	31	92	22	156	*4109*	*659*	4769
37986	*38351*	2024	2025	674	615	494	441	105	79	6	2060	31	92	23	157	*4119*	*660*	4778

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	674	616	494	441	105	79	6	2065	32	93	23	158	4127	660	4787
38716	39081	2026	2027	674	616	494	442	105	80	6	2070	32	94	23	159	4136	660	4796
39081	39447	2027	2028	675	617	494	442	105	80	6	2075	32	95	23	160	4144	661	4804
39447	39812	2028	2029	675	618	494	442	105	80	6	2080	32	95	23	161	4151	661	4812
39812	40177	2029	2030	676	618	494	442	105	81	6	2084	32	96	23	162	4159	661	4820
40177	40542	2030	2031	676	619	494	443	105	81	6	2089	32	97	23	162	4167	661	4828
40542	40908	2031	2032	677	619	494	443	105	81	6	2093	32	97	23	163	4174	661	4835
40908	41273	2032	2033	677	620	494	443	106	82	6	2098	32	98	23	164	4180	662	4842
41273	41638	2033	2034	677	621	494	443	106	82	6	2102	32	98	24	164	4187	662	4849
41638	42003	2034	2035	678	621	494	443	106	82	6	2106	32	99	24	165	4194	662	4856
42003	42369	2035	2036	678	622	494	444	106	82	6	2110	32	99	24	166	4200	662	4862
42369	42734	2036	2037	678	622	494	444	106	83	6	2113	32	99	24	166	4205	662	4867
42734	43099	2037	2038	678	622	494	444	106	83	6	2116	32	100	24	167	4210	662	4872
43099	43464	2038	2039	679	623	494	444	106	83	6	2120	32	100	24	167	4216	663	4879
43464	43830	2039	2040	679	623	494	444	106	83	6	2123	32	101	24	168	4221	663	4884
43830	44195	2040	2041	679	624	494	444	106	84	6	2127	32	101	24	168	4227	663	4890
44195	44560	2041	2042	680	624	494	445	106	84	6	2130	32	101	24	169	4231	663	4894
44560	44925	2042	2043	680	624	494	445	106	84	6	2133	32	102	24	169	4236	663	4899
44925	45291	2043	2044	680	625	494	445	106	84	6	2136	32	102	24	169	4242	663	4905
45291	45656	2044	2045	680	625	494	445	106	84	6	2139	32	102	24	170	4246	663	4909
45656	46021	2045	2046	681	626	494	445	106	85	6	2142	32	102	24	170	4250	663	4914
46021	46386	2046	2047	681	626	494	445	106	85	6	2144	32	103	24	171	4254	663	4918
46386	46752	2047	2048	681	626	494	445	106	85	6	2147	32	103	24	171	4258	664	4922
46752	47117	2048	2049	681	626	494	445	106	85	6	2150	33	103	24	171	4263	664	4926
47117	47482	2049	2050	682	627	494	446	106	85	6	2153	33	103	24	172	4267	664	4931
47482	47847	2050	2051	682	627	494	446	106	85	6	2155	33	104	24	172	4271	664	4935
47847	48213	2051	2052	682	627	494	446	106	85	6	2158	33	104	25	172	4275	664	4939
48213	48578	2052	2053	682	628	494	446	106	86	6	2160	33	104	25	173	4279	664	4943
48578	48943	2053	2054	682	628	494	446	106	86	6	2163	33	104	25	173	4282	664	4946
48943	49308	2054	2055	683	628	494	446	106	86	6	2165	33	104	25	173	4286	664	4950
49308	49674	2055	2056	683	629	494	446	106	86	6	2168	33	104	25	174	4290	664	4954
49674	50039	2056	2057	683	629	494	446	106	86	6	2170	33	105	25	174	4293	664	4957
50039	50404	2057	2058	683	629	494	446	106	86	6	2172	33	105	25	174	4297	664	4961
50404	50769	2058	2059	683	629	494	447	106	86	6	2175	33	105	25	175	4300	664	4964
50769	51135	2059	2060	684	630	494	447	106	87	6	2177	33	105	25	175	4303	664	4968
51135	51500	2060	2061	684	630	494	447	106	87	7	2179	33	105	25	175	4307	664	4971
51500	51865	2061	2062	684	630	494	447	106	87	7	2181	33	105	25	176	4310	664	4974
51865	52230	2062	2063	684	631	494	447	106	87	7	2183	33	105	25	176	4313	664	4978
52230	52596	2063	2064	684	631	494	447	106	87	7	2185	33	106	25	176	4316	665	4980
52596	52961	2064	2065	685	631	494	447	106	87	7	2187	33	106	25	176	4319	665	4984
52961	53326	2065	2066	685	631	494	447	106	87	7	2189	33	106	25	177	4322	665	4986
53326	53691	2066	2067	685	631	494	447	106	87	7	2191	33	106	25	177	4324	665	4989

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	685	632	494	447	106	88	7	2192	33	106	25	177	4327	665	4991
54057	54422	2068	2069	685	632	494	447	106	88	7	2194	33	106	25	177	4329	665	4994
54422	54787	2069	2070	685	632	494	447	106	88	7	2196	33	106	25	177	4332	665	4997
54787	55152	2070	2071	686	632	494	447	106	88	7	2198	33	106	25	178	4334	665	4999
55152	55518	2071	2072	686	632	494	448	106	88	7	2199	33	106	25	178	4337	665	5002
55518	55883	2072	2073	686	633	494	448	106	88	7	2201	33	107	25	178	4339	665	5004
55883	56248	2073	2074	686	633	494	448	106	88	7	2203	33	107	25	178	4342	665	5007
56248	56613	2074	2075	686	633	494	448	106	88	7	2204	33	107	25	178	4345	665	5010
56613	56979	2075	2076	686	633	494	448	106	88	7	2206	33	107	25	179	4347	665	5012
56979	57344	2076	2077	686	633	494	448	106	88	7	2208	33	107	25	179	4350	665	5014
57344	57709	2077	2078	687	634	494	448	106	88	7	2209	33	107	25	179	4352	665	5017
57709	58074	2078	2079	687	634	494	448	106	89	7	2211	33	107	25	179	4354	665	5019
58074	58440	2079	2080	687	634	494	448	106	89	7	2212	33	107	25	179	4356	665	5021
58440	58805	2080	2081	687	634	494	448	106	89	7	2213	33	107	25	180	4358	665	5023
58805	59170	2081	2082	687	634	494	448	106	89	7	2214	33	107	25	180	4360	665	5025
59170	59535	2082	2083	687	634	494	448	106	89	7	2215	33	107	25	180	4361	665	5026
59535	59901	2083	2084	687	635	494	448	106	89	7	2217	33	107	25	180	4363	665	5029
59901	60266	2084	2085	687	635	494	448	106	89	7	2218	33	107	25	180	4366	665	5031
60266	60631	2085	2086	688	635	494	448	106	89	7	2220	33	108	25	180	4367	665	5033
60631	60996	2086	2087	688	635	494	448	106	89	7	2221	33	108	25	180	4369	665	5034
60996	61362	2087	2088	688	635	494	448	106	89	7	2222	33	108	25	181	4371	665	5036
61362	61727	2088	2089	688	635	494	448	106	89	7	2223	33	108	25	181	4372	665	5037
61727	62092	2089	2090	688	635	494	449	106	89	7	2224	33	108	25	181	4373	665	5038
62092	62457	2090	2091	688	636	494	449	106	89	7	2225	33	108	25	181	4375	665	5040
62457	62823	2091	2092	688	636	494	449	106	89	7	2226	33	108	25	181	4376	665	5041
62823	63188	2092	2093	688	636	494	449	106	89	7	2227	33	108	25	181	4377	665	5043
63188	63553	2093	2094	688	636	494	449	106	89	7	2227	33	108	25	181	4379	665	5044
63553	63918	2094	2095	688	636	494	449	106	89	7	2228	33	108	25	181	4380	665	5045
63918	64284	2095	2096	689	636	494	449	106	90	7	2229	33	108	25	181	4382	665	5047
64284	64649	2096	2097	689	636	494	449	106	90	7	2230	33	108	25	182	4383	665	5048
64649	65014	2097	2098	689	636	494	449	106	90	7	2231	33	108	25	182	4384	665	5049
65014	65379	2098	2099	689	636	494	449	106	90	7	2232	33	108	25	182	4385	665	5051
65379	65745	2099	2100	689	636	494	449	106	90	7	2233	33	108	25	182	4386	665	5052
65745	66110	2100	2101	689	637	494	449	106	90	7	2233	33	108	25	182	4388	665	5053
66110	66475	2101	2102	689	637	494	449	106	90	7	2234	33	108	25	182	4389	665	5054
66475	66840	2102	2103	689	637	494	449	106	90	7	2235	33	108	25	182	4390	665	5055
66840	67206	2103	2104	689	637	494	449	106	90	7	2236	33	108	25	182	4391	665	5056
67206	67571	2104	2105	689	637	494	449	106	90	7	2237	33	108	25	182	4392	665	5058
67571	67936	2105	2106	689	637	494	449	106	90	7	2237	33	108	25	182	4393	665	5059
67936	68301	2106	2107	689	637	494	449	106	90	7	2238	33	108	25	182	4395	665	5060
68301	68667	2107	2108	689	637	494	449	106	90	7	2239	33	108	25	183	4396	665	5061
68667	69032	2108	2109	690	637	494	449	106	90	7	2240	33	108	25	183	4397	665	5062
69032	69397	2109	2110	690	637	494	449	106	90	7	2240	33	108	25	183	4397	665	5062

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	3.2	0.0	0.0	0.0	0.2	4.4	0.7	5.0
3652	7305	1930	1940	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.2	0.0	0.0	0.0	0.2	4.4	0.7	5.0
7305	14610	1940	1960	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.2	0.0	0.0	0.0	0.2	4.4	0.7	5.0
14610	18263	1960	1970	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.2	0.0	0.0	0.0	0.2	4.4	0.7	5.0
18263	21915	1970	1980	0.6	0.3	0.5	1.6	0.1	0.2	0.0	5.6	0.0	0.0	0.0	0.2	8.6	0.7	9.2
21915	24837	1980	1988	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.2	9.9	0.7	10.6
24837	25202	1988	1989	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.2	10.0	0.7	10.7
25202	25567	1989	1990	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.8	0.0	0.0	0.0	0.2	10.0	0.7	10.7
25567	25932	1990	1991	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.8	0.0	0.0	0.0	0.2	10.1	0.7	10.8
25932	26298	1991	1992	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.9	0.0	0.0	0.0	0.2	10.1	0.7	10.8
26298	26663	1992	1993	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.9	0.0	0.0	0.0	0.2	10.2	0.7	10.9
26663	27028	1993	1994	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.9	0.0	0.0	0.0	0.2	10.2	0.7	10.9
27028	27393	1994	1995	0.6	0.3	0.5	1.9	0.1	0.2	0.0	7.0	0.0	0.0	0.0	0.2	10.3	0.7	11.0
27393	27759	1995	1996	0.6	0.3	0.5	1.9	0.1	0.3	0.0	7.1	0.0	0.0	0.0	0.2	10.4	0.7	11.0
27759	28124	1996	1997	0.6	0.3	0.5	1.9	0.1	0.3	0.0	7.1	0.0	0.0	0.0	0.2	10.5	0.7	11.1
28124	28489	1997	1998	0.6	0.3	0.5	1.9	0.1	0.3	0.0	7.2	0.0	0.0	0.0	0.2	10.6	0.7	11.2
28489	28854	1998	1999	0.6	0.3	0.5	1.9	0.1	0.3	0.0	7.3	0.0	0.0	0.0	0.2	10.6	0.7	11.3
28854	29220	1999	2000	0.6	0.3	0.5	1.9	0.1	0.3	0.0	7.3	0.0	0.0	0.0	0.2	10.7	0.7	11.4
29220	29585	2000	2001	0.6	0.4	0.5	1.9	0.1	0.3	0.0	7.4	0.0	0.0	0.0	0.2	10.8	0.7	11.4
29585	29950	2001	2002	0.6	0.5	0.5	1.9	0.1	0.3	0.0	8.0	0.0	0.1	0.0	0.3	11.7	0.7	12.3
29950	30315	2002	2003	0.6	0.5	0.5	1.9	0.1	0.3	0.0	8.2	0.0	0.1	0.0	0.4	12.0	0.7	12.7
30315	30681	2003	2004	0.6	0.6	0.5	1.9	0.1	0.3	0.0	8.3	0.0	0.1	0.0	0.4	12.3	0.7	13.0
30681	31046	2004	2005	0.6	0.6	0.5	1.9	0.1	0.3	0.0	8.4	0.0	0.2	0.0	0.5	12.5	0.7	13.2
31046	31411	2005	2006	0.7	0.6	0.5	1.9	0.1	0.3	0.0	8.5	0.0	0.2	0.0	0.5	12.7	0.7	13.4
31411	31776	2006	2007	0.7	0.6	0.5	1.9	0.2	0.3	0.0	8.6	0.0	0.2	0.0	0.5	12.8	0.7	13.5
31776	32142	2007	2008	0.7	0.6	0.5	1.9	0.2	0.3	0.0	8.6	0.0	0.2	0.0	0.6	12.9	0.7	13.7
32142	32507	2008	2009	0.7	0.6	0.5	2.0	0.2	0.3	0.0	8.7	0.0	0.3	0.0	0.6	13.1	0.7	13.8
32507	32872	2009	2010	0.7	0.6	0.5	2.0	0.2	0.3	0.0	8.7	0.0	0.3	0.0	0.6	13.2	0.7	13.9
32872	33237	2010	2011	0.7	0.6	0.5	2.0	0.2	0.3	0.0	8.8	0.0	0.3	0.0	0.6	13.2	0.7	14.0
33237	33603	2011	2012	0.7	0.6	0.5	2.0	0.2	0.3	0.0	8.8	0.0	0.3	0.0	0.6	13.3	0.7	14.1
33603	33968	2012	2013	0.7	0.6	0.5	2.0	0.2	0.3	0.0	8.9	0.0	0.3	0.0	0.6	13.4	0.7	14.1
33968	34333	2013	2014	0.7	0.6	0.5	2.0	0.2	0.3	0.0	8.9	0.0	0.3	0.0	0.6	13.5	0.7	14.2
34333	34698	2014	2015	0.7	0.6	0.5	2.0	0.2	0.3	0.0	9.0	0.0	0.4	0.0	0.6	13.5	0.7	14.3
34698	35064	2015	2016	0.7	0.6	0.5	2.0	0.2	0.3	0.0	9.0	0.0	0.4	0.0	0.7	13.6	0.7	14.3
35064	35429	2016	2017	0.7	0.6	0.5	2.0	0.2	0.3	0.0	9.0	0.0	0.4	0.0	0.7	13.7	0.7	14.4
35429	35794	2017	2018	0.7	0.6	0.5	2.0	0.2	0.3	0.0	9.1	0.0	0.4	0.0	0.7	13.7	0.7	14.5
35794	36159	2018	2019	0.7	0.6	0.5	2.0	0.2	0.3	0.0	9.1	0.0	0.4	0.0	0.7	13.8	0.7	14.5
36159	36525	2019	2020	0.7	0.6	0.5	2.0	0.2	0.3	0.0	9.1	0.0	0.4	0.0	0.7	13.8	0.7	14.6
36525	36890	2020	2021	0.7	0.6	0.5	2.0	0.2	0.3	0.0	9.2	0.0	0.4	0.0	0.7	13.9	0.7	14.6
36890	37255	2021	2022	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.2	0.0	0.4	0.0	0.7	13.9	0.7	14.6
37255	37620	2022	2023	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.2	0.0	0.4	0.0	0.7	13.9	0.7	14.7
37620	37986	2023	2024	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.2	0.0	0.4	0.0	0.7	14.0	0.7	14.7
37986	38351	2024	2025	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.3	0.0	0.4	0.0	0.7	14.0	0.7	14.8

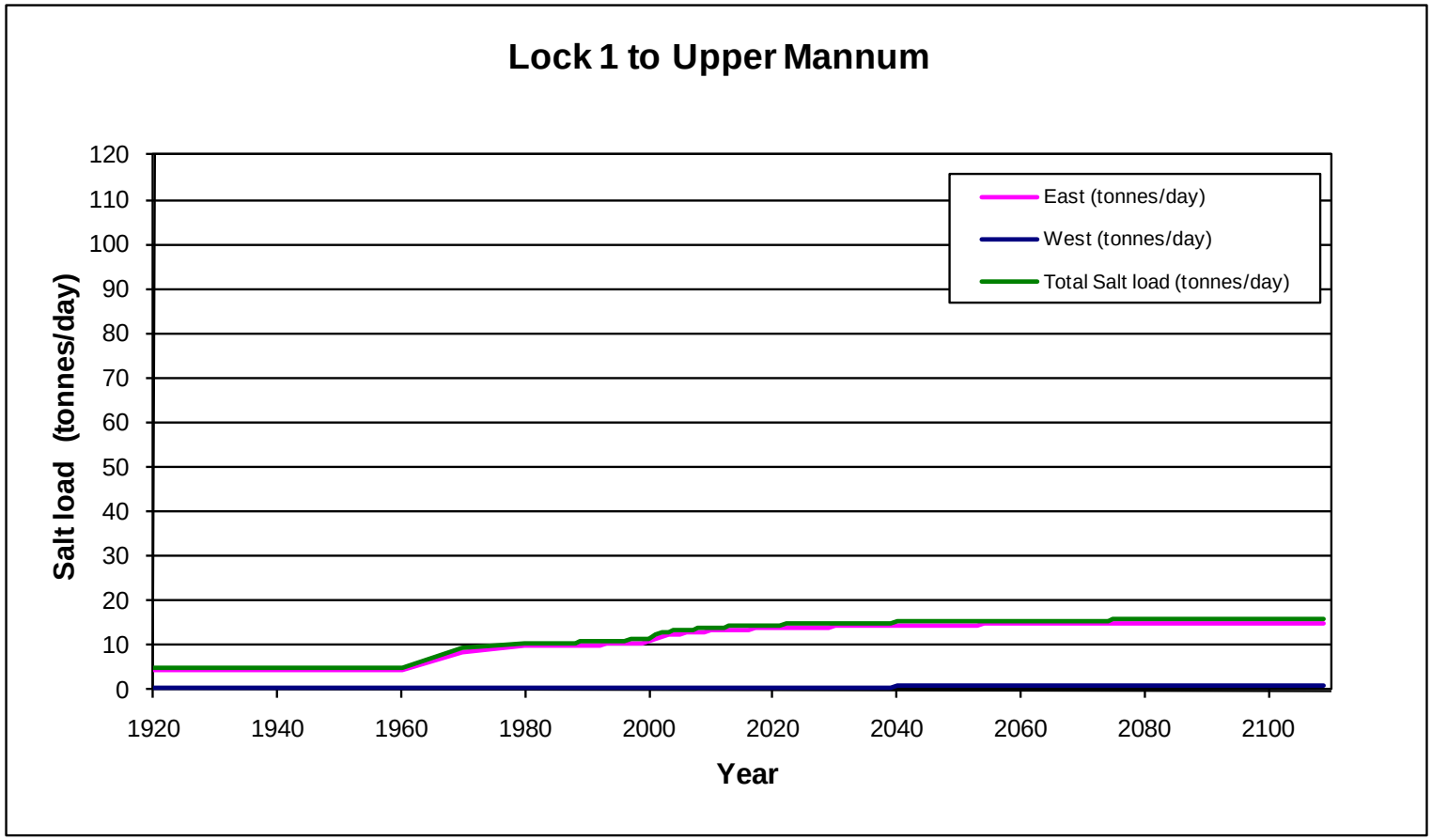
B-3(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 3a)

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	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.3	0.0	0.4	0.0	0.7	14.1	0.7	14.8
38716	39081	2026	2027	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.3	0.0	0.4	0.0	0.7	14.1	0.7	14.8
39081	39447	2027	2028	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.3	0.0	0.4	0.0	0.7	14.1	0.7	14.9
39447	39812	2028	2029	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.4	0.0	0.4	0.0	0.7	14.2	0.7	14.9
39812	40177	2029	2030	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.4	0.0	0.4	0.0	0.7	14.2	0.7	14.9
40177	40542	2030	2031	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.4	0.0	0.4	0.0	0.7	14.2	0.7	15.0
40542	40908	2031	2032	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.4	0.0	0.4	0.0	0.7	14.2	0.7	15.0
40908	41273	2032	2033	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.4	0.0	0.4	0.0	0.7	14.3	0.7	15.0
41273	41638	2033	2034	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.5	0.0	0.4	0.0	0.7	14.3	0.7	15.0
41638	42003	2034	2035	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.5	0.0	0.4	0.0	0.7	14.3	0.7	15.1
42003	42369	2035	2036	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.5	0.0	0.4	0.0	0.7	14.4	0.7	15.1
42369	42734	2036	2037	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.5	0.0	0.4	0.0	0.7	14.4	0.7	15.1
42734	43099	2037	2038	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.5	0.0	0.4	0.0	0.7	14.4	0.7	15.1
43099	43464	2038	2039	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.5	0.0	0.5	0.0	0.8	14.4	0.7	15.2
43464	43830	2039	2040	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.6	0.0	0.5	0.0	0.8	14.4	0.7	15.2
43830	44195	2040	2041	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.6	0.0	0.5	0.0	0.8	14.5	0.7	15.2
44195	44560	2041	2042	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.6	0.0	0.5	0.0	0.8	14.5	0.7	15.2
44560	44925	2042	2043	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.6	0.0	0.5	0.0	0.8	14.5	0.7	15.2
44925	45291	2043	2044	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.6	0.0	0.5	0.0	0.8	14.5	0.7	15.3
45291	45656	2044	2045	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.6	0.0	0.5	0.0	0.8	14.5	0.7	15.3
45656	46021	2045	2046	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.6	0.0	0.5	0.0	0.8	14.6	0.7	15.3
46021	46386	2046	2047	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.6	0.0	0.5	0.0	0.8	14.6	0.7	15.3
46386	46752	2047	2048	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.7	0.0	0.5	0.0	0.8	14.6	0.7	15.3
46752	47117	2048	2049	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.7	0.0	0.5	0.0	0.8	14.6	0.7	15.4
47117	47482	2049	2050	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.7	0.0	0.5	0.0	0.8	14.6	0.7	15.4
47482	47847	2050	2051	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.7	0.0	0.5	0.0	0.8	14.6	0.7	15.4
47847	48213	2051	2052	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.7	0.0	0.5	0.0	0.8	14.7	0.7	15.4
48213	48578	2052	2053	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.7	0.0	0.5	0.0	0.8	14.7	0.7	15.4
48578	48943	2053	2054	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.7	0.0	0.5	0.0	0.8	14.7	0.7	15.4
48943	49308	2054	2055	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.7	0.0	0.5	0.0	0.8	14.7	0.7	15.4
49308	49674	2055	2056	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.8	0.0	0.5	0.0	0.8	14.7	0.7	15.5
49674	50039	2056	2057	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.8	0.0	0.5	0.0	0.8	14.7	0.7	15.5
50039	50404	2057	2058	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.8	0.0	0.5	0.0	0.8	14.7	0.7	15.5
50404	50769	2058	2059	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.8	0.0	0.5	0.0	0.8	14.8	0.7	15.5
50769	51135	2059	2060	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.8	0.0	0.5	0.0	0.8	14.8	0.7	15.5
51135	51500	2060	2061	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.8	0.0	0.5	0.0	0.8	14.8	0.7	15.5
51500	51865	2061	2062	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.8	0.0	0.5	0.0	0.8	14.8	0.7	15.5
51865	52230	2062	2063	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.8	0.0	0.5	0.0	0.8	14.8	0.7	15.6
52230	52596	2063	2064	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.8	0.0	0.5	0.0	0.8	14.8	0.7	15.6
52596	52961	2064	2065	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.8	0.0	0.5	0.0	0.8	14.8	0.7	15.6
52961	53326	2065	2066	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.9	0.0	0.5	0.0	0.8	14.8	0.7	15.6
53326	53691	2066	2067	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.9	0.0	0.5	0.0	0.8	14.9	0.7	15.6

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	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.9	0.0	0.5	0.0	0.8	14.9	0.7	15.6
54057	54422	2068	2069	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.9	0.0	0.5	0.0	0.8	14.9	0.7	15.6
54422	54787	2069	2070	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.9	0.0	0.5	0.0	0.8	14.9	0.8	15.6
54787	55152	2070	2071	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.9	0.0	0.5	0.0	0.8	14.9	0.8	15.6
55152	55518	2071	2072	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.9	0.0	0.5	0.0	0.8	14.9	0.8	15.7
55518	55883	2072	2073	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.9	0.0	0.5	0.0	0.8	14.9	0.8	15.7
55883	56248	2073	2074	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.9	0.0	0.5	0.0	0.8	14.9	0.8	15.7
56248	56613	2074	2075	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.9	0.0	0.5	0.0	0.8	14.9	0.8	15.7
56613	56979	2075	2076	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.9	0.0	0.5	0.0	0.8	14.9	0.8	15.7
56979	57344	2076	2077	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.9	0.0	0.5	0.0	0.8	15.0	0.8	15.7
57344	57709	2077	2078	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.9	0.0	0.5	0.0	0.8	15.0	0.8	15.7
57709	58074	2078	2079	0.7	0.6	0.5	2.0	0.2	0.4	0.0	9.9	0.0	0.5	0.0	0.8	15.0	0.8	15.7
58074	58440	2079	2080	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.0	0.0	0.5	0.0	0.8	15.0	0.8	15.7
58440	58805	2080	2081	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.0	0.0	0.5	0.0	0.8	15.0	0.8	15.7
58805	59170	2081	2082	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.0	0.0	0.5	0.0	0.8	15.0	0.8	15.7
59170	59535	2082	2083	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.0	0.0	0.5	0.0	0.8	15.0	0.8	15.7
59535	59901	2083	2084	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.0	0.0	0.5	0.0	0.8	15.0	0.8	15.8
59901	60266	2084	2085	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.0	0.0	0.5	0.0	0.8	15.0	0.8	15.8
60266	60631	2085	2086	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.0	0.0	0.5	0.0	0.8	15.0	0.8	15.8
60631	60996	2086	2087	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.0	0.0	0.5	0.0	0.8	15.0	0.8	15.8
60996	61362	2087	2088	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.0	0.0	0.5	0.0	0.8	15.0	0.8	15.8
61362	61727	2088	2089	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.0	0.0	0.5	0.0	0.8	15.0	0.8	15.8
61727	62092	2089	2090	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.0	0.0	0.5	0.0	0.8	15.0	0.8	15.8
62092	62457	2090	2091	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.0	0.0	0.5	0.0	0.8	15.1	0.8	15.8
62457	62823	2091	2092	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.0	0.0	0.5	0.0	0.8	15.1	0.8	15.8
62823	63188	2092	2093	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.0	0.0	0.5	0.0	0.8	15.1	0.8	15.8
63188	63553	2093	2094	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.0	0.0	0.5	0.0	0.8	15.1	0.8	15.8
63553	63918	2094	2095	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.0	0.0	0.5	0.0	0.8	15.1	0.8	15.8
63918	64284	2095	2096	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.0	0.0	0.5	0.0	0.8	15.1	0.8	15.8
64284	64649	2096	2097	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.0	0.0	0.5	0.0	0.8	15.1	0.8	15.8
64649	65014	2097	2098	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.0	0.0	0.5	0.0	0.8	15.1	0.8	15.8
65014	65379	2098	2099	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.0	0.0	0.5	0.0	0.8	15.1	0.8	15.8
65379	65745	2099	2100	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.0	0.0	0.5	0.0	0.8	15.1	0.8	15.9
65745	66110	2100	2101	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.1	0.0	0.5	0.0	0.8	15.1	0.8	15.9
66110	66475	2101	2102	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.1	0.0	0.5	0.0	0.8	15.1	0.8	15.9
66475	66840	2102	2103	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.1	0.0	0.5	0.0	0.8	15.1	0.8	15.9
66840	67206	2103	2104	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.1	0.0	0.5	0.0	0.8	15.1	0.8	15.9
67206	67571	2104	2105	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.1	0.0	0.5	0.0	0.8	15.1	0.8	15.9
67571	67936	2105	2106	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.1	0.0	0.5	0.0	0.8	15.1	0.8	15.9
67936	68301	2106	2107	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.1	0.0	0.5	0.0	0.8	15.1	0.8	15.9
68301	68667	2107	2108	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.1	0.0	0.5	0.0	0.8	15.1	0.8	15.9
68667	69032	2108	2109	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.1	0.0	0.5	0.0	0.8	15.1	0.8	15.9
69032	69397	2109	2110	0.7	0.6	0.5	2.0	0.2	0.4	0.0	10.1	0.0	0.5	0.0	0.8	15.1	0.8	15.9
	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	635	141	488	17	73	25	6	708	30	8	11	40	***1573***	***610***	**2182**
3652	*7305*	1930	1940	635	141	488	17	73	25	6	708	30	8	11	40	***1573***	***609***	**2182**
7305	*14610*	1940	1960	635	141	488	17	73	25	6	708	30	8	11	40	***1574***	***609***	**2182**
14610	*18263*	1960	1970	635	141	488	17	73	25	6	708	30	8	11	40	***1574***	***608***	**2182**
18263	*21915*	1970	1980	635	298	488	359	73	34	6	1253	30	8	11	40	***2627***	***608***	**3235**
21915	*24837*	1980	1988	635	332	487	406	73	48	6	1482	30	8	11	40	***2950***	***608***	**3558**
24837	*25202*	1988	1989	635	334	487	409	73	50	6	1500	30	8	11	40	***2975***	***608***	**3582**
25202	*25567*	1989	1990	635	335	487	410	73	51	6	1508	30	8	11	40	***2986***	***608***	**3594**
25567	*25932*	1990	1991	635	337	487	411	73	51	6	1518	30	8	11	40	***3000***	***608***	**3607**
25932	*26298*	1991	1992	635	338	487	412	73	52	6	1526	30	8	11	40	***3011***	***608***	**3618**
26298	*26663*	1992	1993	635	339	487	414	73	53	6	1536	30	8	11	40	***3024***	***608***	**3631**
26663	*27028*	1993	1994	635	340	487	415	73	54	6	1543	30	8	11	40	***3034***	***608***	**3641**
27028	*27393*	1994	1995	635	340	487	416	73	54	6	1551	30	8	11	40	***3044***	***608***	**3651**
27393	*27759*	1995	1996	635	342	487	418	73	56	6	1568	30	8	11	40	***3067***	***608***	**3674**
27759	*28124*	1996	1997	635	344	487	420	73	57	6	1584	30	8	11	40	***3088***	***608***	**3696**
28124	*28489*	1997	1998	635	346	487	421	73	59	6	1600	30	8	11	40	***3108***	***608***	**3716**
28489	*28854*	1998	1999	635	342	487	411	73	60	6	1606	30	8	11	40	***3101***	***608***	**3709**
28854	*29220*	1999	2000	635	332	487	387	73	61	6	1600	30	8	11	40	***3063***	***607***	**3670**
29220	*29585*	2000	2001	635	324	487	364	73	63	6	1588	30	8	11	40	***3020***	***607***	**3628**
29585	*29950*	2001	2002	638	464	489	344	88	64	6	1696	30	11	12	59	***3276***	***625***	**3901**
29950	*30315*	2002	2003	642	489	490	326	93	65	6	1707	30	19	13	77	***3325***	***633***	**3958**
30315	*30681*	2003	2004	646	490	491	311	95	65	6	1697	30	27	14	89	***3325***	***636***	**3961**
30681	*31046*	2004	2005	649	482	491	296	95	66	6	1680	30	34	15	96	***3303***	***638***	**3941**
31046	*31411*	2005	2006	651	471	491	282	95	66	6	1658	30	40	16	101	***3268***	***638***	**3906**
31411	*31776*	2006	2007	652	457	491	268	94	66	6	1633	30	44	16	103	***3224***	***638***	**3862**
31776	*32142*	2007	2008	653	441	491	255	93	66	6	1606	30	47	16	104	***3174***	***637***	**3811**
32142	*32507*	2008	2009	654	416	491	239	91	66	6	1570	30	49	17	103	***3097***	***636***	**3732**
32507	*32872*	2009	2010	654	405	491	225	91	66	6	1545	30	50	17	102	***3048***	***635***	**3683**
32872	*33237*	2010	2011	654	399	491	216	91	66	6	1525	30	51	17	102	***3013***	***635***	**3647**
33237	*33603*	2011	2012	654	395	491	210	91	66	6	1510	30	51	17	102	***2988***	***635***	**3622**
33603	*33968*	2012	2013	655	391	491	204	91	65	6	1496	30	52	17	102	***2966***	***635***	**3601**
33968	*34333*	2013	2014	655	389	491	200	91	65	6	1484	30	52	17	102	***2946***	***635***	**3581**
34333	*34698*	2014	2015	655	386	491	196	91	65	6	1473	30	52	17	103	***2930***	***635***	**3566**
34698	*35064*	2015	2016	655	384	491	193	91	64	6	1462	31	53	17	103	***2915***	***635***	**3550**
35064	*35429*	2016	2017	656	383	491	190	91	64	6	1453	31	53	17	103	***2902***	***636***	**3537**
35429	*35794*	2017	2018	656	381	491	188	91	63	6	1445	31	54	17	104	***2890***	***636***	**3525**
35794	*36159*	2018	2019	656	380	491	186	91	63	6	1437	31	54	17	104	***2880***	***636***	**3515**
36159	*36525*	2019	2020	656	379	491	184	91	62	6	1430	31	54	17	104	***2869***	***636***	**3505**
36525	*36890*	2020	2021	657	378	491	183	91	62	6	1424	31	55	17	105	***2862***	***636***	**3498**
36890	*37255*	2021	2022	657	377	491	181	91	61	6	1418	31	55	17	105	***2853***	***636***	**3490**
37255	*37620*	2022	2023	657	376	491	180	91	61	6	1414	31	55	17	105	***2848***	***636***	**3484**
37620	*37986*	2023	2024	657	375	491	179	91	61	6	1410	31	55	17	106	***2843***	***636***	**3479**
37986	*38351*	2024	2025	657	375	491	178	91	60	6	1406	31	56	18	106	***2839***	***636***	**3475**

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	657	375	491	178	91	60	6	1403	31	56	18	106	2835	637	3471
38716	39081	2026	2027	657	374	491	177	91	60	6	1401	31	56	18	106	2831	637	3468
39081	39447	2027	2028	658	374	491	177	91	60	6	1398	31	56	18	106	2828	637	3465
39447	39812	2028	2029	658	374	491	176	91	59	6	1395	31	56	18	107	2825	637	3461
39812	40177	2029	2030	658	373	491	175	91	59	6	1392	31	57	18	107	2821	637	3458
40177	40542	2030	2031	658	373	491	175	91	59	6	1389	31	57	18	107	2817	637	3454
40542	40908	2031	2032	658	372	491	174	91	58	6	1387	31	57	18	107	2814	637	3451
40908	41273	2032	2033	658	372	491	174	91	58	6	1384	31	57	18	108	2811	637	3448
41273	41638	2033	2034	658	372	491	173	91	58	6	1382	31	57	18	108	2809	637	3446
41638	42003	2034	2035	658	372	491	173	91	58	6	1380	31	57	18	108	2806	637	3443
42003	42369	2035	2036	659	372	491	173	91	58	6	1378	31	57	18	108	2804	637	3441
42369	42734	2036	2037	659	371	491	172	91	57	6	1377	31	58	18	108	2802	637	3439
42734	43099	2037	2038	659	371	491	172	91	57	6	1376	31	58	18	108	2801	637	3438
43099	43464	2038	2039	659	371	491	172	91	57	6	1376	31	58	18	108	2801	637	3438
43464	43830	2039	2040	659	371	491	172	91	57	6	1375	31	58	18	108	2800	637	3437
43830	44195	2040	2041	659	371	491	172	91	57	6	1375	31	58	18	108	2800	637	3437
44195	44560	2041	2042	659	371	491	172	91	57	6	1374	31	58	18	108	2799	637	3436
44560	44925	2042	2043	659	371	491	172	91	57	6	1374	31	58	18	108	2799	637	3436
44925	45291	2043	2044	659	371	491	172	91	57	6	1373	31	58	18	109	2798	637	3435
45291	45656	2044	2045	659	371	491	172	91	57	6	1373	31	58	18	109	2798	637	3435
45656	46021	2045	2046	659	371	491	172	91	57	6	1373	31	58	18	109	2797	637	3434
46021	46386	2046	2047	659	371	491	171	91	57	6	1372	31	58	18	109	2797	637	3434
46386	46752	2047	2048	659	371	491	171	91	57	6	1372	31	58	18	109	2796	637	3433
46752	47117	2048	2049	659	371	491	171	91	57	6	1371	31	58	18	109	2796	637	3433
47117	47482	2049	2050	659	371	491	171	91	57	6	1371	31	58	18	109	2795	637	3432
47482	47847	2050	2051	659	371	491	171	91	57	6	1370	31	58	18	109	2795	637	3432
47847	48213	2051	2052	659	371	491	171	91	57	6	1370	31	58	18	109	2794	637	3431
48213	48578	2052	2053	659	371	491	171	91	57	6	1370	31	58	18	109	2794	637	3431
48578	48943	2053	2054	659	370	491	171	91	56	6	1369	31	58	18	109	2793	637	3430
48943	49308	2054	2055	659	370	491	171	91	56	6	1369	31	58	18	109	2793	637	3430
49308	49674	2055	2056	659	370	491	171	91	56	6	1368	31	58	18	109	2792	637	3430
49674	50039	2056	2057	659	370	491	171	91	56	6	1368	31	58	18	109	2792	637	3429
50039	50404	2057	2058	659	370	491	171	91	56	6	1368	31	58	18	109	2791	637	3429
50404	50769	2058	2059	659	370	491	171	91	56	6	1367	31	58	18	109	2791	637	3428
50769	51135	2059	2060	659	370	491	171	91	56	6	1367	31	58	18	109	2790	637	3428
51135	51500	2060	2061	659	370	491	170	91	56	6	1366	31	58	18	109	2790	637	3427
51500	51865	2061	2062	659	370	491	170	91	56	6	1366	31	58	18	109	2790	637	3427
51865	52230	2062	2063	659	370	491	170	91	56	6	1366	31	58	18	109	2789	637	3426
52230	52596	2063	2064	659	370	491	170	91	56	6	1365	31	58	18	109	2789	637	3426
52596	52961	2064	2065	659	370	491	170	91	56	6	1365	31	58	18	109	2788	637	3426
52961	53326	2065	2066	659	370	491	170	91	56	6	1365	31	58	18	109	2788	637	3425
53326	53691	2066	2067	659	370	491	170	91	56	6	1364	31	58	18	109	2787	637	3425

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	659	370	491	170	91	56	6	1364	31	58	18	109	2787	637	3424
54057	54422	2068	2069	659	370	491	170	91	56	6	1363	31	59	18	110	2787	637	3424
54422	54787	2069	2070	659	370	491	170	91	56	6	1363	31	59	18	110	2786	637	3424
54787	55152	2070	2071	659	370	491	170	91	56	6	1363	31	59	18	110	2786	637	3423
55152	55518	2071	2072	660	370	491	170	91	56	6	1362	31	59	18	110	2785	637	3423
55518	55883	2072	2073	660	370	491	170	91	56	6	1362	31	59	18	110	2785	637	3422
55883	56248	2073	2074	660	370	491	170	91	56	6	1362	31	59	18	110	2785	637	3422
56248	56613	2074	2075	660	370	491	170	91	56	6	1361	31	59	18	110	2784	637	3422
56613	56979	2075	2076	660	370	491	170	91	56	6	1361	31	59	18	110	2784	637	3421
56979	57344	2076	2077	660	370	491	169	91	55	6	1361	31	59	18	110	2783	638	3421
57344	57709	2077	2078	660	370	491	169	91	55	6	1360	31	59	18	110	2783	638	3421
57709	58074	2078	2079	660	370	491	169	91	55	6	1360	31	59	18	110	2783	638	3420
58074	58440	2079	2080	660	370	491	169	91	55	6	1360	31	59	18	110	2782	638	3420
58440	58805	2080	2081	660	370	491	169	91	55	6	1359	31	59	18	110	2782	638	3419
58805	59170	2081	2082	660	369	491	169	91	55	6	1359	31	59	18	110	2782	638	3419
59170	59535	2082	2083	660	369	491	169	91	55	6	1359	31	59	18	110	2781	638	3419
59535	59901	2083	2084	660	369	491	169	91	55	6	1358	31	59	18	110	2781	638	3418
59901	60266	2084	2085	660	369	491	169	91	55	6	1358	31	59	18	110	2780	638	3418
60266	60631	2085	2086	660	369	491	169	91	55	6	1358	31	59	18	110	2780	638	3418
60631	60996	2086	2087	660	369	491	169	91	55	6	1357	31	59	18	110	2780	638	3417
60996	61362	2087	2088	660	369	491	169	91	55	6	1357	31	59	18	110	2779	638	3417
61362	61727	2088	2089	660	369	491	169	91	55	6	1357	31	59	18	110	2779	638	3417
61727	62092	2089	2090	660	369	491	169	91	55	6	1356	31	59	18	110	2779	638	3416
62092	62457	2090	2091	660	369	491	169	91	55	6	1356	31	59	18	110	2778	638	3416
62457	62823	2091	2092	660	369	491	169	91	55	6	1356	31	59	18	110	2778	638	3416
62823	63188	2092	2093	660	369	491	169	91	55	6	1356	31	59	18	110	2778	638	3415
63188	63553	2093	2094	660	369	491	169	91	55	6	1355	31	59	18	110	2777	638	3415
63553	63918	2094	2095	660	369	491	169	91	55	6	1355	31	59	18	110	2777	638	3415
63918	64284	2095	2096	660	369	491	169	91	55	6	1355	31	59	18	111	2777	638	3414
64284	64649	2096	2097	660	369	491	168	91	55	6	1354	31	59	18	111	2776	638	3414
64649	65014	2097	2098	660	369	491	168	91	55	6	1354	31	59	18	111	2776	638	3414
65014	65379	2098	2099	660	369	491	168	91	55	6	1354	31	59	18	111	2776	638	3413
65379	65745	2099	2100	660	369	491	168	91	55	6	1353	31	59	18	111	2775	638	3413
65745	66110	2100	2101	660	369	491	168	91	55	6	1353	31	59	18	111	2775	638	3413
66110	66475	2101	2102	660	369	491	168	91	55	6	1353	31	59	18	111	2775	638	3412
66475	66840	2102	2103	660	369	491	168	91	55	6	1353	31	59	18	111	2775	638	3412
66840	67206	2103	2104	660	369	491	168	91	54	6	1352	31	59	18	111	2774	638	3412
67206	67571	2104	2105	660	369	491	168	91	54	6	1352	31	59	18	111	2774	638	3412
67571	67936	2105	2106	660	369	491	168	91	54	6	1352	31	59	18	111	2774	638	3411
67936	68301	2106	2107	660	369	491	168	91	54	6	1352	31	59	18	111	2773	638	3411
68301	68667	2107	2108	660	369	491	168	91	54	6	1351	31	59	18	111	2773	638	3411
68667	69032	2108	2109	660	369	491	168	91	54	6	1351	31	60	18	111	2773	638	3410
69032	69397	2109	2110	660	369	491	168	91	54	6	1351	31	60	18	111	2773	638	3410

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	3.2	0.0	0.0	0.0	0.2	4.4	0.7	5.0
3652	7305	1930	1940	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.2	0.0	0.0	0.0	0.2	4.4	0.7	5.0
7305	14610	1940	1960	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.2	0.0	0.0	0.0	0.2	4.4	0.7	5.0
14610	18263	1960	1970	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.2	0.0	0.0	0.0	0.2	4.4	0.7	5.0
18263	21915	1970	1980	0.6	0.3	0.5	1.6	0.1	0.2	0.0	5.6	0.0	0.0	0.0	0.2	8.6	0.7	9.2
21915	24837	1980	1988	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.2	9.9	0.7	10.6
24837	25202	1988	1989	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.2	10.0	0.7	10.7
25202	25567	1989	1990	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.8	0.0	0.0	0.0	0.2	10.0	0.7	10.7
25567	25932	1990	1991	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.8	0.0	0.0	0.0	0.2	10.1	0.7	10.8
25932	26298	1991	1992	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.9	0.0	0.0	0.0	0.2	10.1	0.7	10.8
26298	26663	1992	1993	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.9	0.0	0.0	0.0	0.2	10.2	0.7	10.9
26663	27028	1993	1994	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.9	0.0	0.0	0.0	0.2	10.2	0.7	10.9
27028	27393	1994	1995	0.6	0.3	0.5	1.9	0.1	0.2	0.0	7.0	0.0	0.0	0.0	0.2	10.3	0.7	11.0
27393	27759	1995	1996	0.6	0.3	0.5	1.9	0.1	0.3	0.0	7.1	0.0	0.0	0.0	0.2	10.4	0.7	11.0
27759	28124	1996	1997	0.6	0.3	0.5	1.9	0.1	0.3	0.0	7.1	0.0	0.0	0.0	0.2	10.5	0.7	11.1
28124	28489	1997	1998	0.6	0.3	0.5	1.9	0.1	0.3	0.0	7.2	0.0	0.0	0.0	0.2	10.6	0.7	11.2
28489	28854	1998	1999	0.6	0.3	0.5	1.8	0.1	0.3	0.0	7.2	0.0	0.0	0.0	0.2	10.5	0.7	11.2
28854	29220	1999	2000	0.6	0.3	0.5	1.7	0.1	0.3	0.0	7.2	0.0	0.0	0.0	0.2	10.4	0.7	11.1
29220	29585	2000	2001	0.6	0.3	0.5	1.6	0.1	0.3	0.0	7.1	0.0	0.0	0.0	0.2	10.2	0.7	10.9
29585	29950	2001	2002	0.6	0.5	0.5	1.5	0.1	0.3	0.0	7.6	0.0	0.1	0.0	0.3	10.9	0.7	11.6
29950	30315	2002	2003	0.6	0.5	0.5	1.5	0.1	0.3	0.0	7.7	0.0	0.1	0.0	0.3	11.0	0.7	11.7
30315	30681	2003	2004	0.6	0.5	0.5	1.4	0.1	0.3	0.0	7.6	0.0	0.1	0.0	0.4	11.0	0.7	11.7
30681	31046	2004	2005	0.6	0.5	0.5	1.3	0.1	0.3	0.0	7.6	0.0	0.2	0.0	0.4	10.9	0.7	11.6
31046	31411	2005	2006	0.7	0.5	0.5	1.3	0.1	0.3	0.0	7.5	0.0	0.2	0.0	0.5	10.8	0.7	11.5
31411	31776	2006	2007	0.7	0.5	0.5	1.2	0.1	0.3	0.0	7.3	0.0	0.2	0.0	0.5	10.6	0.7	11.3
31776	32142	2007	2008	0.7	0.4	0.5	1.1	0.1	0.3	0.0	7.2	0.0	0.2	0.0	0.5	10.5	0.7	11.2
32142	32507	2008	2009	0.7	0.4	0.5	1.1	0.1	0.3	0.0	7.1	0.0	0.2	0.0	0.5	10.2	0.7	10.9
32507	32872	2009	2010	0.7	0.4	0.5	1.0	0.1	0.3	0.0	7.0	0.0	0.2	0.0	0.5	10.0	0.7	10.7
32872	33237	2010	2011	0.7	0.4	0.5	1.0	0.1	0.3	0.0	6.9	0.0	0.2	0.0	0.5	9.9	0.7	10.6
33237	33603	2011	2012	0.7	0.4	0.5	0.9	0.1	0.3	0.0	6.8	0.0	0.2	0.0	0.5	9.8	0.7	10.5
33603	33968	2012	2013	0.7	0.4	0.5	0.9	0.1	0.3	0.0	6.7	0.0	0.2	0.0	0.5	9.7	0.7	10.4
33968	34333	2013	2014	0.7	0.4	0.5	0.9	0.1	0.3	0.0	6.7	0.0	0.2	0.0	0.5	9.6	0.7	10.3
34333	34698	2014	2015	0.7	0.4	0.5	0.9	0.1	0.3	0.0	6.6	0.0	0.2	0.0	0.5	9.5	0.7	10.2
34698	35064	2015	2016	0.7	0.4	0.5	0.9	0.1	0.3	0.0	6.6	0.0	0.2	0.0	0.5	9.5	0.7	10.2
35064	35429	2016	2017	0.7	0.4	0.5	0.9	0.1	0.3	0.0	6.5	0.0	0.2	0.0	0.5	9.4	0.7	10.1
35429	35794	2017	2018	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.5	0.0	0.2	0.0	0.5	9.4	0.7	10.1
35794	36159	2018	2019	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.5	0.0	0.2	0.0	0.5	9.3	0.7	10.0
36159	36525	2019	2020	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.4	0.0	0.2	0.0	0.5	9.3	0.7	10.0
36525	36890	2020	2021	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.4	0.0	0.2	0.0	0.5	9.3	0.7	10.0
36890	37255	2021	2022	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.4	0.0	0.2	0.0	0.5	9.2	0.7	9.9
37255	37620	2022	2023	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.4	0.0	0.2	0.0	0.5	9.2	0.7	9.9
37620	37986	2023	2024	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.3	0.0	0.2	0.0	0.5	9.2	0.7	9.9
37986	38351	2024	2025	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.3	0.0	0.3	0.0	0.5	9.2	0.7	9.9

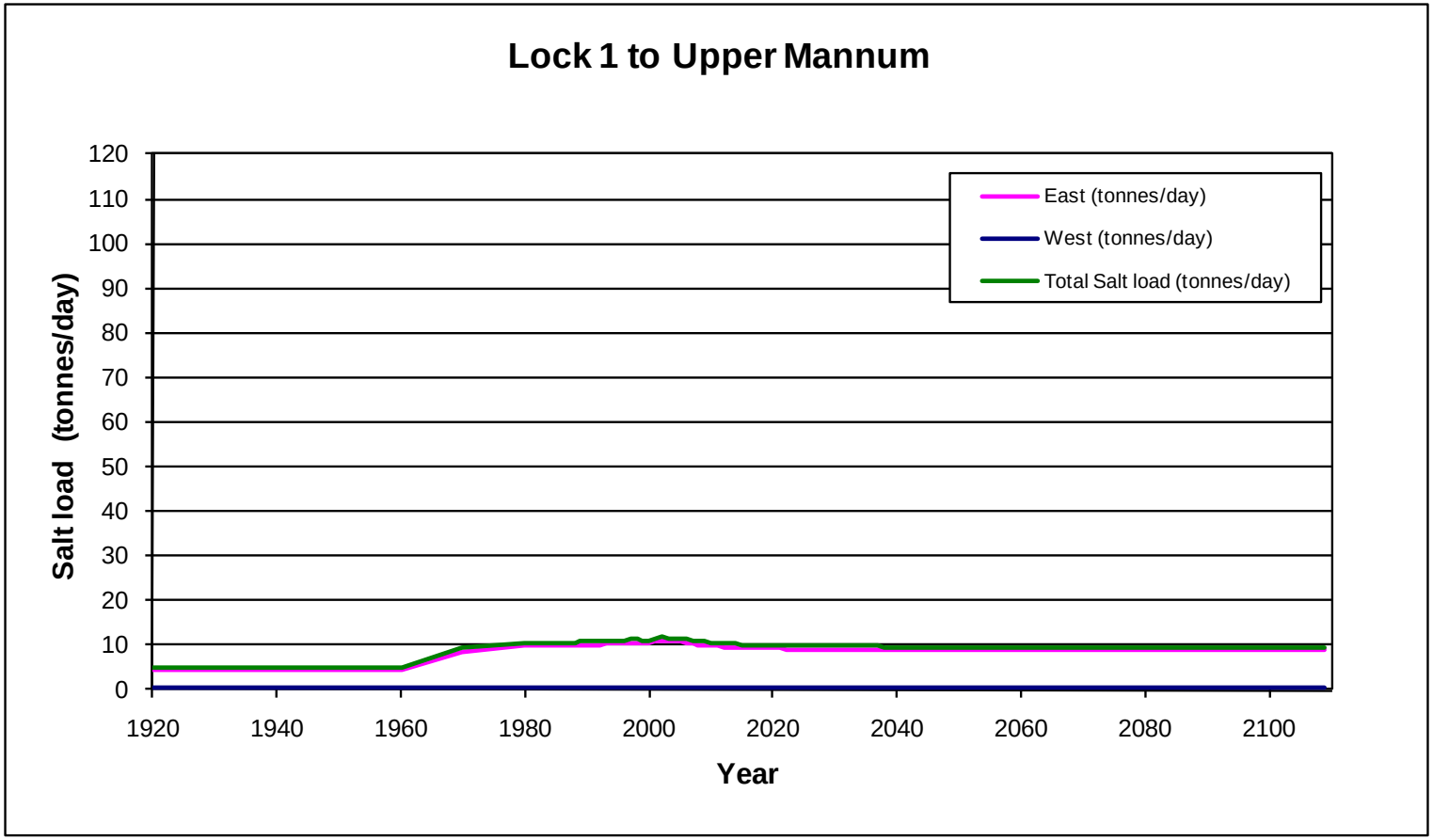
B-3(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 3b)

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	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.3	0.0	0.3	0.0	0.5	9.1	0.7	9.9
38716	39081	2026	2027	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.3	0.0	0.3	0.0	0.5	9.1	0.7	9.8
39081	39447	2027	2028	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.3	0.0	0.3	0.0	0.5	9.1	0.7	9.8
39447	39812	2028	2029	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.3	0.0	0.3	0.0	0.5	9.1	0.7	9.8
39812	40177	2029	2030	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.3	0.0	0.3	0.0	0.5	9.1	0.7	9.8
40177	40542	2030	2031	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.3	0.0	0.3	0.0	0.5	9.1	0.7	9.8
40542	40908	2031	2032	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.1	0.7	9.8
40908	41273	2032	2033	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.8
41273	41638	2033	2034	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
41638	42003	2034	2035	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
42003	42369	2035	2036	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
42369	42734	2036	2037	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
42734	43099	2037	2038	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
43099	43464	2038	2039	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
43464	43830	2039	2040	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
43830	44195	2040	2041	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
44195	44560	2041	2042	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
44560	44925	2042	2043	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
44925	45291	2043	2044	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
45291	45656	2044	2045	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
45656	46021	2045	2046	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
46021	46386	2046	2047	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
46386	46752	2047	2048	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
46752	47117	2048	2049	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
47117	47482	2049	2050	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
47482	47847	2050	2051	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
47847	48213	2051	2052	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
48213	48578	2052	2053	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
48578	48943	2053	2054	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
48943	49308	2054	2055	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
49308	49674	2055	2056	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
49674	50039	2056	2057	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
50039	50404	2057	2058	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
50404	50769	2058	2059	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
50769	51135	2059	2060	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
51135	51500	2060	2061	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	9.0	0.7	9.7
51500	51865	2061	2062	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.7
51865	52230	2062	2063	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.7
52230	52596	2063	2064	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.7
52596	52961	2064	2065	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.7
52961	53326	2065	2066	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.7
53326	53691	2066	2067	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.7

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	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
54057	54422	2068	2069	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
54422	54787	2069	2070	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
54787	55152	2070	2071	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
55152	55518	2071	2072	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
55518	55883	2072	2073	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
55883	56248	2073	2074	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
56248	56613	2074	2075	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
56613	56979	2075	2076	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
56979	57344	2076	2077	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
57344	57709	2077	2078	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
57709	58074	2078	2079	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
58074	58440	2079	2080	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
58440	58805	2080	2081	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
58805	59170	2081	2082	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
59170	59535	2082	2083	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
59535	59901	2083	2084	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
59901	60266	2084	2085	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
60266	60631	2085	2086	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
60631	60996	2086	2087	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
60996	61362	2087	2088	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
61362	61727	2088	2089	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
61727	62092	2089	2090	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
62092	62457	2090	2091	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
62457	62823	2091	2092	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
62823	63188	2092	2093	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
63188	63553	2093	2094	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
63553	63918	2094	2095	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
63918	64284	2095	2096	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
64284	64649	2096	2097	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
64649	65014	2097	2098	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
65014	65379	2098	2099	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
65379	65745	2099	2100	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
65745	66110	2100	2101	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
66110	66475	2101	2102	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
66475	66840	2102	2103	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
66840	67206	2103	2104	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
67206	67571	2104	2105	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
67571	67936	2105	2106	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
67936	68301	2106	2107	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
68301	68667	2107	2108	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
68667	69032	2108	2109	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
69032	69397	2109	2110	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
	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	635	141	488	17	73	25	6	708	30	8	11	40	*1573*	*610*	2182
3652	*7305*	1930	1940	635	141	488	17	73	25	6	708	30	8	11	40	*1573*	*609*	2182
7305	*14610*	1940	1960	635	141	488	17	73	25	6	708	30	8	11	40	*1574*	*609*	2182
14610	*18263*	1960	1970	635	141	488	17	73	25	6	708	30	8	11	40	*1574*	*608*	2182
18263	*21915*	1970	1980	635	298	488	359	73	34	6	1253	30	8	11	40	*2627*	*608*	3235
21915	*24837*	1980	1988	635	332	487	406	73	48	6	1482	30	8	11	40	*2950*	*608*	3558
24837	*25202*	1988	1989	635	334	487	409	73	50	6	1500	30	8	11	40	*2975*	*608*	3582
25202	*25567*	1989	1990	635	335	487	410	73	51	6	1508	30	8	11	40	*2986*	*608*	3594
25567	*25932*	1990	1991	635	337	487	411	73	51	6	1518	30	8	11	40	*3000*	*608*	3607
25932	*26298*	1991	1992	635	338	487	412	73	52	6	1526	30	8	11	40	*3011*	*608*	3618
26298	*26663*	1992	1993	635	339	487	414	73	53	6	1536	30	8	11	40	*3024*	*608*	3631
26663	*27028*	1993	1994	635	340	487	415	73	54	6	1543	30	8	11	40	*3034*	*608*	3641
27028	*27393*	1994	1995	635	340	487	416	73	54	6	1551	30	8	11	40	*3044*	*608*	3651
27393	*27759*	1995	1996	635	342	487	418	73	56	6	1568	30	8	11	40	*3067*	*608*	3674
27759	*28124*	1996	1997	635	344	487	420	73	57	6	1584	30	8	11	40	*3088*	*608*	3696
28124	*28489*	1997	1998	635	346	487	421	73	59	6	1600	30	8	11	40	*3108*	*608*	3716
28489	*28854*	1998	1999	635	342	487	411	73	60	6	1606	30	8	11	40	*3101*	*608*	3709
28854	*29220*	1999	2000	635	332	487	387	73	61	6	1600	30	8	11	40	*3062*	*607*	3670
29220	*29585*	2000	2001	635	324	487	363	73	63	6	1587	30	8	11	40	*3019*	*607*	3627
29585	*29950*	2001	2002	638	464	489	343	88	64	6	1695	30	11	12	59	*3275*	*625*	3900
29950	*30315*	2002	2003	642	489	490	326	93	65	6	1707	30	19	13	77	*3324*	*633*	3957
30315	*30681*	2003	2004	646	490	491	310	95	65	6	1697	30	27	14	89	*3324*	*636*	3961
30681	*31046*	2004	2005	649	482	491	296	95	66	6	1679	30	34	15	96	*3302*	*638*	3940
31046	*31411*	2005	2006	651	471	491	282	95	66	6	1658	30	40	16	101	*3268*	*638*	3906
31411	*31776*	2006	2007	652	457	491	268	94	66	6	1633	30	44	16	103	*3224*	*638*	3862
31776	*32142*	2007	2008	653	441	491	255	93	66	6	1606	30	47	16	105	*3174*	*637*	3811
32142	*32507*	2008	2009	654	416	491	239	91	66	6	1570	30	49	17	103	*3097*	*636*	3732
32507	*32872*	2009	2010	654	405	491	225	91	66	6	1544	30	50	17	102	*3047*	*635*	3682
32872	*33237*	2010	2011	654	398	491	215	91	66	6	1523	30	51	17	102	*3010*	*635*	3645
33237	*33603*	2011	2012	655	394	491	208	91	66	6	1505	30	51	17	102	*2980*	*635*	3615
33603	*33968*	2012	2013	655	390	491	202	91	65	6	1491	30	52	17	102	*2957*	*635*	3592
33968	*34333*	2013	2014	655	387	491	198	91	65	6	1478	30	52	17	102	*2937*	*635*	3573
34333	*34698*	2014	2015	655	385	491	194	91	64	6	1465	31	53	17	103	*2919*	*635*	3554
34698	*35064*	2015	2016	656	383	491	191	91	64	6	1456	31	53	17	103	*2906*	*636*	3541
35064	*35429*	2016	2017	656	381	491	188	91	63	6	1446	31	54	17	104	*2892*	*636*	3527
35429	*35794*	2017	2018	656	380	491	186	91	63	6	1438	31	54	17	104	*2880*	*636*	3516
35794	*36159*	2018	2019	656	378	491	184	91	62	6	1429	31	54	17	104	*2869*	*636*	3505
36159	*36525*	2019	2020	657	377	491	182	91	62	6	1423	31	55	17	105	*2860*	*636*	3496
36525	*36890*	2020	2021	657	377	491	181	91	61	6	1417	31	55	17	105	*2853*	*636*	3489
36890	*37255*	2021	2022	657	376	491	180	91	61	6	1413	31	55	17	105	*2847*	*636*	3484
37255	*37620*	2022	2023	657	375	491	179	91	61	6	1409	31	55	17	106	*2843*	*636*	3479
37620	*37986*	2023	2024	657	375	491	178	91	60	6	1405	31	56	18	106	*2837*	*636*	3474
37986	*38351*	2024	2025	657	374	491	177	91	60	6	1402	31	56	18	106	*2833*	*637*	3470

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	658	374	491	177	91	60	6	1399	31	56	18	106	2829	637	3465
38716	39081	2026	2027	658	374	491	176	91	59	6	1395	31	56	18	107	2825	637	3461
39081	39447	2027	2028	658	373	491	175	91	59	6	1392	31	57	18	107	2821	637	3458
39447	39812	2028	2029	658	373	491	175	91	59	6	1389	31	57	18	107	2817	637	3454
39812	40177	2029	2030	658	372	491	174	91	58	6	1387	31	57	18	107	2814	637	3451
40177	40542	2030	2031	658	372	491	174	91	58	6	1385	31	57	18	108	2812	637	3449
40542	40908	2031	2032	658	372	491	173	91	58	6	1382	31	57	18	108	2809	637	3446
40908	41273	2032	2033	658	372	491	173	91	58	6	1381	31	57	18	108	2807	637	3444
41273	41638	2033	2034	659	371	491	173	91	58	6	1378	31	57	18	108	2804	637	3441
41638	42003	2034	2035	659	371	491	173	91	57	6	1378	31	57	18	108	2803	637	3440
42003	42369	2035	2036	659	371	491	172	91	57	6	1377	31	58	18	108	2803	637	3440
42369	42734	2036	2037	659	371	491	172	91	57	6	1377	31	58	18	108	2802	637	3439
42734	43099	2037	2038	659	371	491	172	91	57	6	1376	31	58	18	108	2801	637	3438
43099	43464	2038	2039	659	371	491	172	91	57	6	1376	31	58	18	108	2801	637	3438
43464	43830	2039	2040	659	371	491	172	91	57	6	1375	31	58	18	108	2800	637	3437
43830	44195	2040	2041	659	371	491	172	91	57	6	1375	31	58	18	108	2800	637	3437
44195	44560	2041	2042	659	371	491	172	91	57	6	1374	31	58	18	108	2799	637	3436
44560	44925	2042	2043	659	371	491	172	91	57	6	1374	31	58	18	108	2799	637	3436
44925	45291	2043	2044	659	371	491	172	91	57	6	1373	31	58	18	109	2798	637	3435
45291	45656	2044	2045	659	371	491	172	91	57	6	1373	31	58	18	109	2798	637	3435
45656	46021	2045	2046	659	371	491	172	91	57	6	1373	31	58	18	109	2797	637	3434
46021	46386	2046	2047	659	371	491	171	91	57	6	1372	31	58	18	109	2797	637	3434
46386	46752	2047	2048	659	371	491	171	91	57	6	1372	31	58	18	109	2796	637	3433
46752	47117	2048	2049	659	371	491	171	91	57	6	1371	31	58	18	109	2796	637	3433
47117	47482	2049	2050	659	371	491	171	91	57	6	1371	31	58	18	109	2795	637	3432
47482	47847	2050	2051	659	371	491	171	91	57	6	1370	31	58	18	109	2795	637	3432
47847	48213	2051	2052	659	371	491	171	91	57	6	1370	31	58	18	109	2794	637	3431
48213	48578	2052	2053	659	371	491	171	91	57	6	1370	31	58	18	109	2794	637	3431
48578	48943	2053	2054	659	370	491	171	91	56	6	1369	31	58	18	109	2793	637	3430
48943	49308	2054	2055	659	370	491	171	91	56	6	1369	31	58	18	109	2793	637	3430
49308	49674	2055	2056	659	370	491	171	91	56	6	1368	31	58	18	109	2792	637	3430
49674	50039	2056	2057	659	370	491	171	91	56	6	1368	31	58	18	109	2792	637	3429
50039	50404	2057	2058	659	370	491	171	91	56	6	1368	31	58	18	109	2791	637	3429
50404	50769	2058	2059	659	370	491	171	91	56	6	1367	31	58	18	109	2791	637	3428
50769	51135	2059	2060	659	370	491	171	91	56	6	1367	31	58	18	109	2790	637	3428
51135	51500	2060	2061	659	370	491	170	91	56	6	1366	31	58	18	109	2790	637	3427
51500	51865	2061	2062	659	370	491	170	91	56	6	1366	31	58	18	109	2790	637	3427
51865	52230	2062	2063	659	370	491	170	91	56	6	1366	31	58	18	109	2789	637	3426
52230	52596	2063	2064	659	370	491	170	91	56	6	1365	31	58	18	109	2789	637	3426
52596	52961	2064	2065	659	370	491	170	91	56	6	1365	31	58	18	109	2788	637	3426
52961	53326	2065	2066	659	370	491	170	91	56	6	1365	31	58	18	109	2788	637	3425
53326	53691	2066	2067	659	370	491	170	91	56	6	1364	31	58	18	109	2787	637	3425

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	659	370	491	170	91	56	6	1364	31	59	18	110	*2787*	*637*	3424
54057	*54422*	2068	2069	659	370	491	170	91	56	6	1363	31	59	18	110	*2787*	*637*	3424
54422	*54787*	2069	2070	659	370	491	170	91	56	6	1363	31	59	18	110	*2786*	*637*	3424
54787	*55152*	2070	2071	659	370	491	170	91	56	6	1363	31	59	18	110	*2786*	*637*	3423
55152	*55518*	2071	2072	660	370	491	170	91	56	6	1362	31	59	18	110	*2785*	*637*	3423
55518	*55883*	2072	2073	660	370	491	170	91	56	6	1362	31	59	18	110	*2785*	*637*	3422
55883	*56248*	2073	2074	660	370	491	170	91	56	6	1362	31	59	18	110	*2785*	*637*	3422
56248	*56613*	2074	2075	660	370	491	170	91	56	6	1361	31	59	18	110	*2784*	*637*	3422
56613	*56979*	2075	2076	660	370	491	170	91	56	6	1361	31	59	18	110	*2784*	*637*	3421
56979	*57344*	2076	2077	660	370	491	169	91	55	6	1361	31	59	18	110	*2783*	*638*	3421
57344	*57709*	2077	2078	660	370	491	169	91	55	6	1360	31	59	18	110	*2783*	*638*	3420
57709	*58074*	2078	2079	660	370	491	169	91	55	6	1360	31	59	18	110	*2783*	*638*	3420
58074	*58440*	2079	2080	660	370	491	169	91	55	6	1360	31	59	18	110	*2782*	*638*	3420
58440	*58805*	2080	2081	660	370	491	169	91	55	6	1359	31	59	18	110	*2782*	*638*	3419
58805	*59170*	2081	2082	660	369	491	169	91	55	6	1359	31	59	18	110	*2782*	*638*	3419
59170	*59535*	2082	2083	660	369	491	169	91	55	6	1359	31	59	18	110	*2781*	*638*	3419
59535	*59901*	2083	2084	660	369	491	169	91	55	6	1358	31	59	18	110	*2781*	*638*	3418
59901	*60266*	2084	2085	660	369	491	169	91	55	6	1358	31	59	18	110	*2780*	*638*	3418
60266	*60631*	2085	2086	660	369	491	169	91	55	6	1358	31	59	18	110	*2780*	*638*	3418
60631	*60996*	2086	2087	660	369	491	169	91	55	6	1357	31	59	18	110	*2780*	*638*	3417
60996	*61362*	2087	2088	660	369	491	169	91	55	6	1357	31	59	18	110	*2779*	*638*	3417
61362	*61727*	2088	2089	660	369	491	169	91	55	6	1357	31	59	18	110	*2779*	*638*	3417
61727	*62092*	2089	2090	660	369	491	169	91	55	6	1356	31	59	18	110	*2779*	*638*	3416
62092	*62457*	2090	2091	660	369	491	169	91	55	6	1356	31	59	18	110	*2778*	*638*	3416
62457	*62823*	2091	2092	660	369	491	169	91	55	6	1356	31	59	18	110	*2778*	*638*	3416
62823	*63188*	2092	2093	660	369	491	169	91	55	6	1356	31	59	18	110	*2778*	*638*	3415
63188	*63553*	2093	2094	660	369	491	169	91	55	6	1355	31	59	18	110	*2777*	*638*	3415
63553	*63918*	2094	2095	660	369	491	169	91	55	6	1355	31	59	18	110	*2777*	*638*	3415
63918	*64284*	2095	2096	660	369	491	169	91	55	6	1355	31	59	18	111	*2777*	*638*	3414
64284	*64649*	2096	2097	660	369	491	168	91	55	6	1354	31	59	18	111	*2776*	*638*	3414
64649	*65014*	2097	2098	660	369	491	168	91	55	6	1354	31	59	18	111	*2776*	*638*	3414
65014	*65379*	2098	2099	660	369	491	168	91	55	6	1354	31	59	18	111	*2776*	*638*	3413
65379	*65745*	2099	2100	660	369	491	168	91	55	6	1353	31	59	18	111	*2775*	*638*	3413
65745	*66110*	2100	2101	660	369	491	168	91	55	6	1353	31	59	18	111	*2775*	*638*	3413
66110	*66475*	2101	2102	660	369	491	168	91	55	6	1353	31	59	18	111	*2775*	*638*	3412
66475	*66840*	2102	2103	660	369	491	168	91	55	6	1353	31	59	18	111	*2775*	*638*	3412
66840	*67206*	2103	2104	660	369	491	168	91	54	6	1352	31	59	18	111	*2774*	*638*	3412
67206	*67571*	2104	2105	660	369	491	168	91	54	6	1352	31	59	18	111	*2774*	*638*	3412
67571	*67936*	2105	2106	660	369	491	168	91	54	6	1352	31	59	18	111	*2774*	*638*	3411
67936	*68301*	2106	2107	660	369	491	168	91	54	6	1352	31	59	18	111	*2773*	*638*	3411
68301	*68667*	2107	2108	660	369	491	168	91	54	6	1351	31	59	18	111	*2773*	*638*	3411
68667	*69032*	2108	2109	660	369	491	168	91	54	6	1351	31	60	18	111	*2773*	*638*	3410
69032	*69397*	2109	2110	660	369	491	168	91	54	6	1351	31	60	18	111	*2773*	*638*	3410

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	3.2	0.0	0.0	0.0	0.2	4.4	0.7	5.0
3652	7305	1930	1940	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.2	0.0	0.0	0.0	0.2	4.4	0.7	5.0
7305	14610	1940	1960	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.2	0.0	0.0	0.0	0.2	4.4	0.7	5.0
14610	18263	1960	1970	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.2	0.0	0.0	0.0	0.2	4.4	0.7	5.0
18263	21915	1970	1980	0.6	0.3	0.5	1.6	0.1	0.2	0.0	5.6	0.0	0.0	0.0	0.2	8.6	0.7	9.2
21915	24837	1980	1988	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.2	9.9	0.7	10.6
24837	25202	1988	1989	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.2	10.0	0.7	10.7
25202	25567	1989	1990	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.8	0.0	0.0	0.0	0.2	10.0	0.7	10.7
25567	25932	1990	1991	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.8	0.0	0.0	0.0	0.2	10.1	0.7	10.8
25932	26298	1991	1992	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.9	0.0	0.0	0.0	0.2	10.1	0.7	10.8
26298	26663	1992	1993	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.9	0.0	0.0	0.0	0.2	10.2	0.7	10.9
26663	27028	1993	1994	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.9	0.0	0.0	0.0	0.2	10.2	0.7	10.9
27028	27393	1994	1995	0.6	0.3	0.5	1.9	0.1	0.2	0.0	7.0	0.0	0.0	0.0	0.2	10.3	0.7	11.0
27393	27759	1995	1996	0.6	0.3	0.5	1.9	0.1	0.3	0.0	7.1	0.0	0.0	0.0	0.2	10.4	0.7	11.0
27759	28124	1996	1997	0.6	0.3	0.5	1.9	0.1	0.3	0.0	7.1	0.0	0.0	0.0	0.2	10.5	0.7	11.1
28124	28489	1997	1998	0.6	0.3	0.5	1.9	0.1	0.3	0.0	7.2	0.0	0.0	0.0	0.2	10.6	0.7	11.2
28489	28854	1998	1999	0.6	0.3	0.5	1.8	0.1	0.3	0.0	7.2	0.0	0.0	0.0	0.2	10.5	0.7	11.2
28854	29220	1999	2000	0.6	0.3	0.5	1.7	0.1	0.3	0.0	7.2	0.0	0.0	0.0	0.2	10.4	0.7	11.1
29220	29585	2000	2001	0.6	0.3	0.5	1.6	0.1	0.3	0.0	7.1	0.0	0.0	0.0	0.2	10.2	0.7	10.9
29585	29950	2001	2002	0.6	0.5	0.5	1.5	0.1	0.3	0.0	7.6	0.0	0.1	0.0	0.3	10.9	0.7	11.6
29950	30315	2002	2003	0.6	0.5	0.5	1.5	0.1	0.3	0.0	7.7	0.0	0.1	0.0	0.3	11.0	0.7	11.7
30315	30681	2003	2004	0.6	0.5	0.5	1.4	0.1	0.3	0.0	7.6	0.0	0.1	0.0	0.4	11.0	0.7	11.7
30681	31046	2004	2005	0.6	0.5	0.5	1.3	0.1	0.3	0.0	7.6	0.0	0.2	0.0	0.4	10.9	0.7	11.6
31046	31411	2005	2006	0.7	0.5	0.5	1.3	0.1	0.3	0.0	7.5	0.0	0.2	0.0	0.5	10.8	0.7	11.5
31411	31776	2006	2007	0.7	0.5	0.5	1.2	0.1	0.3	0.0	7.3	0.0	0.2	0.0	0.5	10.6	0.7	11.3
31776	32142	2007	2008	0.7	0.4	0.5	1.1	0.1	0.3	0.0	7.2	0.0	0.2	0.0	0.5	10.5	0.7	11.2
32142	32507	2008	2009	0.7	0.4	0.5	1.1	0.1	0.3	0.0	7.1	0.0	0.2	0.0	0.5	10.2	0.7	10.9
32507	32872	2009	2010	0.7	0.4	0.5	1.0	0.1	0.3	0.0	6.9	0.0	0.2	0.0	0.5	10.0	0.7	10.7
32872	33237	2010	2011	0.7	0.4	0.5	1.0	0.1	0.3	0.0	6.9	0.0	0.2	0.0	0.5	9.9	0.7	10.6
33237	33603	2011	2012	0.7	0.4	0.5	0.9	0.1	0.3	0.0	6.8	0.0	0.2	0.0	0.5	9.7	0.7	10.4
33603	33968	2012	2013	0.7	0.4	0.5	0.9	0.1	0.3	0.0	6.7	0.0	0.2	0.0	0.5	9.6	0.7	10.4
33968	34333	2013	2014	0.7	0.4	0.5	0.9	0.1	0.3	0.0	6.6	0.0	0.2	0.0	0.5	9.6	0.7	10.3
34333	34698	2014	2015	0.7	0.4	0.5	0.9	0.1	0.3	0.0	6.6	0.0	0.2	0.0	0.5	9.5	0.7	10.2
34698	35064	2015	2016	0.7	0.4	0.5	0.9	0.1	0.3	0.0	6.6	0.0	0.2	0.0	0.5	9.4	0.7	10.1
35064	35429	2016	2017	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.5	0.0	0.2	0.0	0.5	9.4	0.7	10.1
35429	35794	2017	2018	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.5	0.0	0.2	0.0	0.5	9.3	0.7	10.0
35794	36159	2018	2019	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.4	0.0	0.2	0.0	0.5	9.3	0.7	10.0
36159	36525	2019	2020	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.4	0.0	0.2	0.0	0.5	9.3	0.7	10.0
36525	36890	2020	2021	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.4	0.0	0.2	0.0	0.5	9.2	0.7	9.9
36890	37255	2021	2022	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.4	0.0	0.2	0.0	0.5	9.2	0.7	9.9
37255	37620	2022	2023	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.3	0.0	0.2	0.0	0.5	9.2	0.7	9.9
37620	37986	2023	2024	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.3	0.0	0.3	0.0	0.5	9.2	0.7	9.9
37986	38351	2024	2025	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.3	0.0	0.3	0.0	0.5	9.1	0.7	9.8

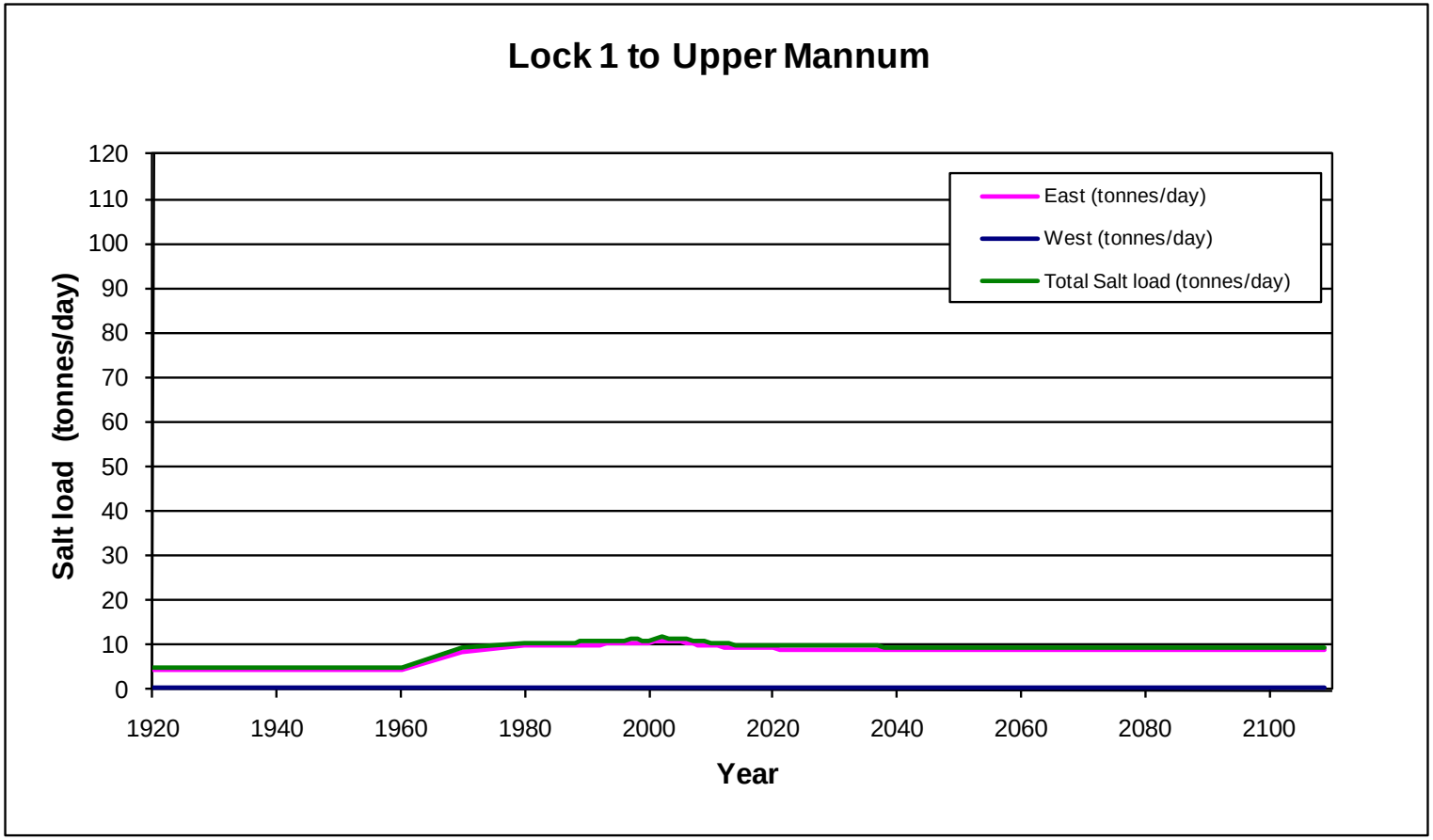
B-3(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 3c)

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	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.3	0.0	0.3	0.0	0.5	9.1	0.7	9.8
38716	39081	2026	2027	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.3	0.0	0.3	0.0	0.5	9.1	0.7	9.8
39081	39447	2027	2028	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.3	0.0	0.3	0.0	0.5	9.1	0.7	9.8
39447	39812	2028	2029	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.3	0.0	0.3	0.0	0.5	9.1	0.7	9.8
39812	40177	2029	2030	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.1	0.7	9.8
40177	40542	2030	2031	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.8
40542	40908	2031	2032	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
40908	41273	2032	2033	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
41273	41638	2033	2034	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
41638	42003	2034	2035	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
42003	42369	2035	2036	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
42369	42734	2036	2037	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
42734	43099	2037	2038	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
43099	43464	2038	2039	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
43464	43830	2039	2040	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
43830	44195	2040	2041	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
44195	44560	2041	2042	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
44560	44925	2042	2043	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
44925	45291	2043	2044	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
45291	45656	2044	2045	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
45656	46021	2045	2046	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
46021	46386	2046	2047	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
46386	46752	2047	2048	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
46752	47117	2048	2049	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
47117	47482	2049	2050	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
47482	47847	2050	2051	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
47847	48213	2051	2052	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
48213	48578	2052	2053	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
48578	48943	2053	2054	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
48943	49308	2054	2055	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
49308	49674	2055	2056	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
49674	50039	2056	2057	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
50039	50404	2057	2058	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
50404	50769	2058	2059	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
50769	51135	2059	2060	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.2	0.0	0.3	0.0	0.5	9.0	0.7	9.7
51135	51500	2060	2061	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	9.0	0.7	9.7
51500	51865	2061	2062	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.7
51865	52230	2062	2063	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.7
52230	52596	2063	2064	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.7
52596	52961	2064	2065	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.7
52961	53326	2065	2066	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.7
53326	53691	2066	2067	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.7

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	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
54057	54422	2068	2069	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
54422	54787	2069	2070	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
54787	55152	2070	2071	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
55152	55518	2071	2072	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
55518	55883	2072	2073	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
55883	56248	2073	2074	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
56248	56613	2074	2075	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
56613	56979	2075	2076	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
56979	57344	2076	2077	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
57344	57709	2077	2078	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
57709	58074	2078	2079	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
58074	58440	2079	2080	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
58440	58805	2080	2081	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
58805	59170	2081	2082	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
59170	59535	2082	2083	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
59535	59901	2083	2084	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
59901	60266	2084	2085	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
60266	60631	2085	2086	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
60631	60996	2086	2087	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
60996	61362	2087	2088	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
61362	61727	2088	2089	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
61727	62092	2089	2090	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
62092	62457	2090	2091	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
62457	62823	2091	2092	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
62823	63188	2092	2093	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
63188	63553	2093	2094	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
63553	63918	2094	2095	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
63918	64284	2095	2096	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
64284	64649	2096	2097	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
64649	65014	2097	2098	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
65014	65379	2098	2099	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
65379	65745	2099	2100	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
65745	66110	2100	2101	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
66110	66475	2101	2102	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
66475	66840	2102	2103	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
66840	67206	2103	2104	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
67206	67571	2104	2105	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
67571	67936	2105	2106	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
67936	68301	2106	2107	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
68301	68667	2107	2108	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
68667	69032	2108	2109	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
69032	69397	2109	2110	0.7	0.4	0.5	0.8	0.1	0.2	0.0	6.1	0.0	0.3	0.0	0.5	8.9	0.7	9.6
	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	635	141	488	17	73	25	6	708	30	8	11	40	1573	610	2182
3652	7305	1930	1940	635	141	488	17	73	25	6	708	30	8	11	40	1573	609	2182
7305	14610	1940	1960	635	141	488	17	73	25	6	708	30	8	11	40	1574	609	2182
14610	18263	1960	1970	635	141	488	17	73	25	6	708	30	8	11	40	1574	608	2182
18263	21915	1970	1980	635	298	488	359	73	34	6	1253	30	8	11	40	2627	608	3235
21915	24837	1980	1988	635	332	487	406	73	48	6	1482	30	8	11	40	2950	608	3558
24837	25202	1988	1989	635	334	487	409	73	50	6	1500	30	8	11	40	2975	608	3582
25202	25567	1989	1990	635	335	487	410	73	51	6	1508	30	8	11	40	2986	608	3594
25567	25932	1990	1991	635	337	487	411	73	51	6	1518	30	8	11	40	3000	608	3607
25932	26298	1991	1992	635	338	487	412	73	52	6	1526	30	8	11	40	3011	608	3618
26298	26663	1992	1993	635	339	487	414	73	53	6	1536	30	8	11	40	3024	608	3631
26663	27028	1993	1994	635	340	487	415	73	54	6	1543	30	8	11	40	3034	608	3641
27028	27393	1994	1995	635	340	487	416	73	54	6	1551	30	8	11	40	3044	608	3651
27393	27759	1995	1996	635	342	487	418	73	56	6	1568	30	8	11	40	3067	608	3674
27759	28124	1996	1997	635	344	487	420	73	57	6	1584	30	8	11	40	3088	608	3696
28124	28489	1997	1998	635	346	487	421	73	59	6	1600	30	8	11	40	3108	608	3716
28489	28854	1998	1999	635	342	487	411	73	60	6	1606	30	8	11	40	3101	608	3709
28854	29220	1999	2000	635	332	487	387	73	61	6	1600	30	8	11	40	3062	607	3670
29220	29585	2000	2001	635	324	487	363	73	63	6	1587	30	8	11	40	3019	607	3627
29585	29950	2001	2002	638	464	489	343	88	64	6	1695	30	11	12	59	3275	625	3900
29950	30315	2002	2003	642	489	490	326	93	65	6	1707	30	19	13	77	3324	633	3957
30315	30681	2003	2004	646	490	491	310	95	65	6	1697	30	27	14	89	3324	636	3961
30681	31046	2004	2005	649	482	491	296	95	66	6	1679	30	34	15	96	3302	638	3940
31046	31411	2005	2006	651	471	491	282	95	66	6	1658	30	40	16	101	3268	638	3906
31411	31776	2006	2007	652	457	491	268	94	66	6	1633	30	44	16	103	3224	638	3862
31776	32142	2007	2008	653	441	491	255	93	66	6	1606	30	47	16	105	3174	637	3811
32142	32507	2008	2009	654	416	491	239	91	66	6	1570	30	49	17	103	3097	636	3732
32507	32872	2009	2010	654	405	491	225	91	66	6	1544	30	50	17	102	3047	635	3682
32872	33237	2010	2011	654	398	491	215	91	66	6	1523	30	51	17	102	3010	635	3645
33237	33603	2011	2012	655	394	491	208	91	66	6	1505	30	51	17	102	2980	635	3615
33603	33968	2012	2013	655	390	491	202	91	65	6	1491	30	52	17	102	2957	635	3592
33968	34333	2013	2014	655	387	491	198	91	65	6	1478	30	52	17	102	2937	635	3573
34333	34698	2014	2015	655	385	491	194	91	64	6	1465	31	53	17	103	2919	635	3554
34698	35064	2015	2016	656	383	491	191	91	64	6	1456	31	53	17	103	2906	636	3541
35064	35429	2016	2017	656	381	491	188	91	63	6	1446	31	54	17	104	2892	636	3527
35429	35794	2017	2018	656	380	491	186	91	63	6	1438	31	54	17	104	2880	636	3516
35794	36159	2018	2019	656	378	491	184	91	62	6	1429	31	54	17	104	2869	636	3505
36159	36525	2019	2020	657	377	491	182	91	62	6	1423	31	55	17	105	2860	636	3496
36525	36890	2020	2021	657	377	491	181	91	61	6	1417	31	55	17	105	2853	636	3489
36890	37255	2021	2022	657	376	491	180	91	61	6	1413	31	55	17	105	2847	636	3484
37255	37620	2022	2023	657	375	491	179	91	61	6	1409	31	55	17	106	2843	636	3479
37620	37986	2023	2024	657	375	491	178	91	60	6	1405	31	56	18	106	2837	636	3474
37986	38351	2024	2025	660	374	493	177	95	60	29	1450	31	56	18	110	2886	666	3552

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	662	373	495	177	96	59	38	1453	31	58	19	113	2895	679	3574
38716	39081	2026	2027	665	374	496	178	97	60	42	1462	31	65	20	130	2932	685	3617
39081	39447	2027	2028	667	374	497	180	97	61	44	1467	31	75	20	135	2959	690	3648
39447	39812	2028	2029	669	375	498	184	97	63	45	1469	32	86	20	139	2986	692	3678
39812	40177	2029	2030	672	377	498	188	98	64	46	1471	32	95	21	142	3009	694	3703
40177	40542	2030	2031	674	381	503	198	98	72	50	1486	32	103	21	152	3067	704	3771
40542	40908	2031	2032	676	385	504	206	98	75	52	1496	32	111	22	159	3108	708	3815
40908	41273	2032	2033	678	389	505	218	103	93	62	1534	32	118	22	172	3202	724	3926
41273	41638	2033	2034	683	393	505	228	105	97	67	1557	32	125	22	177	3259	732	3991
41638	42003	2034	2035	688	396	506	235	106	100	69	1570	33	131	23	181	3299	736	4036
42003	42369	2035	2036	696	402	506	242	112	120	74	1596	33	137	23	224	3416	748	4164
42369	42734	2036	2037	713	408	507	247	114	131	76	1608	34	143	23	265	3514	754	4267
42734	43099	2037	2038	730	413	508	251	115	136	77	1619	34	148	23	298	3595	757	4352
43099	43464	2038	2039	746	417	508	255	115	139	78	1628	35	154	24	325	3664	760	4424
43464	43830	2039	2040	760	420	509	259	116	141	79	1638	35	159	24	348	3726	762	4488
43830	44195	2040	2041	773	423	509	262	116	143	79	1648	35	164	24	369	3782	763	4545
44195	44560	2041	2042	784	426	509	264	116	144	80	1658	36	169	24	388	3833	765	4598
44560	44925	2042	2043	793	428	509	267	117	145	80	1668	36	174	24	405	3880	766	4646
44925	45291	2043	2044	802	430	509	269	117	146	80	1678	36	180	25	421	3925	767	4692
45291	45656	2044	2045	810	431	509	270	117	146	81	1688	36	184	25	435	3966	768	4734
45656	46021	2045	2046	817	433	510	272	117	147	81	1698	36	189	25	449	4005	769	4774
46021	46386	2046	2047	823	434	510	273	117	148	81	1708	36	194	25	462	4042	770	4812
46386	46752	2047	2048	829	435	510	274	118	149	81	1718	36	199	25	474	4078	770	4848
46752	47117	2048	2049	834	437	510	275	118	149	82	1728	37	203	25	485	4111	771	4882
47117	47482	2049	2050	839	438	510	276	118	150	82	1737	37	208	25	496	4144	771	4915
47482	47847	2050	2051	843	439	510	277	118	150	82	1747	37	212	26	506	4174	772	4946
47847	48213	2051	2052	848	439	510	278	118	151	82	1756	37	216	26	516	4204	772	4977
48213	48578	2052	2053	852	440	510	279	118	151	82	1766	37	220	26	526	4233	773	5006
48578	48943	2053	2054	855	441	510	279	118	152	82	1775	37	224	26	535	4261	773	5034
48943	49308	2054	2055	859	442	510	280	118	152	82	1784	37	227	26	543	4288	774	5061
49308	49674	2055	2056	862	442	510	281	118	153	82	1793	37	231	26	552	4314	774	5088
49674	50039	2056	2057	865	443	510	281	118	153	82	1802	37	234	26	560	4339	774	5113
50039	50404	2057	2058	868	444	510	282	119	154	83	1811	37	238	26	567	4363	775	5138
50404	50769	2058	2059	871	444	510	282	119	154	83	1820	37	241	26	575	4386	775	5161
50769	51135	2059	2060	873	445	510	282	119	154	83	1828	37	244	26	582	4409	775	5184
51135	51500	2060	2061	876	445	510	283	119	155	83	1837	38	247	26	589	4431	776	5207
51500	51865	2061	2062	878	446	510	283	119	155	83	1845	38	250	27	595	4453	776	5229
51865	52230	2062	2063	881	446	510	283	119	155	83	1854	38	253	27	602	4474	776	5250
52230	52596	2063	2064	883	447	510	284	119	156	83	1862	38	256	27	608	4495	776	5271
52596	52961	2064	2065	885	447	510	284	119	156	83	1870	38	258	27	615	4515	776	5292
52961	53326	2065	2066	887	448	510	284	119	156	83	1878	38	261	27	621	4535	777	5312
53326	53691	2066	2067	889	448	510	285	119	156	83	1886	38	264	27	626	4554	777	5331

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	891	449	510	285	119	157	83	1894	38	266	27	632	4573	777	5350
54057	54422	2068	2069	893	449	510	285	119	157	83	1902	38	269	27	638	4592	777	5369
54422	54787	2069	2070	894	449	510	285	119	157	83	1910	38	271	27	643	4610	777	5387
54787	55152	2070	2071	896	450	510	285	119	157	83	1917	38	273	27	648	4627	778	5405
55152	55518	2071	2072	898	450	510	286	119	158	83	1924	38	275	27	653	4644	778	5421
55518	55883	2072	2073	899	450	510	286	119	158	83	1932	38	277	27	658	4660	778	5438
55883	56248	2073	2074	901	451	510	286	119	158	83	1939	38	280	27	663	4677	778	5455
56248	56613	2074	2075	902	451	510	286	119	158	83	1946	38	282	27	668	4693	778	5471
56613	56979	2075	2076	903	451	510	286	119	158	83	1953	38	284	28	672	4708	778	5486
56979	57344	2076	2077	905	452	510	286	119	159	83	1960	38	285	28	676	4723	778	5501
57344	57709	2077	2078	906	452	510	287	119	159	83	1966	38	287	28	681	4738	778	5516
57709	58074	2078	2079	907	452	510	287	119	159	83	1973	38	289	28	685	4752	779	5531
58074	58440	2079	2080	909	453	510	287	119	159	83	1980	38	291	28	689	4766	779	5545
58440	58805	2080	2081	910	453	510	287	119	159	83	1986	38	293	28	693	4780	779	5559
58805	59170	2081	2082	911	453	510	287	119	159	83	1992	38	294	28	697	4794	779	5573
59170	59535	2082	2083	912	453	510	287	119	159	83	1999	38	296	28	701	4808	779	5587
59535	59901	2083	2084	913	454	510	287	119	160	83	2005	38	298	28	705	4821	779	5600
59901	60266	2084	2085	914	454	510	287	119	160	83	2011	38	299	28	709	4834	779	5613
60266	60631	2085	2086	915	454	510	287	119	160	83	2017	38	301	28	712	4847	779	5626
60631	60996	2086	2087	916	454	510	288	119	160	83	2023	38	302	28	716	4859	779	5638
60996	61362	2087	2088	917	455	510	288	119	160	83	2029	38	303	28	719	4871	780	5650
61362	61727	2088	2089	918	455	510	288	119	160	83	2034	38	305	28	722	4882	780	5662
61727	62092	2089	2090	919	455	510	288	119	160	83	2040	39	306	28	726	4894	780	5674
62092	62457	2090	2091	920	455	510	288	119	160	83	2046	39	308	28	729	4906	780	5686
62457	62823	2091	2092	921	456	510	288	119	160	83	2051	39	309	28	732	4917	780	5697
62823	63188	2092	2093	922	456	510	288	119	160	83	2057	39	310	28	735	4928	780	5708
63188	63553	2093	2094	923	456	510	288	119	161	83	2062	39	312	28	738	4940	780	5720
63553	63918	2094	2095	924	456	510	288	119	161	83	2068	39	313	29	741	4950	780	5730
63918	64284	2095	2096	925	456	510	288	119	161	83	2073	39	314	29	744	4961	780	5741
64284	64649	2096	2097	925	457	510	288	119	161	83	2078	39	315	29	747	4971	780	5751
64649	65014	2097	2098	926	457	510	288	119	161	83	2082	39	316	29	750	4980	780	5761
65014	65379	2098	2099	927	457	510	288	119	161	83	2088	39	317	29	752	4991	780	5771
65379	65745	2099	2100	928	457	510	289	119	161	83	2093	39	318	29	755	5001	780	5781
65745	66110	2100	2101	928	457	510	289	119	161	83	2097	39	319	29	758	5010	780	5790
66110	66475	2101	2102	929	457	510	289	119	161	83	2101	39	320	29	760	5018	780	5798
66475	66840	2102	2103	930	458	510	289	119	161	83	2106	39	321	29	763	5027	781	5808
66840	67206	2103	2104	930	458	510	289	119	161	83	2110	39	322	29	765	5035	781	5816
67206	67571	2104	2105	931	458	510	289	119	161	83	2114	39	323	29	767	5044	781	5824
67571	67936	2105	2106	932	458	510	289	119	161	83	2118	39	324	29	769	5051	781	5832
67936	68301	2106	2107	932	458	510	289	119	162	83	2123	39	325	29	772	5060	781	5841
68301	68667	2107	2108	933	458	510	289	119	162	83	2126	39	326	29	773	5067	781	5848
68667	69032	2108	2109	933	459	510	289	119	162	83	2130	39	326	29	776	5075	781	5856
69032	69397	2109	2110	933	459	510	289	119	162	83	2130	39	326	29	776	5075	781	5856

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	3.2	0.0	0.0	0.0	0.2	4.4	0.7	5.0
3652	7305	1930	1940	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.2	0.0	0.0	0.0	0.2	4.4	0.7	5.0
7305	14610	1940	1960	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.2	0.0	0.0	0.0	0.2	4.4	0.7	5.0
14610	18263	1960	1970	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.2	0.0	0.0	0.0	0.2	4.4	0.7	5.0
18263	21915	1970	1980	0.6	0.3	0.5	1.6	0.1	0.2	0.0	5.6	0.0	0.0	0.0	0.2	8.6	0.7	9.2
21915	24837	1980	1988	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.2	9.9	0.7	10.6
24837	25202	1988	1989	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.2	10.0	0.7	10.7
25202	25567	1989	1990	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.8	0.0	0.0	0.0	0.2	10.0	0.7	10.7
25567	25932	1990	1991	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.8	0.0	0.0	0.0	0.2	10.1	0.7	10.8
25932	26298	1991	1992	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.9	0.0	0.0	0.0	0.2	10.1	0.7	10.8
26298	26663	1992	1993	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.9	0.0	0.0	0.0	0.2	10.2	0.7	10.9
26663	27028	1993	1994	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.9	0.0	0.0	0.0	0.2	10.2	0.7	10.9
27028	27393	1994	1995	0.6	0.3	0.5	1.9	0.1	0.2	0.0	7.0	0.0	0.0	0.0	0.2	10.3	0.7	11.0
27393	27759	1995	1996	0.6	0.3	0.5	1.9	0.1	0.3	0.0	7.1	0.0	0.0	0.0	0.2	10.4	0.7	11.0
27759	28124	1996	1997	0.6	0.3	0.5	1.9	0.1	0.3	0.0	7.1	0.0	0.0	0.0	0.2	10.5	0.7	11.1
28124	28489	1997	1998	0.6	0.3	0.5	1.9	0.1	0.3	0.0	7.2	0.0	0.0	0.0	0.2	10.6	0.7	11.2
28489	28854	1998	1999	0.6	0.3	0.5	1.8	0.1	0.3	0.0	7.2	0.0	0.0	0.0	0.2	10.5	0.7	11.2
28854	29220	1999	2000	0.6	0.3	0.5	1.7	0.1	0.3	0.0	7.2	0.0	0.0	0.0	0.2	10.4	0.7	11.1
29220	29585	2000	2001	0.6	0.3	0.5	1.6	0.1	0.3	0.0	7.1	0.0	0.0	0.0	0.2	10.2	0.7	10.9
29585	29950	2001	2002	0.6	0.5	0.5	1.5	0.1	0.3	0.0	7.6	0.0	0.1	0.0	0.3	10.9	0.7	11.6
29950	30315	2002	2003	0.6	0.5	0.5	1.5	0.1	0.3	0.0	7.7	0.0	0.1	0.0	0.3	11.0	0.7	11.7
30315	30681	2003	2004	0.6	0.5	0.5	1.4	0.1	0.3	0.0	7.6	0.0	0.1	0.0	0.4	11.0	0.7	11.7
30681	31046	2004	2005	0.6	0.5	0.5	1.3	0.1	0.3	0.0	7.6	0.0	0.2	0.0	0.4	10.9	0.7	11.6
31046	31411	2005	2006	0.7	0.5	0.5	1.3	0.1	0.3	0.0	7.5	0.0	0.2	0.0	0.5	10.8	0.7	11.5
31411	31776	2006	2007	0.7	0.5	0.5	1.2	0.1	0.3	0.0	7.3	0.0	0.2	0.0	0.5	10.6	0.7	11.3
31776	32142	2007	2008	0.7	0.4	0.5	1.1	0.1	0.3	0.0	7.2	0.0	0.2	0.0	0.5	10.5	0.7	11.2
32142	32507	2008	2009	0.7	0.4	0.5	1.1	0.1	0.3	0.0	7.1	0.0	0.2	0.0	0.5	10.2	0.7	10.9
32507	32872	2009	2010	0.7	0.4	0.5	1.0	0.1	0.3	0.0	6.9	0.0	0.2	0.0	0.5	10.0	0.7	10.7
32872	33237	2010	2011	0.7	0.4	0.5	1.0	0.1	0.3	0.0	6.9	0.0	0.2	0.0	0.5	9.9	0.7	10.6
33237	33603	2011	2012	0.7	0.4	0.5	0.9	0.1	0.3	0.0	6.8	0.0	0.2	0.0	0.5	9.7	0.7	10.4
33603	33968	2012	2013	0.7	0.4	0.5	0.9	0.1	0.3	0.0	6.7	0.0	0.2	0.0	0.5	9.6	0.7	10.4
33968	34333	2013	2014	0.7	0.4	0.5	0.9	0.1	0.3	0.0	6.6	0.0	0.2	0.0	0.5	9.6	0.7	10.3
34333	34698	2014	2015	0.7	0.4	0.5	0.9	0.1	0.3	0.0	6.6	0.0	0.2	0.0	0.5	9.5	0.7	10.2
34698	35064	2015	2016	0.7	0.4	0.5	0.9	0.1	0.3	0.0	6.6	0.0	0.2	0.0	0.5	9.4	0.7	10.1
35064	35429	2016	2017	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.5	0.0	0.2	0.0	0.5	9.4	0.7	10.1
35429	35794	2017	2018	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.5	0.0	0.2	0.0	0.5	9.3	0.7	10.0
35794	36159	2018	2019	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.4	0.0	0.2	0.0	0.5	9.3	0.7	10.0
36159	36525	2019	2020	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.4	0.0	0.2	0.0	0.5	9.3	0.7	10.0
36525	36890	2020	2021	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.4	0.0	0.2	0.0	0.5	9.2	0.7	9.9
36890	37255	2021	2022	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.4	0.0	0.2	0.0	0.5	9.2	0.7	9.9
37255	37620	2022	2023	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.3	0.0	0.2	0.0	0.5	9.2	0.7	9.9
37620	37986	2023	2024	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.3	0.0	0.3	0.0	0.5	9.2	0.7	9.9
37986	38351	2024	2025	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.5	0.0	0.3	0.0	0.5	9.4	0.8	10.1

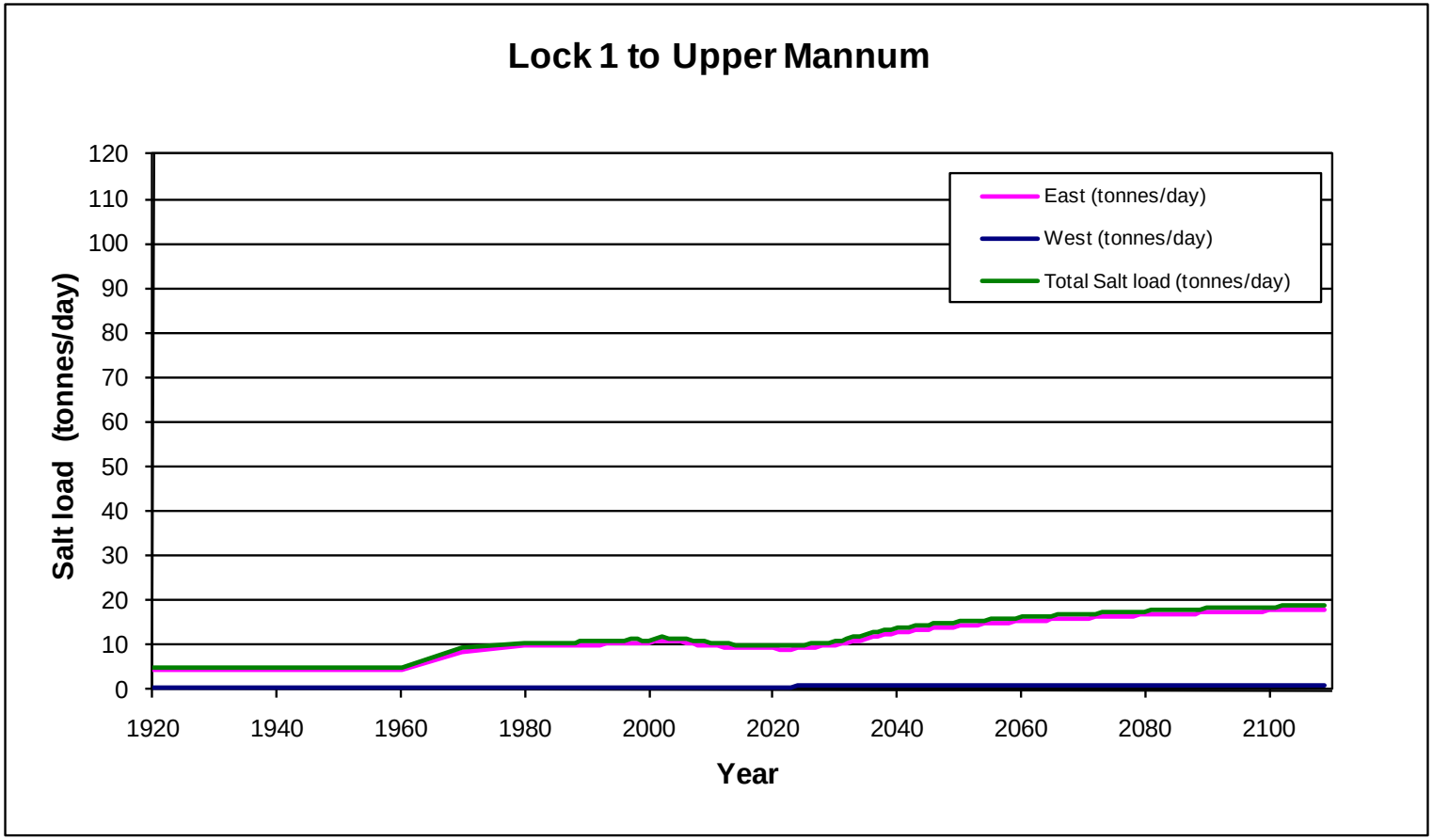
B-3(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 4)

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	0.7	0.4	0.5	0.8	0.1	0.3	0.1	6.5	0.0	0.3	0.0	0.5	9.4	0.8	10.2
38716	39081	2026	2027	0.7	0.4	0.5	0.8	0.1	0.3	0.1	6.6	0.0	0.3	0.0	0.6	9.6	0.8	10.3
39081	39447	2027	2028	0.7	0.4	0.5	0.8	0.1	0.3	0.1	6.6	0.0	0.3	0.0	0.6	9.7	0.8	10.5
39447	39812	2028	2029	0.7	0.4	0.5	0.8	0.1	0.3	0.1	6.6	0.0	0.4	0.0	0.6	9.8	0.8	10.6
39812	40177	2029	2030	0.7	0.4	0.5	0.8	0.1	0.3	0.1	6.6	0.0	0.4	0.0	0.6	9.9	0.8	10.7
40177	40542	2030	2031	0.7	0.4	0.5	0.9	0.1	0.3	0.1	6.7	0.0	0.5	0.0	0.7	10.1	0.8	10.9
40542	40908	2031	2032	0.7	0.4	0.5	0.9	0.1	0.3	0.1	6.7	0.0	0.5	0.0	0.7	10.3	0.8	11.1
40908	41273	2032	2033	0.7	0.4	0.5	1.0	0.2	0.4	0.1	6.9	0.0	0.5	0.0	0.8	10.7	0.8	11.5
41273	41638	2033	2034	0.7	0.4	0.5	1.0	0.2	0.4	0.1	7.0	0.0	0.6	0.0	0.8	10.9	0.8	11.7
41638	42003	2034	2035	0.7	0.4	0.5	1.1	0.2	0.4	0.1	7.1	0.0	0.6	0.0	0.8	11.1	0.9	11.9
42003	42369	2035	2036	0.7	0.4	0.5	1.1	0.2	0.5	0.1	7.2	0.0	0.6	0.0	1.0	11.5	0.9	12.4
42369	42734	2036	2037	0.7	0.4	0.5	1.1	0.2	0.6	0.1	7.2	0.1	0.6	0.0	1.2	11.9	0.9	12.8
42734	43099	2037	2038	0.7	0.4	0.5	1.1	0.2	0.6	0.1	7.3	0.1	0.7	0.0	1.3	12.2	0.9	13.1
43099	43464	2038	2039	0.7	0.4	0.5	1.1	0.2	0.6	0.1	7.3	0.1	0.7	0.0	1.5	12.4	0.9	13.3
43464	43830	2039	2040	0.8	0.4	0.5	1.2	0.2	0.6	0.1	7.4	0.1	0.7	0.0	1.6	12.6	0.9	13.5
43830	44195	2040	2041	0.8	0.4	0.5	1.2	0.2	0.6	0.1	7.4	0.1	0.7	0.0	1.7	12.8	0.9	13.7
44195	44560	2041	2042	0.8	0.4	0.5	1.2	0.2	0.6	0.1	7.5	0.1	0.8	0.0	1.7	13.0	0.9	13.9
44560	44925	2042	2043	0.8	0.4	0.5	1.2	0.2	0.7	0.1	7.5	0.1	0.8	0.0	1.8	13.2	0.9	14.1
44925	45291	2043	2044	0.8	0.4	0.5	1.2	0.2	0.7	0.1	7.6	0.1	0.8	0.0	1.9	13.3	0.9	14.2
45291	45656	2044	2045	0.8	0.4	0.5	1.2	0.2	0.7	0.1	7.6	0.1	0.8	0.0	2.0	13.5	0.9	14.4
45656	46021	2045	2046	0.8	0.4	0.5	1.2	0.2	0.7	0.1	7.6	0.1	0.9	0.0	2.0	13.7	0.9	14.5
46021	46386	2046	2047	0.8	0.4	0.5	1.2	0.2	0.7	0.1	7.7	0.1	0.9	0.0	2.1	13.8	0.9	14.7
46386	46752	2047	2048	0.8	0.4	0.5	1.2	0.2	0.7	0.1	7.7	0.1	0.9	0.0	2.1	13.9	0.9	14.8
46752	47117	2048	2049	0.8	0.4	0.5	1.2	0.2	0.7	0.1	7.8	0.1	0.9	0.0	2.2	14.1	0.9	15.0
47117	47482	2049	2050	0.8	0.4	0.5	1.2	0.2	0.7	0.1	7.8	0.1	0.9	0.0	2.2	14.2	0.9	15.1
47482	47847	2050	2051	0.8	0.4	0.5	1.2	0.2	0.7	0.1	7.9	0.1	1.0	0.0	2.3	14.3	0.9	15.2
47847	48213	2051	2052	0.8	0.4	0.5	1.3	0.2	0.7	0.1	7.9	0.1	1.0	0.0	2.3	14.4	0.9	15.3
48213	48578	2052	2053	0.9	0.4	0.5	1.3	0.2	0.7	0.1	7.9	0.1	1.0	0.0	2.4	14.5	0.9	15.4
48578	48943	2053	2054	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.0	0.1	1.0	0.0	2.4	14.6	0.9	15.5
48943	49308	2054	2055	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.0	0.1	1.0	0.0	2.4	14.7	0.9	15.6
49308	49674	2055	2056	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.1	0.1	1.0	0.0	2.5	14.8	0.9	15.8
49674	50039	2056	2057	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.1	0.1	1.1	0.0	2.5	14.9	0.9	15.9
50039	50404	2057	2058	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.2	0.1	1.1	0.0	2.6	15.0	0.9	15.9
50404	50769	2058	2059	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.2	0.1	1.1	0.0	2.6	15.1	0.9	16.0
50769	51135	2059	2060	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.2	0.1	1.1	0.0	2.6	15.2	0.9	16.1
51135	51500	2060	2061	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.3	0.1	1.1	0.0	2.6	15.3	0.9	16.2
51500	51865	2061	2062	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.3	0.1	1.1	0.0	2.7	15.4	0.9	16.3
51865	52230	2062	2063	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.3	0.1	1.1	0.0	2.7	15.5	0.9	16.4
52230	52596	2063	2064	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.4	0.1	1.2	0.0	2.7	15.6	0.9	16.5
52596	52961	2064	2065	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.4	0.1	1.2	0.0	2.8	15.7	0.9	16.6
52961	53326	2065	2066	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.5	0.1	1.2	0.0	2.8	15.7	0.9	16.6
53326	53691	2066	2067	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.5	0.1	1.2	0.0	2.8	15.8	0.9	16.7

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	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.5	0.1	1.2	0.0	2.8	15.9	0.9	16.8
54057	54422	2068	2069	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.6	0.1	1.2	0.0	2.9	16.0	0.9	16.9
54422	54787	2069	2070	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.6	0.1	1.2	0.0	2.9	16.0	0.9	17.0
54787	55152	2070	2071	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.6	0.1	1.2	0.0	2.9	16.1	0.9	17.0
55152	55518	2071	2072	0.9	0.5	0.5	1.3	0.2	0.7	0.1	8.7	0.1	1.2	0.0	2.9	16.2	0.9	17.1
55518	55883	2072	2073	0.9	0.5	0.5	1.3	0.2	0.7	0.1	8.7	0.1	1.2	0.0	3.0	16.2	0.9	17.2
55883	56248	2073	2074	0.9	0.5	0.5	1.3	0.2	0.7	0.1	8.7	0.1	1.3	0.0	3.0	16.3	0.9	17.2
56248	56613	2074	2075	0.9	0.5	0.5	1.3	0.2	0.7	0.1	8.8	0.1	1.3	0.0	3.0	16.4	0.9	17.3
56613	56979	2075	2076	0.9	0.5	0.5	1.3	0.2	0.7	0.1	8.8	0.1	1.3	0.0	3.0	16.4	0.9	17.4
56979	57344	2076	2077	0.9	0.5	0.5	1.3	0.2	0.7	0.1	8.8	0.1	1.3	0.0	3.0	16.5	0.9	17.4
57344	57709	2077	2078	0.9	0.5	0.5	1.3	0.2	0.7	0.1	8.8	0.1	1.3	0.0	3.1	16.6	0.9	17.5
57709	58074	2078	2079	0.9	0.5	0.5	1.3	0.2	0.7	0.1	8.9	0.1	1.3	0.0	3.1	16.6	0.9	17.5
58074	58440	2079	2080	0.9	0.5	0.5	1.3	0.2	0.7	0.1	8.9	0.1	1.3	0.0	3.1	16.7	0.9	17.6
58440	58805	2080	2081	0.9	0.5	0.5	1.3	0.2	0.7	0.1	8.9	0.1	1.3	0.0	3.1	16.7	0.9	17.7
58805	59170	2081	2082	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.0	0.1	1.3	0.0	3.1	16.8	0.9	17.7
59170	59535	2082	2083	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.0	0.1	1.3	0.0	3.2	16.9	0.9	17.8
59535	59901	2083	2084	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.0	0.1	1.3	0.0	3.2	16.9	0.9	17.8
59901	60266	2084	2085	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.1	0.1	1.3	0.0	3.2	17.0	0.9	17.9
60266	60631	2085	2086	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.1	0.1	1.4	0.0	3.2	17.0	0.9	17.9
60631	60996	2086	2087	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.1	0.1	1.4	0.0	3.2	17.1	0.9	18.0
60996	61362	2087	2088	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.1	0.1	1.4	0.0	3.2	17.1	0.9	18.0
61362	61727	2088	2089	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.2	0.1	1.4	0.0	3.2	17.2	0.9	18.1
61727	62092	2089	2090	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.2	0.1	1.4	0.0	3.3	17.2	0.9	18.1
62092	62457	2090	2091	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.2	0.1	1.4	0.0	3.3	17.3	0.9	18.2
62457	62823	2091	2092	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.2	0.1	1.4	0.0	3.3	17.3	0.9	18.2
62823	63188	2092	2093	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.3	0.1	1.4	0.0	3.3	17.4	0.9	18.3
63188	63553	2093	2094	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.3	0.1	1.4	0.0	3.3	17.4	0.9	18.3
63553	63918	2094	2095	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.3	0.1	1.4	0.0	3.3	17.4	0.9	18.4
63918	64284	2095	2096	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.3	0.1	1.4	0.0	3.3	17.5	0.9	18.4
64284	64649	2096	2097	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.4	0.1	1.4	0.0	3.4	17.5	0.9	18.4
64649	65014	2097	2098	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.4	0.1	1.4	0.0	3.4	17.6	0.9	18.5
65014	65379	2098	2099	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.4	0.1	1.4	0.0	3.4	17.6	0.9	18.5
65379	65745	2099	2100	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.4	0.1	1.4	0.0	3.4	17.7	0.9	18.6
65745	66110	2100	2101	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.4	0.1	1.4	0.0	3.4	17.7	0.9	18.6
66110	66475	2101	2102	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.5	0.1	1.4	0.0	3.4	17.7	0.9	18.6
66475	66840	2102	2103	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.5	0.1	1.4	0.0	3.4	17.8	0.9	18.7
66840	67206	2103	2104	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.5	0.1	1.4	0.0	3.4	17.8	0.9	18.7
67206	67571	2104	2105	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.5	0.1	1.5	0.0	3.5	17.8	0.9	18.8
67571	67936	2105	2106	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.5	0.1	1.5	0.0	3.5	17.9	0.9	18.8
67936	68301	2106	2107	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.6	0.1	1.5	0.0	3.5	17.9	0.9	18.8
68301	68667	2107	2108	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.6	0.1	1.5	0.0	3.5	17.9	0.9	18.8
68667	69032	2108	2109	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.6	0.1	1.5	0.0	3.5	18.0	0.9	18.9
69032	69397	2109	2110	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.6	0.1	1.5	0.0	3.5	18.0	0.9	18.9
	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	635	141	488	17	73	25	6	708	30	8	11	40	*1573*	*610*	2182
3652	*7305*	1930	1940	635	141	488	17	73	25	6	708	30	8	11	40	*1573*	*609*	2182
7305	*14610*	1940	1960	635	141	488	17	73	25	6	708	30	8	11	40	*1574*	*609*	2182
14610	*18263*	1960	1970	635	141	488	17	73	25	6	708	30	8	11	40	*1574*	*608*	2182
18263	*21915*	1970	1980	635	298	488	359	73	34	6	1253	30	8	11	40	*2627*	*608*	3235
21915	*24837*	1980	1988	635	332	487	406	73	48	6	1482	30	8	11	40	*2950*	*608*	3558
24837	*25202*	1988	1989	635	334	487	409	73	50	6	1500	30	8	11	40	*2975*	*608*	3582
25202	*25567*	1989	1990	635	335	487	410	73	51	6	1508	30	8	11	40	*2986*	*608*	3594
25567	*25932*	1990	1991	635	337	487	411	73	51	6	1518	30	8	11	40	*3000*	*608*	3607
25932	*26298*	1991	1992	635	338	487	412	73	52	6	1526	30	8	11	40	*3011*	*608*	3618
26298	*26663*	1992	1993	635	339	487	414	73	53	6	1536	30	8	11	40	*3024*	*608*	3631
26663	*27028*	1993	1994	635	340	487	415	73	54	6	1543	30	8	11	40	*3034*	*608*	3641
27028	*27393*	1994	1995	635	340	487	416	73	54	6	1551	30	8	11	40	*3044*	*608*	3651
27393	*27759*	1995	1996	635	342	487	418	73	56	6	1568	30	8	11	40	*3067*	*608*	3674
27759	*28124*	1996	1997	635	344	487	420	73	57	6	1584	30	8	11	40	*3088*	*608*	3696
28124	*28489*	1997	1998	635	346	487	421	73	59	6	1600	30	8	11	40	*3108*	*608*	3716
28489	*28854*	1998	1999	635	342	487	411	73	60	6	1606	30	8	11	40	*3101*	*608*	3709
28854	*29220*	1999	2000	635	332	487	387	73	61	6	1600	30	8	11	40	*3062*	*607*	3670
29220	*29585*	2000	2001	635	324	487	363	73	63	6	1587	30	8	11	40	*3019*	*607*	3627
29585	*29950*	2001	2002	638	464	489	343	88	64	6	1695	30	11	12	59	*3275*	*625*	3900
29950	*30315*	2002	2003	642	489	490	326	93	65	6	1707	30	19	13	77	*3324*	*633*	3957
30315	*30681*	2003	2004	646	490	491	310	95	65	6	1697	30	27	14	89	*3324*	*636*	3961
30681	*31046*	2004	2005	649	482	491	296	95	66	6	1679	30	34	15	96	*3302*	*638*	3940
31046	*31411*	2005	2006	651	471	491	282	95	66	6	1658	30	40	16	101	*3268*	*638*	3906
31411	*31776*	2006	2007	652	457	491	268	94	66	6	1633	30	44	16	103	*3224*	*638*	3862
31776	*32142*	2007	2008	653	441	491	255	93	66	6	1606	30	47	16	105	*3174*	*637*	3811
32142	*32507*	2008	2009	654	416	491	239	91	66	6	1570	30	49	17	103	*3097*	*636*	3732
32507	*32872*	2009	2010	654	405	491	225	91	66	6	1544	30	50	17	102	*3047*	*635*	3682
32872	*33237*	2010	2011	654	398	491	215	91	66	6	1523	30	51	17	102	*3010*	*635*	3645
33237	*33603*	2011	2012	655	394	491	208	91	66	6	1505	30	51	17	102	*2980*	*635*	3615
33603	*33968*	2012	2013	655	390	491	202	91	65	6	1491	30	52	17	102	*2957*	*635*	3592
33968	*34333*	2013	2014	655	387	491	198	91	65	6	1478	30	52	17	102	*2937*	*635*	3573
34333	*34698*	2014	2015	655	385	491	194	91	64	6	1465	31	53	17	103	*2919*	*635*	3554
34698	*35064*	2015	2016	656	383	491	191	91	64	6	1456	31	53	17	103	*2906*	*636*	3541
35064	*35429*	2016	2017	656	381	491	188	91	63	6	1446	31	54	17	104	*2892*	*636*	3527
35429	*35794*	2017	2018	656	380	491	186	91	63	6	1438	31	54	17	104	*2880*	*636*	3516
35794	*36159*	2018	2019	656	378	491	184	91	62	6	1429	31	54	17	104	*2869*	*636*	3505
36159	*36525*	2019	2020	657	377	491	182	91	62	6	1423	31	55	17	105	*2860*	*636*	3496
36525	*36890*	2020	2021	657	377	491	181	91	61	6	1417	31	55	17	105	*2853*	*636*	3489
36890	*37255*	2021	2022	657	376	491	180	91	61	6	1413	31	55	17	105	*2847*	*636*	3484
37255	*37620*	2022	2023	657	375	491	179	91	61	6	1409	31	55	17	106	*2843*	*636*	3479
37620	*37986*	2023	2024	657	375	491	178	91	60	6	1405	31	56	18	106	*2837*	*636*	3474
37986	*38351*	2024	2025	660	374	493	177	95	60	29	1450	31	56	18	110	*2886*	*666*	3552

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	662	373	495	177	96	59	38	1453	31	58	19	113	*2895*	*679*	3574
38716	*39081*	2026	2027	665	374	496	178	97	60	42	1462	31	65	20	130	*2932*	*685*	3617
39081	*39447*	2027	2028	667	374	497	180	97	61	44	1467	31	75	20	135	*2959*	*690*	3648
39447	*39812*	2028	2029	669	375	498	184	97	63	45	1469	32	86	20	139	*2986*	*692*	3678
39812	*40177*	2029	2030	672	377	498	188	98	64	46	1471	32	95	21	142	*3009*	*694*	3703
40177	*40542*	2030	2031	674	381	503	198	98	72	50	1486	32	103	21	152	*3067*	*704*	3771
40542	*40908*	2031	2032	676	385	504	206	98	75	52	1496	32	111	22	159	*3108*	*708*	3815
40908	*41273*	2032	2033	678	389	505	218	103	93	62	1534	32	118	22	172	*3202*	*724*	3926
41273	*41638*	2033	2034	683	393	505	228	105	97	67	1557	32	125	22	177	*3259*	*732*	3991
41638	*42003*	2034	2035	688	396	506	235	106	100	69	1570	33	131	23	181	*3299*	*736*	4036
42003	*42369*	2035	2036	696	402	506	242	112	120	74	1596	33	137	23	224	*3416*	*748*	4164
42369	*42734*	2036	2037	713	408	507	247	114	131	76	1608	34	143	23	265	*3514*	*754*	4267
42734	*43099*	2037	2038	730	413	508	251	115	136	77	1619	34	148	23	298	*3595*	*757*	4352
43099	*43464*	2038	2039	746	417	508	255	115	139	78	1628	35	154	24	325	*3664*	*760*	4424
43464	*43830*	2039	2040	760	420	509	259	116	141	79	1638	35	159	24	348	*3726*	*762*	4488
43830	*44195*	2040	2041	773	423	509	262	116	143	79	1648	35	164	24	369	*3782*	*763*	4545
44195	*44560*	2041	2042	784	426	509	264	116	144	80	1658	36	169	24	388	*3833*	*765*	4598
44560	*44925*	2042	2043	793	428	509	267	117	145	80	1668	36	174	24	405	*3880*	*766*	4646
44925	*45291*	2043	2044	802	430	509	269	117	146	80	1678	36	180	25	421	*3925*	*767*	4692
45291	*45656*	2044	2045	810	431	509	270	117	146	81	1688	36	184	25	435	*3966*	*768*	4734
45656	*46021*	2045	2046	817	433	510	272	117	147	81	1698	36	189	25	449	*4005*	*769*	4774
46021	*46386*	2046	2047	823	434	510	273	117	148	81	1708	36	194	25	462	*4042*	*770*	4812
46386	*46752*	2047	2048	829	435	510	274	118	149	81	1718	36	199	25	474	*4078*	*770*	4848
46752	*47117*	2048	2049	834	437	510	275	118	149	82	1728	37	203	25	485	*4111*	*771*	4882
47117	*47482*	2049	2050	839	438	510	276	118	150	82	1737	37	208	25	496	*4144*	*771*	4915
47482	*47847*	2050	2051	843	439	510	277	118	150	82	1747	37	212	26	506	*4174*	*772*	4946
47847	*48213*	2051	2052	848	439	510	278	118	151	82	1756	37	216	26	516	*4204*	*772*	4977
48213	*48578*	2052	2053	852	440	510	279	118	151	82	1766	37	220	26	526	*4233*	*773*	5006
48578	*48943*	2053	2054	855	441	510	279	118	152	82	1775	37	224	26	535	*4261*	*773*	5034
48943	*49308*	2054	2055	859	442	510	280	118	152	82	1784	37	227	26	543	*4288*	*774*	5061
49308	*49674*	2055	2056	862	442	510	281	118	153	82	1793	37	231	26	552	*4313*	*774*	5088
49674	*50039*	2056	2057	865	443	510	281	118	153	82	1802	37	234	26	560	*4339*	*774*	5113
50039	*50404*	2057	2058	868	444	510	282	119	154	83	1811	37	238	26	567	*4363*	*775*	5138
50404	*50769*	2058	2059	871	444	510	282	119	154	83	1820	37	241	26	575	*4386*	*775*	5161
50769	*51135*	2059	2060	873	445	510	282	119	154	83	1828	37	244	26	582	*4409*	*775*	5184
51135	*51500*	2060	2061	876	445	510	283	119	155	83	1837	38	247	26	589	*4431*	*776*	5207
51500	*51865*	2061	2062	878	446	510	283	119	155	83	1845	38	250	27	595	*4453*	*776*	5229
51865	*52230*	2062	2063	881	446	510	283	119	155	83	1854	38	253	27	602	*4474*	*776*	5250
52230	*52596*	2063	2064	883	447	510	284	119	156	83	1862	38	256	27	608	*4494*	*776*	5270
52596	*52961*	2064	2065	885	447	510	284	119	156	83	1870	38	258	27	614	*4514*	*776*	5290
52961	*53326*	2065	2066	887	448	510	284	119	156	83	1878	38	261	27	620	*4533*	*777*	5310
53326	*53691*	2066	2067	889	448	510	284	119	156	83	1886	38	263	27	626	*4553*	*777*	5329

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	887	448	510	284	119	156	83	1878	38	261	27	620	4533	777	5310
54057	54422	2068	2069	889	448	510	284	119	156	83	1886	38	263	27	626	4553	777	5329
54422	54787	2069	2070	891	449	510	285	119	157	83	1894	38	266	27	632	4572	777	5349
54787	55152	2070	2071	892	449	510	285	119	157	83	1901	38	268	27	637	4590	777	5367
55152	55518	2071	2072	894	449	510	285	119	157	83	1909	38	271	27	642	4608	777	5385
55518	55883	2072	2073	896	450	510	285	119	157	83	1916	38	273	27	648	4625	778	5402
55883	56248	2073	2074	897	450	510	286	119	158	83	1923	38	275	27	653	4642	778	5419
56248	56613	2074	2075	899	450	510	286	119	158	83	1930	38	277	27	657	4657	778	5435
56613	56979	2075	2076	900	451	510	286	119	158	83	1937	38	279	27	662	4673	778	5451
56979	57344	2076	2077	902	451	510	286	119	158	83	1944	38	281	27	667	4689	778	5467
57344	57709	2077	2078	903	451	510	286	119	158	83	1951	38	283	28	671	4705	778	5483
57709	58074	2078	2079	905	452	510	286	119	158	83	1959	38	285	28	676	4720	778	5499
58074	58440	2079	2080	906	452	510	287	119	159	83	1966	38	287	28	680	4736	778	5514
58440	58805	2080	2081	907	452	510	287	119	159	83	1972	38	289	28	685	4751	779	5530
58805	59170	2081	2082	909	453	510	287	119	159	83	1979	38	291	28	689	4766	779	5544
59170	59535	2082	2083	910	453	510	287	119	159	83	1986	38	293	28	693	4780	779	5559
59535	59901	2083	2084	911	453	510	287	119	159	83	1993	38	294	28	697	4795	779	5574
59901	60266	2084	2085	912	453	510	287	119	159	83	1999	38	296	28	701	4808	779	5587
60266	60631	2085	2086	913	454	510	287	119	160	83	2005	38	298	28	705	4821	779	5600
60631	60996	2086	2087	914	454	510	287	119	160	83	2011	38	299	28	708	4834	779	5613
60996	61362	2087	2088	915	454	510	287	119	160	83	2017	38	301	28	712	4847	779	5626
61362	61727	2088	2089	916	454	510	288	119	160	83	2023	38	302	28	715	4858	779	5637
61727	62092	2089	2090	917	455	510	288	119	160	83	2028	38	303	28	719	4870	780	5649
62092	62457	2090	2091	918	455	510	288	119	160	83	2034	38	305	28	722	4882	780	5661
62457	62823	2091	2092	919	455	510	288	119	160	83	2040	39	306	28	725	4894	780	5674
62823	63188	2092	2093	920	455	510	288	119	160	83	2045	39	308	28	729	4905	780	5685
63188	63553	2093	2094	921	455	510	288	119	160	83	2050	39	309	28	731	4915	780	5694
63553	63918	2094	2095	922	456	510	288	119	160	83	2055	39	310	28	734	4924	780	5704
63918	64284	2095	2096	922	456	510	288	119	161	83	2059	39	311	28	737	4934	780	5714
64284	64649	2096	2097	923	456	510	288	119	161	83	2064	39	312	28	739	4943	780	5723
64649	65014	2097	2098	924	456	510	288	119	161	83	2068	39	313	29	742	4951	780	5731
65014	65379	2098	2099	924	456	510	288	119	161	83	2072	39	314	29	744	4960	780	5740
65379	65745	2099	2100	925	457	510	288	119	161	83	2077	39	315	29	746	4969	780	5749
65745	66110	2100	2101	926	457	510	288	119	161	83	2081	39	316	29	749	4978	780	5758
66110	66475	2101	2102	927	457	510	288	119	161	83	2086	39	317	29	752	4987	780	5767
66475	66840	2102	2103	927	457	510	289	119	161	83	2090	39	318	29	754	4996	780	5776
66840	67206	2103	2104	928	457	510	289	119	161	83	2095	39	319	29	757	5005	780	5786
67206	67571	2104	2105	929	457	510	289	119	161	83	2100	39	320	29	759	5015	780	5795
67571	67936	2105	2106	929	458	510	289	119	161	83	2104	39	321	29	762	5024	781	5804
67936	68301	2106	2107	930	458	510	289	119	161	83	2109	39	322	29	764	5033	781	5813
68301	68667	2107	2108	931	458	510	289	119	161	83	2113	39	323	29	767	5042	781	5823
68667	69032	2108	2109	932	458	510	289	119	161	83	2118	39	324	29	769	5051	781	5831
69032	69397	2109	2110	932	458	510	289	119	162	83	2122	39	325	29	771	5059	781	5840

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	3.2	0.0	0.0	0.0	0.2	4.4	0.7	5.0
3652	7305	1930	1940	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.2	0.0	0.0	0.0	0.2	4.4	0.7	5.0
7305	14610	1940	1960	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.2	0.0	0.0	0.0	0.2	4.4	0.7	5.0
14610	18263	1960	1970	0.6	0.1	0.5	0.1	0.1	0.1	0.0	3.2	0.0	0.0	0.0	0.2	4.4	0.7	5.0
18263	21915	1970	1980	0.6	0.3	0.5	1.6	0.1	0.2	0.0	5.6	0.0	0.0	0.0	0.2	8.6	0.7	9.2
21915	24837	1980	1988	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.2	9.9	0.7	10.6
24837	25202	1988	1989	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.7	0.0	0.0	0.0	0.2	10.0	0.7	10.7
25202	25567	1989	1990	0.6	0.3	0.5	1.8	0.1	0.2	0.0	6.8	0.0	0.0	0.0	0.2	10.0	0.7	10.7
25567	25932	1990	1991	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.8	0.0	0.0	0.0	0.2	10.1	0.7	10.8
25932	26298	1991	1992	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.9	0.0	0.0	0.0	0.2	10.1	0.7	10.8
26298	26663	1992	1993	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.9	0.0	0.0	0.0	0.2	10.2	0.7	10.9
26663	27028	1993	1994	0.6	0.3	0.5	1.9	0.1	0.2	0.0	6.9	0.0	0.0	0.0	0.2	10.2	0.7	10.9
27028	27393	1994	1995	0.6	0.3	0.5	1.9	0.1	0.2	0.0	7.0	0.0	0.0	0.0	0.2	10.3	0.7	11.0
27393	27759	1995	1996	0.6	0.3	0.5	1.9	0.1	0.3	0.0	7.1	0.0	0.0	0.0	0.2	10.4	0.7	11.0
27759	28124	1996	1997	0.6	0.3	0.5	1.9	0.1	0.3	0.0	7.1	0.0	0.0	0.0	0.2	10.5	0.7	11.1
28124	28489	1997	1998	0.6	0.3	0.5	1.9	0.1	0.3	0.0	7.2	0.0	0.0	0.0	0.2	10.6	0.7	11.2
28489	28854	1998	1999	0.6	0.3	0.5	1.8	0.1	0.3	0.0	7.2	0.0	0.0	0.0	0.2	10.5	0.7	11.2
28854	29220	1999	2000	0.6	0.3	0.5	1.7	0.1	0.3	0.0	7.2	0.0	0.0	0.0	0.2	10.4	0.7	11.1
29220	29585	2000	2001	0.6	0.3	0.5	1.6	0.1	0.3	0.0	7.1	0.0	0.0	0.0	0.2	10.2	0.7	10.9
29585	29950	2001	2002	0.6	0.5	0.5	1.5	0.1	0.3	0.0	7.6	0.0	0.1	0.0	0.3	10.9	0.7	11.6
29950	30315	2002	2003	0.6	0.5	0.5	1.5	0.1	0.3	0.0	7.7	0.0	0.1	0.0	0.3	11.0	0.7	11.7
30315	30681	2003	2004	0.6	0.5	0.5	1.4	0.1	0.3	0.0	7.6	0.0	0.1	0.0	0.4	11.0	0.7	11.7
30681	31046	2004	2005	0.6	0.5	0.5	1.3	0.1	0.3	0.0	7.6	0.0	0.2	0.0	0.4	10.9	0.7	11.6
31046	31411	2005	2006	0.7	0.5	0.5	1.3	0.1	0.3	0.0	7.5	0.0	0.2	0.0	0.5	10.8	0.7	11.5
31411	31776	2006	2007	0.7	0.5	0.5	1.2	0.1	0.3	0.0	7.3	0.0	0.2	0.0	0.5	10.6	0.7	11.3
31776	32142	2007	2008	0.7	0.4	0.5	1.1	0.1	0.3	0.0	7.2	0.0	0.2	0.0	0.5	10.5	0.7	11.2
32142	32507	2008	2009	0.7	0.4	0.5	1.1	0.1	0.3	0.0	7.1	0.0	0.2	0.0	0.5	10.2	0.7	10.9
32507	32872	2009	2010	0.7	0.4	0.5	1.0	0.1	0.3	0.0	6.9	0.0	0.2	0.0	0.5	10.0	0.7	10.7
32872	33237	2010	2011	0.7	0.4	0.5	1.0	0.1	0.3	0.0	6.9	0.0	0.2	0.0	0.5	9.9	0.7	10.6
33237	33603	2011	2012	0.7	0.4	0.5	0.9	0.1	0.3	0.0	6.8	0.0	0.2	0.0	0.5	9.7	0.7	10.4
33603	33968	2012	2013	0.7	0.4	0.5	0.9	0.1	0.3	0.0	6.7	0.0	0.2	0.0	0.5	9.6	0.7	10.4
33968	34333	2013	2014	0.7	0.4	0.5	0.9	0.1	0.3	0.0	6.6	0.0	0.2	0.0	0.5	9.6	0.7	10.3
34333	34698	2014	2015	0.7	0.4	0.5	0.9	0.1	0.3	0.0	6.6	0.0	0.2	0.0	0.5	9.5	0.7	10.2
34698	35064	2015	2016	0.7	0.4	0.5	0.9	0.1	0.3	0.0	6.6	0.0	0.2	0.0	0.5	9.4	0.7	10.1
35064	35429	2016	2017	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.5	0.0	0.2	0.0	0.5	9.4	0.7	10.1
35429	35794	2017	2018	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.5	0.0	0.2	0.0	0.5	9.3	0.7	10.0
35794	36159	2018	2019	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.4	0.0	0.2	0.0	0.5	9.3	0.7	10.0
36159	36525	2019	2020	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.4	0.0	0.2	0.0	0.5	9.3	0.7	10.0
36525	36890	2020	2021	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.4	0.0	0.2	0.0	0.5	9.2	0.7	9.9
36890	37255	2021	2022	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.4	0.0	0.2	0.0	0.5	9.2	0.7	9.9
37255	37620	2022	2023	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.3	0.0	0.2	0.0	0.5	9.2	0.7	9.9
37620	37986	2023	2024	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.3	0.0	0.3	0.0	0.5	9.2	0.7	9.9
37986	38351	2024	2025	0.7	0.4	0.5	0.8	0.1	0.3	0.0	6.5	0.0	0.3	0.0	0.5	9.4	0.8	10.1

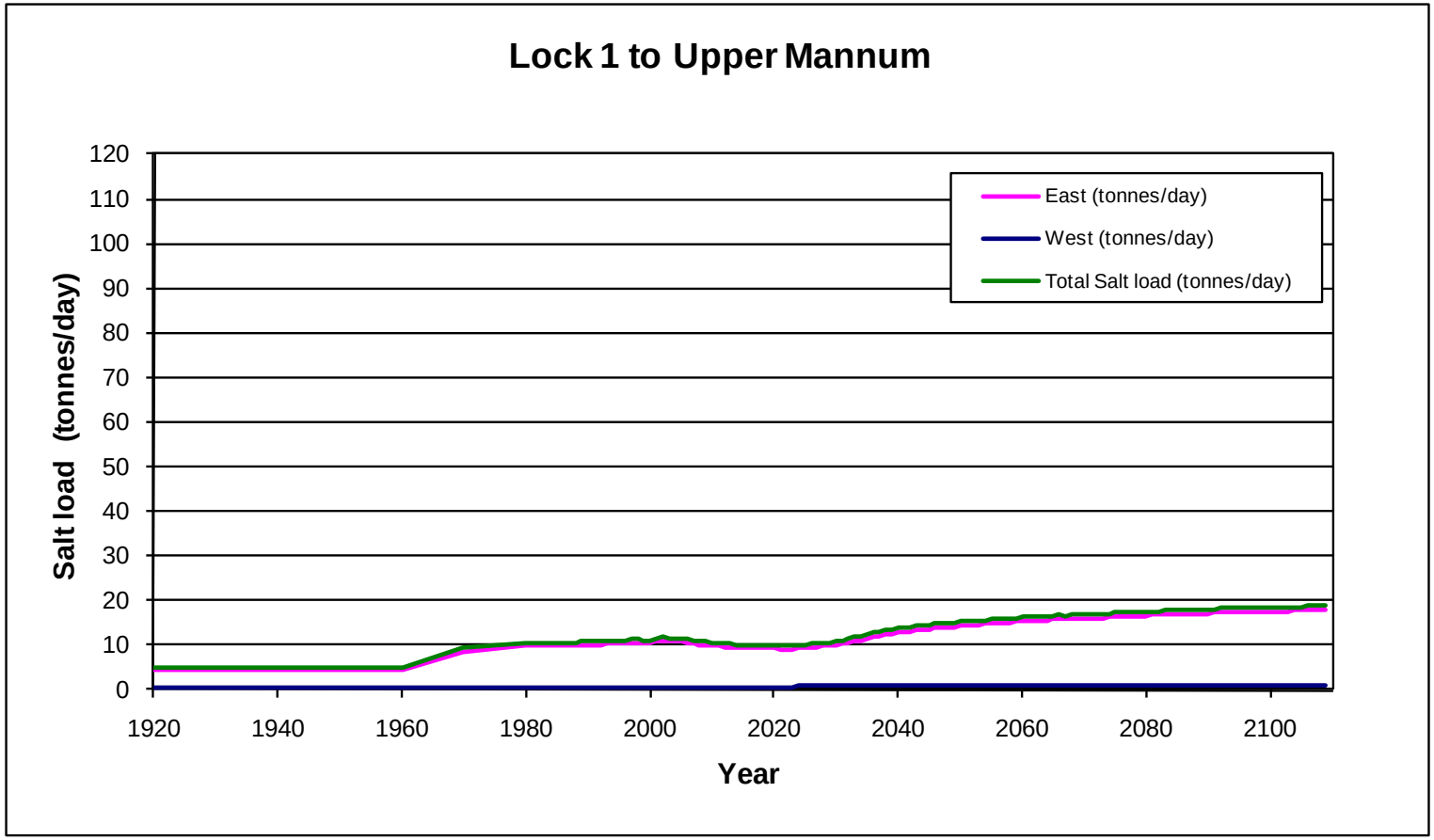
B-3(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Lock 1 to Upper Mannum area (Scenario 5)

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	0.7	0.4	0.5	0.8	0.1	0.3	0.1	6.5	0.0	0.3	0.0	0.5	9.4	0.8	10.2
38716	39081	2026	2027	0.7	0.4	0.5	0.8	0.1	0.3	0.1	6.6	0.0	0.3	0.0	0.6	9.6	0.8	10.3
39081	39447	2027	2028	0.7	0.4	0.5	0.8	0.1	0.3	0.1	6.6	0.0	0.3	0.0	0.6	9.7	0.8	10.5
39447	39812	2028	2029	0.7	0.4	0.5	0.8	0.1	0.3	0.1	6.6	0.0	0.4	0.0	0.6	9.8	0.8	10.6
39812	40177	2029	2030	0.7	0.4	0.5	0.8	0.1	0.3	0.1	6.6	0.0	0.4	0.0	0.6	9.9	0.8	10.7
40177	40542	2030	2031	0.7	0.4	0.5	0.9	0.1	0.3	0.1	6.7	0.0	0.5	0.0	0.7	10.1	0.8	10.9
40542	40908	2031	2032	0.7	0.4	0.5	0.9	0.1	0.3	0.1	6.7	0.0	0.5	0.0	0.7	10.3	0.8	11.1
40908	41273	2032	2033	0.7	0.4	0.5	1.0	0.2	0.4	0.1	6.9	0.0	0.5	0.0	0.8	10.7	0.8	11.5
41273	41638	2033	2034	0.7	0.4	0.5	1.0	0.2	0.4	0.1	7.0	0.0	0.6	0.0	0.8	10.9	0.8	11.7
41638	42003	2034	2035	0.7	0.4	0.5	1.1	0.2	0.4	0.1	7.1	0.0	0.6	0.0	0.8	11.1	0.9	11.9
42003	42369	2035	2036	0.7	0.4	0.5	1.1	0.2	0.5	0.1	7.2	0.0	0.6	0.0	1.0	11.5	0.9	12.4
42369	42734	2036	2037	0.7	0.4	0.5	1.1	0.2	0.6	0.1	7.2	0.1	0.6	0.0	1.2	11.9	0.9	12.8
42734	43099	2037	2038	0.7	0.4	0.5	1.1	0.2	0.6	0.1	7.3	0.1	0.7	0.0	1.3	12.2	0.9	13.1
43099	43464	2038	2039	0.7	0.4	0.5	1.1	0.2	0.6	0.1	7.3	0.1	0.7	0.0	1.5	12.4	0.9	13.3
43464	43830	2039	2040	0.8	0.4	0.5	1.2	0.2	0.6	0.1	7.4	0.1	0.7	0.0	1.6	12.6	0.9	13.5
43830	44195	2040	2041	0.8	0.4	0.5	1.2	0.2	0.6	0.1	7.4	0.1	0.7	0.0	1.7	12.8	0.9	13.7
44195	44560	2041	2042	0.8	0.4	0.5	1.2	0.2	0.6	0.1	7.5	0.1	0.8	0.0	1.7	13.0	0.9	13.9
44560	44925	2042	2043	0.8	0.4	0.5	1.2	0.2	0.7	0.1	7.5	0.1	0.8	0.0	1.8	13.2	0.9	14.1
44925	45291	2043	2044	0.8	0.4	0.5	1.2	0.2	0.7	0.1	7.6	0.1	0.8	0.0	1.9	13.3	0.9	14.2
45291	45656	2044	2045	0.8	0.4	0.5	1.2	0.2	0.7	0.1	7.6	0.1	0.8	0.0	2.0	13.5	0.9	14.4
45656	46021	2045	2046	0.8	0.4	0.5	1.2	0.2	0.7	0.1	7.6	0.1	0.9	0.0	2.0	13.7	0.9	14.5
46021	46386	2046	2047	0.8	0.4	0.5	1.2	0.2	0.7	0.1	7.7	0.1	0.9	0.0	2.1	13.8	0.9	14.7
46386	46752	2047	2048	0.8	0.4	0.5	1.2	0.2	0.7	0.1	7.7	0.1	0.9	0.0	2.1	13.9	0.9	14.8
46752	47117	2048	2049	0.8	0.4	0.5	1.2	0.2	0.7	0.1	7.8	0.1	0.9	0.0	2.2	14.1	0.9	15.0
47117	47482	2049	2050	0.8	0.4	0.5	1.2	0.2	0.7	0.1	7.8	0.1	0.9	0.0	2.2	14.2	0.9	15.1
47482	47847	2050	2051	0.8	0.4	0.5	1.2	0.2	0.7	0.1	7.9	0.1	1.0	0.0	2.3	14.3	0.9	15.2
47847	48213	2051	2052	0.8	0.4	0.5	1.3	0.2	0.7	0.1	7.9	0.1	1.0	0.0	2.3	14.4	0.9	15.3
48213	48578	2052	2053	0.9	0.4	0.5	1.3	0.2	0.7	0.1	7.9	0.1	1.0	0.0	2.4	14.5	0.9	15.4
48578	48943	2053	2054	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.0	0.1	1.0	0.0	2.4	14.6	0.9	15.5
48943	49308	2054	2055	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.0	0.1	1.0	0.0	2.4	14.7	0.9	15.6
49308	49674	2055	2056	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.1	0.1	1.0	0.0	2.5	14.8	0.9	15.8
49674	50039	2056	2057	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.1	0.1	1.1	0.0	2.5	14.9	0.9	15.9
50039	50404	2057	2058	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.2	0.1	1.1	0.0	2.6	15.0	0.9	15.9
50404	50769	2058	2059	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.2	0.1	1.1	0.0	2.6	15.1	0.9	16.0
50769	51135	2059	2060	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.2	0.1	1.1	0.0	2.6	15.2	0.9	16.1
51135	51500	2060	2061	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.3	0.1	1.1	0.0	2.6	15.3	0.9	16.2
51500	51865	2061	2062	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.3	0.1	1.1	0.0	2.7	15.4	0.9	16.3
51865	52230	2062	2063	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.3	0.1	1.1	0.0	2.7	15.5	0.9	16.4
52230	52596	2063	2064	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.4	0.1	1.2	0.0	2.7	15.6	0.9	16.5
52596	52961	2064	2065	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.4	0.1	1.2	0.0	2.8	15.7	0.9	16.6
52961	53326	2065	2066	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.4	0.1	1.2	0.0	2.8	15.7	0.9	16.6
53326	53691	2066	2067	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.5	0.1	1.2	0.0	2.8	15.8	0.9	16.7

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	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.4	0.1	1.2	0.0	2.8	15.7	0.9	16.6
54057	54422	2068	2069	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.5	0.1	1.2	0.0	2.8	15.8	0.9	16.7
54422	54787	2069	2070	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.5	0.1	1.2	0.0	2.8	15.9	0.9	16.8
54787	55152	2070	2071	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.6	0.1	1.2	0.0	2.9	16.0	0.9	16.9
55152	55518	2071	2072	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.6	0.1	1.2	0.0	2.9	16.0	0.9	16.9
55518	55883	2072	2073	0.9	0.4	0.5	1.3	0.2	0.7	0.1	8.6	0.1	1.2	0.0	2.9	16.1	0.9	17.0
55883	56248	2073	2074	0.9	0.5	0.5	1.3	0.2	0.7	0.1	8.7	0.1	1.2	0.0	2.9	16.2	0.9	17.1
56248	56613	2074	2075	0.9	0.5	0.5	1.3	0.2	0.7	0.1	8.7	0.1	1.2	0.0	3.0	16.2	0.9	17.1
56613	56979	2075	2076	0.9	0.5	0.5	1.3	0.2	0.7	0.1	8.7	0.1	1.3	0.0	3.0	16.3	0.9	17.2
56979	57344	2076	2077	0.9	0.5	0.5	1.3	0.2	0.7	0.1	8.7	0.1	1.3	0.0	3.0	16.4	0.9	17.3
57344	57709	2077	2078	0.9	0.5	0.5	1.3	0.2	0.7	0.1	8.8	0.1	1.3	0.0	3.0	16.4	0.9	17.3
57709	58074	2078	2079	0.9	0.5	0.5	1.3	0.2	0.7	0.1	8.8	0.1	1.3	0.0	3.0	16.5	0.9	17.4
58074	58440	2079	2080	0.9	0.5	0.5	1.3	0.2	0.7	0.1	8.8	0.1	1.3	0.0	3.1	16.6	0.9	17.5
58440	58805	2080	2081	0.9	0.5	0.5	1.3	0.2	0.7	0.1	8.9	0.1	1.3	0.0	3.1	16.6	0.9	17.5
58805	59170	2081	2082	0.9	0.5	0.5	1.3	0.2	0.7	0.1	8.9	0.1	1.3	0.0	3.1	16.7	0.9	17.6
59170	59535	2082	2083	0.9	0.5	0.5	1.3	0.2	0.7	0.1	8.9	0.1	1.3	0.0	3.1	16.7	0.9	17.7
59535	59901	2083	2084	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.0	0.1	1.3	0.0	3.1	16.8	0.9	17.7
59901	60266	2084	2085	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.0	0.1	1.3	0.0	3.2	16.9	0.9	17.8
60266	60631	2085	2086	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.0	0.1	1.3	0.0	3.2	16.9	0.9	17.8
60631	60996	2086	2087	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.0	0.1	1.3	0.0	3.2	17.0	0.9	17.9
60996	61362	2087	2088	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.1	0.1	1.4	0.0	3.2	17.0	0.9	17.9
61362	61727	2088	2089	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.1	0.1	1.4	0.0	3.2	17.1	0.9	18.0
61727	62092	2089	2090	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.1	0.1	1.4	0.0	3.2	17.1	0.9	18.0
62092	62457	2090	2091	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.2	0.1	1.4	0.0	3.2	17.2	0.9	18.1
62457	62823	2091	2092	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.2	0.1	1.4	0.0	3.3	17.2	0.9	18.1
62823	63188	2092	2093	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.2	0.1	1.4	0.0	3.3	17.3	0.9	18.2
63188	63553	2093	2094	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.2	0.1	1.4	0.0	3.3	17.3	0.9	18.2
63553	63918	2094	2095	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.2	0.1	1.4	0.0	3.3	17.3	0.9	18.3
63918	64284	2095	2096	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.3	0.1	1.4	0.0	3.3	17.4	0.9	18.3
64284	64649	2096	2097	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.3	0.1	1.4	0.0	3.3	17.4	0.9	18.3
64649	65014	2097	2098	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.3	0.1	1.4	0.0	3.3	17.5	0.9	18.4
65014	65379	2098	2099	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.3	0.1	1.4	0.0	3.3	17.5	0.9	18.4
65379	65745	2099	2100	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.3	0.1	1.4	0.0	3.4	17.5	0.9	18.4
65745	66110	2100	2101	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.4	0.1	1.4	0.0	3.4	17.6	0.9	18.5
66110	66475	2101	2102	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.4	0.1	1.4	0.0	3.4	17.6	0.9	18.5
66475	66840	2102	2103	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.4	0.1	1.4	0.0	3.4	17.6	0.9	18.6
66840	67206	2103	2104	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.4	0.1	1.4	0.0	3.4	17.7	0.9	18.6
67206	67571	2104	2105	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.4	0.1	1.4	0.0	3.4	17.7	0.9	18.6
67571	67936	2105	2106	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.5	0.1	1.4	0.0	3.4	17.8	0.9	18.7
67936	68301	2106	2107	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.5	0.1	1.4	0.0	3.4	17.8	0.9	18.7
68301	68667	2107	2108	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.5	0.1	1.5	0.0	3.4	17.8	0.9	18.7
68667	69032	2108	2109	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.5	0.1	1.5	0.0	3.5	17.9	0.9	18.8
69032	69397	2109	2110	0.9	0.5	0.5	1.3	0.2	0.7	0.1	9.5	0.1	1.5	0.0	3.5	17.9	0.9	18.8
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)

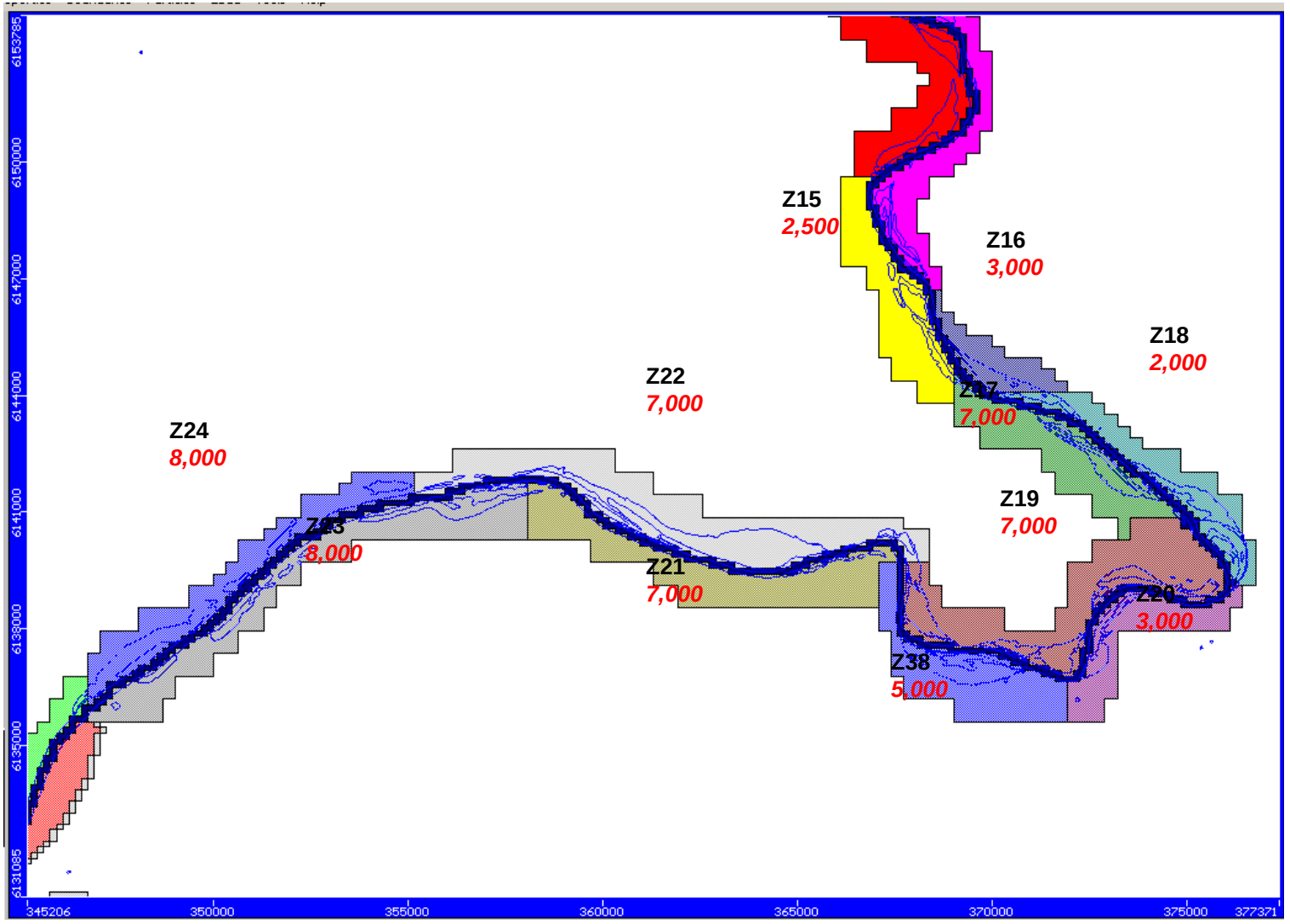
(Transient from 1920 to 2009)

(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 calibration model 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 calibration model 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	10	6	1	101	44	312	8	99	55	42	85	***567***	***196***	**764**
3652	*7305*	1930	1940	10	6	1	101	44	312	9	99	55	43	85	***568***	***196***	**764**
7305	*14610*	1940	1960	13	6	1	101	44	312	37	100	83	45	86	***626***	***203***	**829**
14610	*18263*	1960	1970	15	7	2	102	44	318	42	101	95	46	86	***649***	***209***	**858**
18263	*21915*	1970	1980	17	7	3	102	45	321	48	104	104	47	86	***668***	***216***	**885**
21915	*24837*	1980	1988	19	7	4	102	47	322	56	106	111	47	87	***685***	***224***	**909**
24837	*25202*	1988	1989	19	7	4	102	47	322	56	106	111	48	87	***686***	***224***	**910**
25202	*25567*	1989	1990	19	7	4	102	47	322	56	106	112	48	87	***687***	***224***	**911**
25567	*25932*	1990	1991	20	8	5	102	47	322	63	107	113	48	88	***696***	***226***	**922**
25932	*26298*	1991	1992	21	8	5	103	47	322	64	107	114	48	88	***699***	***228***	**926**
26298	*26663*	1992	1993	21	8	5	103	47	322	65	107	115	48	88	***700***	***229***	**929**
26663	*27028*	1993	1994	21	8	5	103	47	322	65	107	116	48	88	***702***	***229***	**931**
27028	*27393*	1994	1995	22	8	5	103	48	322	66	108	116	48	88	***703***	***230***	**933**
27393	*27759*	1995	1996	22	8	5	103	48	322	66	108	117	48	88	***704***	***231***	**935**
27759	*28124*	1996	1997	22	8	6	103	48	322	66	108	118	48	88	***705***	***231***	**936**
28124	*28489*	1997	1998	22	8	6	103	48	322	66	108	118	48	88	***706***	***231***	**938**
28489	*28854*	1998	1999	22	8	6	103	48	322	67	108	119	48	88	***707***	***232***	**939**
28854	*29220*	1999	2000	22	8	6	103	48	322	67	108	120	48	88	***708***	***232***	**940**
29220	*29585*	2000	2001	23	9	6	103	48	323	72	109	120	48	89	***717***	***234***	**950**
29585	*29950*	2001	2002	23	9	6	103	48	323	73	109	121	48	89	***719***	***235***	**954**
29950	*30315*	2002	2003	24	9	6	103	48	323	74	109	122	48	90	***721***	***236***	**957**
30315	*30681*	2003	2004	24	9	7	103	48	323	74	109	123	48	90	***723***	***237***	**959**
30681	*31046*	2004	2005	24	9	7	103	48	324	75	109	123	49	90	***724***	***237***	**961**
31046	*31411*	2005	2006	24	9	7	103	48	324	75	110	124	49	90	***725***	***238***	**963**
31411	*31776*	2006	2007	25	9	7	104	49	324	75	110	125	49	90	***726***	***238***	**964**
31776	*32142*	2007	2008	25	9	7	104	49	324	75	110	125	49	90	***727***	***239***	**965**
32142	*32507*	2008	2009	25	9	7	104	49	324	76	110	126	49	90	***727***	***239***	**967**
32507	*32872*	2009	2010	25	9	7	104	49	324	76	110	126	49	90	***728***	***240***	**968**
32872	*33237*	2010	2011	25	9	7	104	49	324	79	111	127	49	91	***735***	***242***	**976**
33237	*33603*	2011	2012	25	10	8	104	49	325	80	112	128	49	91	***737***	***243***	**980**
33603	*33968*	2012	2013	26	10	8	104	49	325	81	112	128	49	91	***739***	***244***	**983**
33968	*34333*	2013	2014	26	10	8	104	50	325	82	112	129	49	91	***740***	***244***	**984**
34333	*34698*	2014	2015	26	10	8	104	50	325	82	112	129	49	91	***741***	***245***	**986**
34698	*35064*	2015	2016	26	10	8	104	50	325	82	112	130	49	91	***742***	***246***	**988**
35064	*35429*	2016	2017	26	10	8	104	50	325	82	112	130	49	91	***743***	***246***	**989**
35429	*35794*	2017	2018	26	10	8	104	50	325	83	113	131	49	91	***744***	***246***	**990**
35794	*36159*	2018	2019	26	10	9	104	50	325	83	113	131	50	91	***744***	***247***	**991**
36159	*36525*	2019	2020	26	10	9	104	50	325	83	113	131	50	91	***745***	***247***	**992**
36525	*36890*	2020	2021	26	10	9	105	51	326	85	114	132	50	92	***750***	***250***	**1000**
36890	*37255*	2021	2022	27	10	9	105	51	326	86	114	132	50	92	***752***	***251***	**1003**
37255	*37620*	2022	2023	27	10	9	105	52	326	87	115	133	50	92	***753***	***252***	**1005**
37620	*37986*	2023	2024	27	10	9	105	52	326	87	115	133	50	92	***754***	***253***	**1007**
37986	*38351*	2024	2025	27	10	9	105	52	326	87	115	134	50	92	***755***	***253***	**1008**

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**	27	11	10	105	52	326	88	115	134	50	92	***756***	***254***	**1010**
38716	***39081***	**2026**	**2027**	27	11	10	105	52	326	88	115	134	50	93	***756***	***254***	**1011**
39081	***39447***	**2027**	**2028**	27	11	10	105	52	326	88	116	135	50	93	***757***	***255***	**1012**
39447	***39812***	**2028**	**2029**	27	11	10	105	52	326	88	116	135	51	93	***757***	***255***	**1013**
39812	***40177***	**2029**	**2030**	27	11	10	105	52	326	88	116	135	51	93	***758***	***256***	**1014**
40177	***40542***	**2030**	**2031**	27	11	10	105	54	327	90	117	135	51	93	***762***	***259***	**1021**
40542	***40908***	**2031**	**2032**	27	11	11	105	55	327	91	117	136	51	94	***763***	***260***	**1024**
40908	***41273***	**2032**	**2033**	27	11	11	106	55	327	92	117	136	51	94	***765***	***261***	**1026**
41273	***41638***	**2033**	**2034**	28	11	11	106	55	327	92	117	136	51	94	***765***	***262***	**1027**
41638	***42003***	**2034**	**2035**	28	11	11	106	55	327	92	118	137	51	94	***766***	***263***	**1029**
42003	***42369***	**2035**	**2036**	28	11	11	106	55	327	92	118	137	51	94	***767***	***263***	**1030**
42369	***42734***	**2036**	**2037**	28	11	11	106	55	327	93	118	137	52	94	***767***	***264***	**1031**
42734	***43099***	**2037**	**2038**	28	11	11	106	56	327	93	118	137	52	94	***768***	***264***	**1032**
43099	***43464***	**2038**	**2039**	28	11	11	106	56	327	93	118	137	52	94	***768***	***265***	**1033**
43464	***43830***	**2039**	**2040**	28	11	11	106	56	327	93	118	138	52	94	***769***	***265***	**1034**
43830	***44195***	**2040**	**2041**	28	11	12	106	58	327	95	119	138	52	95	***773***	***269***	**1041**
44195	***44560***	**2041**	**2042**	28	12	12	106	59	328	95	119	138	52	96	***774***	***270***	**1044**
44560	***44925***	**2042**	**2043**	28	12	12	106	59	328	96	119	138	53	96	***775***	***271***	**1047**
44925	***45291***	**2043**	**2044**	28	12	12	106	59	328	96	119	139	53	96	***776***	***272***	**1048**
45291	***45656***	**2044**	**2045**	29	12	13	106	59	328	96	119	139	53	96	***777***	***273***	**1050**
45656	***46021***	**2045**	**2046**	29	12	13	106	59	328	97	119	139	53	96	***778***	***273***	**1051**
46021	***46386***	**2046**	**2047**	29	12	13	106	60	328	97	120	139	53	96	***778***	***274***	**1052**
46386	***46752***	**2047**	**2048**	29	12	13	106	60	328	97	120	139	53	96	***779***	***274***	**1053**
46752	***47117***	**2048**	**2049**	29	12	13	106	60	328	97	120	140	54	96	***779***	***275***	**1054**
47117	***47482***	**2049**	**2050**	29	12	13	106	60	328	97	120	140	54	96	***780***	***275***	**1055**
47482	***47847***	**2050**	**2051**	29	12	13	107	62	329	99	120	140	54	98	***784***	***279***	**1063**
47847	***48213***	**2051**	**2052**	29	12	14	107	63	329	100	120	140	54	98	***786***	***280***	**1066**
48213	***48578***	**2052**	**2053**	30	12	14	107	63	329	100	121	140	54	98	***787***	***282***	**1068**
48578	***48943***	**2053**	**2054**	30	12	14	107	64	329	100	121	141	55	99	***788***	***282***	**1070**
48943	***49308***	**2054**	**2055**	30	12	14	107	64	329	101	121	141	55	99	***788***	***283***	**1072**
49308	***49674***	**2055**	**2056**	30	12	14	107	64	329	101	121	141	55	99	***789***	***284***	**1073**
49674	***50039***	**2056**	**2057**	30	12	14	107	64	329	101	121	141	55	99	***790***	***285***	**1074**
50039	***50404***	**2057**	**2058**	30	12	14	107	64	329	101	121	141	55	99	***790***	***285***	**1075**
50404	***50769***	**2058**	**2059**	30	12	14	107	64	329	101	121	142	56	99	***791***	***286***	**1076**
50769	***51135***	**2059**	**2060**	30	13	15	107	65	329	102	121	142	56	99	***791***	***286***	**1077**
51135	***51500***	**2060**	**2061**	31	13	15	107	67	330	103	122	142	56	101	***796***	***290***	**1086**
51500	***51865***	**2061**	**2062**	31	13	15	108	68	330	104	122	142	56	101	***798***	***291***	**1089**
51865	***52230***	**2062**	**2063**	31	13	15	108	68	330	105	122	142	56	101	***799***	***293***	**1092**
52230	***52596***	**2063**	**2064**	31	13	16	108	68	331	105	122	143	57	101	***800***	***294***	**1094**
52596	***52961***	**2064**	**2065**	31	13	16	108	69	331	105	122	143	57	102	***801***	***295***	**1096**
52961	***53326***	**2065**	**2066**	31	13	16	108	69	331	106	122	143	57	102	***802***	***295***	**1098**
53326	***53691***	**2066**	**2067**	31	13	16	108	69	331	106	122	143	57	102	***803***	***296***	**1099**

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	32	13	16	108	69	331	106	123	144	58	102	804	297	1101
54057	54422	2068	2069	32	13	16	108	69	331	106	123	144	58	102	804	298	1102
54422	54787	2069	2070	32	13	16	108	69	331	107	123	144	58	102	805	298	1103
54787	55152	2070	2071	32	13	17	108	71	332	108	123	144	58	104	810	302	1111
55152	55518	2071	2072	33	13	17	108	72	332	109	123	145	58	104	812	303	1116
55518	55883	2072	2073	33	13	17	109	73	333	110	123	145	59	105	814	305	1119
55883	56248	2073	2074	33	14	17	109	73	333	110	124	145	59	105	816	306	1122
56248	56613	2074	2075	33	14	18	109	73	333	111	124	146	59	105	817	307	1124
56613	56979	2075	2076	33	14	18	109	74	333	111	124	146	59	105	818	308	1126
56979	57344	2076	2077	33	14	18	109	74	333	112	124	146	60	105	819	309	1128
57344	57709	2077	2078	33	14	18	109	74	333	112	124	147	60	106	820	310	1130
57709	58074	2078	2079	34	14	18	109	74	334	112	124	147	60	106	821	310	1131
58074	58440	2079	2080	34	14	18	109	74	334	113	125	147	60	106	822	311	1133
58440	58805	2080	2081	34	14	19	109	76	335	115	125	147	60	107	827	314	1142
58805	59170	2081	2082	34	14	19	109	77	335	116	125	148	61	108	831	316	1147
59170	59535	2082	2083	35	14	19	110	78	336	117	125	148	61	109	833	318	1151
59535	59901	2083	2084	35	14	20	110	78	336	118	126	148	61	109	835	319	1154
59901	60266	2084	2085	35	14	20	110	78	336	119	126	149	61	109	837	320	1157
60266	60631	2085	2086	35	14	20	110	79	337	119	126	149	62	109	839	322	1160
60631	60996	2086	2087	36	14	20	110	79	337	120	126	149	62	110	840	323	1163
60996	61362	2087	2088	36	14	20	110	79	337	121	126	150	62	110	842	324	1165
61362	61727	2088	2089	36	14	20	110	79	337	121	127	150	62	110	843	324	1168
61727	62092	2089	2090	36	15	21	110	79	338	122	127	150	63	110	845	325	1170
62092	62457	2090	2091	37	15	21	111	81	339	124	127	151	63	112	851	329	1179
62457	62823	2091	2092	37	15	22	111	82	340	126	127	151	63	113	855	331	1186
62823	63188	2092	2093	37	15	22	111	83	340	128	128	152	63	113	858	332	1191
63188	63553	2093	2094	37	15	22	111	83	341	129	128	152	64	114	861	334	1195
63553	63918	2094	2095	38	15	22	111	83	341	130	128	152	64	114	864	335	1200
63918	64284	2095	2096	38	15	23	112	84	342	131	128	153	64	114	867	337	1203
64284	64649	2096	2097	38	15	23	112	84	342	132	129	153	64	115	869	338	1207
64649	65014	2097	2098	38	15	23	112	84	343	133	129	154	65	115	872	339	1210
65014	65379	2098	2099	39	15	23	112	84	343	134	129	154	65	115	874	340	1214
65379	65745	2099	2100	39	15	23	112	85	344	135	129	154	65	116	876	341	1217
65745	66110	2100	2101	39	15	24	113	86	345	138	130	155	65	117	883	344	1227
66110	66475	2101	2102	40	16	24	113	87	346	141	130	155	65	118	888	347	1235
66475	66840	2102	2103	40	16	25	113	88	347	143	130	156	66	119	893	348	1242
66840	67206	2103	2104	41	16	25	113	88	348	145	130	156	66	120	897	350	1247
67206	67571	2104	2105	41	16	25	114	89	348	146	131	157	66	120	901	352	1253
67571	67936	2105	2106	41	16	25	114	89	349	148	131	157	66	121	905	353	1258
67936	68301	2106	2107	42	16	26	114	89	350	149	131	158	67	121	908	354	1263
68301	68667	2107	2108	42	16	26	114	90	351	151	131	158	67	122	912	356	1267
68667	69032	2108	2109	42	16	26	114	90	352	152	132	158	67	122	915	357	1272
69032	69397	2109	2110	42	16	26	114	90	352	152	132	158	67	122	915	357	1272

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	0.1	0.7	0.4	0.3	0.4	2.1	1.4	3.4
3652	7305	1930	1940	0.0	0.0	0.0	0.2	0.3	0.9	0.1	0.7	0.4	0.3	0.4	2.1	1.4	3.5
7305	14610	1940	1960	0.0	0.0	0.0	0.2	0.3	0.9	0.3	0.7	0.7	0.4	0.4	2.5	1.4	3.9
14610	18263	1960	1970	0.0	0.0	0.0	0.2	0.3	1.0	0.3	0.7	0.8	0.4	0.4	2.7	1.4	4.1
18263	21915	1970	1980	0.0	0.0	0.0	0.2	0.3	1.0	0.3	0.7	0.8	0.4	0.4	2.8	1.5	4.3
21915	24837	1980	1988	0.0	0.0	0.0	0.2	0.3	1.0	0.4	0.7	0.9	0.4	0.4	2.9	1.5	4.4
24837	25202	1988	1989	0.0	0.0	0.0	0.2	0.3	1.0	0.4	0.7	0.9	0.4	0.4	2.9	1.5	4.4
25202	25567	1989	1990	0.0	0.0	0.0	0.2	0.3	1.0	0.4	0.7	0.9	0.4	0.4	2.9	1.5	4.4
25567	25932	1990	1991	0.1	0.0	0.0	0.2	0.3	1.0	0.4	0.7	0.9	0.4	0.4	3.0	1.5	4.5
25932	26298	1991	1992	0.1	0.0	0.0	0.2	0.3	1.0	0.5	0.7	0.9	0.4	0.4	3.0	1.5	4.5
26298	26663	1992	1993	0.1	0.0	0.0	0.2	0.3	1.0	0.5	0.8	0.9	0.4	0.4	3.0	1.6	4.6
26663	27028	1993	1994	0.1	0.0	0.0	0.2	0.3	1.0	0.5	0.8	0.9	0.4	0.4	3.0	1.6	4.6
27028	27393	1994	1995	0.1	0.0	0.0	0.2	0.3	1.0	0.5	0.8	0.9	0.4	0.4	3.0	1.6	4.6
27393	27759	1995	1996	0.1	0.0	0.0	0.2	0.3	1.0	0.5	0.8	0.9	0.4	0.4	3.0	1.6	4.6
27759	28124	1996	1997	0.1	0.0	0.0	0.2	0.3	1.0	0.5	0.8	0.9	0.4	0.4	3.0	1.6	4.6
28124	28489	1997	1998	0.1	0.0	0.0	0.2	0.3	1.0	0.5	0.8	0.9	0.4	0.4	3.0	1.6	4.6
28489	28854	1998	1999	0.1	0.0	0.0	0.2	0.3	1.0	0.5	0.8	1.0	0.4	0.4	3.1	1.6	4.6
28854	29220	1999	2000	0.1	0.0	0.0	0.2	0.3	1.0	0.5	0.8	1.0	0.4	0.4	3.1	1.6	4.6
29220	29585	2000	2001	0.1	0.0	0.0	0.2	0.3	1.0	0.5	0.8	1.0	0.4	0.4	3.1	1.6	4.7
29585	29950	2001	2002	0.1	0.0	0.0	0.2	0.3	1.0	0.5	0.8	1.0	0.4	0.4	3.1	1.6	4.7
29950	30315	2002	2003	0.1	0.0	0.0	0.2	0.3	1.0	0.5	0.8	1.0	0.4	0.4	3.1	1.6	4.7
30315	30681	2003	2004	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
30681	31046	2004	2005	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
31046	31411	2005	2006	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
31411	31776	2006	2007	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
31776	32142	2007	2008	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
32142	32507	2008	2009	0.1	0.0	0.1	0.2	0.3	1.0	0.5	0.8	1.0	0.4	0.4	3.2	1.6	4.8
32507	32872	2009	2010	0.1	0.0	0.1	0.2	0.3	1.0	0.5	0.8	1.0	0.4	0.4	3.2	1.6	4.8
32872	33237	2010	2011	0.1	0.0	0.1	0.2	0.3	1.0	0.6	0.8	1.0	0.4	0.5	3.2	1.6	4.9
33237	33603	2011	2012	0.1	0.0	0.1	0.2	0.3	1.0	0.6	0.8	1.0	0.4	0.5	3.2	1.6	4.9
33603	33968	2012	2013	0.1	0.0	0.1	0.2	0.3	1.0	0.6	0.8	1.0	0.4	0.5	3.3	1.6	4.9
33968	34333	2013	2014	0.1	0.0	0.1	0.2	0.3	1.0	0.6	0.8	1.0	0.4	0.5	3.3	1.6	4.9
34333	34698	2014	2015	0.1	0.0	0.1	0.2	0.3	1.0	0.6	0.8	1.0	0.4	0.5	3.3	1.6	4.9
34698	35064	2015	2016	0.1	0.0	0.1	0.2	0.3	1.0	0.6	0.8	1.0	0.4	0.5	3.3	1.7	4.9
35064	35429	2016	2017	0.1	0.0	0.1	0.2	0.3	1.0	0.6	0.8	1.0	0.4	0.5	3.3	1.7	4.9
35429	35794	2017	2018	0.1	0.0	0.1	0.2	0.3	1.0	0.6	0.8	1.0	0.4	0.5	3.3	1.7	4.9
35794	36159	2018	2019	0.1	0.0	0.1	0.2	0.3	1.0	0.6	0.8	1.0	0.4	0.5	3.3	1.7	5.0
36159	36525	2019	2020	0.1	0.0	0.1	0.2	0.3	1.0	0.6	0.8	1.1	0.4	0.5	3.3	1.7	5.0
36525	36890	2020	2021	0.1	0.0	0.1	0.2	0.4	1.0	0.6	0.8	1.1	0.4	0.5	3.3	1.7	5.0
36890	37255	2021	2022	0.1	0.0	0.1	0.2	0.4	1.0	0.6	0.8	1.1	0.4	0.5	3.3	1.7	5.0
37255	37620	2022	2023	0.1	0.0	0.1	0.2	0.4	1.0	0.6	0.8	1.1	0.4	0.5	3.3	1.7	5.0
37620	37986	2023	2024	0.1	0.0	0.1	0.2	0.4	1.0	0.6	0.8	1.1	0.4	0.5	3.4	1.7	5.1
37986	38351	2024	2025	0.1	0.0	0.1	0.2	0.4	1.0	0.6	0.8	1.1	0.4	0.5	3.4	1.7	5.1

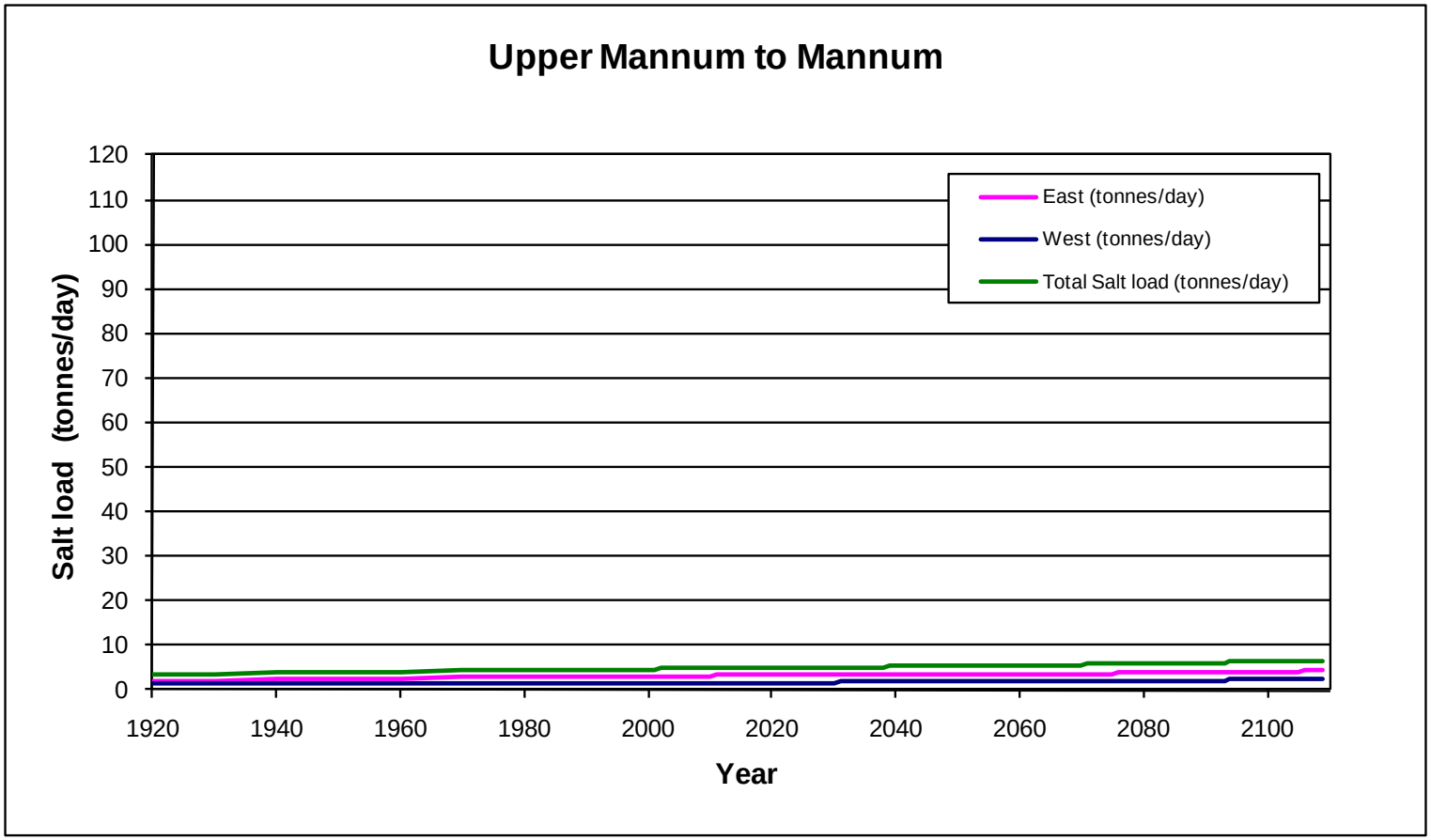
B-4(S2). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 2)

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	0.1	0.0	0.1	0.2	0.4	1.0	0.6	0.8	1.1	0.4	0.5	3.4	1.7	5.1
38716	39081	2026	2027	0.1	0.0	0.1	0.2	0.4	1.0	0.6	0.8	1.1	0.4	0.5	3.4	1.7	5.1
39081	39447	2027	2028	0.1	0.0	0.1	0.2	0.4	1.0	0.6	0.8	1.1	0.4	0.5	3.4	1.7	5.1
39447	39812	2028	2029	0.1	0.0	0.1	0.2	0.4	1.0	0.6	0.8	1.1	0.4	0.5	3.4	1.7	5.1
39812	40177	2029	2030	0.1	0.0	0.1	0.2	0.4	1.0	0.6	0.8	1.1	0.4	0.5	3.4	1.7	5.1
40177	40542	2030	2031	0.1	0.0	0.1	0.2	0.4	1.0	0.6	0.8	1.1	0.4	0.5	3.4	1.7	5.1
40542	40908	2031	2032	0.1	0.0	0.1	0.2	0.4	1.0	0.6	0.8	1.1	0.4	0.5	3.4	1.8	5.2
40908	41273	2032	2033	0.1	0.0	0.1	0.2	0.4	1.0	0.6	0.8	1.1	0.4	0.5	3.4	1.8	5.2
41273	41638	2033	2034	0.1	0.0	0.1	0.2	0.4	1.0	0.6	0.8	1.1	0.4	0.5	3.4	1.8	5.2
41638	42003	2034	2035	0.1	0.0	0.1	0.2	0.4	1.0	0.6	0.8	1.1	0.4	0.5	3.4	1.8	5.2
42003	42369	2035	2036	0.1	0.0	0.1	0.2	0.4	1.0	0.6	0.8	1.1	0.4	0.5	3.4	1.8	5.2
42369	42734	2036	2037	0.1	0.0	0.1	0.2	0.4	1.0	0.6	0.8	1.1	0.4	0.5	3.4	1.8	5.2
42734	43099	2037	2038	0.1	0.0	0.1	0.2	0.4	1.0	0.6	0.8	1.1	0.4	0.5	3.4	1.8	5.2
43099	43464	2038	2039	0.1	0.0	0.1	0.2	0.4	1.0	0.7	0.8	1.1	0.4	0.5	3.4	1.8	5.2
43464	43830	2039	2040	0.1	0.0	0.1	0.2	0.4	1.0	0.7	0.8	1.1	0.4	0.5	3.4	1.8	5.2
43830	44195	2040	2041	0.1	0.0	0.1	0.2	0.4	1.0	0.7	0.8	1.1	0.4	0.5	3.5	1.8	5.3
44195	44560	2041	2042	0.1	0.0	0.1	0.2	0.4	1.0	0.7	0.8	1.1	0.4	0.5	3.5	1.8	5.3
44560	44925	2042	2043	0.1	0.0	0.1	0.2	0.4	1.0	0.7	0.8	1.1	0.4	0.5	3.5	1.8	5.3
44925	45291	2043	2044	0.1	0.0	0.1	0.2	0.4	1.0	0.7	0.8	1.1	0.4	0.5	3.5	1.8	5.3
45291	45656	2044	2045	0.1	0.0	0.1	0.2	0.4	1.0	0.7	0.8	1.1	0.4	0.5	3.5	1.8	5.3
45656	46021	2045	2046	0.1	0.0	0.1	0.2	0.4	1.0	0.7	0.8	1.1	0.4	0.5	3.5	1.8	5.3
46021	46386	2046	2047	0.1	0.0	0.1	0.2	0.4	1.0	0.7	0.8	1.1	0.4	0.5	3.5	1.8	5.3
46386	46752	2047	2048	0.1	0.0	0.1	0.2	0.4	1.0	0.7	0.8	1.1	0.4	0.5	3.5	1.8	5.4
46752	47117	2048	2049	0.1	0.0	0.1	0.2	0.4	1.0	0.7	0.8	1.1	0.4	0.5	3.5	1.8	5.4
47117	47482	2049	2050	0.1	0.0	0.1	0.2	0.4	1.0	0.7	0.8	1.1	0.4	0.5	3.5	1.9	5.4
47482	47847	2050	2051	0.1	0.0	0.1	0.2	0.4	1.0	0.7	0.8	1.1	0.4	0.5	3.5	1.9	5.4
47847	48213	2051	2052	0.1	0.0	0.1	0.2	0.4	1.0	0.7	0.8	1.1	0.4	0.5	3.5	1.9	5.4
48213	48578	2052	2053	0.1	0.0	0.1	0.2	0.4	1.0	0.7	0.8	1.1	0.4	0.5	3.6	1.9	5.4
48578	48943	2053	2054	0.1	0.0	0.1	0.2	0.4	1.0	0.7	0.8	1.1	0.4	0.5	3.6	1.9	5.5
48943	49308	2054	2055	0.1	0.0	0.1	0.2	0.4	1.0	0.7	0.8	1.1	0.4	0.5	3.6	1.9	5.5
49308	49674	2055	2056	0.1	0.0	0.1	0.2	0.4	1.0	0.7	0.8	1.1	0.4	0.5	3.6	1.9	5.5
49674	50039	2056	2057	0.1	0.0	0.1	0.2	0.4	1.0	0.7	0.8	1.1	0.4	0.5	3.6	1.9	5.5
50039	50404	2057	2058	0.1	0.0	0.1	0.2	0.5	1.0	0.7	0.8	1.1	0.4	0.5	3.6	1.9	5.5
50404	50769	2058	2059	0.1	0.0	0.1	0.2	0.5	1.0	0.7	0.8	1.1	0.4	0.5	3.6	1.9	5.5
50769	51135	2059	2060	0.1	0.0	0.1	0.2	0.5	1.0	0.7	0.8	1.1	0.4	0.5	3.6	1.9	5.5
51135	51500	2060	2061	0.1	0.0	0.1	0.2	0.5	1.0	0.7	0.9	1.1	0.4	0.5	3.6	1.9	5.6
51500	51865	2061	2062	0.1	0.0	0.1	0.2	0.5	1.0	0.7	0.9	1.1	0.4	0.5	3.6	2.0	5.6
51865	52230	2062	2063	0.1	0.0	0.1	0.2	0.5	1.0	0.7	0.9	1.1	0.5	0.5	3.6	2.0	5.6
52230	52596	2063	2064	0.1	0.0	0.1	0.2	0.5	1.0	0.7	0.9	1.1	0.5	0.5	3.6	2.0	5.6
52596	52961	2064	2065	0.1	0.0	0.1	0.2	0.5	1.0	0.7	0.9	1.1	0.5	0.5	3.6	2.0	5.6
52961	53326	2065	2066	0.1	0.0	0.1	0.2	0.5	1.0	0.7	0.9	1.1	0.5	0.5	3.6	2.0	5.6
53326	53691	2066	2067	0.1	0.0	0.1	0.2	0.5	1.0	0.7	0.9	1.1	0.5	0.5	3.6	2.0	5.6

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	0.1	0.0	0.1	0.2	0.5	1.0	0.7	0.9	1.1	0.5	0.5	3.6	2.0	5.6
54057	54422	2068	2069	0.1	0.0	0.1	0.2	0.5	1.0	0.7	0.9	1.2	0.5	0.5	3.7	2.0	5.7
54422	54787	2069	2070	0.1	0.0	0.1	0.2	0.5	1.0	0.7	0.9	1.2	0.5	0.5	3.7	2.0	5.7
54787	55152	2070	2071	0.1	0.0	0.1	0.2	0.5	1.0	0.8	0.9	1.2	0.5	0.5	3.7	2.0	5.7
55152	55518	2071	2072	0.1	0.0	0.1	0.2	0.5	1.0	0.8	0.9	1.2	0.5	0.5	3.7	2.0	5.7
55518	55883	2072	2073	0.1	0.0	0.1	0.2	0.5	1.0	0.8	0.9	1.2	0.5	0.5	3.7	2.0	5.8
55883	56248	2073	2074	0.1	0.0	0.1	0.2	0.5	1.0	0.8	0.9	1.2	0.5	0.5	3.7	2.1	5.8
56248	56613	2074	2075	0.1	0.0	0.1	0.2	0.5	1.0	0.8	0.9	1.2	0.5	0.5	3.7	2.1	5.8
56613	56979	2075	2076	0.1	0.0	0.1	0.2	0.5	1.0	0.8	0.9	1.2	0.5	0.5	3.7	2.1	5.8
56979	57344	2076	2077	0.1	0.0	0.1	0.2	0.5	1.0	0.8	0.9	1.2	0.5	0.5	3.7	2.1	5.8
57344	57709	2077	2078	0.1	0.0	0.1	0.2	0.5	1.0	0.8	0.9	1.2	0.5	0.5	3.7	2.1	5.8
57709	58074	2078	2079	0.1	0.0	0.1	0.2	0.5	1.0	0.8	0.9	1.2	0.5	0.5	3.7	2.1	5.8
58074	58440	2079	2080	0.1	0.0	0.1	0.2	0.5	1.0	0.8	0.9	1.2	0.5	0.5	3.8	2.1	5.8
58440	58805	2080	2081	0.1	0.0	0.1	0.2	0.5	1.0	0.8	0.9	1.2	0.5	0.5	3.8	2.1	5.9
58805	59170	2081	2082	0.1	0.0	0.1	0.2	0.5	1.0	0.8	0.9	1.2	0.5	0.5	3.8	2.1	5.9
59170	59535	2082	2083	0.1	0.0	0.1	0.2	0.5	1.0	0.8	0.9	1.2	0.5	0.5	3.8	2.1	5.9
59535	59901	2083	2084	0.1	0.0	0.1	0.2	0.5	1.0	0.8	0.9	1.2	0.5	0.5	3.8	2.1	6.0
59901	60266	2084	2085	0.1	0.0	0.1	0.2	0.5	1.0	0.8	0.9	1.2	0.5	0.5	3.8	2.1	6.0
60266	60631	2085	2086	0.1	0.0	0.1	0.2	0.5	1.0	0.8	0.9	1.2	0.5	0.5	3.8	2.2	6.0
60631	60996	2086	2087	0.1	0.0	0.1	0.2	0.6	1.0	0.8	0.9	1.2	0.5	0.5	3.9	2.2	6.0
60996	61362	2087	2088	0.1	0.0	0.1	0.2	0.6	1.0	0.8	0.9	1.2	0.5	0.5	3.9	2.2	6.0
61362	61727	2088	2089	0.1	0.0	0.1	0.2	0.6	1.0	0.8	0.9	1.2	0.5	0.5	3.9	2.2	6.0
61727	62092	2089	2090	0.1	0.0	0.1	0.2	0.6	1.0	0.9	0.9	1.2	0.5	0.6	3.9	2.2	6.1
62092	62457	2090	2091	0.1	0.0	0.1	0.2	0.6	1.0	0.9	0.9	1.2	0.5	0.6	3.9	2.2	6.1
62457	62823	2091	2092	0.1	0.0	0.2	0.2	0.6	1.0	0.9	0.9	1.2	0.5	0.6	3.9	2.2	6.2
62823	63188	2092	2093	0.1	0.0	0.2	0.2	0.6	1.0	0.9	0.9	1.2	0.5	0.6	4.0	2.2	6.2
63188	63553	2093	2094	0.1	0.0	0.2	0.2	0.6	1.0	0.9	0.9	1.2	0.5	0.6	4.0	2.2	6.2
63553	63918	2094	2095	0.1	0.0	0.2	0.2	0.6	1.0	0.9	0.9	1.2	0.5	0.6	4.0	2.2	6.2
63918	64284	2095	2096	0.1	0.0	0.2	0.2	0.6	1.0	0.9	0.9	1.2	0.5	0.6	4.0	2.2	6.3
64284	64649	2096	2097	0.1	0.0	0.2	0.2	0.6	1.0	0.9	0.9	1.2	0.5	0.6	4.0	2.3	6.3
64649	65014	2097	2098	0.1	0.0	0.2	0.2	0.6	1.0	0.9	0.9	1.2	0.5	0.6	4.0	2.3	6.3
65014	65379	2098	2099	0.1	0.0	0.2	0.2	0.6	1.0	0.9	0.9	1.2	0.5	0.6	4.0	2.3	6.3
65379	65745	2099	2100	0.1	0.0	0.2	0.2	0.6	1.0	0.9	0.9	1.2	0.5	0.6	4.1	2.3	6.3
65745	66110	2100	2101	0.1	0.0	0.2	0.2	0.6	1.0	1.0	0.9	1.2	0.5	0.6	4.1	2.3	6.4
66110	66475	2101	2102	0.1	0.0	0.2	0.2	0.6	1.0	1.0	0.9	1.2	0.5	0.6	4.1	2.3	6.4
66475	66840	2102	2103	0.1	0.0	0.2	0.2	0.6	1.0	1.0	0.9	1.2	0.5	0.6	4.2	2.3	6.5
66840	67206	2103	2104	0.1	0.0	0.2	0.2	0.6	1.0	1.0	0.9	1.2	0.5	0.6	4.2	2.3	6.5
67206	67571	2104	2105	0.1	0.0	0.2	0.2	0.6	1.0	1.0	0.9	1.3	0.5	0.6	4.2	2.3	6.5
67571	67936	2105	2106	0.1	0.0	0.2	0.2	0.6	1.0	1.0	0.9	1.3	0.5	0.6	4.2	2.4	6.6
67936	68301	2106	2107	0.1	0.0	0.2	0.2	0.6	1.1	1.0	0.9	1.3	0.5	0.6	4.2	2.4	6.6
68301	68667	2107	2108	0.1	0.0	0.2	0.2	0.6	1.1	1.1	0.9	1.3	0.5	0.6	4.3	2.4	6.6
68667	69032	2108	2109	0.1	0.0	0.2	0.2	0.6	1.1	1.1	0.9	1.3	0.5	0.6	4.3	2.4	6.7
69032	69397	2109	2110	0.1	0.0	0.2	0.2	0.6	1.1	1.1	0.9	1.3	0.5	0.6	4.3	2.4	6.7
	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	10	6	1	101	44	312	3	99	53	42	85	561	196	757
3652	7305	1930	1940	10	6	1	101	44	312	3	99	53	42	85	561	196	757
7305	14610	1940	1960	10	6	1	101	44	312	3	99	53	42	85	561	196	757
14610	18263	1960	1970	10	6	1	101	44	312	3	99	54	42	85	562	196	758
18263	21915	1970	1980	10	6	1	101	44	312	3	99	54	42	85	562	196	758
21915	24837	1980	1988	10	6	1	101	44	311	3	99	55	42	85	562	196	758
24837	25202	1988	1989	10	6	1	101	44	311	3	99	55	42	85	562	196	758
25202	25567	1989	1990	10	6	1	101	44	311	3	99	55	42	85	562	196	758
25567	25932	1990	1991	10	6	1	101	44	311	3	99	55	42	85	562	196	758
25932	26298	1991	1992	10	6	1	101	44	311	3	99	55	42	85	563	196	758
26298	26663	1992	1993	10	6	1	101	44	311	3	99	55	42	85	563	196	758
26663	27028	1993	1994	10	6	1	101	44	311	3	99	55	42	85	563	196	758
27028	27393	1994	1995	10	6	1	101	44	311	3	99	55	42	85	563	196	758
27393	27759	1995	1996	10	6	1	101	44	311	3	99	55	42	85	563	196	759
27759	28124	1996	1997	10	6	1	101	44	311	3	99	55	42	85	563	196	759
28124	28489	1997	1998	10	6	1	101	44	311	3	99	55	42	85	563	196	759
28489	28854	1998	1999	10	6	1	101	44	311	3	99	55	42	85	563	196	759
28854	29220	1999	2000	10	6	1	101	44	311	3	99	55	42	85	563	196	759
29220	29585	2000	2001	10	6	1	101	44	311	3	99	55	42	85	563	196	759
29585	29950	2001	2002	10	6	24	117	85	684	62	99	57	42	113	1040	260	1300
29950	30315	2002	2003	13	6	51	124	128	827	78	98	59	42	126	1220	331	1551
30315	30681	2003	2004	17	6	72	129	153	898	85	98	60	41	132	1311	382	1693
30681	31046	2004	2005	21	6	88	133	170	941	89	98	61	41	137	1367	417	1784
31046	31411	2005	2006	23	6	100	136	181	968	91	98	62	41	139	1403	443	1847
31411	31776	2006	2007	26	6	109	138	190	988	93	98	63	41	142	1430	463	1893
31776	32142	2007	2008	28	6	116	141	196	1003	94	98	64	41	143	1451	478	1929
32142	32507	2008	2009	29	6	121	142	201	1014	95	98	65	40	145	1467	491	1958
32507	32872	2009	2010	31	6	126	144	206	1023	95	98	66	40	146	1481	501	1982
32872	33237	2010	2011	32	6	130	146	209	1031	96	98	67	40	147	1492	510	2002
33237	33603	2011	2012	33	6	134	147	212	1037	96	98	68	40	148	1502	518	2020
33603	33968	2012	2013	34	6	137	148	215	1043	97	99	69	40	149	1511	525	2035
33968	34333	2013	2014	35	6	140	149	217	1047	97	99	70	40	149	1518	531	2049
34333	34698	2014	2015	36	6	142	150	219	1051	97	99	71	40	150	1525	536	2062
34698	35064	2015	2016	37	6	145	151	221	1055	97	99	71	40	150	1531	542	2073
35064	35429	2016	2017	38	6	147	152	222	1058	98	100	72	40	151	1537	547	2084
35429	35794	2017	2018	39	6	149	153	224	1061	98	100	73	40	151	1542	551	2093
35794	36159	2018	2019	39	6	150	153	225	1064	98	101	74	40	152	1547	555	2102
36159	36525	2019	2020	40	6	152	154	227	1066	98	101	74	40	152	1551	560	2111
36525	36890	2020	2021	41	6	154	154	228	1068	98	101	75	40	153	1554	563	2117
36890	37255	2021	2022	41	6	155	155	229	1070	98	102	75	40	153	1558	567	2125
37255	37620	2022	2023	42	6	156	156	230	1072	98	102	76	40	153	1561	570	2131
37620	37986	2023	2024	42	6	157	156	231	1074	98	102	76	40	154	1564	573	2137
37986	38351	2024	2025	43	6	159	157	232	1075	99	103	77	40	154	1567	576	2143

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**	43	6	160	157	233	1077	99	103	77	40	154	***1570***	***579***	**2149**
38716	***39081***	**2026**	**2027**	44	6	161	157	233	1078	99	104	78	40	154	***1572***	***581***	**2154**
39081	***39447***	**2027**	**2028**	44	6	162	158	234	1079	99	104	78	40	155	***1575***	***584***	**2159**
39447	***39812***	**2028**	**2029**	45	6	163	158	235	1081	99	104	79	40	155	***1577***	***586***	**2164**
39812	***40177***	**2029**	**2030**	45	6	164	158	236	1082	99	105	79	40	155	***1579***	***589***	**2168**
40177	***40542***	**2030**	**2031**	46	6	165	159	236	1083	99	105	80	40	155	***1582***	***591***	**2173**
40542	***40908***	**2031**	**2032**	46	6	165	159	237	1084	99	105	80	40	155	***1584***	***594***	**2177**
40908	***41273***	**2032**	**2033**	46	6	166	159	238	1085	99	106	80	40	156	***1585***	***596***	**2181**
41273	***41638***	**2033**	**2034**	47	6	167	160	238	1086	99	106	81	40	156	***1587***	***598***	**2185**
41638	***42003***	**2034**	**2035**	47	6	168	160	239	1087	99	106	81	40	156	***1589***	***600***	**2189**
42003	***42369***	**2035**	**2036**	48	6	168	160	239	1088	99	107	81	40	156	***1591***	***602***	**2193**
42369	***42734***	**2036**	**2037**	48	6	169	161	240	1088	99	107	81	40	156	***1592***	***603***	**2196**
42734	***43099***	**2037**	**2038**	48	6	170	161	240	1089	99	107	82	40	156	***1594***	***605***	**2199**
43099	***43464***	**2038**	**2039**	49	6	170	161	241	1090	99	108	82	40	156	***1595***	***607***	**2202**
43464	***43830***	**2039**	**2040**	49	6	171	161	241	1091	99	108	82	40	157	***1597***	***608***	**2205**
43830	***44195***	**2040**	**2041**	49	6	171	162	242	1092	99	108	83	40	157	***1598***	***610***	**2208**
44195	***44560***	**2041**	**2042**	50	6	172	162	242	1092	100	108	83	40	157	***1599***	***611***	**2211**
44560	***44925***	**2042**	**2043**	50	6	172	162	242	1093	100	109	83	40	157	***1601***	***613***	**2214**
44925	***45291***	**2043**	**2044**	50	6	173	162	243	1093	100	109	83	40	157	***1602***	***614***	**2216**
45291	***45656***	**2044**	**2045**	51	6	173	162	243	1094	100	109	84	40	157	***1603***	***616***	**2219**
45656	***46021***	**2045**	**2046**	51	6	174	163	243	1095	100	109	84	40	157	***1604***	***617***	**2221**
46021	***46386***	**2046**	**2047**	51	6	174	163	244	1095	100	110	84	40	157	***1605***	***618***	**2223**
46386	***46752***	**2047**	**2048**	51	6	175	163	244	1096	100	110	84	40	157	***1606***	***619***	**2225**
46752	***47117***	**2048**	**2049**	52	6	175	163	244	1096	100	110	84	40	158	***1607***	***621***	**2228**
47117	***47482***	**2049**	**2050**	52	6	175	163	245	1097	100	110	85	40	158	***1608***	***622***	**2230**
47482	***47847***	**2050**	**2051**	52	6	176	164	245	1097	100	111	85	40	158	***1609***	***623***	**2232**
47847	***48213***	**2051**	**2052**	52	6	176	164	245	1098	100	111	85	40	158	***1610***	***624***	**2234**
48213	***48578***	**2052**	**2053**	53	6	177	164	245	1098	100	111	85	40	158	***1611***	***625***	**2236**
48578	***48943***	**2053**	**2054**	53	6	177	164	246	1099	100	111	85	40	158	***1612***	***626***	**2238**
48943	***49308***	**2054**	**2055**	53	6	177	164	246	1099	100	111	85	40	158	***1613***	***627***	**2240**
49308	***49674***	**2055**	**2056**	53	6	178	164	246	1100	100	112	86	40	158	***1614***	***628***	**2242**
49674	***50039***	**2056**	**2057**	53	6	178	164	246	1100	100	112	86	40	158	***1615***	***629***	**2244**
50039	***50404***	**2057**	**2058**	54	6	178	165	246	1100	100	112	86	40	158	***1616***	***630***	**2245**
50404	***50769***	**2058**	**2059**	54	6	178	165	247	1101	100	112	86	40	158	***1616***	***630***	**2247**
50769	***51135***	**2059**	**2060**	54	6	179	165	247	1101	100	112	86	40	159	***1617***	***631***	**2249**
51135	***51500***	**2060**	**2061**	54	6	179	165	247	1102	100	112	86	40	159	***1618***	***632***	**2250**
51500	***51865***	**2061**	**2062**	54	6	179	165	247	1102	100	113	86	40	159	***1619***	***633***	**2252**
51865	***52230***	**2062**	**2063**	55	6	179	165	247	1102	100	113	87	40	159	***1620***	***634***	**2253**
52230	***52596***	**2063**	**2064**	55	6	180	165	247	1103	100	113	87	40	159	***1620***	***634***	**2255**
52596	***52961***	**2064**	**2065**	55	6	180	166	248	1103	100	113	87	40	159	***1621***	***635***	**2256**
52961	***53326***	**2065**	**2066**	55	6	180	166	248	1103	100	113	87	40	159	***1622***	***636***	**2257**
53326	***53691***	**2066**	**2067**	55	6	180	166	248	1104	100	113	87	40	159	***1622***	***636***	**2259**

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	55	6	181	166	248	1104	100	113	87	40	159	1623	637	2260
54057	54422	2068	2069	56	6	181	166	248	1104	100	114	87	40	159	1623	638	2261
54422	54787	2069	2070	56	6	181	166	248	1105	100	114	87	40	159	1624	638	2262
54787	55152	2070	2071	56	6	181	166	248	1105	100	114	88	40	159	1624	639	2263
55152	55518	2071	2072	56	6	181	166	249	1105	100	114	88	40	159	1625	639	2264
55518	55883	2072	2073	56	6	181	166	249	1105	100	114	88	40	159	1626	640	2265
55883	56248	2073	2074	56	7	182	166	249	1106	100	114	88	40	159	1626	640	2267
56248	56613	2074	2075	57	7	182	167	249	1106	101	114	88	40	159	1627	641	2268
56613	56979	2075	2076	57	7	182	167	249	1106	101	114	88	40	159	1627	641	2269
56979	57344	2076	2077	57	7	182	167	249	1107	101	114	88	40	160	1628	642	2270
57344	57709	2077	2078	57	7	182	167	249	1107	101	115	88	40	160	1629	643	2271
57709	58074	2078	2079	57	7	182	167	249	1107	101	115	88	40	160	1629	643	2272
58074	58440	2079	2080	57	7	183	167	249	1107	101	115	88	40	160	1629	643	2273
58440	58805	2080	2081	57	7	183	167	249	1107	101	115	89	40	160	1630	644	2274
58805	59170	2081	2082	57	7	183	167	249	1108	101	115	89	40	160	1630	644	2274
59170	59535	2082	2083	58	7	183	167	250	1108	101	115	89	40	160	1631	644	2275
59535	59901	2083	2084	58	7	183	167	250	1108	101	115	89	40	160	1631	645	2276
59901	60266	2084	2085	58	7	183	167	250	1108	101	115	89	40	160	1632	645	2277
60266	60631	2085	2086	58	7	183	167	250	1109	101	115	89	40	160	1632	646	2278
60631	60996	2086	2087	58	7	183	167	250	1109	101	115	89	40	160	1632	646	2278
60996	61362	2087	2088	58	7	183	168	250	1109	101	115	89	40	160	1633	646	2279
61362	61727	2088	2089	58	7	184	168	250	1109	101	115	89	40	160	1633	647	2280
61727	62092	2089	2090	58	7	184	168	250	1109	101	115	89	40	160	1633	647	2280
62092	62457	2090	2091	58	7	184	168	250	1109	101	116	89	40	160	1634	647	2281
62457	62823	2091	2092	58	7	184	168	250	1109	101	116	89	40	160	1634	647	2281
62823	63188	2092	2093	58	7	184	168	250	1110	101	116	89	40	160	1634	648	2282
63188	63553	2093	2094	59	7	184	168	250	1110	101	116	89	40	160	1634	648	2282
63553	63918	2094	2095	59	7	184	168	250	1110	101	116	89	40	160	1635	648	2283
63918	64284	2095	2096	59	7	184	168	250	1110	101	116	90	40	160	1635	648	2284
64284	64649	2096	2097	59	7	184	168	250	1110	101	116	90	40	160	1635	649	2284
64649	65014	2097	2098	59	7	184	168	250	1110	101	116	90	40	160	1636	649	2285
65014	65379	2098	2099	59	7	184	168	250	1110	101	116	90	40	160	1636	649	2285
65379	65745	2099	2100	59	7	184	168	250	1111	101	116	90	40	160	1636	649	2285
65745	66110	2100	2101	59	7	184	168	250	1111	101	116	90	40	160	1637	649	2286
66110	66475	2101	2102	59	7	184	168	250	1111	101	116	90	40	160	1637	650	2286
66475	66840	2102	2103	59	7	185	168	251	1111	101	116	90	40	160	1637	650	2287
66840	67206	2103	2104	59	7	185	168	251	1111	101	116	90	40	160	1637	650	2287
67206	67571	2104	2105	59	7	185	168	251	1111	101	116	90	40	160	1637	650	2288
67571	67936	2105	2106	59	7	185	168	251	1111	101	116	90	40	160	1638	650	2288
67936	68301	2106	2107	59	7	185	168	251	1111	101	116	90	40	160	1638	651	2289
68301	68667	2107	2108	59	7	185	168	251	1112	101	116	90	40	160	1638	651	2289
68667	69032	2108	2109	60	7	185	169	251	1112	101	116	90	40	160	1638	651	2290
69032	69397	2109	2110	60	7	185	169	251	1112	101	116	90	40	160	1638	651	2290

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	0.0	0.7	0.4	0.3	0.4	*2.0*	*1.4*	3.4
3652	*7305*	1930	1940	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	*2.0*	*1.4*	3.4
7305	*14610*	1940	1960	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	*2.0*	*1.4*	3.4
14610	*18263*	1960	1970	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	*2.0*	*1.4*	3.4
18263	*21915*	1970	1980	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	*2.0*	*1.4*	3.4
21915	*24837*	1980	1988	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	*2.0*	*1.4*	3.4
24837	*25202*	1988	1989	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	*2.0*	*1.4*	3.4
25202	*25567*	1989	1990	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	*2.0*	*1.4*	3.4
25567	*25932*	1990	1991	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	*2.0*	*1.4*	3.4
25932	*26298*	1991	1992	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	*2.0*	*1.4*	3.4
26298	*26663*	1992	1993	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	*2.0*	*1.4*	3.4
26663	*27028*	1993	1994	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	*2.0*	*1.4*	3.4
27028	*27393*	1994	1995	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	*2.0*	*1.4*	3.4
27393	*27759*	1995	1996	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	*2.0*	*1.4*	3.4
27759	*28124*	1996	1997	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	*2.0*	*1.4*	3.4
28124	*28489*	1997	1998	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	*2.0*	*1.4*	3.4
28489	*28854*	1998	1999	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	*2.0*	*1.4*	3.4
28854	*29220*	1999	2000	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	*2.0*	*1.4*	3.4
29220	*29585*	2000	2001	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	*2.0*	*1.4*	3.4
29585	*29950*	2001	2002	0.0	0.0	0.2	0.2	0.6	2.1	0.4	0.7	0.5	0.3	0.6	*3.8*	*1.8*	5.6
29950	*30315*	2002	2003	0.0	0.0	0.4	0.2	0.9	2.5	0.5	0.7	0.5	0.3	0.6	*4.4*	*2.3*	6.7
30315	*30681*	2003	2004	0.0	0.0	0.5	0.3	1.1	2.7	0.6	0.7	0.5	0.3	0.7	*4.7*	*2.6*	7.3
30681	*31046*	2004	2005	0.1	0.0	0.6	0.3	1.2	2.8	0.6	0.7	0.5	0.3	0.7	*4.9*	*2.9*	7.8
31046	*31411*	2005	2006	0.1	0.0	0.7	0.3	1.3	2.9	0.6	0.7	0.5	0.3	0.7	*5.0*	*3.0*	8.1
31411	*31776*	2006	2007	0.1	0.0	0.8	0.3	1.3	3.0	0.7	0.7	0.5	0.3	0.7	*5.1*	*3.2*	8.3
31776	*32142*	2007	2008	0.1	0.0	0.8	0.3	1.4	3.0	0.7	0.7	0.5	0.3	0.7	*5.2*	*3.3*	8.5
32142	*32507*	2008	2009	0.1	0.0	0.9	0.3	1.4	3.0	0.7	0.7	0.5	0.3	0.7	*5.3*	*3.3*	8.6
32507	*32872*	2009	2010	0.1	0.0	0.9	0.3	1.4	3.1	0.7	0.7	0.5	0.3	0.7	*5.3*	*3.4*	8.7
32872	*33237*	2010	2011	0.1	0.0	0.9	0.3	1.5	3.1	0.7	0.7	0.5	0.3	0.7	*5.3*	*3.5*	8.8
33237	*33603*	2011	2012	0.1	0.0	0.9	0.3	1.5	3.1	0.7	0.7	0.5	0.3	0.7	*5.4*	*3.5*	8.9
33603	*33968*	2012	2013	0.1	0.0	1.0	0.3	1.5	3.1	0.7	0.7	0.6	0.3	0.7	*5.4*	*3.6*	9.0
33968	*34333*	2013	2014	0.1	0.0	1.0	0.3	1.5	3.1	0.7	0.7	0.6	0.3	0.7	*5.4*	*3.6*	9.0
34333	*34698*	2014	2015	0.1	0.0	1.0	0.3	1.5	3.2	0.7	0.7	0.6	0.3	0.7	*5.5*	*3.6*	9.1
34698	*35064*	2015	2016	0.1	0.0	1.0	0.3	1.5	3.2	0.7	0.7	0.6	0.3	0.8	*5.5*	*3.7*	9.2
35064	*35429*	2016	2017	0.1	0.0	1.0	0.3	1.6	3.2	0.7	0.7	0.6	0.3	0.8	*5.5*	*3.7*	9.2
35429	*35794*	2017	2018	0.1	0.0	1.0	0.3	1.6	3.2	0.7	0.7	0.6	0.3	0.8	*5.5*	*3.7*	9.3
35794	*36159*	2018	2019	0.1	0.0	1.1	0.3	1.6	3.2	0.7	0.7	0.6	0.3	0.8	*5.5*	*3.8*	9.3
36159	*36525*	2019	2020	0.1	0.0	1.1	0.3	1.6	3.2	0.7	0.7	0.6	0.3	0.8	*5.6*	*3.8*	9.3
36525	*36890*	2020	2021	0.1	0.0	1.1	0.3	1.6	3.2	0.7	0.7	0.6	0.3	0.8	*5.6*	*3.8*	9.4
36890	*37255*	2021	2022	0.1	0.0	1.1	0.3	1.6	3.2	0.7	0.7	0.6	0.3	0.8	*5.6*	*3.8*	9.4
37255	*37620*	2022	2023	0.1	0.0	1.1	0.3	1.6	3.2	0.7	0.7	0.6	0.3	0.8	*5.6*	*3.8*	9.4
37620	*37986*	2023	2024	0.1	0.0	1.1	0.3	1.6	3.2	0.7	0.7	0.6	0.3	0.8	*5.6*	*3.9*	9.5
37986	*38351*	2024	2025	0.1	0.0	1.1	0.3	1.6	3.2	0.7	0.7	0.6	0.3	0.8	*5.6*	*3.9*	9.5

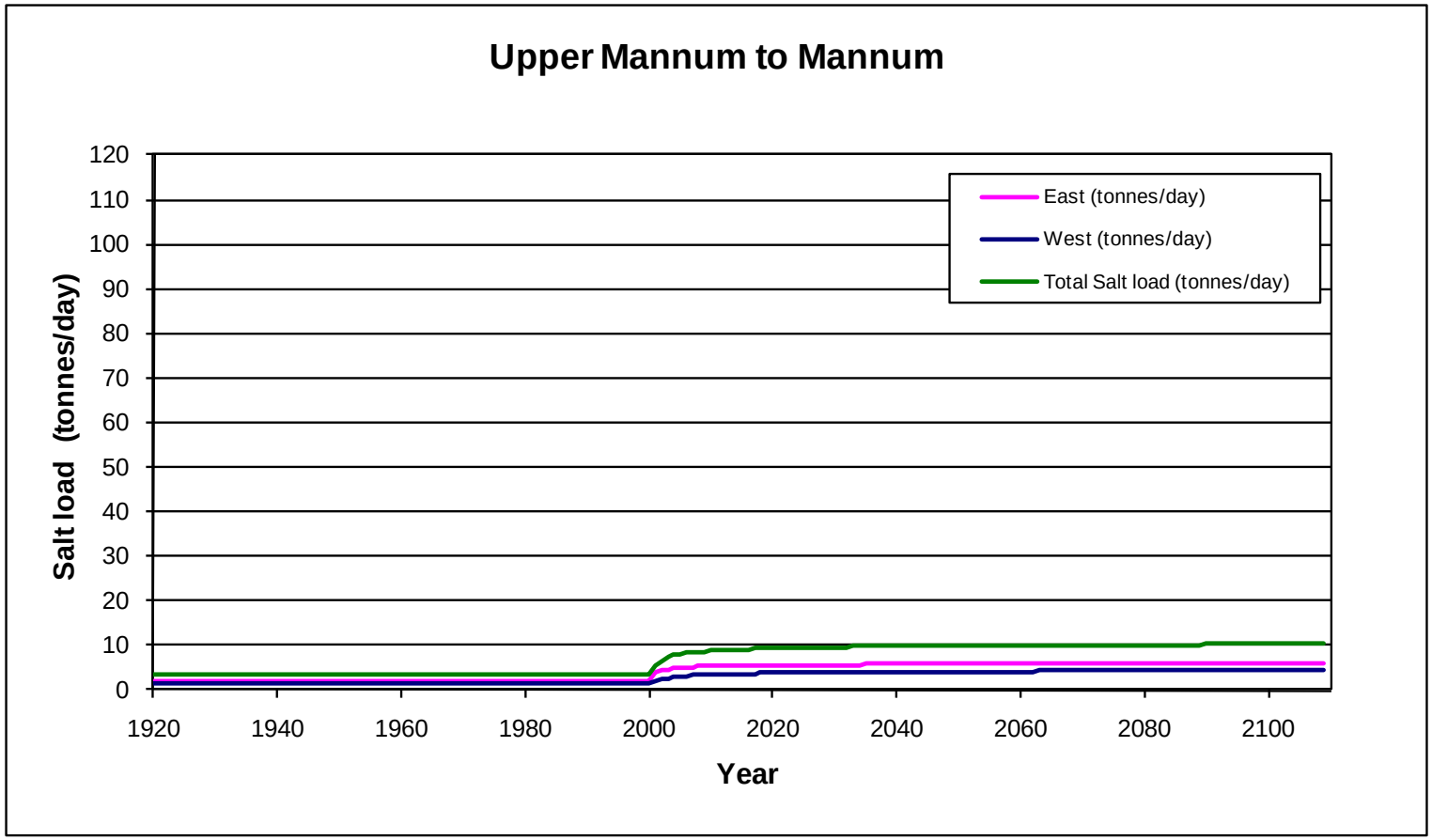
B-4(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 3a)

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	0.1	0.0	1.1	0.3	1.6	3.2	0.7	0.7	0.6	0.3	0.8	5.6	3.9	9.5
38716	39081	2026	2027	0.1	0.0	1.1	0.3	1.6	3.2	0.7	0.7	0.6	0.3	0.8	5.7	3.9	9.6
39081	39447	2027	2028	0.1	0.0	1.1	0.3	1.6	3.2	0.7	0.7	0.6	0.3	0.8	5.7	3.9	9.6
39447	39812	2028	2029	0.1	0.0	1.1	0.3	1.6	3.2	0.7	0.7	0.6	0.3	0.8	5.7	3.9	9.6
39812	40177	2029	2030	0.1	0.0	1.1	0.3	1.6	3.2	0.7	0.7	0.6	0.3	0.8	5.7	4.0	9.6
40177	40542	2030	2031	0.1	0.0	1.2	0.3	1.7	3.2	0.7	0.7	0.6	0.3	0.8	5.7	4.0	9.7
40542	40908	2031	2032	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.7	0.6	0.3	0.8	5.7	4.0	9.7
40908	41273	2032	2033	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.7	0.6	0.3	0.8	5.7	4.0	9.7
41273	41638	2033	2034	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.7	0.6	0.3	0.8	5.7	4.0	9.7
41638	42003	2034	2035	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.7	0.6	0.3	0.8	5.7	4.0	9.7
42003	42369	2035	2036	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.7	0.6	0.3	0.8	5.7	4.0	9.8
42369	42734	2036	2037	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.7	0.7	0.3	0.8	5.7	4.0	9.8
42734	43099	2037	2038	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.7	4.1	9.8
43099	43464	2038	2039	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.7	4.1	9.8
43464	43830	2039	2040	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.1	9.8
43830	44195	2040	2041	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.1	9.8
44195	44560	2041	2042	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.1	9.9
44560	44925	2042	2043	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.1	9.9
44925	45291	2043	2044	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.1	9.9
45291	45656	2044	2045	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.1	9.9
45656	46021	2045	2046	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.1	9.9
46021	46386	2046	2047	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.1	9.9
46386	46752	2047	2048	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.1	9.9
46752	47117	2048	2049	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.2	9.9
47117	47482	2049	2050	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.2	10.0
47482	47847	2050	2051	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.2	10.0
47847	48213	2051	2052	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.2	10.0
48213	48578	2052	2053	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.2	10.0
48578	48943	2053	2054	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.2	10.0
48943	49308	2054	2055	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.2	10.0
49308	49674	2055	2056	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.2	10.0
49674	50039	2056	2057	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.2	10.0
50039	50404	2057	2058	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.2	10.0
50404	50769	2058	2059	0.1	0.0	1.2	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.2	10.0
50769	51135	2059	2060	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.2	10.1
51135	51500	2060	2061	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.2	10.1
51500	51865	2061	2062	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.2	10.1
51865	52230	2062	2063	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.2	10.1
52230	52596	2063	2064	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.8	4.2	10.1
52596	52961	2064	2065	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.2	10.1
52961	53326	2065	2066	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.2	10.1
53326	53691	2066	2067	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.2	10.1

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	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.2	10.1
54057	54422	2068	2069	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.1
54422	54787	2069	2070	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.1
54787	55152	2070	2071	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.1
55152	55518	2071	2072	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.1
55518	55883	2072	2073	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.1
55883	56248	2073	2074	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.1
56248	56613	2074	2075	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.1
56613	56979	2075	2076	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
56979	57344	2076	2077	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
57344	57709	2077	2078	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
57709	58074	2078	2079	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
58074	58440	2079	2080	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
58440	58805	2080	2081	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
58805	59170	2081	2082	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
59170	59535	2082	2083	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
59535	59901	2083	2084	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
59901	60266	2084	2085	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
60266	60631	2085	2086	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
60631	60996	2086	2087	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
60996	61362	2087	2088	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
61362	61727	2088	2089	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
61727	62092	2089	2090	0.1	0.0	1.3	0.3	1.7	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
62092	62457	2090	2091	0.1	0.0	1.3	0.3	1.8	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
62457	62823	2091	2092	0.1	0.0	1.3	0.3	1.8	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
62823	63188	2092	2093	0.1	0.0	1.3	0.3	1.8	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
63188	63553	2093	2094	0.1	0.0	1.3	0.3	1.8	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
63553	63918	2094	2095	0.1	0.0	1.3	0.3	1.8	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
63918	64284	2095	2096	0.1	0.0	1.3	0.3	1.8	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
64284	64649	2096	2097	0.1	0.0	1.3	0.3	1.8	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
64649	65014	2097	2098	0.1	0.0	1.3	0.3	1.8	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
65014	65379	2098	2099	0.1	0.0	1.3	0.3	1.8	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
65379	65745	2099	2100	0.1	0.0	1.3	0.3	1.8	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
65745	66110	2100	2101	0.1	0.0	1.3	0.3	1.8	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
66110	66475	2101	2102	0.1	0.0	1.3	0.3	1.8	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
66475	66840	2102	2103	0.1	0.0	1.3	0.3	1.8	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
66840	67206	2103	2104	0.1	0.0	1.3	0.3	1.8	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
67206	67571	2104	2105	0.1	0.0	1.3	0.3	1.8	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
67571	67936	2105	2106	0.1	0.0	1.3	0.3	1.8	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
67936	68301	2106	2107	0.1	0.0	1.3	0.3	1.8	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
68301	68667	2107	2108	0.1	0.0	1.3	0.3	1.8	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.2
68667	69032	2108	2109	0.1	0.0	1.3	0.3	1.8	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.3
69032	69397	2109	2110	0.1	0.0	1.3	0.3	1.8	3.3	0.7	0.8	0.7	0.3	0.8	5.9	4.3	10.3
	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	10	6	1	101	44	312	3	99	53	42	85	*561*	*196*	757
3652	*7305*	1930	1940	10	6	1	101	44	312	3	99	53	42	85	*561*	*196*	757
7305	*14610*	1940	1960	10	6	1	101	44	312	3	99	53	42	85	*561*	*196*	757
14610	*18263*	1960	1970	10	6	1	101	44	312	3	99	54	42	85	*562*	*196*	758
18263	*21915*	1970	1980	10	6	1	101	44	312	3	99	54	42	85	*562*	*196*	758
21915	*24837*	1980	1988	10	6	1	101	44	311	3	99	55	42	85	*562*	*196*	758
24837	*25202*	1988	1989	10	6	1	101	44	311	3	99	55	42	85	*562*	*196*	758
25202	*25567*	1989	1990	10	6	1	101	44	311	3	99	55	42	85	*562*	*196*	758
25567	*25932*	1990	1991	10	6	1	101	44	311	3	99	55	42	85	*562*	*196*	758
25932	*26298*	1991	1992	10	6	1	101	44	311	3	99	55	42	85	*563*	*196*	758
26298	*26663*	1992	1993	10	6	1	101	44	311	3	99	55	42	85	*563*	*196*	758
26663	*27028*	1993	1994	10	6	1	101	44	311	3	99	55	42	85	*563*	*196*	758
27028	*27393*	1994	1995	10	6	1	101	44	311	3	99	55	42	85	*563*	*196*	758
27393	*27759*	1995	1996	10	6	1	101	44	311	3	99	55	42	85	*563*	*196*	759
27759	*28124*	1996	1997	10	6	1	101	44	311	3	99	55	42	85	*563*	*196*	759
28124	*28489*	1997	1998	10	6	1	101	44	311	3	99	55	42	85	*563*	*196*	759
28489	*28854*	1998	1999	10	6	1	101	44	311	3	99	55	42	85	*563*	*196*	759
28854	*29220*	1999	2000	10	6	1	101	44	311	3	99	55	42	85	*563*	*196*	759
29220	*29585*	2000	2001	10	6	1	101	44	311	3	99	55	42	85	*563*	*196*	759
29585	*29950*	2001	2002	10	6	24	117	85	683	62	99	57	42	113	*1038*	*260*	1299
29950	*30315*	2002	2003	13	6	49	123	125	806	74	98	59	42	124	*1192*	*327*	1519
30315	*30681*	2003	2004	17	6	68	127	145	849	76	98	59	42	129	*1246*	*369*	1615
30681	*31046*	2004	2005	20	6	80	129	155	858	74	98	60	41	130	*1258*	*393*	1651
31046	*31411*	2005	2006	22	6	87	130	159	851	71	98	61	41	130	*1249*	*407*	1656
31411	*31776*	2006	2007	23	6	91	131	159	834	67	98	61	41	129	*1228*	*412*	1640
31776	*32142*	2007	2008	24	6	92	131	157	811	62	98	61	41	127	*1200*	*413*	1612
32142	*32507*	2008	2009	25	6	91	130	150	764	53	98	62	41	124	*1138*	*405*	1543
32507	*32872*	2009	2010	25	6	89	130	145	747	51	98	62	41	123	*1118*	*399*	1517
32872	*33237*	2010	2011	26	6	89	130	143	740	51	99	62	41	122	*1110*	*397*	1507
33237	*33603*	2011	2012	26	6	88	130	142	737	50	99	63	41	122	*1107*	*396*	1503
33603	*33968*	2012	2013	26	6	88	130	142	735	50	99	63	41	122	*1106*	*396*	1501
33968	*34333*	2013	2014	26	6	89	130	141	734	50	99	63	41	122	*1105*	*396*	1501
34333	*34698*	2014	2015	26	6	89	130	141	734	50	99	63	41	122	*1105*	*396*	1502
34698	*35064*	2015	2016	27	6	89	130	141	734	50	99	64	41	122	*1106*	*397*	1503
35064	*35429*	2016	2017	27	6	90	131	142	734	50	100	64	41	122	*1106*	*398*	1505
35429	*35794*	2017	2018	27	6	90	131	142	734	50	100	64	41	122	*1107*	*400*	1507
35794	*36159*	2018	2019	27	6	91	131	142	734	50	100	64	41	122	*1108*	*401*	1509
36159	*36525*	2019	2020	28	6	91	131	142	735	50	100	65	41	122	*1109*	*402*	1511
36525	*36890*	2020	2021	28	6	91	131	143	735	50	100	65	41	123	*1110*	*403*	1513
36890	*37255*	2021	2022	28	6	92	132	143	736	50	100	65	41	123	*1111*	*404*	1515
37255	*37620*	2022	2023	28	6	92	132	143	736	50	101	65	41	123	*1112*	*405*	1517
37620	*37986*	2023	2024	28	6	93	132	144	736	50	101	65	41	123	*1112*	*406*	1518
37986	*38351*	2024	2025	28	6	93	132	144	737	50	101	66	41	123	*1113*	*407*	1520

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**	29	6	93	132	144	737	50	101	66	41	123	***1114***	***408***	**1521**
38716	***39081***	**2026**	**2027**	29	6	93	132	144	737	50	101	66	41	123	***1114***	***408***	**1522**
39081	***39447***	**2027**	**2028**	29	6	94	132	144	737	50	101	66	41	123	***1115***	***409***	**1523**
39447	***39812***	**2028**	**2029**	29	6	94	132	145	738	50	101	66	41	123	***1115***	***410***	**1525**
39812	***40177***	**2029**	**2030**	29	6	94	132	145	738	50	101	66	41	123	***1116***	***410***	**1526**
40177	***40542***	**2030**	**2031**	29	6	95	133	145	738	50	102	66	41	123	***1116***	***411***	**1528**
40542	***40908***	**2031**	**2032**	29	6	95	133	145	739	50	102	66	41	123	***1117***	***412***	**1529**
40908	***41273***	**2032**	**2033**	29	6	95	133	145	739	50	102	66	41	123	***1118***	***413***	**1530**
41273	***41638***	**2033**	**2034**	30	6	95	133	146	739	50	102	67	41	123	***1118***	***413***	**1531**
41638	***42003***	**2034**	**2035**	30	6	95	133	146	740	50	102	67	41	123	***1119***	***414***	**1532**
42003	***42369***	**2035**	**2036**	30	6	96	133	146	740	50	102	67	41	123	***1119***	***414***	**1533**
42369	***42734***	**2036**	**2037**	30	6	96	133	146	740	50	102	67	41	123	***1120***	***415***	**1535**
42734	***43099***	**2037**	**2038**	30	6	96	133	146	740	50	102	67	41	123	***1120***	***415***	**1535**
43099	***43464***	**2038**	**2039**	30	6	96	133	146	740	50	102	67	41	123	***1120***	***415***	**1535**
43464	***43830***	**2039**	**2040**	30	6	96	133	146	740	50	102	67	41	123	***1120***	***415***	**1535**
43830	***44195***	**2040**	**2041**	30	6	96	133	146	740	50	102	67	41	123	***1120***	***416***	**1536**
44195	***44560***	**2041**	**2042**	30	6	96	133	146	740	50	102	67	41	123	***1120***	***416***	**1536**
44560	***44925***	**2042**	**2043**	30	6	96	133	146	740	50	102	67	41	124	***1120***	***416***	**1536**
44925	***45291***	**2043**	**2044**	30	6	96	133	146	740	50	102	67	41	124	***1120***	***416***	**1536**
45291	***45656***	**2044**	**2045**	30	6	96	133	146	740	50	102	67	41	124	***1121***	***416***	**1537**
45656	***46021***	**2045**	**2046**	30	6	96	133	146	741	50	102	67	41	124	***1121***	***416***	**1537**
46021	***46386***	**2046**	**2047**	30	6	96	133	146	741	50	102	67	41	124	***1121***	***416***	**1537**
46386	***46752***	**2047**	**2048**	30	6	96	133	146	741	50	102	67	41	124	***1121***	***417***	**1537**
46752	***47117***	**2048**	**2049**	30	6	97	133	146	741	50	103	67	41	124	***1121***	***417***	**1538**
47117	***47482***	**2049**	**2050**	30	6	97	133	147	741	50	103	67	41	124	***1121***	***417***	**1538**
47482	***47847***	**2050**	**2051**	30	6	97	133	147	741	50	103	67	41	124	***1121***	***417***	**1538**
47847	***48213***	**2051**	**2052**	30	6	97	133	147	741	50	103	67	41	124	***1121***	***417***	**1538**
48213	***48578***	**2052**	**2053**	30	6	97	133	147	741	50	103	67	41	124	***1121***	***417***	**1539**
48578	***48943***	**2053**	**2054**	30	6	97	133	147	741	50	103	67	41	124	***1122***	***417***	**1539**
48943	***49308***	**2054**	**2055**	30	6	97	134	147	741	50	103	67	41	124	***1122***	***417***	**1539**
49308	***49674***	**2055**	**2056**	30	6	97	134	147	741	50	103	67	41	124	***1122***	***418***	**1539**
49674	***50039***	**2056**	**2057**	30	6	97	134	147	741	50	103	67	41	124	***1122***	***418***	**1540**
50039	***50404***	**2057**	**2058**	30	6	97	134	147	741	50	103	67	41	124	***1122***	***418***	**1540**
50404	***50769***	**2058**	**2059**	30	6	97	134	147	741	50	103	67	41	124	***1122***	***418***	**1540**
50769	***51135***	**2059**	**2060**	31	6	97	134	147	741	50	103	67	41	124	***1122***	***418***	**1540**
51135	***51500***	**2060**	**2061**	31	6	97	134	147	741	50	103	67	41	124	***1122***	***418***	**1541**
51500	***51865***	**2061**	**2062**	31	6	97	134	147	741	50	103	67	41	124	***1123***	***418***	**1541**
51865	***52230***	**2062**	**2063**	31	6	97	134	147	742	50	103	67	41	124	***1123***	***419***	**1541**
52230	***52596***	**2063**	**2064**	31	6	97	134	147	742	50	103	68	41	124	***1123***	***419***	**1541**
52596	***52961***	**2064**	**2065**	31	6	97	134	147	742	50	103	68	41	124	***1123***	***419***	**1542**
52961	***53326***	**2065**	**2066**	31	6	97	134	147	742	50	103	68	41	124	***1123***	***419***	**1542**
53326	***53691***	**2066**	**2067**	31	6	97	134	147	742	50	103	68	41	124	***1123***	***419***	**1542**

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	31	6	97	134	147	742	50	103	68	41	124	1123	419	1542
54057	54422	2068	2069	31	6	98	134	147	742	50	103	68	41	124	1123	419	1543
54422	54787	2069	2070	31	6	98	134	147	742	50	103	68	41	124	1123	419	1543
54787	55152	2070	2071	31	6	98	134	147	742	50	103	68	41	124	1123	420	1543
55152	55518	2071	2072	31	6	98	134	147	742	50	103	68	41	124	1124	420	1543
55518	55883	2072	2073	31	6	98	134	147	742	50	103	68	41	124	1124	420	1544
55883	56248	2073	2074	31	6	98	134	147	742	50	103	68	41	124	1124	420	1544
56248	56613	2074	2075	31	6	98	134	147	742	50	103	68	41	124	1124	420	1544
56613	56979	2075	2076	31	6	98	134	147	742	50	103	68	41	124	1124	420	1544
56979	57344	2076	2077	31	6	98	134	148	742	50	103	68	41	124	1124	420	1545
57344	57709	2077	2078	31	6	98	134	148	742	50	103	68	41	124	1124	421	1545
57709	58074	2078	2079	31	6	98	134	148	742	50	103	68	41	124	1124	421	1545
58074	58440	2079	2080	31	6	98	134	148	742	50	103	68	41	124	1124	421	1545
58440	58805	2080	2081	31	6	98	134	148	743	50	103	68	41	124	1125	421	1545
58805	59170	2081	2082	31	6	98	134	148	743	50	103	68	41	124	1125	421	1546
59170	59535	2082	2083	31	6	98	134	148	743	50	103	68	41	124	1125	421	1546
59535	59901	2083	2084	31	6	98	134	148	743	50	103	68	41	124	1125	421	1546
59901	60266	2084	2085	31	6	98	134	148	743	50	103	68	41	124	1125	421	1546
60266	60631	2085	2086	31	6	98	134	148	743	50	103	68	41	124	1125	422	1547
60631	60996	2086	2087	31	6	98	134	148	743	50	103	68	41	124	1125	422	1547
60996	61362	2087	2088	31	6	98	134	148	743	50	103	68	41	124	1125	422	1547
61362	61727	2088	2089	31	6	98	134	148	743	50	103	68	41	124	1125	422	1547
61727	62092	2089	2090	31	6	99	134	148	743	50	103	68	41	124	1125	422	1547
62092	62457	2090	2091	31	6	99	134	148	743	50	103	68	41	124	1126	422	1548
62457	62823	2091	2092	31	6	99	134	148	743	50	104	68	41	124	1126	422	1548
62823	63188	2092	2093	31	6	99	134	148	743	50	104	68	41	124	1126	422	1548
63188	63553	2093	2094	31	6	99	134	148	743	50	104	68	41	124	1126	422	1548
63553	63918	2094	2095	31	6	99	134	148	743	50	104	68	41	124	1126	423	1549
63918	64284	2095	2096	31	6	99	134	148	743	50	104	68	41	124	1126	423	1549
64284	64649	2096	2097	31	6	99	134	148	743	50	104	68	41	124	1126	423	1549
64649	65014	2097	2098	31	6	99	134	148	743	50	104	68	41	124	1126	423	1549
65014	65379	2098	2099	31	6	99	134	148	743	50	104	68	41	124	1126	423	1549
65379	65745	2099	2100	31	6	99	134	148	743	50	104	68	41	124	1126	423	1550
65745	66110	2100	2101	31	6	99	134	148	744	50	104	68	41	124	1127	423	1550
66110	66475	2101	2102	32	6	99	134	148	744	50	104	68	41	124	1127	423	1550
66475	66840	2102	2103	32	6	99	134	148	744	50	104	68	41	124	1127	424	1550
66840	67206	2103	2104	32	6	99	134	148	744	50	104	68	41	124	1127	424	1550
67206	67571	2104	2105	32	6	99	134	148	744	50	104	68	41	124	1127	424	1551
67571	67936	2105	2106	32	6	99	134	148	744	50	104	68	41	124	1127	424	1551
67936	68301	2106	2107	32	6	99	134	148	744	50	104	68	41	124	1127	424	1551
68301	68667	2107	2108	32	6	99	134	148	744	50	104	68	41	124	1127	424	1551
68667	69032	2108	2109	32	6	99	134	149	744	50	104	68	41	124	1127	424	1552
69032	69397	2109	2110	32	6	99	134	149	744	50	104	68	41	124	1127	424	1552

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	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
3652	*7305*	1930	1940	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
7305	*14610*	1940	1960	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
14610	*18263*	1960	1970	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
18263	*21915*	1970	1980	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
21915	*24837*	1980	1988	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
24837	*25202*	1988	1989	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
25202	*25567*	1989	1990	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
25567	*25932*	1990	1991	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
25932	*26298*	1991	1992	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
26298	*26663*	1992	1993	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
26663	*27028*	1993	1994	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
27028	*27393*	1994	1995	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
27393	*27759*	1995	1996	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
27759	*28124*	1996	1997	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
28124	*28489*	1997	1998	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
28489	*28854*	1998	1999	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
28854	*29220*	1999	2000	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
29220	*29585*	2000	2001	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
29585	*29950*	2001	2002	0.0	0.0	0.2	0.2	0.6	2.1	0.4	0.7	0.5	0.3	0.6	***3.8***	***1.8***	5.6
29950	*30315*	2002	2003	0.0	0.0	0.3	0.2	0.9	2.4	0.5	0.7	0.5	0.3	0.6	***4.3***	***2.3***	6.6
30315	*30681*	2003	2004	0.0	0.0	0.5	0.3	1.0	2.5	0.5	0.7	0.5	0.3	0.6	***4.5***	***2.5***	7.0
30681	*31046*	2004	2005	0.0	0.0	0.6	0.3	1.1	2.6	0.5	0.7	0.5	0.3	0.6	***4.5***	***2.7***	7.2
31046	*31411*	2005	2006	0.1	0.0	0.6	0.3	1.1	2.6	0.5	0.7	0.5	0.3	0.6	***4.5***	***2.8***	7.3
31411	*31776*	2006	2007	0.1	0.0	0.6	0.3	1.1	2.5	0.5	0.7	0.5	0.3	0.6	***4.4***	***2.8***	7.2
31776	*32142*	2007	2008	0.1	0.0	0.6	0.3	1.1	2.4	0.4	0.7	0.5	0.3	0.6	***4.3***	***2.8***	7.1
32142	*32507*	2008	2009	0.1	0.0	0.6	0.3	1.0	2.3	0.4	0.7	0.5	0.3	0.6	***4.1***	***2.8***	6.8
32507	*32872*	2009	2010	0.1	0.0	0.6	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
32872	*33237*	2010	2011	0.1	0.0	0.6	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
33237	*33603*	2011	2012	0.1	0.0	0.6	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	***3.9***	***2.7***	6.6
33603	*33968*	2012	2013	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***3.9***	***2.7***	6.6
33968	*34333*	2013	2014	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***3.9***	***2.7***	6.6
34333	*34698*	2014	2015	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***3.9***	***2.7***	6.6
34698	*35064*	2015	2016	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***3.9***	***2.7***	6.7
35064	*35429*	2016	2017	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
35429	*35794*	2017	2018	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
35794	*36159*	2018	2019	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
36159	*36525*	2019	2020	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
36525	*36890*	2020	2021	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
36890	*37255*	2021	2022	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
37255	*37620*	2022	2023	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.8***	6.7
37620	*37986*	2023	2024	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.8***	6.7
37986	*38351*	2024	2025	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.8***	6.7

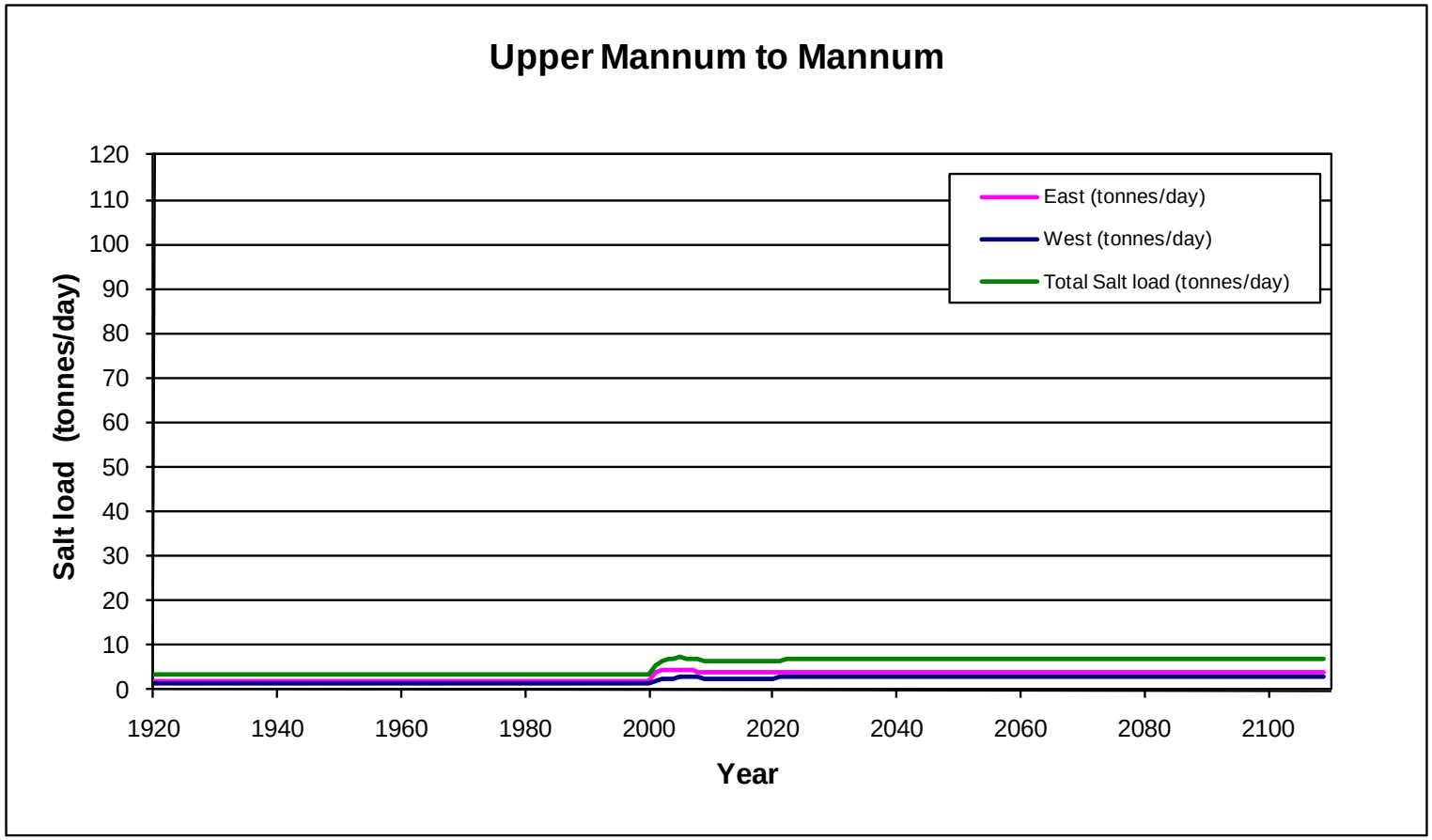
B-4(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 3b)

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	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.7
38716	39081	2026	2027	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.8
39081	39447	2027	2028	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.8
39447	39812	2028	2029	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.8
39812	40177	2029	2030	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.8
40177	40542	2030	2031	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.8
40542	40908	2031	2032	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.8
40908	41273	2032	2033	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.8
41273	41638	2033	2034	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.8
41638	42003	2034	2035	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.8
42003	42369	2035	2036	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.8
42369	42734	2036	2037	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
42734	43099	2037	2038	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
43099	43464	2038	2039	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
43464	43830	2039	2040	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
43830	44195	2040	2041	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
44195	44560	2041	2042	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
44560	44925	2042	2043	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
44925	45291	2043	2044	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
45291	45656	2044	2045	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
45656	46021	2045	2046	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
46021	46386	2046	2047	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
46386	46752	2047	2048	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
46752	47117	2048	2049	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
47117	47482	2049	2050	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
47482	47847	2050	2051	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
47847	48213	2051	2052	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
48213	48578	2052	2053	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
48578	48943	2053	2054	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
48943	49308	2054	2055	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
49308	49674	2055	2056	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
49674	50039	2056	2057	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
50039	50404	2057	2058	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
50404	50769	2058	2059	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
50769	51135	2059	2060	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
51135	51500	2060	2061	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
51500	51865	2061	2062	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
51865	52230	2062	2063	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
52230	52596	2063	2064	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
52596	52961	2064	2065	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
52961	53326	2065	2066	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
53326	53691	2066	2067	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9

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)
53691	54057	2067	2068	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
54057	54422	2068	2069	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
54422	54787	2069	2070	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
54787	55152	2070	2071	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
55152	55518	2071	2072	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
55518	55883	2072	2073	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
55883	56248	2073	2074	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
56248	56613	2074	2075	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
56613	56979	2075	2076	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
56979	57344	2076	2077	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
57344	57709	2077	2078	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
57709	58074	2078	2079	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
58074	58440	2079	2080	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
58440	58805	2080	2081	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
58805	59170	2081	2082	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
59170	59535	2082	2083	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
59535	59901	2083	2084	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
59901	60266	2084	2085	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
60266	60631	2085	2086	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
60631	60996	2086	2087	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
60996	61362	2087	2088	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
61362	61727	2088	2089	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
61727	62092	2089	2090	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
62092	62457	2090	2091	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
62457	62823	2091	2092	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
62823	63188	2092	2093	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
63188	63553	2093	2094	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
63553	63918	2094	2095	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
63918	64284	2095	2096	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
64284	64649	2096	2097	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
64649	65014	2097	2098	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
65014	65379	2098	2099	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
65379	65745	2099	2100	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
65745	66110	2100	2101	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
66110	66475	2101	2102	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
66475	66840	2102	2103	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
66840	67206	2103	2104	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
67206	67571	2104	2105	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
67571	67936	2105	2106	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
67936	68301	2106	2107	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
68301	68667	2107	2108	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
68667	69032	2108	2109	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
69032	69397	2109	2110	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
	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	10	6	1	101	44	312	3	99	53	42	85	561	196	757
3652	7305	1930	1940	10	6	1	101	44	312	3	99	53	42	85	561	196	757
7305	14610	1940	1960	10	6	1	101	44	312	3	99	53	42	85	561	196	757
14610	18263	1960	1970	10	6	1	101	44	312	3	99	54	42	85	562	196	758
18263	21915	1970	1980	10	6	1	101	44	312	3	99	54	42	85	562	196	758
21915	24837	1980	1988	10	6	1	101	44	311	3	99	55	42	85	562	196	758
24837	25202	1988	1989	10	6	1	101	44	311	3	99	55	42	85	562	196	758
25202	25567	1989	1990	10	6	1	101	44	311	3	99	55	42	85	562	196	758
25567	25932	1990	1991	10	6	1	101	44	311	3	99	55	42	85	562	196	758
25932	26298	1991	1992	10	6	1	101	44	311	3	99	55	42	85	563	196	758
26298	26663	1992	1993	10	6	1	101	44	311	3	99	55	42	85	563	196	758
26663	27028	1993	1994	10	6	1	101	44	311	3	99	55	42	85	563	196	758
27028	27393	1994	1995	10	6	1	101	44	311	3	99	55	42	85	563	196	758
27393	27759	1995	1996	10	6	1	101	44	311	3	99	55	42	85	563	196	759
27759	28124	1996	1997	10	6	1	101	44	311	3	99	55	42	85	563	196	759
28124	28489	1997	1998	10	6	1	101	44	311	3	99	55	42	85	563	196	759
28489	28854	1998	1999	10	6	1	101	44	311	3	99	55	42	85	563	196	759
28854	29220	1999	2000	10	6	1	101	44	311	3	99	55	42	85	563	196	759
29220	29585	2000	2001	10	6	1	101	44	311	3	99	55	42	85	563	196	759
29585	29950	2001	2002	10	6	24	117	85	684	62	99	57	42	113	1039	260	1299
29950	30315	2002	2003	13	6	49	123	125	805	74	98	59	42	124	1192	327	1519
30315	30681	2003	2004	17	6	68	127	145	849	76	98	60	42	129	1246	369	1615
30681	31046	2004	2005	20	6	80	129	155	858	75	98	60	41	130	1258	394	1652
31046	31411	2005	2006	22	6	87	130	159	851	71	98	61	41	130	1249	407	1656
31411	31776	2006	2007	23	6	91	131	159	834	67	98	61	41	129	1228	412	1641
31776	32142	2007	2008	24	6	92	131	157	811	62	98	61	41	127	1200	413	1612
32142	32507	2008	2009	25	6	91	130	150	764	54	98	62	41	124	1139	405	1544
32507	32872	2009	2010	25	6	89	130	145	747	51	98	62	41	123	1118	399	1517
32872	33237	2010	2011	26	6	89	130	143	739	51	99	62	41	122	1110	397	1506
33237	33603	2011	2012	26	6	88	130	142	736	50	99	63	41	122	1106	396	1502
33603	33968	2012	2013	26	6	88	130	141	734	50	99	63	41	122	1105	396	1501
33968	34333	2013	2014	26	6	89	130	141	734	50	99	63	41	122	1105	396	1501
34333	34698	2014	2015	27	6	89	130	141	734	50	99	64	41	122	1105	397	1503
34698	35064	2015	2016	27	6	89	131	142	734	50	99	64	41	122	1106	398	1504
35064	35429	2016	2017	27	6	90	131	142	734	50	100	64	41	122	1107	399	1506
35429	35794	2017	2018	27	6	90	131	142	734	50	100	64	41	122	1108	401	1509
35794	36159	2018	2019	28	6	91	131	142	735	50	100	65	41	122	1109	402	1511
36159	36525	2019	2020	28	6	92	131	143	735	50	100	65	41	123	1110	403	1513
36525	36890	2020	2021	28	6	92	132	143	736	50	100	65	41	123	1111	404	1515
36890	37255	2021	2022	28	6	92	132	143	736	50	101	65	41	123	1112	405	1517
37255	37620	2022	2023	28	6	93	132	144	736	50	101	65	41	123	1112	406	1518
37620	37986	2023	2024	28	6	93	132	144	737	50	101	66	41	123	1113	407	1520
37986	38351	2024	2025	29	6	93	132	144	737	50	101	66	41	123	1114	408	1522

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**	29	6	94	132	144	737	50	101	66	41	123	***1114***	***409***	**1523**
38716	***39081***	**2026**	**2027**	29	6	94	132	145	738	50	101	66	41	123	***1115***	***410***	**1525**
39081	***39447***	**2027**	**2028**	29	6	94	133	145	738	50	101	66	41	123	***1116***	***410***	**1526**
39447	***39812***	**2028**	**2029**	29	6	95	133	145	738	50	102	66	41	123	***1117***	***411***	**1528**
39812	***40177***	**2029**	**2030**	29	6	95	133	145	739	50	102	66	41	123	***1117***	***412***	**1529**
40177	***40542***	**2030**	**2031**	29	6	95	133	145	739	50	102	66	41	123	***1118***	***412***	**1530**
40542	***40908***	**2031**	**2032**	30	6	95	133	146	739	50	102	67	41	123	***1118***	***413***	**1531**
40908	***41273***	**2032**	**2033**	30	6	95	133	146	739	50	102	67	41	123	***1119***	***414***	**1532**
41273	***41638***	**2033**	**2034**	30	6	96	133	146	740	50	102	67	41	123	***1119***	***414***	**1534**
41638	***42003***	**2034**	**2035**	30	6	96	133	146	740	50	102	67	41	123	***1119***	***415***	**1534**
42003	***42369***	**2035**	**2036**	30	6	96	133	146	740	50	102	67	41	123	***1119***	***415***	**1534**
42369	***42734***	**2036**	**2037**	30	6	96	133	146	740	50	102	67	41	123	***1120***	***415***	**1535**
42734	***43099***	**2037**	**2038**	30	6	96	133	146	740	50	102	67	41	123	***1120***	***415***	**1535**
43099	***43464***	**2038**	**2039**	30	6	96	133	146	740	50	102	67	41	123	***1120***	***415***	**1535**
43464	***43830***	**2039**	**2040**	30	6	96	133	146	740	50	102	67	41	123	***1120***	***415***	**1535**
43830	***44195***	**2040**	**2041**	30	6	96	133	146	740	50	102	67	41	123	***1120***	***416***	**1536**
44195	***44560***	**2041**	**2042**	30	6	96	133	146	740	50	102	67	41	123	***1120***	***416***	**1536**
44560	***44925***	**2042**	**2043**	30	6	96	133	146	740	50	102	67	41	124	***1120***	***416***	**1536**
44925	***45291***	**2043**	**2044**	30	6	96	133	146	740	50	102	67	41	124	***1120***	***416***	**1536**
45291	***45656***	**2044**	**2045**	30	6	96	133	146	740	50	102	67	41	124	***1121***	***416***	**1537**
45656	***46021***	**2045**	**2046**	30	6	96	133	146	741	50	102	67	41	124	***1121***	***416***	**1537**
46021	***46386***	**2046**	**2047**	30	6	96	133	146	741	50	102	67	41	124	***1121***	***416***	**1537**
46386	***46752***	**2047**	**2048**	30	6	97	133	146	741	50	102	67	41	124	***1121***	***417***	**1537**
46752	***47117***	**2048**	**2049**	30	6	97	133	146	741	50	103	67	41	124	***1121***	***417***	**1538**
47117	***47482***	**2049**	**2050**	30	6	97	133	147	741	50	103	67	41	124	***1121***	***417***	**1538**
47482	***47847***	**2050**	**2051**	30	6	97	133	147	741	50	103	67	41	124	***1121***	***417***	**1538**
47847	***48213***	**2051**	**2052**	30	6	97	133	147	741	50	103	67	41	124	***1121***	***417***	**1538**
48213	***48578***	**2052**	**2053**	30	6	97	133	147	741	50	103	67	41	124	***1122***	***417***	**1539**
48578	***48943***	**2053**	**2054**	30	6	97	133	147	741	50	103	67	41	124	***1122***	***417***	**1539**
48943	***49308***	**2054**	**2055**	30	6	97	134	147	741	50	103	67	41	124	***1122***	***418***	**1539**
49308	***49674***	**2055**	**2056**	30	6	97	134	147	741	50	103	67	41	124	***1122***	***418***	**1539**
49674	***50039***	**2056**	**2057**	30	6	97	134	147	741	50	103	67	41	124	***1122***	***418***	**1540**
50039	***50404***	**2057**	**2058**	30	6	97	134	147	741	50	103	67	41	124	***1122***	***418***	**1540**
50404	***50769***	**2058**	**2059**	30	6	97	134	147	741	50	103	67	41	124	***1122***	***418***	**1540**
50769	***51135***	**2059**	**2060**	31	6	97	134	147	741	50	103	67	41	124	***1122***	***418***	**1540**
51135	***51500***	**2060**	**2061**	31	6	97	134	147	741	50	103	67	41	124	***1122***	***418***	**1541**
51500	***51865***	**2061**	**2062**	31	6	97	134	147	741	50	103	67	41	124	***1123***	***418***	**1541**
51865	***52230***	**2062**	**2063**	31	6	97	134	147	742	50	103	68	41	124	***1123***	***419***	**1541**
52230	***52596***	**2063**	**2064**	31	6	97	134	147	742	50	103	68	41	124	***1123***	***419***	**1541**
52596	***52961***	**2064**	**2065**	31	6	97	134	147	742	50	103	68	41	124	***1123***	***419***	**1542**
52961	***53326***	**2065**	**2066**	31	6	97	134	147	742	50	103	68	41	124	***1123***	***419***	**1542**
53326	***53691***	**2066**	**2067**	31	6	97	134	147	742	50	103	68	41	124	***1123***	***419***	**1542**

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	31	6	98	134	147	742	50	103	68	41	124	1123	419	1542
54057	54422	2068	2069	31	6	98	134	147	742	50	103	68	41	124	1123	419	1543
54422	54787	2069	2070	31	6	98	134	147	742	50	103	68	41	124	1123	420	1543
54787	55152	2070	2071	31	6	98	134	147	742	50	103	68	41	124	1124	420	1543
55152	55518	2071	2072	31	6	98	134	147	742	50	103	68	41	124	1124	420	1543
55518	55883	2072	2073	31	6	98	134	147	742	50	103	68	41	124	1124	420	1544
55883	56248	2073	2074	31	6	98	134	147	742	50	103	68	41	124	1124	420	1544
56248	56613	2074	2075	31	6	98	134	147	742	50	103	68	41	124	1124	420	1544
56613	56979	2075	2076	31	6	98	134	147	742	50	103	68	41	124	1124	420	1544
56979	57344	2076	2077	31	6	98	134	148	742	50	103	68	41	124	1124	420	1545
57344	57709	2077	2078	31	6	98	134	148	742	50	103	68	41	124	1124	421	1545
57709	58074	2078	2079	31	6	98	134	148	742	50	103	68	41	124	1124	421	1545
58074	58440	2079	2080	31	6	98	134	148	742	50	103	68	41	124	1124	421	1545
58440	58805	2080	2081	31	6	98	134	148	743	50	103	68	41	124	1125	421	1545
58805	59170	2081	2082	31	6	98	134	148	743	50	103	68	41	124	1125	421	1546
59170	59535	2082	2083	31	6	98	134	148	743	50	103	68	41	124	1125	421	1546
59535	59901	2083	2084	31	6	98	134	148	743	50	103	68	41	124	1125	421	1546
59901	60266	2084	2085	31	6	98	134	148	743	50	103	68	41	124	1125	421	1546
60266	60631	2085	2086	31	6	98	134	148	743	50	103	68	41	124	1125	422	1547
60631	60996	2086	2087	31	6	98	134	148	743	50	103	68	41	124	1125	422	1547
60996	61362	2087	2088	31	6	98	134	148	743	50	103	68	41	124	1125	422	1547
61362	61727	2088	2089	31	6	98	134	148	743	50	103	68	41	124	1125	422	1547
61727	62092	2089	2090	31	6	99	134	148	743	50	103	68	41	124	1125	422	1547
62092	62457	2090	2091	31	6	99	134	148	743	50	103	68	41	124	1126	422	1548
62457	62823	2091	2092	31	6	99	134	148	743	50	104	68	41	124	1126	422	1548
62823	63188	2092	2093	31	6	99	134	148	743	50	104	68	41	124	1126	422	1548
63188	63553	2093	2094	31	6	99	134	148	743	50	104	68	41	124	1126	423	1548
63553	63918	2094	2095	31	6	99	134	148	743	50	104	68	41	124	1126	423	1549
63918	64284	2095	2096	31	6	99	134	148	743	50	104	68	41	124	1126	423	1549
64284	64649	2096	2097	31	6	99	134	148	743	50	104	68	41	124	1126	423	1549
64649	65014	2097	2098	31	6	99	134	148	743	50	104	68	41	124	1126	423	1549
65014	65379	2098	2099	31	6	99	134	148	743	50	104	68	41	124	1126	423	1549
65379	65745	2099	2100	31	6	99	134	148	744	50	104	68	41	124	1126	423	1550
65745	66110	2100	2101	31	6	99	134	148	744	50	104	68	41	124	1127	423	1550
66110	66475	2101	2102	32	6	99	134	148	744	50	104	68	41	124	1127	423	1550
66475	66840	2102	2103	32	6	99	134	148	744	50	104	68	41	124	1127	424	1550
66840	67206	2103	2104	32	6	99	134	148	744	50	104	68	41	124	1127	424	1550
67206	67571	2104	2105	32	6	99	134	148	744	50	104	68	41	124	1127	424	1551
67571	67936	2105	2106	32	6	99	134	148	744	50	104	68	41	124	1127	424	1551
67936	68301	2106	2107	32	6	99	134	148	744	50	104	68	41	124	1127	424	1551
68301	68667	2107	2108	32	6	99	134	148	744	50	104	68	41	124	1127	424	1551
68667	69032	2108	2109	32	6	99	134	149	744	50	104	68	41	124	1127	424	1552
69032	69397	2109	2110	32	6	99	134	149	744	50	104	68	41	124	1127	424	1552

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	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
3652	*7305*	1930	1940	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
7305	*14610*	1940	1960	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
14610	*18263*	1960	1970	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
18263	*21915*	1970	1980	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
21915	*24837*	1980	1988	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
24837	*25202*	1988	1989	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
25202	*25567*	1989	1990	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
25567	*25932*	1990	1991	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
25932	*26298*	1991	1992	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
26298	*26663*	1992	1993	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
26663	*27028*	1993	1994	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
27028	*27393*	1994	1995	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
27393	*27759*	1995	1996	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
27759	*28124*	1996	1997	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
28124	*28489*	1997	1998	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
28489	*28854*	1998	1999	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
28854	*29220*	1999	2000	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
29220	*29585*	2000	2001	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
29585	*29950*	2001	2002	0.0	0.0	0.2	0.2	0.6	2.1	0.4	0.7	0.5	0.3	0.6	***3.8***	***1.8***	5.6
29950	*30315*	2002	2003	0.0	0.0	0.3	0.2	0.9	2.4	0.5	0.7	0.5	0.3	0.6	***4.3***	***2.3***	6.6
30315	*30681*	2003	2004	0.0	0.0	0.5	0.3	1.0	2.5	0.5	0.7	0.5	0.3	0.6	***4.5***	***2.6***	7.0
30681	*31046*	2004	2005	0.0	0.0	0.6	0.3	1.1	2.6	0.5	0.7	0.5	0.3	0.6	***4.5***	***2.7***	7.2
31046	*31411*	2005	2006	0.1	0.0	0.6	0.3	1.1	2.6	0.5	0.7	0.5	0.3	0.6	***4.5***	***2.8***	7.3
31411	*31776*	2006	2007	0.1	0.0	0.6	0.3	1.1	2.5	0.5	0.7	0.5	0.3	0.6	***4.4***	***2.8***	7.2
31776	*32142*	2007	2008	0.1	0.0	0.6	0.3	1.1	2.4	0.4	0.7	0.5	0.3	0.6	***4.3***	***2.8***	7.1
32142	*32507*	2008	2009	0.1	0.0	0.6	0.3	1.0	2.3	0.4	0.7	0.5	0.3	0.6	***4.1***	***2.8***	6.8
32507	*32872*	2009	2010	0.1	0.0	0.6	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
32872	*33237*	2010	2011	0.1	0.0	0.6	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
33237	*33603*	2011	2012	0.1	0.0	0.6	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	***3.9***	***2.7***	6.6
33603	*33968*	2012	2013	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***3.9***	***2.7***	6.6
33968	*34333*	2013	2014	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***3.9***	***2.7***	6.6
34333	*34698*	2014	2015	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***3.9***	***2.7***	6.6
34698	*35064*	2015	2016	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
35064	*35429*	2016	2017	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
35429	*35794*	2017	2018	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
35794	*36159*	2018	2019	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
36159	*36525*	2019	2020	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
36525	*36890*	2020	2021	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
36890	*37255*	2021	2022	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.8***	6.7
37255	*37620*	2022	2023	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.8***	6.7
37620	*37986*	2023	2024	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.8***	6.7
37986	*38351*	2024	2025	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.8***	6.8

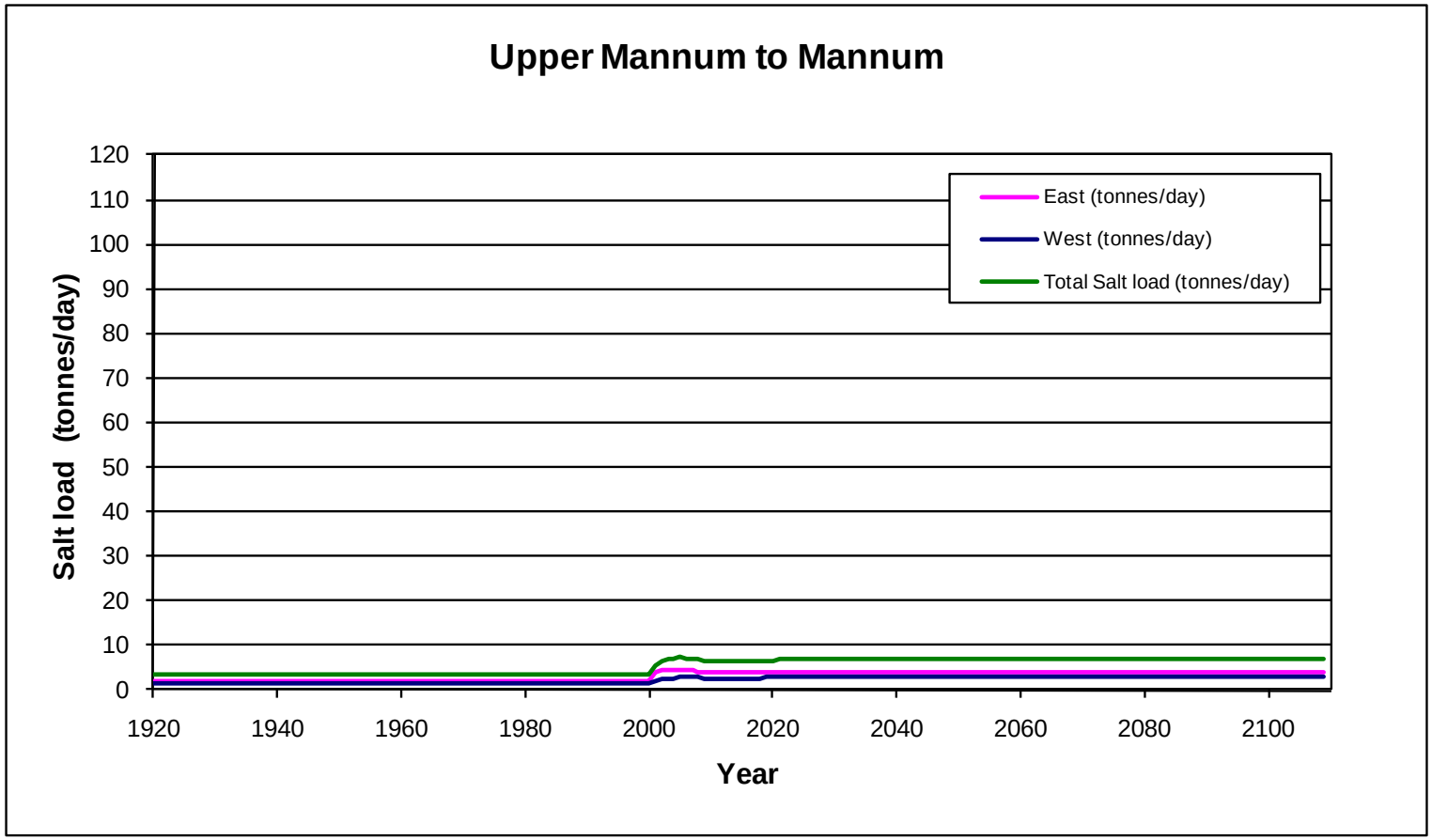
B-4(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 3c)

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	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.8
38716	39081	2026	2027	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.8
39081	39447	2027	2028	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.8
39447	39812	2028	2029	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.8
39812	40177	2029	2030	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.8
40177	40542	2030	2031	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.8
40542	40908	2031	2032	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.8
40908	41273	2032	2033	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.8
41273	41638	2033	2034	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.8
41638	42003	2034	2035	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.8
42003	42369	2035	2036	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.8
42369	42734	2036	2037	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
42734	43099	2037	2038	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
43099	43464	2038	2039	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
43464	43830	2039	2040	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
43830	44195	2040	2041	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
44195	44560	2041	2042	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
44560	44925	2042	2043	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
44925	45291	2043	2044	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
45291	45656	2044	2045	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
45656	46021	2045	2046	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
46021	46386	2046	2047	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
46386	46752	2047	2048	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
46752	47117	2048	2049	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
47117	47482	2049	2050	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
47482	47847	2050	2051	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
47847	48213	2051	2052	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
48213	48578	2052	2053	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
48578	48943	2053	2054	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
48943	49308	2054	2055	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
49308	49674	2055	2056	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
49674	50039	2056	2057	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
50039	50404	2057	2058	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
50404	50769	2058	2059	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
50769	51135	2059	2060	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.8
51135	51500	2060	2061	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
51500	51865	2061	2062	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
51865	52230	2062	2063	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
52230	52596	2063	2064	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
52596	52961	2064	2065	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
52961	53326	2065	2066	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
53326	53691	2066	2067	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9

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)
53691	54057	2067	2068	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
54057	54422	2068	2069	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
54422	54787	2069	2070	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
54787	55152	2070	2071	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
55152	55518	2071	2072	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
55518	55883	2072	2073	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
55883	56248	2073	2074	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
56248	56613	2074	2075	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
56613	56979	2075	2076	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
56979	57344	2076	2077	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
57344	57709	2077	2078	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
57709	58074	2078	2079	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
58074	58440	2079	2080	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
58440	58805	2080	2081	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
58805	59170	2081	2082	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
59170	59535	2082	2083	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
59535	59901	2083	2084	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.8	6.9
59901	60266	2084	2085	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
60266	60631	2085	2086	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
60631	60996	2086	2087	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
60996	61362	2087	2088	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
61362	61727	2088	2089	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
61727	62092	2089	2090	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
62092	62457	2090	2091	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
62457	62823	2091	2092	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
62823	63188	2092	2093	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
63188	63553	2093	2094	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
63553	63918	2094	2095	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
63918	64284	2095	2096	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
64284	64649	2096	2097	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
64649	65014	2097	2098	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
65014	65379	2098	2099	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
65379	65745	2099	2100	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
65745	66110	2100	2101	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
66110	66475	2101	2102	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
66475	66840	2102	2103	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
66840	67206	2103	2104	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
67206	67571	2104	2105	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
67571	67936	2105	2106	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
67936	68301	2106	2107	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
68301	68667	2107	2108	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
68667	69032	2108	2109	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
69032	69397	2109	2110	0.1	0.0	0.7	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.9	6.9
	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	10	6	1	101	44	312	3	99	53	42	85	561	196	757
3652	7305	1930	1940	10	6	1	101	44	312	3	99	53	42	85	561	196	757
7305	14610	1940	1960	10	6	1	101	44	312	3	99	53	42	85	561	196	757
14610	18263	1960	1970	10	6	1	101	44	312	3	99	54	42	85	562	196	758
18263	21915	1970	1980	10	6	1	101	44	312	3	99	54	42	85	562	196	758
21915	24837	1980	1988	10	6	1	101	44	311	3	99	55	42	85	562	196	758
24837	25202	1988	1989	10	6	1	101	44	311	3	99	55	42	85	562	196	758
25202	25567	1989	1990	10	6	1	101	44	311	3	99	55	42	85	562	196	758
25567	25932	1990	1991	10	6	1	101	44	311	3	99	55	42	85	562	196	758
25932	26298	1991	1992	10	6	1	101	44	311	3	99	55	42	85	563	196	758
26298	26663	1992	1993	10	6	1	101	44	311	3	99	55	42	85	563	196	758
26663	27028	1993	1994	10	6	1	101	44	311	3	99	55	42	85	563	196	758
27028	27393	1994	1995	10	6	1	101	44	311	3	99	55	42	85	563	196	758
27393	27759	1995	1996	10	6	1	101	44	311	3	99	55	42	85	563	196	759
27759	28124	1996	1997	10	6	1	101	44	311	3	99	55	42	85	563	196	759
28124	28489	1997	1998	10	6	1	101	44	311	3	99	55	42	85	563	196	759
28489	28854	1998	1999	10	6	1	101	44	311	3	99	55	42	85	563	196	759
28854	29220	1999	2000	10	6	1	101	44	311	3	99	55	42	85	563	196	759
29220	29585	2000	2001	10	6	1	101	44	311	3	99	55	42	85	563	196	759
29585	29950	2001	2002	10	6	24	117	85	684	62	99	57	42	113	1039	260	1299
29950	30315	2002	2003	13	6	49	123	125	805	74	98	59	42	124	1192	327	1519
30315	30681	2003	2004	17	6	68	127	145	849	76	98	60	42	129	1246	369	1615
30681	31046	2004	2005	20	6	80	129	155	858	75	98	60	41	130	1258	394	1652
31046	31411	2005	2006	22	6	87	130	159	851	71	98	61	41	130	1249	407	1656
31411	31776	2006	2007	23	6	91	131	159	834	67	98	61	41	129	1228	412	1641
31776	32142	2007	2008	24	6	92	131	157	811	62	98	61	41	127	1200	413	1612
32142	32507	2008	2009	25	6	91	130	150	764	54	98	62	41	124	1139	405	1544
32507	32872	2009	2010	25	6	89	130	145	747	51	98	62	41	123	1118	399	1517
32872	33237	2010	2011	26	6	89	130	143	739	51	99	62	41	122	1110	397	1506
33237	33603	2011	2012	26	6	88	130	142	736	50	99	63	41	122	1106	396	1502
33603	33968	2012	2013	26	6	88	130	141	734	50	99	63	41	122	1105	396	1501
33968	34333	2013	2014	26	6	89	130	141	734	50	99	63	41	122	1105	396	1501
34333	34698	2014	2015	27	6	89	130	141	734	50	99	64	41	122	1105	397	1503
34698	35064	2015	2016	27	6	89	131	142	734	50	99	64	41	122	1106	398	1504
35064	35429	2016	2017	27	6	90	131	142	734	50	100	64	41	122	1107	399	1506
35429	35794	2017	2018	27	6	90	131	142	734	50	100	64	41	122	1108	401	1509
35794	36159	2018	2019	28	6	91	131	142	735	50	100	65	41	122	1109	402	1511
36159	36525	2019	2020	28	6	92	131	143	735	50	100	65	41	123	1110	403	1513
36525	36890	2020	2021	28	6	92	132	143	736	50	100	65	41	123	1111	404	1515
36890	37255	2021	2022	28	6	92	132	143	736	50	101	65	41	123	1112	405	1517
37255	37620	2022	2023	28	6	93	132	144	736	50	101	65	41	123	1112	406	1518
37620	37986	2023	2024	28	6	93	132	144	737	50	101	66	41	123	1113	407	1520
37986	38351	2024	2025	30	6	100	136	162	775	53	101	67	42	153	1191	435	1626

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**	32	6	106	138	176	799	54	102	69	43	158	***1224***	***460***	**1684**
38716	***39081***	**2026**	**2027**	35	6	112	150	191	827	58	103	72	43	161	***1273***	***484***	**1757**
39081	***39447***	**2027**	**2028**	37	6	118	157	201	858	59	104	74	43	164	***1318***	***502***	**1820**
39447	***39812***	**2028**	**2029**	39	6	124	162	208	888	68	105	76	43	167	***1366***	***519***	**1885**
39812	***40177***	**2029**	**2030**	41	6	129	166	214	917	69	106	77	43	169	***1405***	***533***	**1938**
40177	***40542***	**2030**	**2031**	44	6	137	170	219	957	75	108	79	43	177	***1463***	***550***	**2013**
40542	***40908***	**2031**	**2032**	46	6	142	174	224	989	76	110	80	43	186	***1511***	***564***	**2075**
40908	***41273***	**2032**	**2033**	48	6	152	184	234	1044	84	112	82	43	196	***1596***	***588***	**2184**
41273	***41638***	**2033**	**2034**	50	6	159	190	242	1083	86	114	84	43	203	***1652***	***609***	**2261**
41638	***42003***	**2034**	**2035**	53	6	165	195	249	1115	87	118	87	43	208	***1697***	***628***	**2325**
42003	***42369***	**2035**	**2036**	55	6	175	209	269	1177	100	121	92	44	225	***1809***	***665***	**2473**
42369	***42734***	**2036**	**2037**	57	6	187	216	286	1222	102	125	94	47	232	***1871***	***702***	**2573**
42734	***43099***	**2037**	**2038**	60	6	198	222	300	1260	103	129	96	50	237	***1923***	***737***	**2659**
43099	***43464***	**2038**	**2039**	64	6	209	226	311	1292	103	133	97	52	241	***1966***	***769***	**2735**
43464	***43830***	**2039**	**2040**	67	6	220	230	321	1320	104	137	99	54	245	***2003***	***799***	**2802**
43830	***44195***	**2040**	**2041**	71	6	229	234	330	1343	104	141	100	55	248	***2035***	***827***	**2862**
44195	***44560***	**2041**	**2042**	74	6	238	237	338	1364	104	146	102	57	251	***2064***	***853***	**2917**
44560	***44925***	**2042**	**2043**	78	6	247	240	345	1382	104	150	103	58	254	***2090***	***878***	**2968**
44925	***45291***	**2043**	**2044**	81	6	255	243	352	1399	105	155	104	58	256	***2113***	***901***	**3014**
45291	***45656***	**2044**	**2045**	84	6	263	246	358	1414	105	159	106	59	258	***2134***	***923***	**3058**
45656	***46021***	**2045**	**2046**	87	6	270	248	363	1427	105	164	107	60	261	***2154***	***944***	**3098**
46021	***46386***	**2046**	**2047**	90	6	277	251	369	1439	105	168	108	60	263	***2171***	***964***	**3135**
46386	***46752***	**2047**	**2048**	93	6	284	253	374	1451	105	172	109	61	264	***2188***	***983***	**3171**
46752	***47117***	**2048**	**2049**	95	6	290	255	378	1461	105	176	110	61	266	***2204***	***1001***	**3205**
47117	***47482***	**2049**	**2050**	98	6	296	257	382	1471	106	180	110	62	268	***2218***	***1018***	**3236**
47482	***47847***	**2050**	**2051**	101	6	302	259	386	1480	106	183	111	62	269	***2232***	***1035***	**3266**
47847	***48213***	**2051**	**2052**	103	6	308	261	390	1489	106	187	112	63	271	***2244***	***1051***	**3295**
48213	***48578***	**2052**	**2053**	106	6	313	262	394	1497	106	191	113	63	272	***2257***	***1066***	**3322**
48578	***48943***	**2053**	**2054**	108	6	318	264	397	1504	106	194	113	63	274	***2268***	***1080***	**3348**
48943	***49308***	**2054**	**2055**	111	6	323	266	400	1512	106	197	114	63	275	***2279***	***1094***	**3373**
49308	***49674***	**2055**	**2056**	113	6	328	267	403	1519	106	200	115	64	276	***2289***	***1108***	**3397**
49674	***50039***	**2056**	**2057**	115	7	332	269	406	1525	106	203	115	64	277	***2299***	***1121***	**3420**
50039	***50404***	**2057**	**2058**	118	7	336	270	409	1531	107	206	116	64	278	***2309***	***1133***	**3442**
50404	***50769***	**2058**	**2059**	120	7	340	272	411	1537	107	209	117	64	279	***2318***	***1145***	**3463**
50769	***51135***	**2059**	**2060**	122	7	344	273	414	1543	107	212	117	64	280	***2326***	***1156***	**3482**
51135	***51500***	**2060**	**2061**	124	7	348	274	416	1548	107	215	118	65	281	***2335***	***1167***	**3502**
51500	***51865***	**2061**	**2062**	126	7	352	275	418	1554	107	217	118	65	282	***2343***	***1178***	**3521**
51865	***52230***	**2062**	**2063**	128	7	355	277	421	1559	107	220	119	65	283	***2351***	***1188***	**3539**
52230	***52596***	**2063**	**2064**	130	7	358	278	423	1563	107	222	119	65	284	***2358***	***1198***	**3557**
52596	***52961***	**2064**	**2065**	132	7	361	279	425	1568	107	224	120	65	285	***2366***	***1208***	**3573**
52961	***53326***	**2065**	**2066**	134	7	364	280	427	1573	107	226	120	65	285	***2373***	***1217***	**3590**
53326	***53691***	**2066**	**2067**	136	7	367	281	428	1577	108	228	121	65	286	***2380***	***1226***	**3605**

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	138	7	370	282	430	1581	108	231	121	66	287	2386	1234	3621
54057	54422	2068	2069	140	7	373	283	432	1585	108	232	122	66	288	2393	1242	3635
54422	54787	2069	2070	141	7	375	284	433	1589	108	234	122	66	288	2399	1250	3649
54787	55152	2070	2071	143	7	378	285	435	1593	108	236	122	66	289	2405	1258	3663
55152	55518	2071	2072	145	7	380	286	436	1597	108	238	123	66	290	2411	1265	3675
55518	55883	2072	2073	146	8	382	287	437	1600	108	240	123	66	290	2416	1271	3688
55883	56248	2073	2074	148	8	384	288	439	1604	108	241	124	66	291	2422	1278	3700
56248	56613	2074	2075	149	8	386	289	440	1607	108	243	124	66	291	2427	1285	3712
56613	56979	2075	2076	151	8	388	289	441	1610	109	244	124	66	292	2432	1291	3723
56979	57344	2076	2077	152	8	390	290	442	1613	109	246	125	66	293	2437	1296	3734
57344	57709	2077	2078	154	8	392	291	443	1616	109	247	125	66	293	2442	1302	3744
57709	58074	2078	2079	155	8	394	292	444	1619	109	248	125	67	294	2447	1308	3755
58074	58440	2079	2080	156	8	395	293	445	1622	109	250	126	67	294	2452	1313	3765
58440	58805	2080	2081	158	8	397	293	446	1625	109	251	126	67	295	2456	1318	3774
58805	59170	2081	2082	159	8	398	294	447	1628	109	252	126	67	295	2461	1323	3784
59170	59535	2082	2083	160	8	400	295	448	1631	109	253	126	67	296	2465	1328	3793
59535	59901	2083	2084	161	8	401	295	449	1633	109	254	127	67	296	2469	1333	3802
59901	60266	2084	2085	163	8	402	296	450	1636	110	255	127	67	297	2473	1337	3810
60266	60631	2085	2086	164	9	404	297	450	1638	110	256	127	67	297	2477	1341	3819
60631	60996	2086	2087	165	9	405	297	451	1640	110	257	127	67	297	2481	1345	3826
60996	61362	2087	2088	166	9	406	298	452	1643	110	258	128	67	298	2485	1349	3834
61362	61727	2088	2089	167	9	407	299	452	1645	110	259	128	67	298	2489	1353	3842
61727	62092	2089	2090	168	9	408	299	453	1647	110	260	128	67	299	2492	1357	3849
62092	62457	2090	2091	169	9	409	300	454	1649	110	261	128	67	299	2496	1361	3856
62457	62823	2091	2092	170	9	410	300	454	1652	110	262	129	67	299	2499	1364	3863
62823	63188	2092	2093	171	9	411	301	455	1654	110	263	129	67	300	2503	1367	3870
63188	63553	2093	2094	172	9	412	302	455	1656	110	263	129	67	300	2506	1371	3877
63553	63918	2094	2095	173	9	413	302	456	1658	110	264	129	67	301	2509	1374	3883
63918	64284	2095	2096	174	9	414	303	456	1660	111	265	129	67	301	2513	1377	3889
64284	64649	2096	2097	175	9	415	303	457	1662	111	266	130	67	301	2516	1380	3896
64649	65014	2097	2098	176	10	416	304	457	1663	111	266	130	67	302	2519	1382	3901
65014	65379	2098	2099	177	10	416	304	458	1665	111	267	130	68	302	2522	1385	3907
65379	65745	2099	2100	178	10	417	305	458	1667	111	268	130	68	302	2525	1388	3913
65745	66110	2100	2101	179	10	418	305	459	1669	111	268	130	68	303	2527	1390	3918
66110	66475	2101	2102	179	10	418	305	459	1670	111	269	131	68	303	2530	1393	3923
66475	66840	2102	2103	180	10	419	306	459	1672	111	269	131	68	303	2533	1395	3928
66840	67206	2103	2104	181	10	420	306	460	1673	111	270	131	68	303	2535	1397	3932
67206	67571	2104	2105	181	10	420	307	460	1675	111	270	131	68	304	2538	1399	3937
67571	67936	2105	2106	182	10	421	307	460	1676	111	271	131	68	304	2540	1401	3941
67936	68301	2106	2107	183	10	421	308	460	1677	112	271	131	68	304	2542	1403	3946
68301	68667	2107	2108	183	10	422	308	461	1679	112	272	131	68	305	2544	1405	3950
68667	69032	2108	2109	184	10	422	308	461	1680	112	272	132	68	305	2547	1407	3954
69032	69397	2109	2110	184	10	422	308	461	1680	112	272	132	68	305	2547	1407	3954

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	0.0	0.7	0.4	0.3	0.4	2.0	1.4	3.4
3652	7305	1930	1940	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	2.0	1.4	3.4
7305	14610	1940	1960	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	2.0	1.4	3.4
14610	18263	1960	1970	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	2.0	1.4	3.4
18263	21915	1970	1980	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	2.0	1.4	3.4
21915	24837	1980	1988	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	2.0	1.4	3.4
24837	25202	1988	1989	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	2.0	1.4	3.4
25202	25567	1989	1990	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	2.0	1.4	3.4
25567	25932	1990	1991	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	2.0	1.4	3.4
25932	26298	1991	1992	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	2.0	1.4	3.4
26298	26663	1992	1993	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	2.0	1.4	3.4
26663	27028	1993	1994	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	2.0	1.4	3.4
27028	27393	1994	1995	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	2.0	1.4	3.4
27393	27759	1995	1996	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	2.0	1.4	3.4
27759	28124	1996	1997	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	2.0	1.4	3.4
28124	28489	1997	1998	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	2.0	1.4	3.4
28489	28854	1998	1999	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	2.0	1.4	3.4
28854	29220	1999	2000	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	2.0	1.4	3.4
29220	29585	2000	2001	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	2.0	1.4	3.4
29585	29950	2001	2002	0.0	0.0	0.2	0.2	0.6	2.1	0.4	0.7	0.5	0.3	0.6	3.8	1.8	5.6
29950	30315	2002	2003	0.0	0.0	0.3	0.2	0.9	2.4	0.5	0.7	0.5	0.3	0.6	4.3	2.3	6.6
30315	30681	2003	2004	0.0	0.0	0.5	0.3	1.0	2.5	0.5	0.7	0.5	0.3	0.6	4.5	2.6	7.0
30681	31046	2004	2005	0.0	0.0	0.6	0.3	1.1	2.6	0.5	0.7	0.5	0.3	0.6	4.5	2.7	7.2
31046	31411	2005	2006	0.1	0.0	0.6	0.3	1.1	2.6	0.5	0.7	0.5	0.3	0.6	4.5	2.8	7.3
31411	31776	2006	2007	0.1	0.0	0.6	0.3	1.1	2.5	0.5	0.7	0.5	0.3	0.6	4.4	2.8	7.2
31776	32142	2007	2008	0.1	0.0	0.6	0.3	1.1	2.4	0.4	0.7	0.5	0.3	0.6	4.3	2.8	7.1
32142	32507	2008	2009	0.1	0.0	0.6	0.3	1.0	2.3	0.4	0.7	0.5	0.3	0.6	4.1	2.8	6.8
32507	32872	2009	2010	0.1	0.0	0.6	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.7	6.7
32872	33237	2010	2011	0.1	0.0	0.6	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	4.0	2.7	6.7
33237	33603	2011	2012	0.1	0.0	0.6	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	3.9	2.7	6.6
33603	33968	2012	2013	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	3.9	2.7	6.6
33968	34333	2013	2014	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	3.9	2.7	6.6
34333	34698	2014	2015	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	3.9	2.7	6.6
34698	35064	2015	2016	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.7	6.7
35064	35429	2016	2017	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.7	6.7
35429	35794	2017	2018	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.7	6.7
35794	36159	2018	2019	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.7	6.7
36159	36525	2019	2020	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.7	6.7
36525	36890	2020	2021	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.7	6.7
36890	37255	2021	2022	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.7
37255	37620	2022	2023	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.7
37620	37986	2023	2024	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	4.0	2.8	6.7
37986	38351	2024	2025	0.1	0.0	0.7	0.3	1.1	2.3	0.4	0.7	0.5	0.3	0.8	4.3	3.0	7.2

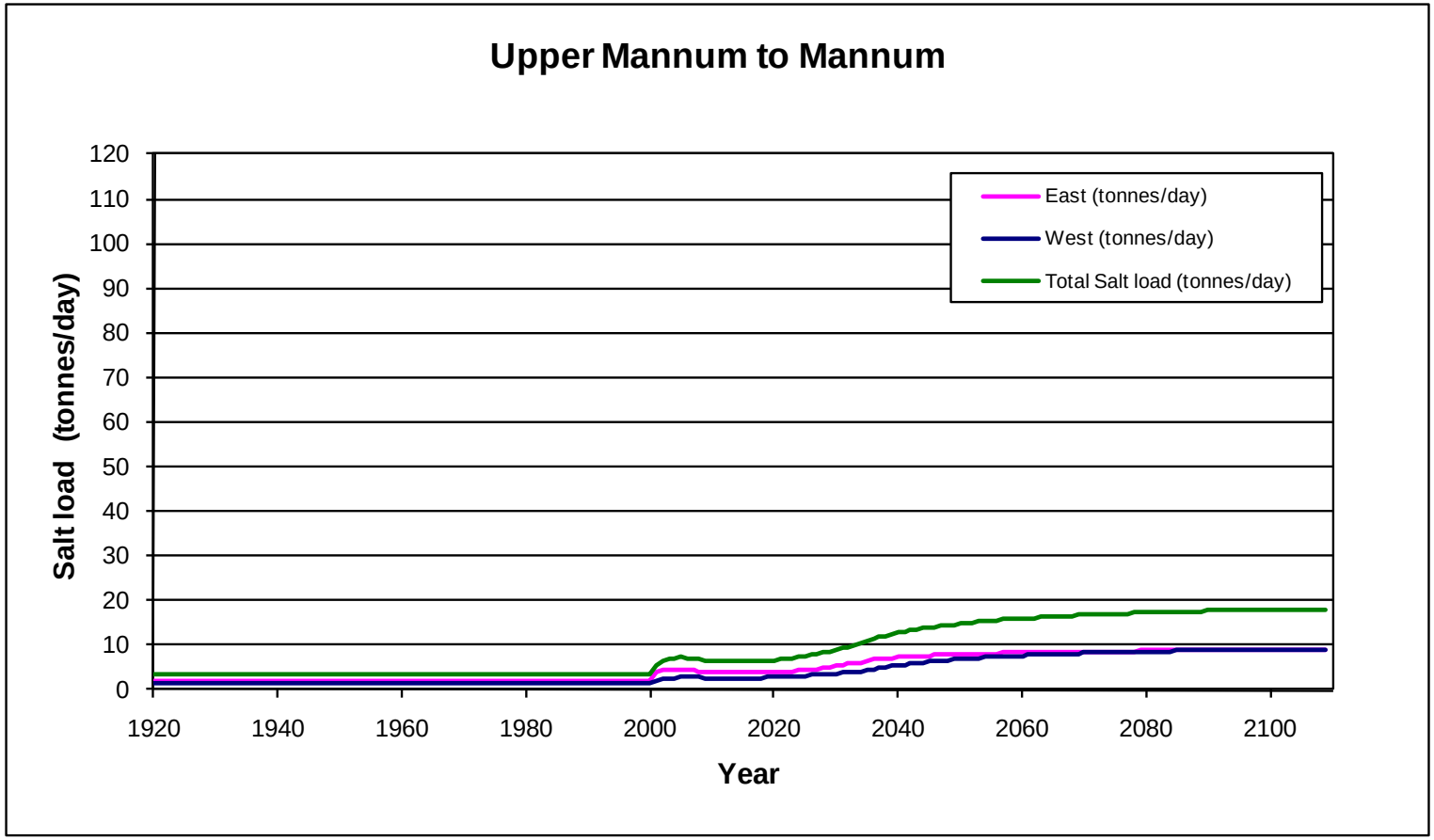
B-4(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 4)

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	0.1	0.0	0.7	0.3	1.2	2.4	0.4	0.7	0.5	0.3	0.8	4.4	3.1	7.5
38716	39081	2026	2027	0.1	0.0	0.8	0.3	1.3	2.5	0.4	0.7	0.6	0.3	0.8	4.6	3.3	7.9
39081	39447	2027	2028	0.1	0.0	0.8	0.3	1.4	2.6	0.4	0.7	0.6	0.3	0.8	4.7	3.4	8.1
39447	39812	2028	2029	0.1	0.0	0.9	0.3	1.5	2.7	0.5	0.7	0.6	0.3	0.8	4.9	3.5	8.4
39812	40177	2029	2030	0.1	0.0	0.9	0.3	1.5	2.8	0.5	0.7	0.6	0.3	0.8	5.0	3.6	8.6
40177	40542	2030	2031	0.1	0.0	1.0	0.3	1.5	2.9	0.5	0.8	0.6	0.3	0.9	5.3	3.7	9.0
40542	40908	2031	2032	0.1	0.0	1.0	0.3	1.6	3.0	0.5	0.8	0.6	0.3	0.9	5.4	3.8	9.2
40908	41273	2032	2033	0.1	0.0	1.1	0.4	1.6	3.1	0.6	0.8	0.7	0.3	1.0	5.7	3.9	9.7
41273	41638	2033	2034	0.1	0.0	1.1	0.4	1.7	3.2	0.6	0.8	0.7	0.3	1.0	5.9	4.1	10.0
41638	42003	2034	2035	0.1	0.0	1.2	0.4	1.7	3.3	0.6	0.8	0.7	0.3	1.0	6.1	4.2	10.3
42003	42369	2035	2036	0.1	0.0	1.2	0.4	1.9	3.5	0.7	0.8	0.7	0.4	1.1	6.5	4.4	11.0
42369	42734	2036	2037	0.1	0.0	1.3	0.4	2.0	3.7	0.7	0.9	0.8	0.4	1.2	6.7	4.7	11.4
42734	43099	2037	2038	0.2	0.0	1.4	0.4	2.1	3.8	0.7	0.9	0.8	0.4	1.2	6.9	4.9	11.8
43099	43464	2038	2039	0.2	0.0	1.5	0.5	2.2	3.9	0.7	0.9	0.8	0.4	1.2	7.1	5.1	12.2
43464	43830	2039	2040	0.2	0.0	1.5	0.5	2.2	4.0	0.7	1.0	0.8	0.4	1.2	7.2	5.3	12.5
43830	44195	2040	2041	0.2	0.0	1.6	0.5	2.3	4.0	0.7	1.0	0.8	0.4	1.2	7.3	5.5	12.8
44195	44560	2041	2042	0.2	0.0	1.7	0.5	2.4	4.1	0.7	1.0	0.8	0.5	1.3	7.4	5.7	13.1
44560	44925	2042	2043	0.2	0.0	1.7	0.5	2.4	4.1	0.7	1.1	0.8	0.5	1.3	7.5	5.9	13.3
44925	45291	2043	2044	0.2	0.0	1.8	0.5	2.5	4.2	0.7	1.1	0.8	0.5	1.3	7.5	6.0	13.6
45291	45656	2044	2045	0.2	0.0	1.8	0.5	2.5	4.2	0.7	1.1	0.8	0.5	1.3	7.6	6.1	13.8
45656	46021	2045	2046	0.2	0.0	1.9	0.5	2.5	4.3	0.7	1.1	0.9	0.5	1.3	7.7	6.3	14.0
46021	46386	2046	2047	0.2	0.0	1.9	0.5	2.6	4.3	0.7	1.2	0.9	0.5	1.3	7.7	6.4	14.1
46386	46752	2047	2048	0.2	0.0	2.0	0.5	2.6	4.4	0.7	1.2	0.9	0.5	1.3	7.8	6.5	14.3
46752	47117	2048	2049	0.2	0.0	2.0	0.5	2.6	4.4	0.7	1.2	0.9	0.5	1.3	7.9	6.6	14.5
47117	47482	2049	2050	0.2	0.0	2.1	0.5	2.7	4.4	0.7	1.3	0.9	0.5	1.3	7.9	6.7	14.7
47482	47847	2050	2051	0.3	0.0	2.1	0.5	2.7	4.4	0.7	1.3	0.9	0.5	1.3	8.0	6.9	14.8
47847	48213	2051	2052	0.3	0.0	2.2	0.5	2.7	4.5	0.7	1.3	0.9	0.5	1.4	8.0	7.0	14.9
48213	48578	2052	2053	0.3	0.0	2.2	0.5	2.8	4.5	0.7	1.3	0.9	0.5	1.4	8.0	7.0	15.1
48578	48943	2053	2054	0.3	0.0	2.2	0.5	2.8	4.5	0.7	1.4	0.9	0.5	1.4	8.1	7.1	15.2
48943	49308	2054	2055	0.3	0.0	2.3	0.5	2.8	4.5	0.7	1.4	0.9	0.5	1.4	8.1	7.2	15.3
49308	49674	2055	2056	0.3	0.0	2.3	0.5	2.8	4.6	0.7	1.4	0.9	0.5	1.4	8.2	7.3	15.5
49674	50039	2056	2057	0.3	0.0	2.3	0.5	2.8	4.6	0.7	1.4	0.9	0.5	1.4	8.2	7.4	15.6
50039	50404	2057	2058	0.3	0.0	2.4	0.5	2.9	4.6	0.7	1.4	0.9	0.5	1.4	8.2	7.5	15.7
50404	50769	2058	2059	0.3	0.0	2.4	0.5	2.9	4.6	0.7	1.5	0.9	0.5	1.4	8.2	7.5	15.8
50769	51135	2059	2060	0.3	0.0	2.4	0.5	2.9	4.6	0.7	1.5	0.9	0.5	1.4	8.3	7.6	15.9
51135	51500	2060	2061	0.3	0.0	2.4	0.5	2.9	4.6	0.7	1.5	0.9	0.5	1.4	8.3	7.7	16.0
51500	51865	2061	2062	0.3	0.0	2.5	0.6	2.9	4.7	0.7	1.5	0.9	0.5	1.4	8.3	7.7	16.1
51865	52230	2062	2063	0.3	0.0	2.5	0.6	2.9	4.7	0.7	1.5	0.9	0.5	1.4	8.4	7.8	16.2
52230	52596	2063	2064	0.3	0.0	2.5	0.6	3.0	4.7	0.8	1.6	1.0	0.5	1.4	8.4	7.9	16.3
52596	52961	2064	2065	0.3	0.0	2.5	0.6	3.0	4.7	0.8	1.6	1.0	0.5	1.4	8.4	7.9	16.3
52961	53326	2065	2066	0.3	0.0	2.6	0.6	3.0	4.7	0.8	1.6	1.0	0.5	1.4	8.4	8.0	16.4
53326	53691	2066	2067	0.3	0.0	2.6	0.6	3.0	4.7	0.8	1.6	1.0	0.5	1.4	8.5	8.0	16.5

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)
53691	54057	2067	2068	0.3	0.0	2.6	0.6	3.0	4.7	0.8	1.6	1.0	0.5	1.4	8.5	8.1	16.6
54057	54422	2068	2069	0.3	0.0	2.6	0.6	3.0	4.8	0.8	1.6	1.0	0.5	1.4	8.5	8.1	16.6
54422	54787	2069	2070	0.4	0.0	2.6	0.6	3.0	4.8	0.8	1.6	1.0	0.5	1.4	8.5	8.2	16.7
54787	55152	2070	2071	0.4	0.0	2.6	0.6	3.0	4.8	0.8	1.7	1.0	0.5	1.4	8.6	8.2	16.8
55152	55518	2071	2072	0.4	0.0	2.7	0.6	3.1	4.8	0.8	1.7	1.0	0.5	1.4	8.6	8.3	16.8
55518	55883	2072	2073	0.4	0.0	2.7	0.6	3.1	4.8	0.8	1.7	1.0	0.5	1.5	8.6	8.3	16.9
55883	56248	2073	2074	0.4	0.0	2.7	0.6	3.1	4.8	0.8	1.7	1.0	0.5	1.5	8.6	8.3	17.0
56248	56613	2074	2075	0.4	0.0	2.7	0.6	3.1	4.8	0.8	1.7	1.0	0.5	1.5	8.6	8.4	17.0
56613	56979	2075	2076	0.4	0.0	2.7	0.6	3.1	4.8	0.8	1.7	1.0	0.5	1.5	8.6	8.4	17.1
56979	57344	2076	2077	0.4	0.0	2.7	0.6	3.1	4.8	0.8	1.7	1.0	0.5	1.5	8.7	8.5	17.1
57344	57709	2077	2078	0.4	0.0	2.7	0.6	3.1	4.8	0.8	1.7	1.0	0.5	1.5	8.7	8.5	17.2
57709	58074	2078	2079	0.4	0.0	2.8	0.6	3.1	4.9	0.8	1.7	1.0	0.5	1.5	8.7	8.5	17.2
58074	58440	2079	2080	0.4	0.0	2.8	0.6	3.1	4.9	0.8	1.7	1.0	0.5	1.5	8.7	8.6	17.3
58440	58805	2080	2081	0.4	0.0	2.8	0.6	3.1	4.9	0.8	1.8	1.0	0.5	1.5	8.7	8.6	17.3
58805	59170	2081	2082	0.4	0.0	2.8	0.6	3.1	4.9	0.8	1.8	1.0	0.5	1.5	8.7	8.6	17.4
59170	59535	2082	2083	0.4	0.0	2.8	0.6	3.1	4.9	0.8	1.8	1.0	0.5	1.5	8.8	8.6	17.4
59535	59901	2083	2084	0.4	0.0	2.8	0.6	3.1	4.9	0.8	1.8	1.0	0.5	1.5	8.8	8.7	17.4
59901	60266	2084	2085	0.4	0.0	2.8	0.6	3.1	4.9	0.8	1.8	1.0	0.5	1.5	8.8	8.7	17.5
60266	60631	2085	2086	0.4	0.0	2.8	0.6	3.2	4.9	0.8	1.8	1.0	0.5	1.5	8.8	8.7	17.5
60631	60996	2086	2087	0.4	0.0	2.8	0.6	3.2	4.9	0.8	1.8	1.0	0.5	1.5	8.8	8.7	17.6
60996	61362	2087	2088	0.4	0.0	2.8	0.6	3.2	4.9	0.8	1.8	1.0	0.5	1.5	8.8	8.8	17.6
61362	61727	2088	2089	0.4	0.0	2.9	0.6	3.2	4.9	0.8	1.8	1.0	0.5	1.5	8.8	8.8	17.6
61727	62092	2089	2090	0.4	0.0	2.9	0.6	3.2	4.9	0.8	1.8	1.0	0.5	1.5	8.9	8.8	17.7
62092	62457	2090	2091	0.4	0.0	2.9	0.6	3.2	4.9	0.8	1.8	1.0	0.5	1.5	8.9	8.8	17.7
62457	62823	2091	2092	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.8	1.0	0.5	1.5	8.9	8.8	17.7
62823	63188	2092	2093	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.8	1.0	0.5	1.5	8.9	8.9	17.8
63188	63553	2093	2094	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.8	1.0	0.5	1.5	8.9	8.9	17.8
63553	63918	2094	2095	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.8	1.0	0.5	1.5	8.9	8.9	17.8
63918	64284	2095	2096	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.0	0.5	1.5	8.9	8.9	17.8
64284	64649	2096	2097	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.0	0.5	1.5	8.9	8.9	17.9
64649	65014	2097	2098	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.0	0.5	1.5	8.9	9.0	17.9
65014	65379	2098	2099	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.0	0.5	1.5	9.0	9.0	17.9
65379	65745	2099	2100	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.0	0.5	1.5	9.0	9.0	18.0
65745	66110	2100	2101	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.0	0.5	1.5	9.0	9.0	18.0
66110	66475	2101	2102	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.0	0.5	1.5	9.0	9.0	18.0
66475	66840	2102	2103	0.5	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.0	0.5	1.5	9.0	9.0	18.0
66840	67206	2103	2104	0.5	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.0	0.5	1.5	9.0	9.0	18.0
67206	67571	2104	2105	0.5	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.0	0.5	1.5	9.0	9.0	18.1
67571	67936	2105	2106	0.5	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.0	0.5	1.5	9.0	9.1	18.1
67936	68301	2106	2107	0.5	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.1	0.5	1.5	9.0	9.1	18.1
68301	68667	2107	2108	0.5	0.0	3.0	0.6	3.2	5.0	0.8	1.9	1.1	0.5	1.5	9.0	9.1	18.1
68667	69032	2108	2109	0.5	0.0	3.0	0.6	3.2	5.0	0.8	1.9	1.1	0.5	1.5	9.0	9.1	18.1
69032	69397	2109	2110	0.5	0.0	3.0	0.6	3.2	5.0	0.8	1.9	1.1	0.5	1.5	9.0	9.1	18.1
	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*	10	6	1	101	44	312	3	99	53	42	85	***561***	***196***	**757**
3652	*7305*	*1930*	*1940*	10	6	1	101	44	312	3	99	53	42	85	***561***	***196***	**757**
7305	*14610*	*1940*	*1960*	10	6	1	101	44	312	3	99	53	42	85	***561***	***196***	**757**
14610	*18263*	*1960*	*1970*	10	6	1	101	44	312	3	99	54	42	85	***562***	***196***	**758**
18263	*21915*	*1970*	*1980*	10	6	1	101	44	312	3	99	54	42	85	***562***	***196***	**758**
21915	*24837*	*1980*	*1988*	10	6	1	101	44	311	3	99	55	42	85	***562***	***196***	**758**
24837	*25202*	*1988*	*1989*	10	6	1	101	44	311	3	99	55	42	85	***562***	***196***	**758**
25202	*25567*	*1989*	*1990*	10	6	1	101	44	311	3	99	55	42	85	***562***	***196***	**758**
25567	*25932*	*1990*	*1991*	10	6	1	101	44	311	3	99	55	42	85	***562***	***196***	**758**
25932	*26298*	*1991*	*1992*	10	6	1	101	44	311	3	99	55	42	85	***563***	***196***	**758**
26298	*26663*	*1992*	*1993*	10	6	1	101	44	311	3	99	55	42	85	***563***	***196***	**758**
26663	*27028*	*1993*	*1994*	10	6	1	101	44	311	3	99	55	42	85	***563***	***196***	**758**
27028	*27393*	*1994*	*1995*	10	6	1	101	44	311	3	99	55	42	85	***563***	***196***	**758**
27393	*27759*	*1995*	*1996*	10	6	1	101	44	311	3	99	55	42	85	***563***	***196***	**759**
27759	*28124*	*1996*	*1997*	10	6	1	101	44	311	3	99	55	42	85	***563***	***196***	**759**
28124	*28489*	*1997*	*1998*	10	6	1	101	44	311	3	99	55	42	85	***563***	***196***	**759**
28489	*28854*	*1998*	*1999*	10	6	1	101	44	311	3	99	55	42	85	***563***	***196***	**759**
28854	*29220*	*1999*	*2000*	10	6	1	101	44	311	3	99	55	42	85	***563***	***196***	**759**
29220	*29585*	*2000*	*2001*	10	6	1	101	44	311	3	99	55	42	85	***563***	***196***	**759**
29585	*29950*	*2001*	*2002*	10	6	24	117	85	684	62	99	57	42	113	***1039***	***260***	**1299**
29950	*30315*	*2002*	*2003*	13	6	49	123	125	805	74	98	59	42	124	***1192***	***327***	**1519**
30315	*30681*	*2003*	*2004*	17	6	68	127	145	849	76	98	60	42	129	***1246***	***369***	**1615**
30681	*31046*	*2004*	*2005*	20	6	80	129	155	858	75	98	60	41	130	***1258***	***394***	**1652**
31046	*31411*	*2005*	*2006*	22	6	87	130	159	851	71	98	61	41	130	***1249***	***407***	**1656**
31411	*31776*	*2006*	*2007*	23	6	91	131	159	834	67	98	61	41	129	***1228***	***412***	**1641**
31776	*32142*	*2007*	*2008*	24	6	92	131	157	811	62	98	61	41	127	***1200***	***413***	**1612**
32142	*32507*	*2008*	*2009*	25	6	91	130	150	764	54	98	62	41	124	***1139***	***405***	**1544**
32507	*32872*	*2009*	*2010*	25	6	89	130	145	747	51	98	62	41	123	***1118***	***399***	**1517**
32872	*33237*	*2010*	*2011*	26	6	89	130	143	739	51	99	62	41	122	***1110***	***397***	**1506**
33237	*33603*	*2011*	*2012*	26	6	88	130	142	736	50	99	63	41	122	***1106***	***396***	**1502**
33603	*33968*	*2012*	*2013*	26	6	88	130	141	734	50	99	63	41	122	***1105***	***396***	**1501**
33968	*34333*	*2013*	*2014*	26	6	89	130	141	734	50	99	63	41	122	***1105***	***396***	**1501**
34333	*34698*	*2014*	*2015*	27	6	89	130	141	734	50	99	64	41	122	***1105***	***397***	**1503**
34698	*35064*	*2015*	*2016*	27	6	89	131	142	734	50	99	64	41	122	***1106***	***398***	**1504**
35064	*35429*	*2016*	*2017*	27	6	90	131	142	734	50	100	64	41	122	***1107***	***399***	**1506**
35429	*35794*	*2017*	*2018*	27	6	90	131	142	734	50	100	64	41	122	***1108***	***401***	**1509**
35794	*36159*	*2018*	*2019*	28	6	91	131	142	735	50	100	65	41	122	***1109***	***402***	**1511**
36159	*36525*	*2019*	*2020*	28	6	92	131	143	735	50	100	65	41	123	***1110***	***403***	**1513**
36525	*36890*	*2020*	*2021*	28	6	92	132	143	736	50	100	65	41	123	***1111***	***404***	**1515**
36890	*37255*	*2021*	*2022*	28	6	92	132	143	736	50	101	65	41	123	***1112***	***405***	**1517**
37255	*37620*	*2022*	*2023*	28	6	93	132	144	736	50	101	65	41	123	***1112***	***406***	**1518**
37620	*37986*	*2023*	*2024*	28	6	93	132	144	737	50	101	66	41	123	***1113***	***407***	**1520**
37986	*38351*	*2024*	*2025*	30	6	100	136	162	775	53	101	67	42	153	***1191***	***435***	**1626**

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**	32	6	106	138	176	799	54	102	69	43	158	***1224***	***460***	**1684**
38716	***39081***	**2026**	**2027**	35	6	112	150	191	827	58	103	72	43	161	***1273***	***484***	**1757**
39081	***39447***	**2027**	**2028**	37	6	118	157	201	858	59	104	74	43	164	***1318***	***502***	**1820**
39447	***39812***	**2028**	**2029**	39	6	124	162	208	888	68	105	76	43	167	***1366***	***519***	**1885**
39812	***40177***	**2029**	**2030**	41	6	129	166	214	917	69	106	77	43	169	***1405***	***533***	**1938**
40177	***40542***	**2030**	**2031**	44	6	137	170	219	957	75	108	79	43	177	***1463***	***550***	**2013**
40542	***40908***	**2031**	**2032**	46	6	142	174	224	989	76	110	80	43	186	***1511***	***564***	**2075**
40908	***41273***	**2032**	**2033**	48	6	152	184	234	1044	84	112	82	43	196	***1596***	***588***	**2184**
41273	***41638***	**2033**	**2034**	50	6	159	190	242	1083	86	114	84	43	203	***1652***	***609***	**2261**
41638	***42003***	**2034**	**2035**	53	6	165	195	249	1115	87	118	87	43	208	***1697***	***628***	**2325**
42003	***42369***	**2035**	**2036**	55	6	175	209	269	1177	100	121	92	44	225	***1809***	***665***	**2473**
42369	***42734***	**2036**	**2037**	57	6	187	216	286	1222	102	125	94	47	232	***1871***	***702***	**2573**
42734	***43099***	**2037**	**2038**	60	6	198	222	300	1260	103	129	96	50	237	***1923***	***737***	**2659**
43099	***43464***	**2038**	**2039**	64	6	209	226	311	1292	103	133	97	52	241	***1966***	***769***	**2735**
43464	***43830***	**2039**	**2040**	67	6	220	230	321	1320	104	137	99	54	245	***2003***	***799***	**2802**
43830	***44195***	**2040**	**2041**	71	6	229	234	330	1343	104	141	100	55	248	***2035***	***827***	**2862**
44195	***44560***	**2041**	**2042**	74	6	238	237	338	1364	104	146	102	57	251	***2064***	***853***	**2917**
44560	***44925***	**2042**	**2043**	78	6	247	240	345	1382	104	150	103	58	254	***2090***	***878***	**2968**
44925	***45291***	**2043**	**2044**	81	6	255	243	352	1399	105	155	104	58	256	***2113***	***901***	**3014**
45291	***45656***	**2044**	**2045**	84	6	263	246	358	1414	105	159	106	59	258	***2134***	***923***	**3058**
45656	***46021***	**2045**	**2046**	87	6	270	248	363	1427	105	164	107	60	261	***2154***	***944***	**3098**
46021	***46386***	**2046**	**2047**	90	6	277	251	369	1439	105	168	108	60	263	***2171***	***964***	**3135**
46386	***46752***	**2047**	**2048**	93	6	284	253	374	1451	105	172	109	61	264	***2188***	***983***	**3171**
46752	***47117***	**2048**	**2049**	95	6	290	255	378	1461	105	176	110	61	266	***2204***	***1001***	**3205**
47117	***47482***	**2049**	**2050**	98	6	296	257	382	1471	106	180	110	62	268	***2218***	***1018***	**3236**
47482	***47847***	**2050**	**2051**	101	6	302	259	386	1480	106	183	111	62	269	***2232***	***1035***	**3266**
47847	***48213***	**2051**	**2052**	103	6	308	261	390	1489	106	187	112	63	271	***2244***	***1051***	**3295**
48213	***48578***	**2052**	**2053**	106	6	313	262	394	1497	106	191	113	63	272	***2257***	***1066***	**3322**
48578	***48943***	**2053**	**2054**	108	6	318	264	397	1504	106	194	113	63	274	***2268***	***1080***	**3348**
48943	***49308***	**2054**	**2055**	111	6	323	266	400	1512	106	197	114	63	275	***2279***	***1094***	**3373**
49308	***49674***	**2055**	**2056**	113	6	328	267	403	1519	106	200	115	64	276	***2289***	***1108***	**3397**
49674	***50039***	**2056**	**2057**	115	7	332	269	406	1525	106	203	115	64	277	***2299***	***1121***	**3420**
50039	***50404***	**2057**	**2058**	118	7	336	270	409	1531	107	206	116	64	278	***2309***	***1133***	**3442**
50404	***50769***	**2058**	**2059**	120	7	340	272	411	1537	107	209	117	64	279	***2318***	***1145***	**3463**
50769	***51135***	**2059**	**2060**	122	7	344	273	414	1543	107	212	117	64	280	***2326***	***1156***	**3483**
51135	***51500***	**2060**	**2061**	124	7	348	274	416	1548	107	215	118	65	281	***2335***	***1167***	**3502**
51500	***51865***	**2061**	**2062**	126	7	352	275	418	1554	107	217	118	65	282	***2343***	***1178***	**3521**
51865	***52230***	**2062**	**2063**	128	7	355	277	421	1559	107	219	119	65	283	***2351***	***1188***	**3539**
52230	***52596***	**2063**	**2064**	130	7	358	278	423	1563	107	222	119	65	284	***2358***	***1198***	**3556**
52596	***52961***	**2064**	**2065**	132	7	361	279	425	1568	107	224	120	65	285	***2365***	***1207***	**3572**
52961	***53326***	**2065**	**2066**	134	7	364	280	426	1572	107	226	120	65	285	***2372***	***1216***	**3588**
53326	***53691***	**2066**	**2067**	136	7	367	281	428	1577	108	228	121	65	286	***2379***	***1225***	**3604**

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	138	7	370	282	430	1581	108	230	121	66	287	2386	1233	3619
54057	54422	2068	2069	140	7	372	283	432	1585	108	232	121	66	288	2392	1242	3634
54422	54787	2069	2070	141	7	375	284	433	1589	108	234	122	66	288	2398	1249	3648
54787	55152	2070	2071	143	7	377	285	435	1593	108	236	122	66	289	2404	1257	3661
55152	55518	2071	2072	144	7	380	286	436	1596	108	238	123	66	290	2410	1264	3673
55518	55883	2072	2073	146	7	382	287	437	1600	108	239	123	66	290	2415	1270	3685
55883	56248	2073	2074	147	8	384	288	438	1603	108	241	123	66	291	2421	1277	3697
56248	56613	2074	2075	149	8	386	288	440	1606	108	242	124	66	291	2426	1283	3709
56613	56979	2075	2076	150	8	388	289	441	1610	109	244	124	66	292	2431	1289	3721
56979	57344	2076	2077	152	8	390	290	442	1613	109	245	125	66	292	2436	1296	3732
57344	57709	2077	2078	153	8	392	291	443	1616	109	247	125	66	293	2442	1302	3743
57709	58074	2078	2079	155	8	393	292	444	1619	109	248	125	67	294	2446	1307	3754
58074	58440	2079	2080	156	8	395	293	445	1622	109	249	126	67	294	2451	1313	3764
58440	58805	2080	2081	158	8	397	293	446	1625	109	251	126	67	295	2456	1318	3774
58805	59170	2081	2082	159	8	398	294	447	1628	109	252	126	67	295	2461	1323	3784
59170	59535	2082	2083	160	8	400	295	448	1631	109	253	126	67	296	2465	1328	3793
59535	59901	2083	2084	161	8	401	295	449	1633	109	254	127	67	296	2469	1333	3802
59901	60266	2084	2085	163	8	402	296	450	1636	110	255	127	67	297	2473	1337	3810
60266	60631	2085	2086	164	9	404	297	450	1638	110	256	127	67	297	2477	1341	3819
60631	60996	2086	2087	165	9	405	297	451	1640	110	257	127	67	297	2481	1345	3826
60996	61362	2087	2088	166	9	406	298	452	1643	110	258	128	67	298	2484	1349	3833
61362	61727	2088	2089	167	9	407	299	452	1645	110	259	128	67	298	2488	1353	3841
61727	62092	2089	2090	168	9	408	299	453	1647	110	260	128	67	299	2492	1357	3849
62092	62457	2090	2091	169	9	409	300	454	1649	110	261	128	67	299	2496	1360	3856
62457	62823	2091	2092	170	9	410	300	454	1651	110	262	129	67	299	2498	1363	3862
62823	63188	2092	2093	171	9	411	301	455	1653	110	262	129	67	300	2501	1366	3867
63188	63553	2093	2094	172	9	412	301	455	1655	110	263	129	67	300	2504	1369	3873
63553	63918	2094	2095	173	9	413	302	456	1656	110	264	129	67	300	2507	1372	3879
63918	64284	2095	2096	173	9	413	302	456	1658	111	264	129	67	301	2510	1374	3884
64284	64649	2096	2097	174	9	414	303	456	1660	111	265	129	67	301	2512	1377	3889
64649	65014	2097	2098	175	9	415	303	457	1661	111	265	130	67	301	2515	1379	3894
65014	65379	2098	2099	176	10	415	303	457	1663	111	266	130	67	302	2518	1382	3900
65379	65745	2099	2100	177	10	416	304	458	1664	111	267	130	68	302	2521	1384	3905
65745	66110	2100	2101	177	10	417	304	458	1666	111	267	130	68	302	2523	1387	3910
66110	66475	2101	2102	178	10	417	305	458	1668	111	268	130	68	302	2526	1389	3915
66475	66840	2102	2103	179	10	418	305	459	1669	111	268	130	68	303	2529	1392	3921
66840	67206	2103	2104	180	10	419	306	459	1671	111	269	131	68	303	2532	1394	3926
67206	67571	2104	2105	181	10	419	306	459	1673	111	269	131	68	303	2534	1397	3931
67571	67936	2105	2106	181	10	420	307	460	1674	111	270	131	68	304	2537	1399	3936
67936	68301	2106	2107	182	10	421	307	460	1676	111	271	131	68	304	2540	1401	3941
68301	68667	2107	2108	183	10	421	308	460	1677	112	271	131	68	304	2542	1403	3945
68667	69032	2108	2109	184	10	422	308	461	1679	112	272	131	68	305	2545	1405	3950
69032	69397	2109	2110	184	10	422	308	461	1679	112	272	131	68	305	2545	1405	3950

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	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
3652	*7305*	1930	1940	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
7305	*14610*	1940	1960	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
14610	*18263*	1960	1970	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
18263	*21915*	1970	1980	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
21915	*24837*	1980	1988	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
24837	*25202*	1988	1989	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
25202	*25567*	1989	1990	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
25567	*25932*	1990	1991	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
25932	*26298*	1991	1992	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
26298	*26663*	1992	1993	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
26663	*27028*	1993	1994	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
27028	*27393*	1994	1995	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
27393	*27759*	1995	1996	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
27759	*28124*	1996	1997	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
28124	*28489*	1997	1998	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
28489	*28854*	1998	1999	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
28854	*29220*	1999	2000	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
29220	*29585*	2000	2001	0.0	0.0	0.0	0.2	0.3	0.9	0.0	0.7	0.4	0.3	0.4	***2.0***	***1.4***	3.4
29585	*29950*	2001	2002	0.0	0.0	0.2	0.2	0.6	2.1	0.4	0.7	0.5	0.3	0.6	***3.8***	***1.8***	5.6
29950	*30315*	2002	2003	0.0	0.0	0.3	0.2	0.9	2.4	0.5	0.7	0.5	0.3	0.6	***4.3***	***2.3***	6.6
30315	*30681*	2003	2004	0.0	0.0	0.5	0.3	1.0	2.5	0.5	0.7	0.5	0.3	0.6	***4.5***	***2.6***	7.0
30681	*31046*	2004	2005	0.0	0.0	0.6	0.3	1.1	2.6	0.5	0.7	0.5	0.3	0.6	***4.5***	***2.7***	7.2
31046	*31411*	2005	2006	0.1	0.0	0.6	0.3	1.1	2.6	0.5	0.7	0.5	0.3	0.6	***4.5***	***2.8***	7.3
31411	*31776*	2006	2007	0.1	0.0	0.6	0.3	1.1	2.5	0.5	0.7	0.5	0.3	0.6	***4.4***	***2.8***	7.2
31776	*32142*	2007	2008	0.1	0.0	0.6	0.3	1.1	2.4	0.4	0.7	0.5	0.3	0.6	***4.3***	***2.8***	7.1
32142	*32507*	2008	2009	0.1	0.0	0.6	0.3	1.0	2.3	0.4	0.7	0.5	0.3	0.6	***4.1***	***2.8***	6.8
32507	*32872*	2009	2010	0.1	0.0	0.6	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
32872	*33237*	2010	2011	0.1	0.0	0.6	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
33237	*33603*	2011	2012	0.1	0.0	0.6	0.3	1.0	2.2	0.4	0.7	0.5	0.3	0.6	***3.9***	***2.7***	6.6
33603	*33968*	2012	2013	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***3.9***	***2.7***	6.6
33968	*34333*	2013	2014	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***3.9***	***2.7***	6.6
34333	*34698*	2014	2015	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***3.9***	***2.7***	6.6
34698	*35064*	2015	2016	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
35064	*35429*	2016	2017	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
35429	*35794*	2017	2018	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
35794	*36159*	2018	2019	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
36159	*36525*	2019	2020	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
36525	*36890*	2020	2021	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.7***	6.7
36890	*37255*	2021	2022	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.8***	6.7
37255	*37620*	2022	2023	0.1	0.0	0.6	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.8***	6.7
37620	*37986*	2023	2024	0.1	0.0	0.7	0.3	1.0	2.2	0.3	0.7	0.5	0.3	0.6	***4.0***	***2.8***	6.7
37986	*38351*	2024	2025	0.1	0.0	0.7	0.3	1.1	2.3	0.4	0.7	0.5	0.3	0.8	***4.3***	***3.0***	7.2

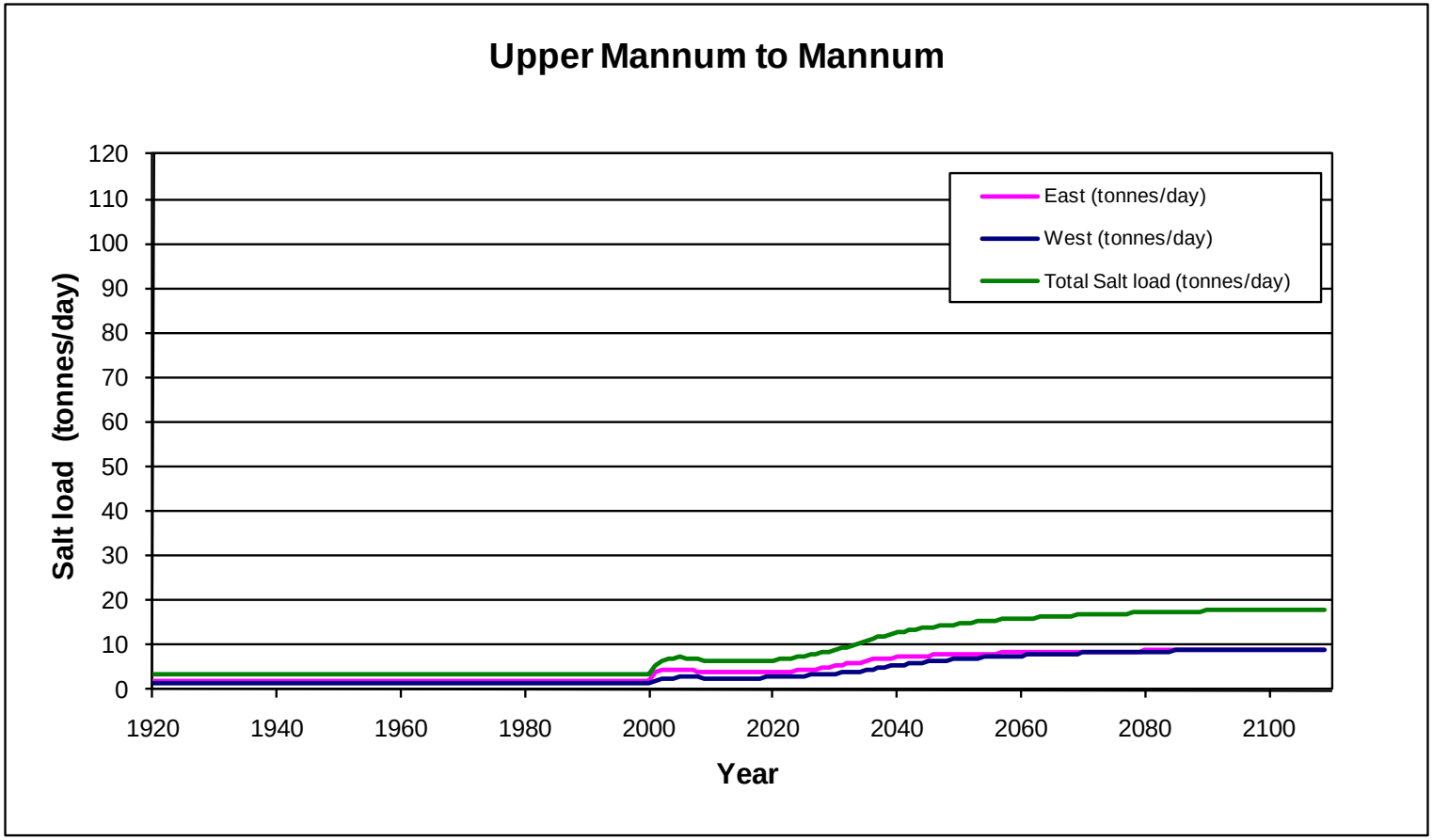
B-4(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Upper Mannum to Mannum area (Scenario 5)

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	0.1	0.0	0.7	0.3	1.2	2.4	0.4	0.7	0.5	0.3	0.8	4.4	3.1	7.5
38716	39081	2026	2027	0.1	0.0	0.8	0.3	1.3	2.5	0.4	0.7	0.6	0.3	0.8	4.6	3.3	7.9
39081	39447	2027	2028	0.1	0.0	0.8	0.3	1.4	2.6	0.4	0.7	0.6	0.3	0.8	4.7	3.4	8.1
39447	39812	2028	2029	0.1	0.0	0.9	0.3	1.5	2.7	0.5	0.7	0.6	0.3	0.8	4.9	3.5	8.4
39812	40177	2029	2030	0.1	0.0	0.9	0.3	1.5	2.8	0.5	0.7	0.6	0.3	0.8	5.0	3.6	8.6
40177	40542	2030	2031	0.1	0.0	1.0	0.3	1.5	2.9	0.5	0.8	0.6	0.3	0.9	5.3	3.7	9.0
40542	40908	2031	2032	0.1	0.0	1.0	0.3	1.6	3.0	0.5	0.8	0.6	0.3	0.9	5.4	3.8	9.2
40908	41273	2032	2033	0.1	0.0	1.1	0.4	1.6	3.1	0.6	0.8	0.7	0.3	1.0	5.7	3.9	9.7
41273	41638	2033	2034	0.1	0.0	1.1	0.4	1.7	3.2	0.6	0.8	0.7	0.3	1.0	5.9	4.1	10.0
41638	42003	2034	2035	0.1	0.0	1.2	0.4	1.7	3.3	0.6	0.8	0.7	0.3	1.0	6.1	4.2	10.3
42003	42369	2035	2036	0.1	0.0	1.2	0.4	1.9	3.5	0.7	0.8	0.7	0.4	1.1	6.5	4.4	11.0
42369	42734	2036	2037	0.1	0.0	1.3	0.4	2.0	3.7	0.7	0.9	0.8	0.4	1.2	6.7	4.7	11.4
42734	43099	2037	2038	0.2	0.0	1.4	0.4	2.1	3.8	0.7	0.9	0.8	0.4	1.2	6.9	4.9	11.8
43099	43464	2038	2039	0.2	0.0	1.5	0.5	2.2	3.9	0.7	0.9	0.8	0.4	1.2	7.1	5.1	12.2
43464	43830	2039	2040	0.2	0.0	1.5	0.5	2.2	4.0	0.7	1.0	0.8	0.4	1.2	7.2	5.3	12.5
43830	44195	2040	2041	0.2	0.0	1.6	0.5	2.3	4.0	0.7	1.0	0.8	0.4	1.2	7.3	5.5	12.8
44195	44560	2041	2042	0.2	0.0	1.7	0.5	2.4	4.1	0.7	1.0	0.8	0.5	1.3	7.4	5.7	13.1
44560	44925	2042	2043	0.2	0.0	1.7	0.5	2.4	4.1	0.7	1.1	0.8	0.5	1.3	7.5	5.9	13.3
44925	45291	2043	2044	0.2	0.0	1.8	0.5	2.5	4.2	0.7	1.1	0.8	0.5	1.3	7.5	6.0	13.6
45291	45656	2044	2045	0.2	0.0	1.8	0.5	2.5	4.2	0.7	1.1	0.8	0.5	1.3	7.6	6.1	13.8
45656	46021	2045	2046	0.2	0.0	1.9	0.5	2.5	4.3	0.7	1.1	0.9	0.5	1.3	7.7	6.3	14.0
46021	46386	2046	2047	0.2	0.0	1.9	0.5	2.6	4.3	0.7	1.2	0.9	0.5	1.3	7.7	6.4	14.1
46386	46752	2047	2048	0.2	0.0	2.0	0.5	2.6	4.4	0.7	1.2	0.9	0.5	1.3	7.8	6.5	14.3
46752	47117	2048	2049	0.2	0.0	2.0	0.5	2.6	4.4	0.7	1.2	0.9	0.5	1.3	7.9	6.6	14.5
47117	47482	2049	2050	0.2	0.0	2.1	0.5	2.7	4.4	0.7	1.3	0.9	0.5	1.3	7.9	6.7	14.7
47482	47847	2050	2051	0.3	0.0	2.1	0.5	2.7	4.4	0.7	1.3	0.9	0.5	1.3	8.0	6.9	14.8
47847	48213	2051	2052	0.3	0.0	2.2	0.5	2.7	4.5	0.7	1.3	0.9	0.5	1.4	8.0	7.0	14.9
48213	48578	2052	2053	0.3	0.0	2.2	0.5	2.8	4.5	0.7	1.3	0.9	0.5	1.4	8.0	7.0	15.1
48578	48943	2053	2054	0.3	0.0	2.2	0.5	2.8	4.5	0.7	1.4	0.9	0.5	1.4	8.1	7.1	15.2
48943	49308	2054	2055	0.3	0.0	2.3	0.5	2.8	4.5	0.7	1.4	0.9	0.5	1.4	8.1	7.2	15.3
49308	49674	2055	2056	0.3	0.0	2.3	0.5	2.8	4.6	0.7	1.4	0.9	0.5	1.4	8.2	7.3	15.5
49674	50039	2056	2057	0.3	0.0	2.3	0.5	2.8	4.6	0.7	1.4	0.9	0.5	1.4	8.2	7.4	15.6
50039	50404	2057	2058	0.3	0.0	2.4	0.5	2.9	4.6	0.7	1.4	0.9	0.5	1.4	8.2	7.5	15.7
50404	50769	2058	2059	0.3	0.0	2.4	0.5	2.9	4.6	0.7	1.5	0.9	0.5	1.4	8.2	7.5	15.8
50769	51135	2059	2060	0.3	0.0	2.4	0.5	2.9	4.6	0.7	1.5	0.9	0.5	1.4	8.3	7.6	15.9
51135	51500	2060	2061	0.3	0.0	2.4	0.5	2.9	4.6	0.7	1.5	0.9	0.5	1.4	8.3	7.7	16.0
51500	51865	2061	2062	0.3	0.0	2.5	0.6	2.9	4.7	0.7	1.5	0.9	0.5	1.4	8.3	7.7	16.1
51865	52230	2062	2063	0.3	0.0	2.5	0.6	2.9	4.7	0.7	1.5	0.9	0.5	1.4	8.4	7.8	16.2
52230	52596	2063	2064	0.3	0.0	2.5	0.6	3.0	4.7	0.8	1.6	1.0	0.5	1.4	8.4	7.9	16.3
52596	52961	2064	2065	0.3	0.0	2.5	0.6	3.0	4.7	0.8	1.6	1.0	0.5	1.4	8.4	7.9	16.3
52961	53326	2065	2066	0.3	0.0	2.5	0.6	3.0	4.7	0.8	1.6	1.0	0.5	1.4	8.4	8.0	16.4
53326	53691	2066	2067	0.3	0.0	2.6	0.6	3.0	4.7	0.8	1.6	1.0	0.5	1.4	8.5	8.0	16.5

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)
53691	54057	2067	2068	0.3	0.0	2.6	0.6	3.0	4.7	0.8	1.6	1.0	0.5	1.4	8.5	8.1	16.6
54057	54422	2068	2069	0.3	0.0	2.6	0.6	3.0	4.8	0.8	1.6	1.0	0.5	1.4	8.5	8.1	16.6
54422	54787	2069	2070	0.4	0.0	2.6	0.6	3.0	4.8	0.8	1.6	1.0	0.5	1.4	8.5	8.2	16.7
54787	55152	2070	2071	0.4	0.0	2.6	0.6	3.0	4.8	0.8	1.7	1.0	0.5	1.4	8.5	8.2	16.8
55152	55518	2071	2072	0.4	0.0	2.7	0.6	3.1	4.8	0.8	1.7	1.0	0.5	1.4	8.6	8.3	16.8
55518	55883	2072	2073	0.4	0.0	2.7	0.6	3.1	4.8	0.8	1.7	1.0	0.5	1.5	8.6	8.3	16.9
55883	56248	2073	2074	0.4	0.0	2.7	0.6	3.1	4.8	0.8	1.7	1.0	0.5	1.5	8.6	8.3	16.9
56248	56613	2074	2075	0.4	0.0	2.7	0.6	3.1	4.8	0.8	1.7	1.0	0.5	1.5	8.6	8.4	17.0
56613	56979	2075	2076	0.4	0.0	2.7	0.6	3.1	4.8	0.8	1.7	1.0	0.5	1.5	8.6	8.4	17.1
56979	57344	2076	2077	0.4	0.0	2.7	0.6	3.1	4.8	0.8	1.7	1.0	0.5	1.5	8.7	8.5	17.1
57344	57709	2077	2078	0.4	0.0	2.7	0.6	3.1	4.8	0.8	1.7	1.0	0.5	1.5	8.7	8.5	17.2
57709	58074	2078	2079	0.4	0.0	2.8	0.6	3.1	4.9	0.8	1.7	1.0	0.5	1.5	8.7	8.5	17.2
58074	58440	2079	2080	0.4	0.0	2.8	0.6	3.1	4.9	0.8	1.7	1.0	0.5	1.5	8.7	8.6	17.3
58440	58805	2080	2081	0.4	0.0	2.8	0.6	3.1	4.9	0.8	1.8	1.0	0.5	1.5	8.7	8.6	17.3
58805	59170	2081	2082	0.4	0.0	2.8	0.6	3.1	4.9	0.8	1.8	1.0	0.5	1.5	8.7	8.6	17.4
59170	59535	2082	2083	0.4	0.0	2.8	0.6	3.1	4.9	0.8	1.8	1.0	0.5	1.5	8.8	8.6	17.4
59535	59901	2083	2084	0.4	0.0	2.8	0.6	3.1	4.9	0.8	1.8	1.0	0.5	1.5	8.8	8.7	17.4
59901	60266	2084	2085	0.4	0.0	2.8	0.6	3.1	4.9	0.8	1.8	1.0	0.5	1.5	8.8	8.7	17.5
60266	60631	2085	2086	0.4	0.0	2.8	0.6	3.2	4.9	0.8	1.8	1.0	0.5	1.5	8.8	8.7	17.5
60631	60996	2086	2087	0.4	0.0	2.8	0.6	3.2	4.9	0.8	1.8	1.0	0.5	1.5	8.8	8.7	17.6
60996	61362	2087	2088	0.4	0.0	2.8	0.6	3.2	4.9	0.8	1.8	1.0	0.5	1.5	8.8	8.8	17.6
61362	61727	2088	2089	0.4	0.0	2.8	0.6	3.2	4.9	0.8	1.8	1.0	0.5	1.5	8.8	8.8	17.6
61727	62092	2089	2090	0.4	0.0	2.9	0.6	3.2	4.9	0.8	1.8	1.0	0.5	1.5	8.9	8.8	17.7
62092	62457	2090	2091	0.4	0.0	2.9	0.6	3.2	4.9	0.8	1.8	1.0	0.5	1.5	8.9	8.8	17.7
62457	62823	2091	2092	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.8	1.0	0.5	1.5	8.9	8.8	17.7
62823	63188	2092	2093	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.8	1.0	0.5	1.5	8.9	8.9	17.7
63188	63553	2093	2094	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.8	1.0	0.5	1.5	8.9	8.9	17.8
63553	63918	2094	2095	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.8	1.0	0.5	1.5	8.9	8.9	17.8
63918	64284	2095	2096	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.8	1.0	0.5	1.5	8.9	8.9	17.8
64284	64649	2096	2097	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.0	0.5	1.5	8.9	8.9	17.8
64649	65014	2097	2098	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.0	0.5	1.5	8.9	8.9	17.9
65014	65379	2098	2099	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.0	0.5	1.5	8.9	8.9	17.9
65379	65745	2099	2100	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.0	0.5	1.5	9.0	9.0	17.9
65745	66110	2100	2101	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.0	0.5	1.5	9.0	9.0	17.9
66110	66475	2101	2102	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.0	0.5	1.5	9.0	9.0	18.0
66475	66840	2102	2103	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.0	0.5	1.5	9.0	9.0	18.0
66840	67206	2103	2104	0.4	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.0	0.5	1.5	9.0	9.0	18.0
67206	67571	2104	2105	0.5	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.0	0.5	1.5	9.0	9.0	18.0
67571	67936	2105	2106	0.5	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.0	0.5	1.5	9.0	9.0	18.1
67936	68301	2106	2107	0.5	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.0	0.5	1.5	9.0	9.1	18.1
68301	68667	2107	2108	0.5	0.0	2.9	0.6	3.2	5.0	0.8	1.9	1.1	0.5	1.5	9.0	9.1	18.1
68667	69032	2108	2109	0.5	0.0	3.0	0.6	3.2	5.0	0.8	1.9	1.1	0.5	1.5	9.0	9.1	18.1
69032	69397	2109	2110	0.5	0.0	3.0	0.6	3.2	5.0	0.8	1.9	1.1	0.5	1.5	9.0	9.1	18.1
	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)

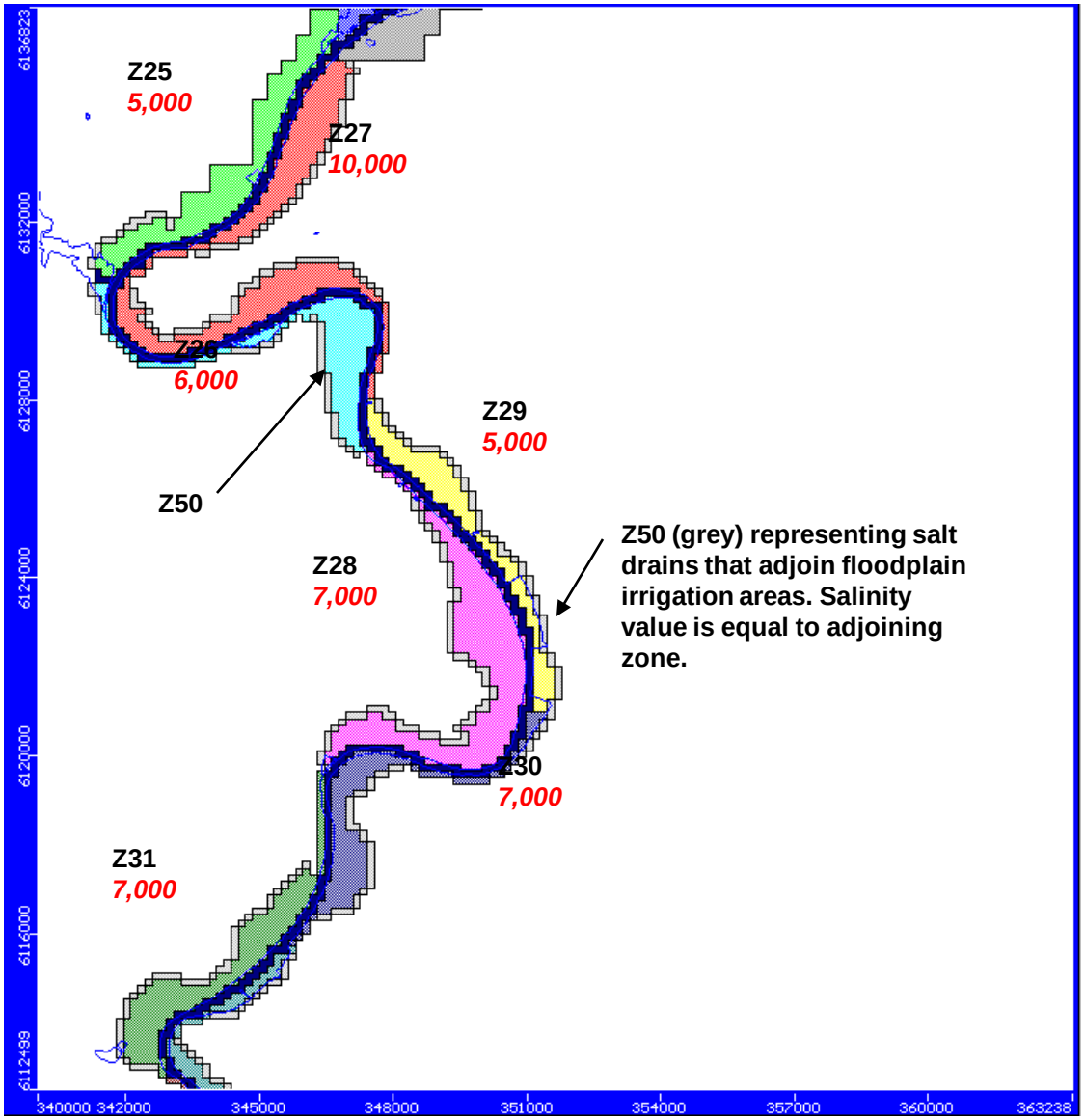
(Transient from 1920 to 2009)

(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 calibration model 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 calibration model 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 calibration model 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 calibration model 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	239	352	271	599	607	469	***1558***	***1010***	**2568**
3652	*7305*	1930	1940	31	239	352	271	599	607	469	***1558***	***1010***	**2568**
7305	*14610*	1940	1960	31	255	367	327	617	634	490	***1618***	***1104***	**2722**
14610	*18263*	1960	1970	31	266	381	355	627	647	504	***1655***	***1156***	**2812**
18263	*21915*	1970	1980	32	276	395	380	635	650	513	***1679***	***1201***	**2880**
21915	*24837*	1980	1988	33	287	404	400	644	652	520	***1701***	***1240***	**2940**
24837	*25202*	1988	1989	33	287	405	400	644	652	521	***1701***	***1241***	**2942**
25202	*25567*	1989	1990	33	288	405	400	645	652	521	***1702***	***1242***	**2944**
25567	*25932*	1990	1991	33	292	408	407	653	655	523	***1716***	***1255***	**2971**
25932	*26298*	1991	1992	33	294	409	410	655	656	525	***1720***	***1263***	**2982**
26298	*26663*	1992	1993	33	296	410	412	656	656	527	***1722***	***1267***	**2989**
26663	*27028*	1993	1994	33	297	410	413	656	656	528	***1723***	***1271***	**2994**
27028	*27393*	1994	1995	33	298	411	414	657	656	529	***1724***	***1274***	**2998**
27393	*27759*	1995	1996	33	299	411	414	657	656	529	***1725***	***1276***	**3001**
27759	*28124*	1996	1997	33	300	411	414	657	656	530	***1725***	***1278***	**3003**
28124	*28489*	1997	1998	34	301	412	415	658	657	531	***1726***	***1279***	**3005**
28489	*28854*	1998	1999	34	301	412	415	658	657	531	***1726***	***1281***	**3007**
28854	*29220*	1999	2000	34	301	412	415	658	657	532	***1727***	***1282***	**3009**
29220	*29585*	2000	2001	34	305	415	419	667	660	534	***1742***	***1292***	**3034**
29585	*29950*	2001	2002	34	307	416	422	669	661	536	***1747***	***1298***	**3045**
29950	*30315*	2002	2003	34	309	417	423	670	662	538	***1749***	***1303***	**3052**
30315	*30681*	2003	2004	34	310	417	423	671	662	539	***1750***	***1306***	**3057**
30681	*31046*	2004	2005	34	311	418	424	672	662	540	***1751***	***1309***	**3060**
31046	*31411*	2005	2006	34	312	418	424	672	662	541	***1752***	***1311***	**3064**
31411	*31776*	2006	2007	34	312	418	424	672	662	542	***1753***	***1313***	**3066**
31776	*32142*	2007	2008	34	313	418	425	673	663	543	***1754***	***1315***	**3069**
32142	*32507*	2008	2009	34	313	419	425	673	663	544	***1754***	***1316***	**3071**
32507	*32872*	2009	2010	34	314	419	425	673	663	544	***1755***	***1318***	**3072**
32872	*33237*	2010	2011	35	316	422	427	682	667	546	***1771***	***1324***	**3095**
33237	*33603*	2011	2012	35	318	423	428	684	668	548	***1776***	***1329***	**3104**
33603	*33968*	2012	2013	35	319	424	429	686	668	550	***1778***	***1332***	**3111**
33968	*34333*	2013	2014	35	320	425	429	687	669	551	***1780***	***1335***	**3115**
34333	*34698*	2014	2015	35	321	425	430	687	669	552	***1781***	***1338***	**3119**
34698	*35064*	2015	2016	35	322	426	430	688	669	553	***1782***	***1340***	**3122**
35064	*35429*	2016	2017	35	322	426	430	688	669	554	***1783***	***1342***	**3125**
35429	*35794*	2017	2018	35	323	426	430	688	669	555	***1784***	***1343***	**3128**
35794	*36159*	2018	2019	35	323	427	431	689	670	556	***1785***	***1345***	**3130**
36159	*36525*	2019	2020	35	324	427	431	689	670	557	***1785***	***1346***	**3132**
36525	*36890*	2020	2021	35	325	431	432	698	673	558	***1802***	***1351***	**3152**
36890	*37255*	2021	2022	35	327	433	433	700	674	560	***1807***	***1354***	**3162**
37255	*37620*	2022	2023	35	328	434	433	701	675	561	***1811***	***1358***	**3168**
37620	*37986*	2023	2024	36	329	435	434	702	675	562	***1813***	***1360***	**3173**
37986	*38351*	2024	2025	36	329	436	434	703	676	564	***1814***	***1363***	**3177**

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	36	330	436	434	704	676	565	1816	1365	3181
38716	39081	2026	2027	36	331	436	435	704	676	566	1817	1367	3184
39081	39447	2027	2028	36	331	437	435	704	677	567	1818	1368	3186
39447	39812	2028	2029	36	332	437	435	705	677	567	1819	1370	3189
39812	40177	2029	2030	36	332	437	435	705	677	568	1819	1371	3191
40177	40542	2030	2031	36	333	443	436	713	680	570	1835	1375	3210
40542	40908	2031	2032	36	334	445	437	715	681	571	1841	1379	3220
40908	41273	2032	2033	36	335	447	438	716	682	573	1845	1382	3227
41273	41638	2033	2034	37	336	448	439	717	682	574	1847	1385	3232
41638	42003	2034	2035	37	337	448	439	718	683	575	1849	1387	3237
42003	42369	2035	2036	37	337	449	439	719	683	576	1851	1390	3240
42369	42734	2036	2037	37	338	449	440	719	684	577	1852	1392	3244
42734	43099	2037	2038	37	338	449	440	720	684	578	1853	1393	3247
43099	43464	2038	2039	37	339	450	440	720	685	579	1854	1395	3249
43464	43830	2039	2040	37	339	450	440	720	685	580	1855	1397	3252
43830	44195	2040	2041	37	340	456	442	726	687	582	1870	1401	3271
44195	44560	2041	2042	37	340	459	443	729	688	583	1876	1405	3281
44560	44925	2042	2043	37	341	461	445	730	689	585	1880	1408	3288
44925	45291	2043	2044	38	342	462	445	731	690	586	1883	1411	3293
45291	45656	2044	2045	38	342	463	446	732	691	587	1885	1413	3298
45656	46021	2045	2046	38	343	463	447	732	691	589	1887	1416	3302
46021	46386	2046	2047	38	343	463	447	733	692	590	1888	1418	3306
46386	46752	2047	2048	38	344	464	447	733	693	591	1890	1420	3309
46752	47117	2048	2049	38	344	464	448	734	693	592	1891	1422	3312
47117	47482	2049	2050	38	344	464	448	734	694	593	1892	1423	3315
47482	47847	2050	2051	38	345	470	450	739	695	595	1905	1428	3332
47847	48213	2051	2052	38	345	473	452	741	697	596	1911	1432	3343
48213	48578	2052	2053	39	346	475	453	742	698	598	1914	1436	3350
48578	48943	2053	2054	39	346	476	455	743	699	599	1917	1439	3356
48943	49308	2054	2055	39	347	476	455	744	700	601	1920	1442	3362
49308	49674	2055	2056	39	347	477	456	744	701	602	1922	1444	3366
49674	50039	2056	2057	39	348	477	457	745	702	603	1924	1447	3370
50039	50404	2057	2058	39	348	478	457	746	702	605	1926	1449	3374
50404	50769	2058	2059	39	348	478	458	746	703	606	1927	1451	3378
50769	51135	2059	2060	39	349	478	458	747	704	607	1929	1453	3381
51135	51500	2060	2061	39	349	484	461	750	706	609	1940	1458	3398
51500	51865	2061	2062	39	349	486	464	753	707	611	1946	1463	3409
51865	52230	2062	2063	40	350	488	466	754	709	612	1950	1467	3417
52230	52596	2063	2064	40	350	489	467	755	710	614	1954	1471	3425
52596	52961	2064	2065	40	351	489	468	756	711	615	1957	1474	3431
52961	53326	2065	2066	40	351	490	469	757	712	617	1959	1477	3436
53326	53691	2066	2067	40	351	490	470	758	713	618	1962	1479	3441

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	40	352	491	471	759	714	619	1964	1482	3446
54057	54422	2068	2069	40	352	491	471	760	715	621	1966	1484	3450
54422	54787	2069	2070	40	352	491	472	760	716	622	1968	1486	3454
54787	55152	2070	2071	40	353	495	476	764	718	624	1978	1493	3471
55152	55518	2071	2072	40	353	498	479	767	720	626	1985	1499	3483
55518	55883	2072	2073	41	354	499	482	769	722	628	1990	1503	3493
55883	56248	2073	2074	41	354	500	483	771	724	629	1994	1508	3502
56248	56613	2074	2075	41	355	501	485	772	725	631	1998	1511	3509
56613	56979	2075	2076	41	355	501	486	773	727	633	2002	1515	3516
56979	57344	2076	2077	41	355	502	487	775	728	634	2005	1518	3522
57344	57709	2077	2078	41	356	502	488	776	730	635	2008	1520	3528
57709	58074	2078	2079	41	356	503	489	777	731	637	2011	1523	3534
58074	58440	2079	2080	41	356	503	490	778	732	638	2013	1526	3539
58440	58805	2080	2081	41	357	506	495	783	734	640	2023	1534	3557
58805	59170	2081	2082	41	358	508	499	786	737	642	2031	1540	3571
59170	59535	2082	2083	42	358	509	502	789	739	644	2037	1546	3583
59535	59901	2083	2084	42	359	510	504	792	741	646	2043	1550	3593
59901	60266	2084	2085	42	360	511	506	794	743	648	2048	1555	3603
60266	60631	2085	2086	42	360	512	507	796	745	649	2053	1559	3611
60631	60996	2086	2087	42	361	512	509	798	747	651	2057	1562	3619
60996	61362	2087	2088	42	361	513	510	800	748	653	2061	1566	3627
61362	61727	2088	2089	42	362	513	511	802	750	654	2065	1569	3634
61727	62092	2089	2090	42	362	514	512	804	751	656	2069	1572	3641
62092	62457	2090	2091	42	363	516	518	809	754	658	2079	1581	3660
62457	62823	2091	2092	42	364	518	522	813	757	660	2088	1588	3676
62823	63188	2092	2093	43	365	519	526	817	760	662	2096	1595	3690
63188	63553	2093	2094	43	366	520	528	821	762	664	2103	1600	3703
63553	63918	2094	2095	43	366	521	531	824	764	666	2109	1605	3715
63918	64284	2095	2096	43	367	522	533	827	767	667	2115	1610	3726
64284	64649	2096	2097	43	368	523	535	830	769	669	2121	1615	3736
64649	65014	2097	2098	43	369	523	536	832	771	671	2127	1619	3745
65014	65379	2098	2099	43	370	524	538	835	773	673	2132	1623	3755
65379	65745	2099	2100	43	370	524	539	838	775	674	2137	1627	3764
65745	66110	2100	2101	43	371	526	545	844	778	676	2148	1636	3784
66110	66475	2101	2102	43	372	528	550	849	781	678	2159	1644	3802
66475	66840	2102	2103	43	374	529	553	854	785	680	2168	1651	3819
66840	67206	2103	2104	43	375	531	557	858	788	682	2177	1657	3834
67206	67571	2104	2105	44	376	532	559	863	790	684	2185	1663	3848
67571	67936	2105	2106	44	377	533	562	867	793	686	2192	1669	3861
67936	68301	2106	2107	44	378	533	564	870	795	688	2199	1674	3873
68301	68667	2107	2108	44	379	534	566	874	798	690	2206	1679	3885
68667	69032	2108	2109	44	380	535	568	878	800	692	2213	1683	3896
69032	69397	2109	2110	44	380	535	568	878	800	692	2213	1683	3896

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	10	15	1	0	0	0	0	1	25	27
3652	7305	1930	1940	10	15	1	0	0	0	0	1	25	27
7305	14610	1940	1960	10	21	1	0	0	0	0	1	31	33
14610	18263	1960	1970	10	25	2	0	0	0	0	2	35	36
18263	21915	1970	1980	11	26	2	0	0	0	0	2	37	38
21915	24837	1980	1988	12	27	2	0	0	0	0	2	39	41
24837	25202	1988	1989	12	27	2	0	0	0	0	2	39	41
25202	25567	1989	1990	12	27	2	0	0	0	0	2	39	41
25567	25932	1990	1991	12	28	2	0	0	0	0	2	40	42
25932	26298	1991	1992	13	29	2	0	0	0	0	2	41	43
26298	26663	1992	1993	13	29	2	0	0	0	0	2	42	44
26663	27028	1993	1994	13	29	2	0	0	0	0	2	42	44
27028	27393	1994	1995	13	29	2	0	0	0	0	2	43	44
27393	27759	1995	1996	13	30	2	0	0	0	0	2	43	45
27759	28124	1996	1997	14	30	2	0	0	0	0	2	43	45
28124	28489	1997	1998	14	30	2	0	0	0	0	2	44	45
28489	28854	1998	1999	14	30	2	0	0	0	0	2	44	46
28854	29220	1999	2000	14	30	2	0	0	0	0	2	44	46
29220	29585	2000	2001	14	31	2	0	0	0	0	2	45	47
29585	29950	2001	2002	15	32	2	0	0	0	0	2	47	48
29950	30315	2002	2003	15	33	2	0	0	0	0	2	47	49
30315	30681	2003	2004	15	33	2	0	0	0	0	2	48	50
30681	31046	2004	2005	15	33	2	0	0	0	0	2	49	51
31046	31411	2005	2006	16	34	2	0	0	0	0	2	49	51
31411	31776	2006	2007	16	34	2	0	0	0	0	2	50	52
31776	32142	2007	2008	16	34	2	0	0	0	0	2	50	52
32142	32507	2008	2009	16	34	2	0	0	0	0	2	51	52
32507	32872	2009	2010	16	35	2	0	0	0	0	2	51	53
32872	33237	2010	2011	17	36	2	0	0	0	0	2	53	54
33237	33603	2011	2012	17	37	2	0	0	0	0	2	54	56
33603	33968	2012	2013	17	38	2	0	0	0	0	2	55	57
33968	34333	2013	2014	18	38	2	0	0	0	0	2	56	58
34333	34698	2014	2015	18	39	2	0	0	0	0	2	56	58
34698	35064	2015	2016	18	39	2	0	0	0	0	2	57	59
35064	35429	2016	2017	18	39	2	0	0	0	0	2	58	60
35429	35794	2017	2018	18	40	2	0	0	0	0	2	58	60
35794	36159	2018	2019	19	40	2	0	0	0	0	2	59	61
36159	36525	2019	2020	19	40	2	0	0	0	0	2	59	61
36525	36890	2020	2021	19	42	2	0	0	0	0	2	61	63
36890	37255	2021	2022	19	43	2	0	0	0	0	2	63	65
37255	37620	2022	2023	19	44	2	0	0	0	0	2	64	66
37620	37986	2023	2024	20	45	2	0	0	0	0	2	65	67
37986	38351	2024	2025	20	46	2	0	0	0	0	2	65	67

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	20	46	2	0	0	0	0	2	66	68
38716	39081	2026	2027	20	46	2	0	0	0	0	2	67	69
39081	39447	2027	2028	20	47	2	0	0	0	0	2	67	69
39447	39812	2028	2029	21	47	2	0	0	0	0	2	68	70
39812	40177	2029	2030	21	48	2	0	0	0	0	2	68	70
40177	40542	2030	2031	21	49	2	0	0	0	0	2	70	72
40542	40908	2031	2032	21	51	2	0	0	0	0	2	72	74
40908	41273	2032	2033	21	51	2	0	0	0	0	2	73	75
41273	41638	2033	2034	22	52	2	0	0	0	0	2	74	76
41638	42003	2034	2035	22	53	2	0	0	0	0	2	74	76
42003	42369	2035	2036	22	53	2	0	0	0	0	2	75	77
42369	42734	2036	2037	22	54	2	0	0	0	0	2	76	78
42734	43099	2037	2038	22	54	2	0	0	0	0	2	76	78
43099	43464	2038	2039	23	54	2	0	0	0	0	2	77	79
43464	43830	2039	2040	23	55	2	0	0	0	0	2	77	79
43830	44195	2040	2041	23	56	2	0	0	0	0	2	79	81
44195	44560	2041	2042	23	57	2	0	0	0	0	2	80	82
44560	44925	2042	2043	23	58	2	0	0	0	0	2	81	83
44925	45291	2043	2044	24	58	2	0	0	0	0	2	82	84
45291	45656	2044	2045	24	59	2	0	0	0	0	2	83	84
45656	46021	2045	2046	24	59	2	0	0	0	0	2	83	85
46021	46386	2046	2047	24	60	2	0	0	0	0	2	84	86
46386	46752	2047	2048	24	60	2	0	0	0	0	2	84	86
46752	47117	2048	2049	25	60	2	0	0	0	0	2	85	87
47117	47482	2049	2050	25	61	2	0	0	0	0	2	85	87
47482	47847	2050	2051	25	62	2	0	0	0	0	2	87	89
47847	48213	2051	2052	25	62	2	0	0	0	0	2	87	89
48213	48578	2052	2053	26	63	2	0	0	0	0	2	88	90
48578	48943	2053	2054	26	63	2	0	0	0	0	2	89	91
48943	49308	2054	2055	26	63	2	0	0	0	0	2	90	92
49308	49674	2055	2056	26	64	2	0	0	0	0	2	90	92
49674	50039	2056	2057	27	64	2	0	0	0	0	2	91	93
50039	50404	2057	2058	27	64	2	0	0	0	0	2	91	93
50404	50769	2058	2059	27	65	2	0	0	0	0	2	92	94
50769	51135	2059	2060	27	65	2	0	0	0	0	2	92	94
51135	51500	2060	2061	28	65	2	0	0	0	0	2	93	95
51500	51865	2061	2062	28	66	2	0	0	0	0	2	94	96
51865	52230	2062	2063	28	66	2	0	0	0	0	2	94	96
52230	52596	2063	2064	29	67	2	0	0	0	0	2	95	97
52596	52961	2064	2065	29	67	2	0	0	0	0	2	96	98
52961	53326	2065	2066	29	67	2	0	0	0	0	2	96	98
53326	53691	2066	2067	29	67	2	0	0	0	0	2	97	99

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	30	68	2	0	0	0	0	2	97	99
54057	54422	2068	2069	30	68	2	0	0	0	0	2	98	100
54422	54787	2069	2070	30	68	2	0	0	0	0	2	98	100
54787	55152	2070	2071	31	68	2	0	0	0	0	2	99	101
55152	55518	2071	2072	31	69	2	0	0	0	0	2	100	102
55518	55883	2072	2073	31	69	2	0	0	0	0	2	100	102
55883	56248	2073	2074	32	70	2	0	0	0	0	2	101	103
56248	56613	2074	2075	32	70	2	0	0	0	0	2	102	104
56613	56979	2075	2076	32	70	2	0	0	0	0	2	102	104
56979	57344	2076	2077	33	70	2	0	0	0	0	2	103	105
57344	57709	2077	2078	33	71	2	0	0	0	0	2	104	106
57709	58074	2078	2079	33	71	2	0	0	0	0	2	104	106
58074	58440	2079	2080	34	71	2	0	0	0	0	2	105	107
58440	58805	2080	2081	34	72	2	0	0	0	0	2	106	108
58805	59170	2081	2082	34	72	2	0	0	0	0	2	106	108
59170	59535	2082	2083	35	72	2	0	0	0	0	2	107	109
59535	59901	2083	2084	35	73	2	0	0	0	0	2	108	110
59901	60266	2084	2085	36	73	2	0	0	0	0	2	109	111
60266	60631	2085	2086	36	74	2	0	0	0	0	2	110	112
60631	60996	2086	2087	36	74	2	0	0	0	0	2	110	112
60996	61362	2087	2088	37	74	2	0	0	0	0	2	111	113
61362	61727	2088	2089	37	75	2	0	0	0	0	2	112	114
61727	62092	2089	2090	37	75	2	0	0	0	0	2	113	115
62092	62457	2090	2091	38	76	2	0	0	0	0	2	114	116
62457	62823	2091	2092	38	76	2	0	0	0	1	2	115	117
62823	63188	2092	2093	38	77	2	0	0	0	1	2	116	118
63188	63553	2093	2094	39	78	2	0	0	0	1	2	117	120
63553	63918	2094	2095	39	78	2	0	0	0	1	2	119	121
63918	64284	2095	2096	40	79	2	0	0	0	1	2	120	122
64284	64649	2096	2097	40	79	2	0	0	0	2	2	121	123
64649	65014	2097	2098	40	80	2	0	0	0	2	2	122	124
65014	65379	2098	2099	41	80	2	0	0	0	2	2	123	125
65379	65745	2099	2100	41	81	2	0	0	0	2	2	124	127
65745	66110	2100	2101	42	82	2	0	0	0	4	2	127	129
66110	66475	2101	2102	42	82	2	1	0	0	5	2	129	132
66475	66840	2102	2103	42	83	2	1	0	0	5	2	131	133
66840	67206	2103	2104	43	84	2	1	0	0	5	2	133	135
67206	67571	2104	2105	43	85	2	1	0	0	6	2	135	137
67571	67936	2105	2106	43	86	2	1	0	0	6	2	137	139
67936	68301	2106	2107	44	87	2	1	0	0	7	2	138	140
68301	68667	2107	2108	44	87	2	1	0	0	7	2	140	142
68667	69032	2108	2109	45	88	2	2	0	0	7	2	141	143
69032	69397	2109	2110	45	88	2	2	0	0	7	2	141	143

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	1.4	3.5	1.9	3.0	4.2	3.3	***10.8***	***6.8***	17.5
3652	*7305*	1930	1940	0.2	1.4	3.5	1.9	3.0	4.2	3.3	***10.8***	***6.8***	17.5
7305	*14610*	1940	1960	0.2	1.5	3.7	2.3	3.1	4.4	3.4	***11.2***	***7.4***	18.6
14610	*18263*	1960	1970	0.2	1.6	3.8	2.5	3.1	4.5	3.5	***11.5***	***7.8***	19.2
18263	*21915*	1970	1980	0.2	1.7	3.9	2.7	3.2	4.5	3.6	***11.7***	***8.1***	19.7
21915	*24837*	1980	1988	0.2	1.7	4.0	2.8	3.2	4.6	3.6	***11.8***	***8.3***	20.2
24837	*25202*	1988	1989	0.2	1.7	4.0	2.8	3.2	4.6	3.6	***11.8***	***8.3***	20.2
25202	*25567*	1989	1990	0.2	1.7	4.0	2.8	3.2	4.6	3.6	***11.8***	***8.3***	20.2
25567	*25932*	1990	1991	0.2	1.7	4.1	2.8	3.3	4.6	3.7	***11.9***	***8.4***	20.4
25932	*26298*	1991	1992	0.2	1.8	4.1	2.9	3.3	4.6	3.7	***12.0***	***8.5***	20.4
26298	*26663*	1992	1993	0.2	1.8	4.1	2.9	3.3	4.6	3.7	***12.0***	***8.5***	20.5
26663	*27028*	1993	1994	0.2	1.8	4.1	2.9	3.3	4.6	3.7	***12.0***	***8.5***	20.5
27028	*27393*	1994	1995	0.2	1.8	4.1	2.9	3.3	4.6	3.7	***12.0***	***8.6***	20.5
27393	*27759*	1995	1996	0.2	1.8	4.1	2.9	3.3	4.6	3.7	***12.0***	***8.6***	20.6
27759	*28124*	1996	1997	0.2	1.8	4.1	2.9	3.3	4.6	3.7	***12.0***	***8.6***	20.6
28124	*28489*	1997	1998	0.2	1.8	4.1	2.9	3.3	4.6	3.7	***12.0***	***8.6***	20.6
28489	*28854*	1998	1999	0.2	1.8	4.1	2.9	3.3	4.6	3.7	***12.0***	***8.6***	20.6
28854	*29220*	1999	2000	0.2	1.8	4.1	2.9	3.3	4.6	3.7	***12.0***	***8.6***	20.6
29220	*29585*	2000	2001	0.2	1.8	4.1	2.9	3.3	4.6	3.7	***12.1***	***8.7***	20.8
29585	*29950*	2001	2002	0.2	1.8	4.2	3.0	3.3	4.6	3.8	***12.1***	***8.7***	20.8
29950	*30315*	2002	2003	0.2	1.9	4.2	3.0	3.4	4.6	3.8	***12.2***	***8.7***	20.9
30315	*30681*	2003	2004	0.2	1.9	4.2	3.0	3.4	4.6	3.8	***12.2***	***8.8***	20.9
30681	*31046*	2004	2005	0.2	1.9	4.2	3.0	3.4	4.6	3.8	***12.2***	***8.8***	21.0
31046	*31411*	2005	2006	0.2	1.9	4.2	3.0	3.4	4.6	3.8	***12.2***	***8.8***	21.0
31411	*31776*	2006	2007	0.2	1.9	4.2	3.0	3.4	4.6	3.8	***12.2***	***8.8***	21.0
31776	*32142*	2007	2008	0.2	1.9	4.2	3.0	3.4	4.6	3.8	***12.2***	***8.8***	21.0
32142	*32507*	2008	2009	0.2	1.9	4.2	3.0	3.4	4.6	3.8	***12.2***	***8.8***	21.0
32507	*32872*	2009	2010	0.2	1.9	4.2	3.0	3.4	4.6	3.8	***12.2***	***8.8***	21.0
32872	*33237*	2010	2011	0.2	1.9	4.2	3.0	3.4	4.7	3.8	***12.3***	***8.9***	21.2
33237	*33603*	2011	2012	0.2	1.9	4.2	3.0	3.4	4.7	3.8	***12.3***	***8.9***	21.2
33603	*33968*	2012	2013	0.2	1.9	4.2	3.0	3.4	4.7	3.8	***12.3***	***8.9***	21.3
33968	*34333*	2013	2014	0.2	1.9	4.2	3.0	3.4	4.7	3.9	***12.4***	***9.0***	21.3
34333	*34698*	2014	2015	0.2	1.9	4.3	3.0	3.4	4.7	3.9	***12.4***	***9.0***	21.3
34698	*35064*	2015	2016	0.2	1.9	4.3	3.0	3.4	4.7	3.9	***12.4***	***9.0***	21.4
35064	*35429*	2016	2017	0.2	1.9	4.3	3.0	3.4	4.7	3.9	***12.4***	***9.0***	21.4
35429	*35794*	2017	2018	0.2	1.9	4.3	3.0	3.4	4.7	3.9	***12.4***	***9.0***	21.4
35794	*36159*	2018	2019	0.2	1.9	4.3	3.0	3.4	4.7	3.9	***12.4***	***9.0***	21.4
36159	*36525*	2019	2020	0.2	1.9	4.3	3.0	3.4	4.7	3.9	***12.4***	***9.0***	21.4
36525	*36890*	2020	2021	0.2	2.0	4.3	3.0	3.5	4.7	3.9	***12.5***	***9.1***	21.6
36890	*37255*	2021	2022	0.2	2.0	4.3	3.0	3.5	4.7	3.9	***12.6***	***9.1***	21.6
37255	*37620*	2022	2023	0.2	2.0	4.3	3.0	3.5	4.7	3.9	***12.6***	***9.1***	21.7
37620	*37986*	2023	2024	0.2	2.0	4.3	3.0	3.5	4.7	3.9	***12.6***	***9.1***	21.7
37986	*38351*	2024	2025	0.2	2.0	4.4	3.0	3.5	4.7	3.9	***12.6***	***9.1***	21.7

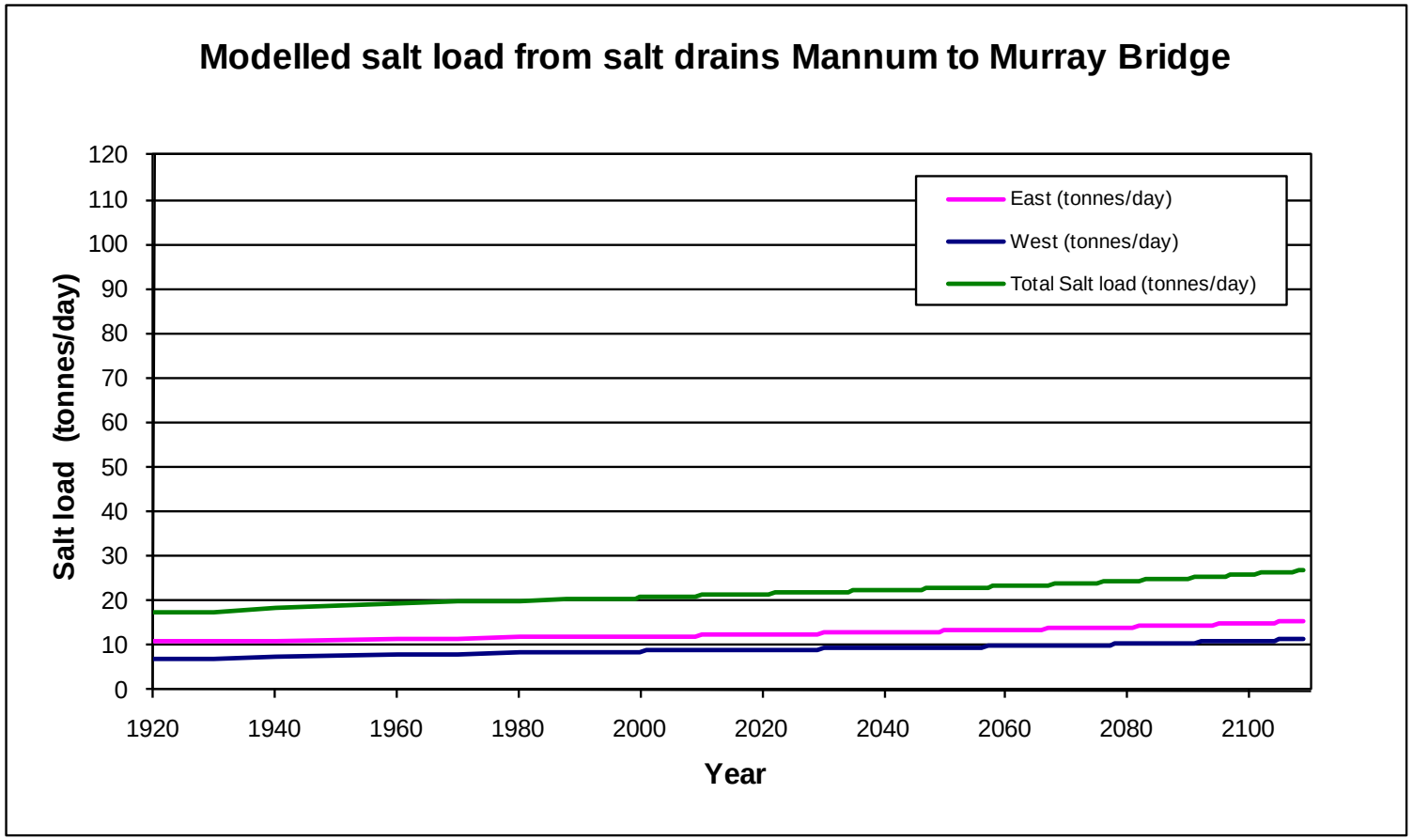
B-5(S2) Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 2) (highland to salt drains)

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	0.2	2.0	4.4	3.0	3.5	4.7	4.0	12.6	9.2	21.8
38716	39081	2026	2027	0.2	2.0	4.4	3.0	3.5	4.7	4.0	12.6	9.2	21.8
39081	39447	2027	2028	0.2	2.0	4.4	3.0	3.5	4.7	4.0	12.6	9.2	21.8
39447	39812	2028	2029	0.2	2.0	4.4	3.0	3.5	4.7	4.0	12.6	9.2	21.8
39812	40177	2029	2030	0.2	2.0	4.4	3.0	3.5	4.7	4.0	12.6	9.2	21.8
40177	40542	2030	2031	0.2	2.0	4.4	3.1	3.6	4.8	4.0	12.7	9.2	22.0
40542	40908	2031	2032	0.2	2.0	4.5	3.1	3.6	4.8	4.0	12.8	9.2	22.0
40908	41273	2032	2033	0.2	2.0	4.5	3.1	3.6	4.8	4.0	12.8	9.3	22.1
41273	41638	2033	2034	0.2	2.0	4.5	3.1	3.6	4.8	4.0	12.8	9.3	22.1
41638	42003	2034	2035	0.2	2.0	4.5	3.1	3.6	4.8	4.0	12.9	9.3	22.2
42003	42369	2035	2036	0.2	2.0	4.5	3.1	3.6	4.8	4.0	12.9	9.3	22.2
42369	42734	2036	2037	0.2	2.0	4.5	3.1	3.6	4.8	4.0	12.9	9.3	22.2
42734	43099	2037	2038	0.2	2.0	4.5	3.1	3.6	4.8	4.0	12.9	9.3	22.2
43099	43464	2038	2039	0.2	2.0	4.5	3.1	3.6	4.8	4.1	12.9	9.4	22.2
43464	43830	2039	2040	0.2	2.0	4.5	3.1	3.6	4.8	4.1	12.9	9.4	22.3
43830	44195	2040	2041	0.2	2.0	4.6	3.1	3.6	4.8	4.1	13.0	9.4	22.4
44195	44560	2041	2042	0.2	2.0	4.6	3.1	3.6	4.8	4.1	13.1	9.4	22.5
44560	44925	2042	2043	0.2	2.0	4.6	3.1	3.6	4.8	4.1	13.1	9.4	22.5
44925	45291	2043	2044	0.2	2.1	4.6	3.1	3.7	4.8	4.1	13.1	9.5	22.6
45291	45656	2044	2045	0.2	2.1	4.6	3.1	3.7	4.8	4.1	13.1	9.5	22.6
45656	46021	2045	2046	0.2	2.1	4.6	3.1	3.7	4.8	4.1	13.1	9.5	22.6
46021	46386	2046	2047	0.2	2.1	4.6	3.1	3.7	4.8	4.1	13.1	9.5	22.6
46386	46752	2047	2048	0.2	2.1	4.6	3.1	3.7	4.8	4.1	13.2	9.5	22.7
46752	47117	2048	2049	0.2	2.1	4.6	3.1	3.7	4.9	4.1	13.2	9.5	22.7
47117	47482	2049	2050	0.2	2.1	4.6	3.1	3.7	4.9	4.1	13.2	9.5	22.7
47482	47847	2050	2051	0.2	2.1	4.7	3.2	3.7	4.9	4.2	13.3	9.6	22.8
47847	48213	2051	2052	0.2	2.1	4.7	3.2	3.7	4.9	4.2	13.3	9.6	22.9
48213	48578	2052	2053	0.2	2.1	4.7	3.2	3.7	4.9	4.2	13.3	9.6	23.0
48578	48943	2053	2054	0.2	2.1	4.8	3.2	3.7	4.9	4.2	13.4	9.6	23.0
48943	49308	2054	2055	0.2	2.1	4.8	3.2	3.7	4.9	4.2	13.4	9.7	23.0
49308	49674	2055	2056	0.2	2.1	4.8	3.2	3.7	4.9	4.2	13.4	9.7	23.1
49674	50039	2056	2057	0.2	2.1	4.8	3.2	3.7	4.9	4.2	13.4	9.7	23.1
50039	50404	2057	2058	0.2	2.1	4.8	3.2	3.7	4.9	4.2	13.4	9.7	23.1
50404	50769	2058	2059	0.2	2.1	4.8	3.2	3.7	4.9	4.2	13.4	9.7	23.2
50769	51135	2059	2060	0.2	2.1	4.8	3.2	3.7	4.9	4.2	13.4	9.7	23.2
51135	51500	2060	2061	0.2	2.1	4.8	3.2	3.8	4.9	4.3	13.5	9.8	23.3
51500	51865	2061	2062	0.2	2.1	4.9	3.2	3.8	4.9	4.3	13.6	9.8	23.4
51865	52230	2062	2063	0.2	2.1	4.9	3.3	3.8	5.0	4.3	13.6	9.8	23.4
52230	52596	2063	2064	0.2	2.1	4.9	3.3	3.8	5.0	4.3	13.6	9.9	23.5
52596	52961	2064	2065	0.2	2.1	4.9	3.3	3.8	5.0	4.3	13.7	9.9	23.5
52961	53326	2065	2066	0.2	2.1	4.9	3.3	3.8	5.0	4.3	13.7	9.9	23.6
53326	53691	2066	2067	0.2	2.1	4.9	3.3	3.8	5.0	4.3	13.7	9.9	23.6

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	0.2	2.1	4.9	3.3	3.8	5.0	4.3	13.7	9.9	23.6
54057	54422	2068	2069	0.2	2.1	4.9	3.3	3.8	5.0	4.3	13.7	10.0	23.7
54422	54787	2069	2070	0.2	2.1	4.9	3.3	3.8	5.0	4.4	13.7	10.0	23.7
54787	55152	2070	2071	0.2	2.1	5.0	3.3	3.8	5.0	4.4	13.8	10.0	23.8
55152	55518	2071	2072	0.2	2.1	5.0	3.4	3.8	5.0	4.4	13.9	10.1	23.9
55518	55883	2072	2073	0.2	2.1	5.0	3.4	3.8	5.1	4.4	13.9	10.1	24.0
55883	56248	2073	2074	0.2	2.1	5.0	3.4	3.9	5.1	4.4	13.9	10.1	24.0
56248	56613	2074	2075	0.2	2.1	5.0	3.4	3.9	5.1	4.4	13.9	10.1	24.1
56613	56979	2075	2076	0.2	2.1	5.0	3.4	3.9	5.1	4.4	14.0	10.2	24.1
56979	57344	2076	2077	0.2	2.1	5.0	3.4	3.9	5.1	4.4	14.0	10.2	24.2
57344	57709	2077	2078	0.2	2.1	5.0	3.4	3.9	5.1	4.4	14.0	10.2	24.2
57709	58074	2078	2079	0.2	2.1	5.0	3.4	3.9	5.1	4.5	14.0	10.2	24.3
58074	58440	2079	2080	0.2	2.1	5.0	3.4	3.9	5.1	4.5	14.0	10.2	24.3
58440	58805	2080	2081	0.2	2.1	5.1	3.5	3.9	5.1	4.5	14.1	10.3	24.4
58805	59170	2081	2082	0.2	2.1	5.1	3.5	3.9	5.2	4.5	14.2	10.3	24.5
59170	59535	2082	2083	0.2	2.1	5.1	3.5	3.9	5.2	4.5	14.2	10.4	24.6
59535	59901	2083	2084	0.2	2.2	5.1	3.5	4.0	5.2	4.5	14.2	10.4	24.7
59901	60266	2084	2085	0.2	2.2	5.1	3.5	4.0	5.2	4.5	14.3	10.4	24.7
60266	60631	2085	2086	0.2	2.2	5.1	3.6	4.0	5.2	4.5	14.3	10.5	24.8
60631	60996	2086	2087	0.2	2.2	5.1	3.6	4.0	5.2	4.6	14.3	10.5	24.8
60996	61362	2087	2088	0.2	2.2	5.1	3.6	4.0	5.2	4.6	14.4	10.5	24.9
61362	61727	2088	2089	0.2	2.2	5.1	3.6	4.0	5.2	4.6	14.4	10.5	24.9
61727	62092	2089	2090	0.2	2.2	5.1	3.6	4.0	5.3	4.6	14.4	10.6	25.0
62092	62457	2090	2091	0.2	2.2	5.2	3.6	4.0	5.3	4.6	14.5	10.6	25.1
62457	62823	2091	2092	0.2	2.2	5.2	3.7	4.1	5.3	4.6	14.5	10.7	25.2
62823	63188	2092	2093	0.2	2.2	5.2	3.7	4.1	5.3	4.6	14.6	10.7	25.3
63188	63553	2093	2094	0.2	2.2	5.2	3.7	4.1	5.3	4.6	14.6	10.8	25.4
63553	63918	2094	2095	0.2	2.2	5.2	3.7	4.1	5.4	4.7	14.7	10.8	25.5
63918	64284	2095	2096	0.2	2.2	5.2	3.7	4.1	5.4	4.7	14.7	10.8	25.5
64284	64649	2096	2097	0.2	2.2	5.2	3.7	4.1	5.4	4.7	14.8	10.8	25.6
64649	65014	2097	2098	0.2	2.2	5.2	3.8	4.2	5.4	4.7	14.8	10.9	25.7
65014	65379	2098	2099	0.2	2.2	5.2	3.8	4.2	5.4	4.7	14.8	10.9	25.7
65379	65745	2099	2100	0.2	2.2	5.2	3.8	4.2	5.4	4.7	14.9	10.9	25.8
65745	66110	2100	2101	0.2	2.2	5.3	3.8	4.2	5.4	4.7	14.9	11.0	25.9
66110	66475	2101	2102	0.2	2.2	5.3	3.8	4.2	5.5	4.7	15.0	11.0	26.0
66475	66840	2102	2103	0.2	2.2	5.3	3.9	4.3	5.5	4.8	15.1	11.1	26.2
66840	67206	2103	2104	0.2	2.2	5.3	3.9	4.3	5.5	4.8	15.1	11.1	26.3
67206	67571	2104	2105	0.2	2.3	5.3	3.9	4.3	5.5	4.8	15.2	11.2	26.3
67571	67936	2105	2106	0.2	2.3	5.3	3.9	4.3	5.6	4.8	15.2	11.2	26.4
67936	68301	2106	2107	0.2	2.3	5.3	3.9	4.4	5.6	4.8	15.3	11.3	26.5
68301	68667	2107	2108	0.2	2.3	5.3	4.0	4.4	5.6	4.8	15.3	11.3	26.6
68667	69032	2108	2109	0.2	2.3	5.3	4.0	4.4	5.6	4.8	15.3	11.3	26.7
69032	69397	2109	2110	0.2	2.3	5.3	4.0	4.4	5.6	4.8	15.3	11.3	26.7
	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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
3652	7305	1930	1940	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
7305	14610	1940	1960	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
14610	18263	1960	1970	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
18263	21915	1970	1980	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
21915	24837	1980	1988	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
24837	25202	1988	1989	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
25202	25567	1989	1990	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
25567	25932	1990	1991	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
25932	26298	1991	1992	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3
26298	26663	1992	1993	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3
26663	27028	1993	1994	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3
27028	27393	1994	1995	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3
27393	27759	1995	1996	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3
27759	28124	1996	1997	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3
28124	28489	1997	1998	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3
28489	28854	1998	1999	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3
28854	29220	1999	2000	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
29220	29585	2000	2001	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
29585	29950	2001	2002	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
29950	30315	2002	2003	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
30315	30681	2003	2004	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
30681	31046	2004	2005	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
31046	31411	2005	2006	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
31411	31776	2006	2007	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
31776	32142	2007	2008	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
32142	32507	2008	2009	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
32507	32872	2009	2010	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
32872	33237	2010	2011	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
33237	33603	2011	2012	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
33603	33968	2012	2013	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
33968	34333	2013	2014	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
34333	34698	2014	2015	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
34698	35064	2015	2016	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
35064	35429	2016	2017	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
35429	35794	2017	2018	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
35794	36159	2018	2019	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4
36159	36525	2019	2020	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4
36525	36890	2020	2021	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4
36890	37255	2021	2022	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
37255	37620	2022	2023	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
37620	37986	2023	2024	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
37986	38351	2024	2025	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4

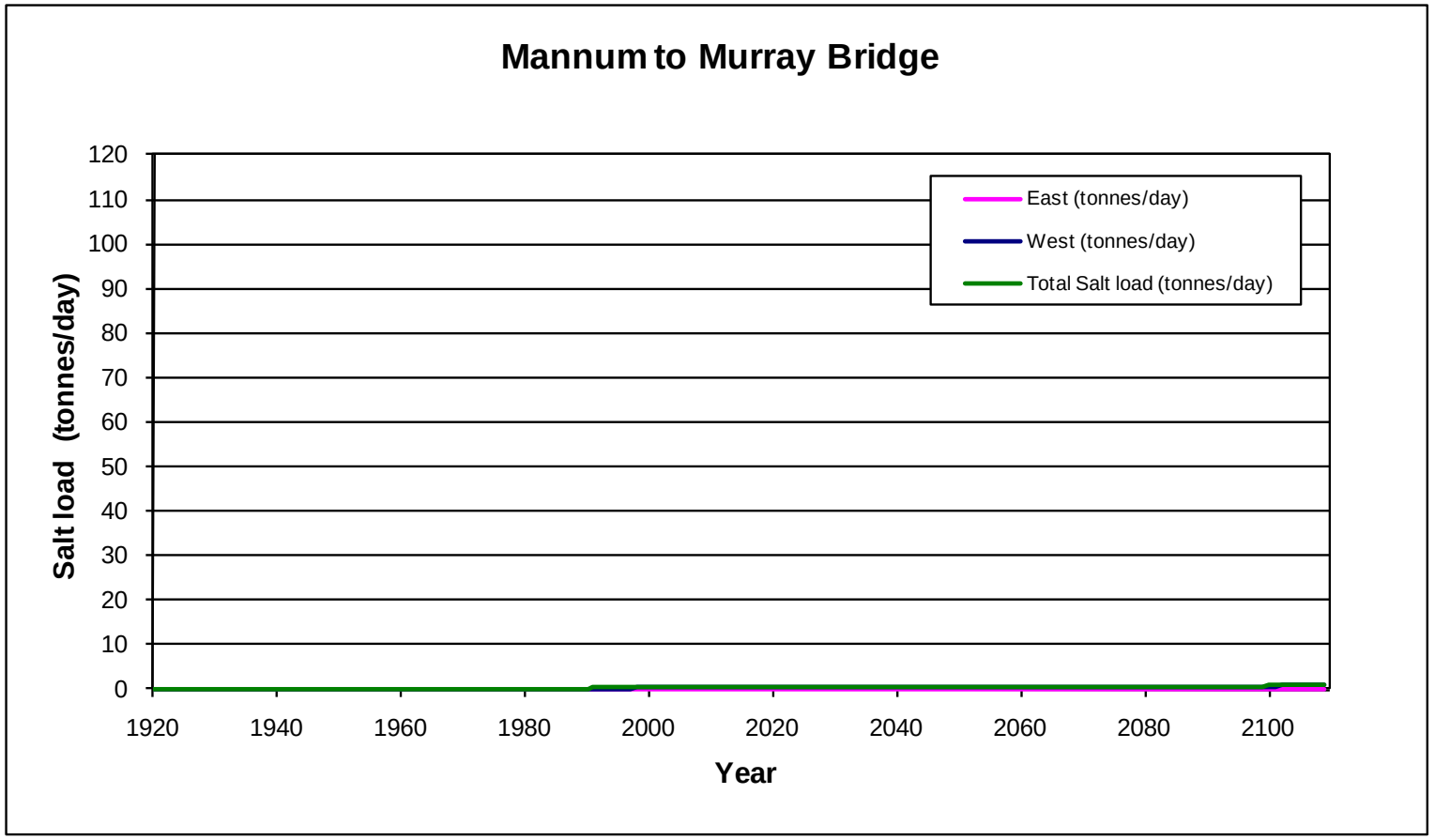
B-5(S2) Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 2) (floodplain to River)

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	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
38716	39081	2026	2027	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
39081	39447	2027	2028	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
39447	39812	2028	2029	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
39812	40177	2029	2030	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
40177	40542	2030	2031	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
40542	40908	2031	2032	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
40908	41273	2032	2033	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
41273	41638	2033	2034	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
41638	42003	2034	2035	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
42003	42369	2035	2036	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
42369	42734	2036	2037	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5
42734	43099	2037	2038	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5
43099	43464	2038	2039	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5
43464	43830	2039	2040	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5
43830	44195	2040	2041	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
44195	44560	2041	2042	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
44560	44925	2042	2043	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
44925	45291	2043	2044	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
45291	45656	2044	2045	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
45656	46021	2045	2046	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
46021	46386	2046	2047	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
46386	46752	2047	2048	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
46752	47117	2048	2049	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
47117	47482	2049	2050	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
47482	47847	2050	2051	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
47847	48213	2051	2052	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
48213	48578	2052	2053	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
48578	48943	2053	2054	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
48943	49308	2054	2055	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
49308	49674	2055	2056	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
49674	50039	2056	2057	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
50039	50404	2057	2058	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
50404	50769	2058	2059	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
50769	51135	2059	2060	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
51135	51500	2060	2061	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6
51500	51865	2061	2062	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6
51865	52230	2062	2063	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6
52230	52596	2063	2064	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6
52596	52961	2064	2065	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6
52961	53326	2065	2066	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6
53326	53691	2066	2067	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6

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	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
54057	54422	2068	2069	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
54422	54787	2069	2070	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
54787	55152	2070	2071	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
55152	55518	2071	2072	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
55518	55883	2072	2073	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
55883	56248	2073	2074	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
56248	56613	2074	2075	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
56613	56979	2075	2076	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
56979	57344	2076	2077	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
57344	57709	2077	2078	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
57709	58074	2078	2079	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
58074	58440	2079	2080	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
58440	58805	2080	2081	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
58805	59170	2081	2082	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
59170	59535	2082	2083	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
59535	59901	2083	2084	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
59901	60266	2084	2085	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
60266	60631	2085	2086	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
60631	60996	2086	2087	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
60996	61362	2087	2088	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7
61362	61727	2088	2089	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7
61727	62092	2089	2090	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7
62092	62457	2090	2091	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7
62457	62823	2091	2092	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
62823	63188	2092	2093	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
63188	63553	2093	2094	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
63553	63918	2094	2095	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
63918	64284	2095	2096	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
64284	64649	2096	2097	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
64649	65014	2097	2098	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
65014	65379	2098	2099	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
65379	65745	2099	2100	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
65745	66110	2100	2101	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
66110	66475	2101	2102	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8
66475	66840	2102	2103	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8
66840	67206	2103	2104	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8
67206	67571	2104	2105	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8
67571	67936	2105	2106	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8
67936	68301	2106	2107	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8
68301	68667	2107	2108	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8
68667	69032	2108	2109	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8
69032	69397	2109	2110	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8
	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	239	352	267	599	607	469	***1558***	***1006***	**2564**
3652	*7305*	1930	1940	19	206	264	1052	512	496	422	***1272***	***1699***	**2971**
7305	*14610*	1940	1960	20	233	279	2665	527	504	432	***1310***	***3350***	**4660**
14610	*18263*	1960	1970	36	600	673	2690	917	507	435	***2097***	***3762***	**5859**
18263	*21915*	1970	1980	45	648	695	2703	935	510	438	***2140***	***3833***	**5973**
21915	*24837*	1980	1988	47	662	702	2710	942	512	439	***2155***	***3858***	**6014**
24837	*25202*	1988	1989	47	663	702	2710	942	512	439	***2156***	***3860***	**6017**
25202	*25567*	1989	1990	47	664	703	2711	943	512	440	***2157***	***3861***	**6018**
25567	*25932*	1990	1991	47	665	703	2711	943	512	440	***2158***	***3862***	**6020**
25932	*26298*	1991	1992	47	665	703	2711	943	512	440	***2158***	***3863***	**6022**
26298	*26663*	1992	1993	47	666	703	2711	944	512	440	***2159***	***3864***	**6023**
26663	*27028*	1993	1994	47	666	704	2712	944	512	440	***2160***	***3865***	**6025**
27028	*27393*	1994	1995	48	667	704	2712	944	512	440	***2160***	***3866***	**6026**
27393	*27759*	1995	1996	48	668	704	2738	945	512	440	***2161***	***3894***	**6056**
27759	*28124*	1996	1997	48	670	705	2763	945	512	440	***2163***	***3921***	**6084**
28124	*28489*	1997	1998	48	673	705	2781	946	513	441	***2164***	***3942***	**6106**
28489	*28854*	1998	1999	48	676	706	2795	946	513	441	***2165***	***3959***	**6124**
28854	*29220*	1999	2000	48	678	706	2805	947	513	441	***2166***	***3972***	**6138**
29220	*29585*	2000	2001	48	681	707	2814	947	513	441	***2167***	***3984***	**6151**
29585	*29950*	2001	2002	49	694	707	2849	978	546	478	***2231***	***4069***	**6301**
29950	*30315*	2002	2003	50	711	708	2864	990	563	496	***2261***	***4121***	**6382**
30315	*30681*	2003	2004	51	724	709	2876	998	574	506	***2281***	***4157***	**6438**
30681	*31046*	2004	2005	53	735	710	2884	1003	583	512	***2295***	***4184***	**6480**
31046	*31411*	2005	2006	54	744	711	2891	1006	589	517	***2306***	***4206***	**6513**
31411	*31776*	2006	2007	55	752	712	2897	1009	594	520	***2316***	***4224***	**6540**
31776	*32142*	2007	2008	56	759	714	2901	1012	598	523	***2323***	***4239***	**6562**
32142	*32507*	2008	2009	57	764	715	2906	1014	602	525	***2330***	***4252***	**6582**
32507	*32872*	2009	2010	57	769	716	2909	1015	605	527	***2336***	***4263***	**6599**
32872	*33237*	2010	2011	58	774	717	2912	1017	608	528	***2342***	***4272***	**6614**
33237	*33603*	2011	2012	58	778	718	2915	1018	610	530	***2347***	***4281***	**6627**
33603	*33968*	2012	2013	58	782	719	2918	1020	612	531	***2351***	***4289***	**6640**
33968	*34333*	2013	2014	58	785	720	2920	1021	614	532	***2355***	***4296***	**6651**
34333	*34698*	2014	2015	59	788	721	2922	1022	616	533	***2359***	***4302***	**6661**
34698	*35064*	2015	2016	59	791	722	2924	1023	618	534	***2363***	***4308***	**6670**
35064	*35429*	2016	2017	59	794	723	2926	1024	619	535	***2366***	***4313***	**6679**
35429	*35794*	2017	2018	59	796	724	2928	1025	621	535	***2369***	***4318***	**6687**
35794	*36159*	2018	2019	59	798	725	2929	1025	622	536	***2372***	***4323***	**6694**
36159	*36525*	2019	2020	59	800	726	2931	1026	623	537	***2375***	***4327***	**6702**
36525	*36890*	2020	2021	60	802	726	2932	1027	624	537	***2377***	***4331***	**6707**
36890	*37255*	2021	2022	60	804	727	2933	1027	625	538	***2379***	***4334***	**6713**
37255	*37620*	2022	2023	60	805	728	2934	1028	626	538	***2382***	***4338***	**6719**
37620	*37986*	2023	2024	60	807	728	2935	1029	627	539	***2384***	***4341***	**6724**
37986	*38351*	2024	2025	60	808	729	2936	1029	628	539	***2386***	***4344***	**6729**

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	60	810	729	2937	1030	628	540	2387	4346	6734
38716	39081	2026	2027	60	811	730	2938	1030	629	540	2389	4349	6738
39081	39447	2027	2028	60	812	731	2939	1031	630	541	2391	4352	6742
39447	39812	2028	2029	60	813	731	2939	1031	630	541	2392	4354	6746
39812	40177	2029	2030	60	814	732	2940	1032	631	541	2394	4356	6750
40177	40542	2030	2031	61	815	732	2941	1032	631	542	2396	4358	6754
40542	40908	2031	2032	61	816	733	2942	1033	632	542	2397	4360	6758
40908	41273	2032	2033	61	817	733	2942	1033	632	542	2399	4363	6761
41273	41638	2033	2034	61	818	733	2943	1034	633	543	2400	4364	6764
41638	42003	2034	2035	61	819	734	2943	1034	633	543	2401	4366	6767
42003	42369	2035	2036	61	820	734	2944	1034	634	543	2403	4368	6771
42369	42734	2036	2037	61	821	735	2944	1035	634	544	2404	4369	6773
42734	43099	2037	2038	61	821	735	2945	1035	635	544	2405	4371	6775
43099	43464	2038	2039	61	822	735	2946	1036	635	544	2406	4373	6778
43464	43830	2039	2040	61	823	736	2946	1036	635	544	2407	4374	6781
43830	44195	2040	2041	61	823	736	2946	1036	636	545	2408	4376	6784
44195	44560	2041	2042	61	824	736	2947	1037	636	545	2409	4377	6786
44560	44925	2042	2043	61	824	737	2947	1037	636	545	2410	4378	6788
44925	45291	2043	2044	61	825	737	2948	1037	637	545	2411	4379	6790
45291	45656	2044	2045	61	826	737	2948	1038	637	545	2412	4381	6792
45656	46021	2045	2046	62	826	737	2948	1038	637	546	2413	4382	6794
46021	46386	2046	2047	62	827	738	2949	1038	638	546	2413	4383	6796
46386	46752	2047	2048	62	827	738	2949	1038	638	546	2414	4384	6798
46752	47117	2048	2049	62	828	738	2950	1039	638	546	2415	4385	6800
47117	47482	2049	2050	62	828	738	2950	1039	638	546	2416	4386	6802
47482	47847	2050	2051	62	828	739	2950	1039	639	547	2417	4387	6804
47847	48213	2051	2052	62	829	739	2950	1040	639	547	2417	4388	6805
48213	48578	2052	2053	62	829	739	2951	1040	639	547	2418	4389	6807
48578	48943	2053	2054	62	830	739	2951	1040	639	547	2419	4390	6809
48943	49308	2054	2055	62	830	740	2951	1040	640	547	2420	4391	6810
49308	49674	2055	2056	62	831	740	2952	1041	640	548	2420	4392	6812
49674	50039	2056	2057	62	831	740	2952	1041	640	548	2421	4392	6813
50039	50404	2057	2058	62	831	740	2952	1041	640	548	2422	4393	6815
50404	50769	2058	2059	62	832	740	2952	1041	640	548	2422	4394	6816
50769	51135	2059	2060	62	832	741	2953	1042	641	548	2423	4395	6818
51135	51500	2060	2061	62	832	741	2953	1042	641	548	2424	4396	6819
51500	51865	2061	2062	62	833	741	2953	1042	641	548	2424	4396	6820
51865	52230	2062	2063	62	833	741	2953	1042	641	549	2425	4397	6822
52230	52596	2063	2064	62	833	741	2954	1043	641	549	2425	4398	6823
52596	52961	2064	2065	62	833	741	2954	1043	642	549	2426	4398	6824
52961	53326	2065	2066	62	834	742	2954	1043	642	549	2426	4399	6825
53326	53691	2066	2067	62	834	742	2954	1043	642	549	2427	4399	6826

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	62	834	742	2954	1044	642	549	2427	4400	6827
54057	54422	2068	2069	62	834	742	2955	1044	642	549	2428	4401	6828
54422	54787	2069	2070	62	835	742	2955	1044	642	549	2428	4401	6830
54787	55152	2070	2071	63	835	742	2955	1044	642	550	2429	4402	6830
55152	55518	2071	2072	63	835	742	2955	1044	643	550	2429	4402	6831
55518	55883	2072	2073	63	835	743	2955	1045	643	550	2430	4403	6833
55883	56248	2073	2074	63	835	743	2955	1045	643	550	2430	4403	6833
56248	56613	2074	2075	63	836	743	2956	1045	643	550	2431	4404	6835
56613	56979	2075	2076	63	836	743	2956	1045	643	550	2431	4404	6835
56979	57344	2076	2077	63	836	743	2956	1045	643	550	2432	4405	6836
57344	57709	2077	2078	63	836	743	2956	1046	643	550	2432	4405	6837
57709	58074	2078	2079	63	836	743	2956	1046	643	550	2432	4406	6838
58074	58440	2079	2080	63	837	743	2956	1046	644	550	2433	4406	6839
58440	58805	2080	2081	63	837	744	2956	1046	644	551	2433	4406	6840
58805	59170	2081	2082	63	837	744	2957	1046	644	551	2433	4407	6840
59170	59535	2082	2083	63	837	744	2957	1046	644	551	2434	4407	6841
59535	59901	2083	2084	63	837	744	2957	1046	644	551	2434	4408	6842
59901	60266	2084	2085	63	837	744	2957	1047	644	551	2435	4408	6843
60266	60631	2085	2086	63	838	744	2957	1047	644	551	2435	4408	6843
60631	60996	2086	2087	63	838	744	2957	1047	644	551	2435	4409	6844
60996	61362	2087	2088	63	838	744	2957	1047	644	551	2436	4409	6844
61362	61727	2088	2089	63	838	744	2957	1047	644	551	2436	4409	6845
61727	62092	2089	2090	63	838	744	2957	1047	644	551	2436	4409	6845
62092	62457	2090	2091	63	838	744	2957	1047	645	551	2436	4410	6846
62457	62823	2091	2092	63	838	744	2957	1047	645	551	2436	4410	6846
62823	63188	2092	2093	63	838	745	2958	1048	645	551	2437	4410	6847
63188	63553	2093	2094	63	838	745	2958	1048	645	551	2437	4410	6847
63553	63918	2094	2095	63	838	745	2958	1048	645	551	2437	4411	6848
63918	64284	2095	2096	63	839	745	2958	1048	645	552	2438	4411	6849
64284	64649	2096	2097	63	839	745	2958	1048	645	552	2438	4411	6849
64649	65014	2097	2098	63	839	745	2958	1048	645	552	2438	4411	6849
65014	65379	2098	2099	63	839	745	2958	1048	645	552	2438	4412	6850
65379	65745	2099	2100	63	839	745	2958	1048	645	552	2438	4412	6850
65745	66110	2100	2101	63	839	745	2958	1048	645	552	2439	4412	6851
66110	66475	2101	2102	63	839	745	2958	1049	645	552	2439	4412	6851
66475	66840	2102	2103	63	839	745	2958	1049	645	552	2439	4412	6851
66840	67206	2103	2104	63	839	745	2958	1049	645	552	2439	4413	6852
67206	67571	2104	2105	63	839	745	2958	1049	645	552	2439	4413	6852
67571	67936	2105	2106	63	839	745	2958	1049	645	552	2440	4413	6853
67936	68301	2106	2107	63	839	745	2959	1049	646	552	2440	4413	6853
68301	68667	2107	2108	63	840	745	2959	1049	646	552	2440	4413	6853
68667	69032	2108	2109	63	840	745	2959	1049	646	552	2440	4414	6854
69032	69397	2109	2110	63	840	745	2959	1049	646	552	2440	4414	6854

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	10	15	1	0	0	0	0	1	25	27
3652	7305	1930	1940	10	16	1	75	0	0	0	1	101	102
7305	14610	1940	1960	10	17	1	132	0	0	0	1	160	161
14610	18263	1960	1970	13	21	1	144	0	0	0	1	178	180
18263	21915	1970	1980	16	30	1	150	0	0	0	1	196	197
21915	24837	1980	1988	17	36	1	153	0	0	0	1	206	208
24837	25202	1988	1989	17	37	1	153	0	0	0	1	207	209
25202	25567	1989	1990	17	37	1	153	0	0	0	1	208	209
25567	25932	1990	1991	17	37	1	153	0	0	0	1	208	210
25932	26298	1991	1992	18	38	1	153	0	0	0	1	209	210
26298	26663	1992	1993	18	38	1	154	0	0	0	1	209	211
26663	27028	1993	1994	18	38	1	154	0	0	0	1	210	211
27028	27393	1994	1995	18	39	1	154	0	0	0	1	210	211
27393	27759	1995	1996	18	39	1	194	0	0	0	1	251	252
27759	28124	1996	1997	18	40	1	224	0	0	0	1	282	283
28124	28489	1997	1998	18	40	1	244	0	0	0	1	303	304
28489	28854	1998	1999	18	41	1	259	0	0	0	1	318	319
28854	29220	1999	2000	18	41	1	269	0	0	0	1	328	330
29220	29585	2000	2001	18	42	1	277	0	0	0	1	337	338
29585	29950	2001	2002	18	106	3	299	0	0	7	3	431	434
29950	30315	2002	2003	18	119	5	315	0	0	9	5	462	467
30315	30681	2003	2004	19	126	6	325	0	0	10	6	480	486
30681	31046	2004	2005	19	131	6	332	0	0	11	6	493	499
31046	31411	2005	2006	19	135	7	337	0	0	11	7	502	509
31411	31776	2006	2007	19	138	7	341	0	0	11	7	510	517
31776	32142	2007	2008	19	141	7	345	0	0	12	7	516	523
32142	32507	2008	2009	19	144	7	347	0	0	12	7	522	529
32507	32872	2009	2010	19	146	7	350	0	0	12	7	527	534
32872	33237	2010	2011	19	148	7	352	0	0	12	7	531	538
33237	33603	2011	2012	19	150	7	354	0	0	12	7	535	542
33603	33968	2012	2013	19	151	8	355	0	0	12	8	539	546
33968	34333	2013	2014	19	153	8	357	0	0	13	8	542	549
34333	34698	2014	2015	19	154	8	358	0	0	13	8	545	553
34698	35064	2015	2016	20	156	8	360	0	0	13	8	548	556
35064	35429	2016	2017	20	157	8	361	0	0	13	8	550	558
35429	35794	2017	2018	20	158	8	362	0	0	13	8	553	561
35794	36159	2018	2019	20	160	8	362	0	0	13	8	555	563
36159	36525	2019	2020	20	161	8	363	0	0	13	8	557	565
36525	36890	2020	2021	20	162	8	364	0	0	13	8	559	567
36890	37255	2021	2022	20	163	8	365	0	0	14	8	561	569
37255	37620	2022	2023	20	164	8	365	0	0	14	8	563	571
37620	37986	2023	2024	20	165	8	366	0	0	14	8	565	573
37986	38351	2024	2025	20	166	8	366	0	0	14	8	566	574

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	20	167	8	367	0	0	14	8	568	576
38716	39081	2026	2027	20	167	8	367	0	0	14	8	569	578
39081	39447	2027	2028	21	168	8	368	0	0	14	8	571	579
39447	39812	2028	2029	21	169	8	368	0	0	14	8	572	580
39812	40177	2029	2030	21	170	8	369	0	0	14	8	573	582
40177	40542	2030	2031	21	170	8	369	0	0	14	8	575	583
40542	40908	2031	2032	21	171	9	369	0	0	14	9	576	584
40908	41273	2032	2033	21	172	9	370	0	0	14	9	577	586
41273	41638	2033	2034	21	173	9	370	0	0	14	9	578	587
41638	42003	2034	2035	21	173	9	370	0	0	14	9	579	588
42003	42369	2035	2036	21	174	9	371	0	0	15	9	580	589
42369	42734	2036	2037	21	174	9	371	0	0	15	9	581	590
42734	43099	2037	2038	22	175	9	371	0	0	15	9	582	591
43099	43464	2038	2039	22	176	9	371	0	0	15	9	583	592
43464	43830	2039	2040	22	176	9	372	0	0	15	9	584	593
43830	44195	2040	2041	22	177	9	372	0	0	15	9	585	594
44195	44560	2041	2042	22	177	9	372	0	0	15	9	586	595
44560	44925	2042	2043	22	178	9	372	0	0	15	9	587	596
44925	45291	2043	2044	22	178	9	373	0	0	15	9	588	597
45291	45656	2044	2045	22	179	9	373	0	0	15	9	589	597
45656	46021	2045	2046	23	179	9	373	0	0	15	9	589	598
46021	46386	2046	2047	23	179	9	373	0	0	15	9	590	599
46386	46752	2047	2048	23	180	9	373	0	0	15	9	591	600
46752	47117	2048	2049	23	180	9	373	0	0	15	9	592	601
47117	47482	2049	2050	23	181	9	374	0	0	15	9	592	601
47482	47847	2050	2051	23	181	9	374	0	0	15	9	593	602
47847	48213	2051	2052	23	181	9	374	0	0	15	9	594	603
48213	48578	2052	2053	23	182	9	374	0	0	15	9	594	603
48578	48943	2053	2054	23	182	9	374	0	0	15	9	595	604
48943	49308	2054	2055	24	183	9	374	0	0	15	9	596	605
49308	49674	2055	2056	24	183	9	374	0	0	15	9	596	605
49674	50039	2056	2057	24	183	9	375	0	0	15	9	597	606
50039	50404	2057	2058	24	184	9	375	0	0	15	9	598	607
50404	50769	2058	2059	24	184	9	375	0	0	15	9	598	607
50769	51135	2059	2060	24	184	9	375	0	0	15	9	599	608
51135	51500	2060	2061	24	185	9	375	0	0	15	9	599	608
51500	51865	2061	2062	24	185	9	375	0	0	16	9	600	609
51865	52230	2062	2063	25	185	9	375	0	0	16	9	600	610
52230	52596	2063	2064	25	185	9	375	0	0	16	9	601	610
52596	52961	2064	2065	25	186	9	375	0	0	16	9	601	611
52961	53326	2065	2066	25	186	9	375	0	0	16	9	602	611
53326	53691	2066	2067	25	186	9	376	0	0	16	9	602	612

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	25	186	9	376	0	0	16	9	603	612
54057	54422	2068	2069	25	187	9	376	0	0	16	9	603	612
54422	54787	2069	2070	25	187	9	376	0	0	16	9	604	613
54787	55152	2070	2071	25	187	9	376	0	0	16	9	604	613
55152	55518	2071	2072	26	187	9	376	0	0	16	9	605	614
55518	55883	2072	2073	26	188	9	376	0	0	16	9	605	614
55883	56248	2073	2074	26	188	9	376	0	0	16	9	605	615
56248	56613	2074	2075	26	188	9	376	0	0	16	9	606	615
56613	56979	2075	2076	26	188	9	376	0	0	16	9	606	616
56979	57344	2076	2077	26	188	9	376	0	0	16	9	607	616
57344	57709	2077	2078	26	189	9	376	0	0	16	9	607	616
57709	58074	2078	2079	26	189	9	376	0	0	16	9	608	617
58074	58440	2079	2080	27	189	9	376	0	0	16	9	608	617
58440	58805	2080	2081	27	189	9	376	0	0	16	9	608	617
58805	59170	2081	2082	27	189	9	377	0	0	16	9	608	618
59170	59535	2082	2083	27	189	9	377	0	0	16	9	609	618
59535	59901	2083	2084	27	190	9	377	0	0	16	9	609	618
59901	60266	2084	2085	27	190	9	377	0	0	16	9	610	619
60266	60631	2085	2086	27	190	9	377	0	0	16	9	610	619
60631	60996	2086	2087	27	190	9	377	0	0	16	9	610	619
60996	61362	2087	2088	27	190	9	377	0	0	16	9	610	620
61362	61727	2088	2089	27	190	9	377	0	0	16	9	611	620
61727	62092	2089	2090	27	190	9	377	0	0	16	9	611	620
62092	62457	2090	2091	28	190	9	377	0	0	16	9	611	620
62457	62823	2091	2092	28	191	9	377	0	0	16	9	611	621
62823	63188	2092	2093	28	191	9	377	0	0	16	9	612	621
63188	63553	2093	2094	28	191	9	377	0	0	16	9	612	621
63553	63918	2094	2095	28	191	9	377	0	0	16	9	612	621
63918	64284	2095	2096	28	191	9	377	0	0	16	9	612	622
64284	64649	2096	2097	28	191	9	377	0	0	16	9	612	622
64649	65014	2097	2098	28	191	9	377	0	0	16	9	613	622
65014	65379	2098	2099	28	191	9	377	0	0	16	9	613	622
65379	65745	2099	2100	28	191	9	377	0	0	16	9	613	622
65745	66110	2100	2101	28	191	9	377	0	0	16	9	613	623
66110	66475	2101	2102	28	192	9	377	0	0	16	9	613	623
66475	66840	2102	2103	28	192	9	377	0	0	16	9	614	623
66840	67206	2103	2104	29	192	9	377	0	0	16	9	614	623
67206	67571	2104	2105	29	192	9	377	0	0	16	9	614	623
67571	67936	2105	2106	29	192	9	377	0	0	16	9	614	624
67936	68301	2106	2107	29	192	9	377	0	0	16	9	614	624
68301	68667	2107	2108	29	192	9	377	0	0	16	9	615	624
68667	69032	2108	2109	29	192	9	377	0	0	16	9	615	624
69032	69397	2109	2110	29	192	9	377	0	0	16	9	615	624

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	1.4	3.5	1.9	3.0	4.2	3.3	***10.8***	***6.7***	**17.5**
3652	*7305*	1930	1940	0.1	1.2	2.6	7.4	2.6	3.5	3.0	***8.7***	***11.6***	**20.3**
7305	*14610*	1940	1960	0.1	1.4	2.8	18.7	2.6	3.5	3.0	***9.0***	***23.2***	**32.1**
14610	*18263*	1960	1970	0.2	3.6	6.7	18.8	4.6	3.5	3.0	***14.9***	***25.7***	**40.5**
18263	*21915*	1970	1980	0.2	3.9	7.0	18.9	4.7	3.6	3.1	***15.2***	***26.1***	**41.3**
21915	*24837*	1980	1988	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	**41.6**
24837	*25202*	1988	1989	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	**41.6**
25202	*25567*	1989	1990	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	**41.6**
25567	*25932*	1990	1991	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	**41.6**
25932	*26298*	1991	1992	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	**41.6**
26298	*26663*	1992	1993	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	**41.6**
26663	*27028*	1993	1994	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	**41.6**
27028	*27393*	1994	1995	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	**41.6**
27393	*27759*	1995	1996	0.2	4.0	7.0	19.2	4.7	3.6	3.1	***15.4***	***26.5***	**41.8**
27759	*28124*	1996	1997	0.2	4.0	7.0	19.3	4.7	3.6	3.1	***15.4***	***26.7***	**42.0**
28124	*28489*	1997	1998	0.2	4.0	7.1	19.5	4.7	3.6	3.1	***15.4***	***26.8***	**42.2**
28489	*28854*	1998	1999	0.2	4.1	7.1	19.6	4.7	3.6	3.1	***15.4***	***26.9***	**42.3**
28854	*29220*	1999	2000	0.2	4.1	7.1	19.6	4.7	3.6	3.1	***15.4***	***27.0***	**42.4**
29220	*29585*	2000	2001	0.2	4.1	7.1	19.7	4.7	3.6	3.1	***15.4***	***27.1***	**42.5**
29585	*29950*	2001	2002	0.2	4.2	7.1	19.9	4.9	3.8	3.3	***15.8***	***27.7***	**43.5**
29950	*30315*	2002	2003	0.2	4.3	7.1	20.1	5.0	3.9	3.5	***16.0***	***28.0***	**44.0**
30315	*30681*	2003	2004	0.3	4.3	7.1	20.1	5.0	4.0	3.5	***16.1***	***28.3***	**44.4**
30681	*31046*	2004	2005	0.3	4.4	7.1	20.2	5.0	4.1	3.6	***16.2***	***28.5***	**44.6**
31046	*31411*	2005	2006	0.3	4.5	7.1	20.2	5.0	4.1	3.6	***16.3***	***28.6***	**44.9**
31411	*31776*	2006	2007	0.3	4.5	7.1	20.3	5.0	4.2	3.6	***16.3***	***28.7***	**45.0**
31776	*32142*	2007	2008	0.3	4.6	7.1	20.3	5.1	4.2	3.7	***16.4***	***28.8***	**45.2**
32142	*32507*	2008	2009	0.3	4.6	7.1	20.3	5.1	4.2	3.7	***16.4***	***28.9***	**45.3**
32507	*32872*	2009	2010	0.3	4.6	7.2	20.4	5.1	4.2	3.7	***16.5***	***29.0***	**45.4**
32872	*33237*	2010	2011	0.3	4.6	7.2	20.4	5.1	4.3	3.7	***16.5***	***29.0***	**45.5**
33237	*33603*	2011	2012	0.3	4.7	7.2	20.4	5.1	4.3	3.7	***16.5***	***29.1***	**45.6**
33603	*33968*	2012	2013	0.3	4.7	7.2	20.4	5.1	4.3	3.7	***16.6***	***29.1***	**45.7**
33968	*34333*	2013	2014	0.3	4.7	7.2	20.4	5.1	4.3	3.7	***16.6***	***29.2***	**45.8**
34333	*34698*	2014	2015	0.3	4.7	7.2	20.5	5.1	4.3	3.7	***16.6***	***29.2***	**45.8**
34698	*35064*	2015	2016	0.3	4.7	7.2	20.5	5.1	4.3	3.7	***16.7***	***29.2***	**45.9**
35064	*35429*	2016	2017	0.3	4.8	7.2	20.5	5.1	4.3	3.7	***16.7***	***29.3***	**46.0**
35429	*35794*	2017	2018	0.3	4.8	7.2	20.5	5.1	4.3	3.7	***16.7***	***29.3***	**46.0**
35794	*36159*	2018	2019	0.3	4.8	7.2	20.5	5.1	4.4	3.8	***16.7***	***29.3***	**46.1**
36159	*36525*	2019	2020	0.3	4.8	7.3	20.5	5.1	4.4	3.8	***16.7***	***29.4***	**46.1**
36525	*36890*	2020	2021	0.3	4.8	7.3	20.5	5.1	4.4	3.8	***16.8***	***29.4***	**46.2**
36890	*37255*	2021	2022	0.3	4.8	7.3	20.5	5.1	4.4	3.8	***16.8***	***29.4***	**46.2**
37255	*37620*	2022	2023	0.3	4.8	7.3	20.5	5.1	4.4	3.8	***16.8***	***29.4***	**46.2**
37620	*37986*	2023	2024	0.3	4.8	7.3	20.5	5.1	4.4	3.8	***16.8***	***29.5***	**46.3**
37986	*38351*	2024	2025	0.3	4.8	7.3	20.6	5.1	4.4	3.8	***16.8***	***29.5***	**46.3**

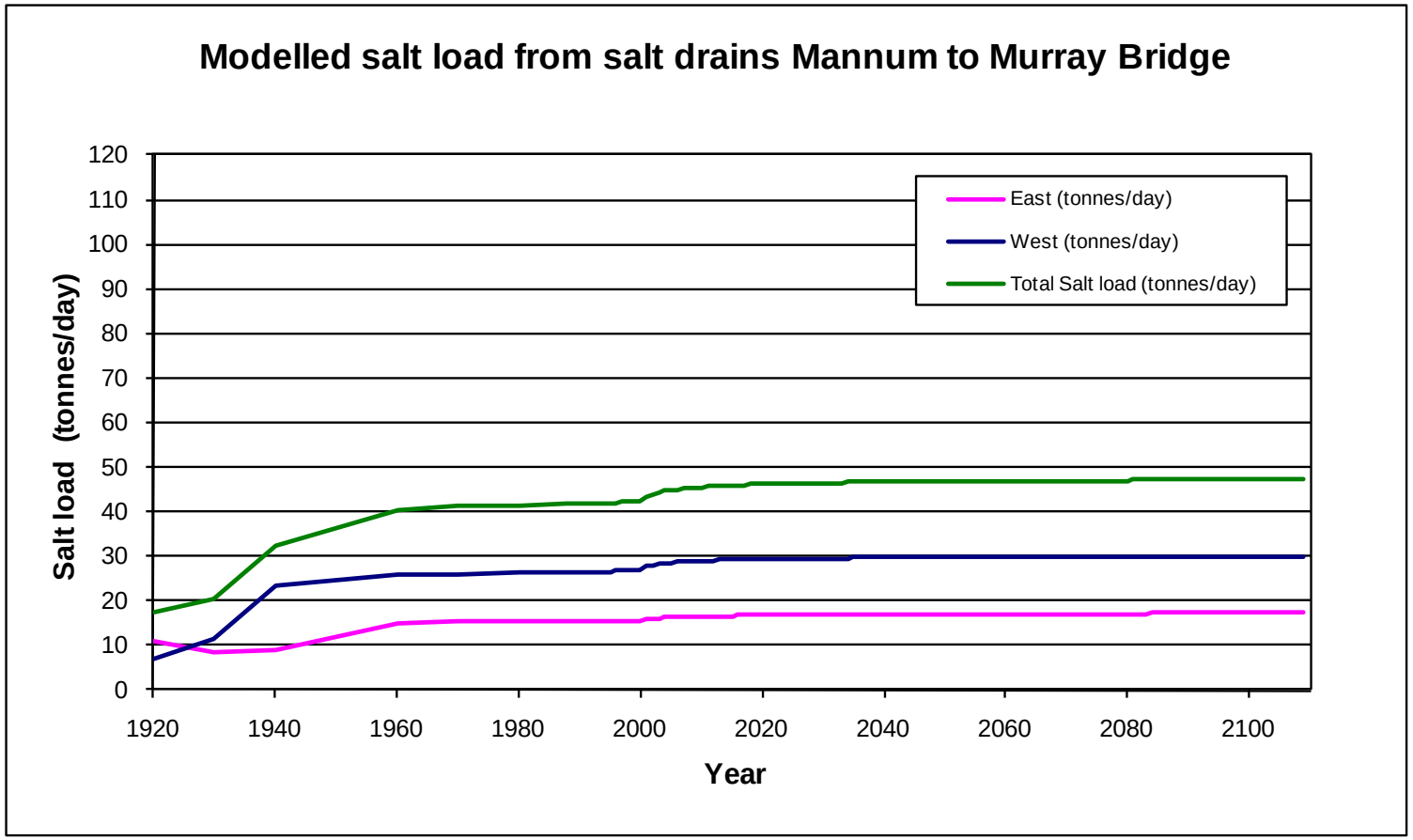
B-5(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3a) (highland to salt drains)

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	0.3	4.9	7.3	20.6	5.1	4.4	3.8	16.8	29.5	46.3
38716	39081	2026	2027	0.3	4.9	7.3	20.6	5.2	4.4	3.8	16.9	29.5	46.4
39081	39447	2027	2028	0.3	4.9	7.3	20.6	5.2	4.4	3.8	16.9	29.5	46.4
39447	39812	2028	2029	0.3	4.9	7.3	20.6	5.2	4.4	3.8	16.9	29.5	46.4
39812	40177	2029	2030	0.3	4.9	7.3	20.6	5.2	4.4	3.8	16.9	29.6	46.4
40177	40542	2030	2031	0.3	4.9	7.3	20.6	5.2	4.4	3.8	16.9	29.6	46.5
40542	40908	2031	2032	0.3	4.9	7.3	20.6	5.2	4.4	3.8	16.9	29.6	46.5
40908	41273	2032	2033	0.3	4.9	7.3	20.6	5.2	4.4	3.8	16.9	29.6	46.5
41273	41638	2033	2034	0.3	4.9	7.3	20.6	5.2	4.4	3.8	16.9	29.6	46.5
41638	42003	2034	2035	0.3	4.9	7.3	20.6	5.2	4.4	3.8	16.9	29.6	46.6
42003	42369	2035	2036	0.3	4.9	7.3	20.6	5.2	4.4	3.8	17.0	29.6	46.6
42369	42734	2036	2037	0.3	4.9	7.3	20.6	5.2	4.4	3.8	17.0	29.6	46.6
42734	43099	2037	2038	0.3	4.9	7.3	20.6	5.2	4.4	3.8	17.0	29.7	46.6
43099	43464	2038	2039	0.3	4.9	7.4	20.6	5.2	4.4	3.8	17.0	29.7	46.6
43464	43830	2039	2040	0.3	4.9	7.4	20.6	5.2	4.4	3.8	17.0	29.7	46.7
43830	44195	2040	2041	0.3	4.9	7.4	20.6	5.2	4.5	3.8	17.0	29.7	46.7
44195	44560	2041	2042	0.3	4.9	7.4	20.6	5.2	4.5	3.8	17.0	29.7	46.7
44560	44925	2042	2043	0.3	4.9	7.4	20.6	5.2	4.5	3.8	17.0	29.7	46.7
44925	45291	2043	2044	0.3	5.0	7.4	20.6	5.2	4.5	3.8	17.0	29.7	46.7
45291	45656	2044	2045	0.3	5.0	7.4	20.6	5.2	4.5	3.8	17.0	29.7	46.7
45656	46021	2045	2046	0.3	5.0	7.4	20.6	5.2	4.5	3.8	17.0	29.7	46.7
46021	46386	2046	2047	0.3	5.0	7.4	20.6	5.2	4.5	3.8	17.0	29.7	46.8
46386	46752	2047	2048	0.3	5.0	7.4	20.6	5.2	4.5	3.8	17.0	29.7	46.8
46752	47117	2048	2049	0.3	5.0	7.4	20.6	5.2	4.5	3.8	17.0	29.7	46.8
47117	47482	2049	2050	0.3	5.0	7.4	20.6	5.2	4.5	3.8	17.0	29.8	46.8
47482	47847	2050	2051	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.1	29.8	46.8
47847	48213	2051	2052	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.1	29.8	46.8
48213	48578	2052	2053	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.1	29.8	46.8
48578	48943	2053	2054	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.1	29.8	46.8
48943	49308	2054	2055	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.1	29.8	46.9
49308	49674	2055	2056	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.1	29.8	46.9
49674	50039	2056	2057	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.1	29.8	46.9
50039	50404	2057	2058	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.1	29.8	46.9
50404	50769	2058	2059	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.1	29.8	46.9
50769	51135	2059	2060	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.1	29.8	46.9
51135	51500	2060	2061	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.1	29.8	46.9
51500	51865	2061	2062	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.1	29.8	46.9
51865	52230	2062	2063	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.1	29.8	46.9
52230	52596	2063	2064	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.1	29.8	46.9
52596	52961	2064	2065	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.1	29.8	47.0
52961	53326	2065	2066	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.1	29.8	47.0
53326	53691	2066	2067	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.1	29.8	47.0

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	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.1	29.8	47.0
54057	54422	2068	2069	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.1	29.8	47.0
54422	54787	2069	2070	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.1	29.8	47.0
54787	55152	2070	2071	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.1	29.9	47.0
55152	55518	2071	2072	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.1	29.9	47.0
55518	55883	2072	2073	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.1	29.9	47.0
55883	56248	2073	2074	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.2	29.9	47.0
56248	56613	2074	2075	0.3	5.0	7.4	20.7	5.2	4.5	3.8	17.2	29.9	47.0
56613	56979	2075	2076	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.0
56979	57344	2076	2077	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.0
57344	57709	2077	2078	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.0
57709	58074	2078	2079	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.0
58074	58440	2079	2080	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.0
58440	58805	2080	2081	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.1
58805	59170	2081	2082	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.1
59170	59535	2082	2083	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.1
59535	59901	2083	2084	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.1
59901	60266	2084	2085	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.1
60266	60631	2085	2086	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.1
60631	60996	2086	2087	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.1
60996	61362	2087	2088	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.1
61362	61727	2088	2089	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.1
61727	62092	2089	2090	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.1
62092	62457	2090	2091	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.1
62457	62823	2091	2092	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.1
62823	63188	2092	2093	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.1
63188	63553	2093	2094	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.1
63553	63918	2094	2095	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.1
63918	64284	2095	2096	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.1
64284	64649	2096	2097	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.1
64649	65014	2097	2098	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.1
65014	65379	2098	2099	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.1
65379	65745	2099	2100	0.3	5.0	7.4	20.7	5.2	4.5	3.9	17.2	29.9	47.1
65745	66110	2100	2101	0.3	5.0	7.5	20.7	5.2	4.5	3.9	17.2	29.9	47.1
66110	66475	2101	2102	0.3	5.0	7.5	20.7	5.2	4.5	3.9	17.2	29.9	47.1
66475	66840	2102	2103	0.3	5.0	7.5	20.7	5.2	4.5	3.9	17.2	29.9	47.1
66840	67206	2103	2104	0.3	5.0	7.5	20.7	5.2	4.5	3.9	17.2	29.9	47.1
67206	67571	2104	2105	0.3	5.0	7.5	20.7	5.2	4.5	3.9	17.2	29.9	47.1
67571	67936	2105	2106	0.3	5.0	7.5	20.7	5.2	4.5	3.9	17.2	29.9	47.1
67936	68301	2106	2107	0.3	5.0	7.5	20.7	5.2	4.5	3.9	17.2	29.9	47.1
68301	68667	2107	2108	0.3	5.0	7.5	20.7	5.2	4.5	3.9	17.2	29.9	47.1
68667	69032	2108	2109	0.3	5.0	7.5	20.7	5.2	4.5	3.9	17.2	29.9	47.1
69032	69397	2109	2110	0.3	5.0	7.5	20.7	5.2	4.5	3.9	17.2	29.9	47.1
	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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
3652	7305	1930	1940	0.1	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.7	0.7
7305	14610	1940	1960	0.1	0.1	0.0	0.9	0.0	0.0	0.0	0.0	1.1	1.1
14610	18263	1960	1970	0.1	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	1.0	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	0.2	0.0	1.8	0.0	0.0	0.0	0.0	2.1	2.2
28854	29220	1999	2000	0.1	0.2	0.0	1.9	0.0	0.0	0.0	0.0	2.2	2.2
29220	29585	2000	2001	0.1	0.3	0.0	1.9	0.0	0.0	0.0	0.0	2.3	2.3
29585	29950	2001	2002	0.1	0.6	0.0	2.1	0.0	0.0	0.1	0.0	2.9	2.9
29950	30315	2002	2003	0.1	0.7	0.0	2.2	0.0	0.0	0.1	0.0	3.1	3.1
30315	30681	2003	2004	0.1	0.8	0.1	2.3	0.0	0.0	0.1	0.1	3.2	3.3
30681	31046	2004	2005	0.1	0.8	0.1	2.3	0.0	0.0	0.1	0.1	3.3	3.3
31046	31411	2005	2006	0.1	0.8	0.1	2.4	0.0	0.0	0.1	0.1	3.3	3.4
31411	31776	2006	2007	0.1	0.8	0.1	2.4	0.0	0.0	0.1	0.1	3.4	3.5
31776	32142	2007	2008	0.1	0.8	0.1	2.4	0.0	0.0	0.1	0.1	3.4	3.5
32142	32507	2008	2009	0.1	0.9	0.1	2.4	0.0	0.0	0.1	0.1	3.5	3.5
32507	32872	2009	2010	0.1	0.9	0.1	2.4	0.0	0.0	0.1	0.1	3.5	3.6
32872	33237	2010	2011	0.1	0.9	0.1	2.5	0.0	0.0	0.1	0.1	3.5	3.6
33237	33603	2011	2012	0.1	0.9	0.1	2.5	0.0	0.0	0.1	0.1	3.6	3.6
33603	33968	2012	2013	0.1	0.9	0.1	2.5	0.0	0.0	0.1	0.1	3.6	3.7
33968	34333	2013	2014	0.1	0.9	0.1	2.5	0.0	0.0	0.1	0.1	3.6	3.7
34333	34698	2014	2015	0.1	0.9	0.1	2.5	0.0	0.0	0.1	0.1	3.6	3.7
34698	35064	2015	2016	0.1	0.9	0.1	2.5	0.0	0.0	0.1	0.1	3.6	3.7
35064	35429	2016	2017	0.1	0.9	0.1	2.5	0.0	0.0	0.1	0.1	3.7	3.7
35429	35794	2017	2018	0.1	1.0	0.1	2.5	0.0	0.0	0.1	0.1	3.7	3.8
35794	36159	2018	2019	0.1	1.0	0.1	2.5	0.0	0.0	0.1	0.1	3.7	3.8
36159	36525	2019	2020	0.1	1.0	0.1	2.5	0.0	0.0	0.1	0.1	3.7	3.8
36525	36890	2020	2021	0.1	1.0	0.1	2.5	0.0	0.0	0.1	0.1	3.7	3.8
36890	37255	2021	2022	0.1	1.0	0.1	2.6	0.0	0.0	0.1	0.1	3.7	3.8
37255	37620	2022	2023	0.1	1.0	0.1	2.6	0.0	0.0	0.1	0.1	3.7	3.8
37620	37986	2023	2024	0.1	1.0	0.1	2.6	0.0	0.0	0.1	0.1	3.7	3.8
37986	38351	2024	2025	0.1	1.0	0.1	2.6	0.0	0.0	0.1	0.1	3.8	3.8

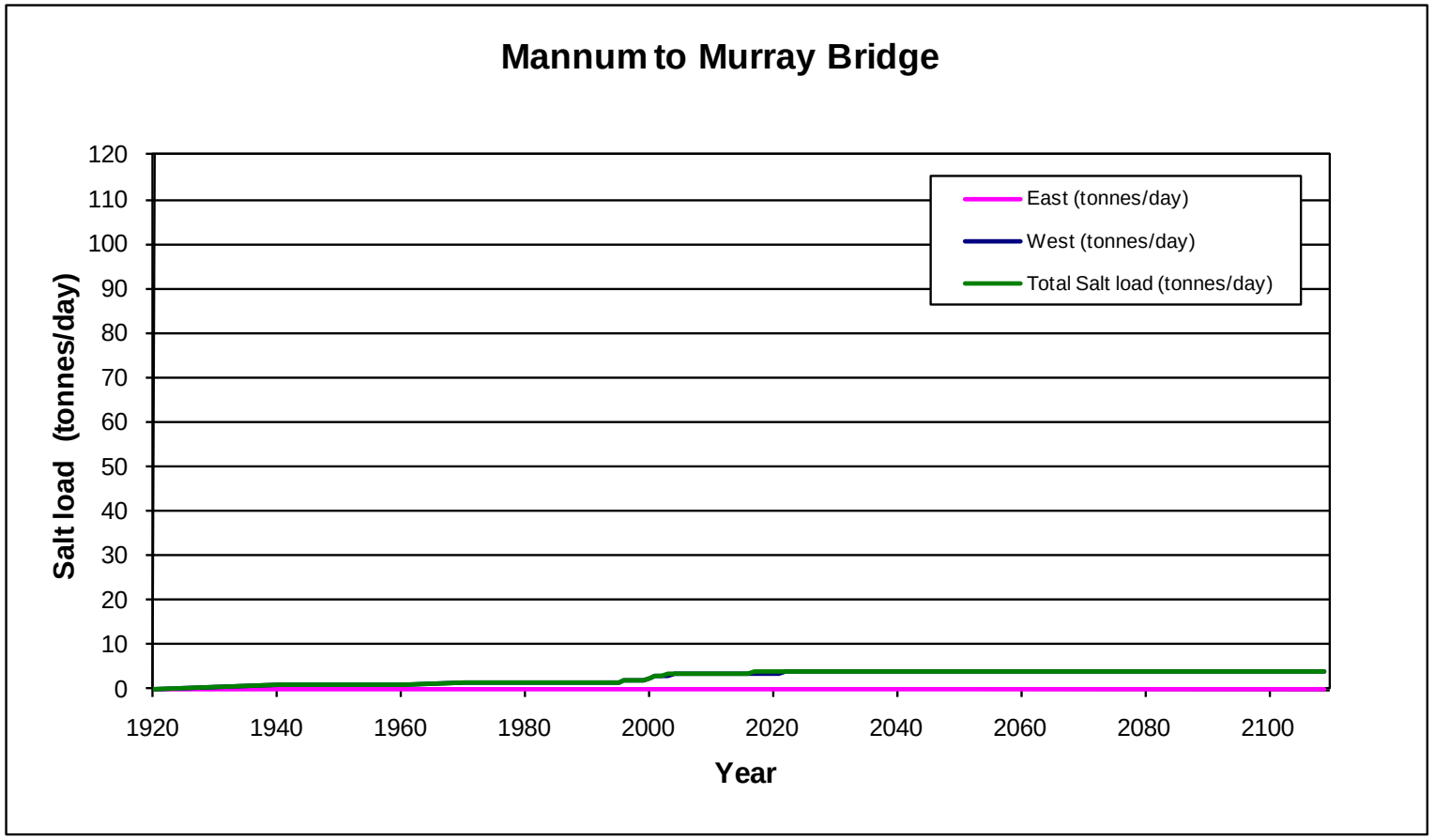
B-5(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3a) (floodplain to river)

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	0.1	1.0	0.1	2.6	0.0	0.0	0.1	0.1	3.8	3.8
38716	39081	2026	2027	0.1	1.0	0.1	2.6	0.0	0.0	0.1	0.1	3.8	3.9
39081	39447	2027	2028	0.1	1.0	0.1	2.6	0.0	0.0	0.1	0.1	3.8	3.9
39447	39812	2028	2029	0.1	1.0	0.1	2.6	0.0	0.0	0.1	0.1	3.8	3.9
39812	40177	2029	2030	0.1	1.0	0.1	2.6	0.0	0.0	0.1	0.1	3.8	3.9
40177	40542	2030	2031	0.1	1.0	0.1	2.6	0.0	0.0	0.1	0.1	3.8	3.9
40542	40908	2031	2032	0.1	1.0	0.1	2.6	0.0	0.0	0.1	0.1	3.8	3.9
40908	41273	2032	2033	0.1	1.0	0.1	2.6	0.0	0.0	0.1	0.1	3.8	3.9
41273	41638	2033	2034	0.1	1.0	0.1	2.6	0.0	0.0	0.1	0.1	3.8	3.9
41638	42003	2034	2035	0.1	1.0	0.1	2.6	0.0	0.0	0.1	0.1	3.8	3.9
42003	42369	2035	2036	0.1	1.0	0.1	2.6	0.0	0.0	0.1	0.1	3.8	3.9
42369	42734	2036	2037	0.1	1.0	0.1	2.6	0.0	0.0	0.1	0.1	3.9	3.9
42734	43099	2037	2038	0.1	1.0	0.1	2.6	0.0	0.0	0.1	0.1	3.9	3.9
43099	43464	2038	2039	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	3.9	4.0
43464	43830	2039	2040	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	3.9	4.0
43830	44195	2040	2041	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	3.9	4.0
44195	44560	2041	2042	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	3.9	4.0
44560	44925	2042	2043	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	3.9	4.0
44925	45291	2043	2044	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	3.9	4.0
45291	45656	2044	2045	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	3.9	4.0
45656	46021	2045	2046	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	3.9	4.0
46021	46386	2046	2047	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	3.9	4.0
46386	46752	2047	2048	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	3.9	4.0
46752	47117	2048	2049	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	3.9	4.0
47117	47482	2049	2050	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	3.9	4.0
47482	47847	2050	2051	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	3.9	4.0
47847	48213	2051	2052	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	3.9	4.0
48213	48578	2052	2053	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	3.9	4.0
48578	48943	2053	2054	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	3.9	4.0
48943	49308	2054	2055	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	3.9	4.0
49308	49674	2055	2056	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	3.9	4.0
49674	50039	2056	2057	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	3.9	4.0
50039	50404	2057	2058	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.0
50404	50769	2058	2059	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.0
50769	51135	2059	2060	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.0
51135	51500	2060	2061	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
51500	51865	2061	2062	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
51865	52230	2062	2063	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
52230	52596	2063	2064	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
52596	52961	2064	2065	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
52961	53326	2065	2066	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
53326	53691	2066	2067	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1

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) (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	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
54057	54422	2068	2069	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
54422	54787	2069	2070	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
54787	55152	2070	2071	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
55152	55518	2071	2072	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
55518	55883	2072	2073	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
55883	56248	2073	2074	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
56248	56613	2074	2075	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
56613	56979	2075	2076	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
56979	57344	2076	2077	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
57344	57709	2077	2078	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
57709	58074	2078	2079	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
58074	58440	2079	2080	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
58440	58805	2080	2081	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
58805	59170	2081	2082	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
59170	59535	2082	2083	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
59535	59901	2083	2084	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
59901	60266	2084	2085	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
60266	60631	2085	2086	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
60631	60996	2086	2087	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
60996	61362	2087	2088	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
61362	61727	2088	2089	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
61727	62092	2089	2090	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
62092	62457	2090	2091	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
62457	62823	2091	2092	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
62823	63188	2092	2093	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
63188	63553	2093	2094	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
63553	63918	2094	2095	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
63918	64284	2095	2096	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
64284	64649	2096	2097	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
64649	65014	2097	2098	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
65014	65379	2098	2099	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
65379	65745	2099	2100	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
65745	66110	2100	2101	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
66110	66475	2101	2102	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
66475	66840	2102	2103	0.1	1.1	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
66840	67206	2103	2104	0.1	1.2	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
67206	67571	2104	2105	0.1	1.2	0.1	2.6	0.0	0.0	0.1	0.1	4.0	4.1
67571	67936	2105	2106	0.1	1.2	0.1	2.6	0.0	0.0	0.1	0.1	4.1	4.1
67936	68301	2106	2107	0.1	1.2	0.1	2.6	0.0	0.0	0.1	0.1	4.1	4.1
68301	68667	2107	2108	0.1	1.2	0.1	2.6	0.0	0.0	0.1	0.1	4.1	4.1
68667	69032	2108	2109	0.1	1.2	0.1	2.6	0.0	0.0	0.1	0.1	4.1	4.1
69032	69397	2109	2110	0.1	1.2	0.1	2.6	0.0	0.0	0.1	0.1	4.1	4.1
	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	239	352	267	599	607	469	*1558*	*1006*	2564
3652	*7305*	1930	1940	19	206	264	1052	512	496	422	*1272*	*1699*	2971
7305	*14610*	1940	1960	20	233	279	2665	527	504	432	*1310*	*3350*	4660
14610	*18263*	1960	1970	36	600	673	2690	917	507	435	*2097*	*3762*	5859
18263	*21915*	1970	1980	45	648	695	2703	935	510	438	*2140*	*3833*	5973
21915	*24837*	1980	1988	47	662	702	2710	942	512	439	*2155*	*3858*	6014
24837	*25202*	1988	1989	47	663	702	2710	942	512	439	*2156*	*3860*	6017
25202	*25567*	1989	1990	47	664	703	2711	943	512	440	*2157*	*3861*	6018
25567	*25932*	1990	1991	47	665	703	2711	943	512	440	*2158*	*3862*	6020
25932	*26298*	1991	1992	47	665	703	2711	943	512	440	*2158*	*3863*	6022
26298	*26663*	1992	1993	47	666	703	2711	944	512	440	*2159*	*3864*	6023
26663	*27028*	1993	1994	47	666	704	2712	944	512	440	*2160*	*3865*	6025
27028	*27393*	1994	1995	48	667	704	2712	944	512	440	*2160*	*3866*	6026
27393	*27759*	1995	1996	48	668	704	2738	945	512	440	*2161*	*3894*	6056
27759	*28124*	1996	1997	48	670	705	2763	945	512	440	*2163*	*3921*	6084
28124	*28489*	1997	1998	48	673	705	2781	946	513	441	*2164*	*3942*	6106
28489	*28854*	1998	1999	49	669	705	2703	931	537	456	*2173*	*3878*	6051
28854	*29220*	1999	2000	51	651	677	2684	900	558	468	*2135*	*3854*	5989
29220	*29585*	2000	2001	51	629	639	2670	875	558	466	*2072*	*3816*	5888
29585	*29950*	2001	2002	51	622	614	2692	890	593	503	*2097*	*3868*	5965
29950	*30315*	2002	2003	52	620	597	2698	886	611	520	*2093*	*3890*	5983
30315	*30681*	2003	2004	53	617	582	2703	878	622	527	*2082*	*3900*	5981
30681	*31046*	2004	2005	54	612	569	2707	868	630	531	*2067*	*3903*	5970
31046	*31411*	2005	2006	55	604	557	2710	857	636	532	*2049*	*3901*	5950
31411	*31776*	2006	2007	56	596	545	2712	845	640	532	*2029*	*3896*	5925
31776	*32142*	2007	2008	56	586	534	2715	832	643	532	*2009*	*3888*	5897
32142	*32507*	2008	2009	57	573	523	2714	815	648	532	*1986*	*3876*	5862
32507	*32872*	2009	2010	56	560	506	2709	803	645	527	*1954*	*3852*	5806
32872	*33237*	2010	2011	56	551	498	2706	797	643	525	*1938*	*3838*	5776
33237	*33603*	2011	2012	56	545	493	2704	793	642	524	*1929*	*3829*	5758
33603	*33968*	2012	2013	55	541	490	2703	791	642	523	*1922*	*3823*	5745
33968	*34333*	2013	2014	55	537	487	2703	788	642	523	*1917*	*3818*	5734
34333	*34698*	2014	2015	55	535	485	2702	787	641	522	*1913*	*3814*	5727
34698	*35064*	2015	2016	54	532	483	2702	785	641	522	*1910*	*3810*	5720
35064	*35429*	2016	2017	54	530	482	2702	784	641	522	*1907*	*3808*	5715
35429	*35794*	2017	2018	54	529	481	2701	783	641	522	*1905*	*3806*	5711
35794	*36159*	2018	2019	54	528	480	2701	782	641	522	*1903*	*3804*	5708
36159	*36525*	2019	2020	54	527	479	2701	781	641	521	*1902*	*3803*	5705
36525	*36890*	2020	2021	54	526	479	2701	780	641	521	*1900*	*3802*	5703
36890	*37255*	2021	2022	53	525	478	2701	779	641	521	*1899*	*3801*	5700
37255	*37620*	2022	2023	53	525	478	2702	779	641	521	*1898*	*3801*	5699
37620	*37986*	2023	2024	53	524	478	2702	779	642	521	*1898*	*3801*	5698
37986	*38351*	2024	2025	53	524	477	2702	778	642	521	*1897*	*3800*	5697

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	53	524	477	2702	778	642	521	1897	3800	5697
38716	39081	2026	2027	53	524	477	2702	778	642	521	1896	3800	5696
39081	39447	2027	2028	53	523	477	2702	777	642	521	1896	3800	5695
39447	39812	2028	2029	53	523	476	2702	777	642	521	1895	3800	5695
39812	40177	2029	2030	53	523	476	2702	777	642	521	1895	3799	5694
40177	40542	2030	2031	53	523	476	2702	777	642	522	1894	3799	5694
40542	40908	2031	2032	53	523	476	2702	776	642	522	1894	3799	5693
40908	41273	2032	2033	53	523	476	2702	776	642	522	1894	3799	5693
41273	41638	2033	2034	53	523	476	2702	776	642	522	1893	3799	5693
41638	42003	2034	2035	53	523	475	2703	776	642	522	1893	3799	5693
42003	42369	2035	2036	53	522	475	2703	776	642	522	1893	3799	5692
42369	42734	2036	2037	53	522	475	2703	775	642	522	1893	3799	5692
42734	43099	2037	2038	53	522	475	2703	775	642	522	1893	3800	5692
43099	43464	2038	2039	53	522	475	2703	775	642	522	1893	3800	5692
43464	43830	2039	2040	53	522	475	2703	775	642	522	1893	3800	5692
43830	44195	2040	2041	53	522	475	2703	775	642	522	1893	3800	5692
44195	44560	2041	2042	53	522	475	2703	775	642	522	1892	3800	5692
44560	44925	2042	2043	53	522	475	2703	775	642	522	1892	3800	5692
44925	45291	2043	2044	53	522	475	2703	775	642	522	1892	3800	5692
45291	45656	2044	2045	53	522	475	2703	775	642	522	1892	3800	5692
45656	46021	2045	2046	53	522	475	2703	775	642	522	1892	3800	5692
46021	46386	2046	2047	53	522	475	2703	775	642	522	1892	3800	5692
46386	46752	2047	2048	53	522	475	2703	775	642	522	1892	3800	5692
46752	47117	2048	2049	53	522	475	2703	775	642	522	1892	3800	5692
47117	47482	2049	2050	53	522	475	2703	775	642	522	1892	3800	5692
47482	47847	2050	2051	53	522	475	2703	775	642	522	1892	3800	5692
47847	48213	2051	2052	53	522	475	2703	775	642	522	1892	3800	5692
48213	48578	2052	2053	53	522	475	2703	775	642	522	1892	3800	5692
48578	48943	2053	2054	53	522	475	2703	775	642	522	1892	3800	5692
48943	49308	2054	2055	53	522	475	2703	775	642	522	1892	3800	5692
49308	49674	2055	2056	53	522	475	2703	775	642	522	1892	3800	5692
49674	50039	2056	2057	53	522	475	2703	775	642	522	1892	3800	5692
50039	50404	2057	2058	53	522	475	2703	775	642	522	1892	3800	5692
50404	50769	2058	2059	53	522	475	2703	775	642	522	1892	3800	5692
50769	51135	2059	2060	53	522	475	2703	775	642	522	1892	3800	5692
51135	51500	2060	2061	53	522	475	2703	775	642	522	1892	3800	5692
51500	51865	2061	2062	53	522	475	2703	775	642	522	1892	3800	5692
51865	52230	2062	2063	53	522	475	2703	775	642	522	1891	3800	5692
52230	52596	2063	2064	53	522	475	2703	774	642	522	1891	3800	5691
52596	52961	2064	2065	53	522	475	2703	774	642	522	1891	3800	5691
52961	53326	2065	2066	53	522	475	2703	774	642	522	1891	3800	5692
53326	53691	2066	2067	53	522	474	2703	774	642	522	1891	3800	5691

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	53	522	474	2703	774	642	522	1891	3800	5691
54057	54422	2068	2069	53	522	474	2703	774	643	522	1891	3800	5691
54422	54787	2069	2070	53	522	474	2703	774	643	522	1891	3800	5692
54787	55152	2070	2071	53	522	474	2703	774	643	522	1891	3800	5691
55152	55518	2071	2072	53	522	474	2703	774	643	522	1891	3800	5691
55518	55883	2072	2073	53	522	474	2703	774	643	522	1891	3800	5691
55883	56248	2073	2074	53	522	474	2703	774	643	522	1891	3800	5691
56248	56613	2074	2075	53	522	474	2704	774	643	522	1891	3800	5691
56613	56979	2075	2076	53	522	474	2704	774	643	522	1891	3800	5691
56979	57344	2076	2077	53	522	474	2704	774	643	522	1891	3800	5691
57344	57709	2077	2078	53	522	474	2704	774	643	522	1891	3800	5691
57709	58074	2078	2079	53	522	474	2704	774	643	522	1891	3800	5691
58074	58440	2079	2080	53	522	474	2704	774	643	522	1891	3801	5691
58440	58805	2080	2081	53	522	474	2704	774	643	522	1891	3801	5691
58805	59170	2081	2082	53	522	474	2704	774	643	522	1891	3801	5691
59170	59535	2082	2083	53	522	474	2704	774	643	522	1891	3801	5691
59535	59901	2083	2084	53	522	474	2704	774	643	522	1891	3801	5691
59901	60266	2084	2085	53	522	474	2704	774	643	522	1891	3801	5692
60266	60631	2085	2086	53	522	474	2704	774	643	522	1891	3801	5691
60631	60996	2086	2087	53	522	474	2704	774	643	522	1891	3801	5691
60996	61362	2087	2088	53	522	474	2704	774	643	522	1891	3801	5691
61362	61727	2088	2089	53	522	474	2704	774	643	522	1891	3801	5691
61727	62092	2089	2090	53	522	474	2704	774	643	522	1891	3801	5692
62092	62457	2090	2091	53	522	474	2704	774	643	522	1891	3801	5692
62457	62823	2091	2092	53	522	474	2704	774	643	522	1891	3801	5692
62823	63188	2092	2093	53	522	474	2704	774	643	522	1891	3801	5692
63188	63553	2093	2094	53	522	474	2704	774	643	522	1891	3801	5692
63553	63918	2094	2095	53	522	474	2704	774	643	522	1890	3801	5692
63918	64284	2095	2096	53	522	474	2704	774	643	522	1890	3801	5692
64284	64649	2096	2097	53	522	474	2704	774	643	522	1890	3801	5692
64649	65014	2097	2098	53	522	474	2704	774	643	522	1890	3801	5692
65014	65379	2098	2099	53	522	474	2704	774	643	522	1890	3801	5692
65379	65745	2099	2100	53	522	474	2704	774	643	522	1890	3801	5692
65745	66110	2100	2101	53	522	474	2704	774	643	522	1890	3801	5692
66110	66475	2101	2102	53	523	474	2704	774	643	522	1890	3801	5692
66475	66840	2102	2103	53	523	474	2704	774	643	522	1890	3801	5692
66840	67206	2103	2104	53	523	474	2704	773	643	522	1890	3801	5692
67206	67571	2104	2105	53	523	474	2704	773	643	522	1890	3801	5692
67571	67936	2105	2106	53	523	474	2704	773	643	522	1890	3801	5692
67936	68301	2106	2107	53	523	474	2704	773	643	522	1890	3802	5692
68301	68667	2107	2108	52	523	474	2704	773	643	522	1890	3802	5692
68667	69032	2108	2109	52	523	474	2704	773	643	522	1890	3802	5692
69032	69397	2109	2110	52	523	474	2704	773	643	522	1890	3802	5692

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	10	15	1	0	0	0	0	1	25	27
3652	7305	1930	1940	10	16	1	75	0	0	0	1	101	102
7305	14610	1940	1960	10	17	1	132	0	0	0	1	160	161
14610	18263	1960	1970	13	21	1	144	0	0	0	1	178	180
18263	21915	1970	1980	16	30	1	150	0	0	0	1	196	197
21915	24837	1980	1988	17	36	1	153	0	0	0	1	206	208
24837	25202	1988	1989	17	37	1	153	0	0	0	1	207	209
25202	25567	1989	1990	17	37	1	153	0	0	0	1	208	209
25567	25932	1990	1991	17	37	1	153	0	0	0	1	208	210
25932	26298	1991	1992	18	38	1	153	0	0	0	1	209	210
26298	26663	1992	1993	18	38	1	154	0	0	0	1	209	211
26663	27028	1993	1994	18	38	1	154	0	0	0	1	210	211
27028	27393	1994	1995	18	39	1	154	0	0	0	1	210	211
27393	27759	1995	1996	18	39	1	194	0	0	0	1	251	252
27759	28124	1996	1997	18	40	1	224	0	0	0	1	282	283
28124	28489	1997	1998	18	40	1	244	0	0	0	1	303	304
28489	28854	1998	1999	18	41	1	256	0	0	0	1	315	316
28854	29220	1999	2000	18	41	1	263	0	0	0	1	322	324
29220	29585	2000	2001	18	42	1	269	0	0	0	1	329	330
29585	29950	2001	2002	18	105	3	289	0	0	7	3	419	422
29950	30315	2002	2003	18	115	5	303	0	0	7	5	442	447
30315	30681	2003	2004	17	117	6	309	0	0	6	6	450	456
30681	31046	2004	2005	17	117	6	313	0	0	5	6	452	458
31046	31411	2005	2006	17	115	6	314	0	0	4	6	451	456
31411	31776	2006	2007	17	113	6	315	0	0	3	6	447	453
31776	32142	2007	2008	17	109	6	314	0	0	1	6	442	447
32142	32507	2008	2009	16	102	5	305	0	0	0	5	424	429
32507	32872	2009	2010	16	101	5	300	0	0	0	5	417	422
32872	33237	2010	2011	16	101	5	297	0	0	0	5	413	418
33237	33603	2011	2012	16	100	5	295	0	0	0	5	411	416
33603	33968	2012	2013	16	100	5	294	0	0	0	5	410	415
33968	34333	2013	2014	16	100	5	293	0	0	0	5	409	414
34333	34698	2014	2015	15	100	5	292	0	0	0	5	408	413
34698	35064	2015	2016	15	100	5	292	0	0	0	5	408	413
35064	35429	2016	2017	15	100	5	292	0	0	0	5	407	412
35429	35794	2017	2018	15	101	5	291	0	0	0	5	407	412
35794	36159	2018	2019	15	101	5	291	0	0	0	5	407	412
36159	36525	2019	2020	15	101	5	291	0	0	0	5	407	412
36525	36890	2020	2021	15	101	5	291	0	0	0	5	407	412
36890	37255	2021	2022	15	101	5	291	0	0	0	5	407	412
37255	37620	2022	2023	15	101	5	291	0	0	0	5	407	412
37620	37986	2023	2024	15	101	5	291	0	0	0	5	407	412
37986	38351	2024	2025	15	101	5	291	0	0	0	5	407	412

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	15	101	5	291	0	0	0	5	407	412
38716	39081	2026	2027	15	102	5	291	0	0	0	5	407	412
39081	39447	2027	2028	15	102	5	291	0	0	0	5	407	413
39447	39812	2028	2029	15	102	5	291	0	0	0	5	407	413
39812	40177	2029	2030	15	102	5	291	0	0	0	5	407	413
40177	40542	2030	2031	15	102	5	291	0	0	0	5	408	413
40542	40908	2031	2032	15	102	5	291	0	0	0	5	408	413
40908	41273	2032	2033	15	102	5	291	0	0	0	5	408	413
41273	41638	2033	2034	15	102	5	291	0	0	0	5	408	413
41638	42003	2034	2035	15	102	5	291	0	0	0	5	408	413
42003	42369	2035	2036	15	102	5	291	0	0	0	5	408	413
42369	42734	2036	2037	15	103	5	291	0	0	0	5	408	414
42734	43099	2037	2038	15	103	5	291	0	0	0	5	408	414
43099	43464	2038	2039	15	103	5	291	0	0	0	5	408	414
43464	43830	2039	2040	15	103	5	291	0	0	0	5	408	414
43830	44195	2040	2041	15	103	5	291	0	0	0	5	408	414
44195	44560	2041	2042	15	103	5	291	0	0	0	5	408	414
44560	44925	2042	2043	15	103	5	291	0	0	0	5	408	414
44925	45291	2043	2044	15	103	5	291	0	0	0	5	408	414
45291	45656	2044	2045	15	103	5	291	0	0	0	5	408	414
45656	46021	2045	2046	15	103	5	291	0	0	0	5	408	414
46021	46386	2046	2047	15	103	5	291	0	0	0	5	409	414
46386	46752	2047	2048	15	103	5	291	0	0	0	5	409	414
46752	47117	2048	2049	15	103	5	291	0	0	0	5	409	414
47117	47482	2049	2050	15	103	5	291	0	0	0	5	409	414
47482	47847	2050	2051	15	103	5	291	0	0	0	5	409	414
47847	48213	2051	2052	15	103	5	291	0	0	0	5	409	414
48213	48578	2052	2053	15	103	5	291	0	0	0	5	409	414
48578	48943	2053	2054	15	103	5	291	0	0	0	5	409	414
48943	49308	2054	2055	15	103	5	291	0	0	0	5	409	414
49308	49674	2055	2056	15	103	5	291	0	0	0	5	409	414
49674	50039	2056	2057	15	103	5	291	0	0	0	5	409	414
50039	50404	2057	2058	15	103	5	291	0	0	0	5	409	414
50404	50769	2058	2059	15	103	5	291	0	0	0	5	409	414
50769	51135	2059	2060	15	103	5	291	0	0	0	5	409	414
51135	51500	2060	2061	15	103	5	291	0	0	0	5	409	414
51500	51865	2061	2062	15	103	5	291	0	0	0	5	409	414
51865	52230	2062	2063	15	103	5	291	0	0	0	5	409	414
52230	52596	2063	2064	15	103	5	291	0	0	0	5	409	414
52596	52961	2064	2065	15	103	5	291	0	0	0	5	409	414
52961	53326	2065	2066	15	103	5	291	0	0	0	5	409	414
53326	53691	2066	2067	15	103	5	291	0	0	0	5	409	415

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	15	103	5	291	0	0	0	5	409	415
54057	54422	2068	2069	15	103	5	291	0	0	0	5	409	415
54422	54787	2069	2070	15	103	5	291	0	0	0	5	409	415
54787	55152	2070	2071	15	103	5	291	0	0	0	5	409	415
55152	55518	2071	2072	15	103	5	291	0	0	0	5	409	415
55518	55883	2072	2073	15	103	5	291	0	0	0	5	409	415
55883	56248	2073	2074	15	103	5	291	0	0	0	5	409	415
56248	56613	2074	2075	15	103	5	291	0	0	0	5	409	415
56613	56979	2075	2076	15	103	5	291	0	0	0	5	409	415
56979	57344	2076	2077	15	104	5	291	0	0	0	5	409	415
57344	57709	2077	2078	15	104	5	291	0	0	0	5	409	415
57709	58074	2078	2079	15	104	5	291	0	0	0	5	409	415
58074	58440	2079	2080	15	104	5	291	0	0	0	5	409	415
58440	58805	2080	2081	15	104	5	291	0	0	0	5	410	415
58805	59170	2081	2082	15	104	5	291	0	0	0	5	410	415
59170	59535	2082	2083	15	104	5	291	0	0	0	5	410	415
59535	59901	2083	2084	15	104	5	291	0	0	0	5	410	415
59901	60266	2084	2085	15	104	5	291	0	0	0	5	410	415
60266	60631	2085	2086	15	104	5	291	0	0	0	5	410	415
60631	60996	2086	2087	15	104	5	291	0	0	0	5	410	415
60996	61362	2087	2088	15	104	5	291	0	0	0	5	410	415
61362	61727	2088	2089	15	104	5	291	0	0	0	5	410	415
61727	62092	2089	2090	15	104	5	291	0	0	0	5	410	415
62092	62457	2090	2091	15	104	5	291	0	0	0	5	410	415
62457	62823	2091	2092	15	104	5	291	0	0	0	5	410	415
62823	63188	2092	2093	15	104	5	291	0	0	0	5	410	415
63188	63553	2093	2094	15	104	5	291	0	0	0	5	410	415
63553	63918	2094	2095	15	104	5	291	0	0	0	5	410	415
63918	64284	2095	2096	15	104	5	291	0	0	0	5	410	415
64284	64649	2096	2097	15	104	5	291	0	0	0	5	410	415
64649	65014	2097	2098	15	104	5	291	0	0	0	5	410	416
65014	65379	2098	2099	15	104	5	291	0	0	0	5	410	416
65379	65745	2099	2100	15	104	5	291	0	0	0	5	410	416
65745	66110	2100	2101	15	104	5	291	0	0	0	5	410	416
66110	66475	2101	2102	15	104	5	291	0	0	0	5	410	416
66475	66840	2102	2103	15	104	5	291	0	0	0	5	410	416
66840	67206	2103	2104	15	104	5	291	0	0	0	5	410	416
67206	67571	2104	2105	15	104	5	291	0	0	0	5	410	416
67571	67936	2105	2106	15	104	5	291	0	0	0	5	410	416
67936	68301	2106	2107	15	104	5	291	0	0	0	5	410	416
68301	68667	2107	2108	15	104	5	291	0	0	0	5	410	416
68667	69032	2108	2109	15	104	5	291	0	0	0	5	410	416
69032	69397	2109	2110	15	104	5	291	0	0	0	5	410	416

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	1.4	3.5	1.9	3.0	4.2	3.3	***10.8***	***6.7***	17.5
3652	*7305*	1930	1940	0.1	1.2	2.6	7.4	2.6	3.5	3.0	***8.7***	***11.6***	20.3
7305	*14610*	1940	1960	0.1	1.4	2.8	18.7	2.6	3.5	3.0	***9.0***	***23.2***	32.1
14610	*18263*	1960	1970	0.2	3.6	6.7	18.8	4.6	3.5	3.0	***14.9***	***25.7***	40.5
18263	*21915*	1970	1980	0.2	3.9	7.0	18.9	4.7	3.6	3.1	***15.2***	***26.1***	41.3
21915	*24837*	1980	1988	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	41.6
24837	*25202*	1988	1989	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	41.6
25202	*25567*	1989	1990	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	41.6
25567	*25932*	1990	1991	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	41.6
25932	*26298*	1991	1992	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	41.6
26298	*26663*	1992	1993	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	41.6
26663	*27028*	1993	1994	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	41.6
27028	*27393*	1994	1995	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	41.6
27393	*27759*	1995	1996	0.2	4.0	7.0	19.2	4.7	3.6	3.1	***15.4***	***26.5***	41.8
27759	*28124*	1996	1997	0.2	4.0	7.0	19.3	4.7	3.6	3.1	***15.4***	***26.7***	42.0
28124	*28489*	1997	1998	0.2	4.0	7.1	19.5	4.7	3.6	3.1	***15.4***	***26.8***	42.2
28489	*28854*	1998	1999	0.2	4.0	7.0	18.9	4.7	3.8	3.2	***15.5***	***26.4***	41.8
28854	*29220*	1999	2000	0.3	3.9	6.8	18.8	4.5	3.9	3.3	***15.2***	***26.2***	41.4
29220	*29585*	2000	2001	0.3	3.8	6.4	18.7	4.4	3.9	3.3	***14.7***	***26.0***	40.7
29585	*29950*	2001	2002	0.3	3.7	6.1	18.8	4.4	4.2	3.5	***14.7***	***26.3***	41.1
29950	*30315*	2002	2003	0.3	3.7	6.0	18.9	4.4	4.3	3.6	***14.7***	***26.5***	41.2
30315	*30681*	2003	2004	0.3	3.7	5.8	18.9	4.4	4.4	3.7	***14.6***	***26.6***	41.1
30681	*31046*	2004	2005	0.3	3.7	5.7	18.9	4.3	4.4	3.7	***14.4***	***26.6***	41.0
31046	*31411*	2005	2006	0.3	3.6	5.6	19.0	4.3	4.4	3.7	***14.3***	***26.6***	40.9
31411	*31776*	2006	2007	0.3	3.6	5.4	19.0	4.2	4.5	3.7	***14.2***	***26.6***	40.7
31776	*32142*	2007	2008	0.3	3.5	5.3	19.0	4.2	4.5	3.7	***14.0***	***26.5***	40.5
32142	*32507*	2008	2009	0.3	3.4	5.2	19.0	4.1	4.5	3.7	***13.8***	***26.4***	40.3
32507	*32872*	2009	2010	0.3	3.4	5.1	19.0	4.0	4.5	3.7	***13.6***	***26.3***	39.9
32872	*33237*	2010	2011	0.3	3.3	5.0	18.9	4.0	4.5	3.7	***13.5***	***26.2***	39.7
33237	*33603*	2011	2012	0.3	3.3	4.9	18.9	4.0	4.5	3.7	***13.4***	***26.1***	39.5
33603	*33968*	2012	2013	0.3	3.2	4.9	18.9	4.0	4.5	3.7	***13.3***	***26.1***	39.4
33968	*34333*	2013	2014	0.3	3.2	4.9	18.9	3.9	4.5	3.7	***13.3***	***26.1***	39.4
34333	*34698*	2014	2015	0.3	3.2	4.9	18.9	3.9	4.5	3.7	***13.3***	***26.1***	39.3
34698	*35064*	2015	2016	0.3	3.2	4.8	18.9	3.9	4.5	3.7	***13.2***	***26.0***	39.3
35064	*35429*	2016	2017	0.3	3.2	4.8	18.9	3.9	4.5	3.7	***13.2***	***26.0***	39.2
35429	*35794*	2017	2018	0.3	3.2	4.8	18.9	3.9	4.5	3.7	***13.2***	***26.0***	39.2
35794	*36159*	2018	2019	0.3	3.2	4.8	18.9	3.9	4.5	3.7	***13.2***	***26.0***	39.2
36159	*36525*	2019	2020	0.3	3.2	4.8	18.9	3.9	4.5	3.7	***13.2***	***26.0***	39.2
36525	*36890*	2020	2021	0.3	3.2	4.8	18.9	3.9	4.5	3.7	***13.2***	***26.0***	39.2
36890	*37255*	2021	2022	0.3	3.2	4.8	18.9	3.9	4.5	3.6	***13.2***	***26.0***	39.1
37255	*37620*	2022	2023	0.3	3.1	4.8	18.9	3.9	4.5	3.6	***13.2***	***26.0***	39.1
37620	*37986*	2023	2024	0.3	3.1	4.8	18.9	3.9	4.5	3.6	***13.2***	***26.0***	39.1
37986	*38351*	2024	2025	0.3	3.1	4.8	18.9	3.9	4.5	3.6	***13.2***	***26.0***	39.1

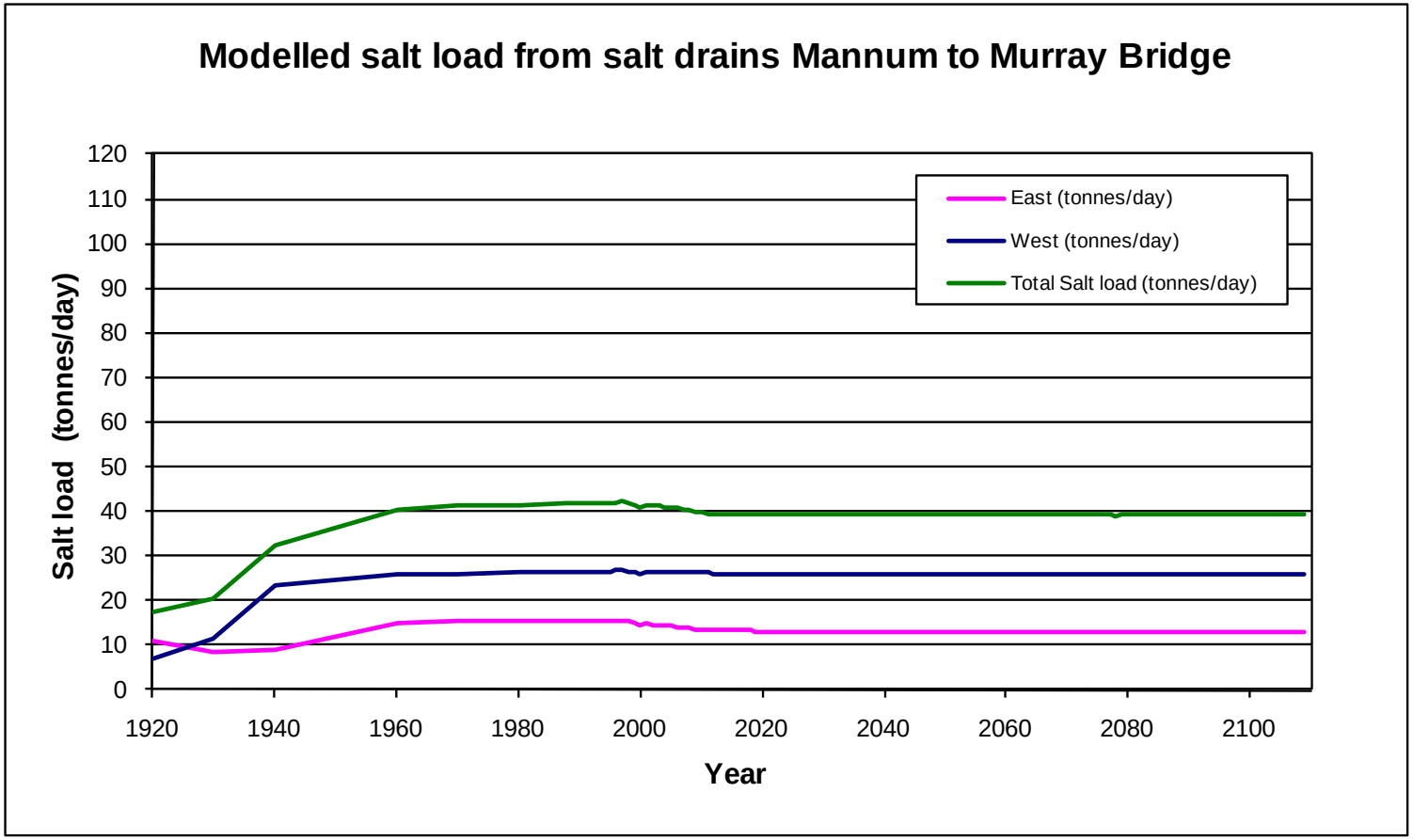
B-5(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3b) (highland to salt drains)

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)
38351	38716	2025	2026	0.3	3.1	4.8	18.9	3.9	4.5	3.6	13.2	26.0	39.1
38716	39081	2026	2027	0.3	3.1	4.8	18.9	3.9	4.5	3.7	13.1	26.0	39.1
39081	39447	2027	2028	0.3	3.1	4.8	18.9	3.9	4.5	3.7	13.1	26.0	39.1
39447	39812	2028	2029	0.3	3.1	4.8	18.9	3.9	4.5	3.7	13.1	26.0	39.1
39812	40177	2029	2030	0.3	3.1	4.8	18.9	3.9	4.5	3.7	13.1	26.0	39.1
40177	40542	2030	2031	0.3	3.1	4.8	18.9	3.9	4.5	3.7	13.1	26.0	39.1
40542	40908	2031	2032	0.3	3.1	4.8	18.9	3.9	4.5	3.7	13.1	26.0	39.1
40908	41273	2032	2033	0.3	3.1	4.8	18.9	3.9	4.5	3.7	13.1	26.0	39.1
41273	41638	2033	2034	0.3	3.1	4.8	18.9	3.9	4.5	3.7	13.1	26.0	39.1
41638	42003	2034	2035	0.3	3.1	4.8	18.9	3.9	4.5	3.7	13.1	26.0	39.1
42003	42369	2035	2036	0.3	3.1	4.8	18.9	3.9	4.5	3.7	13.1	26.0	39.1
42369	42734	2036	2037	0.3	3.1	4.8	18.9	3.9	4.5	3.7	13.1	26.0	39.1
42734	43099	2037	2038	0.3	3.1	4.8	18.9	3.9	4.5	3.7	13.1	26.0	39.1
43099	43464	2038	2039	0.3	3.1	4.8	18.9	3.9	4.5	3.7	13.1	26.0	39.1
43464	43830	2039	2040	0.3	3.1	4.8	18.9	3.9	4.5	3.7	13.1	26.0	39.1
43830	44195	2040	2041	0.3	3.1	4.8	18.9	3.9	4.5	3.7	13.1	26.0	39.1
44195	44560	2041	2042	0.3	3.1	4.8	18.9	3.9	4.5	3.7	13.1	26.0	39.1
44560	44925	2042	2043	0.3	3.1	4.8	18.9	3.9	4.5	3.7	13.1	26.0	39.1
44925	45291	2043	2044	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
45291	45656	2044	2045	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
45656	46021	2045	2046	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
46021	46386	2046	2047	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
46386	46752	2047	2048	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
46752	47117	2048	2049	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
47117	47482	2049	2050	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
47482	47847	2050	2051	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
47847	48213	2051	2052	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
48213	48578	2052	2053	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
48578	48943	2053	2054	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
48943	49308	2054	2055	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
49308	49674	2055	2056	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
49674	50039	2056	2057	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
50039	50404	2057	2058	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
50404	50769	2058	2059	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
50769	51135	2059	2060	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
51135	51500	2060	2061	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
51500	51865	2061	2062	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
51865	52230	2062	2063	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
52230	52596	2063	2064	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
52596	52961	2064	2065	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
52961	53326	2065	2066	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
53326	53691	2066	2067	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1

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	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
54057	54422	2068	2069	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
54422	54787	2069	2070	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
54787	55152	2070	2071	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
55152	55518	2071	2072	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
55518	55883	2072	2073	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
55883	56248	2073	2074	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
56248	56613	2074	2075	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
56613	56979	2075	2076	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
56979	57344	2076	2077	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
57344	57709	2077	2078	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
57709	58074	2078	2079	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
58074	58440	2079	2080	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
58440	58805	2080	2081	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
58805	59170	2081	2082	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
59170	59535	2082	2083	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
59535	59901	2083	2084	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
59901	60266	2084	2085	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
60266	60631	2085	2086	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
60631	60996	2086	2087	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
60996	61362	2087	2088	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
61362	61727	2088	2089	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
61727	62092	2089	2090	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
62092	62457	2090	2091	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
62457	62823	2091	2092	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
62823	63188	2092	2093	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
63188	63553	2093	2094	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
63553	63918	2094	2095	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
63918	64284	2095	2096	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
64284	64649	2096	2097	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
64649	65014	2097	2098	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
65014	65379	2098	2099	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
65379	65745	2099	2100	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
65745	66110	2100	2101	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
66110	66475	2101	2102	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
66475	66840	2102	2103	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
66840	67206	2103	2104	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
67206	67571	2104	2105	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
67571	67936	2105	2106	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
67936	68301	2106	2107	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
68301	68667	2107	2108	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
68667	69032	2108	2109	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
69032	69397	2109	2110	0.3	3.1	4.7	18.9	3.9	4.5	3.7	13.1	26.0	39.1
	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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
3652	7305	1930	1940	0.1	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.7	0.7
7305	14610	1940	1960	0.1	0.1	0.0	0.9	0.0	0.0	0.0	0.0	1.1	1.1
14610	18263	1960	1970	0.1	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	1.0	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	0.2	0.0	1.8	0.0	0.0	0.0	0.0	2.1	2.1
28854	29220	1999	2000	0.1	0.2	0.0	1.8	0.0	0.0	0.0	0.0	2.2	2.2
29220	29585	2000	2001	0.1	0.2	0.0	1.9	0.0	0.0	0.0	0.0	2.2	2.2
29585	29950	2001	2002	0.1	0.6	0.0	2.0	0.0	0.0	0.0	0.0	2.8	2.8
29950	30315	2002	2003	0.1	0.7	0.0	2.1	0.0	0.0	0.1	0.0	2.9	3.0
30315	30681	2003	2004	0.1	0.7	0.1	2.2	0.0	0.0	0.0	0.1	3.0	3.1
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	2.2	0.0	0.0	0.0	0.1	3.0	3.0
31776	32142	2007	2008	0.1	0.7	0.1	2.2	0.0	0.0	0.0	0.1	3.0	3.0
32142	32507	2008	2009	0.1	0.6	0.1	2.1	0.0	0.0	0.0	0.1	2.8	2.9
32507	32872	2009	2010	0.1	0.6	0.1	2.1	0.0	0.0	0.0	0.1	2.8	2.8
32872	33237	2010	2011	0.1	0.6	0.1	2.1	0.0	0.0	0.0	0.1	2.8	2.8
33237	33603	2011	2012	0.1	0.6	0.1	2.1	0.0	0.0	0.0	0.1	2.7	2.8
33603	33968	2012	2013	0.1	0.6	0.1	2.1	0.0	0.0	0.0	0.1	2.7	2.8
33968	34333	2013	2014	0.1	0.6	0.1	2.1	0.0	0.0	0.0	0.1	2.7	2.8
34333	34698	2014	2015	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
34698	35064	2015	2016	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
35064	35429	2016	2017	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
35429	35794	2017	2018	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
35794	36159	2018	2019	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
36159	36525	2019	2020	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
36525	36890	2020	2021	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
36890	37255	2021	2022	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
37255	37620	2022	2023	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
37620	37986	2023	2024	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
37986	38351	2024	2025	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8

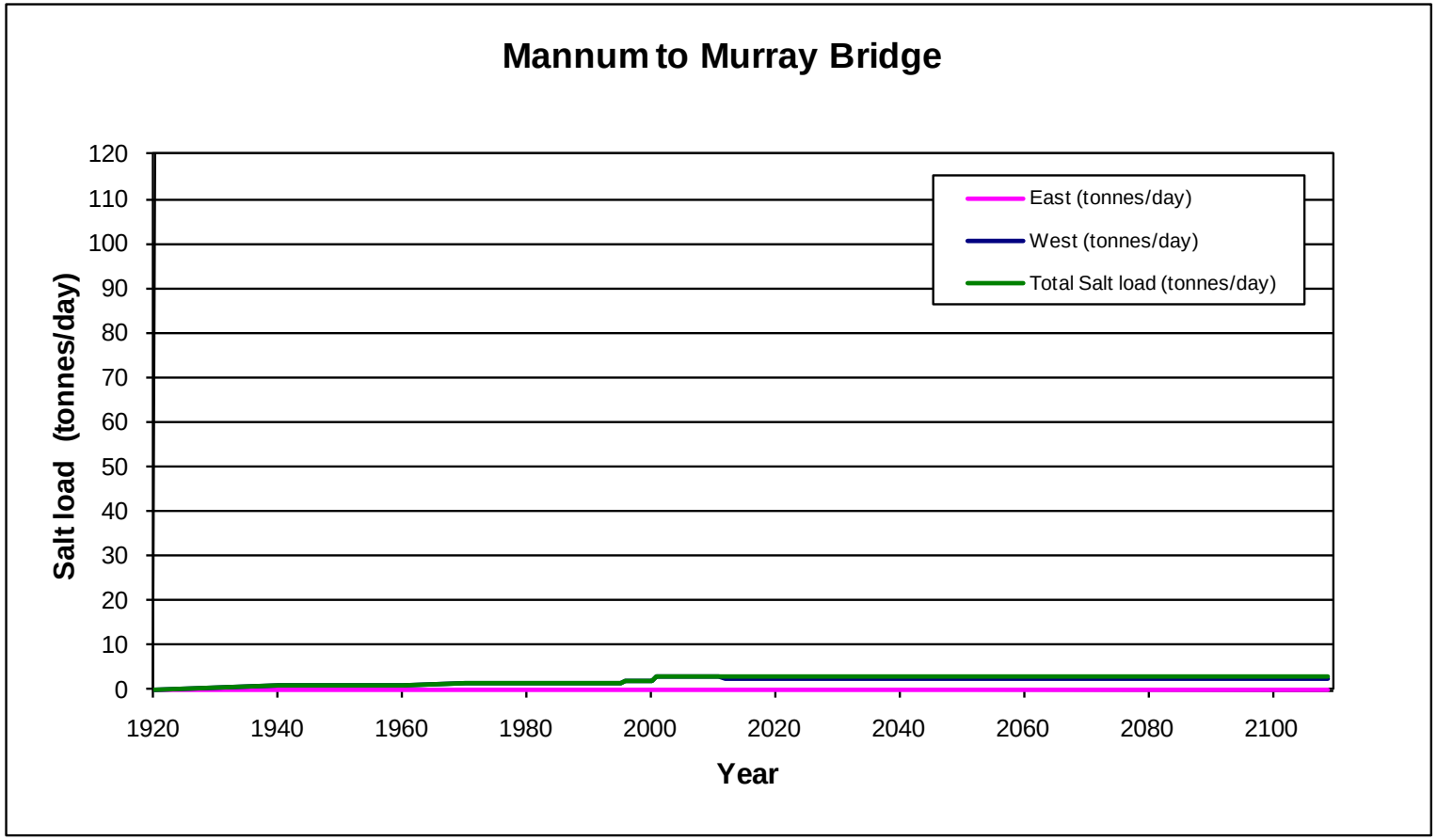
B-5(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3b) (floodplain to river)

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	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
38716	39081	2026	2027	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
39081	39447	2027	2028	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
39447	39812	2028	2029	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
39812	40177	2029	2030	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
40177	40542	2030	2031	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
40542	40908	2031	2032	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
40908	41273	2032	2033	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
41273	41638	2033	2034	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
41638	42003	2034	2035	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
42003	42369	2035	2036	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
42369	42734	2036	2037	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
42734	43099	2037	2038	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
43099	43464	2038	2039	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
43464	43830	2039	2040	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
43830	44195	2040	2041	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
44195	44560	2041	2042	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
44560	44925	2042	2043	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
44925	45291	2043	2044	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
45291	45656	2044	2045	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
45656	46021	2045	2046	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
46021	46386	2046	2047	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
46386	46752	2047	2048	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
46752	47117	2048	2049	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
47117	47482	2049	2050	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
47482	47847	2050	2051	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
47847	48213	2051	2052	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
48213	48578	2052	2053	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
48578	48943	2053	2054	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
48943	49308	2054	2055	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
49308	49674	2055	2056	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
49674	50039	2056	2057	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
50039	50404	2057	2058	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
50404	50769	2058	2059	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
50769	51135	2059	2060	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
51135	51500	2060	2061	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
51500	51865	2061	2062	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
51865	52230	2062	2063	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
52230	52596	2063	2064	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
52596	52961	2064	2065	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
52961	53326	2065	2066	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
53326	53691	2066	2067	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8

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	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
54057	54422	2068	2069	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
54422	54787	2069	2070	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
54787	55152	2070	2071	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
55152	55518	2071	2072	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
55518	55883	2072	2073	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
55883	56248	2073	2074	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
56248	56613	2074	2075	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
56613	56979	2075	2076	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
56979	57344	2076	2077	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
57344	57709	2077	2078	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
57709	58074	2078	2079	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
58074	58440	2079	2080	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
58440	58805	2080	2081	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
58805	59170	2081	2082	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
59170	59535	2082	2083	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
59535	59901	2083	2084	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
59901	60266	2084	2085	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
60266	60631	2085	2086	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
60631	60996	2086	2087	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
60996	61362	2087	2088	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
61362	61727	2088	2089	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
61727	62092	2089	2090	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
62092	62457	2090	2091	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
62457	62823	2091	2092	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
62823	63188	2092	2093	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
63188	63553	2093	2094	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
63553	63918	2094	2095	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
63918	64284	2095	2096	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
64284	64649	2096	2097	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
64649	65014	2097	2098	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
65014	65379	2098	2099	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
65379	65745	2099	2100	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
65745	66110	2100	2101	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
66110	66475	2101	2102	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
66475	66840	2102	2103	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
66840	67206	2103	2104	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
67206	67571	2104	2105	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
67571	67936	2105	2106	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
67936	68301	2106	2107	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
68301	68667	2107	2108	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
68667	69032	2108	2109	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
69032	69397	2109	2110	0.1	0.6	0.1	2.0	0.0	0.0	0.0	0.1	2.7	2.8
	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	239	352	267	599	607	469	1558	1006	2564
3652	7305	1930	1940	19	206	264	1052	512	496	422	1272	1699	2971
7305	14610	1940	1960	20	233	279	2665	527	504	432	1310	3350	4660
14610	18263	1960	1970	36	600	673	2690	917	507	435	2097	3762	5859
18263	21915	1970	1980	45	648	695	2703	935	510	438	2140	3833	5973
21915	24837	1980	1988	47	662	702	2710	942	512	439	2155	3858	6014
24837	25202	1988	1989	47	663	702	2710	942	512	439	2156	3860	6017
25202	25567	1989	1990	47	664	703	2711	943	512	440	2157	3861	6018
25567	25932	1990	1991	47	665	703	2711	943	512	440	2158	3862	6020
25932	26298	1991	1992	47	665	703	2711	943	512	440	2158	3863	6022
26298	26663	1992	1993	47	666	703	2711	944	512	440	2159	3864	6023
26663	27028	1993	1994	47	666	704	2712	944	512	440	2160	3865	6025
27028	27393	1994	1995	48	667	704	2712	944	512	440	2160	3866	6026
27393	27759	1995	1996	48	668	704	2738	945	512	440	2161	3894	6056
27759	28124	1996	1997	48	670	705	2763	945	512	440	2163	3921	6084
28124	28489	1997	1998	48	673	705	2781	946	513	441	2164	3942	6106
28489	28854	1998	1999	49	669	705	2703	931	537	456	2173	3878	6051
28854	29220	1999	2000	51	650	676	2498	900	558	468	2134	3667	5801
29220	29585	2000	2001	51	628	638	2329	875	558	466	2071	3474	5544
29585	29950	2001	2002	51	622	614	2203	890	593	503	2096	3379	5475
29950	30315	2002	2003	52	620	596	2062	886	611	519	2093	3254	5347
30315	30681	2003	2004	53	617	582	1920	877	622	527	2081	3117	5198
30681	31046	2004	2005	54	611	569	1854	868	630	531	2066	3049	5116
31046	31411	2005	2006	55	603	557	1795	856	636	532	2049	2986	5035
31411	31776	2006	2007	56	594	545	1716	845	640	532	2029	2898	4928
31776	32142	2007	2008	56	584	534	1696	832	643	532	2009	2868	4877
32142	32507	2008	2009	57	571	523	1653	815	648	532	1986	2813	4799
32507	32872	2009	2010	56	557	506	1574	803	645	527	1954	2714	4668
32872	33237	2010	2011	56	547	497	1518	797	643	525	1937	2645	4582
33237	33603	2011	2012	56	540	492	1475	792	642	524	1926	2594	4520
33603	33968	2012	2013	55	535	488	1440	790	642	523	1920	2553	4473
33968	34333	2013	2014	55	530	486	1411	787	642	522	1915	2518	4433
34333	34698	2014	2015	55	527	484	1382	785	641	522	1911	2485	4396
34698	35064	2015	2016	54	524	482	1359	784	641	522	1908	2459	4367
35064	35429	2016	2017	54	522	481	1333	783	641	521	1905	2430	4336
35429	35794	2017	2018	54	520	480	1310	782	641	521	1903	2405	4308
35794	36159	2018	2019	54	518	479	1272	781	641	521	1901	2365	4266
36159	36525	2019	2020	54	516	479	1262	780	641	521	1900	2353	4253
36525	36890	2020	2021	53	515	478	1256	779	641	521	1899	2346	4245
36890	37255	2021	2022	53	514	478	1252	779	641	521	1898	2341	4239
37255	37620	2022	2023	53	514	478	1249	779	642	521	1898	2337	4234
37620	37986	2023	2024	53	513	477	1246	778	642	521	1897	2332	4229
37986	38351	2024	2025	53	512	477	1243	778	642	521	1896	2329	4226

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	53	511	477	1241	777	642	521	1896	2326	4222
38716	39081	2026	2027	53	511	476	1239	777	642	521	1895	2324	4219
39081	39447	2027	2028	53	510	476	1237	777	642	521	1895	2321	4216
39447	39812	2028	2029	53	509	476	1235	776	642	521	1894	2318	4213
39812	40177	2029	2030	53	509	476	1234	776	642	521	1894	2317	4211
40177	40542	2030	2031	53	509	476	1233	776	642	521	1894	2315	4209
40542	40908	2031	2032	53	508	476	1232	776	642	521	1893	2313	4207
40908	41273	2032	2033	53	508	475	1231	776	642	521	1893	2312	4205
41273	41638	2033	2034	53	507	475	1230	776	642	521	1893	2311	4203
41638	42003	2034	2035	53	507	475	1230	775	642	521	1893	2310	4203
42003	42369	2035	2036	53	507	475	1229	775	642	521	1893	2310	4203
42369	42734	2036	2037	53	507	475	1229	775	642	521	1893	2309	4202
42734	43099	2037	2038	53	507	475	1229	775	642	521	1893	2309	4202
43099	43464	2038	2039	53	507	475	1229	775	642	521	1893	2309	4201
43464	43830	2039	2040	53	507	475	1228	775	642	521	1892	2308	4201
43830	44195	2040	2041	53	507	475	1228	775	642	521	1892	2308	4201
44195	44560	2041	2042	53	506	475	1228	775	642	521	1892	2308	4200
44560	44925	2042	2043	53	506	475	1228	775	642	521	1892	2308	4200
44925	45291	2043	2044	53	506	475	1228	775	642	521	1892	2307	4200
45291	45656	2044	2045	53	506	475	1227	775	642	521	1892	2307	4199
45656	46021	2045	2046	53	506	475	1227	775	642	521	1892	2307	4199
46021	46386	2046	2047	53	506	475	1227	775	642	521	1892	2306	4199
46386	46752	2047	2048	53	506	475	1227	775	642	521	1892	2306	4198
46752	47117	2048	2049	53	506	475	1227	775	642	521	1892	2306	4198
47117	47482	2049	2050	53	506	475	1226	775	642	521	1892	2306	4198
47482	47847	2050	2051	53	506	475	1226	775	642	521	1892	2305	4197
47847	48213	2051	2052	53	506	475	1226	775	642	521	1892	2305	4197
48213	48578	2052	2053	53	506	475	1226	775	642	521	1892	2305	4197
48578	48943	2053	2054	53	505	475	1226	775	642	521	1892	2305	4196
48943	49308	2054	2055	53	505	475	1226	775	642	521	1892	2304	4196
49308	49674	2055	2056	53	505	475	1225	775	642	521	1892	2304	4196
49674	50039	2056	2057	53	505	475	1225	775	642	521	1892	2304	4195
50039	50404	2057	2058	53	505	475	1225	775	642	521	1892	2304	4195
50404	50769	2058	2059	53	505	475	1225	775	642	521	1892	2303	4195
50769	51135	2059	2060	53	505	475	1225	775	642	521	1892	2303	4195
51135	51500	2060	2061	53	505	475	1225	775	642	521	1891	2303	4194
51500	51865	2061	2062	53	505	475	1225	774	642	521	1891	2303	4194
51865	52230	2062	2063	53	505	475	1224	774	642	521	1891	2302	4194
52230	52596	2063	2064	53	505	475	1224	774	642	521	1891	2302	4194
52596	52961	2064	2065	53	505	475	1224	774	642	521	1891	2302	4193
52961	53326	2065	2066	53	505	474	1224	774	642	521	1891	2302	4193
53326	53691	2066	2067	53	504	474	1224	774	642	521	1891	2301	4193

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	53	504	474	1224	774	642	521	1891	2301	4192
54057	54422	2068	2069	53	504	474	1223	774	642	521	1891	2301	4192
54422	54787	2069	2070	53	504	474	1223	774	642	521	1891	2301	4192
54787	55152	2070	2071	53	504	474	1223	774	642	521	1891	2301	4192
55152	55518	2071	2072	53	504	474	1223	774	642	521	1891	2300	4191
55518	55883	2072	2073	53	504	474	1223	774	643	521	1891	2300	4191
55883	56248	2073	2074	53	504	474	1223	774	643	521	1891	2300	4191
56248	56613	2074	2075	53	504	474	1223	774	643	521	1891	2300	4191
56613	56979	2075	2076	53	504	474	1223	774	643	521	1891	2300	4191
56979	57344	2076	2077	53	504	474	1222	774	643	521	1891	2299	4190
57344	57709	2077	2078	53	504	474	1222	774	643	521	1891	2299	4190
57709	58074	2078	2079	53	504	474	1222	774	643	521	1891	2299	4190
58074	58440	2079	2080	53	504	474	1222	774	643	521	1891	2299	4190
58440	58805	2080	2081	53	503	474	1222	774	643	521	1891	2299	4189
58805	59170	2081	2082	53	503	474	1222	774	643	521	1891	2298	4189
59170	59535	2082	2083	53	503	474	1222	774	643	521	1891	2298	4189
59535	59901	2083	2084	53	503	474	1222	774	643	521	1891	2298	4189
59901	60266	2084	2085	53	503	474	1221	774	643	521	1891	2298	4189
60266	60631	2085	2086	53	503	474	1221	774	643	521	1891	2298	4188
60631	60996	2086	2087	53	503	474	1221	774	643	521	1891	2298	4188
60996	61362	2087	2088	53	503	474	1221	774	643	521	1891	2297	4188
61362	61727	2088	2089	53	503	474	1221	774	643	521	1891	2297	4188
61727	62092	2089	2090	53	503	474	1221	774	643	521	1891	2297	4187
62092	62457	2090	2091	53	503	474	1221	774	643	521	1890	2297	4187
62457	62823	2091	2092	53	503	474	1221	774	643	521	1890	2297	4187
62823	63188	2092	2093	53	503	474	1221	774	643	521	1890	2296	4187
63188	63553	2093	2094	53	503	474	1220	774	643	521	1890	2296	4187
63553	63918	2094	2095	53	503	474	1220	774	643	521	1890	2296	4187
63918	64284	2095	2096	53	503	474	1220	774	643	521	1890	2296	4186
64284	64649	2096	2097	53	502	474	1220	774	643	521	1890	2296	4186
64649	65014	2097	2098	53	502	474	1220	774	643	521	1890	2296	4186
65014	65379	2098	2099	53	502	474	1220	774	643	521	1890	2295	4186
65379	65745	2099	2100	53	502	474	1220	774	643	521	1890	2295	4186
65745	66110	2100	2101	53	502	474	1220	774	643	521	1890	2295	4185
66110	66475	2101	2102	53	502	474	1220	773	643	521	1890	2295	4185
66475	66840	2102	2103	53	502	474	1220	773	643	521	1890	2295	4185
66840	67206	2103	2104	53	502	474	1219	773	643	521	1890	2295	4185
67206	67571	2104	2105	53	502	474	1219	773	643	521	1890	2295	4185
67571	67936	2105	2106	53	502	474	1219	773	643	521	1890	2294	4185
67936	68301	2106	2107	52	502	474	1219	773	643	521	1890	2294	4184
68301	68667	2107	2108	52	502	474	1219	773	643	521	1890	2294	4184
68667	69032	2108	2109	52	502	474	1219	773	643	521	1890	2294	4184
69032	69397	2109	2110	52	502	474	1219	773	643	521	1890	2294	4184

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	10	15	1	0	0	0	0	1	25	27
3652	7305	1930	1940	10	16	1	75	0	0	0	1	101	102
7305	14610	1940	1960	10	17	1	132	0	0	0	1	160	161
14610	18263	1960	1970	13	21	1	144	0	0	0	1	178	180
18263	21915	1970	1980	16	30	1	150	0	0	0	1	196	197
21915	24837	1980	1988	17	36	1	153	0	0	0	1	206	208
24837	25202	1988	1989	17	37	1	153	0	0	0	1	207	209
25202	25567	1989	1990	17	37	1	153	0	0	0	1	208	209
25567	25932	1990	1991	17	37	1	153	0	0	0	1	208	210
25932	26298	1991	1992	18	38	1	153	0	0	0	1	209	210
26298	26663	1992	1993	18	38	1	154	0	0	0	1	209	211
26663	27028	1993	1994	18	38	1	154	0	0	0	1	210	211
27028	27393	1994	1995	18	39	1	154	0	0	0	1	210	211
27393	27759	1995	1996	18	39	1	194	0	0	0	1	251	252
27759	28124	1996	1997	18	40	1	224	0	0	0	1	282	283
28124	28489	1997	1998	18	40	1	244	0	0	0	1	303	304
28489	28854	1998	1999	18	41	1	256	0	0	0	1	315	316
28854	29220	1999	2000	18	41	1	249	0	0	0	1	308	310
29220	29585	2000	2001	18	42	1	243	0	0	0	1	302	304
29585	29950	2001	2002	18	105	3	249	0	0	7	3	378	381
29950	30315	2002	2003	18	115	5	246	0	0	7	5	386	391
30315	30681	2003	2004	17	117	6	237	0	0	6	6	378	383
30681	31046	2004	2005	17	117	6	233	0	0	5	6	372	378
31046	31411	2005	2006	17	115	6	229	0	0	4	6	365	371
31411	31776	2006	2007	17	113	6	225	0	0	3	6	358	363
31776	32142	2007	2008	17	109	6	222	0	0	1	6	349	355
32142	32507	2008	2009	16	102	5	210	0	0	0	5	329	334
32507	32872	2009	2010	16	101	5	202	0	0	0	5	320	325
32872	33237	2010	2011	16	100	5	195	0	0	0	5	312	317
33237	33603	2011	2012	16	100	5	189	0	0	0	5	305	310
33603	33968	2012	2013	16	100	5	183	0	0	0	5	299	304
33968	34333	2013	2014	16	100	5	178	0	0	0	5	294	299
34333	34698	2014	2015	15	100	5	173	0	0	0	5	288	293
34698	35064	2015	2016	15	100	5	168	0	0	0	5	284	289
35064	35429	2016	2017	15	100	5	163	0	0	0	5	279	284
35429	35794	2017	2018	15	101	5	159	0	0	0	5	275	280
35794	36159	2018	2019	15	101	5	153	0	0	0	5	268	274
36159	36525	2019	2020	15	101	5	150	0	0	0	5	266	271
36525	36890	2020	2021	15	101	5	148	0	0	0	5	264	269
36890	37255	2021	2022	15	101	5	146	0	0	0	5	262	267
37255	37620	2022	2023	15	101	5	145	0	0	0	5	261	266
37620	37986	2023	2024	15	101	5	144	0	0	0	5	260	265
37986	38351	2024	2025	15	101	5	143	0	0	0	5	259	265

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	15	101	5	142	0	0	0	5	259	264
38716	39081	2026	2027	15	101	5	142	0	0	0	5	258	263
39081	39447	2027	2028	15	101	5	141	0	0	0	5	257	263
39447	39812	2028	2029	15	101	5	140	0	0	0	5	257	262
39812	40177	2029	2030	15	102	5	140	0	0	0	5	256	262
40177	40542	2030	2031	15	102	5	140	0	0	0	5	256	261
40542	40908	2031	2032	15	102	5	139	0	0	0	5	256	261
40908	41273	2032	2033	15	102	5	139	0	0	0	5	255	261
41273	41638	2033	2034	15	102	5	138	0	0	0	5	255	260
41638	42003	2034	2035	15	102	5	138	0	0	0	5	255	260
42003	42369	2035	2036	15	102	5	138	0	0	0	5	255	260
42369	42734	2036	2037	15	102	5	138	0	0	0	5	255	260
42734	43099	2037	2038	15	102	5	138	0	0	0	5	255	260
43099	43464	2038	2039	15	102	5	138	0	0	0	5	255	260
43464	43830	2039	2040	15	102	5	138	0	0	0	5	255	260
43830	44195	2040	2041	15	102	5	138	0	0	0	5	255	260
44195	44560	2041	2042	15	102	5	138	0	0	0	5	254	260
44560	44925	2042	2043	15	102	5	138	0	0	0	5	254	260
44925	45291	2043	2044	15	102	5	138	0	0	0	5	254	260
45291	45656	2044	2045	15	102	5	137	0	0	0	5	254	260
45656	46021	2045	2046	15	102	5	137	0	0	0	5	254	260
46021	46386	2046	2047	15	102	5	137	0	0	0	5	254	260
46386	46752	2047	2048	15	102	5	137	0	0	0	5	254	259
46752	47117	2048	2049	15	102	5	137	0	0	0	5	254	259
47117	47482	2049	2050	15	102	5	137	0	0	0	5	254	259
47482	47847	2050	2051	15	102	5	137	0	0	0	5	254	259
47847	48213	2051	2052	15	102	5	137	0	0	0	5	254	259
48213	48578	2052	2053	15	102	5	137	0	0	0	5	254	259
48578	48943	2053	2054	15	102	5	137	0	0	0	5	254	259
48943	49308	2054	2055	15	102	5	137	0	0	0	5	254	259
49308	49674	2055	2056	15	102	5	137	0	0	0	5	254	259
49674	50039	2056	2057	15	102	5	137	0	0	0	5	254	259
50039	50404	2057	2058	15	102	5	137	0	0	0	5	254	259
50404	50769	2058	2059	15	102	5	137	0	0	0	5	254	259
50769	51135	2059	2060	15	102	5	136	0	0	0	5	253	259
51135	51500	2060	2061	15	102	5	136	0	0	0	5	253	259
51500	51865	2061	2062	15	102	5	136	0	0	0	5	253	259
51865	52230	2062	2063	15	102	5	136	0	0	0	5	253	259
52230	52596	2063	2064	15	102	5	136	0	0	0	5	253	259
52596	52961	2064	2065	15	102	5	136	0	0	0	5	253	259
52961	53326	2065	2066	15	102	5	136	0	0	0	5	253	259
53326	53691	2066	2067	15	102	5	136	0	0	0	5	253	259

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	15	102	5	136	0	0	0	5	253	259
54057	54422	2068	2069	15	102	5	136	0	0	0	5	253	259
54422	54787	2069	2070	15	102	5	136	0	0	0	5	253	258
54787	55152	2070	2071	15	102	5	136	0	0	0	5	253	258
55152	55518	2071	2072	15	102	5	136	0	0	0	5	253	258
55518	55883	2072	2073	15	102	5	136	0	0	0	5	253	258
55883	56248	2073	2074	15	102	5	136	0	0	0	5	253	258
56248	56613	2074	2075	15	102	5	136	0	0	0	5	253	258
56613	56979	2075	2076	15	102	5	136	0	0	0	5	253	258
56979	57344	2076	2077	15	102	5	136	0	0	0	5	253	258
57344	57709	2077	2078	15	102	5	136	0	0	0	5	253	258
57709	58074	2078	2079	15	102	5	135	0	0	0	5	253	258
58074	58440	2079	2080	15	102	5	135	0	0	0	5	253	258
58440	58805	2080	2081	15	102	5	135	0	0	0	5	253	258
58805	59170	2081	2082	15	102	5	135	0	0	0	5	253	258
59170	59535	2082	2083	15	102	5	135	0	0	0	5	253	258
59535	59901	2083	2084	15	102	5	135	0	0	0	5	253	258
59901	60266	2084	2085	15	102	5	135	0	0	0	5	252	258
60266	60631	2085	2086	15	102	5	135	0	0	0	5	252	258
60631	60996	2086	2087	15	102	5	135	0	0	0	5	252	258
60996	61362	2087	2088	15	102	5	135	0	0	0	5	252	258
61362	61727	2088	2089	15	102	5	135	0	0	0	5	252	258
61727	62092	2089	2090	15	102	5	135	0	0	0	5	252	258
62092	62457	2090	2091	15	102	5	135	0	0	0	5	252	258
62457	62823	2091	2092	15	102	5	135	0	0	0	5	252	258
62823	63188	2092	2093	15	102	5	135	0	0	0	5	252	258
63188	63553	2093	2094	15	102	5	135	0	0	0	5	252	258
63553	63918	2094	2095	15	102	5	135	0	0	0	5	252	258
63918	64284	2095	2096	15	102	5	135	0	0	0	5	252	258
64284	64649	2096	2097	15	102	5	135	0	0	0	5	252	258
64649	65014	2097	2098	15	102	5	135	0	0	0	5	252	258
65014	65379	2098	2099	15	102	5	135	0	0	0	5	252	258
65379	65745	2099	2100	15	103	5	135	0	0	0	5	252	258
65745	66110	2100	2101	15	103	5	135	0	0	0	5	252	257
66110	66475	2101	2102	15	103	5	134	0	0	0	5	252	257
66475	66840	2102	2103	15	103	5	134	0	0	0	5	252	257
66840	67206	2103	2104	15	103	5	134	0	0	0	5	252	257
67206	67571	2104	2105	15	103	5	134	0	0	0	5	252	257
67571	67936	2105	2106	15	103	5	134	0	0	0	5	252	257
67936	68301	2106	2107	15	103	5	134	0	0	0	5	252	257
68301	68667	2107	2108	15	103	5	134	0	0	0	5	252	257
68667	69032	2108	2109	15	103	5	134	0	0	0	5	252	257
69032	69397	2109	2110	15	103	5	134	0	0	0	5	252	257

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	1.4	3.5	1.9	3.0	4.2	3.3	10.8	6.7	17.5
3652	7305	1930	1940	0.1	1.2	2.6	7.4	2.6	3.5	3.0	8.7	11.6	20.3
7305	14610	1940	1960	0.1	1.4	2.8	18.7	2.6	3.5	3.0	9.0	23.2	32.1
14610	18263	1960	1970	0.2	3.6	6.7	18.8	4.6	3.5	3.0	14.9	25.7	40.5
18263	21915	1970	1980	0.2	3.9	7.0	18.9	4.7	3.6	3.1	15.2	26.1	41.3
21915	24837	1980	1988	0.2	4.0	7.0	19.0	4.7	3.6	3.1	15.3	26.3	41.6
24837	25202	1988	1989	0.2	4.0	7.0	19.0	4.7	3.6	3.1	15.3	26.3	41.6
25202	25567	1989	1990	0.2	4.0	7.0	19.0	4.7	3.6	3.1	15.3	26.3	41.6
25567	25932	1990	1991	0.2	4.0	7.0	19.0	4.7	3.6	3.1	15.3	26.3	41.6
25932	26298	1991	1992	0.2	4.0	7.0	19.0	4.7	3.6	3.1	15.3	26.3	41.6
26298	26663	1992	1993	0.2	4.0	7.0	19.0	4.7	3.6	3.1	15.3	26.3	41.6
26663	27028	1993	1994	0.2	4.0	7.0	19.0	4.7	3.6	3.1	15.3	26.3	41.6
27028	27393	1994	1995	0.2	4.0	7.0	19.0	4.7	3.6	3.1	15.3	26.3	41.6
27393	27759	1995	1996	0.2	4.0	7.0	19.2	4.7	3.6	3.1	15.4	26.5	41.8
27759	28124	1996	1997	0.2	4.0	7.0	19.3	4.7	3.6	3.1	15.4	26.7	42.0
28124	28489	1997	1998	0.2	4.0	7.1	19.5	4.7	3.6	3.1	15.4	26.8	42.2
28489	28854	1998	1999	0.2	4.0	7.0	18.9	4.7	3.8	3.2	15.5	26.4	41.8
28854	29220	1999	2000	0.3	3.9	6.8	17.5	4.5	3.9	3.3	15.2	24.9	40.1
29220	29585	2000	2001	0.3	3.8	6.4	16.3	4.4	3.9	3.3	14.7	23.6	38.2
29585	29950	2001	2002	0.3	3.7	6.1	15.4	4.4	4.2	3.5	14.7	22.9	37.7
29950	30315	2002	2003	0.3	3.7	6.0	14.4	4.4	4.3	3.6	14.7	22.1	36.7
30315	30681	2003	2004	0.3	3.7	5.8	13.4	4.4	4.4	3.7	14.6	21.1	35.7
30681	31046	2004	2005	0.3	3.7	5.7	13.0	4.3	4.4	3.7	14.4	20.6	35.1
31046	31411	2005	2006	0.3	3.6	5.6	12.6	4.3	4.4	3.7	14.3	20.2	34.5
31411	31776	2006	2007	0.3	3.6	5.5	12.0	4.2	4.5	3.7	14.2	19.6	33.7
31776	32142	2007	2008	0.3	3.5	5.3	11.9	4.2	4.5	3.7	14.0	19.4	33.4
32142	32507	2008	2009	0.3	3.4	5.2	11.6	4.1	4.5	3.7	13.8	19.0	32.8
32507	32872	2009	2010	0.3	3.3	5.1	11.0	4.0	4.5	3.7	13.6	18.3	31.9
32872	33237	2010	2011	0.3	3.3	5.0	10.6	4.0	4.5	3.7	13.5	17.9	31.3
33237	33603	2011	2012	0.3	3.2	4.9	10.3	4.0	4.5	3.7	13.4	17.5	30.9
33603	33968	2012	2013	0.3	3.2	4.9	10.1	3.9	4.5	3.7	13.3	17.2	30.5
33968	34333	2013	2014	0.3	3.2	4.9	9.9	3.9	4.5	3.7	13.3	17.0	30.3
34333	34698	2014	2015	0.3	3.2	4.8	9.7	3.9	4.5	3.7	13.3	16.8	30.0
34698	35064	2015	2016	0.3	3.1	4.8	9.5	3.9	4.5	3.7	13.2	16.6	29.8
35064	35429	2016	2017	0.3	3.1	4.8	9.3	3.9	4.5	3.6	13.2	16.4	29.6
35429	35794	2017	2018	0.3	3.1	4.8	9.2	3.9	4.5	3.6	13.2	16.2	29.4
35794	36159	2018	2019	0.3	3.1	4.8	8.9	3.9	4.5	3.6	13.2	15.9	29.1
36159	36525	2019	2020	0.3	3.1	4.8	8.8	3.9	4.5	3.6	13.2	15.9	29.0
36525	36890	2020	2021	0.3	3.1	4.8	8.8	3.9	4.5	3.6	13.2	15.8	29.0
36890	37255	2021	2022	0.3	3.1	4.8	8.8	3.9	4.5	3.6	13.2	15.8	28.9
37255	37620	2022	2023	0.3	3.1	4.8	8.7	3.9	4.5	3.6	13.2	15.7	28.9
37620	37986	2023	2024	0.3	3.1	4.8	8.7	3.9	4.5	3.6	13.2	15.7	28.9
37986	38351	2024	2025	0.3	3.1	4.8	8.7	3.9	4.5	3.6	13.1	15.7	28.8

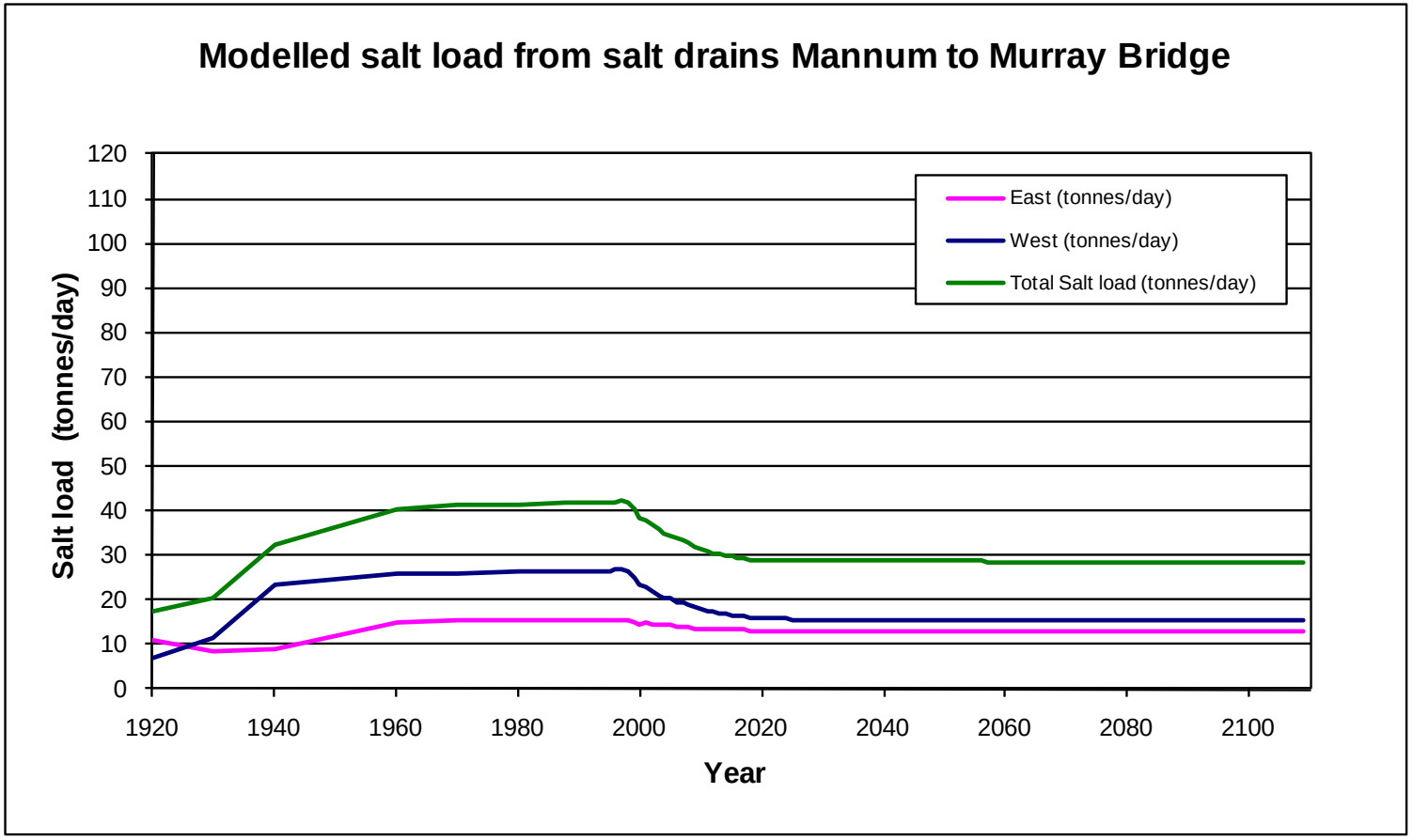
B-5(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3c) (highland to salt drains)

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	0.3	3.1	4.8	8.7	3.9	4.5	3.6	13.1	15.7	28.8
38716	39081	2026	2027	0.3	3.1	4.8	8.7	3.9	4.5	3.6	13.1	15.6	28.8
39081	39447	2027	2028	0.3	3.1	4.8	8.7	3.9	4.5	3.6	13.1	15.6	28.8
39447	39812	2028	2029	0.3	3.1	4.8	8.6	3.9	4.5	3.6	13.1	15.6	28.7
39812	40177	2029	2030	0.3	3.1	4.8	8.6	3.9	4.5	3.6	13.1	15.6	28.7
40177	40542	2030	2031	0.3	3.1	4.8	8.6	3.9	4.5	3.6	13.1	15.6	28.7
40542	40908	2031	2032	0.3	3.0	4.8	8.6	3.9	4.5	3.6	13.1	15.6	28.7
40908	41273	2032	2033	0.3	3.0	4.8	8.6	3.9	4.5	3.6	13.1	15.6	28.7
41273	41638	2033	2034	0.3	3.0	4.8	8.6	3.9	4.5	3.6	13.1	15.6	28.7
41638	42003	2034	2035	0.3	3.0	4.8	8.6	3.9	4.5	3.6	13.1	15.6	28.7
42003	42369	2035	2036	0.3	3.0	4.8	8.6	3.9	4.5	3.6	13.1	15.6	28.7
42369	42734	2036	2037	0.3	3.0	4.8	8.6	3.9	4.5	3.6	13.1	15.6	28.7
42734	43099	2037	2038	0.3	3.0	4.8	8.6	3.9	4.5	3.6	13.1	15.6	28.7
43099	43464	2038	2039	0.3	3.0	4.8	8.6	3.9	4.5	3.6	13.1	15.5	28.7
43464	43830	2039	2040	0.3	3.0	4.8	8.6	3.9	4.5	3.6	13.1	15.5	28.7
43830	44195	2040	2041	0.3	3.0	4.8	8.6	3.9	4.5	3.6	13.1	15.5	28.7
44195	44560	2041	2042	0.3	3.0	4.8	8.6	3.9	4.5	3.6	13.1	15.5	28.7
44560	44925	2042	2043	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.7
44925	45291	2043	2044	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.7
45291	45656	2044	2045	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.7
45656	46021	2045	2046	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.7
46021	46386	2046	2047	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.7
46386	46752	2047	2048	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.7
46752	47117	2048	2049	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
47117	47482	2049	2050	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
47482	47847	2050	2051	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
47847	48213	2051	2052	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
48213	48578	2052	2053	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
48578	48943	2053	2054	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
48943	49308	2054	2055	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
49308	49674	2055	2056	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
49674	50039	2056	2057	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
50039	50404	2057	2058	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
50404	50769	2058	2059	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
50769	51135	2059	2060	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
51135	51500	2060	2061	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
51500	51865	2061	2062	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
51865	52230	2062	2063	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
52230	52596	2063	2064	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
52596	52961	2064	2065	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
52961	53326	2065	2066	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
53326	53691	2066	2067	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6

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	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
54057	54422	2068	2069	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
54422	54787	2069	2070	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
54787	55152	2070	2071	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
55152	55518	2071	2072	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
55518	55883	2072	2073	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
55883	56248	2073	2074	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
56248	56613	2074	2075	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
56613	56979	2075	2076	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
56979	57344	2076	2077	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
57344	57709	2077	2078	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
57709	58074	2078	2079	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
58074	58440	2079	2080	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
58440	58805	2080	2081	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
58805	59170	2081	2082	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
59170	59535	2082	2083	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
59535	59901	2083	2084	0.3	3.0	4.7	8.6	3.9	4.5	3.6	13.1	15.5	28.6
59901	60266	2084	2085	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
60266	60631	2085	2086	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
60631	60996	2086	2087	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
60996	61362	2087	2088	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
61362	61727	2088	2089	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
61727	62092	2089	2090	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
62092	62457	2090	2091	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
62457	62823	2091	2092	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
62823	63188	2092	2093	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
63188	63553	2093	2094	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
63553	63918	2094	2095	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
63918	64284	2095	2096	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
64284	64649	2096	2097	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
64649	65014	2097	2098	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
65014	65379	2098	2099	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
65379	65745	2099	2100	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
65745	66110	2100	2101	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
66110	66475	2101	2102	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
66475	66840	2102	2103	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
66840	67206	2103	2104	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
67206	67571	2104	2105	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
67571	67936	2105	2106	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
67936	68301	2106	2107	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
68301	68667	2107	2108	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
68667	69032	2108	2109	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
69032	69397	2109	2110	0.3	3.0	4.7	8.5	3.9	4.5	3.6	13.1	15.5	28.6
	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) (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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
3652	7305	1930	1940	0.1	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.7	0.7
7305	14610	1940	1960	0.1	0.1	0.0	0.9	0.0	0.0	0.0	0.0	1.1	1.1
14610	18263	1960	1970	0.1	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	1.0	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	0.2	0.0	1.8	0.0	0.0	0.0	0.0	2.1	2.1
28854	29220	1999	2000	0.1	0.2	0.0	1.7	0.0	0.0	0.0	0.0	2.1	2.1
29220	29585	2000	2001	0.1	0.2	0.0	1.7	0.0	0.0	0.0	0.0	2.0	2.1
29585	29950	2001	2002	0.1	0.6	0.0	1.7	0.0	0.0	0.0	0.0	2.5	2.5
29950	30315	2002	2003	0.1	0.7	0.0	1.7	0.0	0.0	0.1	0.0	2.6	2.6
30315	30681	2003	2004	0.1	0.7	0.1	1.7	0.0	0.0	0.0	0.1	2.5	2.5
30681	31046	2004	2005	0.1	0.7	0.1	1.6	0.0	0.0	0.0	0.1	2.5	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	0.7	0.1	1.6	0.0	0.0	0.0	0.1	2.3	2.4
32142	32507	2008	2009	0.1	0.6	0.1	1.5	0.0	0.0	0.0	0.1	2.2	2.2
32507	32872	2009	2010	0.1	0.6	0.1	1.4	0.0	0.0	0.0	0.1	2.1	2.2
32872	33237	2010	2011	0.1	0.6	0.1	1.4	0.0	0.0	0.0	0.1	2.0	2.1
33237	33603	2011	2012	0.1	0.6	0.1	1.3	0.0	0.0	0.0	0.1	2.0	2.1
33603	33968	2012	2013	0.1	0.6	0.1	1.3	0.0	0.0	0.0	0.1	2.0	2.0
33968	34333	2013	2014	0.1	0.6	0.1	1.2	0.0	0.0	0.0	0.1	1.9	2.0
34333	34698	2014	2015	0.1	0.6	0.1	1.2	0.0	0.0	0.0	0.1	1.9	1.9
34698	35064	2015	2016	0.1	0.6	0.1	1.2	0.0	0.0	0.0	0.1	1.9	1.9
35064	35429	2016	2017	0.1	0.6	0.1	1.1	0.0	0.0	0.0	0.1	1.8	1.9
35429	35794	2017	2018	0.1	0.6	0.1	1.1	0.0	0.0	0.0	0.1	1.8	1.8
35794	36159	2018	2019	0.1	0.6	0.1	1.1	0.0	0.0	0.0	0.1	1.7	1.8
36159	36525	2019	2020	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.8
36525	36890	2020	2021	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.8
36890	37255	2021	2022	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.8
37255	37620	2022	2023	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.8
37620	37986	2023	2024	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.7
37986	38351	2024	2025	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.7

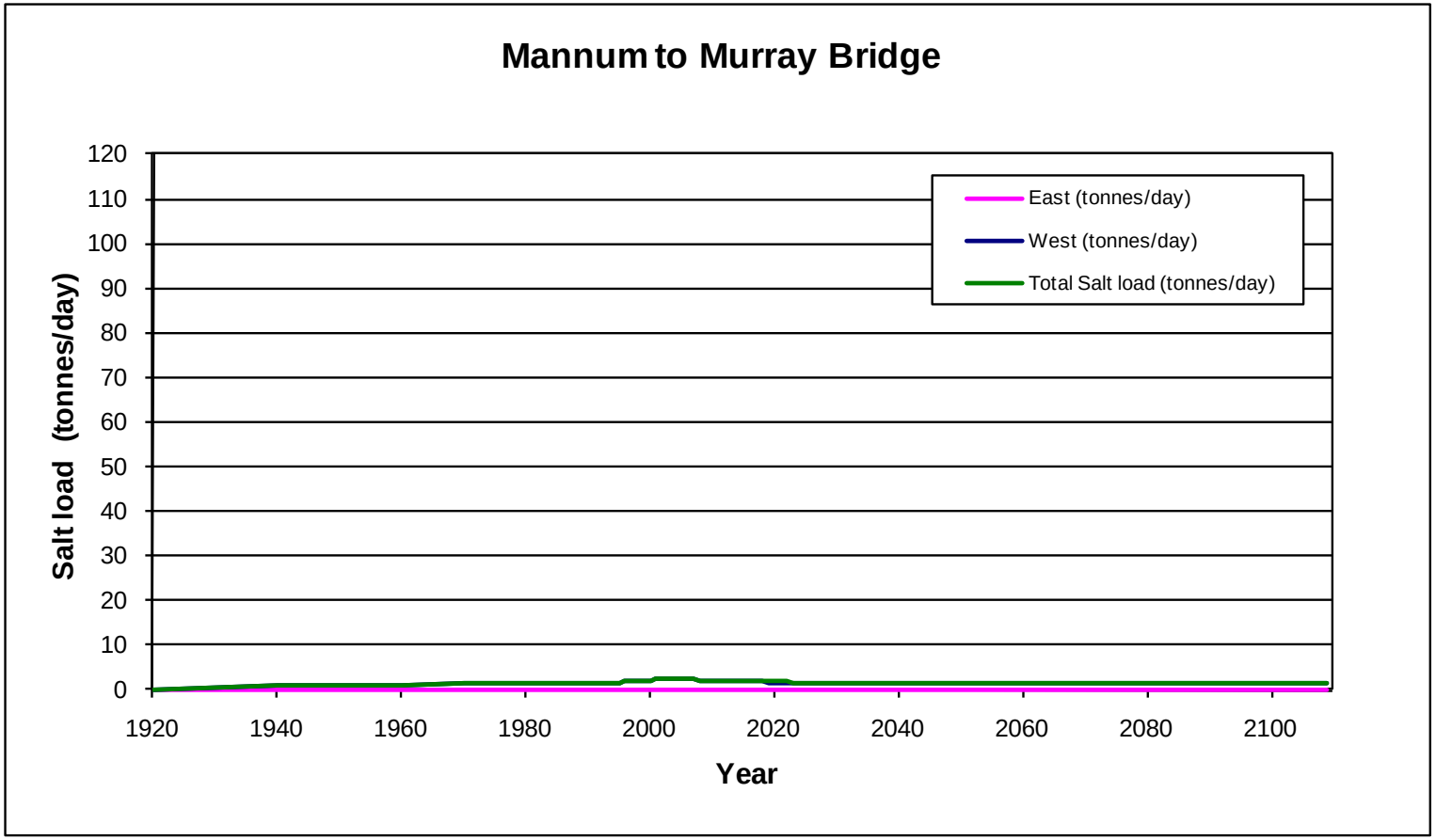
B-5(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 3c) (floodplain to river)

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)
38351	38716	2025	2026	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.7
38716	39081	2026	2027	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.7
39081	39447	2027	2028	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.7
39447	39812	2028	2029	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.7
39812	40177	2029	2030	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.7
40177	40542	2030	2031	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.7
40542	40908	2031	2032	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.7
40908	41273	2032	2033	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.7
41273	41638	2033	2034	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.7
41638	42003	2034	2035	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.7
42003	42369	2035	2036	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.7
42369	42734	2036	2037	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.7
42734	43099	2037	2038	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.7
43099	43464	2038	2039	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.7
43464	43830	2039	2040	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.7
43830	44195	2040	2041	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.7
44195	44560	2041	2042	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
44560	44925	2042	2043	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
44925	45291	2043	2044	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
45291	45656	2044	2045	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
45656	46021	2045	2046	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
46021	46386	2046	2047	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
46386	46752	2047	2048	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
46752	47117	2048	2049	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
47117	47482	2049	2050	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
47482	47847	2050	2051	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
47847	48213	2051	2052	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
48213	48578	2052	2053	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
48578	48943	2053	2054	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
48943	49308	2054	2055	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
49308	49674	2055	2056	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
49674	50039	2056	2057	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
50039	50404	2057	2058	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
50404	50769	2058	2059	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
50769	51135	2059	2060	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
51135	51500	2060	2061	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
51500	51865	2061	2062	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
51865	52230	2062	2063	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
52230	52596	2063	2064	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
52596	52961	2064	2065	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
52961	53326	2065	2066	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
53326	53691	2066	2067	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7

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	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
54057	54422	2068	2069	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
54422	54787	2069	2070	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
54787	55152	2070	2071	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
55152	55518	2071	2072	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
55518	55883	2072	2073	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.6	1.7
55883	56248	2073	2074	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
56248	56613	2074	2075	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
56613	56979	2075	2076	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
56979	57344	2076	2077	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
57344	57709	2077	2078	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
57709	58074	2078	2079	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
58074	58440	2079	2080	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
58440	58805	2080	2081	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
58805	59170	2081	2082	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
59170	59535	2082	2083	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
59535	59901	2083	2084	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
59901	60266	2084	2085	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
60266	60631	2085	2086	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
60631	60996	2086	2087	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
60996	61362	2087	2088	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
61362	61727	2088	2089	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
61727	62092	2089	2090	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
62092	62457	2090	2091	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
62457	62823	2091	2092	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
62823	63188	2092	2093	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
63188	63553	2093	2094	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
63553	63918	2094	2095	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
63918	64284	2095	2096	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
64284	64649	2096	2097	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
64649	65014	2097	2098	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
65014	65379	2098	2099	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
65379	65745	2099	2100	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
65745	66110	2100	2101	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
66110	66475	2101	2102	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
66475	66840	2102	2103	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
66840	67206	2103	2104	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
67206	67571	2104	2105	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
67571	67936	2105	2106	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
67936	68301	2106	2107	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
68301	68667	2107	2108	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
68667	69032	2108	2109	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
69032	69397	2109	2110	0.1	0.6	0.1	0.9	0.0	0.0	0.0	0.1	1.6	1.7
	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	239	352	267	599	607	469	***1558***	***1006***	**2564**
3652	*7305*	1930	1940	19	206	264	1052	512	496	422	***1272***	***1699***	**2971**
7305	*14610*	1940	1960	20	233	279	2665	527	504	432	***1310***	***3350***	**4660**
14610	*18263*	1960	1970	36	600	673	2690	917	507	435	***2097***	***3762***	**5859**
18263	*21915*	1970	1980	45	648	695	2703	935	510	438	***2140***	***3833***	**5973**
21915	*24837*	1980	1988	47	662	702	2710	942	512	439	***2155***	***3858***	**6014**
24837	*25202*	1988	1989	47	663	702	2710	942	512	439	***2156***	***3860***	**6017**
25202	*25567*	1989	1990	47	664	703	2711	943	512	440	***2157***	***3861***	**6018**
25567	*25932*	1990	1991	47	665	703	2711	943	512	440	***2158***	***3862***	**6020**
25932	*26298*	1991	1992	47	665	703	2711	943	512	440	***2158***	***3863***	**6022**
26298	*26663*	1992	1993	47	666	703	2711	944	512	440	***2159***	***3864***	**6023**
26663	*27028*	1993	1994	47	666	704	2712	944	512	440	***2160***	***3865***	**6025**
27028	*27393*	1994	1995	48	667	704	2712	944	512	440	***2160***	***3866***	**6026**
27393	*27759*	1995	1996	48	668	704	2738	945	512	440	***2161***	***3894***	**6056**
27759	*28124*	1996	1997	48	670	705	2763	945	512	440	***2163***	***3921***	**6084**
28124	*28489*	1997	1998	48	673	705	2781	946	513	441	***2164***	***3942***	**6106**
28489	*28854*	1998	1999	49	669	705	2703	931	537	456	***2173***	***3878***	**6051**
28854	*29220*	1999	2000	51	650	676	2498	900	558	468	***2134***	***3667***	**5801**
29220	*29585*	2000	2001	51	628	638	2329	875	558	466	***2071***	***3474***	**5544**
29585	*29950*	2001	2002	51	622	614	2203	890	593	503	***2096***	***3379***	**5475**
29950	*30315*	2002	2003	52	620	596	2062	886	611	519	***2093***	***3254***	**5347**
30315	*30681*	2003	2004	53	617	582	1920	877	622	527	***2081***	***3117***	**5198**
30681	*31046*	2004	2005	54	611	569	1854	868	630	531	***2066***	***3049***	**5116**
31046	*31411*	2005	2006	55	603	557	1795	856	636	532	***2049***	***2986***	**5035**
31411	*31776*	2006	2007	56	594	545	1716	845	640	532	***2029***	***2898***	**4928**
31776	*32142*	2007	2008	56	584	534	1696	832	643	532	***2009***	***2868***	**4877**
32142	*32507*	2008	2009	57	571	523	1653	815	648	532	***1986***	***2813***	**4799**
32507	*32872*	2009	2010	56	557	506	1574	803	645	527	***1954***	***2714***	**4668**
32872	*33237*	2010	2011	56	547	497	1518	797	643	525	***1937***	***2645***	**4582**
33237	*33603*	2011	2012	56	540	492	1475	792	642	524	***1926***	***2594***	**4520**
33603	*33968*	2012	2013	55	535	488	1440	790	642	523	***1920***	***2553***	**4473**
33968	*34333*	2013	2014	55	530	486	1411	787	642	522	***1915***	***2518***	**4433**
34333	*34698*	2014	2015	55	527	484	1382	785	641	522	***1911***	***2485***	**4396**
34698	*35064*	2015	2016	54	524	482	1359	784	641	522	***1908***	***2459***	**4367**
35064	*35429*	2016	2017	54	522	481	1333	783	641	521	***1905***	***2430***	**4336**
35429	*35794*	2017	2018	54	520	480	1310	782	641	521	***1903***	***2405***	**4308**
35794	*36159*	2018	2019	54	518	479	1272	781	641	521	***1901***	***2365***	**4266**
36159	*36525*	2019	2020	54	516	479	1262	780	641	521	***1900***	***2353***	**4253**
36525	*36890*	2020	2021	53	515	478	1256	779	641	521	***1899***	***2346***	**4245**
36890	*37255*	2021	2022	53	514	478	1252	779	641	521	***1898***	***2341***	**4239**
37255	*37620*	2022	2023	53	514	478	1249	779	642	521	***1898***	***2337***	**4234**
37620	*37986*	2023	2024	53	513	477	1246	778	642	521	***1897***	***2332***	**4229**
37986	*38351*	2024	2025	53	519	495	1241	780	645	530	***1920***	***2344***	**4264**

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	53	525	502	1238	781	650	536	1932	2351	4283
38716	39081	2026	2027	53	529	507	1242	781	675	543	1963	2366	4329
39081	39447	2027	2028	53	533	510	1241	781	691	547	1982	2374	4355
39447	39812	2028	2029	53	541	514	1246	783	713	551	2010	2391	4400
39812	40177	2029	2030	53	549	516	1255	784	723	554	2022	2410	4432
40177	40542	2030	2031	53	559	525	1268	784	729	572	2039	2451	4490
40542	40908	2031	2032	53	568	530	1275	785	734	579	2049	2475	4524
40908	41273	2032	2033	53	582	534	1286	794	757	585	2085	2505	4590
41273	41638	2033	2034	53	594	536	1294	800	764	589	2099	2530	4629
41638	42003	2034	2035	53	604	538	1299	802	768	592	2108	2549	4657
42003	42369	2035	2036	54	618	576	1324	812	776	600	2164	2595	4759
42369	42734	2036	2037	54	632	593	1335	822	785	608	2200	2628	4829
42734	43099	2037	2038	54	644	602	1342	829	793	614	2224	2654	4878
43099	43464	2038	2039	54	654	607	1347	834	800	618	2242	2674	4916
43464	43830	2039	2040	54	664	611	1351	839	807	622	2257	2691	4947
43830	44195	2040	2041	54	672	613	1355	843	812	625	2268	2705	4974
44195	44560	2041	2042	54	679	615	1357	846	817	627	2278	2718	4996
44560	44925	2042	2043	54	686	616	1360	849	821	630	2287	2729	5016
44925	45291	2043	2044	54	692	618	1362	852	825	632	2295	2739	5034
45291	45656	2044	2045	54	698	619	1363	854	829	633	2302	2748	5050
45656	46021	2045	2046	54	703	620	1365	857	832	635	2308	2757	5065
46021	46386	2046	2047	54	707	621	1366	858	834	637	2314	2764	5078
46386	46752	2047	2048	54	711	622	1368	860	837	638	2319	2771	5090
46752	47117	2048	2049	54	715	623	1369	862	839	639	2324	2778	5101
47117	47482	2049	2050	55	719	623	1370	863	841	641	2328	2784	5112
47482	47847	2050	2051	55	722	624	1371	865	843	642	2332	2789	5121
47847	48213	2051	2052	55	725	625	1372	866	845	643	2336	2795	5131
48213	48578	2052	2053	55	728	626	1373	868	846	644	2340	2799	5139
48578	48943	2053	2054	55	731	626	1374	869	848	645	2343	2804	5147
48943	49308	2054	2055	55	733	627	1375	870	849	645	2346	2808	5155
49308	49674	2055	2056	55	735	628	1376	871	851	646	2349	2812	5162
49674	50039	2056	2057	55	737	628	1377	872	852	647	2352	2816	5169
50039	50404	2057	2058	55	739	629	1378	873	853	648	2355	2820	5175
50404	50769	2058	2059	55	741	629	1379	874	854	649	2358	2823	5181
50769	51135	2059	2060	55	743	630	1379	875	855	649	2360	2827	5187
51135	51500	2060	2061	55	745	630	1380	876	856	650	2363	2830	5192
51500	51865	2061	2062	55	746	631	1381	877	857	650	2365	2833	5198
51865	52230	2062	2063	55	748	631	1382	878	858	651	2367	2836	5203
52230	52596	2063	2064	55	749	632	1383	878	859	652	2369	2838	5208
52596	52961	2064	2065	55	750	632	1383	879	860	652	2372	2841	5213
52961	53326	2065	2066	55	752	633	1384	880	861	653	2374	2844	5217
53326	53691	2066	2067	55	753	633	1385	881	862	653	2375	2846	5222

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	55	754	634	1385	881	862	654	2377	2848	5226
54057	54422	2068	2069	55	755	634	1386	882	863	654	2379	2851	5230
54422	54787	2069	2070	55	756	634	1387	883	864	655	2381	2853	5234
54787	55152	2070	2071	55	757	635	1387	883	864	655	2383	2855	5237
55152	55518	2071	2072	55	758	635	1388	884	865	655	2384	2857	5241
55518	55883	2072	2073	56	759	636	1388	885	866	656	2386	2859	5244
55883	56248	2073	2074	56	760	636	1389	885	866	656	2387	2860	5248
56248	56613	2074	2075	56	761	636	1389	886	867	657	2389	2862	5251
56613	56979	2075	2076	56	762	636	1390	886	867	657	2390	2864	5254
56979	57344	2076	2077	56	762	637	1390	887	868	657	2391	2866	5257
57344	57709	2077	2078	56	763	637	1391	887	868	658	2393	2867	5260
57709	58074	2078	2079	56	764	637	1391	888	869	658	2394	2869	5263
58074	58440	2079	2080	56	764	638	1392	889	869	658	2395	2870	5265
58440	58805	2080	2081	56	765	638	1392	889	870	658	2397	2871	5268
58805	59170	2081	2082	56	766	638	1393	890	870	659	2398	2873	5271
59170	59535	2082	2083	56	766	638	1393	890	871	659	2399	2874	5273
59535	59901	2083	2084	56	767	639	1394	891	871	659	2400	2876	5276
59901	60266	2084	2085	56	767	639	1394	891	871	660	2401	2877	5278
60266	60631	2085	2086	56	768	639	1394	891	872	660	2402	2878	5280
60631	60996	2086	2087	56	768	639	1395	892	872	660	2403	2879	5282
60996	61362	2087	2088	56	769	640	1395	892	872	660	2404	2880	5285
61362	61727	2088	2089	56	769	640	1395	893	873	660	2405	2881	5287
61727	62092	2089	2090	56	770	640	1396	893	873	661	2406	2882	5289
62092	62457	2090	2091	56	770	640	1396	894	873	661	2407	2883	5291
62457	62823	2091	2092	56	771	640	1396	894	874	661	2408	2884	5293
62823	63188	2092	2093	56	771	641	1397	894	874	661	2409	2885	5295
63188	63553	2093	2094	56	772	641	1397	895	874	662	2410	2886	5296
63553	63918	2094	2095	56	772	641	1397	895	875	662	2411	2887	5298
63918	64284	2095	2096	56	772	641	1398	896	875	662	2412	2888	5300
64284	64649	2096	2097	56	773	641	1398	896	875	662	2413	2889	5302
64649	65014	2097	2098	56	773	642	1398	896	876	662	2413	2890	5303
65014	65379	2098	2099	56	773	642	1398	897	876	662	2414	2891	5305
65379	65745	2099	2100	56	774	642	1399	897	876	663	2415	2891	5306
65745	66110	2100	2101	56	774	642	1399	897	876	663	2416	2892	5308
66110	66475	2101	2102	56	774	642	1399	898	877	663	2416	2893	5309
66475	66840	2102	2103	56	775	642	1399	898	877	663	2417	2893	5311
66840	67206	2103	2104	56	775	642	1400	898	877	663	2418	2894	5312
67206	67571	2104	2105	56	775	643	1400	899	877	663	2418	2895	5313
67571	67936	2105	2106	56	775	643	1400	899	877	663	2419	2895	5314
67936	68301	2106	2107	57	776	643	1400	899	878	664	2420	2896	5316
68301	68667	2107	2108	57	776	643	1400	900	878	664	2420	2896	5317
68667	69032	2108	2109	57	776	643	1401	900	878	664	2421	2897	5318
69032	69397	2109	2110	57	776	643	1401	900	878	664	2421	2897	5318

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	10	15	1	0	0	0	0	1	25	27
3652	7305	1930	1940	10	16	1	75	0	0	0	1	101	102
7305	14610	1940	1960	10	17	1	132	0	0	0	1	160	161
14610	18263	1960	1970	13	21	1	144	0	0	0	1	178	180
18263	21915	1970	1980	16	30	1	150	0	0	0	1	196	197
21915	24837	1980	1988	17	36	1	153	0	0	0	1	206	208
24837	25202	1988	1989	17	37	1	153	0	0	0	1	207	209
25202	25567	1989	1990	17	37	1	153	0	0	0	1	208	209
25567	25932	1990	1991	17	37	1	153	0	0	0	1	208	210
25932	26298	1991	1992	18	38	1	153	0	0	0	1	209	210
26298	26663	1992	1993	18	38	1	154	0	0	0	1	209	211
26663	27028	1993	1994	18	38	1	154	0	0	0	1	210	211
27028	27393	1994	1995	18	39	1	154	0	0	0	1	210	211
27393	27759	1995	1996	18	39	1	194	0	0	0	1	251	252
27759	28124	1996	1997	18	40	1	224	0	0	0	1	282	283
28124	28489	1997	1998	18	40	1	244	0	0	0	1	303	304
28489	28854	1998	1999	18	41	1	256	0	0	0	1	315	316
28854	29220	1999	2000	18	41	1	249	0	0	0	1	308	310
29220	29585	2000	2001	18	42	1	243	0	0	0	1	302	304
29585	29950	2001	2002	18	105	3	249	0	0	7	3	378	381
29950	30315	2002	2003	18	115	5	246	0	0	7	5	386	391
30315	30681	2003	2004	17	117	6	237	0	0	6	6	378	383
30681	31046	2004	2005	17	117	6	233	0	0	5	6	372	378
31046	31411	2005	2006	17	115	6	229	0	0	4	6	365	371
31411	31776	2006	2007	17	113	6	225	0	0	3	6	358	363
31776	32142	2007	2008	17	109	6	222	0	0	1	6	349	355
32142	32507	2008	2009	16	102	5	210	0	0	0	5	329	334
32507	32872	2009	2010	16	101	5	202	0	0	0	5	320	325
32872	33237	2010	2011	16	100	5	195	0	0	0	5	312	317
33237	33603	2011	2012	16	100	5	189	0	0	0	5	305	310
33603	33968	2012	2013	16	100	5	183	0	0	0	5	299	304
33968	34333	2013	2014	16	100	5	178	0	0	0	5	294	299
34333	34698	2014	2015	15	100	5	173	0	0	0	5	288	293
34698	35064	2015	2016	15	100	5	168	0	0	0	5	284	289
35064	35429	2016	2017	15	100	5	163	0	0	0	5	279	284
35429	35794	2017	2018	15	101	5	159	0	0	0	5	275	280
35794	36159	2018	2019	15	101	5	153	0	0	0	5	268	274
36159	36525	2019	2020	15	101	5	150	0	0	0	5	266	271
36525	36890	2020	2021	15	101	5	148	0	0	0	5	264	269
36890	37255	2021	2022	15	101	5	146	0	0	0	5	262	267
37255	37620	2022	2023	15	101	5	145	0	0	0	5	261	266
37620	37986	2023	2024	15	101	5	144	0	0	0	5	260	265
37986	38351	2024	2025	15	117	5	147	0	0	0	5	279	284

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	15	125	6	149	0	0	0	6	289	295
38716	39081	2026	2027	15	132	6	168	0	0	0	6	315	321
39081	39447	2027	2028	15	136	6	172	0	0	0	6	323	329
39447	39812	2028	2029	15	139	6	174	0	0	3	6	332	338
39812	40177	2029	2030	15	141	6	176	0	0	5	6	338	344
40177	40542	2030	2031	15	143	6	181	0	0	7	6	346	353
40542	40908	2031	2032	15	145	7	182	0	0	9	7	351	358
40908	41273	2032	2033	15	150	7	186	0	1	13	7	364	371
41273	41638	2033	2034	15	157	7	188	0	2	17	9	377	386
41638	42003	2034	2035	15	163	7	190	0	3	18	10	386	396
42003	42369	2035	2036	15	178	7	191	0	22	23	30	408	437
42369	42734	2036	2037	15	196	7	192	0	32	30	39	433	473
42734	43099	2037	2038	16	211	7	194	0	38	34	46	454	500
43099	43464	2038	2039	16	222	7	195	0	44	37	51	470	521
43464	43830	2039	2040	16	232	7	196	0	48	39	55	483	538
43830	44195	2040	2041	16	240	8	197	0	51	41	59	494	553
44195	44560	2041	2042	16	247	8	198	0	54	42	61	503	565
44560	44925	2042	2043	16	253	8	199	0	56	43	64	511	575
44925	45291	2043	2044	16	258	8	200	0	58	44	66	518	584
45291	45656	2044	2045	16	262	8	201	0	60	45	68	524	592
45656	46021	2045	2046	16	266	8	202	0	62	46	69	530	599
46021	46386	2046	2047	17	270	8	202	0	63	46	71	535	605
46386	46752	2047	2048	17	273	8	203	0	64	47	72	539	611
46752	47117	2048	2049	17	276	8	204	0	65	47	73	544	617
47117	47482	2049	2050	17	279	8	204	0	66	47	74	548	622
47482	47847	2050	2051	17	282	8	205	0	67	48	75	551	626
47847	48213	2051	2052	17	284	8	205	0	68	48	76	555	631
48213	48578	2052	2053	17	286	8	206	0	69	48	77	558	635
48578	48943	2053	2054	18	289	8	206	0	70	49	77	561	638
48943	49308	2054	2055	18	291	8	207	0	70	49	78	564	642
49308	49674	2055	2056	18	292	8	207	0	71	49	79	567	646
49674	50039	2056	2057	18	294	8	208	0	71	49	79	569	649
50039	50404	2057	2058	18	296	8	208	0	72	50	80	572	652
50404	50769	2058	2059	18	298	8	209	0	73	50	81	574	655
50769	51135	2059	2060	18	299	8	209	0	73	50	81	576	658
51135	51500	2060	2061	19	301	8	209	0	74	50	82	579	660
51500	51865	2061	2062	19	302	8	210	0	74	50	82	581	663
51865	52230	2062	2063	19	303	8	210	0	74	51	82	583	665
52230	52596	2063	2064	19	305	8	210	0	75	51	83	585	668
52596	52961	2064	2065	19	306	8	211	0	75	51	83	587	670
52961	53326	2065	2066	19	307	8	211	0	76	51	84	589	672
53326	53691	2066	2067	20	308	8	211	0	76	51	84	590	675

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	20	309	8	212	0	77	51	85	592	677
54057	54422	2068	2069	20	310	8	212	0	77	51	85	594	679
54422	54787	2069	2070	20	311	8	212	0	77	52	86	595	681
54787	55152	2070	2071	20	312	8	212	0	78	52	86	597	683
55152	55518	2071	2072	20	313	8	213	0	78	52	86	598	684
55518	55883	2072	2073	20	314	8	213	0	78	52	87	600	686
55883	56248	2073	2074	21	315	8	213	0	79	52	87	601	688
56248	56613	2074	2075	21	316	8	213	0	79	52	87	602	689
56613	56979	2075	2076	21	317	8	214	0	79	52	88	603	691
56979	57344	2076	2077	21	318	8	214	0	80	52	88	605	693
57344	57709	2077	2078	21	318	8	214	0	80	52	88	606	694
57709	58074	2078	2079	21	319	8	214	0	80	52	88	607	695
58074	58440	2079	2080	22	320	8	214	0	81	53	89	608	697
58440	58805	2080	2081	22	320	8	215	0	81	53	89	609	698
58805	59170	2081	2082	22	321	8	215	0	81	53	89	610	699
59170	59535	2082	2083	22	322	8	215	0	81	53	89	611	701
59535	59901	2083	2084	22	322	8	215	0	82	53	90	612	702
59901	60266	2084	2085	22	323	8	215	0	82	53	90	613	703
60266	60631	2085	2086	22	323	8	215	0	82	53	90	614	704
60631	60996	2086	2087	23	324	8	215	0	82	53	90	615	705
60996	61362	2087	2088	23	324	8	216	0	82	53	91	616	707
61362	61727	2088	2089	23	325	8	216	0	83	53	91	617	708
61727	62092	2089	2090	23	325	8	216	0	83	53	91	618	709
62092	62457	2090	2091	23	326	8	216	0	83	53	91	618	710
62457	62823	2091	2092	23	326	8	216	0	83	53	91	619	711
62823	63188	2092	2093	23	327	8	216	0	83	54	92	620	712
63188	63553	2093	2094	24	327	8	216	0	83	54	92	621	713
63553	63918	2094	2095	24	328	8	216	0	84	54	92	621	713
63918	64284	2095	2096	24	328	8	217	0	84	54	92	622	714
64284	64649	2096	2097	24	328	8	217	0	84	54	92	623	715
64649	65014	2097	2098	24	329	8	217	0	84	54	92	623	716
65014	65379	2098	2099	24	329	8	217	0	84	54	93	624	717
65379	65745	2099	2100	24	329	8	217	0	84	54	93	625	718
65745	66110	2100	2101	25	330	8	217	0	85	54	93	625	718
66110	66475	2101	2102	25	330	8	217	0	85	54	93	626	719
66475	66840	2102	2103	25	330	8	217	0	85	54	93	626	720
66840	67206	2103	2104	25	331	8	217	0	85	54	93	627	720
67206	67571	2104	2105	25	331	8	217	0	85	54	93	627	721
67571	67936	2105	2106	25	331	8	217	0	85	54	94	628	721
67936	68301	2106	2107	25	332	8	218	0	85	54	94	628	722
68301	68667	2107	2108	25	332	8	218	0	85	54	94	629	723
68667	69032	2108	2109	25	332	8	218	0	86	54	94	629	723
69032	69397	2109	2110	25	332	8	218	0	86	54	94	629	723

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	1.4	3.5	1.9	3.0	4.2	3.3	***10.8***	***6.7***	17.5
3652	*7305*	1930	1940	0.1	1.2	2.6	7.4	2.6	3.5	3.0	***8.7***	***11.6***	20.3
7305	*14610*	1940	1960	0.1	1.4	2.8	18.7	2.6	3.5	3.0	***9.0***	***23.2***	32.1
14610	*18263*	1960	1970	0.2	3.6	6.7	18.8	4.6	3.5	3.0	***14.9***	***25.7***	40.5
18263	*21915*	1970	1980	0.2	3.9	7.0	18.9	4.7	3.6	3.1	***15.2***	***26.1***	41.3
21915	*24837*	1980	1988	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	41.6
24837	*25202*	1988	1989	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	41.6
25202	*25567*	1989	1990	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	41.6
25567	*25932*	1990	1991	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	41.6
25932	*26298*	1991	1992	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	41.6
26298	*26663*	1992	1993	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	41.6
26663	*27028*	1993	1994	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	41.6
27028	*27393*	1994	1995	0.2	4.0	7.0	19.0	4.7	3.6	3.1	***15.3***	***26.3***	41.6
27393	*27759*	1995	1996	0.2	4.0	7.0	19.2	4.7	3.6	3.1	***15.4***	***26.5***	41.8
27759	*28124*	1996	1997	0.2	4.0	7.0	19.3	4.7	3.6	3.1	***15.4***	***26.7***	42.0
28124	*28489*	1997	1998	0.2	4.0	7.1	19.5	4.7	3.6	3.1	***15.4***	***26.8***	42.2
28489	*28854*	1998	1999	0.2	4.0	7.0	18.9	4.7	3.8	3.2	***15.5***	***26.4***	41.8
28854	*29220*	1999	2000	0.3	3.9	6.8	17.5	4.5	3.9	3.3	***15.2***	***24.9***	40.1
29220	*29585*	2000	2001	0.3	3.8	6.4	16.3	4.4	3.9	3.3	***14.7***	***23.6***	38.2
29585	*29950*	2001	2002	0.3	3.7	6.1	15.4	4.4	4.2	3.5	***14.7***	***22.9***	37.7
29950	*30315*	2002	2003	0.3	3.7	6.0	14.4	4.4	4.3	3.6	***14.7***	***22.1***	36.7
30315	*30681*	2003	2004	0.3	3.7	5.8	13.4	4.4	4.4	3.7	***14.6***	***21.1***	35.7
30681	*31046*	2004	2005	0.3	3.7	5.7	13.0	4.3	4.4	3.7	***14.4***	***20.6***	35.1
31046	*31411*	2005	2006	0.3	3.6	5.6	12.6	4.3	4.4	3.7	***14.3***	***20.2***	34.5
31411	*31776*	2006	2007	0.3	3.6	5.5	12.0	4.2	4.5	3.7	***14.2***	***19.6***	33.7
31776	*32142*	2007	2008	0.3	3.5	5.3	11.9	4.2	4.5	3.7	***14.0***	***19.4***	33.4
32142	*32507*	2008	2009	0.3	3.4	5.2	11.6	4.1	4.5	3.7	***13.8***	***19.0***	32.8
32507	*32872*	2009	2010	0.3	3.3	5.1	11.0	4.0	4.5	3.7	***13.6***	***18.3***	31.9
32872	*33237*	2010	2011	0.3	3.3	5.0	10.6	4.0	4.5	3.7	***13.5***	***17.9***	31.3
33237	*33603*	2011	2012	0.3	3.2	4.9	10.3	4.0	4.5	3.7	***13.4***	***17.5***	30.9
33603	*33968*	2012	2013	0.3	3.2	4.9	10.1	3.9	4.5	3.7	***13.3***	***17.2***	30.5
33968	*34333*	2013	2014	0.3	3.2	4.9	9.9	3.9	4.5	3.7	***13.3***	***17.0***	30.3
34333	*34698*	2014	2015	0.3	3.2	4.8	9.7	3.9	4.5	3.7	***13.3***	***16.8***	30.0
34698	*35064*	2015	2016	0.3	3.1	4.8	9.5	3.9	4.5	3.7	***13.2***	***16.6***	29.8
35064	*35429*	2016	2017	0.3	3.1	4.8	9.3	3.9	4.5	3.6	***13.2***	***16.4***	29.6
35429	*35794*	2017	2018	0.3	3.1	4.8	9.2	3.9	4.5	3.6	***13.2***	***16.2***	29.4
35794	*36159*	2018	2019	0.3	3.1	4.8	8.9	3.9	4.5	3.6	***13.2***	***15.9***	29.1
36159	*36525*	2019	2020	0.3	3.1	4.8	8.8	3.9	4.5	3.6	***13.2***	***15.9***	29.0
36525	*36890*	2020	2021	0.3	3.1	4.8	8.8	3.9	4.5	3.6	***13.2***	***15.8***	29.0
36890	*37255*	2021	2022	0.3	3.1	4.8	8.8	3.9	4.5	3.6	***13.2***	***15.8***	28.9
37255	*37620*	2022	2023	0.3	3.1	4.8	8.7	3.9	4.5	3.6	***13.2***	***15.7***	28.9
37620	*37986*	2023	2024	0.3	3.1	4.8	8.7	3.9	4.5	3.6	***13.2***	***15.7***	28.9
37986	*38351*	2024	2025	0.3	3.1	5.0	8.7	3.9	4.5	3.7	***13.4***	***15.8***	29.1

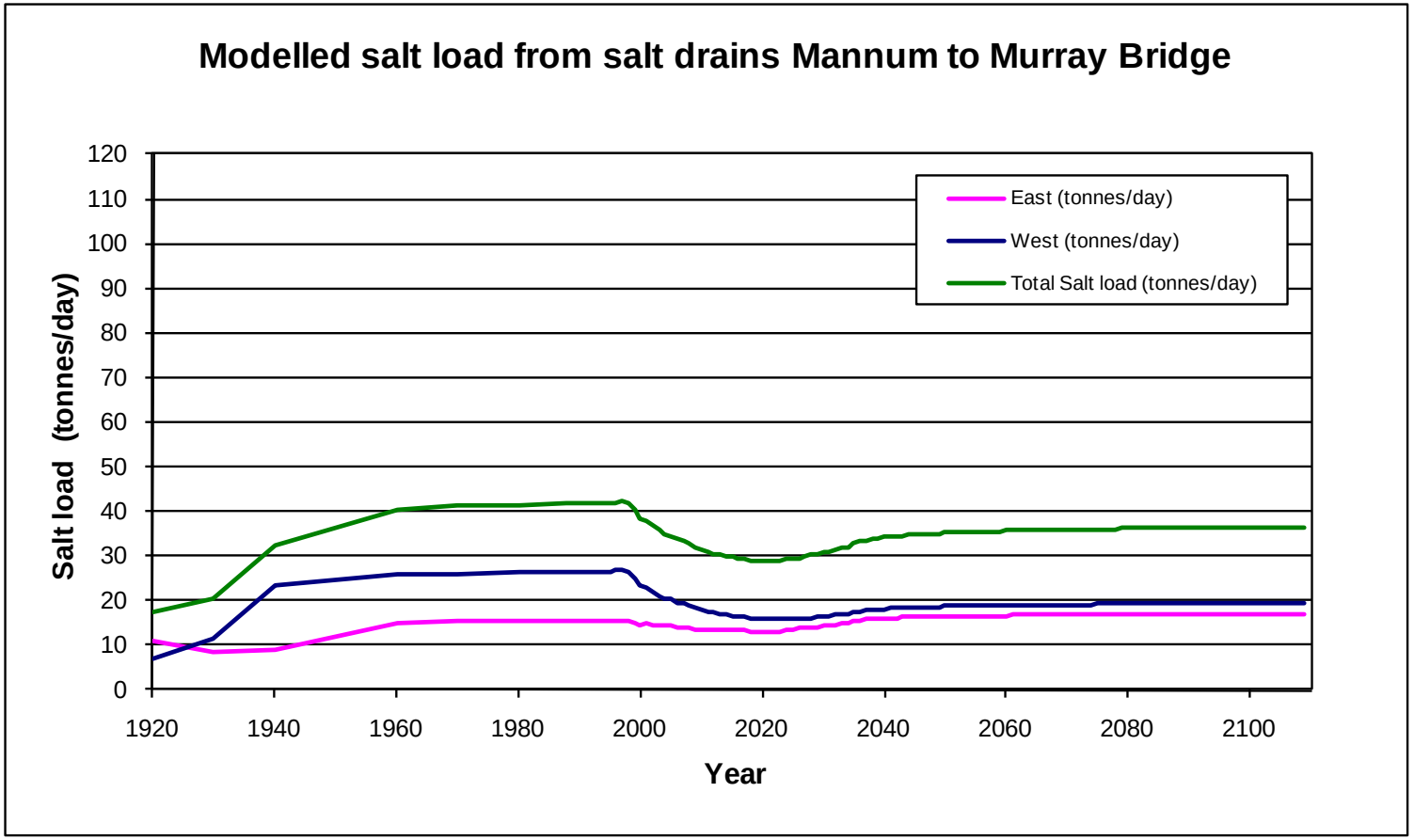
B-5(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 4) (highland to salt drains)

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	0.3	3.1	5.0	8.7	3.9	4.5	3.7	13.5	15.8	29.3
38716	39081	2026	2027	0.3	3.2	5.1	8.7	3.9	4.7	3.8	13.7	15.9	29.6
39081	39447	2027	2028	0.3	3.2	5.1	8.7	3.9	4.8	3.8	13.8	16.0	29.8
39447	39812	2028	2029	0.3	3.2	5.1	8.7	3.9	5.0	3.9	14.0	16.1	30.1
39812	40177	2029	2030	0.3	3.3	5.2	8.8	3.9	5.1	3.9	14.1	16.2	30.4
40177	40542	2030	2031	0.3	3.4	5.3	8.9	3.9	5.1	4.0	14.3	16.5	30.8
40542	40908	2031	2032	0.3	3.4	5.3	8.9	3.9	5.1	4.1	14.4	16.6	31.0
40908	41273	2032	2033	0.3	3.5	5.3	9.0	4.0	5.3	4.1	14.6	16.8	31.5
41273	41638	2033	2034	0.3	3.6	5.4	9.1	4.0	5.3	4.1	14.7	17.0	31.7
41638	42003	2034	2035	0.3	3.6	5.4	9.1	4.0	5.4	4.1	14.8	17.1	31.9
42003	42369	2035	2036	0.3	3.7	5.8	9.3	4.1	5.4	4.2	15.2	17.4	32.7
42369	42734	2036	2037	0.3	3.8	5.9	9.3	4.1	5.5	4.3	15.5	17.7	33.2
42734	43099	2037	2038	0.3	3.9	6.0	9.4	4.1	5.6	4.3	15.7	17.8	33.5
43099	43464	2038	2039	0.3	3.9	6.1	9.4	4.2	5.6	4.3	15.8	18.0	33.8
43464	43830	2039	2040	0.3	4.0	6.1	9.5	4.2	5.6	4.4	15.9	18.1	34.0
43830	44195	2040	2041	0.3	4.0	6.1	9.5	4.2	5.7	4.4	16.0	18.2	34.2
44195	44560	2041	2042	0.3	4.1	6.1	9.5	4.2	5.7	4.4	16.1	18.2	34.3
44560	44925	2042	2043	0.3	4.1	6.2	9.5	4.2	5.8	4.4	16.2	18.3	34.5
44925	45291	2043	2044	0.3	4.2	6.2	9.5	4.3	5.8	4.4	16.2	18.4	34.6
45291	45656	2044	2045	0.3	4.2	6.2	9.5	4.3	5.8	4.4	16.3	18.4	34.7
45656	46021	2045	2046	0.3	4.2	6.2	9.6	4.3	5.8	4.4	16.3	18.5	34.8
46021	46386	2046	2047	0.3	4.2	6.2	9.6	4.3	5.8	4.5	16.3	18.5	34.9
46386	46752	2047	2048	0.3	4.3	6.2	9.6	4.3	5.9	4.5	16.4	18.6	35.0
46752	47117	2048	2049	0.3	4.3	6.2	9.6	4.3	5.9	4.5	16.4	18.6	35.0
47117	47482	2049	2050	0.3	4.3	6.2	9.6	4.3	5.9	4.5	16.4	18.7	35.1
47482	47847	2050	2051	0.3	4.3	6.2	9.6	4.3	5.9	4.5	16.5	18.7	35.2
47847	48213	2051	2052	0.3	4.4	6.3	9.6	4.3	5.9	4.5	16.5	18.7	35.2
48213	48578	2052	2053	0.3	4.4	6.3	9.6	4.3	5.9	4.5	16.5	18.8	35.3
48578	48943	2053	2054	0.3	4.4	6.3	9.6	4.3	5.9	4.5	16.5	18.8	35.3
48943	49308	2054	2055	0.3	4.4	6.3	9.6	4.3	5.9	4.5	16.6	18.8	35.4
49308	49674	2055	2056	0.3	4.4	6.3	9.6	4.4	6.0	4.5	16.6	18.8	35.4
49674	50039	2056	2057	0.3	4.4	6.3	9.6	4.4	6.0	4.5	16.6	18.9	35.5
50039	50404	2057	2058	0.3	4.4	6.3	9.6	4.4	6.0	4.5	16.6	18.9	35.5
50404	50769	2058	2059	0.3	4.4	6.3	9.7	4.4	6.0	4.5	16.6	18.9	35.6
50769	51135	2059	2060	0.3	4.5	6.3	9.7	4.4	6.0	4.5	16.7	18.9	35.6
51135	51500	2060	2061	0.3	4.5	6.3	9.7	4.4	6.0	4.5	16.7	19.0	35.6
51500	51865	2061	2062	0.3	4.5	6.3	9.7	4.4	6.0	4.6	16.7	19.0	35.7
51865	52230	2062	2063	0.3	4.5	6.3	9.7	4.4	6.0	4.6	16.7	19.0	35.7
52230	52596	2063	2064	0.3	4.5	6.3	9.7	4.4	6.0	4.6	16.7	19.0	35.7
52596	52961	2064	2065	0.3	4.5	6.3	9.7	4.4	6.0	4.6	16.7	19.0	35.8
52961	53326	2065	2066	0.3	4.5	6.3	9.7	4.4	6.0	4.6	16.8	19.0	35.8
53326	53691	2066	2067	0.3	4.5	6.3	9.7	4.4	6.0	4.6	16.8	19.1	35.8

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	0.3	4.5	6.3	9.7	4.4	6.0	4.6	16.8	19.1	35.9
54057	54422	2068	2069	0.3	4.5	6.3	9.7	4.4	6.0	4.6	16.8	19.1	35.9
54422	54787	2069	2070	0.3	4.5	6.3	9.7	4.4	6.0	4.6	16.8	19.1	35.9
54787	55152	2070	2071	0.3	4.5	6.3	9.7	4.4	6.1	4.6	16.8	19.1	35.9
55152	55518	2071	2072	0.3	4.5	6.4	9.7	4.4	6.1	4.6	16.8	19.1	36.0
55518	55883	2072	2073	0.3	4.6	6.4	9.7	4.4	6.1	4.6	16.8	19.1	36.0
55883	56248	2073	2074	0.3	4.6	6.4	9.7	4.4	6.1	4.6	16.8	19.2	36.0
56248	56613	2074	2075	0.3	4.6	6.4	9.7	4.4	6.1	4.6	16.9	19.2	36.0
56613	56979	2075	2076	0.3	4.6	6.4	9.7	4.4	6.1	4.6	16.9	19.2	36.0
56979	57344	2076	2077	0.3	4.6	6.4	9.7	4.4	6.1	4.6	16.9	19.2	36.1
57344	57709	2077	2078	0.3	4.6	6.4	9.7	4.4	6.1	4.6	16.9	19.2	36.1
57709	58074	2078	2079	0.3	4.6	6.4	9.7	4.4	6.1	4.6	16.9	19.2	36.1
58074	58440	2079	2080	0.3	4.6	6.4	9.7	4.4	6.1	4.6	16.9	19.2	36.1
58440	58805	2080	2081	0.3	4.6	6.4	9.7	4.4	6.1	4.6	16.9	19.2	36.1
58805	59170	2081	2082	0.3	4.6	6.4	9.7	4.4	6.1	4.6	16.9	19.2	36.2
59170	59535	2082	2083	0.3	4.6	6.4	9.8	4.5	6.1	4.6	16.9	19.2	36.2
59535	59901	2083	2084	0.3	4.6	6.4	9.8	4.5	6.1	4.6	16.9	19.3	36.2
59901	60266	2084	2085	0.3	4.6	6.4	9.8	4.5	6.1	4.6	16.9	19.3	36.2
60266	60631	2085	2086	0.3	4.6	6.4	9.8	4.5	6.1	4.6	17.0	19.3	36.2
60631	60996	2086	2087	0.3	4.6	6.4	9.8	4.5	6.1	4.6	17.0	19.3	36.2
60996	61362	2087	2088	0.3	4.6	6.4	9.8	4.5	6.1	4.6	17.0	19.3	36.2
61362	61727	2088	2089	0.3	4.6	6.4	9.8	4.5	6.1	4.6	17.0	19.3	36.3
61727	62092	2089	2090	0.3	4.6	6.4	9.8	4.5	6.1	4.6	17.0	19.3	36.3
62092	62457	2090	2091	0.3	4.6	6.4	9.8	4.5	6.1	4.6	17.0	19.3	36.3
62457	62823	2091	2092	0.3	4.6	6.4	9.8	4.5	6.1	4.6	17.0	19.3	36.3
62823	63188	2092	2093	0.3	4.6	6.4	9.8	4.5	6.1	4.6	17.0	19.3	36.3
63188	63553	2093	2094	0.3	4.6	6.4	9.8	4.5	6.1	4.6	17.0	19.3	36.3
63553	63918	2094	2095	0.3	4.6	6.4	9.8	4.5	6.1	4.6	17.0	19.3	36.3
63918	64284	2095	2096	0.3	4.6	6.4	9.8	4.5	6.1	4.6	17.0	19.3	36.3
64284	64649	2096	2097	0.3	4.6	6.4	9.8	4.5	6.1	4.6	17.0	19.3	36.4
64649	65014	2097	2098	0.3	4.6	6.4	9.8	4.5	6.1	4.6	17.0	19.3	36.4
65014	65379	2098	2099	0.3	4.6	6.4	9.8	4.5	6.1	4.6	17.0	19.3	36.4
65379	65745	2099	2100	0.3	4.6	6.4	9.8	4.5	6.1	4.6	17.0	19.4	36.4
65745	66110	2100	2101	0.3	4.6	6.4	9.8	4.5	6.1	4.6	17.0	19.4	36.4
66110	66475	2101	2102	0.3	4.6	6.4	9.8	4.5	6.1	4.6	17.0	19.4	36.4
66475	66840	2102	2103	0.3	4.6	6.4	9.8	4.5	6.1	4.6	17.1	19.4	36.4
66840	67206	2103	2104	0.3	4.6	6.4	9.8	4.5	6.1	4.6	17.1	19.4	36.4
67206	67571	2104	2105	0.3	4.7	6.4	9.8	4.5	6.1	4.6	17.1	19.4	36.4
67571	67936	2105	2106	0.3	4.7	6.4	9.8	4.5	6.1	4.6	17.1	19.4	36.4
67936	68301	2106	2107	0.3	4.7	6.4	9.8	4.5	6.1	4.6	17.1	19.4	36.5
68301	68667	2107	2108	0.3	4.7	6.4	9.8	4.5	6.1	4.6	17.1	19.4	36.5
68667	69032	2108	2109	0.3	4.7	6.4	9.8	4.5	6.1	4.6	17.1	19.4	36.5
69032	69397	2109	2110	0.3	4.7	6.4	9.8	4.5	6.1	4.6	17.1	19.4	36.5
	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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
3652	7305	1930	1940	0.1	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.7	0.7
7305	14610	1940	1960	0.1	0.1	0.0	0.9	0.0	0.0	0.0	0.0	1.1	1.1
14610	18263	1960	1970	0.1	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	1.0	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	0.2	0.0	1.8	0.0	0.0	0.0	0.0	2.1	2.1
28854	29220	1999	2000	0.1	0.2	0.0	1.7	0.0	0.0	0.0	0.0	2.1	2.1
29220	29585	2000	2001	0.1	0.2	0.0	1.7	0.0	0.0	0.0	0.0	2.0	2.1
29585	29950	2001	2002	0.1	0.6	0.0	1.7	0.0	0.0	0.0	0.0	2.5	2.5
29950	30315	2002	2003	0.1	0.7	0.0	1.7	0.0	0.0	0.1	0.0	2.6	2.6
30315	30681	2003	2004	0.1	0.7	0.1	1.7	0.0	0.0	0.0	0.1	2.5	2.5
30681	31046	2004	2005	0.1	0.7	0.1	1.6	0.0	0.0	0.0	0.1	2.5	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	0.7	0.1	1.6	0.0	0.0	0.0	0.1	2.3	2.4
32142	32507	2008	2009	0.1	0.6	0.1	1.5	0.0	0.0	0.0	0.1	2.2	2.2
32507	32872	2009	2010	0.1	0.6	0.1	1.4	0.0	0.0	0.0	0.1	2.1	2.2
32872	33237	2010	2011	0.1	0.6	0.1	1.4	0.0	0.0	0.0	0.1	2.0	2.1
33237	33603	2011	2012	0.1	0.6	0.1	1.3	0.0	0.0	0.0	0.1	2.0	2.1
33603	33968	2012	2013	0.1	0.6	0.1	1.3	0.0	0.0	0.0	0.1	2.0	2.0
33968	34333	2013	2014	0.1	0.6	0.1	1.2	0.0	0.0	0.0	0.1	1.9	2.0
34333	34698	2014	2015	0.1	0.6	0.1	1.2	0.0	0.0	0.0	0.1	1.9	1.9
34698	35064	2015	2016	0.1	0.6	0.1	1.2	0.0	0.0	0.0	0.1	1.9	1.9
35064	35429	2016	2017	0.1	0.6	0.1	1.1	0.0	0.0	0.0	0.1	1.8	1.9
35429	35794	2017	2018	0.1	0.6	0.1	1.1	0.0	0.0	0.0	0.1	1.8	1.8
35794	36159	2018	2019	0.1	0.6	0.1	1.1	0.0	0.0	0.0	0.1	1.7	1.8
36159	36525	2019	2020	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.8
36525	36890	2020	2021	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.8
36890	37255	2021	2022	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.8
37255	37620	2022	2023	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.8
37620	37986	2023	2024	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.7
37986	38351	2024	2025	0.1	0.7	0.1	1.0	0.0	0.0	0.0	0.1	1.8	1.9

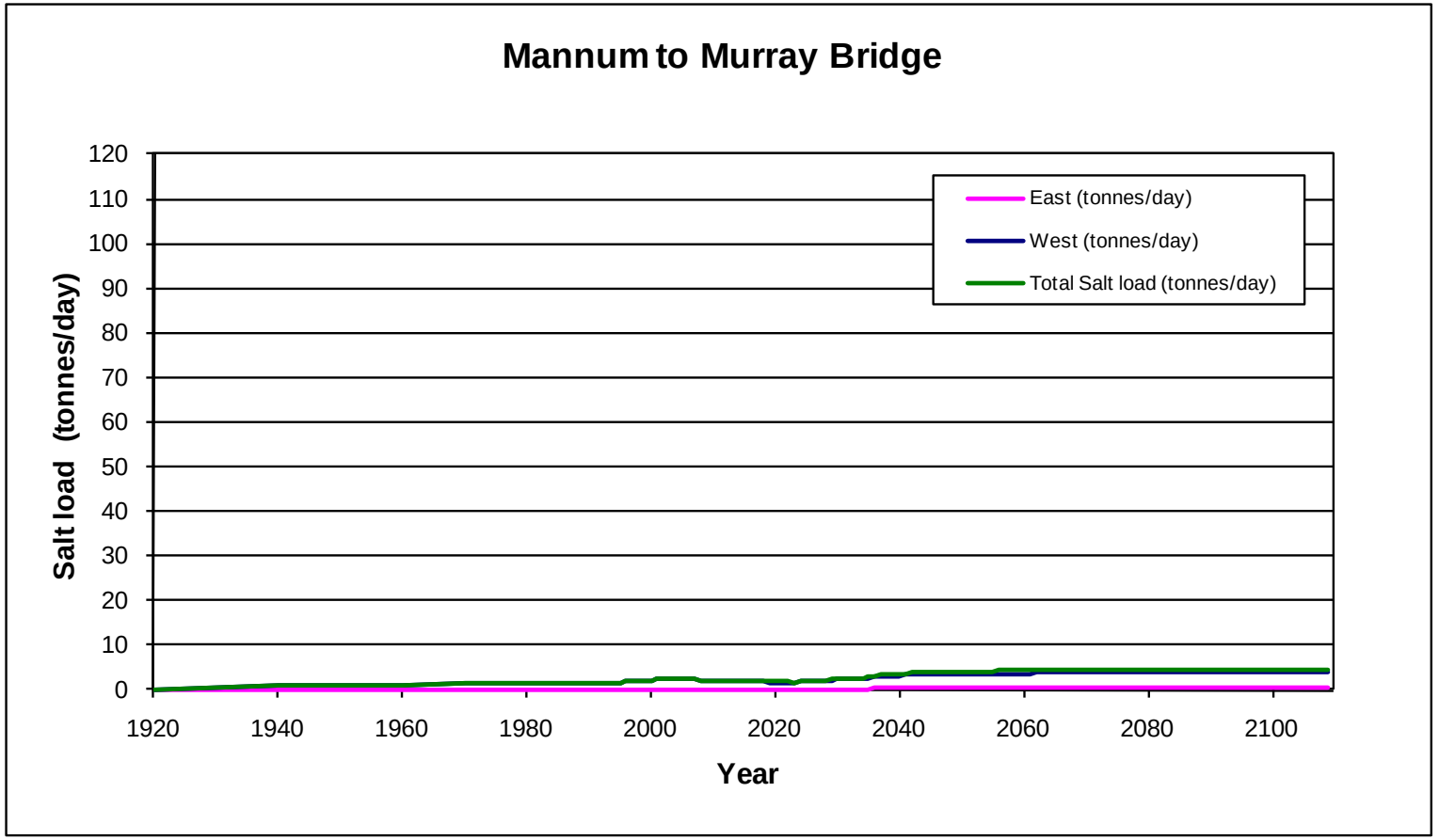
B-5(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 4) (floodplain to river)

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	0.1	0.8	0.1	1.0	0.0	0.0	0.0	0.1	1.9	1.9
38716	39081	2026	2027	0.1	0.8	0.1	1.2	0.0	0.0	0.0	0.1	2.0	2.1
39081	39447	2027	2028	0.1	0.8	0.1	1.2	0.0	0.0	0.0	0.1	2.1	2.2
39447	39812	2028	2029	0.1	0.8	0.1	1.2	0.0	0.0	0.0	0.1	2.2	2.2
39812	40177	2029	2030	0.1	0.8	0.1	1.2	0.0	0.0	0.0	0.1	2.2	2.3
40177	40542	2030	2031	0.1	0.9	0.1	1.3	0.0	0.0	0.0	0.1	2.2	2.3
40542	40908	2031	2032	0.1	0.9	0.1	1.3	0.0	0.0	0.1	0.1	2.3	2.3
40908	41273	2032	2033	0.1	0.9	0.1	1.3	0.0	0.0	0.1	0.1	2.4	2.4
41273	41638	2033	2034	0.1	0.9	0.1	1.3	0.0	0.0	0.1	0.1	2.5	2.5
41638	42003	2034	2035	0.1	1.0	0.1	1.3	0.0	0.0	0.1	0.1	2.5	2.6
42003	42369	2035	2036	0.1	1.1	0.1	1.3	0.0	0.2	0.2	0.2	2.6	2.9
42369	42734	2036	2037	0.1	1.2	0.1	1.3	0.0	0.2	0.2	0.3	2.8	3.1
42734	43099	2037	2038	0.1	1.3	0.1	1.4	0.0	0.3	0.2	0.3	2.9	3.3
43099	43464	2038	2039	0.1	1.3	0.1	1.4	0.0	0.3	0.3	0.4	3.0	3.4
43464	43830	2039	2040	0.1	1.4	0.1	1.4	0.0	0.3	0.3	0.4	3.1	3.5
43830	44195	2040	2041	0.1	1.4	0.1	1.4	0.0	0.4	0.3	0.4	3.2	3.6
44195	44560	2041	2042	0.1	1.5	0.1	1.4	0.0	0.4	0.3	0.5	3.2	3.7
44560	44925	2042	2043	0.1	1.5	0.1	1.4	0.0	0.4	0.3	0.5	3.3	3.8
44925	45291	2043	2044	0.1	1.5	0.1	1.4	0.0	0.4	0.3	0.5	3.3	3.8
45291	45656	2044	2045	0.1	1.6	0.1	1.4	0.0	0.4	0.3	0.5	3.4	3.9
45656	46021	2045	2046	0.1	1.6	0.1	1.4	0.0	0.4	0.3	0.5	3.4	3.9
46021	46386	2046	2047	0.1	1.6	0.1	1.4	0.0	0.4	0.3	0.5	3.4	4.0
46386	46752	2047	2048	0.1	1.6	0.1	1.4	0.0	0.4	0.3	0.5	3.5	4.0
46752	47117	2048	2049	0.1	1.7	0.1	1.4	0.0	0.5	0.3	0.5	3.5	4.0
47117	47482	2049	2050	0.1	1.7	0.1	1.4	0.0	0.5	0.3	0.5	3.5	4.1
47482	47847	2050	2051	0.1	1.7	0.1	1.4	0.0	0.5	0.3	0.5	3.5	4.1
47847	48213	2051	2052	0.1	1.7	0.1	1.4	0.0	0.5	0.3	0.6	3.6	4.1
48213	48578	2052	2053	0.1	1.7	0.1	1.4	0.0	0.5	0.3	0.6	3.6	4.1
48578	48943	2053	2054	0.1	1.7	0.1	1.4	0.0	0.5	0.3	0.6	3.6	4.2
48943	49308	2054	2055	0.1	1.7	0.1	1.4	0.0	0.5	0.3	0.6	3.6	4.2
49308	49674	2055	2056	0.1	1.8	0.1	1.5	0.0	0.5	0.3	0.6	3.6	4.2
49674	50039	2056	2057	0.1	1.8	0.1	1.5	0.0	0.5	0.3	0.6	3.7	4.2
50039	50404	2057	2058	0.1	1.8	0.1	1.5	0.0	0.5	0.3	0.6	3.7	4.3
50404	50769	2058	2059	0.1	1.8	0.1	1.5	0.0	0.5	0.3	0.6	3.7	4.3
50769	51135	2059	2060	0.1	1.8	0.1	1.5	0.0	0.5	0.4	0.6	3.7	4.3
51135	51500	2060	2061	0.1	1.8	0.1	1.5	0.0	0.5	0.4	0.6	3.7	4.3
51500	51865	2061	2062	0.1	1.8	0.1	1.5	0.0	0.5	0.4	0.6	3.7	4.3
51865	52230	2062	2063	0.1	1.8	0.1	1.5	0.0	0.5	0.4	0.6	3.7	4.3
52230	52596	2063	2064	0.1	1.8	0.1	1.5	0.0	0.5	0.4	0.6	3.8	4.4
52596	52961	2064	2065	0.1	1.8	0.1	1.5	0.0	0.5	0.4	0.6	3.8	4.4
52961	53326	2065	2066	0.1	1.8	0.1	1.5	0.0	0.5	0.4	0.6	3.8	4.4
53326	53691	2066	2067	0.1	1.8	0.1	1.5	0.0	0.5	0.4	0.6	3.8	4.4

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	0.1	1.9	0.1	1.5	0.0	0.5	0.4	0.6	3.8	4.4
54057	54422	2068	2069	0.1	1.9	0.1	1.5	0.0	0.5	0.4	0.6	3.8	4.4
54422	54787	2069	2070	0.1	1.9	0.1	1.5	0.0	0.5	0.4	0.6	3.8	4.4
54787	55152	2070	2071	0.1	1.9	0.1	1.5	0.0	0.5	0.4	0.6	3.8	4.4
55152	55518	2071	2072	0.1	1.9	0.1	1.5	0.0	0.5	0.4	0.6	3.8	4.5
55518	55883	2072	2073	0.1	1.9	0.1	1.5	0.0	0.5	0.4	0.6	3.8	4.5
55883	56248	2073	2074	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.6	3.8	4.5
56248	56613	2074	2075	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.6	3.9	4.5
56613	56979	2075	2076	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.6	3.9	4.5
56979	57344	2076	2077	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.6	3.9	4.5
57344	57709	2077	2078	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.6	3.9	4.5
57709	58074	2078	2079	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.6	3.9	4.5
58074	58440	2079	2080	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.6	3.9	4.5
58440	58805	2080	2081	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.6	3.9	4.5
58805	59170	2081	2082	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.6	3.9	4.6
59170	59535	2082	2083	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.7	3.9	4.6
59535	59901	2083	2084	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.7	3.9	4.6
59901	60266	2084	2085	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.7	3.9	4.6
60266	60631	2085	2086	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.7	3.9	4.6
60631	60996	2086	2087	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.7	3.9	4.6
60996	61362	2087	2088	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.7	3.9	4.6
61362	61727	2088	2089	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.7	3.9	4.6
61727	62092	2089	2090	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.6
62092	62457	2090	2091	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.6
62457	62823	2091	2092	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.6
62823	63188	2092	2093	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.6
63188	63553	2093	2094	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.6
63553	63918	2094	2095	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.6
63918	64284	2095	2096	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.6
64284	64649	2096	2097	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
64649	65014	2097	2098	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
65014	65379	2098	2099	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
65379	65745	2099	2100	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
65745	66110	2100	2101	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
66110	66475	2101	2102	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
66475	66840	2102	2103	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
66840	67206	2103	2104	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
67206	67571	2104	2105	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
67571	67936	2105	2106	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
67936	68301	2106	2107	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
68301	68667	2107	2108	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
68667	69032	2108	2109	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
69032	69397	2109	2110	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
	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	239	352	267	599	607	469	1558	1006	2564
3652	7305	1930	1940	19	206	264	1052	512	496	422	1272	1699	2971
7305	14610	1940	1960	20	233	279	2665	527	504	432	1310	3350	4660
14610	18263	1960	1970	36	600	673	2690	917	507	435	2097	3762	5859
18263	21915	1970	1980	45	648	695	2703	935	510	438	2140	3833	5973
21915	24837	1980	1988	47	662	702	2710	942	512	439	2155	3858	6014
24837	25202	1988	1989	47	663	702	2710	942	512	439	2156	3860	6017
25202	25567	1989	1990	47	664	703	2711	943	512	440	2157	3861	6018
25567	25932	1990	1991	47	665	703	2711	943	512	440	2158	3862	6020
25932	26298	1991	1992	47	665	703	2711	943	512	440	2158	3863	6022
26298	26663	1992	1993	47	666	703	2711	944	512	440	2159	3864	6023
26663	27028	1993	1994	47	666	704	2712	944	512	440	2160	3865	6025
27028	27393	1994	1995	48	667	704	2712	944	512	440	2160	3866	6026
27393	27759	1995	1996	48	668	704	2738	945	512	440	2161	3894	6056
27759	28124	1996	1997	48	670	705	2763	945	512	440	2163	3921	6084
28124	28489	1997	1998	48	673	705	2781	946	513	441	2164	3942	6106
28489	28854	1998	1999	49	669	705	2703	931	537	456	2173	3878	6051
28854	29220	1999	2000	51	650	676	2498	900	558	468	2134	3667	5801
29220	29585	2000	2001	51	628	638	2329	875	558	466	2071	3474	5544
29585	29950	2001	2002	51	622	614	2203	890	593	503	2096	3379	5475
29950	30315	2002	2003	52	620	596	2062	886	611	519	2093	3254	5347
30315	30681	2003	2004	53	617	582	1920	877	622	527	2081	3117	5198
30681	31046	2004	2005	54	611	569	1854	868	630	531	2066	3049	5116
31046	31411	2005	2006	55	603	557	1795	856	636	532	2049	2986	5035
31411	31776	2006	2007	56	594	545	1716	845	640	532	2029	2898	4928
31776	32142	2007	2008	56	584	534	1696	832	643	532	2009	2868	4877
32142	32507	2008	2009	57	571	523	1653	815	648	532	1986	2813	4799
32507	32872	2009	2010	56	557	506	1574	803	645	527	1954	2714	4668
32872	33237	2010	2011	56	547	497	1518	797	643	525	1937	2645	4582
33237	33603	2011	2012	56	540	492	1475	792	642	524	1926	2594	4520
33603	33968	2012	2013	55	535	488	1440	790	642	523	1920	2553	4473
33968	34333	2013	2014	55	530	486	1411	787	642	522	1915	2518	4433
34333	34698	2014	2015	55	527	484	1382	785	641	522	1911	2485	4396
34698	35064	2015	2016	54	524	482	1359	784	641	522	1908	2459	4367
35064	35429	2016	2017	54	522	481	1333	783	641	521	1905	2430	4336
35429	35794	2017	2018	54	520	480	1310	782	641	521	1903	2405	4308
35794	36159	2018	2019	54	518	479	1272	781	641	521	1901	2365	4266
36159	36525	2019	2020	54	516	479	1262	780	641	521	1900	2353	4253
36525	36890	2020	2021	53	515	478	1256	779	641	521	1899	2346	4245
36890	37255	2021	2022	53	514	478	1252	779	641	521	1898	2341	4239
37255	37620	2022	2023	53	514	478	1249	779	642	521	1898	2337	4234
37620	37986	2023	2024	53	513	477	1246	778	642	521	1897	2332	4229
37986	38351	2024	2025	53	519	495	1241	780	645	530	1920	2344	4264

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	53	525	502	1238	781	650	536	1932	2351	4283
38716	39081	2026	2027	53	529	507	1242	781	675	543	1963	2366	4329
39081	39447	2027	2028	53	533	510	1241	781	691	547	1982	2374	4355
39447	39812	2028	2029	53	541	514	1246	783	713	551	2010	2391	4400
39812	40177	2029	2030	53	549	516	1255	784	723	554	2022	2410	4432
40177	40542	2030	2031	53	559	525	1268	784	729	572	2039	2451	4490
40542	40908	2031	2032	53	568	530	1275	785	734	579	2049	2475	4524
40908	41273	2032	2033	53	582	534	1286	794	757	585	2085	2505	4590
41273	41638	2033	2034	53	594	536	1294	800	764	589	2099	2530	4629
41638	42003	2034	2035	53	604	538	1299	802	768	592	2108	2549	4657
42003	42369	2035	2036	54	618	576	1324	812	776	600	2164	2595	4759
42369	42734	2036	2037	54	632	593	1335	822	785	608	2200	2628	4829
42734	43099	2037	2038	54	644	602	1342	829	793	614	2224	2654	4878
43099	43464	2038	2039	54	654	607	1347	834	800	618	2242	2674	4916
43464	43830	2039	2040	54	664	611	1351	839	807	622	2257	2691	4947
43830	44195	2040	2041	54	672	613	1355	843	812	625	2268	2705	4974
44195	44560	2041	2042	54	679	615	1357	846	817	627	2278	2718	4996
44560	44925	2042	2043	54	686	616	1360	849	821	630	2287	2729	5016
44925	45291	2043	2044	54	692	618	1362	852	825	632	2295	2739	5034
45291	45656	2044	2045	54	698	619	1363	854	829	633	2302	2748	5050
45656	46021	2045	2046	54	703	620	1365	857	832	635	2308	2757	5065
46021	46386	2046	2047	54	707	621	1366	858	834	637	2314	2764	5078
46386	46752	2047	2048	54	711	622	1368	860	837	638	2319	2771	5090
46752	47117	2048	2049	54	715	623	1369	862	839	639	2324	2778	5101
47117	47482	2049	2050	55	719	623	1370	863	841	641	2328	2784	5112
47482	47847	2050	2051	55	722	624	1371	865	843	642	2332	2789	5121
47847	48213	2051	2052	55	725	625	1372	866	845	643	2336	2795	5131
48213	48578	2052	2053	55	728	626	1373	868	846	644	2340	2799	5139
48578	48943	2053	2054	55	731	626	1374	869	848	645	2343	2804	5147
48943	49308	2054	2055	55	733	627	1375	870	849	645	2346	2808	5155
49308	49674	2055	2056	55	735	628	1383	871	851	646	2349	2820	5169
49674	50039	2056	2057	55	737	628	1392	872	852	647	2352	2831	5183
50039	50404	2057	2058	55	739	629	1396	873	853	648	2355	2838	5194
50404	50769	2058	2059	55	741	629	1399	874	854	649	2358	2844	5202
50769	51135	2059	2060	55	743	630	1401	875	855	649	2360	2848	5209
51135	51500	2060	2061	55	745	630	1403	876	856	650	2363	2852	5215
51500	51865	2061	2062	55	746	631	1404	877	857	650	2365	2856	5221
51865	52230	2062	2063	55	748	631	1405	878	858	651	2367	2859	5226
52230	52596	2063	2064	55	749	632	1406	878	859	652	2369	2862	5231
52596	52961	2064	2065	55	750	632	1407	879	860	652	2371	2865	5236
52961	53326	2065	2066	55	752	633	1408	880	861	653	2373	2867	5240
53326	53691	2066	2067	55	753	633	1408	881	861	653	2375	2870	5245

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	55	754	634	1409	881	862	654	2377	2872	5249
54057	54422	2068	2069	55	755	634	1410	882	863	654	2379	2874	5253
54422	54787	2069	2070	55	756	634	1411	883	864	655	2381	2877	5257
54787	55152	2070	2071	55	757	635	1411	883	864	655	2382	2879	5261
55152	55518	2071	2072	55	758	635	1412	884	865	655	2384	2881	5265
55518	55883	2072	2073	56	759	635	1412	884	865	656	2385	2883	5268
55883	56248	2073	2074	56	760	636	1413	885	866	656	2387	2884	5271
56248	56613	2074	2075	56	761	636	1414	886	867	656	2388	2886	5275
56613	56979	2075	2076	56	761	636	1414	886	867	657	2390	2888	5278
56979	57344	2076	2077	56	762	637	1415	887	868	657	2391	2890	5281
57344	57709	2077	2078	56	763	637	1415	887	868	658	2393	2891	5284
57709	58074	2078	2079	56	764	637	1416	888	869	658	2394	2893	5287
58074	58440	2079	2080	56	764	638	1416	888	869	658	2395	2895	5290
58440	58805	2080	2081	56	765	638	1417	889	870	658	2397	2896	5293
58805	59170	2081	2082	56	766	638	1417	890	870	659	2398	2898	5295
59170	59535	2082	2083	56	766	638	1418	890	871	659	2399	2899	5298
59535	59901	2083	2084	56	767	639	1418	891	871	659	2400	2900	5300
59901	60266	2084	2085	56	768	639	1418	891	871	660	2401	2901	5303
60266	60631	2085	2086	56	768	639	1419	891	872	660	2402	2903	5305
60631	60996	2086	2087	56	769	639	1419	892	872	660	2403	2904	5307
60996	61362	2087	2088	56	769	640	1420	892	872	660	2404	2905	5309
61362	61727	2088	2089	56	770	640	1420	893	873	661	2405	2906	5311
61727	62092	2089	2090	56	770	640	1420	893	873	661	2406	2907	5313
62092	62457	2090	2091	56	770	640	1421	894	873	661	2407	2908	5315
62457	62823	2091	2092	56	771	640	1421	894	874	661	2408	2909	5317
62823	63188	2092	2093	56	771	641	1421	894	874	661	2409	2910	5319
63188	63553	2093	2094	56	772	641	1421	895	874	661	2410	2911	5320
63553	63918	2094	2095	56	772	641	1422	895	875	662	2410	2911	5322
63918	64284	2095	2096	56	772	641	1422	895	875	662	2411	2912	5323
64284	64649	2096	2097	56	772	641	1422	896	875	662	2412	2913	5325
64649	65014	2097	2098	56	773	641	1422	896	875	662	2412	2914	5326
65014	65379	2098	2099	56	773	642	1423	896	875	662	2413	2914	5328
65379	65745	2099	2100	56	773	642	1423	897	876	662	2414	2915	5329
65745	66110	2100	2101	56	774	642	1423	897	876	663	2415	2916	5331
66110	66475	2101	2102	56	774	642	1423	897	876	663	2415	2917	5332
66475	66840	2102	2103	56	774	642	1424	898	876	663	2416	2917	5333
66840	67206	2103	2104	56	775	642	1424	898	877	663	2417	2918	5335
67206	67571	2104	2105	56	775	642	1424	898	877	663	2418	2919	5336
67571	67936	2105	2106	56	775	643	1424	899	877	663	2418	2919	5338
67936	68301	2106	2107	56	775	643	1425	899	877	663	2419	2920	5339
68301	68667	2107	2108	57	776	643	1425	899	878	664	2420	2921	5340
68667	69032	2108	2109	57	776	643	1425	900	878	664	2420	2921	5342
69032	69397	2109	2110	57	776	643	1425	900	878	664	2420	2921	5342

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	10	15	1	0	0	0	0	1	25	27
3652	7305	1930	1940	10	16	1	75	0	0	0	1	101	102
7305	14610	1940	1960	10	17	1	132	0	0	0	1	160	161
14610	18263	1960	1970	13	21	1	144	0	0	0	1	178	180
18263	21915	1970	1980	16	30	1	150	0	0	0	1	196	197
21915	24837	1980	1988	17	36	1	153	0	0	0	1	206	208
24837	25202	1988	1989	17	37	1	153	0	0	0	1	207	209
25202	25567	1989	1990	17	37	1	153	0	0	0	1	208	209
25567	25932	1990	1991	17	37	1	153	0	0	0	1	208	210
25932	26298	1991	1992	18	38	1	153	0	0	0	1	209	210
26298	26663	1992	1993	18	38	1	154	0	0	0	1	209	211
26663	27028	1993	1994	18	38	1	154	0	0	0	1	210	211
27028	27393	1994	1995	18	39	1	154	0	0	0	1	210	211
27393	27759	1995	1996	18	39	1	194	0	0	0	1	251	252
27759	28124	1996	1997	18	40	1	224	0	0	0	1	282	283
28124	28489	1997	1998	18	40	1	244	0	0	0	1	303	304
28489	28854	1998	1999	18	41	1	256	0	0	0	1	315	316
28854	29220	1999	2000	18	41	1	249	0	0	0	1	308	310
29220	29585	2000	2001	18	42	1	243	0	0	0	1	302	304
29585	29950	2001	2002	18	105	3	249	0	0	7	3	378	381
29950	30315	2002	2003	18	115	5	246	0	0	7	5	386	391
30315	30681	2003	2004	17	117	6	237	0	0	6	6	378	383
30681	31046	2004	2005	17	117	6	233	0	0	5	6	372	378
31046	31411	2005	2006	17	115	6	229	0	0	4	6	365	371
31411	31776	2006	2007	17	113	6	225	0	0	3	6	358	363
31776	32142	2007	2008	17	109	6	222	0	0	1	6	349	355
32142	32507	2008	2009	16	102	5	210	0	0	0	5	329	334
32507	32872	2009	2010	16	101	5	202	0	0	0	5	320	325
32872	33237	2010	2011	16	100	5	195	0	0	0	5	312	317
33237	33603	2011	2012	16	100	5	189	0	0	0	5	305	310
33603	33968	2012	2013	16	100	5	183	0	0	0	5	299	304
33968	34333	2013	2014	16	100	5	178	0	0	0	5	294	299
34333	34698	2014	2015	15	100	5	173	0	0	0	5	288	293
34698	35064	2015	2016	15	100	5	168	0	0	0	5	284	289
35064	35429	2016	2017	15	100	5	163	0	0	0	5	279	284
35429	35794	2017	2018	15	101	5	159	0	0	0	5	275	280
35794	36159	2018	2019	15	101	5	153	0	0	0	5	268	274
36159	36525	2019	2020	15	101	5	150	0	0	0	5	266	271
36525	36890	2020	2021	15	101	5	148	0	0	0	5	264	269
36890	37255	2021	2022	15	101	5	146	0	0	0	5	262	267
37255	37620	2022	2023	15	101	5	145	0	0	0	5	261	266
37620	37986	2023	2024	15	101	5	144	0	0	0	5	260	265
37986	38351	2024	2025	15	117	5	147	0	0	0	5	279	284

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	15	125	6	149	0	0	0	6	289	295
38716	39081	2026	2027	15	132	6	168	0	0	0	6	315	321
39081	39447	2027	2028	15	136	6	172	0	0	0	6	323	329
39447	39812	2028	2029	15	139	6	174	0	0	3	6	332	338
39812	40177	2029	2030	15	141	6	176	0	0	5	6	338	344
40177	40542	2030	2031	15	143	6	181	0	0	7	6	346	353
40542	40908	2031	2032	15	145	7	182	0	0	9	7	351	358
40908	41273	2032	2033	15	150	7	186	0	1	13	7	364	371
41273	41638	2033	2034	15	157	7	188	0	2	17	9	377	386
41638	42003	2034	2035	15	163	7	190	0	3	18	10	386	396
42003	42369	2035	2036	15	178	7	191	0	22	23	30	408	437
42369	42734	2036	2037	15	196	7	192	0	32	30	39	433	473
42734	43099	2037	2038	16	211	7	194	0	38	34	46	454	500
43099	43464	2038	2039	16	222	7	195	0	44	37	51	470	521
43464	43830	2039	2040	16	232	7	196	0	48	39	55	483	538
43830	44195	2040	2041	16	240	8	197	0	51	41	59	494	553
44195	44560	2041	2042	16	247	8	198	0	54	42	61	503	565
44560	44925	2042	2043	16	253	8	199	0	56	43	64	511	575
44925	45291	2043	2044	16	258	8	200	0	58	44	66	518	584
45291	45656	2044	2045	16	262	8	201	0	60	45	68	524	592
45656	46021	2045	2046	16	266	8	202	0	62	46	69	530	599
46021	46386	2046	2047	17	270	8	202	0	63	46	71	535	605
46386	46752	2047	2048	17	273	8	203	0	64	47	72	539	611
46752	47117	2048	2049	17	276	8	204	0	65	47	73	544	617
47117	47482	2049	2050	17	279	8	204	0	66	47	74	548	622
47482	47847	2050	2051	17	282	8	205	0	67	48	75	551	626
47847	48213	2051	2052	17	284	8	205	0	68	48	76	555	631
48213	48578	2052	2053	17	286	8	206	0	69	48	77	558	635
48578	48943	2053	2054	18	289	8	206	0	70	49	77	561	638
48943	49308	2054	2055	18	291	8	207	0	70	49	78	564	642
49308	49674	2055	2056	18	292	8	207	0	71	49	79	567	646
49674	50039	2056	2057	18	294	8	208	0	71	49	79	569	649
50039	50404	2057	2058	18	296	8	208	0	72	50	80	572	652
50404	50769	2058	2059	18	298	8	209	0	73	50	81	574	655
50769	51135	2059	2060	18	299	8	209	0	73	50	81	577	658
51135	51500	2060	2061	19	301	8	209	0	74	50	82	579	660
51500	51865	2061	2062	19	302	8	210	0	74	50	82	581	663
51865	52230	2062	2063	19	303	8	210	0	74	51	82	583	665
52230	52596	2063	2064	19	305	8	210	0	75	51	83	585	668
52596	52961	2064	2065	19	306	8	211	0	75	51	83	587	670
52961	53326	2065	2066	19	307	8	211	0	76	51	84	589	672
53326	53691	2066	2067	20	308	8	211	0	76	51	84	590	675

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	20	309	8	212	0	77	51	85	592	677
54057	54422	2068	2069	20	310	8	212	0	77	51	85	594	679
54422	54787	2069	2070	20	311	8	212	0	77	52	85	595	681
54787	55152	2070	2071	20	312	8	213	0	78	52	86	597	683
55152	55518	2071	2072	20	313	8	213	0	78	52	86	598	684
55518	55883	2072	2073	20	314	8	213	0	78	52	87	600	686
55883	56248	2073	2074	21	315	8	213	0	79	52	87	601	688
56248	56613	2074	2075	21	316	8	214	0	79	52	87	602	689
56613	56979	2075	2076	21	317	8	214	0	79	52	88	604	691
56979	57344	2076	2077	21	317	8	214	0	80	52	88	605	693
57344	57709	2077	2078	21	318	8	214	0	80	52	88	606	694
57709	58074	2078	2079	21	319	8	214	0	80	53	88	607	696
58074	58440	2079	2080	22	320	8	215	0	81	53	89	608	697
58440	58805	2080	2081	22	320	8	215	0	81	53	89	610	699
58805	59170	2081	2082	22	321	8	215	0	81	53	89	611	700
59170	59535	2082	2083	22	322	8	215	0	81	53	89	612	701
59535	59901	2083	2084	22	322	8	215	0	82	53	90	613	702
59901	60266	2084	2085	22	323	8	215	0	82	53	90	614	704
60266	60631	2085	2086	22	323	8	216	0	82	53	90	615	705
60631	60996	2086	2087	23	324	8	216	0	82	53	90	615	706
60996	61362	2087	2088	23	324	8	216	0	82	53	91	616	707
61362	61727	2088	2089	23	325	8	216	0	83	53	91	617	708
61727	62092	2089	2090	23	325	8	216	0	83	53	91	618	709
62092	62457	2090	2091	23	326	8	216	0	83	54	91	619	710
62457	62823	2091	2092	23	326	8	216	0	83	54	91	619	711
62823	63188	2092	2093	23	327	8	217	0	83	54	92	620	712
63188	63553	2093	2094	24	327	8	217	0	83	54	92	621	712
63553	63918	2094	2095	24	327	8	217	0	84	54	92	621	713
63918	64284	2095	2096	24	328	8	217	0	84	54	92	622	714
64284	64649	2096	2097	24	328	8	217	0	84	54	92	623	715
64649	65014	2097	2098	24	328	8	217	0	84	54	92	623	715
65014	65379	2098	2099	24	329	8	217	0	84	54	92	624	716
65379	65745	2099	2100	24	329	8	217	0	84	54	93	624	717
65745	66110	2100	2101	24	329	8	217	0	84	54	93	625	718
66110	66475	2101	2102	24	330	8	217	0	85	54	93	626	718
66475	66840	2102	2103	25	330	8	217	0	85	54	93	626	719
66840	67206	2103	2104	25	330	8	218	0	85	54	93	627	720
67206	67571	2104	2105	25	331	8	218	0	85	54	93	627	721
67571	67936	2105	2106	25	331	8	218	0	85	54	93	628	721
67936	68301	2106	2107	25	331	8	218	0	85	54	94	628	722
68301	68667	2107	2108	25	332	8	218	0	85	54	94	629	723
68667	69032	2108	2109	25	332	8	218	0	85	54	94	629	723
69032	69397	2109	2110	25	332	8	218	0	85	54	94	629	723

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	1.4	3.5	1.9	3.0	4.2	3.3	10.8	6.7	17.5
3652	7305	1930	1940	0.1	1.2	2.6	7.4	2.6	3.5	3.0	8.7	11.6	20.3
7305	14610	1940	1960	0.1	1.4	2.8	18.7	2.6	3.5	3.0	9.0	23.2	32.1
14610	18263	1960	1970	0.2	3.6	6.7	18.8	4.6	3.5	3.0	14.9	25.7	40.5
18263	21915	1970	1980	0.2	3.9	7.0	18.9	4.7	3.6	3.1	15.2	26.1	41.3
21915	24837	1980	1988	0.2	4.0	7.0	19.0	4.7	3.6	3.1	15.3	26.3	41.6
24837	25202	1988	1989	0.2	4.0	7.0	19.0	4.7	3.6	3.1	15.3	26.3	41.6
25202	25567	1989	1990	0.2	4.0	7.0	19.0	4.7	3.6	3.1	15.3	26.3	41.6
25567	25932	1990	1991	0.2	4.0	7.0	19.0	4.7	3.6	3.1	15.3	26.3	41.6
25932	26298	1991	1992	0.2	4.0	7.0	19.0	4.7	3.6	3.1	15.3	26.3	41.6
26298	26663	1992	1993	0.2	4.0	7.0	19.0	4.7	3.6	3.1	15.3	26.3	41.6
26663	27028	1993	1994	0.2	4.0	7.0	19.0	4.7	3.6	3.1	15.3	26.3	41.6
27028	27393	1994	1995	0.2	4.0	7.0	19.0	4.7	3.6	3.1	15.3	26.3	41.6
27393	27759	1995	1996	0.2	4.0	7.0	19.2	4.7	3.6	3.1	15.4	26.5	41.8
27759	28124	1996	1997	0.2	4.0	7.0	19.3	4.7	3.6	3.1	15.4	26.7	42.0
28124	28489	1997	1998	0.2	4.0	7.1	19.5	4.7	3.6	3.1	15.4	26.8	42.2
28489	28854	1998	1999	0.2	4.0	7.0	18.9	4.7	3.8	3.2	15.5	26.4	41.8
28854	29220	1999	2000	0.3	3.9	6.8	17.5	4.5	3.9	3.3	15.2	24.9	40.1
29220	29585	2000	2001	0.3	3.8	6.4	16.3	4.4	3.9	3.3	14.7	23.6	38.2
29585	29950	2001	2002	0.3	3.7	6.1	15.4	4.4	4.2	3.5	14.7	22.9	37.7
29950	30315	2002	2003	0.3	3.7	6.0	14.4	4.4	4.3	3.6	14.7	22.1	36.7
30315	30681	2003	2004	0.3	3.7	5.8	13.4	4.4	4.4	3.7	14.6	21.1	35.7
30681	31046	2004	2005	0.3	3.7	5.7	13.0	4.3	4.4	3.7	14.4	20.6	35.1
31046	31411	2005	2006	0.3	3.6	5.6	12.6	4.3	4.4	3.7	14.3	20.2	34.5
31411	31776	2006	2007	0.3	3.6	5.5	12.0	4.2	4.5	3.7	14.2	19.6	33.7
31776	32142	2007	2008	0.3	3.5	5.3	11.9	4.2	4.5	3.7	14.0	19.4	33.4
32142	32507	2008	2009	0.3	3.4	5.2	11.6	4.1	4.5	3.7	13.8	19.0	32.8
32507	32872	2009	2010	0.3	3.3	5.1	11.0	4.0	4.5	3.7	13.6	18.3	31.9
32872	33237	2010	2011	0.3	3.3	5.0	10.6	4.0	4.5	3.7	13.5	17.9	31.3
33237	33603	2011	2012	0.3	3.2	4.9	10.3	4.0	4.5	3.7	13.4	17.5	30.9
33603	33968	2012	2013	0.3	3.2	4.9	10.1	3.9	4.5	3.7	13.3	17.2	30.5
33968	34333	2013	2014	0.3	3.2	4.9	9.9	3.9	4.5	3.7	13.3	17.0	30.3
34333	34698	2014	2015	0.3	3.2	4.8	9.7	3.9	4.5	3.7	13.3	16.8	30.0
34698	35064	2015	2016	0.3	3.1	4.8	9.5	3.9	4.5	3.7	13.2	16.6	29.8
35064	35429	2016	2017	0.3	3.1	4.8	9.3	3.9	4.5	3.6	13.2	16.4	29.6
35429	35794	2017	2018	0.3	3.1	4.8	9.2	3.9	4.5	3.6	13.2	16.2	29.4
35794	36159	2018	2019	0.3	3.1	4.8	8.9	3.9	4.5	3.6	13.2	15.9	29.1
36159	36525	2019	2020	0.3	3.1	4.8	8.8	3.9	4.5	3.6	13.2	15.9	29.0
36525	36890	2020	2021	0.3	3.1	4.8	8.8	3.9	4.5	3.6	13.2	15.8	29.0
36890	37255	2021	2022	0.3	3.1	4.8	8.8	3.9	4.5	3.6	13.2	15.8	28.9
37255	37620	2022	2023	0.3	3.1	4.8	8.7	3.9	4.5	3.6	13.2	15.7	28.9
37620	37986	2023	2024	0.3	3.1	4.8	8.7	3.9	4.5	3.6	13.2	15.7	28.9
37986	38351	2024	2025	0.3	3.1	5.0	8.7	3.9	4.5	3.7	13.4	15.8	29.1

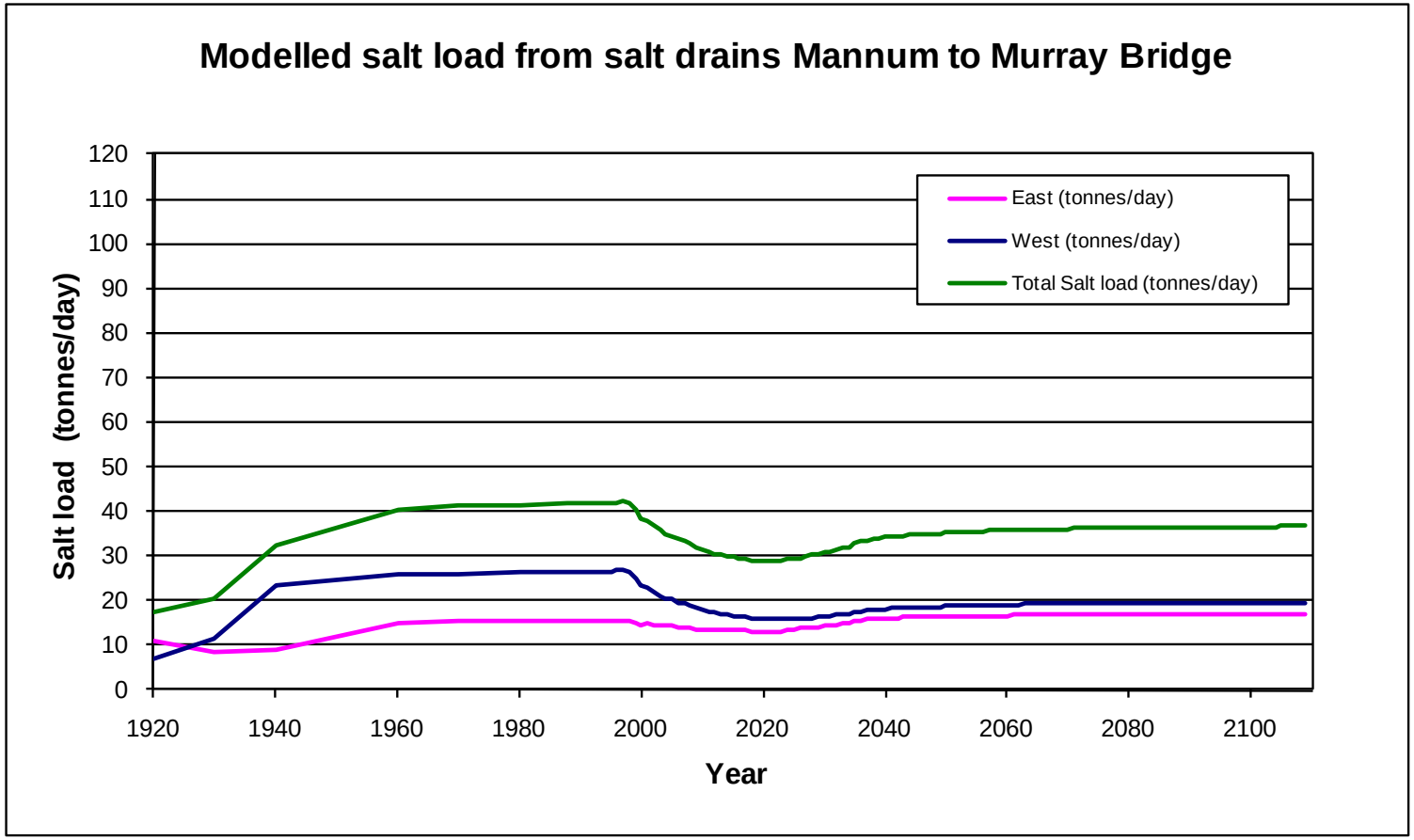
B-5(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 5) (highland to salt drains)

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	0.3	3.1	5.0	8.7	3.9	4.5	3.7	13.5	15.8	29.3
38716	39081	2026	2027	0.3	3.2	5.1	8.7	3.9	4.7	3.8	13.7	15.9	29.6
39081	39447	2027	2028	0.3	3.2	5.1	8.7	3.9	4.8	3.8	13.8	16.0	29.8
39447	39812	2028	2029	0.3	3.2	5.1	8.7	3.9	5.0	3.9	14.0	16.1	30.1
39812	40177	2029	2030	0.3	3.3	5.2	8.8	3.9	5.1	3.9	14.1	16.2	30.4
40177	40542	2030	2031	0.3	3.4	5.3	8.9	3.9	5.1	4.0	14.3	16.5	30.8
40542	40908	2031	2032	0.3	3.4	5.3	8.9	3.9	5.1	4.1	14.4	16.6	31.0
40908	41273	2032	2033	0.3	3.5	5.3	9.0	4.0	5.3	4.1	14.6	16.8	31.5
41273	41638	2033	2034	0.3	3.6	5.4	9.1	4.0	5.3	4.1	14.7	17.0	31.7
41638	42003	2034	2035	0.3	3.6	5.4	9.1	4.0	5.4	4.1	14.8	17.1	31.9
42003	42369	2035	2036	0.3	3.7	5.8	9.3	4.1	5.4	4.2	15.2	17.4	32.7
42369	42734	2036	2037	0.3	3.8	5.9	9.3	4.1	5.5	4.3	15.5	17.7	33.2
42734	43099	2037	2038	0.3	3.9	6.0	9.4	4.1	5.6	4.3	15.7	17.8	33.5
43099	43464	2038	2039	0.3	3.9	6.1	9.4	4.2	5.6	4.3	15.8	18.0	33.8
43464	43830	2039	2040	0.3	4.0	6.1	9.5	4.2	5.6	4.4	15.9	18.1	34.0
43830	44195	2040	2041	0.3	4.0	6.1	9.5	4.2	5.7	4.4	16.0	18.2	34.2
44195	44560	2041	2042	0.3	4.1	6.1	9.5	4.2	5.7	4.4	16.1	18.2	34.3
44560	44925	2042	2043	0.3	4.1	6.2	9.5	4.2	5.8	4.4	16.2	18.3	34.5
44925	45291	2043	2044	0.3	4.2	6.2	9.5	4.3	5.8	4.4	16.2	18.4	34.6
45291	45656	2044	2045	0.3	4.2	6.2	9.5	4.3	5.8	4.4	16.3	18.4	34.7
45656	46021	2045	2046	0.3	4.2	6.2	9.6	4.3	5.8	4.4	16.3	18.5	34.8
46021	46386	2046	2047	0.3	4.2	6.2	9.6	4.3	5.8	4.5	16.3	18.5	34.9
46386	46752	2047	2048	0.3	4.3	6.2	9.6	4.3	5.9	4.5	16.4	18.6	35.0
46752	47117	2048	2049	0.3	4.3	6.2	9.6	4.3	5.9	4.5	16.4	18.6	35.0
47117	47482	2049	2050	0.3	4.3	6.2	9.6	4.3	5.9	4.5	16.4	18.7	35.1
47482	47847	2050	2051	0.3	4.3	6.2	9.6	4.3	5.9	4.5	16.5	18.7	35.2
47847	48213	2051	2052	0.3	4.4	6.3	9.6	4.3	5.9	4.5	16.5	18.7	35.2
48213	48578	2052	2053	0.3	4.4	6.3	9.6	4.3	5.9	4.5	16.5	18.8	35.3
48578	48943	2053	2054	0.3	4.4	6.3	9.6	4.3	5.9	4.5	16.5	18.8	35.3
48943	49308	2054	2055	0.3	4.4	6.3	9.6	4.3	5.9	4.5	16.6	18.8	35.4
49308	49674	2055	2056	0.3	4.4	6.3	9.7	4.4	6.0	4.5	16.6	18.9	35.5
49674	50039	2056	2057	0.3	4.4	6.3	9.7	4.4	6.0	4.5	16.6	19.0	35.6
50039	50404	2057	2058	0.3	4.4	6.3	9.8	4.4	6.0	4.5	16.6	19.0	35.6
50404	50769	2058	2059	0.3	4.4	6.3	9.8	4.4	6.0	4.5	16.6	19.1	35.7
50769	51135	2059	2060	0.3	4.5	6.3	9.8	4.4	6.0	4.5	16.7	19.1	35.7
51135	51500	2060	2061	0.3	4.5	6.3	9.8	4.4	6.0	4.5	16.7	19.1	35.8
51500	51865	2061	2062	0.3	4.5	6.3	9.8	4.4	6.0	4.6	16.7	19.1	35.8
51865	52230	2062	2063	0.3	4.5	6.3	9.8	4.4	6.0	4.6	16.7	19.2	35.9
52230	52596	2063	2064	0.3	4.5	6.3	9.8	4.4	6.0	4.6	16.7	19.2	35.9
52596	52961	2064	2065	0.3	4.5	6.3	9.8	4.4	6.0	4.6	16.7	19.2	35.9
52961	53326	2065	2066	0.3	4.5	6.3	9.9	4.4	6.0	4.6	16.8	19.2	36.0
53326	53691	2066	2067	0.3	4.5	6.3	9.9	4.4	6.0	4.6	16.8	19.2	36.0

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	0.3	4.5	6.3	9.9	4.4	6.0	4.6	16.8	19.2	36.0
54057	54422	2068	2069	0.3	4.5	6.3	9.9	4.4	6.0	4.6	16.8	19.3	36.0
54422	54787	2069	2070	0.3	4.5	6.3	9.9	4.4	6.0	4.6	16.8	19.3	36.1
54787	55152	2070	2071	0.3	4.5	6.3	9.9	4.4	6.0	4.6	16.8	19.3	36.1
55152	55518	2071	2072	0.3	4.5	6.4	9.9	4.4	6.1	4.6	16.8	19.3	36.1
55518	55883	2072	2073	0.3	4.6	6.4	9.9	4.4	6.1	4.6	16.8	19.3	36.1
55883	56248	2073	2074	0.3	4.6	6.4	9.9	4.4	6.1	4.6	16.8	19.3	36.2
56248	56613	2074	2075	0.3	4.6	6.4	9.9	4.4	6.1	4.6	16.9	19.3	36.2
56613	56979	2075	2076	0.3	4.6	6.4	9.9	4.4	6.1	4.6	16.9	19.3	36.2
56979	57344	2076	2077	0.3	4.6	6.4	9.9	4.4	6.1	4.6	16.9	19.4	36.2
57344	57709	2077	2078	0.3	4.6	6.4	9.9	4.4	6.1	4.6	16.9	19.4	36.3
57709	58074	2078	2079	0.3	4.6	6.4	9.9	4.4	6.1	4.6	16.9	19.4	36.3
58074	58440	2079	2080	0.3	4.6	6.4	9.9	4.4	6.1	4.6	16.9	19.4	36.3
58440	58805	2080	2081	0.3	4.6	6.4	9.9	4.4	6.1	4.6	16.9	19.4	36.3
58805	59170	2081	2082	0.3	4.6	6.4	9.9	4.4	6.1	4.6	16.9	19.4	36.3
59170	59535	2082	2083	0.3	4.6	6.4	9.9	4.5	6.1	4.6	16.9	19.4	36.3
59535	59901	2083	2084	0.3	4.6	6.4	9.9	4.5	6.1	4.6	16.9	19.4	36.4
59901	60266	2084	2085	0.3	4.6	6.4	9.9	4.5	6.1	4.6	16.9	19.4	36.4
60266	60631	2085	2086	0.3	4.6	6.4	9.9	4.5	6.1	4.6	17.0	19.4	36.4
60631	60996	2086	2087	0.3	4.6	6.4	9.9	4.5	6.1	4.6	17.0	19.4	36.4
60996	61362	2087	2088	0.3	4.6	6.4	9.9	4.5	6.1	4.6	17.0	19.5	36.4
61362	61727	2088	2089	0.3	4.6	6.4	9.9	4.5	6.1	4.6	17.0	19.5	36.4
61727	62092	2089	2090	0.3	4.6	6.4	9.9	4.5	6.1	4.6	17.0	19.5	36.4
62092	62457	2090	2091	0.3	4.6	6.4	9.9	4.5	6.1	4.6	17.0	19.5	36.5
62457	62823	2091	2092	0.3	4.6	6.4	9.9	4.5	6.1	4.6	17.0	19.5	36.5
62823	63188	2092	2093	0.3	4.6	6.4	9.9	4.5	6.1	4.6	17.0	19.5	36.5
63188	63553	2093	2094	0.3	4.6	6.4	9.9	4.5	6.1	4.6	17.0	19.5	36.5
63553	63918	2094	2095	0.3	4.6	6.4	10.0	4.5	6.1	4.6	17.0	19.5	36.5
63918	64284	2095	2096	0.3	4.6	6.4	10.0	4.5	6.1	4.6	17.0	19.5	36.5
64284	64649	2096	2097	0.3	4.6	6.4	10.0	4.5	6.1	4.6	17.0	19.5	36.5
64649	65014	2097	2098	0.3	4.6	6.4	10.0	4.5	6.1	4.6	17.0	19.5	36.5
65014	65379	2098	2099	0.3	4.6	6.4	10.0	4.5	6.1	4.6	17.0	19.5	36.5
65379	65745	2099	2100	0.3	4.6	6.4	10.0	4.5	6.1	4.6	17.0	19.5	36.5
65745	66110	2100	2101	0.3	4.6	6.4	10.0	4.5	6.1	4.6	17.0	19.5	36.6
66110	66475	2101	2102	0.3	4.6	6.4	10.0	4.5	6.1	4.6	17.0	19.5	36.6
66475	66840	2102	2103	0.3	4.6	6.4	10.0	4.5	6.1	4.6	17.0	19.5	36.6
66840	67206	2103	2104	0.3	4.6	6.4	10.0	4.5	6.1	4.6	17.0	19.5	36.6
67206	67571	2104	2105	0.3	4.6	6.4	10.0	4.5	6.1	4.6	17.1	19.5	36.6
67571	67936	2105	2106	0.3	4.7	6.4	10.0	4.5	6.1	4.6	17.1	19.5	36.6
67936	68301	2106	2107	0.3	4.7	6.4	10.0	4.5	6.1	4.6	17.1	19.6	36.6
68301	68667	2107	2108	0.3	4.7	6.4	10.0	4.5	6.1	4.6	17.1	19.6	36.6
68667	69032	2108	2109	0.3	4.7	6.4	10.0	4.5	6.1	4.6	17.1	19.6	36.6
69032	69397	2109	2110	0.3	4.7	6.4	10.0	4.5	6.1	4.6	17.1	19.6	36.6
	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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
3652	7305	1930	1940	0.1	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.7	0.7
7305	14610	1940	1960	0.1	0.1	0.0	0.9	0.0	0.0	0.0	0.0	1.1	1.1
14610	18263	1960	1970	0.1	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	1.0	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	0.2	0.0	1.8	0.0	0.0	0.0	0.0	2.1	2.1
28854	29220	1999	2000	0.1	0.2	0.0	1.7	0.0	0.0	0.0	0.0	2.1	2.1
29220	29585	2000	2001	0.1	0.2	0.0	1.7	0.0	0.0	0.0	0.0	2.0	2.1
29585	29950	2001	2002	0.1	0.6	0.0	1.7	0.0	0.0	0.0	0.0	2.5	2.5
29950	30315	2002	2003	0.1	0.7	0.0	1.7	0.0	0.0	0.1	0.0	2.6	2.6
30315	30681	2003	2004	0.1	0.7	0.1	1.7	0.0	0.0	0.0	0.1	2.5	2.5
30681	31046	2004	2005	0.1	0.7	0.1	1.6	0.0	0.0	0.0	0.1	2.5	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	0.7	0.1	1.6	0.0	0.0	0.0	0.1	2.3	2.4
32142	32507	2008	2009	0.1	0.6	0.1	1.5	0.0	0.0	0.0	0.1	2.2	2.2
32507	32872	2009	2010	0.1	0.6	0.1	1.4	0.0	0.0	0.0	0.1	2.1	2.2
32872	33237	2010	2011	0.1	0.6	0.1	1.4	0.0	0.0	0.0	0.1	2.0	2.1
33237	33603	2011	2012	0.1	0.6	0.1	1.3	0.0	0.0	0.0	0.1	2.0	2.1
33603	33968	2012	2013	0.1	0.6	0.1	1.3	0.0	0.0	0.0	0.1	2.0	2.0
33968	34333	2013	2014	0.1	0.6	0.1	1.2	0.0	0.0	0.0	0.1	1.9	2.0
34333	34698	2014	2015	0.1	0.6	0.1	1.2	0.0	0.0	0.0	0.1	1.9	1.9
34698	35064	2015	2016	0.1	0.6	0.1	1.2	0.0	0.0	0.0	0.1	1.9	1.9
35064	35429	2016	2017	0.1	0.6	0.1	1.1	0.0	0.0	0.0	0.1	1.8	1.9
35429	35794	2017	2018	0.1	0.6	0.1	1.1	0.0	0.0	0.0	0.1	1.8	1.8
35794	36159	2018	2019	0.1	0.6	0.1	1.1	0.0	0.0	0.0	0.1	1.7	1.8
36159	36525	2019	2020	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.8
36525	36890	2020	2021	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.8
36890	37255	2021	2022	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.8
37255	37620	2022	2023	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.8
37620	37986	2023	2024	0.1	0.6	0.1	1.0	0.0	0.0	0.0	0.1	1.7	1.7
37986	38351	2024	2025	0.1	0.7	0.1	1.0	0.0	0.0	0.0	0.1	1.8	1.9

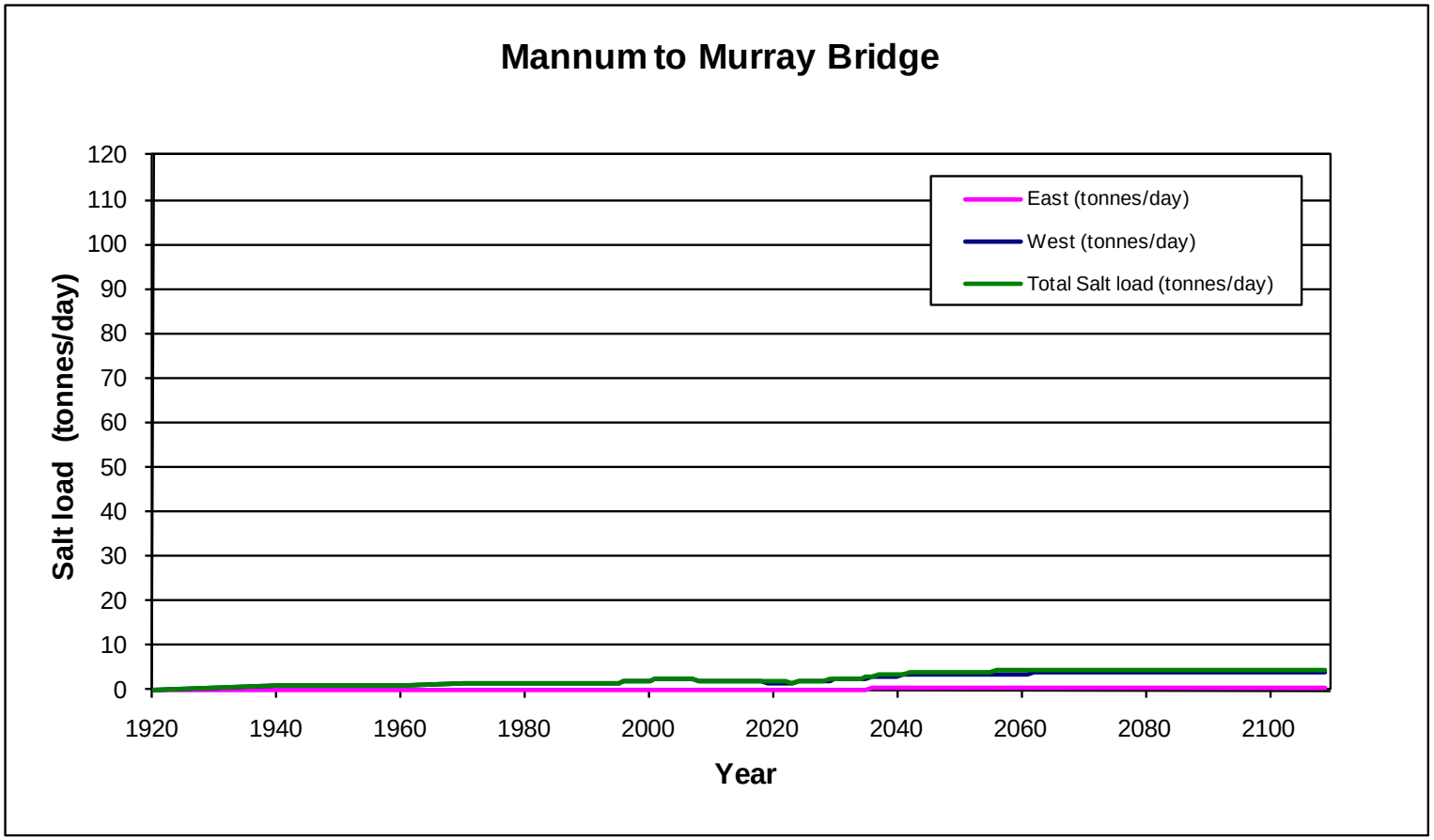
B-5(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Mannum to Murray Bridge area (Scenario 5) (floodplain to river)

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	0.1	0.8	0.1	1.0	0.0	0.0	0.0	0.1	1.9	1.9
38716	39081	2026	2027	0.1	0.8	0.1	1.2	0.0	0.0	0.0	0.1	2.0	2.1
39081	39447	2027	2028	0.1	0.8	0.1	1.2	0.0	0.0	0.0	0.1	2.1	2.2
39447	39812	2028	2029	0.1	0.8	0.1	1.2	0.0	0.0	0.0	0.1	2.2	2.2
39812	40177	2029	2030	0.1	0.8	0.1	1.2	0.0	0.0	0.0	0.1	2.2	2.3
40177	40542	2030	2031	0.1	0.9	0.1	1.3	0.0	0.0	0.0	0.1	2.2	2.3
40542	40908	2031	2032	0.1	0.9	0.1	1.3	0.0	0.0	0.1	0.1	2.3	2.3
40908	41273	2032	2033	0.1	0.9	0.1	1.3	0.0	0.0	0.1	0.1	2.4	2.4
41273	41638	2033	2034	0.1	0.9	0.1	1.3	0.0	0.0	0.1	0.1	2.5	2.5
41638	42003	2034	2035	0.1	1.0	0.1	1.3	0.0	0.0	0.1	0.1	2.5	2.6
42003	42369	2035	2036	0.1	1.1	0.1	1.3	0.0	0.2	0.2	0.2	2.6	2.9
42369	42734	2036	2037	0.1	1.2	0.1	1.3	0.0	0.2	0.2	0.3	2.8	3.1
42734	43099	2037	2038	0.1	1.3	0.1	1.4	0.0	0.3	0.2	0.3	2.9	3.3
43099	43464	2038	2039	0.1	1.3	0.1	1.4	0.0	0.3	0.3	0.4	3.0	3.4
43464	43830	2039	2040	0.1	1.4	0.1	1.4	0.0	0.3	0.3	0.4	3.1	3.5
43830	44195	2040	2041	0.1	1.4	0.1	1.4	0.0	0.4	0.3	0.4	3.2	3.6
44195	44560	2041	2042	0.1	1.5	0.1	1.4	0.0	0.4	0.3	0.5	3.2	3.7
44560	44925	2042	2043	0.1	1.5	0.1	1.4	0.0	0.4	0.3	0.5	3.3	3.8
44925	45291	2043	2044	0.1	1.5	0.1	1.4	0.0	0.4	0.3	0.5	3.3	3.8
45291	45656	2044	2045	0.1	1.6	0.1	1.4	0.0	0.4	0.3	0.5	3.4	3.9
45656	46021	2045	2046	0.1	1.6	0.1	1.4	0.0	0.4	0.3	0.5	3.4	3.9
46021	46386	2046	2047	0.1	1.6	0.1	1.4	0.0	0.4	0.3	0.5	3.4	4.0
46386	46752	2047	2048	0.1	1.6	0.1	1.4	0.0	0.4	0.3	0.5	3.5	4.0
46752	47117	2048	2049	0.1	1.7	0.1	1.4	0.0	0.5	0.3	0.5	3.5	4.0
47117	47482	2049	2050	0.1	1.7	0.1	1.4	0.0	0.5	0.3	0.5	3.5	4.1
47482	47847	2050	2051	0.1	1.7	0.1	1.4	0.0	0.5	0.3	0.5	3.5	4.1
47847	48213	2051	2052	0.1	1.7	0.1	1.4	0.0	0.5	0.3	0.6	3.6	4.1
48213	48578	2052	2053	0.1	1.7	0.1	1.4	0.0	0.5	0.3	0.6	3.6	4.1
48578	48943	2053	2054	0.1	1.7	0.1	1.4	0.0	0.5	0.3	0.6	3.6	4.2
48943	49308	2054	2055	0.1	1.7	0.1	1.4	0.0	0.5	0.3	0.6	3.6	4.2
49308	49674	2055	2056	0.1	1.8	0.1	1.5	0.0	0.5	0.3	0.6	3.6	4.2
49674	50039	2056	2057	0.1	1.8	0.1	1.5	0.0	0.5	0.3	0.6	3.7	4.2
50039	50404	2057	2058	0.1	1.8	0.1	1.5	0.0	0.5	0.3	0.6	3.7	4.3
50404	50769	2058	2059	0.1	1.8	0.1	1.5	0.0	0.5	0.3	0.6	3.7	4.3
50769	51135	2059	2060	0.1	1.8	0.1	1.5	0.0	0.5	0.4	0.6	3.7	4.3
51135	51500	2060	2061	0.1	1.8	0.1	1.5	0.0	0.5	0.4	0.6	3.7	4.3
51500	51865	2061	2062	0.1	1.8	0.1	1.5	0.0	0.5	0.4	0.6	3.7	4.3
51865	52230	2062	2063	0.1	1.8	0.1	1.5	0.0	0.5	0.4	0.6	3.7	4.3
52230	52596	2063	2064	0.1	1.8	0.1	1.5	0.0	0.5	0.4	0.6	3.8	4.4
52596	52961	2064	2065	0.1	1.8	0.1	1.5	0.0	0.5	0.4	0.6	3.8	4.4
52961	53326	2065	2066	0.1	1.8	0.1	1.5	0.0	0.5	0.4	0.6	3.8	4.4
53326	53691	2066	2067	0.1	1.8	0.1	1.5	0.0	0.5	0.4	0.6	3.8	4.4

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	0.1	1.9	0.1	1.5	0.0	0.5	0.4	0.6	3.8	4.4
54057	54422	2068	2069	0.1	1.9	0.1	1.5	0.0	0.5	0.4	0.6	3.8	4.4
54422	54787	2069	2070	0.1	1.9	0.1	1.5	0.0	0.5	0.4	0.6	3.8	4.4
54787	55152	2070	2071	0.1	1.9	0.1	1.5	0.0	0.5	0.4	0.6	3.8	4.4
55152	55518	2071	2072	0.1	1.9	0.1	1.5	0.0	0.5	0.4	0.6	3.8	4.5
55518	55883	2072	2073	0.1	1.9	0.1	1.5	0.0	0.5	0.4	0.6	3.8	4.5
55883	56248	2073	2074	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.6	3.8	4.5
56248	56613	2074	2075	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.6	3.9	4.5
56613	56979	2075	2076	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.6	3.9	4.5
56979	57344	2076	2077	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.6	3.9	4.5
57344	57709	2077	2078	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.6	3.9	4.5
57709	58074	2078	2079	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.6	3.9	4.5
58074	58440	2079	2080	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.6	3.9	4.5
58440	58805	2080	2081	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.6	3.9	4.6
58805	59170	2081	2082	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.6	3.9	4.6
59170	59535	2082	2083	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.7	3.9	4.6
59535	59901	2083	2084	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.7	3.9	4.6
59901	60266	2084	2085	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.7	3.9	4.6
60266	60631	2085	2086	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.7	3.9	4.6
60631	60996	2086	2087	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.7	3.9	4.6
60996	61362	2087	2088	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.7	3.9	4.6
61362	61727	2088	2089	0.1	1.9	0.1	1.5	0.0	0.6	0.4	0.7	3.9	4.6
61727	62092	2089	2090	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.6
62092	62457	2090	2091	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.6
62457	62823	2091	2092	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.6
62823	63188	2092	2093	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.6
63188	63553	2093	2094	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.6
63553	63918	2094	2095	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.6
63918	64284	2095	2096	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.6
64284	64649	2096	2097	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
64649	65014	2097	2098	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
65014	65379	2098	2099	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
65379	65745	2099	2100	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
65745	66110	2100	2101	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
66110	66475	2101	2102	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
66475	66840	2102	2103	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
66840	67206	2103	2104	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
67206	67571	2104	2105	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
67571	67936	2105	2106	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
67936	68301	2106	2107	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
68301	68667	2107	2108	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
68667	69032	2108	2109	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
69032	69397	2109	2110	0.1	2.0	0.1	1.5	0.0	0.6	0.4	0.7	4.0	4.7
	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) (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)

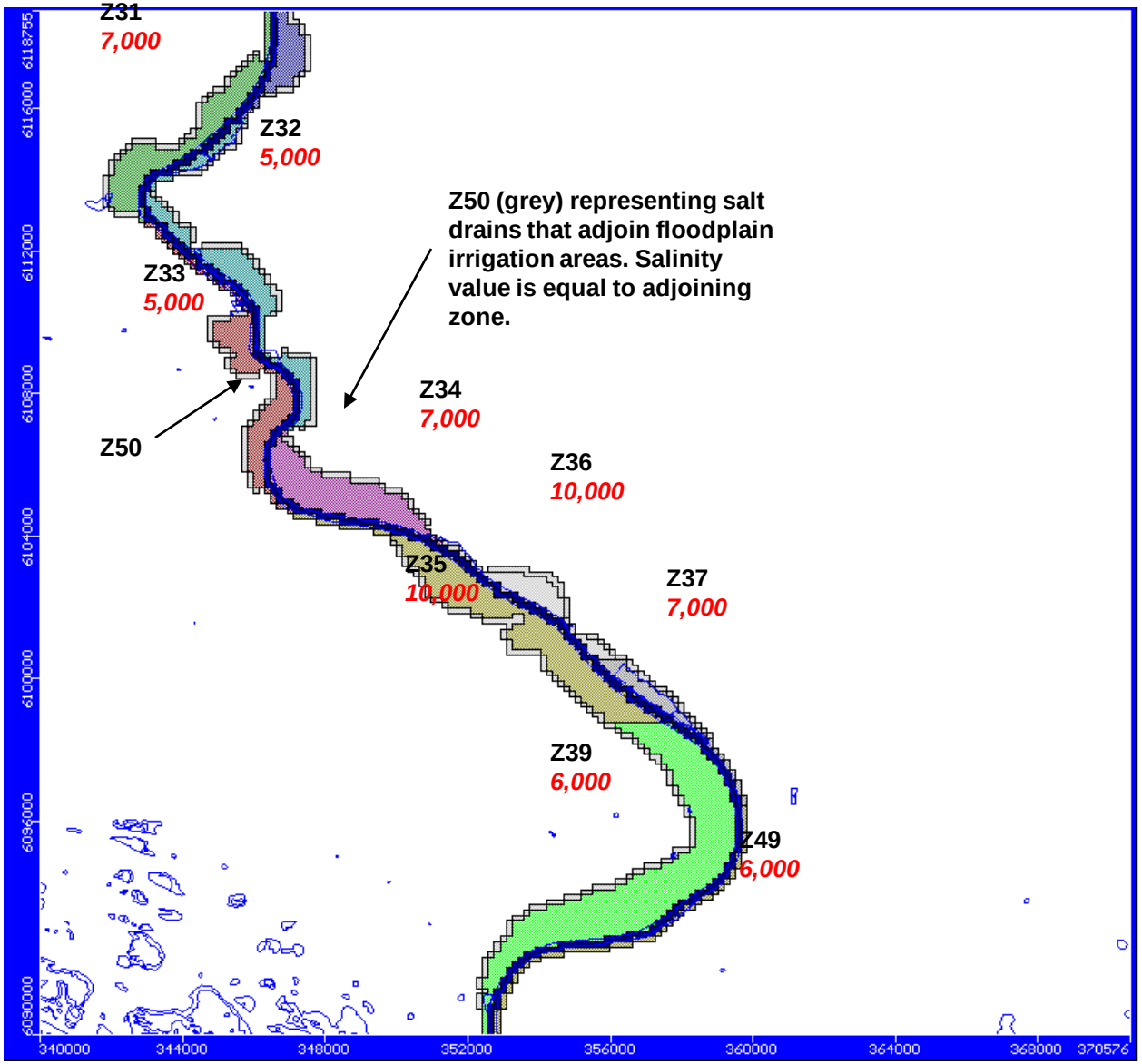
(Transient from 1920 to 2009)

(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 calibration model 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 calibration model 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 calibration model 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 calibration model 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	*3652*	1920	1930	679	455	347	181	373	343	98	*1742*	*734*	2476
3652	*7305*	1930	1940	679	455	347	180	373	343	98	*1741*	*734*	2476
7305	*14610*	1940	1960	714	459	377	191	391	355	104	*1836*	*753*	2590
14610	*18263*	1960	1970	735	461	395	197	402	368	110	*1900*	*768*	2668
18263	*21915*	1970	1980	757	465	411	204	419	393	122	*1979*	*791*	2770
21915	*24837*	1980	1988	780	471	427	218	433	415	139	*2054*	*827*	2882
24837	*25202*	1988	1989	780	471	428	219	433	416	140	*2057*	*829*	2886
25202	*25567*	1989	1990	781	471	428	219	434	416	141	*2059*	*831*	2890
25567	*25932*	1990	1991	793	474	436	227	436	421	146	*2086*	*848*	2933
25932	*26298*	1991	1992	797	476	440	232	438	424	149	*2099*	*858*	2956
26298	*26663*	1992	1993	800	478	442	235	439	426	152	*2107*	*865*	2972
26663	*27028*	1993	1994	802	479	444	237	440	428	155	*2114*	*871*	2985
27028	*27393*	1994	1995	803	480	445	239	441	429	157	*2119*	*877*	2995
27393	*27759*	1995	1996	804	481	446	241	442	430	159	*2123*	*881*	3004
27759	*28124*	1996	1997	805	481	447	243	443	431	161	*2126*	*885*	3011
28124	*28489*	1997	1998	806	482	447	244	444	432	163	*2129*	*889*	3018
28489	*28854*	1998	1999	807	482	448	246	444	432	164	*2132*	*893*	3024
28854	*29220*	1999	2000	807	483	449	247	445	433	166	*2134*	*896*	3030
29220	*29585*	2000	2001	820	487	456	255	447	437	171	*2160*	*913*	3073
29585	*29950*	2001	2002	826	490	460	260	449	440	175	*2174*	*924*	3099
29950	*30315*	2002	2003	830	492	462	264	450	442	178	*2184*	*933*	3118
30315	*30681*	2003	2004	832	493	464	267	452	443	181	*2192*	*941*	3133
30681	*31046*	2004	2005	834	494	466	270	453	445	184	*2198*	*948*	3145
31046	*31411*	2005	2006	836	495	467	272	454	446	186	*2203*	*954*	3156
31411	*31776*	2006	2007	837	496	468	275	455	446	188	*2207*	*959*	3166
31776	*32142*	2007	2008	838	497	469	277	456	447	190	*2210*	*964*	3175
32142	*32507*	2008	2009	839	498	470	279	457	448	192	*2214*	*969*	3183
32507	*32872*	2009	2010	840	499	471	281	458	449	194	*2217*	*974*	3190
32872	*33237*	2010	2011	853	504	477	287	460	453	198	*2243*	*989*	3232
33237	*33603*	2011	2012	860	507	480	292	463	456	201	*2259*	*1000*	3259
33603	*33968*	2012	2013	864	509	483	296	466	458	204	*2270*	*1010*	3280
33968	*34333*	2013	2014	867	511	485	300	468	460	207	*2279*	*1018*	3297
34333	*34698*	2014	2015	869	512	486	304	470	461	210	*2286*	*1026*	3312
34698	*35064*	2015	2016	871	513	488	307	471	462	212	*2292*	*1033*	3325
35064	*35429*	2016	2017	872	515	489	310	473	463	214	*2298*	*1039*	3337
35429	*35794*	2017	2018	874	516	490	313	474	464	217	*2302*	*1046*	3348
35794	*36159*	2018	2019	875	517	491	316	475	465	219	*2306*	*1051*	3358
36159	*36525*	2019	2020	876	518	492	319	476	466	221	*2310*	*1057*	3367
36525	*36890*	2020	2021	889	523	496	324	480	471	224	*2335*	*1070*	3406
36890	*37255*	2021	2022	895	526	500	329	483	473	227	*2351*	*1082*	3433
37255	*37620*	2022	2023	899	528	502	333	486	476	230	*2363*	*1092*	3455
37620	*37986*	2023	2024	902	530	504	338	489	478	233	*2373*	*1101*	3474
37986	*38351*	2024	2025	905	532	506	342	491	479	236	*2381*	*1110*	3491

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	907	534	507	346	493	481	239	2388	1118	3506
38716	39081	2026	2027	908	536	508	350	495	482	241	2394	1126	3520
39081	39447	2027	2028	910	537	510	353	497	484	244	2400	1134	3534
39447	39812	2028	2029	911	538	511	357	498	485	246	2405	1142	3546
39812	40177	2029	2030	912	540	512	360	500	486	249	2409	1149	3558
40177	40542	2030	2031	923	544	515	365	503	489	252	2430	1161	3592
40542	40908	2031	2032	929	547	518	370	506	492	256	2445	1173	3618
40908	41273	2032	2033	933	550	520	376	510	494	259	2457	1185	3642
41273	41638	2033	2034	936	552	522	381	512	496	263	2467	1196	3663
41638	42003	2034	2035	938	554	524	386	515	498	267	2475	1207	3682
42003	42369	2035	2036	940	556	526	391	517	500	270	2483	1217	3700
42369	42734	2036	2037	942	558	527	395	519	502	274	2490	1227	3717
42734	43099	2037	2038	944	560	528	400	521	503	277	2496	1237	3733
43099	43464	2038	2039	945	561	530	404	523	505	280	2502	1246	3748
43464	43830	2039	2040	946	563	531	409	524	506	284	2508	1255	3763
43830	44195	2040	2041	955	566	534	414	528	509	288	2525	1268	3793
44195	44560	2041	2042	960	570	536	419	531	511	292	2538	1281	3819
44560	44925	2042	2043	964	572	539	425	534	514	297	2550	1294	3844
44925	45291	2043	2044	967	575	541	430	536	516	301	2560	1306	3866
45291	45656	2044	2045	970	577	543	435	539	518	305	2570	1318	3887
45656	46021	2045	2046	972	579	545	441	541	520	309	2578	1329	3907
46021	46386	2046	2047	974	581	546	446	544	522	314	2586	1340	3926
46386	46752	2047	2048	976	583	548	450	546	524	318	2593	1351	3945
46752	47117	2048	2049	978	585	549	455	548	526	322	2600	1362	3962
47117	47482	2049	2050	979	586	551	460	549	527	326	2607	1372	3979
47482	47847	2050	2051	986	589	553	465	552	530	331	2622	1385	4007
47847	48213	2051	2052	991	592	556	470	555	532	336	2635	1398	4033
48213	48578	2052	2053	995	595	559	476	558	534	340	2647	1411	4058
48578	48943	2053	2054	999	597	561	481	561	537	345	2658	1423	4081
48943	49308	2054	2055	1002	599	564	486	563	539	350	2668	1435	4104
49308	49674	2055	2056	1005	601	566	491	566	542	354	2678	1447	4125
49674	50039	2056	2057	1007	603	568	496	568	544	359	2687	1458	4146
50039	50404	2057	2058	1010	605	570	501	570	546	364	2696	1470	4165
50404	50769	2058	2059	1012	607	571	506	573	548	368	2704	1481	4184
50769	51135	2059	2060	1014	609	573	510	575	550	373	2711	1492	4203
51135	51500	2060	2061	1020	611	576	515	578	552	378	2725	1504	4229
51500	51865	2061	2062	1025	614	579	520	580	554	383	2738	1517	4255
51865	52230	2062	2063	1029	616	582	525	583	557	388	2751	1529	4280
52230	52596	2063	2064	1033	618	585	530	586	560	393	2763	1542	4305
52596	52961	2064	2065	1036	621	587	535	589	562	398	2774	1554	4328
52961	53326	2065	2066	1039	623	589	540	591	565	403	2785	1565	4350
53326	53691	2066	2067	1042	625	592	544	594	567	408	2795	1576	4371

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)
53691	54057	2067	2068	1045	626	594	549	596	570	412	2804	1587	4392
54057	54422	2068	2069	1048	628	596	553	599	572	417	2813	1598	4412
54422	54787	2069	2070	1050	630	597	558	601	574	421	2822	1609	4431
54787	55152	2070	2071	1055	632	600	562	604	576	426	2836	1620	4456
55152	55518	2071	2072	1060	634	604	567	607	579	431	2849	1632	4481
55518	55883	2072	2073	1065	636	607	571	609	581	435	2862	1643	4505
55883	56248	2073	2074	1069	639	610	576	612	584	440	2875	1654	4529
56248	56613	2074	2075	1072	641	613	580	615	587	444	2887	1665	4551
56613	56979	2075	2076	1076	642	615	584	618	589	449	2898	1675	4573
56979	57344	2076	2077	1079	644	618	588	620	592	453	2909	1686	4594
57344	57709	2077	2078	1082	646	620	592	623	594	457	2919	1696	4615
57709	58074	2078	2079	1085	648	622	596	625	597	462	2929	1706	4635
58074	58440	2079	2080	1087	650	624	600	628	599	466	2938	1716	4654
58440	58805	2080	2081	1092	651	627	604	631	601	470	2952	1726	4677
58805	59170	2081	2082	1097	653	631	608	634	604	474	2965	1736	4701
59170	59535	2082	2083	1102	655	634	612	637	606	478	2978	1746	4724
59535	59901	2083	2084	1106	657	637	616	640	609	482	2991	1756	4747
59901	60266	2084	2085	1109	659	640	619	642	612	486	3003	1765	4768
60266	60631	2085	2086	1113	661	642	623	645	615	490	3015	1774	4789
60631	60996	2086	2087	1116	663	645	627	648	617	494	3026	1784	4810
60996	61362	2087	2088	1120	665	647	630	651	620	498	3037	1793	4830
61362	61727	2088	2089	1123	666	649	634	653	622	502	3047	1802	4849
61727	62092	2089	2090	1126	668	651	637	656	625	505	3057	1810	4868
62092	62457	2090	2091	1130	670	654	640	659	627	509	3071	1819	4890
62457	62823	2091	2092	1135	671	658	644	662	630	513	3084	1828	4912
62823	63188	2092	2093	1139	673	661	647	665	632	516	3097	1836	4934
63188	63553	2093	2094	1143	675	664	650	668	635	520	3110	1845	4955
63553	63918	2094	2095	1147	677	666	654	671	638	523	3122	1854	4975
63918	64284	2095	2096	1150	679	669	657	674	641	527	3134	1862	4996
64284	64649	2096	2097	1154	680	671	660	677	643	530	3145	1870	5015
64649	65014	2097	2098	1157	682	673	663	679	646	534	3156	1878	5034
65014	65379	2098	2099	1161	684	676	666	682	649	537	3167	1886	5053
65379	65745	2099	2100	1164	685	678	669	685	652	540	3178	1894	5072
65745	66110	2100	2101	1168	687	680	672	688	655	543	3191	1902	5093
66110	66475	2101	2102	1173	688	684	675	691	657	546	3204	1909	5114
66475	66840	2102	2103	1177	690	687	677	694	660	550	3217	1917	5134
66840	67206	2103	2104	1181	692	689	680	697	663	553	3230	1924	5155
67206	67571	2104	2105	1185	693	692	683	700	667	556	3242	1932	5174
67571	67936	2105	2106	1188	695	694	686	703	670	558	3254	1939	5193
67936	68301	2106	2107	1192	696	696	689	705	673	561	3266	1946	5212
68301	68667	2107	2108	1195	698	699	691	708	676	564	3277	1953	5230
68667	69032	2108	2109	1199	699	701	694	711	679	567	3289	1960	5248
69032	69397	2109	2110	1199	699	701	694	711	679	567	3289	1960	5248

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	*3652*	1920	1930	0	8	0	0	0	19	0	419	***438***	***8***	**446**
3652	*7305*	1930	1940	0	8	0	0	0	19	0	420	***439***	***8***	**446**
7305	*14610*	1940	1960	0	8	0	0	0	20	0	722	***742***	***8***	**750**
14610	*18263*	1960	1970	0	8	0	0	0	23	0	819	***842***	***8***	**850**
18263	*21915*	1970	1980	0	8	0	0	0	30	0	854	***884***	***8***	**892**
21915	*24837*	1980	1988	0	8	0	3	0	41	0	874	***915***	***11***	**926**
24837	*25202*	1988	1989	0	8	0	3	0	42	0	875	***918***	***11***	**929**
25202	*25567*	1989	1990	0	8	0	3	0	43	0	877	***920***	***12***	**931**
25567	*25932*	1990	1991	0	8	0	4	0	47	0	882	***929***	***13***	**941**
25932	*26298*	1991	1992	0	8	0	5	0	49	0	887	***936***	***13***	**949**
26298	*26663*	1992	1993	0	8	0	5	0	51	0	891	***942***	***13***	**955**
26663	*27028*	1993	1994	0	8	0	5	0	52	0	894	***946***	***14***	**960**
27028	*27393*	1994	1995	0	9	0	5	0	54	0	897	***951***	***14***	**964**
27393	*27759*	1995	1996	0	9	0	6	0	55	0	899	***954***	***14***	**968**
27759	*28124*	1996	1997	0	9	0	6	0	55	0	902	***957***	***15***	**972**
28124	*28489*	1997	1998	0	9	0	6	0	56	0	904	***960***	***15***	**975**
28489	*28854*	1998	1999	0	9	0	7	0	57	0	905	***962***	***16***	**978**
28854	*29220*	1999	2000	0	9	0	7	0	58	0	907	***965***	***16***	**981**
29220	*29585*	2000	2001	0	9	0	8	0	63	0	914	***978***	***17***	**995**
29585	*29950*	2001	2002	0	10	0	8	0	66	0	921	***988***	***18***	**1006**
29950	*30315*	2002	2003	0	10	0	9	0	69	0	927	***995***	***19***	**1014**
30315	*30681*	2003	2004	0	10	0	9	0	70	0	932	***1002***	***20***	**1022**
30681	*31046*	2004	2005	0	11	0	10	0	72	0	935	***1007***	***20***	**1028**
31046	*31411*	2005	2006	0	11	0	10	0	73	0	939	***1012***	***21***	**1033**
31411	*31776*	2006	2007	0	11	0	11	0	74	0	942	***1016***	***22***	**1038**
31776	*32142*	2007	2008	0	11	0	11	0	75	0	944	***1020***	***23***	**1042**
32142	*32507*	2008	2009	0	12	0	11	0	76	0	947	***1023***	***23***	**1046**
32507	*32872*	2009	2010	0	12	0	12	0	77	0	949	***1026***	***24***	**1050**
32872	*33237*	2010	2011	0	13	0	14	0	82	0	956	***1038***	***26***	**1064**
33237	*33603*	2011	2012	0	13	0	15	0	85	0	962	***1047***	***28***	**1075**
33603	*33968*	2012	2013	0	14	0	16	0	87	0	967	***1054***	***30***	**1084**
33968	*34333*	2013	2014	0	14	0	17	0	89	0	971	***1060***	***31***	**1092**
34333	*34698*	2014	2015	0	15	0	18	0	91	0	975	***1066***	***32***	**1098**
34698	*35064*	2015	2016	0	15	0	18	0	92	0	978	***1070***	***34***	**1104**
35064	*35429*	2016	2017	0	16	0	19	0	94	0	981	***1075***	***35***	**1109**
35429	*35794*	2017	2018	0	16	0	20	0	95	0	983	***1078***	***36***	**1114**
35794	*36159*	2018	2019	0	16	0	20	0	96	0	986	***1081***	***37***	**1118**
36159	*36525*	2019	2020	0	17	0	21	0	97	0	988	***1084***	***38***	**1122**
36525	*36890*	2020	2021	0	18	0	23	0	100	0	992	***1092***	***41***	**1134**
36890	*37255*	2021	2022	0	19	0	25	0	103	0	996	***1099***	***44***	**1143**
37255	*37620*	2022	2023	0	20	0	26	0	105	0	1000	***1105***	***46***	**1151**
37620	*37986*	2023	2024	0	21	0	27	0	108	0	1003	***1110***	***48***	**1158**
37986	*38351*	2024	2025	0	21	0	29	0	110	0	1005	***1115***	***50***	**1165**

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	22	0	30	0	112	0	1008	1119	51	1171
38716	39081	2026	2027	0	22	0	31	0	113	0	1010	1123	53	1176
39081	39447	2027	2028	0	23	0	31	0	115	0	1012	1127	54	1181
39447	39812	2028	2029	0	23	0	32	0	116	0	1014	1130	56	1185
39812	40177	2029	2030	0	24	0	33	0	117	0	1015	1133	57	1190
40177	40542	2030	2031	0	25	0	36	0	120	0	1018	1138	61	1199
40542	40908	2031	2032	0	26	0	38	0	123	0	1020	1143	64	1208
40908	41273	2032	2033	0	27	0	39	0	126	0	1023	1149	66	1215
41273	41638	2033	2034	0	28	0	41	0	129	0	1025	1153	69	1222
41638	42003	2034	2035	0	29	0	42	0	131	0	1027	1157	71	1228
42003	42369	2035	2036	0	29	0	43	0	133	0	1028	1161	73	1234
42369	42734	2036	2037	0	30	0	44	0	135	0	1030	1165	74	1239
42734	43099	2037	2038	0	31	0	45	0	137	0	1031	1168	76	1244
43099	43464	2038	2039	0	31	0	46	0	138	0	1033	1171	77	1248
43464	43830	2039	2040	0	32	0	47	0	140	0	1034	1174	79	1253
43830	44195	2040	2041	0	33	0	49	0	142	0	1036	1178	82	1260
44195	44560	2041	2042	0	34	0	51	0	145	0	1038	1183	85	1268
44560	44925	2042	2043	0	35	0	53	0	148	0	1039	1187	87	1274
44925	45291	2043	2044	0	36	0	54	0	150	0	1041	1191	90	1281
45291	45656	2044	2045	0	36	0	55	0	153	0	1042	1195	92	1287
45656	46021	2045	2046	0	37	0	57	0	155	0	1044	1199	94	1293
46021	46386	2046	2047	0	38	0	58	0	157	0	1045	1202	96	1298
46386	46752	2047	2048	0	39	0	59	0	159	0	1046	1206	97	1303
46752	47117	2048	2049	0	39	0	60	0	161	0	1048	1209	99	1308
47117	47482	2049	2050	0	40	0	61	0	163	0	1049	1212	101	1313
47482	47847	2050	2051	0	41	0	62	0	165	0	1050	1215	103	1319
47847	48213	2051	2052	0	42	0	64	0	168	0	1052	1220	106	1325
48213	48578	2052	2053	0	43	0	65	0	171	0	1053	1224	108	1332
48578	48943	2053	2054	0	44	0	66	0	173	0	1055	1228	110	1338
48943	49308	2054	2055	0	45	0	67	0	176	0	1056	1232	112	1343
49308	49674	2055	2056	0	45	0	68	0	178	0	1057	1235	113	1349
49674	50039	2056	2057	0	46	0	69	0	180	0	1058	1239	115	1354
50039	50404	2057	2058	0	47	0	70	0	183	0	1060	1242	117	1359
50404	50769	2058	2059	0	48	0	71	0	185	0	1061	1246	119	1364
50769	51135	2059	2060	0	48	0	72	0	187	0	1062	1249	120	1369
51135	51500	2060	2061	0	49	0	73	0	189	0	1063	1252	122	1374
51500	51865	2061	2062	0	50	0	74	0	192	0	1065	1256	124	1380
51865	52230	2062	2063	0	51	0	75	0	194	0	1066	1260	126	1386
52230	52596	2063	2064	0	52	0	76	0	197	0	1067	1264	127	1392
52596	52961	2064	2065	0	53	0	76	0	200	0	1069	1268	129	1397
52961	53326	2065	2066	0	53	0	77	0	202	0	1070	1272	131	1403
53326	53691	2066	2067	0	54	0	78	0	205	0	1071	1275	132	1408

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)
53691	54057	2067	2068	0	55	0	79	0	207	0	1072	1279	134	1413
54057	54422	2068	2069	0	56	0	80	0	210	0	1073	1283	135	1418
54422	54787	2069	2070	0	56	0	81	0	212	0	1074	1286	137	1423
54787	55152	2070	2071	0	57	0	81	0	215	0	1076	1291	139	1429
55152	55518	2071	2072	0	58	0	82	0	217	0	1077	1295	140	1435
55518	55883	2072	2073	0	59	0	83	0	220	0	1079	1299	142	1441
55883	56248	2073	2074	0	60	0	84	0	223	0	1080	1303	143	1446
56248	56613	2074	2075	0	61	0	84	0	226	0	1081	1307	145	1452
56613	56979	2075	2076	0	61	0	85	0	229	0	1082	1311	146	1458
56979	57344	2076	2077	0	62	0	86	0	232	0	1084	1315	148	1463
57344	57709	2077	2078	0	63	0	87	0	234	0	1085	1319	149	1468
57709	58074	2078	2079	0	63	0	87	0	237	0	1086	1323	151	1473
58074	58440	2079	2080	0	64	0	88	0	239	0	1087	1326	152	1478
58440	58805	2080	2081	0	65	0	89	0	242	0	1089	1331	154	1485
58805	59170	2081	2082	0	66	0	89	0	245	0	1090	1335	155	1491
59170	59535	2082	2083	0	67	0	90	0	248	0	1092	1339	157	1496
59535	59901	2083	2084	0	68	0	91	0	251	0	1093	1344	158	1502
59901	60266	2084	2085	0	68	0	91	0	253	0	1094	1348	160	1507
60266	60631	2085	2086	0	69	0	92	0	256	0	1095	1352	161	1513
60631	60996	2086	2087	0	70	0	93	0	259	0	1097	1356	162	1518
60996	61362	2087	2088	0	70	0	93	0	262	0	1098	1360	164	1523
61362	61727	2088	2089	0	71	0	94	0	265	0	1099	1364	165	1529
61727	62092	2089	2090	0	72	0	95	0	267	0	1100	1367	166	1534
62092	62457	2090	2091	0	73	0	95	0	270	0	1103	1373	168	1541
62457	62823	2091	2092	0	74	0	96	0	273	0	1104	1377	169	1546
62823	63188	2092	2093	0	74	0	96	0	276	0	1105	1381	171	1552
63188	63553	2093	2094	0	75	0	97	0	279	0	1107	1385	172	1557
63553	63918	2094	2095	0	76	0	98	0	282	0	1108	1390	173	1563
63918	64284	2095	2096	0	76	0	98	0	285	0	1109	1394	175	1569
64284	64649	2096	2097	0	77	0	99	0	288	0	1110	1398	176	1574
64649	65014	2097	2098	0	78	0	99	0	291	0	1111	1402	177	1580
65014	65379	2098	2099	0	78	0	100	0	294	0	1113	1407	178	1585
65379	65745	2099	2100	0	79	0	100	0	297	0	1114	1411	179	1590
65745	66110	2100	2101	0	80	0	101	0	300	0	1117	1417	181	1598
66110	66475	2101	2102	0	81	0	102	0	303	0	1118	1421	183	1604
66475	66840	2102	2103	0	82	0	102	0	306	0	1120	1425	184	1609
66840	67206	2103	2104	0	82	0	103	0	309	0	1121	1430	185	1615
67206	67571	2104	2105	0	83	0	103	0	312	0	1122	1434	186	1621
67571	67936	2105	2106	0	84	0	104	0	315	0	1123	1438	188	1626
67936	68301	2106	2107	0	85	0	104	0	318	0	1125	1443	189	1631
68301	68667	2107	2108	0	85	0	105	0	321	0	1126	1447	190	1637
68667	69032	2108	2109	0	86	0	105	0	324	0	1127	1451	191	1642
69032	69397	2109	2110	0	86	0	105	0	324	0	1127	1451	191	1642

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	3652	1920	1930	3.4	2.3	2.4	1.8	3.7	2.4	0.6	12.0	4.7	16.6
3652	7305	1930	1940	3.4	2.3	2.4	1.8	3.7	2.4	0.6	11.9	4.7	16.6
7305	14610	1940	1960	3.6	2.3	2.6	1.9	3.9	2.5	0.6	12.6	4.8	17.4
14610	18263	1960	1970	3.7	2.3	2.8	2.0	4.0	2.6	0.7	13.0	4.9	18.0
18263	21915	1970	1980	3.8	2.3	2.9	2.0	4.2	2.7	0.7	13.6	5.1	18.7
21915	24837	1980	1988	3.9	2.4	3.0	2.2	4.3	2.9	0.8	14.1	5.4	19.5
24837	25202	1988	1989	3.9	2.4	3.0	2.2	4.3	2.9	0.8	14.1	5.4	19.5
25202	25567	1989	1990	3.9	2.4	3.0	2.2	4.3	2.9	0.8	14.2	5.4	19.5
25567	25932	1990	1991	4.0	2.4	3.1	2.3	4.4	2.9	0.9	14.3	5.5	19.8
25932	26298	1991	1992	4.0	2.4	3.1	2.3	4.4	3.0	0.9	14.4	5.6	20.0
26298	26663	1992	1993	4.0	2.4	3.1	2.3	4.4	3.0	0.9	14.5	5.7	20.1
26663	27028	1993	1994	4.0	2.4	3.1	2.4	4.4	3.0	0.9	14.5	5.7	20.2
27028	27393	1994	1995	4.0	2.4	3.1	2.4	4.4	3.0	0.9	14.5	5.7	20.3
27393	27759	1995	1996	4.0	2.4	3.1	2.4	4.4	3.0	1.0	14.6	5.8	20.3
27759	28124	1996	1997	4.0	2.4	3.1	2.4	4.4	3.0	1.0	14.6	5.8	20.4
28124	28489	1997	1998	4.0	2.4	3.1	2.4	4.4	3.0	1.0	14.6	5.8	20.5
28489	28854	1998	1999	4.0	2.4	3.1	2.5	4.4	3.0	1.0	14.6	5.9	20.5
28854	29220	1999	2000	4.0	2.4	3.1	2.5	4.4	3.0	1.0	14.7	5.9	20.5
29220	29585	2000	2001	4.1	2.4	3.2	2.5	4.5	3.1	1.0	14.8	6.0	20.8
29585	29950	2001	2002	4.1	2.4	3.2	2.6	4.5	3.1	1.0	14.9	6.1	21.0
29950	30315	2002	2003	4.1	2.5	3.2	2.6	4.5	3.1	1.1	15.0	6.2	21.1
30315	30681	2003	2004	4.2	2.5	3.3	2.7	4.5	3.1	1.1	15.0	6.2	21.3
30681	31046	2004	2005	4.2	2.5	3.3	2.7	4.5	3.1	1.1	15.1	6.3	21.3
31046	31411	2005	2006	4.2	2.5	3.3	2.7	4.5	3.1	1.1	15.1	6.3	21.4
31411	31776	2006	2007	4.2	2.5	3.3	2.7	4.6	3.1	1.1	15.1	6.4	21.5
31776	32142	2007	2008	4.2	2.5	3.3	2.8	4.6	3.1	1.1	15.2	6.4	21.6
32142	32507	2008	2009	4.2	2.5	3.3	2.8	4.6	3.1	1.2	15.2	6.4	21.6
32507	32872	2009	2010	4.2	2.5	3.3	2.8	4.6	3.1	1.2	15.2	6.5	21.7
32872	33237	2010	2011	4.3	2.5	3.3	2.9	4.6	3.2	1.2	15.4	6.6	22.0
33237	33603	2011	2012	4.3	2.5	3.4	2.9	4.6	3.2	1.2	15.5	6.7	22.1
33603	33968	2012	2013	4.3	2.5	3.4	3.0	4.7	3.2	1.2	15.6	6.7	22.3
33968	34333	2013	2014	4.3	2.6	3.4	3.0	4.7	3.2	1.2	15.6	6.8	22.4
34333	34698	2014	2015	4.3	2.6	3.4	3.0	4.7	3.2	1.3	15.7	6.9	22.5
34698	35064	2015	2016	4.4	2.6	3.4	3.1	4.7	3.2	1.3	15.7	6.9	22.6
35064	35429	2016	2017	4.4	2.6	3.4	3.1	4.7	3.2	1.3	15.8	7.0	22.7
35429	35794	2017	2018	4.4	2.6	3.4	3.1	4.7	3.3	1.3	15.8	7.0	22.8
35794	36159	2018	2019	4.4	2.6	3.4	3.2	4.8	3.3	1.3	15.8	7.1	22.9
36159	36525	2019	2020	4.4	2.6	3.4	3.2	4.8	3.3	1.3	15.8	7.1	22.9
36525	36890	2020	2021	4.4	2.6	3.5	3.2	4.8	3.3	1.3	16.0	7.2	23.2
36890	37255	2021	2022	4.5	2.6	3.5	3.3	4.8	3.3	1.4	16.1	7.3	23.4
37255	37620	2022	2023	4.5	2.6	3.5	3.3	4.9	3.3	1.4	16.2	7.4	23.6
37620	37986	2023	2024	4.5	2.7	3.5	3.4	4.9	3.3	1.4	16.3	7.4	23.7
37986	38351	2024	2025	4.5	2.7	3.5	3.4	4.9	3.4	1.4	16.3	7.5	23.8

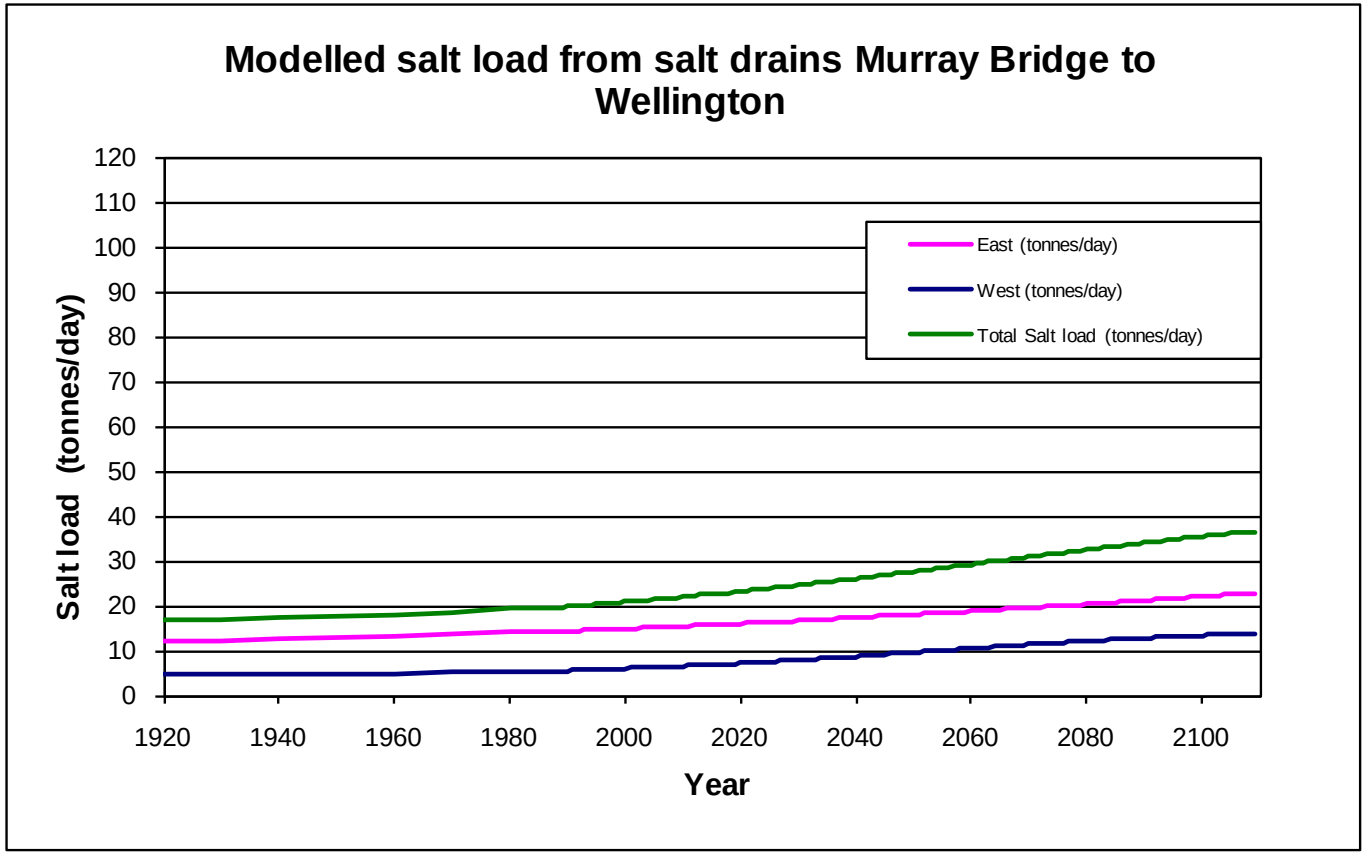
B-6(S2). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 2) (highland to salt drains)

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	4.5	2.7	3.5	3.5	4.9	3.4	1.4	16.4	7.6	23.9
38716	39081	2026	2027	4.5	2.7	3.6	3.5	4.9	3.4	1.4	16.4	7.6	24.0
39081	39447	2027	2028	4.5	2.7	3.6	3.5	5.0	3.4	1.5	16.5	7.7	24.1
39447	39812	2028	2029	4.6	2.7	3.6	3.6	5.0	3.4	1.5	16.5	7.7	24.2
39812	40177	2029	2030	4.6	2.7	3.6	3.6	5.0	3.4	1.5	16.5	7.8	24.3
40177	40542	2030	2031	4.6	2.7	3.6	3.7	5.0	3.4	1.5	16.7	7.9	24.6
40542	40908	2031	2032	4.6	2.7	3.6	3.7	5.1	3.4	1.5	16.8	8.0	24.8
40908	41273	2032	2033	4.7	2.7	3.6	3.8	5.1	3.5	1.6	16.9	8.1	24.9
41273	41638	2033	2034	4.7	2.8	3.7	3.8	5.1	3.5	1.6	16.9	8.1	25.1
41638	42003	2034	2035	4.7	2.8	3.7	3.9	5.1	3.5	1.6	17.0	8.2	25.2
42003	42369	2035	2036	4.7	2.8	3.7	3.9	5.2	3.5	1.6	17.1	8.3	25.4
42369	42734	2036	2037	4.7	2.8	3.7	4.0	5.2	3.5	1.6	17.1	8.4	25.5
42734	43099	2037	2038	4.7	2.8	3.7	4.0	5.2	3.5	1.7	17.2	8.5	25.6
43099	43464	2038	2039	4.7	2.8	3.7	4.0	5.2	3.5	1.7	17.2	8.5	25.7
43464	43830	2039	2040	4.7	2.8	3.7	4.1	5.2	3.5	1.7	17.2	8.6	25.8
43830	44195	2040	2041	4.8	2.8	3.7	4.1	5.3	3.6	1.7	17.3	8.7	26.0
44195	44560	2041	2042	4.8	2.8	3.8	4.2	5.3	3.6	1.8	17.4	8.8	26.2
44560	44925	2042	2043	4.8	2.9	3.8	4.2	5.3	3.6	1.8	17.5	8.9	26.4
44925	45291	2043	2044	4.8	2.9	3.8	4.3	5.4	3.6	1.8	17.6	9.0	26.6
45291	45656	2044	2045	4.8	2.9	3.8	4.4	5.4	3.6	1.8	17.7	9.1	26.7
45656	46021	2045	2046	4.9	2.9	3.8	4.4	5.4	3.6	1.9	17.7	9.2	26.9
46021	46386	2046	2047	4.9	2.9	3.8	4.5	5.4	3.7	1.9	17.8	9.2	27.0
46386	46752	2047	2048	4.9	2.9	3.8	4.5	5.5	3.7	1.9	17.8	9.3	27.2
46752	47117	2048	2049	4.9	2.9	3.8	4.6	5.5	3.7	1.9	17.9	9.4	27.3
47117	47482	2049	2050	4.9	2.9	3.9	4.6	5.5	3.7	2.0	17.9	9.5	27.4
47482	47847	2050	2051	4.9	2.9	3.9	4.7	5.5	3.7	2.0	18.0	9.6	27.6
47847	48213	2051	2052	5.0	3.0	3.9	4.7	5.6	3.7	2.0	18.1	9.7	27.8
48213	48578	2052	2053	5.0	3.0	3.9	4.8	5.6	3.7	2.0	18.2	9.8	28.0
48578	48943	2053	2054	5.0	3.0	3.9	4.8	5.6	3.8	2.1	18.3	9.9	28.2
48943	49308	2054	2055	5.0	3.0	3.9	4.9	5.6	3.8	2.1	18.4	10.0	28.3
49308	49674	2055	2056	5.0	3.0	4.0	4.9	5.7	3.8	2.1	18.4	10.0	28.5
49674	50039	2056	2057	5.0	3.0	4.0	5.0	5.7	3.8	2.2	18.5	10.1	28.6
50039	50404	2057	2058	5.0	3.0	4.0	5.0	5.7	3.8	2.2	18.6	10.2	28.8
50404	50769	2058	2059	5.1	3.0	4.0	5.1	5.7	3.8	2.2	18.6	10.3	28.9
50769	51135	2059	2060	5.1	3.0	4.0	5.1	5.7	3.9	2.2	18.7	10.4	29.1
51135	51500	2060	2061	5.1	3.1	4.0	5.2	5.8	3.9	2.3	18.8	10.5	29.2
51500	51865	2061	2062	5.1	3.1	4.1	5.2	5.8	3.9	2.3	18.9	10.6	29.4
51865	52230	2062	2063	5.1	3.1	4.1	5.3	5.8	3.9	2.3	18.9	10.7	29.6
52230	52596	2063	2064	5.2	3.1	4.1	5.3	5.9	3.9	2.4	19.0	10.8	29.8
52596	52961	2064	2065	5.2	3.1	4.1	5.4	5.9	3.9	2.4	19.1	10.8	30.0
52961	53326	2065	2066	5.2	3.1	4.1	5.4	5.9	4.0	2.4	19.2	10.9	30.1
53326	53691	2066	2067	5.2	3.1	4.1	5.4	5.9	4.0	2.4	19.3	11.0	30.3

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) (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	5.2	3.1	4.2	5.5	6.0	4.0	2.5	19.3	11.1	30.4
54057	54422	2068	2069	5.2	3.1	4.2	5.5	6.0	4.0	2.5	19.4	11.2	30.6
54422	54787	2069	2070	5.2	3.1	4.2	5.6	6.0	4.0	2.5	19.5	11.3	30.7
54787	55152	2070	2071	5.3	3.2	4.2	5.6	6.0	4.0	2.6	19.5	11.3	30.9
55152	55518	2071	2072	5.3	3.2	4.2	5.7	6.1	4.0	2.6	19.6	11.4	31.1
55518	55883	2072	2073	5.3	3.2	4.2	5.7	6.1	4.1	2.6	19.7	11.5	31.2
55883	56248	2073	2074	5.3	3.2	4.3	5.8	6.1	4.1	2.6	19.8	11.6	31.4
56248	56613	2074	2075	5.4	3.2	4.3	5.8	6.1	4.1	2.7	19.9	11.7	31.6
56613	56979	2075	2076	5.4	3.2	4.3	5.8	6.2	4.1	2.7	20.0	11.7	31.7
56979	57344	2076	2077	5.4	3.2	4.3	5.9	6.2	4.1	2.7	20.1	11.8	31.9
57344	57709	2077	2078	5.4	3.2	4.3	5.9	6.2	4.2	2.7	20.1	11.9	32.0
57709	58074	2078	2079	5.4	3.2	4.4	6.0	6.3	4.2	2.8	20.2	12.0	32.2
58074	58440	2079	2080	5.4	3.2	4.4	6.0	6.3	4.2	2.8	20.3	12.0	32.3
58440	58805	2080	2081	5.5	3.3	4.4	6.0	6.3	4.2	2.8	20.4	12.1	32.5
58805	59170	2081	2082	5.5	3.3	4.4	6.1	6.3	4.2	2.8	20.5	12.2	32.7
59170	59535	2082	2083	5.5	3.3	4.4	6.1	6.4	4.2	2.9	20.6	12.3	32.8
59535	59901	2083	2084	5.5	3.3	4.5	6.2	6.4	4.3	2.9	20.6	12.3	33.0
59901	60266	2084	2085	5.5	3.3	4.5	6.2	6.4	4.3	2.9	20.7	12.4	33.1
60266	60631	2085	2086	5.6	3.3	4.5	6.2	6.5	4.3	2.9	20.8	12.5	33.3
60631	60996	2086	2087	5.6	3.3	4.5	6.3	6.5	4.3	3.0	20.9	12.5	33.4
60996	61362	2087	2088	5.6	3.3	4.5	6.3	6.5	4.3	3.0	21.0	12.6	33.6
61362	61727	2088	2089	5.6	3.3	4.5	6.3	6.5	4.4	3.0	21.0	12.7	33.7
61727	62092	2089	2090	5.6	3.3	4.6	6.4	6.6	4.4	3.0	21.1	12.7	33.9
62092	62457	2090	2091	5.7	3.3	4.6	6.4	6.6	4.4	3.1	21.2	12.8	34.0
62457	62823	2091	2092	5.7	3.4	4.6	6.4	6.6	4.4	3.1	21.3	12.9	34.2
62823	63188	2092	2093	5.7	3.4	4.6	6.5	6.7	4.4	3.1	21.4	12.9	34.3
63188	63553	2093	2094	5.7	3.4	4.6	6.5	6.7	4.4	3.1	21.5	13.0	34.5
63553	63918	2094	2095	5.7	3.4	4.7	6.5	6.7	4.5	3.1	21.6	13.1	34.6
63918	64284	2095	2096	5.8	3.4	4.7	6.6	6.7	4.5	3.2	21.7	13.1	34.8
64284	64649	2096	2097	5.8	3.4	4.7	6.6	6.8	4.5	3.2	21.7	13.2	34.9
64649	65014	2097	2098	5.8	3.4	4.7	6.6	6.8	4.5	3.2	21.8	13.2	35.1
65014	65379	2098	2099	5.8	3.4	4.7	6.7	6.8	4.5	3.2	21.9	13.3	35.2
65379	65745	2099	2100	5.8	3.4	4.7	6.7	6.8	4.6	3.2	22.0	13.4	35.3
65745	66110	2100	2101	5.8	3.4	4.8	6.7	6.9	4.6	3.3	22.1	13.4	35.5
66110	66475	2101	2102	5.9	3.4	4.8	6.7	6.9	4.6	3.3	22.2	13.5	35.6
66475	66840	2102	2103	5.9	3.4	4.8	6.8	6.9	4.6	3.3	22.3	13.5	35.8
66840	67206	2103	2104	5.9	3.5	4.8	6.8	7.0	4.6	3.3	22.3	13.6	35.9
67206	67571	2104	2105	5.9	3.5	4.8	6.8	7.0	4.7	3.3	22.4	13.6	36.1
67571	67936	2105	2106	5.9	3.5	4.9	6.9	7.0	4.7	3.4	22.5	13.7	36.2
67936	68301	2106	2107	6.0	3.5	4.9	6.9	7.1	4.7	3.4	22.6	13.7	36.3
68301	68667	2107	2108	6.0	3.5	4.9	6.9	7.1	4.7	3.4	22.7	13.8	36.5
68667	69032	2108	2109	6.0	3.5	4.9	6.9	7.1	4.8	3.4	22.8	13.8	36.6
69032	69397	2109	2110	6.0	3.5	4.9	6.9	7.1	4.8	3.4	22.8	13.8	36.6
		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	3652	1920	1930	0.0	0.0	0.0	0.0	0.0	0.1	0.0	2.5	2.6	0.0	2.7
3652	7305	1930	1940	0.0	0.0	0.0	0.0	0.0	0.1	0.0	2.5	2.7	0.0	2.7
7305	14610	1940	1960	0.0	0.0	0.0	0.0	0.0	0.1	0.0	4.3	4.5	0.0	4.5
14610	18263	1960	1970	0.0	0.0	0.0	0.0	0.0	0.2	0.0	4.9	5.1	0.0	5.1
18263	21915	1970	1980	0.0	0.0	0.0	0.0	0.0	0.2	0.0	5.1	5.3	0.0	5.4
21915	24837	1980	1988	0.0	0.0	0.0	0.0	0.0	0.3	0.0	5.2	5.5	0.1	5.6
24837	25202	1988	1989	0.0	0.0	0.0	0.0	0.0	0.3	0.0	5.3	5.5	0.1	5.6
25202	25567	1989	1990	0.0	0.0	0.0	0.0	0.0	0.3	0.0	5.3	5.6	0.1	5.6
25567	25932	1990	1991	0.0	0.0	0.0	0.0	0.0	0.3	0.0	5.3	5.6	0.1	5.7
25932	26298	1991	1992	0.0	0.0	0.0	0.0	0.0	0.3	0.0	5.3	5.7	0.1	5.8
26298	26663	1992	1993	0.0	0.0	0.0	0.0	0.0	0.4	0.0	5.3	5.7	0.1	5.8
26663	27028	1993	1994	0.0	0.0	0.0	0.1	0.0	0.4	0.0	5.4	5.7	0.1	5.8
27028	27393	1994	1995	0.0	0.0	0.0	0.1	0.0	0.4	0.0	5.4	5.8	0.1	5.9
27393	27759	1995	1996	0.0	0.0	0.0	0.1	0.0	0.4	0.0	5.4	5.8	0.1	5.9
27759	28124	1996	1997	0.0	0.0	0.0	0.1	0.0	0.4	0.0	5.4	5.8	0.1	5.9
28124	28489	1997	1998	0.0	0.0	0.0	0.1	0.0	0.4	0.0	5.4	5.8	0.1	5.9
28489	28854	1998	1999	0.0	0.0	0.0	0.1	0.0	0.4	0.0	5.4	5.8	0.1	5.9
28854	29220	1999	2000	0.0	0.0	0.0	0.1	0.0	0.4	0.0	5.4	5.8	0.1	6.0
29220	29585	2000	2001	0.0	0.0	0.0	0.1	0.0	0.4	0.0	5.5	5.9	0.1	6.1
29585	29950	2001	2002	0.0	0.0	0.0	0.1	0.0	0.5	0.0	5.5	6.0	0.1	6.1
29950	30315	2002	2003	0.0	0.1	0.0	0.1	0.0	0.5	0.0	5.6	6.0	0.1	6.2
30315	30681	2003	2004	0.0	0.1	0.0	0.1	0.0	0.5	0.0	5.6	6.1	0.1	6.2
30681	31046	2004	2005	0.0	0.1	0.0	0.1	0.0	0.5	0.0	5.6	6.1	0.1	6.3
31046	31411	2005	2006	0.0	0.1	0.0	0.1	0.0	0.5	0.0	5.6	6.1	0.2	6.3
31411	31776	2006	2007	0.0	0.1	0.0	0.1	0.0	0.5	0.0	5.7	6.2	0.2	6.3
31776	32142	2007	2008	0.0	0.1	0.0	0.1	0.0	0.5	0.0	5.7	6.2	0.2	6.4
32142	32507	2008	2009	0.0	0.1	0.0	0.1	0.0	0.5	0.0	5.7	6.2	0.2	6.4
32507	32872	2009	2010	0.0	0.1	0.0	0.1	0.0	0.5	0.0	5.7	6.2	0.2	6.4
32872	33237	2010	2011	0.0	0.1	0.0	0.1	0.0	0.6	0.0	5.7	6.3	0.2	6.5
33237	33603	2011	2012	0.0	0.1	0.0	0.1	0.0	0.6	0.0	5.8	6.4	0.2	6.6
33603	33968	2012	2013	0.0	0.1	0.0	0.2	0.0	0.6	0.0	5.8	6.4	0.2	6.6
33968	34333	2013	2014	0.0	0.1	0.0	0.2	0.0	0.6	0.0	5.8	6.5	0.2	6.7
34333	34698	2014	2015	0.0	0.1	0.0	0.2	0.0	0.6	0.0	5.8	6.5	0.3	6.7
34698	35064	2015	2016	0.0	0.1	0.0	0.2	0.0	0.6	0.0	5.9	6.5	0.3	6.8
35064	35429	2016	2017	0.0	0.1	0.0	0.2	0.0	0.7	0.0	5.9	6.5	0.3	6.8
35429	35794	2017	2018	0.0	0.1	0.0	0.2	0.0	0.7	0.0	5.9	6.6	0.3	6.8
35794	36159	2018	2019	0.0	0.1	0.0	0.2	0.0	0.7	0.0	5.9	6.6	0.3	6.9
36159	36525	2019	2020	0.0	0.1	0.0	0.2	0.0	0.7	0.0	5.9	6.6	0.3	6.9
36525	36890	2020	2021	0.0	0.1	0.0	0.2	0.0	0.7	0.0	6.0	6.7	0.3	7.0
36890	37255	2021	2022	0.0	0.1	0.0	0.2	0.0	0.7	0.0	6.0	6.7	0.3	7.0
37255	37620	2022	2023	0.0	0.1	0.0	0.3	0.0	0.7	0.0	6.0	6.7	0.4	7.1
37620	37986	2023	2024	0.0	0.1	0.0	0.3	0.0	0.8	0.0	6.0	6.8	0.4	7.1
37986	38351	2024	2025	0.0	0.1	0.0	0.3	0.0	0.8	0.0	6.0	6.8	0.4	7.2

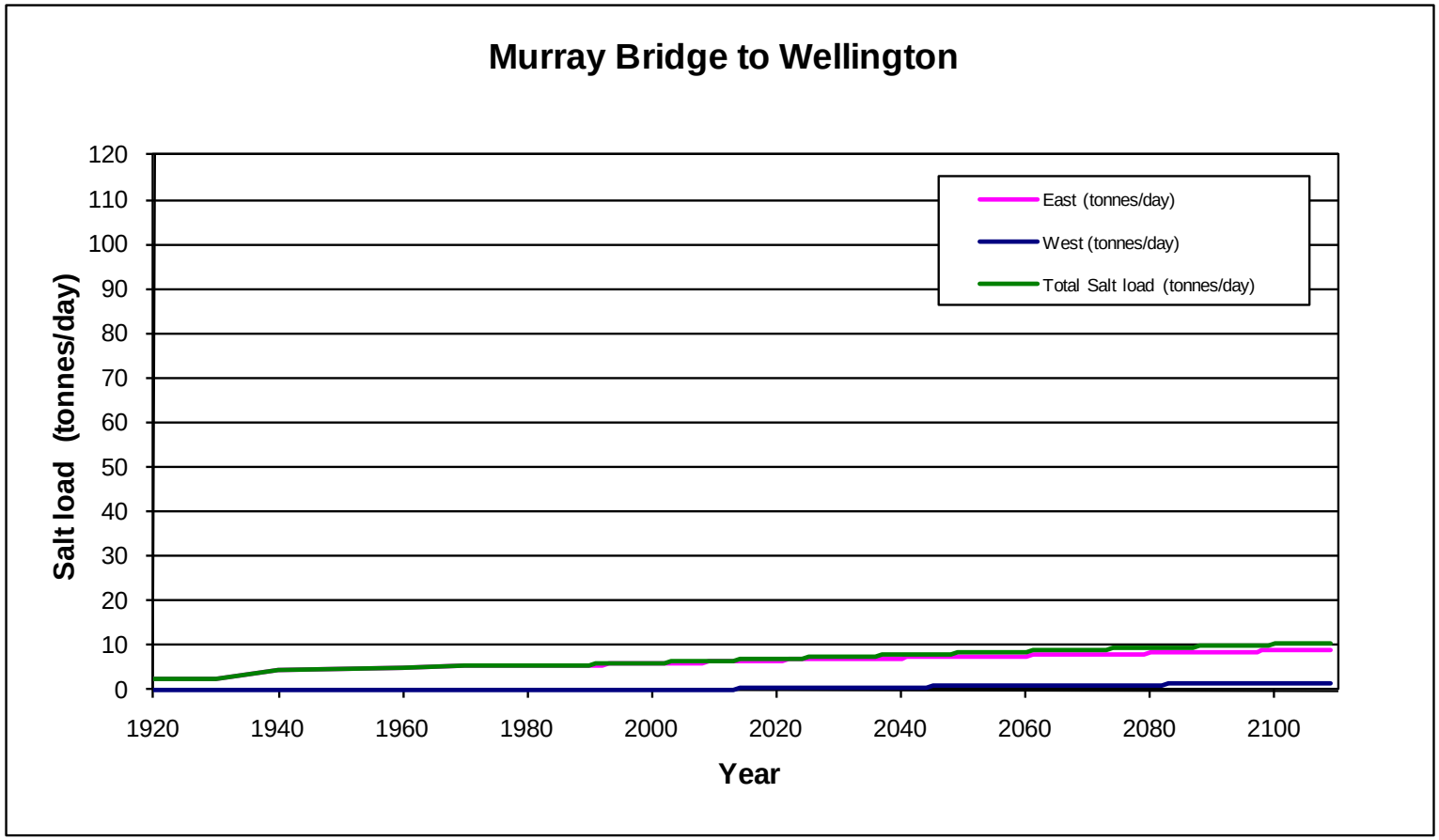
B-6(S2). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 2) (floodplain to River)

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	0.1	0.0	0.3	0.0	0.8	0.0	6.0	6.8	0.4	7.2
38716	39081	2026	2027	0.0	0.1	0.0	0.3	0.0	0.8	0.0	6.1	6.9	0.4	7.3
39081	39447	2027	2028	0.0	0.1	0.0	0.3	0.0	0.8	0.0	6.1	6.9	0.4	7.3
39447	39812	2028	2029	0.0	0.1	0.0	0.3	0.0	0.8	0.0	6.1	6.9	0.4	7.3
39812	40177	2029	2030	0.0	0.1	0.0	0.3	0.0	0.8	0.0	6.1	6.9	0.5	7.4
40177	40542	2030	2031	0.0	0.1	0.0	0.4	0.0	0.8	0.0	6.1	6.9	0.5	7.4
40542	40908	2031	2032	0.0	0.1	0.0	0.4	0.0	0.9	0.0	6.1	7.0	0.5	7.5
40908	41273	2032	2033	0.0	0.1	0.0	0.4	0.0	0.9	0.0	6.1	7.0	0.5	7.5
41273	41638	2033	2034	0.0	0.1	0.0	0.4	0.0	0.9	0.0	6.1	7.0	0.5	7.6
41638	42003	2034	2035	0.0	0.1	0.0	0.4	0.0	0.9	0.0	6.2	7.1	0.6	7.6
42003	42369	2035	2036	0.0	0.1	0.0	0.4	0.0	0.9	0.0	6.2	7.1	0.6	7.7
42369	42734	2036	2037	0.0	0.1	0.0	0.4	0.0	0.9	0.0	6.2	7.1	0.6	7.7
42734	43099	2037	2038	0.0	0.2	0.0	0.5	0.0	1.0	0.0	6.2	7.1	0.6	7.8
43099	43464	2038	2039	0.0	0.2	0.0	0.5	0.0	1.0	0.0	6.2	7.2	0.6	7.8
43464	43830	2039	2040	0.0	0.2	0.0	0.5	0.0	1.0	0.0	6.2	7.2	0.6	7.8
43830	44195	2040	2041	0.0	0.2	0.0	0.5	0.0	1.0	0.0	6.2	7.2	0.7	7.9
44195	44560	2041	2042	0.0	0.2	0.0	0.5	0.0	1.0	0.0	6.2	7.2	0.7	7.9
44560	44925	2042	2043	0.0	0.2	0.0	0.5	0.0	1.0	0.0	6.2	7.3	0.7	8.0
44925	45291	2043	2044	0.0	0.2	0.0	0.5	0.0	1.1	0.0	6.2	7.3	0.7	8.0
45291	45656	2044	2045	0.0	0.2	0.0	0.6	0.0	1.1	0.0	6.3	7.3	0.7	8.1
45656	46021	2045	2046	0.0	0.2	0.0	0.6	0.0	1.1	0.0	6.3	7.3	0.8	8.1
46021	46386	2046	2047	0.0	0.2	0.0	0.6	0.0	1.1	0.0	6.3	7.4	0.8	8.1
46386	46752	2047	2048	0.0	0.2	0.0	0.6	0.0	1.1	0.0	6.3	7.4	0.8	8.2
46752	47117	2048	2049	0.0	0.2	0.0	0.6	0.0	1.1	0.0	6.3	7.4	0.8	8.2
47117	47482	2049	2050	0.0	0.2	0.0	0.6	0.0	1.1	0.0	6.3	7.4	0.8	8.2
47482	47847	2050	2051	0.0	0.2	0.0	0.6	0.0	1.2	0.0	6.3	7.5	0.8	8.3
47847	48213	2051	2052	0.0	0.2	0.0	0.6	0.0	1.2	0.0	6.3	7.5	0.8	8.3
48213	48578	2052	2053	0.0	0.2	0.0	0.6	0.0	1.2	0.0	6.3	7.5	0.9	8.4
48578	48943	2053	2054	0.0	0.2	0.0	0.7	0.0	1.2	0.0	6.3	7.5	0.9	8.4
48943	49308	2054	2055	0.0	0.2	0.0	0.7	0.0	1.2	0.0	6.3	7.6	0.9	8.5
49308	49674	2055	2056	0.0	0.2	0.0	0.7	0.0	1.2	0.0	6.3	7.6	0.9	8.5
49674	50039	2056	2057	0.0	0.2	0.0	0.7	0.0	1.3	0.0	6.4	7.6	0.9	8.5
50039	50404	2057	2058	0.0	0.2	0.0	0.7	0.0	1.3	0.0	6.4	7.6	0.9	8.6
50404	50769	2058	2059	0.0	0.2	0.0	0.7	0.0	1.3	0.0	6.4	7.7	0.9	8.6
50769	51135	2059	2060	0.0	0.2	0.0	0.7	0.0	1.3	0.0	6.4	7.7	1.0	8.6
51135	51500	2060	2061	0.0	0.2	0.0	0.7	0.0	1.3	0.0	6.4	7.7	1.0	8.7
51500	51865	2061	2062	0.0	0.3	0.0	0.7	0.0	1.3	0.0	6.4	7.7	1.0	8.7
51865	52230	2062	2063	0.0	0.3	0.0	0.7	0.0	1.4	0.0	6.4	7.8	1.0	8.8
52230	52596	2063	2064	0.0	0.3	0.0	0.8	0.0	1.4	0.0	6.4	7.8	1.0	8.8
52596	52961	2064	2065	0.0	0.3	0.0	0.8	0.0	1.4	0.0	6.4	7.8	1.0	8.8
52961	53326	2065	2066	0.0	0.3	0.0	0.8	0.0	1.4	0.0	6.4	7.8	1.0	8.9
53326	53691	2066	2067	0.0	0.3	0.0	0.8	0.0	1.4	0.0	6.4	7.9	1.1	8.9

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) (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	0.3	0.0	0.8	0.0	1.4	0.0	6.4	7.9	1.1	8.9
54057	54422	2068	2069	0.0	0.3	0.0	0.8	0.0	1.5	0.0	6.4	7.9	1.1	9.0
54422	54787	2069	2070	0.0	0.3	0.0	0.8	0.0	1.5	0.0	6.4	7.9	1.1	9.0
54787	55152	2070	2071	0.0	0.3	0.0	0.8	0.0	1.5	0.0	6.5	8.0	1.1	9.1
55152	55518	2071	2072	0.0	0.3	0.0	0.8	0.0	1.5	0.0	6.5	8.0	1.1	9.1
55518	55883	2072	2073	0.0	0.3	0.0	0.8	0.0	1.5	0.0	6.5	8.0	1.1	9.1
55883	56248	2073	2074	0.0	0.3	0.0	0.8	0.0	1.6	0.0	6.5	8.0	1.1	9.2
56248	56613	2074	2075	0.0	0.3	0.0	0.8	0.0	1.6	0.0	6.5	8.1	1.1	9.2
56613	56979	2075	2076	0.0	0.3	0.0	0.9	0.0	1.6	0.0	6.5	8.1	1.2	9.3
56979	57344	2076	2077	0.0	0.3	0.0	0.9	0.0	1.6	0.0	6.5	8.1	1.2	9.3
57344	57709	2077	2078	0.0	0.3	0.0	0.9	0.0	1.6	0.0	6.5	8.1	1.2	9.3
57709	58074	2078	2079	0.0	0.3	0.0	0.9	0.0	1.7	0.0	6.5	8.2	1.2	9.4
58074	58440	2079	2080	0.0	0.3	0.0	0.9	0.0	1.7	0.0	6.5	8.2	1.2	9.4
58440	58805	2080	2081	0.0	0.3	0.0	0.9	0.0	1.7	0.0	6.5	8.2	1.2	9.4
58805	59170	2081	2082	0.0	0.3	0.0	0.9	0.0	1.7	0.0	6.5	8.3	1.2	9.5
59170	59535	2082	2083	0.0	0.3	0.0	0.9	0.0	1.7	0.0	6.6	8.3	1.2	9.5
59535	59901	2083	2084	0.0	0.3	0.0	0.9	0.0	1.8	0.0	6.6	8.3	1.2	9.6
59901	60266	2084	2085	0.0	0.3	0.0	0.9	0.0	1.8	0.0	6.6	8.3	1.3	9.6
60266	60631	2085	2086	0.0	0.3	0.0	0.9	0.0	1.8	0.0	6.6	8.4	1.3	9.6
60631	60996	2086	2087	0.0	0.3	0.0	0.9	0.0	1.8	0.0	6.6	8.4	1.3	9.7
60996	61362	2087	2088	0.0	0.4	0.0	0.9	0.0	1.8	0.0	6.6	8.4	1.3	9.7
61362	61727	2088	2089	0.0	0.4	0.0	0.9	0.0	1.9	0.0	6.6	8.4	1.3	9.7
61727	62092	2089	2090	0.0	0.4	0.0	0.9	0.0	1.9	0.0	6.6	8.5	1.3	9.8
62092	62457	2090	2091	0.0	0.4	0.0	1.0	0.0	1.9	0.0	6.6	8.5	1.3	9.8
62457	62823	2091	2092	0.0	0.4	0.0	1.0	0.0	1.9	0.0	6.6	8.5	1.3	9.9
62823	63188	2092	2093	0.0	0.4	0.0	1.0	0.0	1.9	0.0	6.6	8.6	1.3	9.9
63188	63553	2093	2094	0.0	0.4	0.0	1.0	0.0	2.0	0.0	6.6	8.6	1.3	9.9
63553	63918	2094	2095	0.0	0.4	0.0	1.0	0.0	2.0	0.0	6.6	8.6	1.4	10.0
63918	64284	2095	2096	0.0	0.4	0.0	1.0	0.0	2.0	0.0	6.7	8.6	1.4	10.0
64284	64649	2096	2097	0.0	0.4	0.0	1.0	0.0	2.0	0.0	6.7	8.7	1.4	10.1
64649	65014	2097	2098	0.0	0.4	0.0	1.0	0.0	2.0	0.0	6.7	8.7	1.4	10.1
65014	65379	2098	2099	0.0	0.4	0.0	1.0	0.0	2.1	0.0	6.7	8.7	1.4	10.1
65379	65745	2099	2100	0.0	0.4	0.0	1.0	0.0	2.1	0.0	6.7	8.8	1.4	10.2
65745	66110	2100	2101	0.0	0.4	0.0	1.0	0.0	2.1	0.0	6.7	8.8	1.4	10.2
66110	66475	2101	2102	0.0	0.4	0.0	1.0	0.0	2.1	0.0	6.7	8.8	1.4	10.3
66475	66840	2102	2103	0.0	0.4	0.0	1.0	0.0	2.1	0.0	6.7	8.9	1.4	10.3
66840	67206	2103	2104	0.0	0.4	0.0	1.0	0.0	2.2	0.0	6.7	8.9	1.4	10.3
67206	67571	2104	2105	0.0	0.4	0.0	1.0	0.0	2.2	0.0	6.7	8.9	1.4	10.4
67571	67936	2105	2106	0.0	0.4	0.0	1.0	0.0	2.2	0.0	6.7	8.9	1.5	10.4
67936	68301	2106	2107	0.0	0.4	0.0	1.0	0.0	2.2	0.0	6.7	9.0	1.5	10.4
68301	68667	2107	2108	0.0	0.4	0.0	1.0	0.0	2.2	0.0	6.8	9.0	1.5	10.5
68667	69032	2108	2109	0.0	0.4	0.0	1.1	0.0	2.3	0.0	6.8	9.0	1.5	10.5
69032	69397	2109	2110	0.0	0.4	0.0	1.1	0.0	2.3	0.0	6.8	9.0	1.5	10.5
		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 (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	679	455	347	181	372	342	98	*1740*	*734*	2474
3652	*7305*	1930	1940	574	411	296	135	314	303	46	*1487*	*592*	2079
7305	*14610*	1940	1960	593	419	305	144	322	307	58	*1527*	*620*	2147
14610	*18263*	1960	1970	845	569	1027	893	326	308	62	*2506*	*1523*	4030
18263	*21915*	1970	1980	869	581	1048	961	330	308	65	*2556*	*1607*	4162
21915	*24837*	1980	1988	877	585	1054	986	333	309	66	*2572*	*1637*	4209
24837	*25202*	1988	1989	877	585	1054	987	333	309	67	*2573*	*1639*	4212
25202	*25567*	1989	1990	877	585	1055	988	333	309	67	*2574*	*1640*	4214
25567	*25932*	1990	1991	878	585	1055	990	333	309	67	*2574*	*1642*	4216
25932	*26298*	1991	1992	878	586	1055	991	333	309	67	*2575*	*1643*	4218
26298	*26663*	1992	1993	878	586	1055	992	333	309	67	*2576*	*1644*	4220
26663	*27028*	1993	1994	879	586	1056	993	333	309	67	*2576*	*1645*	4222
27028	*27393*	1994	1995	879	586	1056	993	333	309	67	*2577*	*1647*	4223
27393	*27759*	1995	1996	880	586	1056	995	334	309	67	*2578*	*1649*	4227
27759	*28124*	1996	1997	880	587	1057	997	334	309	68	*2579*	*1651*	4231
28124	*28489*	1997	1998	881	587	1057	999	334	309	68	*2581*	*1654*	4234
28489	*28854*	1998	1999	881	587	1057	1001	334	309	68	*2582*	*1656*	4238
28854	*29220*	1999	2000	882	587	1058	1002	334	309	68	*2583*	*1658*	4240
29220	*29585*	2000	2001	882	587	1058	1004	334	309	68	*2584*	*1660*	4243
29585	*29950*	2001	2002	1053	700	1070	1022	349	309	118	*2781*	*1840*	4621
29950	*30315*	2002	2003	1143	769	1077	1031	355	309	150	*2885*	*1950*	4835
30315	*30681*	2003	2004	1199	813	1083	1037	358	309	170	*2950*	*2021*	4971
30681	*31046*	2004	2005	1238	844	1087	1042	360	309	185	*2995*	*2071*	5065
31046	*31411*	2005	2006	1266	866	1091	1046	362	310	196	*3028*	*2108*	5136
31411	*31776*	2006	2007	1288	884	1094	1050	363	310	205	*3054*	*2138*	5193
31776	*32142*	2007	2008	1305	898	1096	1053	364	310	212	*3075*	*2163*	5238
32142	*32507*	2008	2009	1319	910	1099	1056	365	310	218	*3092*	*2184*	5276
32507	*32872*	2009	2010	1330	920	1101	1059	366	310	224	*3106*	*2203*	5309
32872	*33237*	2010	2011	1340	929	1102	1061	366	310	229	*3118*	*2219*	5337
33237	*33603*	2011	2012	1348	937	1104	1063	367	310	233	*3128*	*2233*	5362
33603	*33968*	2012	2013	1355	943	1105	1065	367	310	237	*3138*	*2246*	5384
33968	*34333*	2013	2014	1361	949	1107	1068	368	310	241	*3146*	*2258*	5404
34333	*34698*	2014	2015	1367	955	1108	1069	368	310	245	*3153*	*2269*	5422
34698	*35064*	2015	2016	1372	960	1109	1071	369	310	248	*3159*	*2279*	5438
35064	*35429*	2016	2017	1376	964	1110	1073	369	310	251	*3165*	*2288*	5453
35429	*35794*	2017	2018	1380	968	1111	1075	369	310	253	*3170*	*2296*	5467
35794	*36159*	2018	2019	1383	972	1112	1077	370	310	256	*3175*	*2305*	5479
36159	*36525*	2019	2020	1386	976	1113	1078	370	310	258	*3179*	*2312*	5492
36525	*36890*	2020	2021	1389	979	1114	1079	370	310	260	*3183*	*2318*	5501
36890	*37255*	2021	2022	1391	982	1114	1081	371	310	262	*3187*	*2325*	5511
37255	*37620*	2022	2023	1394	984	1115	1082	371	310	264	*3190*	*2331*	5521
37620	*37986*	2023	2024	1396	987	1116	1084	371	310	266	*3193*	*2336*	5529
37986	*38351*	2024	2025	1398	989	1116	1085	371	311	267	*3196*	*2341*	5537

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 (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	1400	991	1117	1086	372	311	269	3199	2346	5545
38716	39081	2026	2027	1401	994	1117	1087	372	311	270	3201	2351	5552
39081	39447	2027	2028	1403	996	1118	1088	372	311	272	3203	2356	5559
39447	39812	2028	2029	1405	997	1118	1089	372	311	273	3206	2360	5566
39812	40177	2029	2030	1406	999	1119	1091	372	311	274	3208	2364	5572
40177	40542	2030	2031	1407	1001	1119	1092	373	311	276	3210	2368	5578
40542	40908	2031	2032	1409	1003	1120	1093	373	311	277	3212	2372	5584
40908	41273	2032	2033	1410	1004	1120	1094	373	311	278	3214	2376	5590
41273	41638	2033	2034	1411	1006	1120	1095	373	311	279	3216	2380	5595
41638	42003	2034	2035	1412	1007	1121	1096	373	311	280	3217	2383	5600
42003	42369	2035	2036	1413	1009	1121	1097	374	311	281	3219	2387	5606
42369	42734	2036	2037	1414	1010	1121	1098	374	311	282	3220	2389	5610
42734	43099	2037	2038	1415	1011	1122	1098	374	311	283	3221	2392	5614
43099	43464	2038	2039	1416	1012	1122	1099	374	311	284	3223	2396	5619
43464	43830	2039	2040	1417	1013	1122	1100	374	311	285	3224	2398	5623
43830	44195	2040	2041	1417	1015	1123	1101	374	311	286	3226	2401	5627
44195	44560	2041	2042	1418	1016	1123	1102	375	311	286	3227	2404	5630
44560	44925	2042	2043	1419	1017	1123	1103	375	311	287	3228	2407	5634
44925	45291	2043	2044	1420	1018	1124	1104	375	311	288	3229	2409	5638
45291	45656	2044	2045	1420	1019	1124	1104	375	311	289	3230	2412	5642
45656	46021	2045	2046	1421	1020	1124	1105	375	311	290	3231	2414	5645
46021	46386	2046	2047	1421	1020	1124	1106	375	311	290	3232	2416	5648
46386	46752	2047	2048	1422	1021	1124	1106	375	311	291	3233	2418	5651
46752	47117	2048	2049	1422	1022	1125	1107	376	311	291	3234	2420	5654
47117	47482	2049	2050	1423	1023	1125	1108	376	311	292	3235	2423	5658
47482	47847	2050	2051	1424	1024	1125	1109	376	311	293	3236	2425	5661
47847	48213	2051	2052	1424	1024	1125	1109	376	312	293	3237	2427	5664
48213	48578	2052	2053	1425	1025	1126	1110	376	312	294	3238	2429	5667
48578	48943	2053	2054	1425	1026	1126	1111	376	312	295	3238	2431	5669
48943	49308	2054	2055	1425	1027	1126	1111	376	312	295	3239	2433	5672
49308	49674	2055	2056	1426	1027	1126	1112	376	312	296	3240	2435	5675
49674	50039	2056	2057	1426	1028	1126	1113	377	312	296	3241	2437	5677
50039	50404	2057	2058	1427	1029	1126	1113	377	312	297	3242	2439	5680
50404	50769	2058	2059	1427	1029	1127	1114	377	312	297	3242	2440	5683
50769	51135	2059	2060	1428	1030	1127	1115	377	312	298	3243	2442	5685
51135	51500	2060	2061	1428	1030	1127	1115	377	312	298	3244	2444	5688
51500	51865	2061	2062	1428	1031	1127	1116	377	312	299	3244	2445	5690
51865	52230	2062	2063	1429	1032	1127	1116	377	312	299	3245	2447	5692
52230	52596	2063	2064	1429	1032	1127	1117	377	312	300	3245	2449	5694
52596	52961	2064	2065	1429	1033	1128	1118	377	312	300	3246	2450	5696
52961	53326	2065	2066	1430	1033	1128	1118	378	312	301	3247	2452	5698
53326	53691	2066	2067	1430	1034	1128	1119	378	312	301	3247	2453	5700

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 (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	1430	1034	1128	1119	378	312	301	3248	2454	5702
54057	54422	2068	2069	1430	1034	1128	1120	378	312	302	3248	2456	5704
54422	54787	2069	2070	1431	1035	1128	1120	378	312	302	3249	2457	5706
54787	55152	2070	2071	1431	1035	1128	1121	378	312	303	3249	2458	5707
55152	55518	2071	2072	1431	1036	1128	1121	378	312	303	3250	2460	5709
55518	55883	2072	2073	1431	1036	1129	1122	378	312	303	3250	2461	5711
55883	56248	2073	2074	1432	1037	1129	1122	378	312	304	3251	2462	5713
56248	56613	2074	2075	1432	1037	1129	1123	378	312	304	3251	2464	5715
56613	56979	2075	2076	1432	1037	1129	1123	378	312	304	3252	2465	5716
56979	57344	2076	2077	1432	1038	1129	1124	379	312	305	3252	2466	5718
57344	57709	2077	2078	1433	1038	1129	1124	379	312	305	3252	2467	5720
57709	58074	2078	2079	1433	1039	1129	1124	379	312	305	3253	2468	5721
58074	58440	2079	2080	1433	1039	1129	1125	379	312	306	3253	2469	5723
58440	58805	2080	2081	1433	1039	1129	1125	379	312	306	3254	2470	5724
58805	59170	2081	2082	1433	1039	1129	1126	379	312	306	3254	2471	5725
59170	59535	2082	2083	1434	1040	1129	1126	379	312	307	3254	2472	5726
59535	59901	2083	2084	1434	1040	1130	1126	379	312	307	3255	2473	5728
59901	60266	2084	2085	1434	1040	1130	1127	379	312	307	3255	2474	5729
60266	60631	2085	2086	1434	1041	1130	1127	379	312	307	3255	2475	5731
60631	60996	2086	2087	1434	1041	1130	1128	379	312	308	3256	2476	5732
60996	61362	2087	2088	1434	1041	1130	1128	379	312	308	3256	2477	5733
61362	61727	2088	2089	1435	1041	1130	1128	379	312	308	3256	2478	5734
61727	62092	2089	2090	1435	1042	1130	1128	379	312	308	3256	2478	5735
62092	62457	2090	2091	1435	1042	1130	1129	379	312	309	3257	2479	5736
62457	62823	2091	2092	1435	1042	1130	1129	379	312	309	3257	2480	5737
62823	63188	2092	2093	1435	1042	1130	1129	379	313	309	3257	2481	5738
63188	63553	2093	2094	1435	1042	1130	1130	380	313	309	3257	2481	5738
63553	63918	2094	2095	1435	1043	1130	1130	380	313	309	3258	2482	5739
63918	64284	2095	2096	1435	1043	1130	1130	380	313	310	3258	2483	5741
64284	64649	2096	2097	1436	1043	1130	1130	380	313	310	3258	2483	5741
64649	65014	2097	2098	1436	1043	1130	1131	380	313	310	3258	2484	5742
65014	65379	2098	2099	1436	1043	1131	1131	380	313	310	3259	2484	5743
65379	65745	2099	2100	1436	1044	1131	1131	380	313	310	3259	2485	5744
65745	66110	2100	2101	1436	1044	1131	1131	380	313	311	3259	2486	5745
66110	66475	2101	2102	1436	1044	1131	1132	380	313	311	3259	2486	5745
66475	66840	2102	2103	1436	1044	1131	1132	380	313	311	3259	2487	5746
66840	67206	2103	2104	1436	1044	1131	1132	380	313	311	3260	2487	5747
67206	67571	2104	2105	1436	1045	1131	1132	380	313	311	3260	2488	5748
67571	67936	2105	2106	1436	1045	1131	1133	380	313	311	3260	2489	5749
67936	68301	2106	2107	1437	1045	1131	1133	380	313	312	3260	2489	5749
68301	68667	2107	2108	1437	1045	1131	1133	380	313	312	3260	2490	5750
68667	69032	2108	2109	1437	1045	1131	1133	380	313	312	3260	2490	5751
69032	69397	2109	2110	1437	1045	1131	1133	380	313	312	3260	2490	5751

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 (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	8	0	0	0	19	0	399	***417***	***8***	**425**
3652	*7305*	1930	1940	0	9	0	0	0	21	0	399	***420***	***9***	**429**
7305	*14610*	1940	1960	0	9	0	0	0	21	0	400	***421***	***9***	**431**
14610	*18263*	1960	1970	0	14	0	0	0	22	0	400	***422***	***14***	**436**
18263	*21915*	1970	1980	0	15	0	0	0	22	0	400	***422***	***15***	**437**
21915	*24837*	1980	1988	0	15	0	0	0	22	0	400	***422***	***15***	**437**
24837	*25202*	1988	1989	0	15	0	0	0	22	0	400	***422***	***15***	**437**
25202	*25567*	1989	1990	0	15	0	0	0	22	0	400	***422***	***15***	**437**
25567	*25932*	1990	1991	0	15	0	0	0	22	0	400	***422***	***15***	**437**
25932	*26298*	1991	1992	0	15	0	0	0	22	0	400	***422***	***15***	**437**
26298	*26663*	1992	1993	0	15	0	0	0	22	0	400	***422***	***15***	**437**
26663	*27028*	1993	1994	0	15	0	0	0	22	0	400	***422***	***15***	**437**
27028	*27393*	1994	1995	0	15	0	0	0	22	0	400	***422***	***15***	**438**
27393	*27759*	1995	1996	0	16	0	0	0	22	0	400	***422***	***16***	**438**
27759	*28124*	1996	1997	0	16	0	0	0	22	0	400	***422***	***16***	**438**
28124	*28489*	1997	1998	0	16	0	0	0	22	0	400	***422***	***16***	**438**
28489	*28854*	1998	1999	0	16	0	0	0	22	0	400	***422***	***16***	**438**
28854	*29220*	1999	2000	0	16	0	0	0	22	0	400	***422***	***16***	**438**
29220	*29585*	2000	2001	0	16	0	0	0	22	0	400	***422***	***16***	**438**
29585	*29950*	2001	2002	0	54	0	47	0	22	0	643	***665***	***101***	**766**
29950	*30315*	2002	2003	0	92	0	73	0	22	0	678	***700***	***165***	**865**
30315	*30681*	2003	2004	0	118	0	94	1	22	0	693	***715***	***213***	**928**
30681	*31046*	2004	2005	0	137	0	112	1	22	0	700	***723***	***249***	**972**
31046	*31411*	2005	2006	0	151	0	126	1	22	0	704	***727***	***276***	**1004**
31411	*31776*	2006	2007	0	161	0	137	1	22	0	707	***730***	***298***	**1028**
31776	*32142*	2007	2008	0	170	0	146	1	22	0	708	***731***	***316***	**1047**
32142	*32507*	2008	2009	0	177	0	153	1	22	0	709	***732***	***330***	**1063**
32507	*32872*	2009	2010	0	183	0	160	1	22	0	710	***733***	***343***	**1076**
32872	*33237*	2010	2011	0	188	0	165	1	22	0	710	***734***	***353***	**1087**
33237	*33603*	2011	2012	0	193	0	170	2	22	0	711	***734***	***363***	**1097**
33603	*33968*	2012	2013	0	197	0	175	2	22	0	711	***734***	***371***	**1106**
33968	*34333*	2013	2014	0	200	0	179	2	22	0	711	***735***	***379***	**1114**
34333	*34698*	2014	2015	0	203	0	182	2	22	0	711	***735***	***386***	**1121**
34698	*35064*	2015	2016	0	206	0	186	2	22	0	711	***735***	***392***	**1127**
35064	*35429*	2016	2017	0	209	0	189	2	22	0	712	***735***	***397***	**1133**
35429	*35794*	2017	2018	0	211	0	191	2	22	0	712	***735***	***402***	**1138**
35794	*36159*	2018	2019	0	213	0	194	2	22	0	712	***735***	***407***	**1143**
36159	*36525*	2019	2020	0	215	0	196	2	22	0	712	***736***	***411***	**1147**
36525	*36890*	2020	2021	0	217	0	198	2	22	0	712	***736***	***415***	**1151**
36890	*37255*	2021	2022	0	218	0	200	2	22	0	712	***736***	***419***	**1154**
37255	*37620*	2022	2023	0	220	0	202	2	22	0	712	***736***	***422***	**1158**
37620	*37986*	2023	2024	0	221	0	204	2	22	0	712	***736***	***425***	**1161**
37986	*38351*	2024	2025	0	223	0	205	2	22	0	712	***736***	***428***	**1164**

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)	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	224	0	207	2	22	0	712	736	431	1167
38716	39081	2026	2027	0	225	0	208	2	22	0	712	736	433	1169
39081	39447	2027	2028	0	226	0	209	2	22	0	712	736	436	1172
39447	39812	2028	2029	0	227	0	211	2	22	0	712	736	438	1174
39812	40177	2029	2030	0	228	0	212	2	22	0	712	736	440	1176
40177	40542	2030	2031	0	229	0	213	2	22	0	712	736	442	1179
40542	40908	2031	2032	0	230	0	214	2	22	0	712	736	444	1181
40908	41273	2032	2033	0	231	0	215	2	22	0	712	736	446	1183
41273	41638	2033	2034	0	232	0	216	2	22	0	712	736	448	1185
41638	42003	2034	2035	0	233	0	217	2	22	0	712	736	450	1186
42003	42369	2035	2036	0	234	0	218	2	22	0	712	736	452	1188
42369	42734	2036	2037	0	234	0	219	2	22	0	712	737	453	1190
42734	43099	2037	2038	0	235	0	220	2	22	0	712	737	454	1191
43099	43464	2038	2039	0	236	0	220	2	22	0	712	737	456	1193
43464	43830	2039	2040	0	236	0	221	2	22	0	712	737	457	1194
43830	44195	2040	2041	0	237	1	222	2	22	0	712	737	459	1196
44195	44560	2041	2042	0	238	1	223	2	22	0	712	737	460	1197
44560	44925	2042	2043	0	238	1	223	2	22	0	712	737	461	1198
44925	45291	2043	2044	0	239	1	224	2	22	0	712	737	463	1200
45291	45656	2044	2045	0	239	1	225	2	22	0	712	737	464	1201
45656	46021	2045	2046	0	240	1	225	2	22	0	712	737	465	1202
46021	46386	2046	2047	0	240	1	226	2	22	0	712	737	466	1203
46386	46752	2047	2048	0	241	1	226	2	22	0	712	737	467	1204
46752	47117	2048	2049	0	241	1	227	2	22	0	712	737	468	1205
47117	47482	2049	2050	0	242	1	227	2	22	0	712	737	469	1206
47482	47847	2050	2051	0	242	1	228	2	22	0	712	737	470	1207
47847	48213	2051	2052	0	243	1	229	2	22	0	712	737	471	1208
48213	48578	2052	2053	0	243	1	229	2	22	0	712	737	472	1209
48578	48943	2053	2054	0	243	1	229	2	22	0	712	737	473	1210
48943	49308	2054	2055	0	244	1	230	2	22	0	712	737	474	1211
49308	49674	2055	2056	0	244	1	230	2	22	0	712	737	475	1212
49674	50039	2056	2057	0	245	1	231	2	22	0	712	737	476	1213
50039	50404	2057	2058	0	245	1	231	2	22	0	712	737	476	1214
50404	50769	2058	2059	0	245	1	232	2	22	0	712	737	477	1214
50769	51135	2059	2060	0	246	1	232	2	22	0	712	737	478	1215
51135	51500	2060	2061	0	246	1	233	2	22	0	712	737	479	1216
51500	51865	2061	2062	0	246	1	233	2	22	0	712	737	479	1217
51865	52230	2062	2063	0	247	1	233	2	22	0	712	737	480	1217
52230	52596	2063	2064	0	247	1	234	2	22	0	712	737	481	1218
52596	52961	2064	2065	0	247	1	234	2	22	0	712	737	481	1219
52961	53326	2065	2066	0	248	1	234	2	22	0	712	737	482	1220
53326	53691	2066	2067	0	248	1	235	2	22	0	712	737	483	1220

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)	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	248	1	235	2	22	0	712	738	483	1221
54057	54422	2068	2069	0	248	1	235	2	22	0	712	738	484	1221
54422	54787	2069	2070	0	249	1	236	2	22	0	712	738	484	1222
54787	55152	2070	2071	0	249	1	236	2	22	0	712	738	485	1222
55152	55518	2071	2072	0	249	1	236	2	22	0	712	738	485	1223
55518	55883	2072	2073	0	249	1	237	3	22	0	712	738	486	1224
55883	56248	2073	2074	0	250	1	237	3	22	0	712	738	487	1224
56248	56613	2074	2075	0	250	1	237	3	22	0	712	738	487	1225
56613	56979	2075	2076	0	250	1	237	3	22	0	712	738	488	1225
56979	57344	2076	2077	0	250	1	238	3	22	0	712	738	488	1226
57344	57709	2077	2078	0	251	1	238	3	22	0	712	738	489	1226
57709	58074	2078	2079	0	251	1	238	3	22	0	712	738	489	1227
58074	58440	2079	2080	0	251	1	239	3	22	0	712	738	490	1227
58440	58805	2080	2081	0	251	1	239	3	22	0	712	738	490	1228
58805	59170	2081	2082	0	251	1	239	3	22	0	712	738	490	1228
59170	59535	2082	2083	0	252	1	239	3	22	0	712	738	491	1228
59535	59901	2083	2084	0	252	1	239	3	22	0	712	738	491	1229
59901	60266	2084	2085	0	252	1	240	3	22	0	712	738	492	1229
60266	60631	2085	2086	0	252	1	240	3	22	0	712	738	492	1230
60631	60996	2086	2087	0	252	1	240	3	22	0	712	738	492	1230
60996	61362	2087	2088	0	252	1	240	3	22	0	712	738	493	1230
61362	61727	2088	2089	0	253	1	240	3	22	0	712	738	493	1231
61727	62092	2089	2090	0	253	1	241	3	22	0	712	738	493	1231
62092	62457	2090	2091	0	253	1	241	3	22	0	712	738	493	1231
62457	62823	2091	2092	0	253	1	241	3	22	0	712	738	494	1232
62823	63188	2092	2093	0	253	1	241	3	22	0	712	738	494	1232
63188	63553	2093	2094	0	253	1	241	3	22	0	712	738	494	1232
63553	63918	2094	2095	0	253	1	241	3	22	0	712	738	495	1232
63918	64284	2095	2096	0	253	1	241	3	22	0	712	738	495	1233
64284	64649	2096	2097	0	254	1	242	3	22	0	712	738	495	1233
64649	65014	2097	2098	0	254	1	242	3	22	0	712	738	495	1233
65014	65379	2098	2099	0	254	1	242	3	22	0	712	738	496	1234
65379	65745	2099	2100	0	254	1	242	3	22	0	712	738	496	1234
65745	66110	2100	2101	0	254	1	242	3	22	0	712	738	496	1234
66110	66475	2101	2102	0	254	1	242	3	22	0	712	738	496	1234
66475	66840	2102	2103	0	254	1	242	3	22	0	712	738	497	1235
66840	67206	2103	2104	0	254	1	243	3	22	0	712	738	497	1235
67206	67571	2104	2105	0	254	1	243	3	22	0	712	738	497	1235
67571	67936	2105	2106	0	254	1	243	3	22	0	712	738	497	1235
67936	68301	2106	2107	0	255	1	243	3	22	0	712	738	497	1236
68301	68667	2107	2108	0	255	1	243	3	22	0	712	738	498	1236
68667	69032	2108	2109	0	255	1	243	3	22	0	712	738	498	1236
69032	69397	2109	2110	0	255	1	243	3	22	0	712	738	498	1236

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	3652	1920	1930	3.4	2.3	2.4	1.8	3.7	2.4	0.6	11.9	4.7	16.6
3652	7305	1930	1940	2.9	2.1	2.1	1.3	3.1	2.1	0.3	10.2	3.7	13.9
7305	14610	1940	1960	3.0	2.1	2.1	1.4	3.2	2.2	0.3	10.5	3.9	14.3
14610	18263	1960	1970	4.2	2.8	7.2	8.9	3.3	2.2	0.4	16.8	12.1	29.0
18263	21915	1970	1980	4.3	2.9	7.3	9.6	3.3	2.2	0.4	17.1	12.9	30.0
21915	24837	1980	1988	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.2	13.2	30.4
24837	25202	1988	1989	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
25202	25567	1989	1990	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
25567	25932	1990	1991	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
25932	26298	1991	1992	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
26298	26663	1992	1993	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
26663	27028	1993	1994	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.3	30.5
27028	27393	1994	1995	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.3	30.5
27393	27759	1995	1996	4.4	2.9	7.4	10.0	3.3	2.2	0.4	17.3	13.3	30.6
27759	28124	1996	1997	4.4	2.9	7.4	10.0	3.3	2.2	0.4	17.3	13.3	30.6
28124	28489	1997	1998	4.4	2.9	7.4	10.0	3.3	2.2	0.4	17.3	13.3	30.6
28489	28854	1998	1999	4.4	2.9	7.4	10.0	3.3	2.2	0.4	17.3	13.4	30.7
28854	29220	1999	2000	4.4	2.9	7.4	10.0	3.3	2.2	0.4	17.3	13.4	30.7
29220	29585	2000	2001	4.4	2.9	7.4	10.0	3.3	2.2	0.4	17.3	13.4	30.7
29585	29950	2001	2002	5.3	3.5	7.5	10.2	3.5	2.2	0.7	18.4	14.4	32.8
29950	30315	2002	2003	5.7	3.8	7.5	10.3	3.5	2.2	0.9	19.0	15.1	34.0
30315	30681	2003	2004	6.0	4.1	7.6	10.4	3.6	2.2	1.0	19.3	15.5	34.8
30681	31046	2004	2005	6.2	4.2	7.6	10.4	3.6	2.2	1.1	19.6	15.7	35.3
31046	31411	2005	2006	6.3	4.3	7.6	10.5	3.6	2.2	1.2	19.7	16.0	35.7
31411	31776	2006	2007	6.4	4.4	7.7	10.5	3.6	2.2	1.2	19.9	16.1	36.0
31776	32142	2007	2008	6.5	4.5	7.7	10.5	3.6	2.2	1.3	20.0	16.3	36.3
32142	32507	2008	2009	6.6	4.6	7.7	10.6	3.6	2.2	1.3	20.1	16.4	36.5
32507	32872	2009	2010	6.7	4.6	7.7	10.6	3.7	2.2	1.3	20.2	16.5	36.7
32872	33237	2010	2011	6.7	4.6	7.7	10.6	3.7	2.2	1.4	20.2	16.6	36.9
33237	33603	2011	2012	6.7	4.7	7.7	10.6	3.7	2.2	1.4	20.3	16.7	37.0
33603	33968	2012	2013	6.8	4.7	7.7	10.7	3.7	2.2	1.4	20.4	16.8	37.2
33968	34333	2013	2014	6.8	4.7	7.7	10.7	3.7	2.2	1.4	20.4	16.9	37.3
34333	34698	2014	2015	6.8	4.8	7.8	10.7	3.7	2.2	1.5	20.4	16.9	37.4
34698	35064	2015	2016	6.9	4.8	7.8	10.7	3.7	2.2	1.5	20.5	17.0	37.5
35064	35429	2016	2017	6.9	4.8	7.8	10.7	3.7	2.2	1.5	20.5	17.1	37.6
35429	35794	2017	2018	6.9	4.8	7.8	10.7	3.7	2.2	1.5	20.5	17.1	37.6
35794	36159	2018	2019	6.9	4.9	7.8	10.8	3.7	2.2	1.5	20.6	17.2	37.7
36159	36525	2019	2020	6.9	4.9	7.8	10.8	3.7	2.2	1.5	20.6	17.2	37.8
36525	36890	2020	2021	6.9	4.9	7.8	10.8	3.7	2.2	1.6	20.6	17.2	37.9
36890	37255	2021	2022	7.0	4.9	7.8	10.8	3.7	2.2	1.6	20.6	17.3	37.9
37255	37620	2022	2023	7.0	4.9	7.8	10.8	3.7	2.2	1.6	20.7	17.3	38.0
37620	37986	2023	2024	7.0	4.9	7.8	10.8	3.7	2.2	1.6	20.7	17.4	38.0
37986	38351	2024	2025	7.0	4.9	7.8	10.8	3.7	2.2	1.6	20.7	17.4	38.1

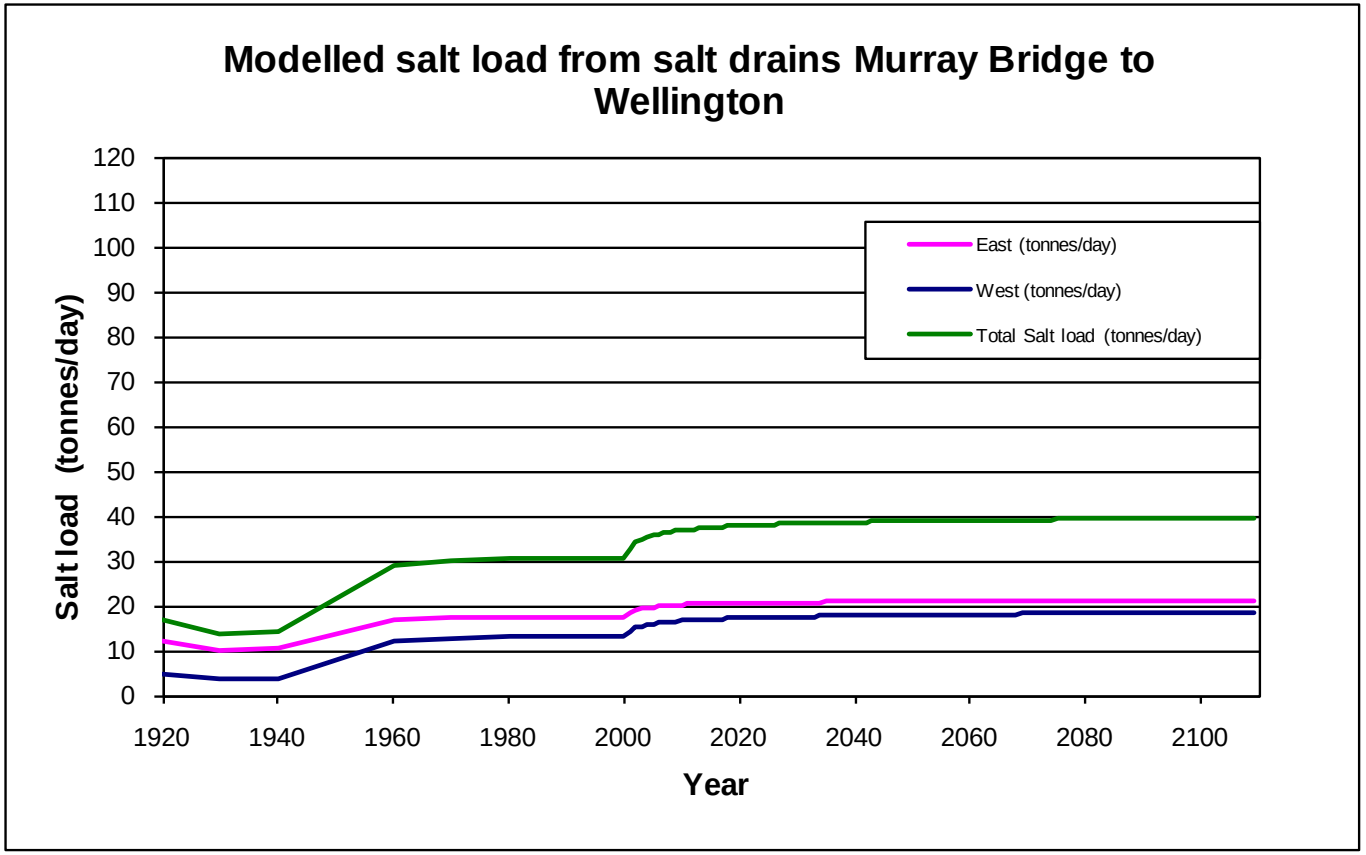
B-6(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3a) (highland to salt drains)

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	7.0	5.0	7.8	10.9	3.7	2.2	1.6	20.7	17.4	38.1
38716	39081	2026	2027	7.0	5.0	7.8	10.9	3.7	2.2	1.6	20.7	17.5	38.2
39081	39447	2027	2028	7.0	5.0	7.8	10.9	3.7	2.2	1.6	20.7	17.5	38.2
39447	39812	2028	2029	7.0	5.0	7.8	10.9	3.7	2.2	1.6	20.7	17.5	38.3
39812	40177	2029	2030	7.0	5.0	7.8	10.9	3.7	2.2	1.6	20.8	17.5	38.3
40177	40542	2030	2031	7.0	5.0	7.8	10.9	3.7	2.2	1.7	20.8	17.6	38.3
40542	40908	2031	2032	7.0	5.0	7.8	10.9	3.7	2.2	1.7	20.8	17.6	38.4
40908	41273	2032	2033	7.0	5.0	7.8	10.9	3.7	2.2	1.7	20.8	17.6	38.4
41273	41638	2033	2034	7.1	5.0	7.8	10.9	3.7	2.2	1.7	20.8	17.7	38.5
41638	42003	2034	2035	7.1	5.0	7.8	11.0	3.7	2.2	1.7	20.8	17.7	38.5
42003	42369	2035	2036	7.1	5.0	7.8	11.0	3.7	2.2	1.7	20.8	17.7	38.5
42369	42734	2036	2037	7.1	5.0	7.8	11.0	3.7	2.2	1.7	20.8	17.7	38.6
42734	43099	2037	2038	7.1	5.1	7.9	11.0	3.7	2.2	1.7	20.8	17.7	38.6
43099	43464	2038	2039	7.1	5.1	7.9	11.0	3.7	2.2	1.7	20.9	17.8	38.6
43464	43830	2039	2040	7.1	5.1	7.9	11.0	3.7	2.2	1.7	20.9	17.8	38.6
43830	44195	2040	2041	7.1	5.1	7.9	11.0	3.7	2.2	1.7	20.9	17.8	38.7
44195	44560	2041	2042	7.1	5.1	7.9	11.0	3.7	2.2	1.7	20.9	17.8	38.7
44560	44925	2042	2043	7.1	5.1	7.9	11.0	3.7	2.2	1.7	20.9	17.8	38.7
44925	45291	2043	2044	7.1	5.1	7.9	11.0	3.7	2.2	1.7	20.9	17.9	38.7
45291	45656	2044	2045	7.1	5.1	7.9	11.0	3.8	2.2	1.7	20.9	17.9	38.8
45656	46021	2045	2046	7.1	5.1	7.9	11.1	3.8	2.2	1.7	20.9	17.9	38.8
46021	46386	2046	2047	7.1	5.1	7.9	11.1	3.8	2.2	1.7	20.9	17.9	38.8
46386	46752	2047	2048	7.1	5.1	7.9	11.1	3.8	2.2	1.7	20.9	17.9	38.8
46752	47117	2048	2049	7.1	5.1	7.9	11.1	3.8	2.2	1.7	20.9	17.9	38.8
47117	47482	2049	2050	7.1	5.1	7.9	11.1	3.8	2.2	1.8	20.9	17.9	38.9
47482	47847	2050	2051	7.1	5.1	7.9	11.1	3.8	2.2	1.8	20.9	18.0	38.9
47847	48213	2051	2052	7.1	5.1	7.9	11.1	3.8	2.2	1.8	20.9	18.0	38.9
48213	48578	2052	2053	7.1	5.1	7.9	11.1	3.8	2.2	1.8	20.9	18.0	38.9
48578	48943	2053	2054	7.1	5.1	7.9	11.1	3.8	2.2	1.8	20.9	18.0	38.9
48943	49308	2054	2055	7.1	5.1	7.9	11.1	3.8	2.2	1.8	21.0	18.0	39.0
49308	49674	2055	2056	7.1	5.1	7.9	11.1	3.8	2.2	1.8	21.0	18.0	39.0
49674	50039	2056	2057	7.1	5.1	7.9	11.1	3.8	2.2	1.8	21.0	18.0	39.0
50039	50404	2057	2058	7.1	5.1	7.9	11.1	3.8	2.2	1.8	21.0	18.1	39.0
50404	50769	2058	2059	7.1	5.1	7.9	11.1	3.8	2.2	1.8	21.0	18.1	39.0
50769	51135	2059	2060	7.1	5.1	7.9	11.1	3.8	2.2	1.8	21.0	18.1	39.1
51135	51500	2060	2061	7.1	5.2	7.9	11.2	3.8	2.2	1.8	21.0	18.1	39.1
51500	51865	2061	2062	7.1	5.2	7.9	11.2	3.8	2.2	1.8	21.0	18.1	39.1
51865	52230	2062	2063	7.1	5.2	7.9	11.2	3.8	2.2	1.8	21.0	18.1	39.1
52230	52596	2063	2064	7.1	5.2	7.9	11.2	3.8	2.2	1.8	21.0	18.1	39.1
52596	52961	2064	2065	7.1	5.2	7.9	11.2	3.8	2.2	1.8	21.0	18.1	39.1
52961	53326	2065	2066	7.1	5.2	7.9	11.2	3.8	2.2	1.8	21.0	18.1	39.1
53326	53691	2066	2067	7.1	5.2	7.9	11.2	3.8	2.2	1.8	21.0	18.2	39.2

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)
53691	54057	2067	2068	7.2	5.2	7.9	11.2	3.8	2.2	1.8	21.0	18.2	39.2
54057	54422	2068	2069	7.2	5.2	7.9	11.2	3.8	2.2	1.8	21.0	18.2	39.2
54422	54787	2069	2070	7.2	5.2	7.9	11.2	3.8	2.2	1.8	21.0	18.2	39.2
54787	55152	2070	2071	7.2	5.2	7.9	11.2	3.8	2.2	1.8	21.0	18.2	39.2
55152	55518	2071	2072	7.2	5.2	7.9	11.2	3.8	2.2	1.8	21.0	18.2	39.2
55518	55883	2072	2073	7.2	5.2	7.9	11.2	3.8	2.2	1.8	21.0	18.2	39.2
55883	56248	2073	2074	7.2	5.2	7.9	11.2	3.8	2.2	1.8	21.0	18.2	39.2
56248	56613	2074	2075	7.2	5.2	7.9	11.2	3.8	2.2	1.8	21.0	18.2	39.3
56613	56979	2075	2076	7.2	5.2	7.9	11.2	3.8	2.2	1.8	21.0	18.2	39.3
56979	57344	2076	2077	7.2	5.2	7.9	11.2	3.8	2.2	1.8	21.0	18.3	39.3
57344	57709	2077	2078	7.2	5.2	7.9	11.2	3.8	2.2	1.8	21.0	18.3	39.3
57709	58074	2078	2079	7.2	5.2	7.9	11.2	3.8	2.2	1.8	21.0	18.3	39.3
58074	58440	2079	2080	7.2	5.2	7.9	11.2	3.8	2.2	1.8	21.0	18.3	39.3
58440	58805	2080	2081	7.2	5.2	7.9	11.3	3.8	2.2	1.8	21.0	18.3	39.3
58805	59170	2081	2082	7.2	5.2	7.9	11.3	3.8	2.2	1.8	21.0	18.3	39.3
59170	59535	2082	2083	7.2	5.2	7.9	11.3	3.8	2.2	1.8	21.0	18.3	39.3
59535	59901	2083	2084	7.2	5.2	7.9	11.3	3.8	2.2	1.8	21.1	18.3	39.4
59901	60266	2084	2085	7.2	5.2	7.9	11.3	3.8	2.2	1.8	21.1	18.3	39.4
60266	60631	2085	2086	7.2	5.2	7.9	11.3	3.8	2.2	1.8	21.1	18.3	39.4
60631	60996	2086	2087	7.2	5.2	7.9	11.3	3.8	2.2	1.8	21.1	18.3	39.4
60996	61362	2087	2088	7.2	5.2	7.9	11.3	3.8	2.2	1.8	21.1	18.3	39.4
61362	61727	2088	2089	7.2	5.2	7.9	11.3	3.8	2.2	1.8	21.1	18.3	39.4
61727	62092	2089	2090	7.2	5.2	7.9	11.3	3.8	2.2	1.9	21.1	18.3	39.4
62092	62457	2090	2091	7.2	5.2	7.9	11.3	3.8	2.2	1.9	21.1	18.3	39.4
62457	62823	2091	2092	7.2	5.2	7.9	11.3	3.8	2.2	1.9	21.1	18.4	39.4
62823	63188	2092	2093	7.2	5.2	7.9	11.3	3.8	2.2	1.9	21.1	18.4	39.4
63188	63553	2093	2094	7.2	5.2	7.9	11.3	3.8	2.2	1.9	21.1	18.4	39.4
63553	63918	2094	2095	7.2	5.2	7.9	11.3	3.8	2.2	1.9	21.1	18.4	39.4
63918	64284	2095	2096	7.2	5.2	7.9	11.3	3.8	2.2	1.9	21.1	18.4	39.4
64284	64649	2096	2097	7.2	5.2	7.9	11.3	3.8	2.2	1.9	21.1	18.4	39.5
64649	65014	2097	2098	7.2	5.2	7.9	11.3	3.8	2.2	1.9	21.1	18.4	39.5
65014	65379	2098	2099	7.2	5.2	7.9	11.3	3.8	2.2	1.9	21.1	18.4	39.5
65379	65745	2099	2100	7.2	5.2	7.9	11.3	3.8	2.2	1.9	21.1	18.4	39.5
65745	66110	2100	2101	7.2	5.2	7.9	11.3	3.8	2.2	1.9	21.1	18.4	39.5
66110	66475	2101	2102	7.2	5.2	7.9	11.3	3.8	2.2	1.9	21.1	18.4	39.5
66475	66840	2102	2103	7.2	5.2	7.9	11.3	3.8	2.2	1.9	21.1	18.4	39.5
66840	67206	2103	2104	7.2	5.2	7.9	11.3	3.8	2.2	1.9	21.1	18.4	39.5
67206	67571	2104	2105	7.2	5.2	7.9	11.3	3.8	2.2	1.9	21.1	18.4	39.5
67571	67936	2105	2106	7.2	5.2	7.9	11.3	3.8	2.2	1.9	21.1	18.4	39.5
67936	68301	2106	2107	7.2	5.2	7.9	11.3	3.8	2.2	1.9	21.1	18.4	39.5
68301	68667	2107	2108	7.2	5.2	7.9	11.3	3.8	2.2	1.9	21.1	18.4	39.5
68667	69032	2108	2109	7.2	5.2	7.9	11.3	3.8	2.2	1.9	21.1	18.4	39.5
69032	69397	2109	2110	7.2	5.2	7.9	11.3	3.8	2.2	1.9	21.1	18.4	39.5
		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	*3652*	1920	1930	0.0	0.0	0.0	0.0	0.0	0.1	0.0	2.4	***2.5***	***0.0***	2.6
3652	*7305*	1930	1940	0.0	0.0	0.0	0.0	0.0	0.1	0.0	2.4	***2.5***	***0.0***	2.6
7305	*14610*	1940	1960	0.0	0.0	0.0	0.0	0.0	0.1	0.0	2.4	***2.5***	***0.0***	2.6
14610	*18263*	1960	1970	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
18263	*21915*	1970	1980	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
21915	*24837*	1980	1988	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
24837	*25202*	1988	1989	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
25202	*25567*	1989	1990	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
25567	*25932*	1990	1991	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
25932	*26298*	1991	1992	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
26298	*26663*	1992	1993	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
26663	*27028*	1993	1994	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
27028	*27393*	1994	1995	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
27393	*27759*	1995	1996	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
27759	*28124*	1996	1997	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
28124	*28489*	1997	1998	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
28489	*28854*	1998	1999	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
28854	*29220*	1999	2000	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
29220	*29585*	2000	2001	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
29585	*29950*	2001	2002	0.0	0.3	0.0	0.5	0.0	0.2	0.0	3.9	***4.0***	***0.7***	4.7
29950	*30315*	2002	2003	0.0	0.5	0.0	0.7	0.0	0.2	0.0	4.1	***4.2***	***1.2***	5.4
30315	*30681*	2003	2004	0.0	0.6	0.0	0.9	0.0	0.2	0.0	4.2	***4.3***	***1.5***	5.8
30681	*31046*	2004	2005	0.0	0.7	0.0	1.1	0.0	0.2	0.0	4.2	***4.4***	***1.8***	6.2
31046	*31411*	2005	2006	0.0	0.8	0.0	1.3	0.0	0.2	0.0	4.2	***4.4***	***2.0***	6.4
31411	*31776*	2006	2007	0.0	0.8	0.0	1.4	0.0	0.2	0.0	4.2	***4.4***	***2.2***	6.6
31776	*32142*	2007	2008	0.0	0.9	0.0	1.5	0.0	0.2	0.0	4.2	***4.4***	***2.3***	6.7
32142	*32507*	2008	2009	0.0	0.9	0.0	1.5	0.0	0.2	0.0	4.3	***4.4***	***2.4***	6.8
32507	*32872*	2009	2010	0.0	0.9	0.0	1.6	0.0	0.2	0.0	4.3	***4.4***	***2.5***	6.9
32872	*33237*	2010	2011	0.0	0.9	0.0	1.7	0.0	0.2	0.0	4.3	***4.4***	***2.6***	7.0
33237	*33603*	2011	2012	0.0	1.0	0.0	1.7	0.0	0.2	0.0	4.3	***4.4***	***2.7***	7.1
33603	*33968*	2012	2013	0.0	1.0	0.0	1.7	0.0	0.2	0.0	4.3	***4.4***	***2.7***	7.2
33968	*34333*	2013	2014	0.0	1.0	0.0	1.8	0.0	0.2	0.0	4.3	***4.4***	***2.8***	7.2
34333	*34698*	2014	2015	0.0	1.0	0.0	1.8	0.0	0.2	0.0	4.3	***4.4***	***2.8***	7.3
34698	*35064*	2015	2016	0.0	1.0	0.0	1.9	0.0	0.2	0.0	4.3	***4.4***	***2.9***	7.3
35064	*35429*	2016	2017	0.0	1.0	0.0	1.9	0.0	0.2	0.0	4.3	***4.4***	***2.9***	7.4
35429	*35794*	2017	2018	0.0	1.1	0.0	1.9	0.0	0.2	0.0	4.3	***4.4***	***3.0***	7.4
35794	*36159*	2018	2019	0.0	1.1	0.0	1.9	0.0	0.2	0.0	4.3	***4.4***	***3.0***	7.4
36159	*36525*	2019	2020	0.0	1.1	0.0	2.0	0.0	0.2	0.0	4.3	***4.4***	***3.0***	7.5
36525	*36890*	2020	2021	0.0	1.1	0.0	2.0	0.0	0.2	0.0	4.3	***4.4***	***3.1***	7.5
36890	*37255*	2021	2022	0.0	1.1	0.0	2.0	0.0	0.2	0.0	4.3	***4.4***	***3.1***	7.5
37255	*37620*	2022	2023	0.0	1.1	0.0	2.0	0.0	0.2	0.0	4.3	***4.4***	***3.1***	7.6
37620	*37986*	2023	2024	0.0	1.1	0.0	2.0	0.0	0.2	0.0	4.3	***4.4***	***3.1***	7.6
37986	*38351*	2024	2025	0.0	1.1	0.0	2.1	0.0	0.2	0.0	4.3	***4.4***	***3.2***	7.6

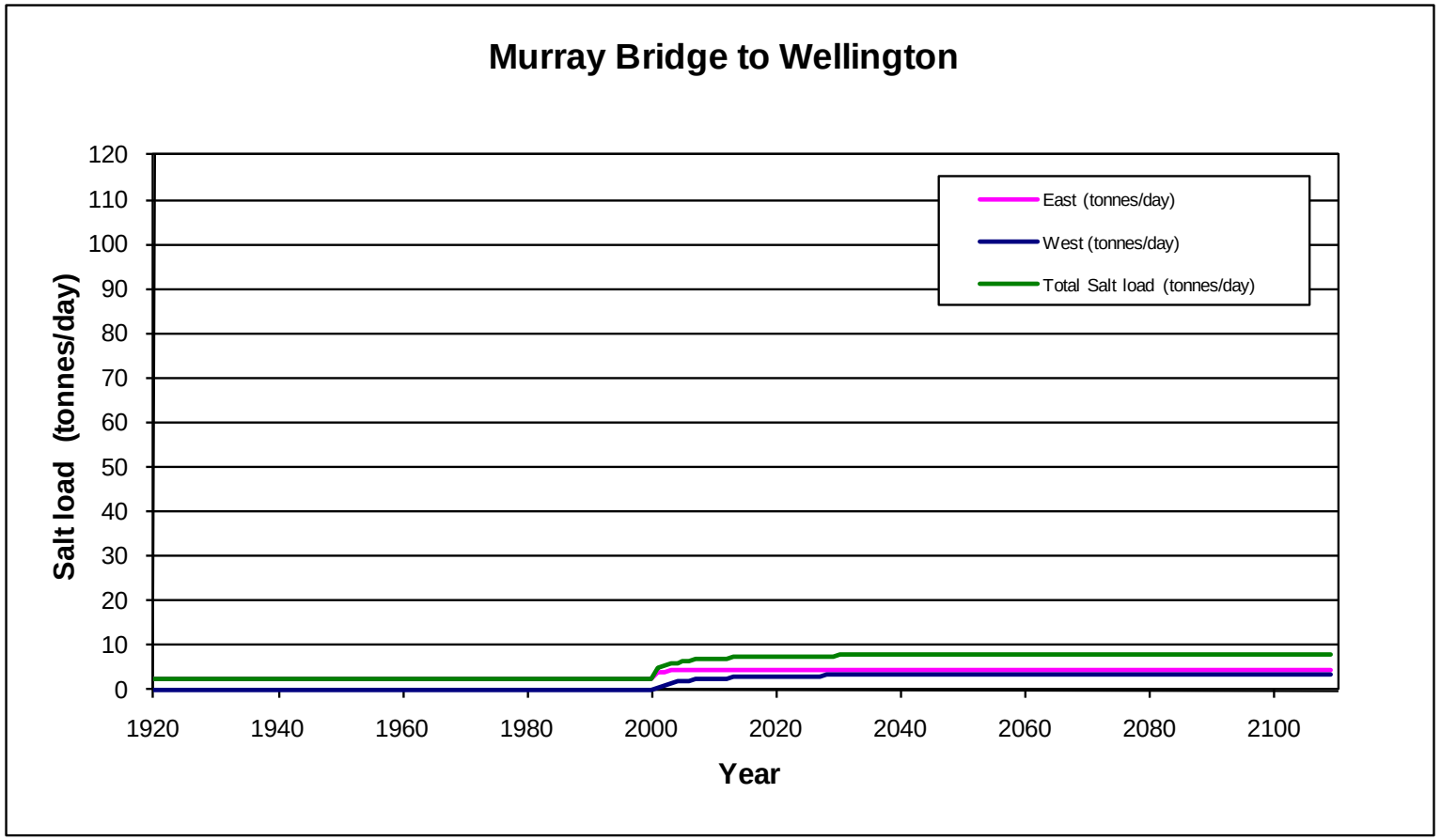
B-6(S3a). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3a) (floodplain to river)

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	1.1	0.0	2.1	0.0	0.2	0.0	4.3	4.4	3.2	7.6
38716	39081	2026	2027	0.0	1.1	0.0	2.1	0.0	0.2	0.0	4.3	4.4	3.2	7.7
39081	39447	2027	2028	0.0	1.1	0.0	2.1	0.0	0.2	0.0	4.3	4.4	3.2	7.7
39447	39812	2028	2029	0.0	1.1	0.0	2.1	0.0	0.2	0.0	4.3	4.4	3.2	7.7
39812	40177	2029	2030	0.0	1.1	0.0	2.1	0.0	0.2	0.0	4.3	4.4	3.3	7.7
40177	40542	2030	2031	0.0	1.1	0.0	2.1	0.0	0.2	0.0	4.3	4.4	3.3	7.7
40542	40908	2031	2032	0.0	1.2	0.0	2.1	0.0	0.2	0.0	4.3	4.4	3.3	7.7
40908	41273	2032	2033	0.0	1.2	0.0	2.2	0.0	0.2	0.0	4.3	4.4	3.3	7.8
41273	41638	2033	2034	0.0	1.2	0.0	2.2	0.0	0.2	0.0	4.3	4.4	3.3	7.8
41638	42003	2034	2035	0.0	1.2	0.0	2.2	0.0	0.2	0.0	4.3	4.4	3.3	7.8
42003	42369	2035	2036	0.0	1.2	0.0	2.2	0.0	0.2	0.0	4.3	4.4	3.3	7.8
42369	42734	2036	2037	0.0	1.2	0.0	2.2	0.0	0.2	0.0	4.3	4.4	3.4	7.8
42734	43099	2037	2038	0.0	1.2	0.0	2.2	0.0	0.2	0.0	4.3	4.4	3.4	7.8
43099	43464	2038	2039	0.0	1.2	0.0	2.2	0.0	0.2	0.0	4.3	4.5	3.4	7.8
43464	43830	2039	2040	0.0	1.2	0.0	2.2	0.0	0.2	0.0	4.3	4.5	3.4	7.8
43830	44195	2040	2041	0.0	1.2	0.0	2.2	0.0	0.2	0.0	4.3	4.5	3.4	7.9
44195	44560	2041	2042	0.0	1.2	0.0	2.2	0.0	0.2	0.0	4.3	4.5	3.4	7.9
44560	44925	2042	2043	0.0	1.2	0.0	2.2	0.0	0.2	0.0	4.3	4.5	3.4	7.9
44925	45291	2043	2044	0.0	1.2	0.0	2.2	0.0	0.2	0.0	4.3	4.5	3.4	7.9
45291	45656	2044	2045	0.0	1.2	0.0	2.2	0.0	0.2	0.0	4.3	4.5	3.4	7.9
45656	46021	2045	2046	0.0	1.2	0.0	2.3	0.0	0.2	0.0	4.3	4.5	3.5	7.9
46021	46386	2046	2047	0.0	1.2	0.0	2.3	0.0	0.2	0.0	4.3	4.5	3.5	7.9
46386	46752	2047	2048	0.0	1.2	0.0	2.3	0.0	0.2	0.0	4.3	4.5	3.5	7.9
46752	47117	2048	2049	0.0	1.2	0.0	2.3	0.0	0.2	0.0	4.3	4.5	3.5	7.9
47117	47482	2049	2050	0.0	1.2	0.0	2.3	0.0	0.2	0.0	4.3	4.5	3.5	7.9
47482	47847	2050	2051	0.0	1.2	0.0	2.3	0.0	0.2	0.0	4.3	4.5	3.5	7.9
47847	48213	2051	2052	0.0	1.2	0.0	2.3	0.0	0.2	0.0	4.3	4.5	3.5	8.0
48213	48578	2052	2053	0.0	1.2	0.0	2.3	0.0	0.2	0.0	4.3	4.5	3.5	8.0
48578	48943	2053	2054	0.0	1.2	0.0	2.3	0.0	0.2	0.0	4.3	4.5	3.5	8.0
48943	49308	2054	2055	0.0	1.2	0.0	2.3	0.0	0.2	0.0	4.3	4.5	3.5	8.0
49308	49674	2055	2056	0.0	1.2	0.0	2.3	0.0	0.2	0.0	4.3	4.5	3.5	8.0
49674	50039	2056	2057	0.0	1.2	0.0	2.3	0.0	0.2	0.0	4.3	4.5	3.5	8.0
50039	50404	2057	2058	0.0	1.2	0.0	2.3	0.0	0.2	0.0	4.3	4.5	3.5	8.0
50404	50769	2058	2059	0.0	1.2	0.0	2.3	0.0	0.2	0.0	4.3	4.5	3.5	8.0
50769	51135	2059	2060	0.0	1.2	0.0	2.3	0.0	0.2	0.0	4.3	4.5	3.6	8.0
51135	51500	2060	2061	0.0	1.2	0.0	2.3	0.0	0.2	0.0	4.3	4.5	3.6	8.0
51500	51865	2061	2062	0.0	1.2	0.0	2.3	0.0	0.2	0.0	4.3	4.5	3.6	8.0
51865	52230	2062	2063	0.0	1.2	0.0	2.3	0.0	0.2	0.0	4.3	4.5	3.6	8.0
52230	52596	2063	2064	0.0	1.2	0.0	2.3	0.0	0.2	0.0	4.3	4.5	3.6	8.0
52596	52961	2064	2065	0.0	1.2	0.0	2.3	0.0	0.2	0.0	4.3	4.5	3.6	8.0
52961	53326	2065	2066	0.0	1.2	0.0	2.3	0.0	0.2	0.0	4.3	4.5	3.6	8.0
53326	53691	2066	2067	0.0	1.2	0.0	2.3	0.0	0.2	0.0	4.3	4.5	3.6	8.0

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)
53691	54057	2067	2068	0.0	1.2	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.6	8.0
54057	54422	2068	2069	0.0	1.2	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.6	8.1
54422	54787	2069	2070	0.0	1.2	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.6	8.1
54787	55152	2070	2071	0.0	1.2	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.6	8.1
55152	55518	2071	2072	0.0	1.2	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.6	8.1
55518	55883	2072	2073	0.0	1.2	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.6	8.1
55883	56248	2073	2074	0.0	1.2	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.6	8.1
56248	56613	2074	2075	0.0	1.2	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.6	8.1
56613	56979	2075	2076	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.6	8.1
56979	57344	2076	2077	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.6	8.1
57344	57709	2077	2078	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.6	8.1
57709	58074	2078	2079	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.6	8.1
58074	58440	2079	2080	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.6	8.1
58440	58805	2080	2081	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.6	8.1
58805	59170	2081	2082	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.6	8.1
59170	59535	2082	2083	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.6	8.1
59535	59901	2083	2084	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.1
59901	60266	2084	2085	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.1
60266	60631	2085	2086	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.1
60631	60996	2086	2087	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.1
60996	61362	2087	2088	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.1
61362	61727	2088	2089	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.1
61727	62092	2089	2090	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.1
62092	62457	2090	2091	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.1
62457	62823	2091	2092	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.1
62823	63188	2092	2093	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.1
63188	63553	2093	2094	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.1
63553	63918	2094	2095	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.1
63918	64284	2095	2096	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.1
64284	64649	2096	2097	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.1
64649	65014	2097	2098	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.1
65014	65379	2098	2099	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.1
65379	65745	2099	2100	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.2
65745	66110	2100	2101	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.2
66110	66475	2101	2102	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.2
66475	66840	2102	2103	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.2
66840	67206	2103	2104	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.2
67206	67571	2104	2105	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.2
67571	67936	2105	2106	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.2
67936	68301	2106	2107	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.2
68301	68667	2107	2108	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.2
68667	69032	2108	2109	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.2
69032	69397	2109	2110	0.0	1.3	0.0	2.4	0.0	0.2	0.0	4.3	4.5	3.7	8.2
		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	3652	1920	1930	679	455	347	181	372	342	98	1740	734	2474
3652	7305	1930	1940	574	411	296	135	314	303	46	1487	592	2079
7305	14610	1940	1960	593	419	305	144	322	307	58	1527	620	2147
14610	18263	1960	1970	845	569	1027	893	326	308	62	2506	1523	4030
18263	21915	1970	1980	869	581	1048	961	330	308	65	2556	1607	4162
21915	24837	1980	1988	877	585	1054	986	333	309	66	2572	1637	4209
24837	25202	1988	1989	877	585	1054	987	333	309	67	2573	1639	4212
25202	25567	1989	1990	877	585	1055	988	333	309	67	2574	1640	4214
25567	25932	1990	1991	878	585	1055	990	333	309	67	2574	1642	4216
25932	26298	1991	1992	878	586	1055	991	333	309	67	2575	1643	4218
26298	26663	1992	1993	878	586	1055	992	333	309	67	2576	1644	4220
26663	27028	1993	1994	879	586	1056	993	333	309	67	2576	1645	4222
27028	27393	1994	1995	879	586	1056	993	333	309	67	2577	1647	4223
27393	27759	1995	1996	880	586	1056	995	334	309	67	2578	1649	4227
27759	28124	1996	1997	880	587	1057	997	334	309	68	2579	1651	4231
28124	28489	1997	1998	881	587	1057	999	334	309	68	2581	1654	4234
28489	28854	1998	1999	896	587	996	945	350	320	73	2563	1606	4169
28854	29220	1999	2000	896	581	911	867	364	329	79	2500	1527	4026
29220	29585	2000	2001	876	571	866	821	363	328	77	2433	1468	3901
29585	29950	2001	2002	1035	675	844	799	378	328	133	2585	1607	4192
29950	30315	2002	2003	1105	732	822	774	384	329	162	2640	1668	4308
30315	30681	2003	2004	1137	761	800	748	387	330	178	2654	1687	4341
30681	31046	2004	2005	1149	774	778	722	390	331	187	2648	1684	4331
31046	31411	2005	2006	1150	778	755	697	391	332	193	2629	1667	4296
31411	31776	2006	2007	1143	776	732	671	392	334	196	2601	1642	4244
31776	32142	2007	2008	1131	770	709	645	393	335	196	2568	1611	4179
32142	32507	2008	2009	1108	755	672	608	397	338	197	2515	1561	4076
32507	32872	2009	2010	1087	745	656	587	394	337	192	2474	1524	3998
32872	33237	2010	2011	1076	739	648	575	392	336	189	2453	1504	3956
33237	33603	2011	2012	1069	737	644	568	392	336	188	2440	1492	3932
33603	33968	2012	2013	1065	735	640	561	391	335	187	2431	1484	3915
33968	34333	2013	2014	1061	734	638	556	390	335	187	2424	1477	3900
34333	34698	2014	2015	1058	734	636	552	390	335	187	2418	1472	3890
34698	35064	2015	2016	1056	734	634	548	389	335	187	2414	1468	3882
35064	35429	2016	2017	1054	734	632	544	389	334	187	2410	1465	3875
35429	35794	2017	2018	1053	734	631	541	389	334	187	2407	1462	3869
35794	36159	2018	2019	1052	734	630	539	388	334	187	2405	1461	3865
36159	36525	2019	2020	1051	735	629	537	388	334	188	2402	1459	3861
36525	36890	2020	2021	1050	735	629	535	388	334	188	2401	1458	3859
36890	37255	2021	2022	1050	735	628	533	388	334	188	2399	1457	3856
37255	37620	2022	2023	1049	736	628	532	388	334	189	2398	1456	3854
37620	37986	2023	2024	1049	736	627	531	387	334	189	2397	1455	3853
37986	38351	2024	2025	1049	736	627	530	387	334	189	2397	1455	3852

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	1048	737	627	529	387	334	189	2396	1455	3851
38716	39081	2026	2027	1048	737	627	528	387	334	190	2396	1455	3850
39081	39447	2027	2028	1048	737	626	527	387	334	190	2395	1454	3849
39447	39812	2028	2029	1048	738	626	527	387	334	190	2395	1454	3849
39812	40177	2029	2030	1048	738	626	526	387	334	190	2394	1454	3848
40177	40542	2030	2031	1047	738	626	525	387	334	191	2393	1454	3847
40542	40908	2031	2032	1047	739	625	524	387	334	191	2393	1454	3847
40908	41273	2032	2033	1047	739	625	524	387	334	191	2393	1454	3846
41273	41638	2033	2034	1047	739	625	523	387	333	191	2392	1454	3846
41638	42003	2034	2035	1047	739	625	523	387	333	191	2392	1454	3846
42003	42369	2035	2036	1047	740	625	522	386	333	192	2392	1454	3845
42369	42734	2036	2037	1047	740	625	522	386	333	192	2391	1454	3845
42734	43099	2037	2038	1047	740	625	522	386	333	192	2391	1454	3845
43099	43464	2038	2039	1047	740	625	522	386	333	192	2391	1454	3845
43464	43830	2039	2040	1047	740	625	521	386	333	192	2391	1454	3845
43830	44195	2040	2041	1047	740	625	521	386	333	192	2391	1454	3845
44195	44560	2041	2042	1047	740	625	521	386	333	192	2391	1454	3845
44560	44925	2042	2043	1047	740	625	521	386	333	192	2391	1454	3845
44925	45291	2043	2044	1047	740	625	521	386	333	192	2391	1454	3845
45291	45656	2044	2045	1047	741	625	521	386	333	192	2391	1454	3845
45656	46021	2045	2046	1047	741	625	521	386	333	192	2391	1454	3845
46021	46386	2046	2047	1047	741	625	521	386	333	192	2391	1454	3845
46386	46752	2047	2048	1047	741	624	521	386	333	193	2391	1454	3845
46752	47117	2048	2049	1047	741	624	521	386	333	193	2391	1454	3845
47117	47482	2049	2050	1047	741	624	520	386	333	193	2391	1454	3845
47482	47847	2050	2051	1047	741	624	520	386	333	193	2391	1454	3845
47847	48213	2051	2052	1047	741	624	520	386	333	193	2391	1454	3845
48213	48578	2052	2053	1047	741	624	520	386	333	193	2391	1454	3845
48578	48943	2053	2054	1047	741	624	520	386	333	193	2390	1454	3844
48943	49308	2054	2055	1047	741	624	520	386	333	193	2390	1454	3844
49308	49674	2055	2056	1047	741	624	520	386	333	193	2390	1454	3844
49674	50039	2056	2057	1047	741	624	520	386	333	193	2390	1454	3844
50039	50404	2057	2058	1047	741	624	520	386	333	193	2390	1454	3844
50404	50769	2058	2059	1047	741	624	520	386	333	193	2390	1454	3844
50769	51135	2059	2060	1047	742	624	520	386	333	193	2390	1454	3844
51135	51500	2060	2061	1047	742	624	519	386	333	193	2390	1454	3844
51500	51865	2061	2062	1047	742	624	519	386	333	193	2390	1454	3844
51865	52230	2062	2063	1047	742	624	519	386	333	193	2390	1454	3844
52230	52596	2063	2064	1047	742	624	519	386	333	193	2390	1454	3844
52596	52961	2064	2065	1047	742	624	519	386	333	193	2390	1454	3844
52961	53326	2065	2066	1046	742	624	519	386	333	193	2390	1454	3844
53326	53691	2066	2067	1046	742	624	519	386	333	193	2390	1454	3844

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)
53691	54057	2067	2068	1046	742	624	519	386	333	194	2390	1454	3844
54057	54422	2068	2069	1046	742	624	519	386	333	194	2390	1455	3844
54422	54787	2069	2070	1046	742	624	519	386	333	194	2390	1455	3844
54787	55152	2070	2071	1046	742	624	519	386	333	194	2390	1455	3844
55152	55518	2071	2072	1046	742	624	519	386	333	194	2390	1455	3844
55518	55883	2072	2073	1046	742	624	518	386	333	194	2390	1455	3844
55883	56248	2073	2074	1046	742	624	518	386	333	194	2390	1455	3844
56248	56613	2074	2075	1046	743	624	518	386	333	194	2390	1455	3844
56613	56979	2075	2076	1046	743	624	518	386	333	194	2389	1455	3844
56979	57344	2076	2077	1046	743	624	518	386	333	194	2389	1455	3844
57344	57709	2077	2078	1046	743	624	518	386	333	194	2389	1455	3844
57709	58074	2078	2079	1046	743	624	518	386	333	194	2389	1455	3844
58074	58440	2079	2080	1046	743	624	518	386	333	194	2389	1455	3844
58440	58805	2080	2081	1046	743	624	518	386	333	194	2389	1455	3844
58805	59170	2081	2082	1046	743	624	518	386	333	194	2389	1455	3844
59170	59535	2082	2083	1046	743	624	518	386	333	194	2389	1455	3844
59535	59901	2083	2084	1046	743	624	518	386	333	194	2389	1455	3844
59901	60266	2084	2085	1046	743	624	518	386	333	194	2389	1455	3844
60266	60631	2085	2086	1046	743	624	518	386	333	194	2389	1455	3844
60631	60996	2086	2087	1046	743	624	517	386	333	195	2389	1455	3844
60996	61362	2087	2088	1046	743	624	517	386	333	195	2389	1455	3844
61362	61727	2088	2089	1046	743	624	517	386	333	195	2389	1455	3844
61727	62092	2089	2090	1046	743	624	517	386	333	195	2389	1455	3844
62092	62457	2090	2091	1046	744	624	517	386	333	195	2389	1455	3844
62457	62823	2091	2092	1046	744	624	517	386	333	195	2389	1455	3844
62823	63188	2092	2093	1046	744	624	517	386	333	195	2389	1456	3844
63188	63553	2093	2094	1046	744	624	517	386	333	195	2389	1456	3844
63553	63918	2094	2095	1046	744	624	517	386	333	195	2389	1456	3845
63918	64284	2095	2096	1046	744	624	517	386	333	195	2389	1456	3845
64284	64649	2096	2097	1046	744	624	517	386	333	195	2389	1456	3845
64649	65014	2097	2098	1046	744	624	517	386	333	195	2389	1456	3845
65014	65379	2098	2099	1046	744	624	517	386	333	195	2389	1456	3845
65379	65745	2099	2100	1046	744	624	517	386	333	195	2389	1456	3845
65745	66110	2100	2101	1046	744	624	517	386	333	195	2389	1456	3845
66110	66475	2101	2102	1046	744	624	517	386	333	195	2389	1456	3845
66475	66840	2102	2103	1046	744	623	516	386	333	195	2389	1456	3845
66840	67206	2103	2104	1046	744	623	516	386	333	195	2389	1456	3845
67206	67571	2104	2105	1046	744	623	516	386	333	195	2389	1456	3845
67571	67936	2105	2106	1046	744	623	516	386	333	195	2389	1456	3845
67936	68301	2106	2107	1046	745	623	516	386	333	195	2389	1456	3845
68301	68667	2107	2108	1046	745	623	516	386	333	196	2388	1456	3845
68667	69032	2108	2109	1046	745	623	516	386	333	196	2388	1456	3845
69032	69397	2109	2110	1046	745	623	516	386	333	196	2388	1456	3845

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	*3652*	1920	1930	0	8	0	0	0	19	0	399	***417***	***8***	**425**
3652	*7305*	1930	1940	0	9	0	0	0	21	0	399	***420***	***9***	**429**
7305	*14610*	1940	1960	0	9	0	0	0	21	0	400	***421***	***9***	**431**
14610	*18263*	1960	1970	0	14	0	0	0	22	0	400	***422***	***14***	**436**
18263	*21915*	1970	1980	0	15	0	0	0	22	0	400	***422***	***15***	**437**
21915	*24837*	1980	1988	0	15	0	0	0	22	0	400	***422***	***15***	**437**
24837	*25202*	1988	1989	0	15	0	0	0	22	0	400	***422***	***15***	**437**
25202	*25567*	1989	1990	0	15	0	0	0	22	0	400	***422***	***15***	**437**
25567	*25932*	1990	1991	0	15	0	0	0	22	0	400	***422***	***15***	**437**
25932	*26298*	1991	1992	0	15	0	0	0	22	0	400	***422***	***15***	**437**
26298	*26663*	1992	1993	0	15	0	0	0	22	0	400	***422***	***15***	**437**
26663	*27028*	1993	1994	0	15	0	0	0	22	0	400	***422***	***15***	**437**
27028	*27393*	1994	1995	0	15	0	0	0	22	0	400	***422***	***15***	**438**
27393	*27759*	1995	1996	0	16	0	0	0	22	0	400	***422***	***16***	**438**
27759	*28124*	1996	1997	0	16	0	0	0	22	0	400	***422***	***16***	**438**
28124	*28489*	1997	1998	0	16	0	0	0	22	0	400	***422***	***16***	**438**
28489	*28854*	1998	1999	0	14	0	0	0	22	0	400	***422***	***14***	**436**
28854	*29220*	1999	2000	0	12	0	0	0	22	0	400	***422***	***12***	**434**
29220	*29585*	2000	2001	0	11	0	0	0	22	0	400	***422***	***11***	**433**
29585	*29950*	2001	2002	0	47	0	45	0	21	0	643	***664***	***91***	**755**
29950	*30315*	2002	2003	0	80	0	65	0	21	0	662	***683***	***146***	**829**
30315	*30681*	2003	2004	0	100	0	80	0	21	0	658	***679***	***180***	**859**
30681	*31046*	2004	2005	0	110	0	89	0	21	0	646	***667***	***200***	**867**
31046	*31411*	2005	2006	0	115	0	94	0	21	0	630	***651***	***209***	**861**
31411	*31776*	2006	2007	0	116	0	96	0	21	0	614	***635***	***212***	**847**
31776	*32142*	2007	2008	0	115	0	95	0	21	0	597	***618***	***210***	**827**
32142	*32507*	2008	2009	0	107	0	89	0	21	0	565	***586***	***196***	**783**
32507	*32872*	2009	2010	0	104	0	88	0	21	0	561	***581***	***191***	**773**
32872	*33237*	2010	2011	0	103	0	87	0	21	0	559	***579***	***189***	**769**
33237	*33603*	2011	2012	0	102	0	86	0	21	0	558	***579***	***188***	**767**
33603	*33968*	2012	2013	0	102	0	86	0	21	0	557	***578***	***188***	**766**
33968	*34333*	2013	2014	0	102	0	87	0	20	0	557	***577***	***188***	**766**
34333	*34698*	2014	2015	0	102	0	87	0	20	0	557	***577***	***189***	**766**
34698	*35064*	2015	2016	0	102	0	87	0	20	0	557	***577***	***189***	**766**
35064	*35429*	2016	2017	0	103	0	87	0	20	0	556	***577***	***190***	**767**
35429	*35794*	2017	2018	0	103	0	88	0	20	0	556	***577***	***191***	**768**
35794	*36159*	2018	2019	0	104	0	88	0	20	0	556	***577***	***192***	**768**
36159	*36525*	2019	2020	0	104	0	89	0	20	0	556	***577***	***193***	**769**
36525	*36890*	2020	2021	0	104	0	89	0	20	0	556	***577***	***193***	**770**
36890	*37255*	2021	2022	0	105	0	89	0	20	0	556	***576***	***194***	**770**
37255	*37620*	2022	2023	0	105	0	90	0	20	0	556	***576***	***195***	**771**
37620	*37986*	2023	2024	0	105	0	90	0	20	0	556	***576***	***195***	**772**
37986	*38351*	2024	2025	0	106	0	90	0	20	0	556	***576***	***196***	**772**

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	106	0	90	0	20	0	556	576	196	772
38716	39081	2026	2027	0	106	0	90	0	20	0	556	576	196	773
39081	39447	2027	2028	0	106	0	91	0	20	0	556	576	197	773
39447	39812	2028	2029	0	107	0	91	0	20	0	556	576	197	774
39812	40177	2029	2030	0	107	0	91	0	20	0	556	576	198	774
40177	40542	2030	2031	0	107	0	91	0	20	0	556	576	198	775
40542	40908	2031	2032	0	107	0	91	0	20	0	556	576	199	775
40908	41273	2032	2033	0	107	0	92	0	20	0	556	576	199	775
41273	41638	2033	2034	0	108	0	92	0	20	0	556	576	200	776
41638	42003	2034	2035	0	108	0	92	0	20	0	556	576	200	776
42003	42369	2035	2036	0	108	0	92	0	20	0	556	576	200	776
42369	42734	2036	2037	0	108	0	92	0	20	0	556	576	201	777
42734	43099	2037	2038	0	108	0	92	0	20	0	556	576	201	777
43099	43464	2038	2039	0	108	0	92	0	20	0	556	576	201	777
43464	43830	2039	2040	0	108	0	92	0	20	0	556	576	201	777
43830	44195	2040	2041	0	108	0	92	0	20	0	556	576	201	777
44195	44560	2041	2042	0	108	0	93	0	20	0	556	576	201	777
44560	44925	2042	2043	0	109	0	93	0	20	0	556	576	201	777
44925	45291	2043	2044	0	109	0	93	0	20	0	556	576	201	777
45291	45656	2044	2045	0	109	0	93	0	20	0	556	576	201	777
45656	46021	2045	2046	0	109	0	93	0	20	0	556	576	201	778
46021	46386	2046	2047	0	109	0	93	0	20	0	556	576	201	778
46386	46752	2047	2048	0	109	0	93	0	20	0	556	576	202	778
46752	47117	2048	2049	0	109	0	93	0	20	0	556	576	202	778
47117	47482	2049	2050	0	109	0	93	0	20	0	556	576	202	778
47482	47847	2050	2051	0	109	0	93	0	20	0	556	576	202	778
47847	48213	2051	2052	0	109	0	93	0	20	0	556	576	202	778
48213	48578	2052	2053	0	109	0	93	0	20	0	556	576	202	778
48578	48943	2053	2054	0	109	0	93	0	20	0	556	576	202	778
48943	49308	2054	2055	0	109	0	93	0	20	0	556	576	202	778
49308	49674	2055	2056	0	109	0	93	0	20	0	556	576	202	778
49674	50039	2056	2057	0	109	0	93	0	20	0	556	576	202	778
50039	50404	2057	2058	0	109	0	93	0	20	0	556	576	202	778
50404	50769	2058	2059	0	109	0	93	0	20	0	556	576	202	779
50769	51135	2059	2060	0	109	0	93	0	20	0	556	576	203	779
51135	51500	2060	2061	0	109	0	93	0	20	0	556	576	203	779
51500	51865	2061	2062	0	109	0	93	0	20	0	556	576	203	779
51865	52230	2062	2063	0	109	0	93	0	20	0	556	576	203	779
52230	52596	2063	2064	0	109	0	93	0	20	0	556	576	203	779
52596	52961	2064	2065	0	110	0	93	0	20	0	556	576	203	779
52961	53326	2065	2066	0	110	0	93	0	20	0	556	576	203	779
53326	53691	2066	2067	0	110	0	93	0	20	0	556	576	203	779

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)
53691	54057	2067	2068	0	110	0	94	0	20	0	556	576	203	779
54057	54422	2068	2069	0	110	0	94	0	20	0	556	576	203	779
54422	54787	2069	2070	0	110	0	94	0	20	0	556	576	203	779
54787	55152	2070	2071	0	110	0	94	0	20	0	556	576	203	779
55152	55518	2071	2072	0	110	0	94	0	20	0	556	576	203	780
55518	55883	2072	2073	0	110	0	94	0	20	0	556	576	204	780
55883	56248	2073	2074	0	110	0	94	0	20	0	556	576	204	780
56248	56613	2074	2075	0	110	0	94	0	20	0	556	576	204	780
56613	56979	2075	2076	0	110	0	94	0	20	0	556	576	204	780
56979	57344	2076	2077	0	110	0	94	0	20	0	556	576	204	780
57344	57709	2077	2078	0	110	0	94	0	20	0	556	576	204	780
57709	58074	2078	2079	0	110	0	94	0	20	0	556	576	204	780
58074	58440	2079	2080	0	110	0	94	0	20	0	556	576	204	780
58440	58805	2080	2081	0	110	0	94	0	20	0	556	576	204	780
58805	59170	2081	2082	0	110	0	94	0	20	0	556	576	204	780
59170	59535	2082	2083	0	110	0	94	0	20	0	556	576	204	780
59535	59901	2083	2084	0	110	0	94	0	20	0	556	576	204	780
59901	60266	2084	2085	0	110	0	94	0	20	0	556	576	204	780
60266	60631	2085	2086	0	110	0	94	0	20	0	556	576	204	781
60631	60996	2086	2087	0	110	0	94	0	20	0	556	576	205	781
60996	61362	2087	2088	0	110	0	94	0	20	0	556	576	205	781
61362	61727	2088	2089	0	110	0	94	0	20	0	556	576	205	781
61727	62092	2089	2090	0	111	0	94	0	20	0	556	576	205	781
62092	62457	2090	2091	0	111	0	94	0	20	0	556	576	205	781
62457	62823	2091	2092	0	111	0	94	0	20	0	556	576	205	781
62823	63188	2092	2093	0	111	0	94	0	20	0	556	576	205	781
63188	63553	2093	2094	0	111	0	94	0	20	0	556	576	205	781
63553	63918	2094	2095	0	111	0	94	0	20	0	556	576	205	781
63918	64284	2095	2096	0	111	0	94	0	20	0	556	576	205	781
64284	64649	2096	2097	0	111	0	94	0	20	0	556	576	205	781
64649	65014	2097	2098	0	111	0	95	0	20	0	556	576	205	781
65014	65379	2098	2099	0	111	0	95	0	20	0	556	576	205	781
65379	65745	2099	2100	0	111	0	95	0	20	0	556	576	205	782
65745	66110	2100	2101	0	111	0	95	0	20	0	556	576	206	782
66110	66475	2101	2102	0	111	0	95	0	20	0	556	576	206	782
66475	66840	2102	2103	0	111	0	95	0	20	0	556	576	206	782
66840	67206	2103	2104	0	111	0	95	0	20	0	556	576	206	782
67206	67571	2104	2105	0	111	0	95	0	20	0	556	576	206	782
67571	67936	2105	2106	0	111	0	95	0	20	0	556	576	206	782
67936	68301	2106	2107	0	111	0	95	0	20	0	556	576	206	782
68301	68667	2107	2108	0	111	0	95	0	20	0	556	576	206	782
68667	69032	2108	2109	0	111	0	95	0	20	0	556	576	206	782
69032	69397	2109	2110	0	111	0	95	0	20	0	556	576	206	782

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	3652	1920	1930	3.4	2.3	2.4	1.8	3.7	2.4	0.6	11.9	4.7	16.6
3652	7305	1930	1940	2.9	2.1	2.1	1.3	3.1	2.1	0.3	10.2	3.7	13.9
7305	14610	1940	1960	3.0	2.1	2.1	1.4	3.2	2.2	0.3	10.5	3.9	14.3
14610	18263	1960	1970	4.2	2.8	7.2	8.9	3.3	2.2	0.4	16.8	12.1	29.0
18263	21915	1970	1980	4.3	2.9	7.3	9.6	3.3	2.2	0.4	17.1	12.9	30.0
21915	24837	1980	1988	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.2	13.2	30.4
24837	25202	1988	1989	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
25202	25567	1989	1990	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
25567	25932	1990	1991	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
25932	26298	1991	1992	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
26298	26663	1992	1993	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
26663	27028	1993	1994	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.3	30.5
27028	27393	1994	1995	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.3	30.5
27393	27759	1995	1996	4.4	2.9	7.4	10.0	3.3	2.2	0.4	17.3	13.3	30.6
27759	28124	1996	1997	4.4	2.9	7.4	10.0	3.3	2.2	0.4	17.3	13.3	30.6
28124	28489	1997	1998	4.4	2.9	7.4	10.0	3.3	2.2	0.4	17.3	13.3	30.6
28489	28854	1998	1999	4.5	2.9	7.0	9.5	3.5	2.2	0.4	17.2	12.8	30.0
28854	29220	1999	2000	4.5	2.9	6.4	8.7	3.6	2.3	0.5	16.8	12.0	28.8
29220	29585	2000	2001	4.4	2.9	6.1	8.2	3.6	2.3	0.5	16.4	11.5	27.9
29585	29950	2001	2002	5.2	3.4	5.9	8.0	3.8	2.3	0.8	17.2	12.2	29.3
29950	30315	2002	2003	5.5	3.7	5.8	7.7	3.8	2.3	1.0	17.4	12.4	29.8
30315	30681	2003	2004	5.7	3.8	5.6	7.5	3.9	2.3	1.1	17.5	12.4	29.8
30681	31046	2004	2005	5.7	3.9	5.4	7.2	3.9	2.3	1.1	17.4	12.2	29.6
31046	31411	2005	2006	5.7	3.9	5.3	7.0	3.9	2.3	1.2	17.3	12.0	29.3
31411	31776	2006	2007	5.7	3.9	5.1	6.7	3.9	2.3	1.2	17.1	11.8	28.9
31776	32142	2007	2008	5.7	3.9	5.0	6.5	3.9	2.3	1.2	16.9	11.5	28.4
32142	32507	2008	2009	5.5	3.8	4.7	6.1	4.0	2.4	1.2	16.6	11.0	27.6
32507	32872	2009	2010	5.4	3.7	4.6	5.9	3.9	2.4	1.1	16.3	10.7	27.1
32872	33237	2010	2011	5.4	3.7	4.5	5.8	3.9	2.4	1.1	16.2	10.6	26.8
33237	33603	2011	2012	5.3	3.7	4.5	5.7	3.9	2.3	1.1	16.1	10.5	26.6
33603	33968	2012	2013	5.3	3.7	4.5	5.6	3.9	2.3	1.1	16.1	10.4	26.5
33968	34333	2013	2014	5.3	3.7	4.5	5.6	3.9	2.3	1.1	16.0	10.4	26.4
34333	34698	2014	2015	5.3	3.7	4.4	5.5	3.9	2.3	1.1	16.0	10.3	26.3
34698	35064	2015	2016	5.3	3.7	4.4	5.5	3.9	2.3	1.1	16.0	10.3	26.2
35064	35429	2016	2017	5.3	3.7	4.4	5.4	3.9	2.3	1.1	15.9	10.2	26.2
35429	35794	2017	2018	5.3	3.7	4.4	5.4	3.9	2.3	1.1	15.9	10.2	26.1
35794	36159	2018	2019	5.3	3.7	4.4	5.4	3.9	2.3	1.1	15.9	10.2	26.1
36159	36525	2019	2020	5.3	3.7	4.4	5.4	3.9	2.3	1.1	15.9	10.2	26.0
36525	36890	2020	2021	5.3	3.7	4.4	5.3	3.9	2.3	1.1	15.9	10.2	26.0
36890	37255	2021	2022	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.9	10.1	26.0
37255	37620	2022	2023	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.9	10.1	26.0
37620	37986	2023	2024	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.8	10.1	26.0
37986	38351	2024	2025	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.8	10.1	26.0

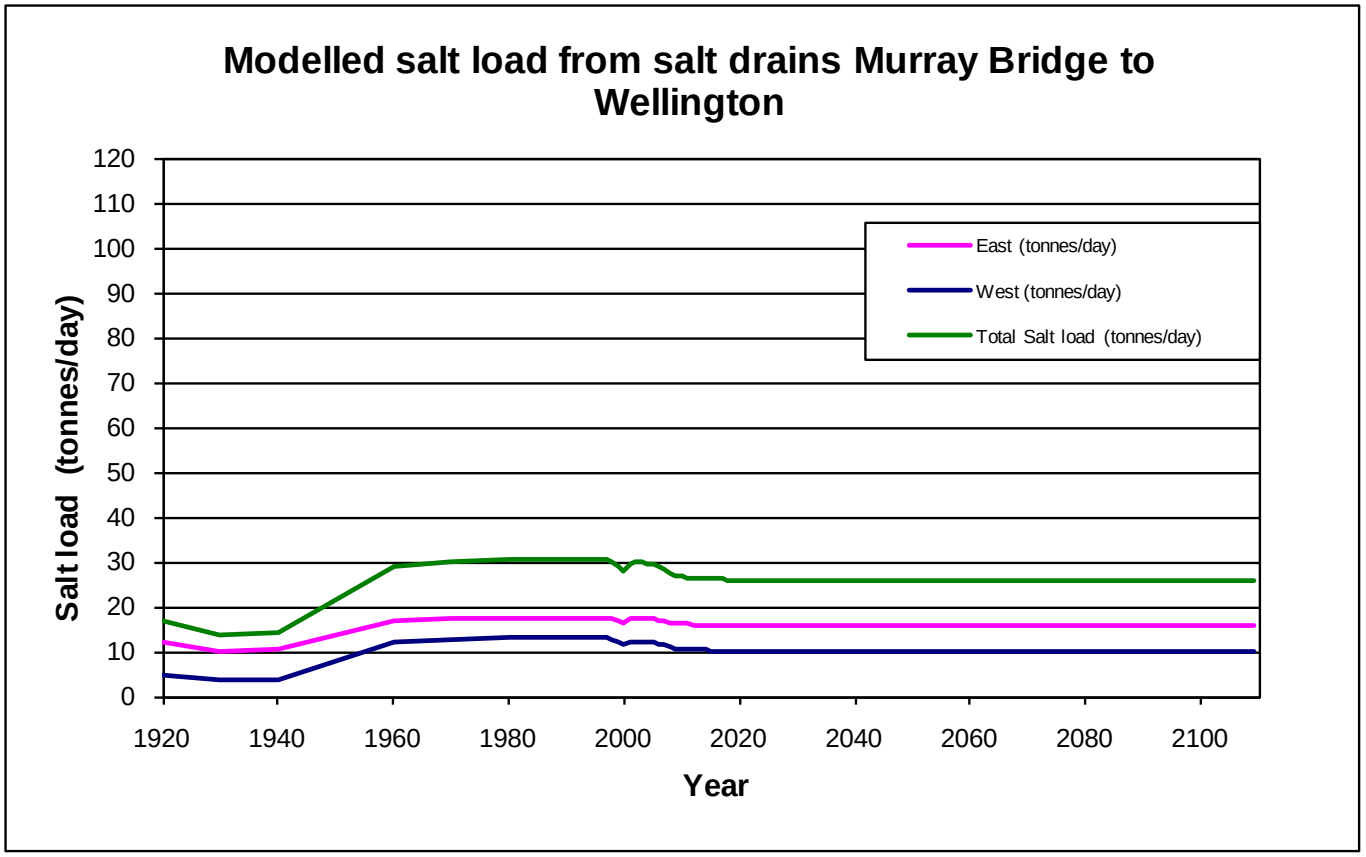
B-6(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3b) (highland to salt drains)

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	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.8	10.1	25.9
38716	39081	2026	2027	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.8	10.1	25.9
39081	39447	2027	2028	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.8	10.1	25.9
39447	39812	2028	2029	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.8	10.1	25.9
39812	40177	2029	2030	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.8	10.1	25.9
40177	40542	2030	2031	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.8	10.1	25.9
40542	40908	2031	2032	5.2	3.7	4.4	5.2	3.9	2.3	1.1	15.8	10.1	25.9
40908	41273	2032	2033	5.2	3.7	4.4	5.2	3.9	2.3	1.1	15.8	10.1	25.9
41273	41638	2033	2034	5.2	3.7	4.4	5.2	3.9	2.3	1.1	15.8	10.1	25.9
41638	42003	2034	2035	5.2	3.7	4.4	5.2	3.9	2.3	1.1	15.8	10.1	25.9
42003	42369	2035	2036	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
42369	42734	2036	2037	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
42734	43099	2037	2038	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
43099	43464	2038	2039	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
43464	43830	2039	2040	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
43830	44195	2040	2041	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
44195	44560	2041	2042	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
44560	44925	2042	2043	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
44925	45291	2043	2044	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
45291	45656	2044	2045	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
45656	46021	2045	2046	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
46021	46386	2046	2047	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
46386	46752	2047	2048	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
46752	47117	2048	2049	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
47117	47482	2049	2050	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
47482	47847	2050	2051	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
47847	48213	2051	2052	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
48213	48578	2052	2053	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
48578	48943	2053	2054	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
48943	49308	2054	2055	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
49308	49674	2055	2056	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
49674	50039	2056	2057	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
50039	50404	2057	2058	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
50404	50769	2058	2059	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
50769	51135	2059	2060	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
51135	51500	2060	2061	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
51500	51865	2061	2062	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
51865	52230	2062	2063	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
52230	52596	2063	2064	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
52596	52961	2064	2065	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
52961	53326	2065	2066	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
53326	53691	2066	2067	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9

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)
53691	54057	2067	2068	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
54057	54422	2068	2069	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
54422	54787	2069	2070	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
54787	55152	2070	2071	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
55152	55518	2071	2072	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
55518	55883	2072	2073	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
55883	56248	2073	2074	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
56248	56613	2074	2075	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
56613	56979	2075	2076	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
56979	57344	2076	2077	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
57344	57709	2077	2078	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
57709	58074	2078	2079	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
58074	58440	2079	2080	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
58440	58805	2080	2081	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
58805	59170	2081	2082	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
59170	59535	2082	2083	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
59535	59901	2083	2084	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
59901	60266	2084	2085	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
60266	60631	2085	2086	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
60631	60996	2086	2087	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
60996	61362	2087	2088	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
61362	61727	2088	2089	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
61727	62092	2089	2090	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
62092	62457	2090	2091	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
62457	62823	2091	2092	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
62823	63188	2092	2093	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
63188	63553	2093	2094	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
63553	63918	2094	2095	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
63918	64284	2095	2096	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
64284	64649	2096	2097	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
64649	65014	2097	2098	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
65014	65379	2098	2099	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
65379	65745	2099	2100	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
65745	66110	2100	2101	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
66110	66475	2101	2102	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
66475	66840	2102	2103	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
66840	67206	2103	2104	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
67206	67571	2104	2105	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
67571	67936	2105	2106	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
67936	68301	2106	2107	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
68301	68667	2107	2108	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
68667	69032	2108	2109	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
69032	69397	2109	2110	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
		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	3652	1920	1930	0.0	0.0	0.0	0.0	0.0	0.1	0.0	2.4	2.5	0.0	2.6
3652	7305	1930	1940	0.0	0.0	0.0	0.0	0.0	0.1	0.0	2.4	2.5	0.0	2.6
7305	14610	1940	1960	0.0	0.0	0.0	0.0	0.0	0.1	0.0	2.4	2.5	0.0	2.6
14610	18263	1960	1970	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
18263	21915	1970	1980	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
21915	24837	1980	1988	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
24837	25202	1988	1989	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
25202	25567	1989	1990	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
25567	25932	1990	1991	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
25932	26298	1991	1992	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
26298	26663	1992	1993	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
26663	27028	1993	1994	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
27028	27393	1994	1995	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
27393	27759	1995	1996	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
27759	28124	1996	1997	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
28124	28489	1997	1998	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
28489	28854	1998	1999	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
28854	29220	1999	2000	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
29220	29585	2000	2001	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
29585	29950	2001	2002	0.0	0.2	0.0	0.4	0.0	0.1	0.0	3.9	4.0	0.7	4.7
29950	30315	2002	2003	0.0	0.4	0.0	0.7	0.0	0.1	0.0	4.0	4.1	1.1	5.2
30315	30681	2003	2004	0.0	0.5	0.0	0.8	0.0	0.1	0.0	3.9	4.1	1.3	5.4
30681	31046	2004	2005	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.9	4.0	1.4	5.5
31046	31411	2005	2006	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.8	3.9	1.5	5.4
31411	31776	2006	2007	0.0	0.6	0.0	1.0	0.0	0.1	0.0	3.7	3.8	1.5	5.4
31776	32142	2007	2008	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.6	3.7	1.5	5.3
32142	32507	2008	2009	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.4	3.5	1.4	5.0
32507	32872	2009	2010	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.4	3.5	1.4	4.9
32872	33237	2010	2011	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.4	3.5	1.4	4.9
33237	33603	2011	2012	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
33603	33968	2012	2013	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
33968	34333	2013	2014	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
34333	34698	2014	2015	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
34698	35064	2015	2016	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
35064	35429	2016	2017	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
35429	35794	2017	2018	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
35794	36159	2018	2019	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
36159	36525	2019	2020	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
36525	36890	2020	2021	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
36890	37255	2021	2022	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
37255	37620	2022	2023	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
37620	37986	2023	2024	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
37986	38351	2024	2025	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9

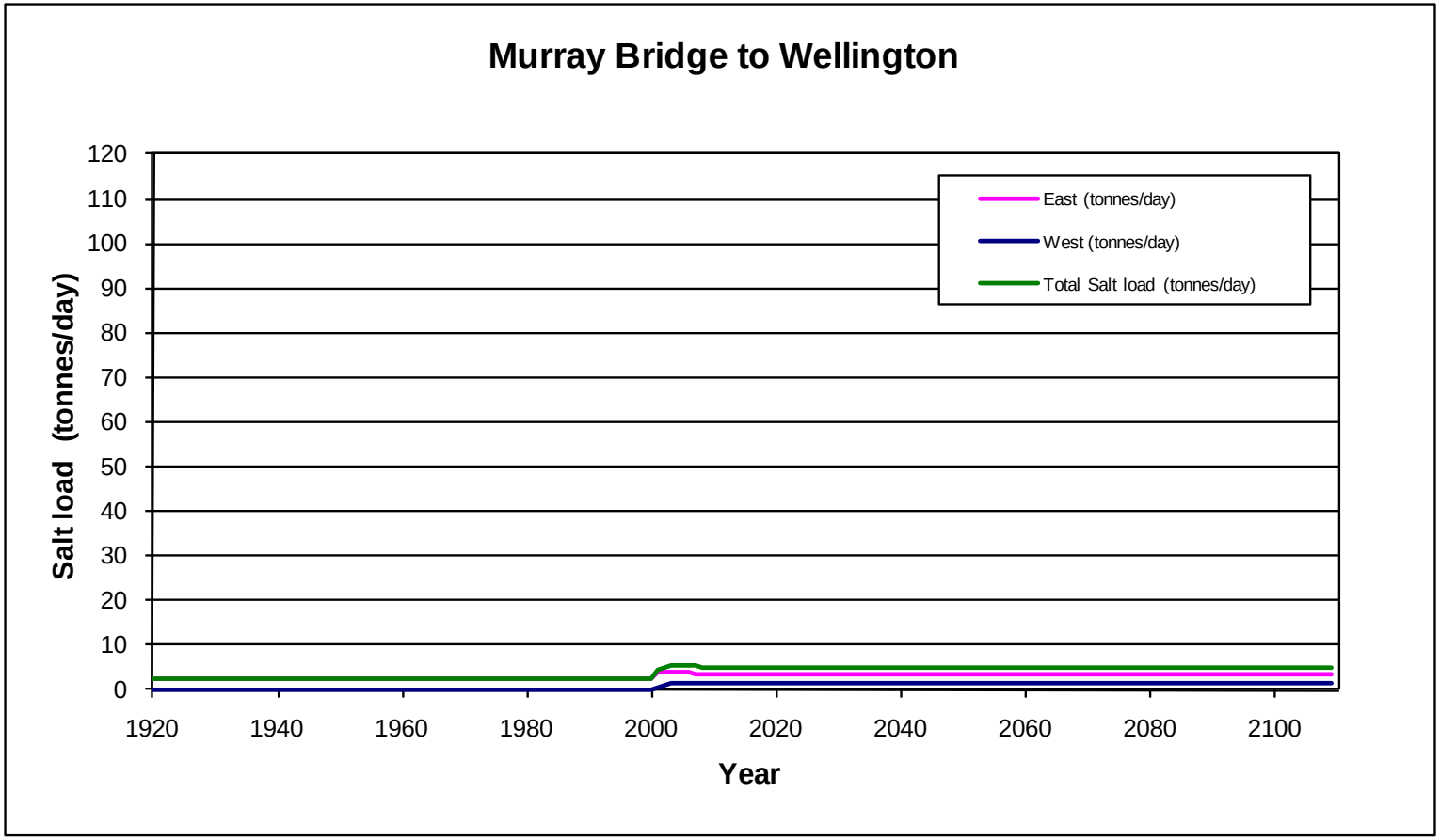
B-6(S3b). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3b) (floodplain to river)

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	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
38716	39081	2026	2027	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
39081	39447	2027	2028	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
39447	39812	2028	2029	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
39812	40177	2029	2030	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
40177	40542	2030	2031	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
40542	40908	2031	2032	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
40908	41273	2032	2033	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
41273	41638	2033	2034	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
41638	42003	2034	2035	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
42003	42369	2035	2036	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
42369	42734	2036	2037	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
42734	43099	2037	2038	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
43099	43464	2038	2039	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
43464	43830	2039	2040	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
43830	44195	2040	2041	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
44195	44560	2041	2042	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
44560	44925	2042	2043	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
44925	45291	2043	2044	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
45291	45656	2044	2045	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
45656	46021	2045	2046	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
46021	46386	2046	2047	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
46386	46752	2047	2048	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
46752	47117	2048	2049	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
47117	47482	2049	2050	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
47482	47847	2050	2051	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
47847	48213	2051	2052	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
48213	48578	2052	2053	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
48578	48943	2053	2054	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
48943	49308	2054	2055	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
49308	49674	2055	2056	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
49674	50039	2056	2057	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
50039	50404	2057	2058	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
50404	50769	2058	2059	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
50769	51135	2059	2060	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
51135	51500	2060	2061	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
51500	51865	2061	2062	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
51865	52230	2062	2063	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
52230	52596	2063	2064	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
52596	52961	2064	2065	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
52961	53326	2065	2066	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
53326	53691	2066	2067	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0

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)
53691	54057	2067	2068	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
54057	54422	2068	2069	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
54422	54787	2069	2070	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
54787	55152	2070	2071	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
55152	55518	2071	2072	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
55518	55883	2072	2073	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
55883	56248	2073	2074	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
56248	56613	2074	2075	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
56613	56979	2075	2076	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
56979	57344	2076	2077	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
57344	57709	2077	2078	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
57709	58074	2078	2079	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
58074	58440	2079	2080	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
58440	58805	2080	2081	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
58805	59170	2081	2082	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
59170	59535	2082	2083	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
59535	59901	2083	2084	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
59901	60266	2084	2085	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
60266	60631	2085	2086	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
60631	60996	2086	2087	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
60996	61362	2087	2088	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
61362	61727	2088	2089	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
61727	62092	2089	2090	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
62092	62457	2090	2091	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
62457	62823	2091	2092	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
62823	63188	2092	2093	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
63188	63553	2093	2094	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
63553	63918	2094	2095	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
63918	64284	2095	2096	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
64284	64649	2096	2097	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
64649	65014	2097	2098	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
65014	65379	2098	2099	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
65379	65745	2099	2100	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
65745	66110	2100	2101	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
66110	66475	2101	2102	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
66475	66840	2102	2103	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
66840	67206	2103	2104	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
67206	67571	2104	2105	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
67571	67936	2105	2106	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
67936	68301	2106	2107	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
68301	68667	2107	2108	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
68667	69032	2108	2109	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
69032	69397	2109	2110	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
		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	3652	1920	1930	679	455	347	181	372	342	98	1740	734	2474
3652	7305	1930	1940	574	411	296	135	314	303	46	1487	592	2079
7305	14610	1940	1960	593	419	305	144	322	307	58	1527	620	2147
14610	18263	1960	1970	845	569	1027	893	326	308	62	2506	1523	4030
18263	21915	1970	1980	869	581	1048	961	330	308	65	2556	1607	4162
21915	24837	1980	1988	877	585	1054	986	333	309	66	2572	1637	4209
24837	25202	1988	1989	877	585	1054	987	333	309	67	2573	1639	4212
25202	25567	1989	1990	877	585	1055	988	333	309	67	2574	1640	4214
25567	25932	1990	1991	878	585	1055	990	333	309	67	2574	1642	4216
25932	26298	1991	1992	878	586	1055	991	333	309	67	2575	1643	4218
26298	26663	1992	1993	878	586	1055	992	333	309	67	2576	1644	4220
26663	27028	1993	1994	879	586	1056	993	333	309	67	2576	1645	4222
27028	27393	1994	1995	879	586	1056	993	333	309	67	2577	1647	4223
27393	27759	1995	1996	880	586	1056	995	334	309	67	2578	1649	4227
27759	28124	1996	1997	880	587	1057	997	334	309	68	2579	1651	4231
28124	28489	1997	1998	881	587	1057	999	334	309	68	2581	1654	4234
28489	28854	1998	1999	896	587	996	945	350	320	73	2563	1606	4169
28854	29220	1999	2000	895	581	911	866	364	329	79	2498	1526	4024
29220	29585	2000	2001	875	570	865	820	363	328	77	2431	1467	3898
29585	29950	2001	2002	1034	675	843	799	378	328	133	2584	1606	4191
29950	30315	2002	2003	1104	732	822	773	384	329	162	2639	1668	4307
30315	30681	2003	2004	1137	761	800	748	387	330	178	2654	1687	4341
30681	31046	2004	2005	1149	774	777	722	390	331	188	2647	1684	4331
31046	31411	2005	2006	1150	778	755	696	391	332	193	2629	1667	4296
31411	31776	2006	2007	1143	776	732	671	392	334	196	2601	1643	4244
31776	32142	2007	2008	1131	770	709	645	393	335	196	2567	1611	4179
32142	32507	2008	2009	1108	755	672	608	397	338	197	2515	1561	4076
32507	32872	2009	2010	1087	744	656	587	394	337	192	2474	1523	3997
32872	33237	2010	2011	1075	739	648	574	392	336	189	2451	1502	3954
33237	33603	2011	2012	1068	736	642	565	391	335	187	2437	1489	3926
33603	33968	2012	2013	1063	735	639	559	391	335	187	2427	1480	3908
33968	34333	2013	2014	1059	734	636	553	390	335	187	2421	1474	3895
34333	34698	2014	2015	1057	734	634	549	389	335	187	2415	1469	3884
34698	35064	2015	2016	1055	734	633	545	389	334	187	2411	1466	3877
35064	35429	2016	2017	1053	734	631	542	389	334	187	2407	1463	3870
35429	35794	2017	2018	1052	734	630	539	388	334	187	2405	1461	3865
35794	36159	2018	2019	1051	735	629	536	388	334	188	2402	1459	3861
36159	36525	2019	2020	1050	735	629	534	388	334	188	2401	1457	3858
36525	36890	2020	2021	1050	735	628	533	388	334	188	2399	1457	3856
36890	37255	2021	2022	1049	736	628	532	388	334	189	2398	1456	3854
37255	37620	2022	2023	1049	736	627	531	387	334	189	2397	1455	3853
37620	37986	2023	2024	1048	736	627	529	387	334	189	2396	1455	3851
37986	38351	2024	2025	1048	737	627	528	387	334	189	2396	1455	3850

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	1048	737	626	527	387	334	190	2395	1454	3849
38716	39081	2026	2027	1048	738	626	527	387	334	190	2394	1454	3849
39081	39447	2027	2028	1048	738	626	526	387	334	190	2394	1454	3848
39447	39812	2028	2029	1047	738	626	525	387	334	191	2393	1454	3847
39812	40177	2029	2030	1047	739	625	524	387	334	191	2393	1454	3847
40177	40542	2030	2031	1047	739	625	524	387	334	191	2393	1454	3846
40542	40908	2031	2032	1047	739	625	523	387	333	191	2392	1454	3846
40908	41273	2032	2033	1047	739	625	523	387	333	191	2392	1454	3846
41273	41638	2033	2034	1047	740	625	522	386	333	192	2392	1454	3845
41638	42003	2034	2035	1047	740	625	522	386	333	192	2392	1454	3845
42003	42369	2035	2036	1047	740	625	522	386	333	192	2391	1454	3845
42369	42734	2036	2037	1047	740	625	522	386	333	192	2391	1454	3845
42734	43099	2037	2038	1047	740	625	522	386	333	192	2391	1454	3845
43099	43464	2038	2039	1047	740	625	522	386	333	192	2391	1454	3845
43464	43830	2039	2040	1047	740	625	521	386	333	192	2391	1454	3845
43830	44195	2040	2041	1047	740	625	521	386	333	192	2391	1454	3845
44195	44560	2041	2042	1047	740	625	521	386	333	192	2391	1454	3845
44560	44925	2042	2043	1047	740	625	521	386	333	192	2391	1454	3845
44925	45291	2043	2044	1047	740	625	521	386	333	192	2391	1454	3845
45291	45656	2044	2045	1047	741	625	521	386	333	192	2391	1454	3845
45656	46021	2045	2046	1047	741	625	521	386	333	192	2391	1454	3845
46021	46386	2046	2047	1047	741	624	521	386	333	192	2391	1454	3845
46386	46752	2047	2048	1047	741	624	521	386	333	193	2391	1454	3845
46752	47117	2048	2049	1047	741	624	521	386	333	193	2391	1454	3845
47117	47482	2049	2050	1047	741	624	520	386	333	193	2391	1454	3845
47482	47847	2050	2051	1047	741	624	520	386	333	193	2391	1454	3845
47847	48213	2051	2052	1047	741	624	520	386	333	193	2391	1454	3845
48213	48578	2052	2053	1047	741	624	520	386	333	193	2390	1454	3844
48578	48943	2053	2054	1047	741	624	520	386	333	193	2390	1454	3844
48943	49308	2054	2055	1047	741	624	520	386	333	193	2390	1454	3844
49308	49674	2055	2056	1047	741	624	520	386	333	193	2390	1454	3844
49674	50039	2056	2057	1047	741	624	520	386	333	193	2390	1454	3844
50039	50404	2057	2058	1047	741	624	520	386	333	193	2390	1454	3844
50404	50769	2058	2059	1047	741	624	520	386	333	193	2390	1454	3844
50769	51135	2059	2060	1047	742	624	520	386	333	193	2390	1454	3844
51135	51500	2060	2061	1047	742	624	519	386	333	193	2390	1454	3844
51500	51865	2061	2062	1047	742	624	519	386	333	193	2390	1454	3844
51865	52230	2062	2063	1047	742	624	519	386	333	193	2390	1454	3844
52230	52596	2063	2064	1046	742	624	519	386	333	193	2390	1454	3844
52596	52961	2064	2065	1046	742	624	519	386	333	193	2390	1454	3844
52961	53326	2065	2066	1046	742	624	519	386	333	193	2390	1454	3844
53326	53691	2066	2067	1046	742	624	519	386	333	194	2390	1454	3844

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)
53691	54057	2067	2068	1046	742	624	519	386	333	194	2390	1454	3844
54057	54422	2068	2069	1046	742	624	519	386	333	194	2390	1455	3844
54422	54787	2069	2070	1046	742	624	519	386	333	194	2390	1455	3844
54787	55152	2070	2071	1046	742	624	519	386	333	194	2390	1455	3844
55152	55518	2071	2072	1046	742	624	519	386	333	194	2390	1455	3844
55518	55883	2072	2073	1046	742	624	518	386	333	194	2390	1455	3844
55883	56248	2073	2074	1046	742	624	518	386	333	194	2390	1455	3844
56248	56613	2074	2075	1046	743	624	518	386	333	194	2390	1455	3844
56613	56979	2075	2076	1046	743	624	518	386	333	194	2389	1455	3844
56979	57344	2076	2077	1046	743	624	518	386	333	194	2389	1455	3844
57344	57709	2077	2078	1046	743	624	518	386	333	194	2389	1455	3844
57709	58074	2078	2079	1046	743	624	518	386	333	194	2389	1455	3844
58074	58440	2079	2080	1046	743	624	518	386	333	194	2389	1455	3844
58440	58805	2080	2081	1046	743	624	518	386	333	194	2389	1455	3844
58805	59170	2081	2082	1046	743	624	518	386	333	194	2389	1455	3844
59170	59535	2082	2083	1046	743	624	518	386	333	194	2389	1455	3844
59535	59901	2083	2084	1046	743	624	518	386	333	194	2389	1455	3844
59901	60266	2084	2085	1046	743	624	518	386	333	194	2389	1455	3844
60266	60631	2085	2086	1046	743	624	518	386	333	194	2389	1455	3844
60631	60996	2086	2087	1046	743	624	517	386	333	195	2389	1455	3844
60996	61362	2087	2088	1046	743	624	517	386	333	195	2389	1455	3844
61362	61727	2088	2089	1046	743	624	517	386	333	195	2389	1455	3844
61727	62092	2089	2090	1046	744	624	517	386	333	195	2389	1455	3844
62092	62457	2090	2091	1046	744	624	517	386	333	195	2389	1455	3844
62457	62823	2091	2092	1046	744	624	517	386	333	195	2389	1456	3844
62823	63188	2092	2093	1046	744	624	517	386	333	195	2389	1456	3844
63188	63553	2093	2094	1046	744	624	517	386	333	195	2389	1456	3845
63553	63918	2094	2095	1046	744	624	517	386	333	195	2389	1456	3845
63918	64284	2095	2096	1046	744	624	517	386	333	195	2389	1456	3844
64284	64649	2096	2097	1046	744	624	517	386	333	195	2389	1456	3844
64649	65014	2097	2098	1046	744	624	517	386	333	195	2389	1456	3845
65014	65379	2098	2099	1046	744	624	517	386	333	195	2389	1456	3845
65379	65745	2099	2100	1046	744	624	517	386	333	195	2389	1456	3845
65745	66110	2100	2101	1046	744	624	517	386	333	195	2389	1456	3845
66110	66475	2101	2102	1046	744	624	517	386	333	195	2389	1456	3845
66475	66840	2102	2103	1046	744	623	516	386	333	195	2389	1456	3845
66840	67206	2103	2104	1046	744	623	516	386	333	195	2389	1456	3845
67206	67571	2104	2105	1046	744	623	516	386	333	195	2389	1456	3845
67571	67936	2105	2106	1046	744	623	516	386	333	195	2389	1456	3845
67936	68301	2106	2107	1046	745	623	516	386	333	195	2388	1456	3845
68301	68667	2107	2108	1046	745	623	516	386	333	196	2388	1456	3845
68667	69032	2108	2109	1046	745	623	516	386	333	196	2388	1456	3845
69032	69397	2109	2110	1046	745	623	516	386	333	196	2388	1456	3845

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	3652	1920	1930	0	8	0	0	0	19	0	399	417	8	425
3652	7305	1930	1940	0	9	0	0	0	21	0	399	420	9	429
7305	14610	1940	1960	0	9	0	0	0	21	0	400	421	9	431
14610	18263	1960	1970	0	14	0	0	0	22	0	400	422	14	436
18263	21915	1970	1980	0	15	0	0	0	22	0	400	422	15	437
21915	24837	1980	1988	0	15	0	0	0	22	0	400	422	15	437
24837	25202	1988	1989	0	15	0	0	0	22	0	400	422	15	437
25202	25567	1989	1990	0	15	0	0	0	22	0	400	422	15	437
25567	25932	1990	1991	0	15	0	0	0	22	0	400	422	15	437
25932	26298	1991	1992	0	15	0	0	0	22	0	400	422	15	437
26298	26663	1992	1993	0	15	0	0	0	22	0	400	422	15	437
26663	27028	1993	1994	0	15	0	0	0	22	0	400	422	15	437
27028	27393	1994	1995	0	15	0	0	0	22	0	400	422	15	438
27393	27759	1995	1996	0	16	0	0	0	22	0	400	422	16	438
27759	28124	1996	1997	0	16	0	0	0	22	0	400	422	16	438
28124	28489	1997	1998	0	16	0	0	0	22	0	400	422	16	438
28489	28854	1998	1999	0	14	0	0	0	22	0	400	422	14	436
28854	29220	1999	2000	0	12	0	0	0	22	0	400	422	12	434
29220	29585	2000	2001	0	11	0	0	0	22	0	400	422	11	433
29585	29950	2001	2002	0	47	0	45	0	21	0	643	664	91	756
29950	30315	2002	2003	0	80	0	65	0	21	0	662	683	145	828
30315	30681	2003	2004	0	100	0	80	0	21	0	658	679	180	859
30681	31046	2004	2005	0	110	0	89	0	21	0	646	667	200	867
31046	31411	2005	2006	0	115	0	94	0	21	0	630	651	210	861
31411	31776	2006	2007	0	116	0	96	0	21	0	614	635	212	847
31776	32142	2007	2008	0	115	0	95	0	21	0	597	618	210	828
32142	32507	2008	2009	0	107	0	89	0	21	0	565	586	197	783
32507	32872	2009	2010	0	104	0	88	0	21	0	561	581	192	773
32872	33237	2010	2011	0	102	0	87	0	21	0	559	579	189	769
33237	33603	2011	2012	0	102	0	86	0	21	0	558	578	188	767
33603	33968	2012	2013	0	102	0	86	0	20	0	557	578	188	766
33968	34333	2013	2014	0	102	0	87	0	20	0	557	577	189	766
34333	34698	2014	2015	0	102	0	87	0	20	0	557	577	189	766
34698	35064	2015	2016	0	103	0	87	0	20	0	557	577	190	767
35064	35429	2016	2017	0	103	0	88	0	20	0	556	577	191	768
35429	35794	2017	2018	0	104	0	88	0	20	0	556	577	192	768
35794	36159	2018	2019	0	104	0	89	0	20	0	556	577	193	769
36159	36525	2019	2020	0	104	0	89	0	20	0	556	576	193	770
36525	36890	2020	2021	0	105	0	89	0	20	0	556	576	194	771
36890	37255	2021	2022	0	105	0	90	0	20	0	556	576	195	771
37255	37620	2022	2023	0	105	0	90	0	20	0	556	576	195	772
37620	37986	2023	2024	0	106	0	90	0	20	0	556	576	196	772
37986	38351	2024	2025	0	106	0	90	0	20	0	556	576	196	773

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	106	0	91	0	20	0	556	576	197	773
38716	39081	2026	2027	0	107	0	91	0	20	0	556	576	197	774
39081	39447	2027	2028	0	107	0	91	0	20	0	556	576	198	774
39447	39812	2028	2029	0	107	0	91	0	20	0	556	576	198	775
39812	40177	2029	2030	0	107	0	91	0	20	0	556	576	199	775
40177	40542	2030	2031	0	107	0	92	0	20	0	556	576	199	775
40542	40908	2031	2032	0	108	0	92	0	20	0	556	576	200	776
40908	41273	2032	2033	0	108	0	92	0	20	0	556	576	200	776
41273	41638	2033	2034	0	108	0	92	0	20	0	556	576	200	776
41638	42003	2034	2035	0	108	0	92	0	20	0	556	576	200	777
42003	42369	2035	2036	0	108	0	92	0	20	0	556	576	200	777
42369	42734	2036	2037	0	108	0	92	0	20	0	556	576	201	777
42734	43099	2037	2038	0	108	0	92	0	20	0	556	576	201	777
43099	43464	2038	2039	0	108	0	92	0	20	0	556	576	201	777
43464	43830	2039	2040	0	108	0	92	0	20	0	556	576	201	777
43830	44195	2040	2041	0	108	0	92	0	20	0	556	576	201	777
44195	44560	2041	2042	0	109	0	93	0	20	0	556	576	201	777
44560	44925	2042	2043	0	109	0	93	0	20	0	556	576	201	777
44925	45291	2043	2044	0	109	0	93	0	20	0	556	576	201	777
45291	45656	2044	2045	0	109	0	93	0	20	0	556	576	201	777
45656	46021	2045	2046	0	109	0	93	0	20	0	556	576	201	778
46021	46386	2046	2047	0	109	0	93	0	20	0	556	576	201	778
46386	46752	2047	2048	0	109	0	93	0	20	0	556	576	202	778
46752	47117	2048	2049	0	109	0	93	0	20	0	556	576	202	778
47117	47482	2049	2050	0	109	0	93	0	20	0	556	576	202	778
47482	47847	2050	2051	0	109	0	93	0	20	0	556	576	202	778
47847	48213	2051	2052	0	109	0	93	0	20	0	556	576	202	778
48213	48578	2052	2053	0	109	0	93	0	20	0	556	576	202	778
48578	48943	2053	2054	0	109	0	93	0	20	0	556	576	202	778
48943	49308	2054	2055	0	109	0	93	0	20	0	556	576	202	778
49308	49674	2055	2056	0	109	0	93	0	20	0	556	576	202	778
49674	50039	2056	2057	0	109	0	93	0	20	0	556	576	202	778
50039	50404	2057	2058	0	109	0	93	0	20	0	556	576	202	779
50404	50769	2058	2059	0	109	0	93	0	20	0	556	576	202	779
50769	51135	2059	2060	0	109	0	93	0	20	0	556	576	203	779
51135	51500	2060	2061	0	109	0	93	0	20	0	556	576	203	779
51500	51865	2061	2062	0	109	0	93	0	20	0	556	576	203	779
51865	52230	2062	2063	0	109	0	93	0	20	0	556	576	203	779
52230	52596	2063	2064	0	109	0	93	0	20	0	556	576	203	779
52596	52961	2064	2065	0	110	0	93	0	20	0	556	576	203	779
52961	53326	2065	2066	0	110	0	93	0	20	0	556	576	203	779
53326	53691	2066	2067	0	110	0	93	0	20	0	556	576	203	779

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)
53691	54057	2067	2068	0	110	0	94	0	20	0	556	576	203	779
54057	54422	2068	2069	0	110	0	94	0	20	0	556	576	203	779
54422	54787	2069	2070	0	110	0	94	0	20	0	556	576	203	779
54787	55152	2070	2071	0	110	0	94	0	20	0	556	576	203	779
55152	55518	2071	2072	0	110	0	94	0	20	0	556	576	203	780
55518	55883	2072	2073	0	110	0	94	0	20	0	556	576	204	780
55883	56248	2073	2074	0	110	0	94	0	20	0	556	576	204	780
56248	56613	2074	2075	0	110	0	94	0	20	0	556	576	204	780
56613	56979	2075	2076	0	110	0	94	0	20	0	556	576	204	780
56979	57344	2076	2077	0	110	0	94	0	20	0	556	576	204	780
57344	57709	2077	2078	0	110	0	94	0	20	0	556	576	204	780
57709	58074	2078	2079	0	110	0	94	0	20	0	556	576	204	780
58074	58440	2079	2080	0	110	0	94	0	20	0	556	576	204	780
58440	58805	2080	2081	0	110	0	94	0	20	0	556	576	204	780
58805	59170	2081	2082	0	110	0	94	0	20	0	556	576	204	780
59170	59535	2082	2083	0	110	0	94	0	20	0	556	576	204	780
59535	59901	2083	2084	0	110	0	94	0	20	0	556	576	204	780
59901	60266	2084	2085	0	110	0	94	0	20	0	556	576	204	781
60266	60631	2085	2086	0	110	0	94	0	20	0	556	576	204	781
60631	60996	2086	2087	0	110	0	94	0	20	0	556	576	205	781
60996	61362	2087	2088	0	110	0	94	0	20	0	556	576	205	781
61362	61727	2088	2089	0	110	0	94	0	20	0	556	576	205	781
61727	62092	2089	2090	0	111	0	94	0	20	0	556	576	205	781
62092	62457	2090	2091	0	111	0	94	0	20	0	556	576	205	781
62457	62823	2091	2092	0	111	0	94	0	20	0	556	576	205	781
62823	63188	2092	2093	0	111	0	94	0	20	0	556	576	205	781
63188	63553	2093	2094	0	111	0	94	0	20	0	556	576	205	781
63553	63918	2094	2095	0	111	0	94	0	20	0	556	576	205	781
63918	64284	2095	2096	0	111	0	94	0	20	0	556	576	205	781
64284	64649	2096	2097	0	111	0	95	0	20	0	556	576	205	781
64649	65014	2097	2098	0	111	0	95	0	20	0	556	576	205	781
65014	65379	2098	2099	0	111	0	95	0	20	0	556	576	205	781
65379	65745	2099	2100	0	111	0	95	0	20	0	556	576	205	782
65745	66110	2100	2101	0	111	0	95	0	20	0	556	576	206	782
66110	66475	2101	2102	0	111	0	95	0	20	0	556	576	206	782
66475	66840	2102	2103	0	111	0	95	0	20	0	556	576	206	782
66840	67206	2103	2104	0	111	0	95	0	20	0	556	576	206	782
67206	67571	2104	2105	0	111	0	95	0	20	0	556	576	206	782
67571	67936	2105	2106	0	111	0	95	0	20	0	556	576	206	782
67936	68301	2106	2107	0	111	0	95	0	20	0	556	576	206	782
68301	68667	2107	2108	0	111	0	95	0	20	0	556	576	206	782
68667	69032	2108	2109	0	111	0	95	0	20	0	556	576	206	782
69032	69397	2109	2110	0	111	0	95	0	20	0	556	576	206	782

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	3652	1920	1930	3.4	2.3	2.4	1.8	3.7	2.4	0.6	11.9	4.7	16.6
3652	7305	1930	1940	2.9	2.1	2.1	1.3	3.1	2.1	0.3	10.2	3.7	13.9
7305	14610	1940	1960	3.0	2.1	2.1	1.4	3.2	2.2	0.3	10.5	3.9	14.3
14610	18263	1960	1970	4.2	2.8	7.2	8.9	3.3	2.2	0.4	16.8	12.1	29.0
18263	21915	1970	1980	4.3	2.9	7.3	9.6	3.3	2.2	0.4	17.1	12.9	30.0
21915	24837	1980	1988	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.2	13.2	30.4
24837	25202	1988	1989	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
25202	25567	1989	1990	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
25567	25932	1990	1991	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
25932	26298	1991	1992	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
26298	26663	1992	1993	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
26663	27028	1993	1994	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.3	30.5
27028	27393	1994	1995	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.3	30.5
27393	27759	1995	1996	4.4	2.9	7.4	10.0	3.3	2.2	0.4	17.3	13.3	30.6
27759	28124	1996	1997	4.4	2.9	7.4	10.0	3.3	2.2	0.4	17.3	13.3	30.6
28124	28489	1997	1998	4.4	2.9	7.4	10.0	3.3	2.2	0.4	17.3	13.3	30.6
28489	28854	1998	1999	4.5	2.9	7.0	9.5	3.5	2.2	0.4	17.2	12.8	30.0
28854	29220	1999	2000	4.5	2.9	6.4	8.7	3.6	2.3	0.5	16.8	12.0	28.8
29220	29585	2000	2001	4.4	2.9	6.1	8.2	3.6	2.3	0.5	16.4	11.5	27.9
29585	29950	2001	2002	5.2	3.4	5.9	8.0	3.8	2.3	0.8	17.2	12.2	29.3
29950	30315	2002	2003	5.5	3.7	5.8	7.7	3.8	2.3	1.0	17.4	12.4	29.8
30315	30681	2003	2004	5.7	3.8	5.6	7.5	3.9	2.3	1.1	17.5	12.4	29.8
30681	31046	2004	2005	5.7	3.9	5.4	7.2	3.9	2.3	1.1	17.4	12.2	29.6
31046	31411	2005	2006	5.8	3.9	5.3	7.0	3.9	2.3	1.2	17.3	12.0	29.3
31411	31776	2006	2007	5.7	3.9	5.1	6.7	3.9	2.3	1.2	17.1	11.8	28.9
31776	32142	2007	2008	5.7	3.9	5.0	6.4	3.9	2.3	1.2	16.9	11.5	28.4
32142	32507	2008	2009	5.5	3.8	4.7	6.1	4.0	2.4	1.2	16.6	11.0	27.6
32507	32872	2009	2010	5.4	3.7	4.6	5.9	3.9	2.4	1.1	16.3	10.7	27.1
32872	33237	2010	2011	5.4	3.7	4.5	5.7	3.9	2.4	1.1	16.2	10.6	26.8
33237	33603	2011	2012	5.3	3.7	4.5	5.7	3.9	2.3	1.1	16.1	10.5	26.6
33603	33968	2012	2013	5.3	3.7	4.5	5.6	3.9	2.3	1.1	16.0	10.4	26.4
33968	34333	2013	2014	5.3	3.7	4.5	5.5	3.9	2.3	1.1	16.0	10.3	26.3
34333	34698	2014	2015	5.3	3.7	4.4	5.5	3.9	2.3	1.1	16.0	10.3	26.2
34698	35064	2015	2016	5.3	3.7	4.4	5.5	3.9	2.3	1.1	15.9	10.2	26.2
35064	35429	2016	2017	5.3	3.7	4.4	5.4	3.9	2.3	1.1	15.9	10.2	26.1
35429	35794	2017	2018	5.3	3.7	4.4	5.4	3.9	2.3	1.1	15.9	10.2	26.1
35794	36159	2018	2019	5.3	3.7	4.4	5.4	3.9	2.3	1.1	15.9	10.2	26.0
36159	36525	2019	2020	5.3	3.7	4.4	5.3	3.9	2.3	1.1	15.9	10.1	26.0
36525	36890	2020	2021	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.9	10.1	26.0
36890	37255	2021	2022	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.9	10.1	26.0
37255	37620	2022	2023	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.8	10.1	26.0
37620	37986	2023	2024	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.8	10.1	26.0
37986	38351	2024	2025	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.8	10.1	25.9

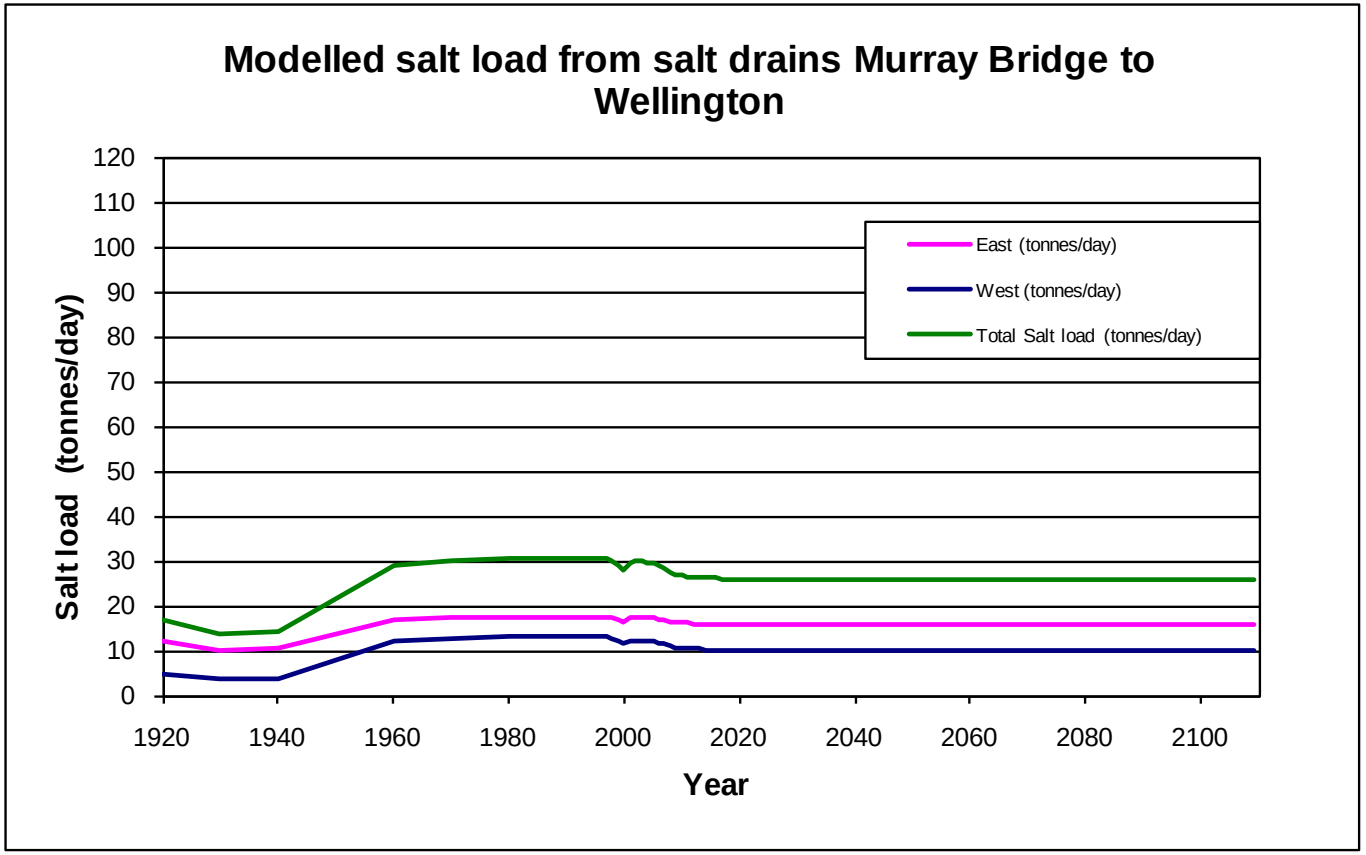
B-6(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3c) (highland to salt drains)

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	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.8	10.1	25.9
38716	39081	2026	2027	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.8	10.1	25.9
39081	39447	2027	2028	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.8	10.1	25.9
39447	39812	2028	2029	5.2	3.7	4.4	5.2	3.9	2.3	1.1	15.8	10.1	25.9
39812	40177	2029	2030	5.2	3.7	4.4	5.2	3.9	2.3	1.1	15.8	10.1	25.9
40177	40542	2030	2031	5.2	3.7	4.4	5.2	3.9	2.3	1.1	15.8	10.1	25.9
40542	40908	2031	2032	5.2	3.7	4.4	5.2	3.9	2.3	1.1	15.8	10.1	25.9
40908	41273	2032	2033	5.2	3.7	4.4	5.2	3.9	2.3	1.1	15.8	10.1	25.9
41273	41638	2033	2034	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
41638	42003	2034	2035	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
42003	42369	2035	2036	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
42369	42734	2036	2037	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
42734	43099	2037	2038	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
43099	43464	2038	2039	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
43464	43830	2039	2040	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
43830	44195	2040	2041	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
44195	44560	2041	2042	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
44560	44925	2042	2043	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
44925	45291	2043	2044	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
45291	45656	2044	2045	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
45656	46021	2045	2046	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
46021	46386	2046	2047	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
46386	46752	2047	2048	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
46752	47117	2048	2049	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
47117	47482	2049	2050	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
47482	47847	2050	2051	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
47847	48213	2051	2052	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
48213	48578	2052	2053	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
48578	48943	2053	2054	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
48943	49308	2054	2055	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
49308	49674	2055	2056	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
49674	50039	2056	2057	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
50039	50404	2057	2058	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
50404	50769	2058	2059	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
50769	51135	2059	2060	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
51135	51500	2060	2061	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
51500	51865	2061	2062	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
51865	52230	2062	2063	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
52230	52596	2063	2064	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
52596	52961	2064	2065	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
52961	53326	2065	2066	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
53326	53691	2066	2067	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9

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)
53691	54057	2067	2068	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
54057	54422	2068	2069	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
54422	54787	2069	2070	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
54787	55152	2070	2071	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
55152	55518	2071	2072	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
55518	55883	2072	2073	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
55883	56248	2073	2074	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
56248	56613	2074	2075	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.9
56613	56979	2075	2076	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
56979	57344	2076	2077	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
57344	57709	2077	2078	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
57709	58074	2078	2079	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
58074	58440	2079	2080	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
58440	58805	2080	2081	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
58805	59170	2081	2082	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
59170	59535	2082	2083	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
59535	59901	2083	2084	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
59901	60266	2084	2085	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
60266	60631	2085	2086	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
60631	60996	2086	2087	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
60996	61362	2087	2088	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
61362	61727	2088	2089	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
61727	62092	2089	2090	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
62092	62457	2090	2091	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
62457	62823	2091	2092	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
62823	63188	2092	2093	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
63188	63553	2093	2094	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
63553	63918	2094	2095	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
63918	64284	2095	2096	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
64284	64649	2096	2097	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
64649	65014	2097	2098	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
65014	65379	2098	2099	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
65379	65745	2099	2100	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
65745	66110	2100	2101	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
66110	66475	2101	2102	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
66475	66840	2102	2103	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
66840	67206	2103	2104	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
67206	67571	2104	2105	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
67571	67936	2105	2106	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
67936	68301	2106	2107	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
68301	68667	2107	2108	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
68667	69032	2108	2109	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
69032	69397	2109	2110	5.2	3.7	4.4	5.2	3.9	2.3	1.2	15.8	10.1	25.8
		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	*3652*	1920	1930	0.0	0.0	0.0	0.0	0.0	0.1	0.0	2.4	***2.5***	***0.0***	2.6
3652	*7305*	1930	1940	0.0	0.0	0.0	0.0	0.0	0.1	0.0	2.4	***2.5***	***0.0***	2.6
7305	*14610*	1940	1960	0.0	0.0	0.0	0.0	0.0	0.1	0.0	2.4	***2.5***	***0.0***	2.6
14610	*18263*	1960	1970	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
18263	*21915*	1970	1980	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
21915	*24837*	1980	1988	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
24837	*25202*	1988	1989	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
25202	*25567*	1989	1990	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
25567	*25932*	1990	1991	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
25932	*26298*	1991	1992	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
26298	*26663*	1992	1993	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
26663	*27028*	1993	1994	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
27028	*27393*	1994	1995	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
27393	*27759*	1995	1996	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
27759	*28124*	1996	1997	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
28124	*28489*	1997	1998	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
28489	*28854*	1998	1999	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
28854	*29220*	1999	2000	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
29220	*29585*	2000	2001	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	***2.6***	***0.1***	2.6
29585	*29950*	2001	2002	0.0	0.2	0.0	0.4	0.0	0.1	0.0	3.9	***4.0***	***0.7***	4.7
29950	*30315*	2002	2003	0.0	0.4	0.0	0.7	0.0	0.1	0.0	4.0	***4.1***	***1.1***	5.2
30315	*30681*	2003	2004	0.0	0.5	0.0	0.8	0.0	0.1	0.0	3.9	***4.1***	***1.3***	5.4
30681	*31046*	2004	2005	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.9	***4.0***	***1.4***	5.5
31046	*31411*	2005	2006	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.8	***3.9***	***1.5***	5.4
31411	*31776*	2006	2007	0.0	0.6	0.0	1.0	0.0	0.1	0.0	3.7	***3.8***	***1.5***	5.4
31776	*32142*	2007	2008	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.6	***3.7***	***1.5***	5.3
32142	*32507*	2008	2009	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.4	***3.5***	***1.4***	5.0
32507	*32872*	2009	2010	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.4	***3.5***	***1.4***	4.9
32872	*33237*	2010	2011	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.4	***3.5***	***1.4***	4.9
33237	*33603*	2011	2012	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	***3.5***	***1.4***	4.9
33603	*33968*	2012	2013	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	***3.5***	***1.4***	4.9
33968	*34333*	2013	2014	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	***3.5***	***1.4***	4.9
34333	*34698*	2014	2015	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	***3.5***	***1.4***	4.9
34698	*35064*	2015	2016	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	***3.5***	***1.4***	4.9
35064	*35429*	2016	2017	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	***3.5***	***1.4***	4.9
35429	*35794*	2017	2018	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	***3.5***	***1.4***	4.9
35794	*36159*	2018	2019	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	***3.5***	***1.4***	4.9
36159	*36525*	2019	2020	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	***3.5***	***1.4***	4.9
36525	*36890*	2020	2021	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	***3.5***	***1.4***	4.9
36890	*37255*	2021	2022	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	***3.5***	***1.4***	4.9
37255	*37620*	2022	2023	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	***3.5***	***1.4***	4.9
37620	*37986*	2023	2024	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	***3.5***	***1.4***	4.9
37986	*38351*	2024	2025	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	***3.5***	***1.4***	4.9

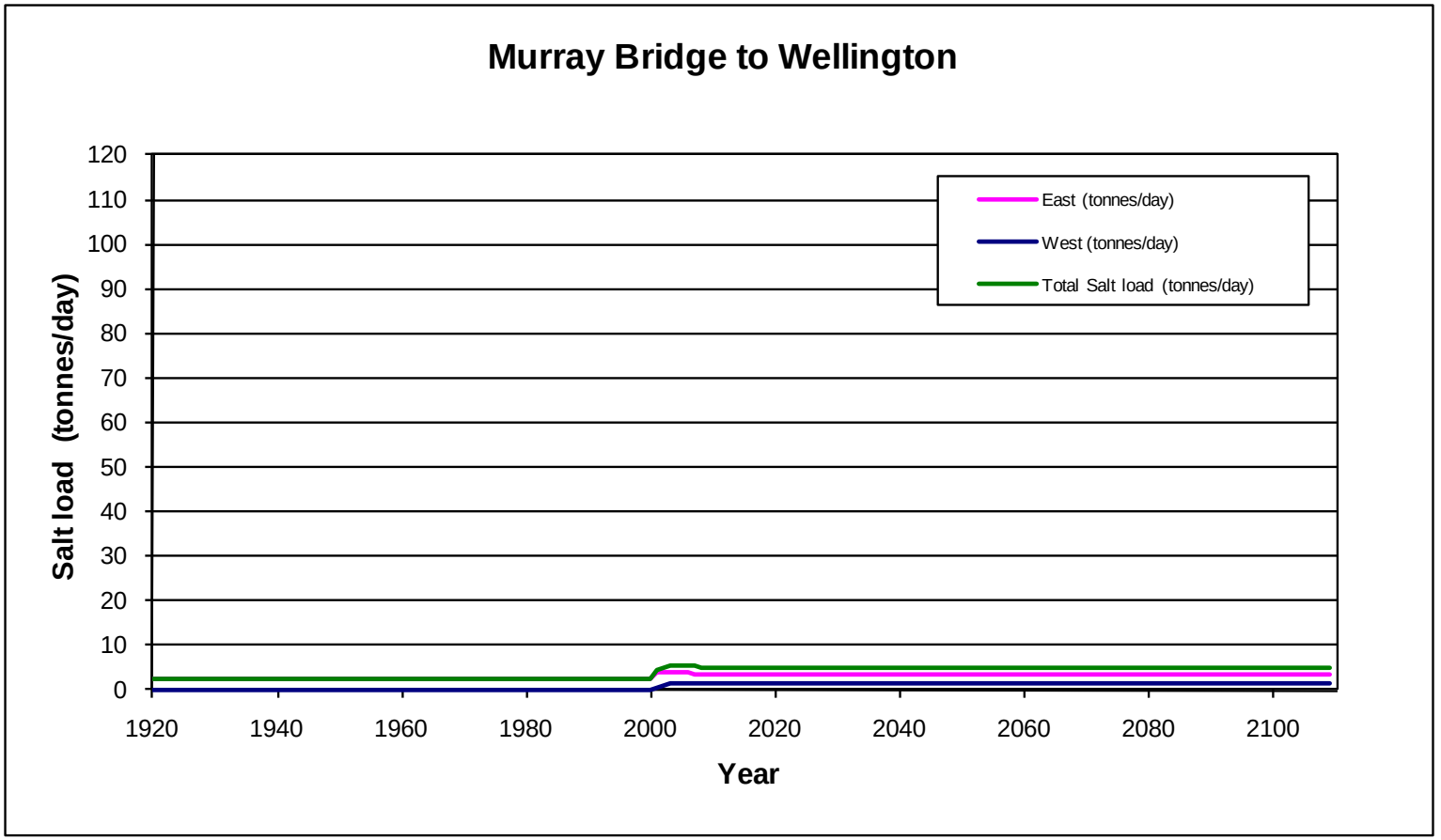
B-6(S3c). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 3c) (floodplain to river)

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	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
38716	39081	2026	2027	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
39081	39447	2027	2028	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
39447	39812	2028	2029	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
39812	40177	2029	2030	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
40177	40542	2030	2031	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
40542	40908	2031	2032	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
40908	41273	2032	2033	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
41273	41638	2033	2034	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
41638	42003	2034	2035	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
42003	42369	2035	2036	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
42369	42734	2036	2037	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
42734	43099	2037	2038	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
43099	43464	2038	2039	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
43464	43830	2039	2040	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
43830	44195	2040	2041	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
44195	44560	2041	2042	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
44560	44925	2042	2043	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
44925	45291	2043	2044	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
45291	45656	2044	2045	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
45656	46021	2045	2046	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
46021	46386	2046	2047	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
46386	46752	2047	2048	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
46752	47117	2048	2049	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
47117	47482	2049	2050	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	4.9
47482	47847	2050	2051	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
47847	48213	2051	2052	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
48213	48578	2052	2053	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
48578	48943	2053	2054	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
48943	49308	2054	2055	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
49308	49674	2055	2056	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
49674	50039	2056	2057	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
50039	50404	2057	2058	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
50404	50769	2058	2059	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
50769	51135	2059	2060	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
51135	51500	2060	2061	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
51500	51865	2061	2062	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
51865	52230	2062	2063	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
52230	52596	2063	2064	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
52596	52961	2064	2065	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
52961	53326	2065	2066	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
53326	53691	2066	2067	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0

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)
53691	54057	2067	2068	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
54057	54422	2068	2069	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
54422	54787	2069	2070	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
54787	55152	2070	2071	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
55152	55518	2071	2072	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
55518	55883	2072	2073	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
55883	56248	2073	2074	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
56248	56613	2074	2075	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
56613	56979	2075	2076	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
56979	57344	2076	2077	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
57344	57709	2077	2078	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
57709	58074	2078	2079	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
58074	58440	2079	2080	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
58440	58805	2080	2081	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
58805	59170	2081	2082	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
59170	59535	2082	2083	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
59535	59901	2083	2084	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
59901	60266	2084	2085	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
60266	60631	2085	2086	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
60631	60996	2086	2087	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
60996	61362	2087	2088	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
61362	61727	2088	2089	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
61727	62092	2089	2090	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
62092	62457	2090	2091	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
62457	62823	2091	2092	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
62823	63188	2092	2093	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
63188	63553	2093	2094	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
63553	63918	2094	2095	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
63918	64284	2095	2096	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
64284	64649	2096	2097	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
64649	65014	2097	2098	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
65014	65379	2098	2099	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
65379	65745	2099	2100	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
65745	66110	2100	2101	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
66110	66475	2101	2102	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
66475	66840	2102	2103	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
66840	67206	2103	2104	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
67206	67571	2104	2105	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
67571	67936	2105	2106	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
67936	68301	2106	2107	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
68301	68667	2107	2108	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
68667	69032	2108	2109	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
69032	69397	2109	2110	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.5	5.0
		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	3652	1920	1930	679	455	347	181	372	342	98	1740	734	2474
3652	7305	1930	1940	574	411	296	135	314	303	46	1487	592	2079
7305	14610	1940	1960	593	419	305	144	322	307	58	1527	620	2147
14610	18263	1960	1970	845	569	1027	893	326	308	62	2506	1523	4030
18263	21915	1970	1980	869	581	1048	961	330	308	65	2556	1607	4162
21915	24837	1980	1988	877	585	1054	986	333	309	66	2572	1637	4209
24837	25202	1988	1989	877	585	1054	987	333	309	67	2573	1639	4212
25202	25567	1989	1990	877	585	1055	988	333	309	67	2574	1640	4214
25567	25932	1990	1991	878	585	1055	990	333	309	67	2574	1642	4216
25932	26298	1991	1992	878	586	1055	991	333	309	67	2575	1643	4218
26298	26663	1992	1993	878	586	1055	992	333	309	67	2576	1644	4220
26663	27028	1993	1994	879	586	1056	993	333	309	67	2576	1645	4222
27028	27393	1994	1995	879	586	1056	993	333	309	67	2577	1647	4223
27393	27759	1995	1996	880	586	1056	995	334	309	67	2578	1649	4227
27759	28124	1996	1997	880	587	1057	997	334	309	68	2579	1651	4231
28124	28489	1997	1998	881	587	1057	999	334	309	68	2581	1654	4234
28489	28854	1998	1999	896	587	996	945	350	320	73	2563	1606	4169
28854	29220	1999	2000	895	581	911	866	364	329	79	2498	1526	4024
29220	29585	2000	2001	875	570	865	820	363	328	77	2431	1467	3898
29585	29950	2001	2002	1034	675	843	799	378	328	133	2584	1606	4191
29950	30315	2002	2003	1104	732	822	773	384	329	162	2639	1668	4307
30315	30681	2003	2004	1137	761	800	748	387	330	178	2654	1687	4341
30681	31046	2004	2005	1149	774	777	722	390	331	188	2647	1684	4331
31046	31411	2005	2006	1150	778	755	696	391	332	193	2629	1667	4296
31411	31776	2006	2007	1143	776	732	671	392	334	196	2601	1643	4244
31776	32142	2007	2008	1131	770	709	645	393	335	196	2567	1611	4179
32142	32507	2008	2009	1108	755	672	608	397	338	197	2515	1561	4076
32507	32872	2009	2010	1087	744	656	587	394	337	192	2474	1523	3997
32872	33237	2010	2011	1075	739	648	574	392	336	189	2451	1502	3954
33237	33603	2011	2012	1068	736	642	565	391	335	187	2437	1489	3926
33603	33968	2012	2013	1063	735	639	559	391	335	187	2427	1480	3908
33968	34333	2013	2014	1059	734	636	553	390	335	187	2421	1474	3895
34333	34698	2014	2015	1057	734	634	549	389	335	187	2415	1469	3884
34698	35064	2015	2016	1055	734	633	545	389	334	187	2411	1466	3877
35064	35429	2016	2017	1053	734	631	542	389	334	187	2407	1463	3870
35429	35794	2017	2018	1052	734	630	539	388	334	187	2405	1461	3865
35794	36159	2018	2019	1051	735	629	536	388	334	188	2402	1459	3861
36159	36525	2019	2020	1050	735	629	534	388	334	188	2401	1457	3858
36525	36890	2020	2021	1050	735	628	533	388	334	188	2399	1457	3856
36890	37255	2021	2022	1049	736	628	532	388	334	189	2398	1456	3854
37255	37620	2022	2023	1049	736	627	531	387	334	189	2397	1455	3853
37620	37986	2023	2024	1048	736	627	529	387	334	189	2396	1455	3851
37986	38351	2024	2025	1096	750	659	533	461	335	198	2552	1481	4033

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	1113	759	667	536	477	337	204	2594	1499	4093
38716	39081	2026	2027	1160	784	679	555	487	338	210	2664	1549	4213
39081	39447	2027	2028	1176	797	685	568	492	340	216	2693	1581	4273
39447	39812	2028	2029	1211	810	691	577	496	340	226	2738	1613	4352
39812	40177	2029	2030	1227	822	698	585	498	341	236	2764	1642	4406
40177	40542	2030	2031	1246	833	720	598	502	342	243	2810	1674	4484
40542	40908	2031	2032	1255	843	732	604	506	342	249	2835	1696	4531
40908	41273	2032	2033	1268	857	744	616	509	342	254	2863	1727	4590
41273	41638	2033	2034	1275	869	752	624	511	343	259	2880	1752	4632
41638	42003	2034	2035	1281	879	757	630	513	343	264	2894	1772	4666
42003	42369	2035	2036	1330	922	804	643	524	343	305	3002	1871	4873
42369	42734	2036	2037	1350	943	824	654	527	343	346	3044	1943	4987
42734	43099	2037	2038	1361	958	836	661	529	344	374	3069	1994	5063
43099	43464	2038	2039	1370	970	844	668	530	344	395	3087	2033	5120
43464	43830	2039	2040	1376	979	849	673	532	344	412	3101	2064	5166
43830	44195	2040	2041	1382	987	854	678	533	344	425	3113	2090	5203
44195	44560	2041	2042	1386	994	857	682	534	345	437	3122	2113	5235
44560	44925	2042	2043	1391	1000	860	685	535	345	447	3130	2133	5263
44925	45291	2043	2044	1394	1006	862	688	536	345	456	3137	2150	5288
45291	45656	2044	2045	1398	1010	864	691	537	345	464	3144	2166	5310
45656	46021	2045	2046	1401	1015	866	694	538	345	471	3150	2180	5330
46021	46386	2046	2047	1403	1019	868	696	538	345	478	3155	2193	5348
46386	46752	2047	2048	1406	1023	869	699	539	345	484	3160	2205	5365
46752	47117	2048	2049	1408	1026	871	701	540	346	489	3164	2216	5380
47117	47482	2049	2050	1411	1029	872	703	540	346	495	3168	2226	5395
47482	47847	2050	2051	1413	1032	873	704	541	346	499	3172	2236	5408
47847	48213	2051	2052	1415	1035	874	706	541	346	504	3176	2245	5421
48213	48578	2052	2053	1417	1037	875	708	542	346	508	3180	2253	5433
48578	48943	2053	2054	1419	1040	876	710	542	346	512	3183	2261	5444
48943	49308	2054	2055	1421	1042	876	711	543	346	515	3186	2268	5454
49308	49674	2055	2056	1422	1044	877	713	543	346	519	3189	2275	5464
49674	50039	2056	2057	1424	1046	878	714	544	346	522	3192	2282	5474
50039	50404	2057	2058	1425	1048	879	715	544	346	525	3194	2288	5483
50404	50769	2058	2059	1427	1050	879	717	545	346	528	3197	2294	5491
50769	51135	2059	2060	1428	1052	880	718	545	347	530	3199	2300	5499
51135	51500	2060	2061	1430	1053	880	719	545	347	533	3202	2305	5507
51500	51865	2061	2062	1431	1055	881	720	546	347	535	3204	2311	5514
51865	52230	2062	2063	1432	1056	881	722	546	347	538	3206	2316	5522
52230	52596	2063	2064	1433	1058	882	723	546	347	540	3208	2320	5529
52596	52961	2064	2065	1435	1059	882	724	547	347	542	3210	2325	5535
52961	53326	2065	2066	1436	1061	883	725	547	347	544	3212	2330	5542
53326	53691	2066	2067	1437	1062	883	726	547	347	546	3214	2334	5548

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)
53691	54057	2067	2068	1438	1063	884	727	547	347	548	3216	2338	5554
54057	54422	2068	2069	1439	1064	884	728	548	347	549	3218	2342	5560
54422	54787	2069	2070	1440	1066	884	729	548	347	551	3219	2346	5565
54787	55152	2070	2071	1441	1067	885	730	548	347	553	3221	2350	5571
55152	55518	2071	2072	1442	1068	885	731	548	347	554	3222	2353	5576
55518	55883	2072	2073	1442	1069	885	732	549	347	556	3224	2357	5581
55883	56248	2073	2074	1443	1070	886	733	549	348	557	3225	2360	5585
56248	56613	2074	2075	1444	1071	886	734	549	348	558	3227	2363	5590
56613	56979	2075	2076	1445	1071	886	735	549	348	560	3228	2366	5594
56979	57344	2076	2077	1446	1072	887	736	550	348	561	3229	2369	5599
57344	57709	2077	2078	1446	1073	887	737	550	348	562	3231	2372	5603
57709	58074	2078	2079	1447	1074	887	738	550	348	563	3232	2375	5607
58074	58440	2079	2080	1448	1075	888	738	550	348	564	3233	2378	5611
58440	58805	2080	2081	1448	1076	888	739	550	348	566	3234	2380	5615
58805	59170	2081	2082	1449	1076	888	740	551	348	567	3235	2383	5618
59170	59535	2082	2083	1450	1077	888	741	551	348	568	3237	2386	5622
59535	59901	2083	2084	1450	1078	889	742	551	348	569	3238	2388	5626
59901	60266	2084	2085	1451	1078	889	742	551	348	570	3239	2390	5629
60266	60631	2085	2086	1451	1079	889	743	551	348	571	3240	2393	5633
60631	60996	2086	2087	1452	1080	889	744	551	348	571	3241	2395	5636
60996	61362	2087	2088	1452	1080	890	745	552	348	572	3242	2397	5639
61362	61727	2088	2089	1453	1081	890	745	552	348	573	3243	2399	5642
61727	62092	2089	2090	1453	1081	890	746	552	348	574	3244	2401	5645
62092	62457	2090	2091	1454	1082	890	747	552	348	575	3245	2403	5648
62457	62823	2091	2092	1454	1083	890	747	552	349	575	3245	2405	5651
62823	63188	2092	2093	1455	1083	891	748	552	349	576	3246	2407	5654
63188	63553	2093	2094	1455	1084	891	749	553	349	577	3247	2409	5657
63553	63918	2094	2095	1456	1084	891	749	553	349	578	3248	2411	5659
63918	64284	2095	2096	1456	1085	891	750	553	349	578	3249	2413	5662
64284	64649	2096	2097	1456	1085	891	751	553	349	579	3250	2415	5665
64649	65014	2097	2098	1457	1086	892	751	553	349	580	3250	2416	5667
65014	65379	2098	2099	1457	1086	892	752	553	349	580	3251	2418	5669
65379	65745	2099	2100	1458	1086	892	753	554	349	581	3252	2420	5672
65745	66110	2100	2101	1458	1087	892	753	554	349	581	3252	2421	5674
66110	66475	2101	2102	1458	1087	892	754	554	349	582	3253	2423	5676
66475	66840	2102	2103	1459	1088	892	754	554	349	583	3254	2424	5678
66840	67206	2103	2104	1459	1088	893	755	554	349	583	3254	2426	5680
67206	67571	2104	2105	1459	1088	893	755	554	349	584	3255	2427	5682
67571	67936	2105	2106	1459	1089	893	756	554	349	584	3256	2428	5684
67936	68301	2106	2107	1460	1089	893	756	554	349	585	3256	2430	5686
68301	68667	2107	2108	1460	1089	893	757	554	349	585	3257	2431	5687
68667	69032	2108	2109	1460	1090	893	757	555	349	585	3257	2432	5689
69032	69397	2109	2110	1460	1090	893	757	555	349	585	3257	2432	5689

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	3652	1920	1930	0	8	0	0	0	19	0	399	417	8	425
3652	7305	1930	1940	0	9	0	0	0	21	0	399	420	9	429
7305	14610	1940	1960	0	9	0	0	0	21	0	400	421	9	431
14610	18263	1960	1970	0	14	0	0	0	22	0	400	422	14	436
18263	21915	1970	1980	0	15	0	0	0	22	0	400	422	15	437
21915	24837	1980	1988	0	15	0	0	0	22	0	400	422	15	437
24837	25202	1988	1989	0	15	0	0	0	22	0	400	422	15	437
25202	25567	1989	1990	0	15	0	0	0	22	0	400	422	15	437
25567	25932	1990	1991	0	15	0	0	0	22	0	400	422	15	437
25932	26298	1991	1992	0	15	0	0	0	22	0	400	422	15	437
26298	26663	1992	1993	0	15	0	0	0	22	0	400	422	15	437
26663	27028	1993	1994	0	15	0	0	0	22	0	400	422	15	437
27028	27393	1994	1995	0	15	0	0	0	22	0	400	422	15	438
27393	27759	1995	1996	0	16	0	0	0	22	0	400	422	16	438
27759	28124	1996	1997	0	16	0	0	0	22	0	400	422	16	438
28124	28489	1997	1998	0	16	0	0	0	22	0	400	422	16	438
28489	28854	1998	1999	0	14	0	0	0	22	0	400	422	14	436
28854	29220	1999	2000	0	12	0	0	0	22	0	400	422	12	434
29220	29585	2000	2001	0	11	0	0	0	22	0	400	422	11	433
29585	29950	2001	2002	0	47	0	45	0	21	0	643	664	91	756
29950	30315	2002	2003	0	80	0	65	0	21	0	662	683	145	828
30315	30681	2003	2004	0	100	0	80	0	21	0	658	679	180	859
30681	31046	2004	2005	0	110	0	89	0	21	0	646	667	200	867
31046	31411	2005	2006	0	115	0	94	0	21	0	630	651	210	861
31411	31776	2006	2007	0	116	0	96	0	21	0	614	635	212	847
31776	32142	2007	2008	0	115	0	95	0	21	0	597	618	210	828
32142	32507	2008	2009	0	107	0	89	0	21	0	565	586	197	783
32507	32872	2009	2010	0	104	0	88	0	21	0	561	581	192	773
32872	33237	2010	2011	0	102	0	87	0	21	0	559	579	189	769
33237	33603	2011	2012	0	102	0	86	0	21	0	558	578	188	767
33603	33968	2012	2013	0	102	0	86	0	20	0	557	578	188	766
33968	34333	2013	2014	0	102	0	87	0	20	0	557	577	189	766
34333	34698	2014	2015	0	102	0	87	0	20	0	557	577	189	766
34698	35064	2015	2016	0	103	0	87	0	20	0	557	577	190	767
35064	35429	2016	2017	0	103	0	88	0	20	0	556	577	191	768
35429	35794	2017	2018	0	104	0	88	0	20	0	556	577	192	768
35794	36159	2018	2019	0	104	0	89	0	20	0	556	577	193	769
36159	36525	2019	2020	0	104	0	89	0	20	0	556	576	193	770
36525	36890	2020	2021	0	105	0	89	0	20	0	556	576	194	771
36890	37255	2021	2022	0	105	0	90	0	20	0	556	576	195	771
37255	37620	2022	2023	0	105	0	90	0	20	0	556	576	195	772
37620	37986	2023	2024	0	106	0	90	0	20	0	556	576	196	772
37986	38351	2024	2025	0	130	0	97	0	20	0	558	578	227	805

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	138	0	99	0	20	0	559	579	236	815
38716	39081	2026	2027	0	151	0	107	0	20	0	560	581	259	839
39081	39447	2027	2028	0	158	0	115	0	20	0	561	581	273	854
39447	39812	2028	2029	0	162	0	120	0	20	0	582	602	282	884
39812	40177	2029	2030	0	166	0	123	0	20	0	586	606	289	895
40177	40542	2030	2031	0	169	0	131	0	20	0	588	608	300	909
40542	40908	2031	2032	0	172	0	134	0	20	0	589	609	306	916
40908	41273	2032	2033	0	184	0	156	0	20	0	590	610	340	950
41273	41638	2033	2034	0	189	0	164	0	20	0	590	610	353	964
41638	42003	2034	2035	0	192	0	169	0	20	0	590	610	361	972
42003	42369	2035	2036	0	196	0	173	0	20	0	623	643	369	1012
42369	42734	2036	2037	0	200	0	177	0	20	0	632	653	377	1029
42734	43099	2037	2038	0	203	0	180	0	20	0	636	657	383	1040
43099	43464	2038	2039	0	206	0	183	0	20	0	638	659	389	1048
43464	43830	2039	2040	0	208	0	186	1	20	0	639	660	394	1054
43830	44195	2040	2041	0	210	0	188	1	20	0	640	661	399	1060
44195	44560	2041	2042	0	212	0	190	2	20	0	640	662	403	1065
44560	44925	2042	2043	0	214	0	193	2	20	0	641	663	407	1070
44925	45291	2043	2044	0	216	0	194	2	20	0	641	663	411	1074
45291	45656	2044	2045	0	218	0	196	2	20	0	641	663	414	1078
45656	46021	2045	2046	0	220	0	198	2	20	0	641	664	418	1081
46021	46386	2046	2047	0	221	0	200	3	20	0	641	664	421	1085
46386	46752	2047	2048	0	223	0	201	3	20	0	641	664	424	1088
46752	47117	2048	2049	0	224	0	203	3	20	0	641	664	427	1091
47117	47482	2049	2050	0	225	0	204	3	20	0	641	664	429	1094
47482	47847	2050	2051	0	227	0	205	3	20	0	641	665	432	1096
47847	48213	2051	2052	0	228	0	206	3	20	0	641	665	434	1099
48213	48578	2052	2053	0	229	0	208	3	20	0	641	665	436	1101
48578	48943	2053	2054	0	230	0	209	3	20	0	641	665	439	1103
48943	49308	2054	2055	0	231	0	210	4	20	0	641	665	441	1106
49308	49674	2055	2056	0	232	0	211	4	20	0	641	665	443	1108
49674	50039	2056	2057	0	233	0	212	4	20	0	641	665	445	1110
50039	50404	2057	2058	0	234	0	213	4	20	0	641	665	446	1112
50404	50769	2058	2059	0	235	0	213	4	20	0	641	665	448	1113
50769	51135	2059	2060	0	236	0	214	4	20	0	641	665	450	1115
51135	51500	2060	2061	0	236	0	215	4	20	0	641	666	451	1117
51500	51865	2061	2062	0	237	0	216	4	20	0	641	666	453	1119
51865	52230	2062	2063	0	238	0	217	4	20	0	641	666	454	1120
52230	52596	2063	2064	0	239	0	217	4	20	0	641	666	456	1122
52596	52961	2064	2065	0	239	0	218	4	20	0	641	666	457	1123
52961	53326	2065	2066	0	240	0	219	4	20	0	641	666	459	1125
53326	53691	2066	2067	0	241	0	219	4	20	0	641	666	460	1126

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)
53691	54057	2067	2068	0	241	0	220	4	20	0	641	666	461	1127
54057	54422	2068	2069	0	242	0	221	4	20	0	641	666	462	1129
54422	54787	2069	2070	0	242	0	221	5	20	0	641	666	464	1130
54787	55152	2070	2071	0	243	0	222	5	20	0	641	666	465	1131
55152	55518	2071	2072	0	243	0	222	5	20	0	641	666	466	1132
55518	55883	2072	2073	0	244	0	223	5	20	0	641	666	467	1133
55883	56248	2073	2074	0	244	0	223	5	20	0	641	666	468	1134
56248	56613	2074	2075	0	245	0	224	5	20	0	641	666	469	1135
56613	56979	2075	2076	0	245	0	224	5	20	0	641	666	470	1136
56979	57344	2076	2077	0	246	0	225	5	20	0	641	667	471	1137
57344	57709	2077	2078	0	246	0	225	5	20	0	641	667	472	1138
57709	58074	2078	2079	0	247	0	226	5	20	0	641	667	473	1139
58074	58440	2079	2080	0	247	0	226	5	20	0	641	667	473	1140
58440	58805	2080	2081	0	248	0	227	5	20	0	641	667	474	1141
58805	59170	2081	2082	0	248	0	227	5	20	0	641	667	475	1142
59170	59535	2082	2083	0	248	0	228	5	20	0	641	667	476	1143
59535	59901	2083	2084	0	249	0	228	5	20	0	641	667	477	1144
59901	60266	2084	2085	0	249	0	228	5	20	0	641	667	477	1144
60266	60631	2085	2086	0	249	0	229	5	20	0	641	667	478	1145
60631	60996	2086	2087	0	250	0	229	5	20	0	641	667	479	1146
60996	61362	2087	2088	0	250	0	229	5	20	0	641	667	480	1147
61362	61727	2088	2089	0	250	0	230	5	21	0	641	667	480	1147
61727	62092	2089	2090	0	251	0	230	5	21	0	641	667	481	1148
62092	62457	2090	2091	0	251	0	230	5	21	0	641	667	482	1149
62457	62823	2091	2092	0	251	0	231	5	21	0	641	667	482	1149
62823	63188	2092	2093	0	252	0	231	5	21	0	641	667	483	1150
63188	63553	2093	2094	0	252	0	231	5	21	0	641	667	483	1151
63553	63918	2094	2095	0	252	0	232	5	21	0	641	667	484	1151
63918	64284	2095	2096	0	252	0	232	5	21	0	641	667	485	1152
64284	64649	2096	2097	0	253	0	232	5	21	0	641	667	485	1153
64649	65014	2097	2098	0	253	0	233	5	21	0	641	668	486	1153
65014	65379	2098	2099	0	253	0	233	6	21	0	641	668	486	1154
65379	65745	2099	2100	0	253	0	233	6	21	0	641	668	487	1154
65745	66110	2100	2101	0	254	0	233	6	21	0	641	668	487	1155
66110	66475	2101	2102	0	254	0	234	6	21	0	641	668	488	1155
66475	66840	2102	2103	0	254	0	234	6	21	0	641	668	488	1156
66840	67206	2103	2104	0	254	0	234	6	21	0	641	668	488	1156
67206	67571	2104	2105	0	255	0	234	6	21	0	641	668	489	1157
67571	67936	2105	2106	0	255	0	235	6	21	0	641	668	489	1157
67936	68301	2106	2107	0	255	0	235	6	21	0	641	668	490	1158
68301	68667	2107	2108	0	255	0	235	6	21	0	642	668	490	1158
68667	69032	2108	2109	0	255	0	235	6	21	0	642	668	491	1158
69032	69397	2109	2110	0	255	0	235	6	21	0	642	668	491	1158

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	3652	1920	1930	3.4	2.3	2.4	1.8	3.7	2.4	0.6	11.9	4.7	16.6
3652	7305	1930	1940	2.9	2.1	2.1	1.3	3.1	2.1	0.3	10.2	3.7	13.9
7305	14610	1940	1960	3.0	2.1	2.1	1.4	3.2	2.2	0.3	10.5	3.9	14.3
14610	18263	1960	1970	4.2	2.8	7.2	8.9	3.3	2.2	0.4	16.8	12.1	29.0
18263	21915	1970	1980	4.3	2.9	7.3	9.6	3.3	2.2	0.4	17.1	12.9	30.0
21915	24837	1980	1988	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.2	13.2	30.4
24837	25202	1988	1989	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
25202	25567	1989	1990	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
25567	25932	1990	1991	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
25932	26298	1991	1992	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
26298	26663	1992	1993	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
26663	27028	1993	1994	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.3	30.5
27028	27393	1994	1995	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.3	30.5
27393	27759	1995	1996	4.4	2.9	7.4	10.0	3.3	2.2	0.4	17.3	13.3	30.6
27759	28124	1996	1997	4.4	2.9	7.4	10.0	3.3	2.2	0.4	17.3	13.3	30.6
28124	28489	1997	1998	4.4	2.9	7.4	10.0	3.3	2.2	0.4	17.3	13.3	30.6
28489	28854	1998	1999	4.5	2.9	7.0	9.5	3.5	2.2	0.4	17.2	12.8	30.0
28854	29220	1999	2000	4.5	2.9	6.4	8.7	3.6	2.3	0.5	16.8	12.0	28.8
29220	29585	2000	2001	4.4	2.9	6.1	8.2	3.6	2.3	0.5	16.4	11.5	27.9
29585	29950	2001	2002	5.2	3.4	5.9	8.0	3.8	2.3	0.8	17.2	12.2	29.3
29950	30315	2002	2003	5.5	3.7	5.8	7.7	3.8	2.3	1.0	17.4	12.4	29.8
30315	30681	2003	2004	5.7	3.8	5.6	7.5	3.9	2.3	1.1	17.5	12.4	29.8
30681	31046	2004	2005	5.7	3.9	5.4	7.2	3.9	2.3	1.1	17.4	12.2	29.6
31046	31411	2005	2006	5.8	3.9	5.3	7.0	3.9	2.3	1.2	17.3	12.0	29.3
31411	31776	2006	2007	5.7	3.9	5.1	6.7	3.9	2.3	1.2	17.1	11.8	28.9
31776	32142	2007	2008	5.7	3.9	5.0	6.4	3.9	2.3	1.2	16.9	11.5	28.4
32142	32507	2008	2009	5.5	3.8	4.7	6.1	4.0	2.4	1.2	16.6	11.0	27.6
32507	32872	2009	2010	5.4	3.7	4.6	5.9	3.9	2.4	1.1	16.3	10.7	27.1
32872	33237	2010	2011	5.4	3.7	4.5	5.7	3.9	2.4	1.1	16.2	10.6	26.8
33237	33603	2011	2012	5.3	3.7	4.5	5.7	3.9	2.3	1.1	16.1	10.5	26.6
33603	33968	2012	2013	5.3	3.7	4.5	5.6	3.9	2.3	1.1	16.0	10.4	26.4
33968	34333	2013	2014	5.3	3.7	4.5	5.5	3.9	2.3	1.1	16.0	10.3	26.3
34333	34698	2014	2015	5.3	3.7	4.4	5.5	3.9	2.3	1.1	16.0	10.3	26.2
34698	35064	2015	2016	5.3	3.7	4.4	5.5	3.9	2.3	1.1	15.9	10.2	26.2
35064	35429	2016	2017	5.3	3.7	4.4	5.4	3.9	2.3	1.1	15.9	10.2	26.1
35429	35794	2017	2018	5.3	3.7	4.4	5.4	3.9	2.3	1.1	15.9	10.2	26.1
35794	36159	2018	2019	5.3	3.7	4.4	5.4	3.9	2.3	1.1	15.9	10.2	26.0
36159	36525	2019	2020	5.3	3.7	4.4	5.3	3.9	2.3	1.1	15.9	10.1	26.0
36525	36890	2020	2021	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.9	10.1	26.0
36890	37255	2021	2022	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.9	10.1	26.0
37255	37620	2022	2023	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.8	10.1	26.0
37620	37986	2023	2024	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.8	10.1	26.0
37986	38351	2024	2025	5.5	3.7	4.6	5.3	4.6	2.3	1.2	17.1	10.3	27.3

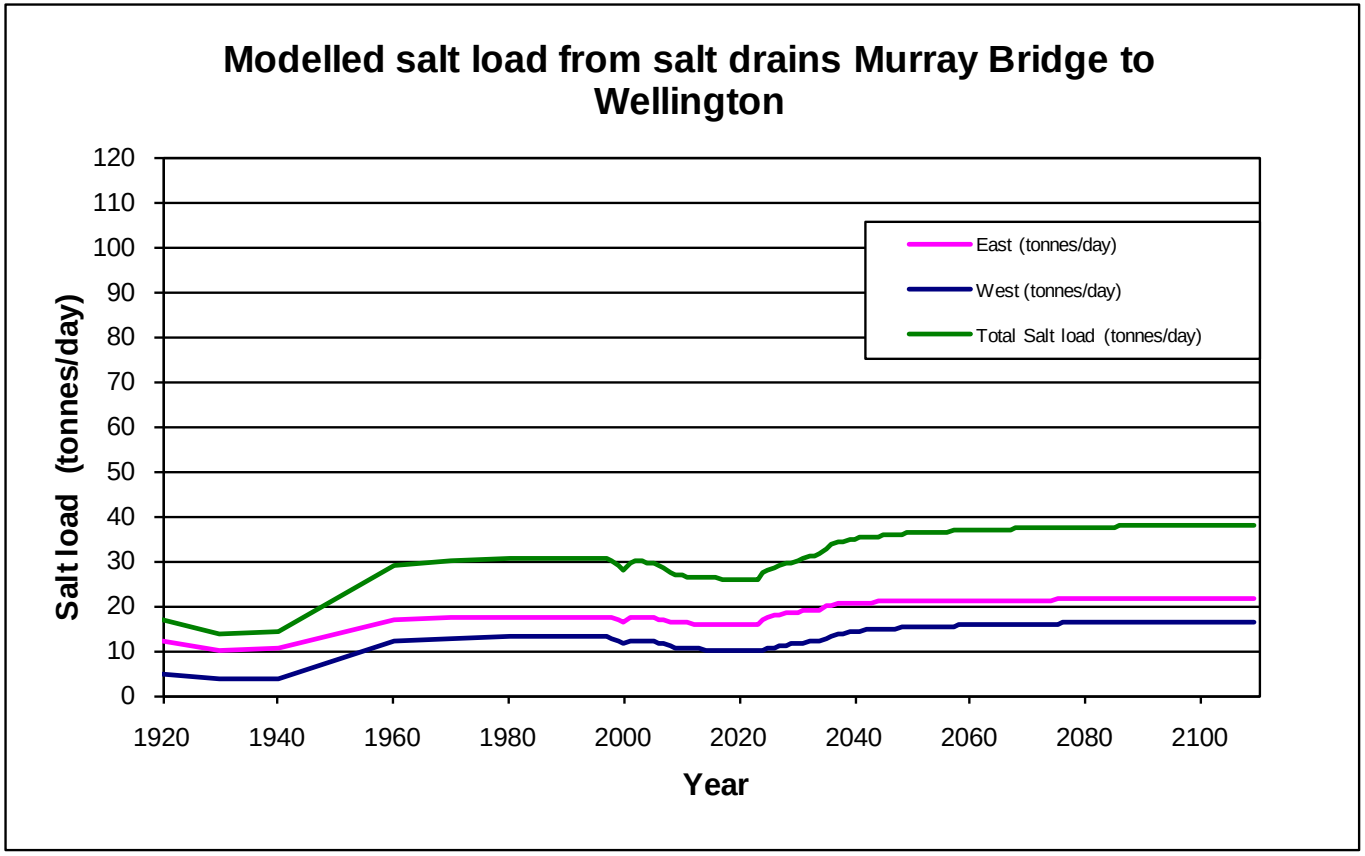
B-6(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 4) (highland to salt drains)

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	5.6	3.8	4.7	5.4	4.8	2.4	1.2	17.4	10.4	27.7
38716	39081	2026	2027	5.8	3.9	4.8	5.6	4.9	2.4	1.3	17.8	10.7	28.5
39081	39447	2027	2028	5.9	4.0	4.8	5.7	4.9	2.4	1.3	18.0	11.0	28.9
39447	39812	2028	2029	6.1	4.0	4.8	5.8	5.0	2.4	1.4	18.2	11.2	29.4
39812	40177	2029	2030	6.1	4.1	4.9	5.9	5.0	2.4	1.4	18.4	11.4	29.8
40177	40542	2030	2031	6.2	4.2	5.0	6.0	5.0	2.4	1.5	18.7	11.6	30.3
40542	40908	2031	2032	6.3	4.2	5.1	6.0	5.1	2.4	1.5	18.9	11.7	30.6
40908	41273	2032	2033	6.3	4.3	5.2	6.2	5.1	2.4	1.5	19.0	12.0	31.0
41273	41638	2033	2034	6.4	4.3	5.3	6.2	5.1	2.4	1.6	19.1	12.1	31.3
41638	42003	2034	2035	6.4	4.4	5.3	6.3	5.1	2.4	1.6	19.2	12.3	31.5
42003	42369	2035	2036	6.7	4.6	5.6	6.4	5.2	2.4	1.8	19.9	12.9	32.8
42369	42734	2036	2037	6.7	4.7	5.8	6.5	5.3	2.4	2.1	20.2	13.3	33.5
42734	43099	2037	2038	6.8	4.8	5.9	6.6	5.3	2.4	2.2	20.3	13.7	34.0
43099	43464	2038	2039	6.8	4.8	5.9	6.7	5.3	2.4	2.4	20.5	13.9	34.4
43464	43830	2039	2040	6.9	4.9	5.9	6.7	5.3	2.4	2.5	20.6	14.1	34.6
43830	44195	2040	2041	6.9	4.9	6.0	6.8	5.3	2.4	2.6	20.6	14.3	34.9
44195	44560	2041	2042	6.9	5.0	6.0	6.8	5.3	2.4	2.6	20.7	14.4	35.1
44560	44925	2042	2043	7.0	5.0	6.0	6.9	5.4	2.4	2.7	20.7	14.5	35.3
44925	45291	2043	2044	7.0	5.0	6.0	6.9	5.4	2.4	2.7	20.8	14.6	35.4
45291	45656	2044	2045	7.0	5.1	6.1	6.9	5.4	2.4	2.8	20.8	14.7	35.6
45656	46021	2045	2046	7.0	5.1	6.1	6.9	5.4	2.4	2.8	20.9	14.8	35.7
46021	46386	2046	2047	7.0	5.1	6.1	7.0	5.4	2.4	2.9	20.9	14.9	35.8
46386	46752	2047	2048	7.0	5.1	6.1	7.0	5.4	2.4	2.9	20.9	15.0	35.9
46752	47117	2048	2049	7.0	5.1	6.1	7.0	5.4	2.4	2.9	21.0	15.1	36.0
47117	47482	2049	2050	7.1	5.1	6.1	7.0	5.4	2.4	3.0	21.0	15.1	36.1
47482	47847	2050	2051	7.1	5.2	6.1	7.0	5.4	2.4	3.0	21.0	15.2	36.2
47847	48213	2051	2052	7.1	5.2	6.1	7.1	5.4	2.4	3.0	21.0	15.3	36.3
48213	48578	2052	2053	7.1	5.2	6.1	7.1	5.4	2.4	3.0	21.0	15.3	36.4
48578	48943	2053	2054	7.1	5.2	6.1	7.1	5.4	2.4	3.1	21.1	15.4	36.4
48943	49308	2054	2055	7.1	5.2	6.1	7.1	5.4	2.4	3.1	21.1	15.4	36.5
49308	49674	2055	2056	7.1	5.2	6.1	7.1	5.4	2.4	3.1	21.1	15.5	36.6
49674	50039	2056	2057	7.1	5.2	6.1	7.1	5.4	2.4	3.1	21.1	15.5	36.6
50039	50404	2057	2058	7.1	5.2	6.1	7.2	5.4	2.4	3.1	21.1	15.5	36.7
50404	50769	2058	2059	7.1	5.2	6.2	7.2	5.4	2.4	3.2	21.2	15.6	36.7
50769	51135	2059	2060	7.1	5.3	6.2	7.2	5.4	2.4	3.2	21.2	15.6	36.8
51135	51500	2060	2061	7.1	5.3	6.2	7.2	5.5	2.4	3.2	21.2	15.7	36.8
51500	51865	2061	2062	7.2	5.3	6.2	7.2	5.5	2.4	3.2	21.2	15.7	36.9
51865	52230	2062	2063	7.2	5.3	6.2	7.2	5.5	2.4	3.2	21.2	15.7	36.9
52230	52596	2063	2064	7.2	5.3	6.2	7.2	5.5	2.4	3.2	21.2	15.8	37.0
52596	52961	2064	2065	7.2	5.3	6.2	7.2	5.5	2.4	3.3	21.2	15.8	37.0
52961	53326	2065	2066	7.2	5.3	6.2	7.3	5.5	2.4	3.3	21.3	15.8	37.1
53326	53691	2066	2067	7.2	5.3	6.2	7.3	5.5	2.4	3.3	21.3	15.8	37.1

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)
53691	54057	2067	2068	7.2	5.3	6.2	7.3	5.5	2.4	3.3	21.3	15.9	37.2
54057	54422	2068	2069	7.2	5.3	6.2	7.3	5.5	2.4	3.3	21.3	15.9	37.2
54422	54787	2069	2070	7.2	5.3	6.2	7.3	5.5	2.4	3.3	21.3	15.9	37.2
54787	55152	2070	2071	7.2	5.3	6.2	7.3	5.5	2.4	3.3	21.3	16.0	37.3
55152	55518	2071	2072	7.2	5.3	6.2	7.3	5.5	2.4	3.3	21.3	16.0	37.3
55518	55883	2072	2073	7.2	5.3	6.2	7.3	5.5	2.4	3.3	21.3	16.0	37.3
55883	56248	2073	2074	7.2	5.3	6.2	7.3	5.5	2.4	3.3	21.3	16.0	37.4
56248	56613	2074	2075	7.2	5.4	6.2	7.3	5.5	2.4	3.4	21.3	16.0	37.4
56613	56979	2075	2076	7.2	5.4	6.2	7.4	5.5	2.4	3.4	21.4	16.1	37.4
56979	57344	2076	2077	7.2	5.4	6.2	7.4	5.5	2.4	3.4	21.4	16.1	37.5
57344	57709	2077	2078	7.2	5.4	6.2	7.4	5.5	2.4	3.4	21.4	16.1	37.5
57709	58074	2078	2079	7.2	5.4	6.2	7.4	5.5	2.4	3.4	21.4	16.1	37.5
58074	58440	2079	2080	7.2	5.4	6.2	7.4	5.5	2.4	3.4	21.4	16.1	37.5
58440	58805	2080	2081	7.2	5.4	6.2	7.4	5.5	2.4	3.4	21.4	16.2	37.6
58805	59170	2081	2082	7.2	5.4	6.2	7.4	5.5	2.4	3.4	21.4	16.2	37.6
59170	59535	2082	2083	7.2	5.4	6.2	7.4	5.5	2.4	3.4	21.4	16.2	37.6
59535	59901	2083	2084	7.3	5.4	6.2	7.4	5.5	2.4	3.4	21.4	16.2	37.6
59901	60266	2084	2085	7.3	5.4	6.2	7.4	5.5	2.4	3.4	21.4	16.2	37.7
60266	60631	2085	2086	7.3	5.4	6.2	7.4	5.5	2.4	3.4	21.4	16.3	37.7
60631	60996	2086	2087	7.3	5.4	6.2	7.4	5.5	2.4	3.4	21.4	16.3	37.7
60996	61362	2087	2088	7.3	5.4	6.2	7.4	5.5	2.4	3.4	21.4	16.3	37.7
61362	61727	2088	2089	7.3	5.4	6.2	7.5	5.5	2.4	3.4	21.4	16.3	37.7
61727	62092	2089	2090	7.3	5.4	6.2	7.5	5.5	2.4	3.4	21.5	16.3	37.8
62092	62457	2090	2091	7.3	5.4	6.2	7.5	5.5	2.4	3.4	21.5	16.3	37.8
62457	62823	2091	2092	7.3	5.4	6.2	7.5	5.5	2.4	3.5	21.5	16.3	37.8
62823	63188	2092	2093	7.3	5.4	6.2	7.5	5.5	2.4	3.5	21.5	16.4	37.8
63188	63553	2093	2094	7.3	5.4	6.2	7.5	5.5	2.4	3.5	21.5	16.4	37.8
63553	63918	2094	2095	7.3	5.4	6.2	7.5	5.5	2.4	3.5	21.5	16.4	37.9
63918	64284	2095	2096	7.3	5.4	6.2	7.5	5.5	2.4	3.5	21.5	16.4	37.9
64284	64649	2096	2097	7.3	5.4	6.2	7.5	5.5	2.4	3.5	21.5	16.4	37.9
64649	65014	2097	2098	7.3	5.4	6.2	7.5	5.5	2.4	3.5	21.5	16.4	37.9
65014	65379	2098	2099	7.3	5.4	6.2	7.5	5.5	2.4	3.5	21.5	16.4	37.9
65379	65745	2099	2100	7.3	5.4	6.2	7.5	5.5	2.4	3.5	21.5	16.4	38.0
65745	66110	2100	2101	7.3	5.4	6.2	7.5	5.5	2.4	3.5	21.5	16.5	38.0
66110	66475	2101	2102	7.3	5.4	6.2	7.5	5.5	2.4	3.5	21.5	16.5	38.0
66475	66840	2102	2103	7.3	5.4	6.2	7.5	5.5	2.4	3.5	21.5	16.5	38.0
66840	67206	2103	2104	7.3	5.4	6.2	7.5	5.5	2.4	3.5	21.5	16.5	38.0
67206	67571	2104	2105	7.3	5.4	6.2	7.6	5.5	2.4	3.5	21.5	16.5	38.0
67571	67936	2105	2106	7.3	5.4	6.2	7.6	5.5	2.4	3.5	21.5	16.5	38.0
67936	68301	2106	2107	7.3	5.4	6.3	7.6	5.5	2.4	3.5	21.5	16.5	38.1
68301	68667	2107	2108	7.3	5.4	6.3	7.6	5.5	2.4	3.5	21.5	16.5	38.1
68667	69032	2108	2109	7.3	5.4	6.3	7.6	5.5	2.4	3.5	21.5	16.5	38.1
69032	69397	2109	2110	7.3	5.4	6.3	7.6	5.5	2.4	3.5	21.5	16.5	38.1
		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	3652	1920	1930	0.0	0.0	0.0	0.0	0.0	0.1	0.0	2.4	2.5	0.0	2.6
3652	7305	1930	1940	0.0	0.0	0.0	0.0	0.0	0.1	0.0	2.4	2.5	0.0	2.6
7305	14610	1940	1960	0.0	0.0	0.0	0.0	0.0	0.1	0.0	2.4	2.5	0.0	2.6
14610	18263	1960	1970	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
18263	21915	1970	1980	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
21915	24837	1980	1988	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
24837	25202	1988	1989	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
25202	25567	1989	1990	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
25567	25932	1990	1991	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
25932	26298	1991	1992	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
26298	26663	1992	1993	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
26663	27028	1993	1994	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
27028	27393	1994	1995	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
27393	27759	1995	1996	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
27759	28124	1996	1997	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
28124	28489	1997	1998	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
28489	28854	1998	1999	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
28854	29220	1999	2000	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
29220	29585	2000	2001	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
29585	29950	2001	2002	0.0	0.2	0.0	0.4	0.0	0.1	0.0	3.9	4.0	0.7	4.7
29950	30315	2002	2003	0.0	0.4	0.0	0.7	0.0	0.1	0.0	4.0	4.1	1.1	5.2
30315	30681	2003	2004	0.0	0.5	0.0	0.8	0.0	0.1	0.0	3.9	4.1	1.3	5.4
30681	31046	2004	2005	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.9	4.0	1.4	5.5
31046	31411	2005	2006	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.8	3.9	1.5	5.4
31411	31776	2006	2007	0.0	0.6	0.0	1.0	0.0	0.1	0.0	3.7	3.8	1.5	5.4
31776	32142	2007	2008	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.6	3.7	1.5	5.3
32142	32507	2008	2009	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.4	3.5	1.4	5.0
32507	32872	2009	2010	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.4	3.5	1.4	4.9
32872	33237	2010	2011	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.4	3.5	1.4	4.9
33237	33603	2011	2012	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
33603	33968	2012	2013	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
33968	34333	2013	2014	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
34333	34698	2014	2015	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
34698	35064	2015	2016	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
35064	35429	2016	2017	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
35429	35794	2017	2018	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
35794	36159	2018	2019	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
36159	36525	2019	2020	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
36525	36890	2020	2021	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
36890	37255	2021	2022	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
37255	37620	2022	2023	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
37620	37986	2023	2024	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
37986	38351	2024	2025	0.0	0.7	0.0	1.0	0.0	0.1	0.0	3.3	3.5	1.6	5.1

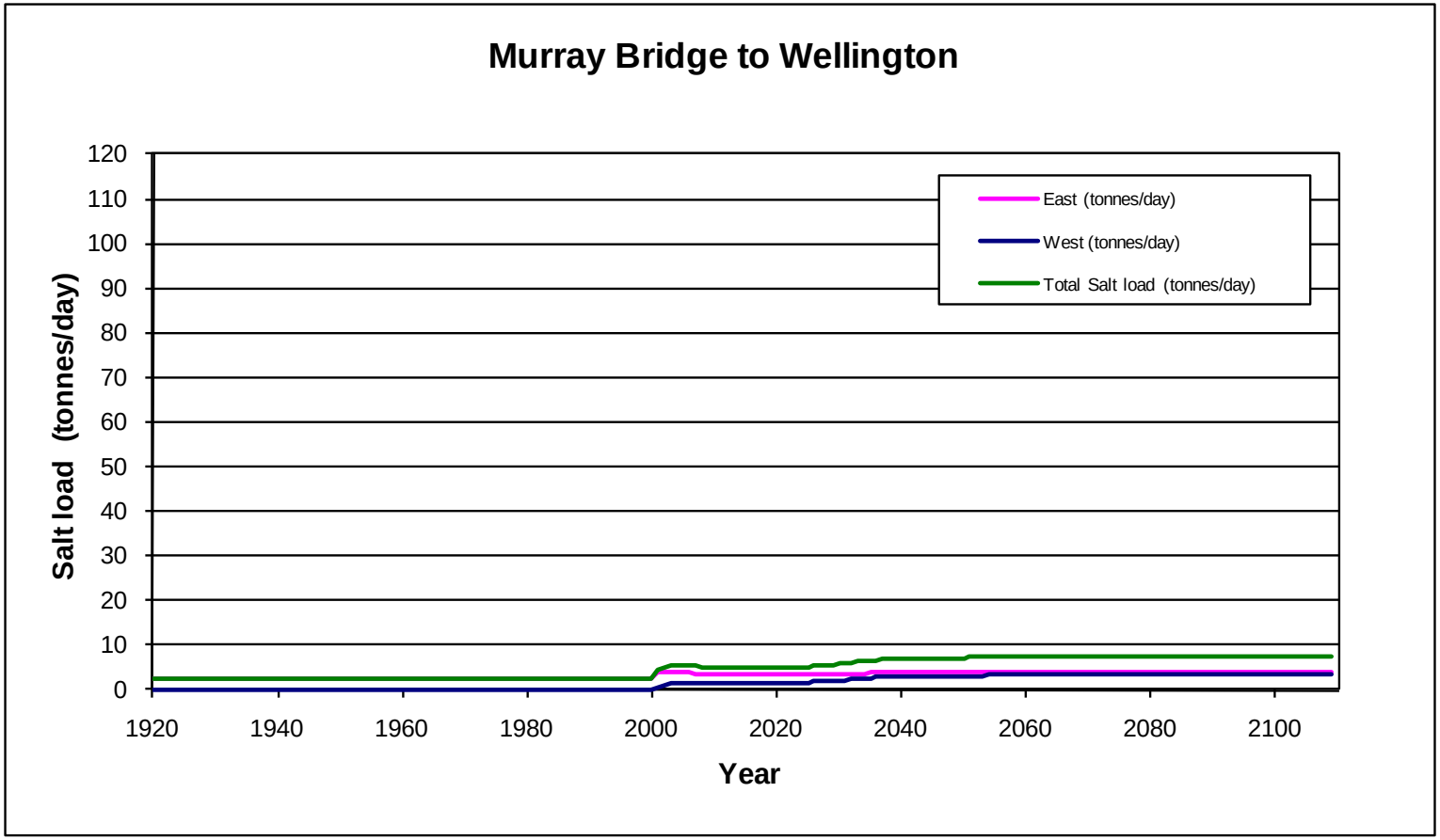
B-6(S4). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 4) (floodplain to river)

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	0.7	0.0	1.0	0.0	0.1	0.0	3.4	3.5	1.7	5.2
38716	39081	2026	2027	0.0	0.8	0.0	1.1	0.0	0.1	0.0	3.4	3.5	1.8	5.3
39081	39447	2027	2028	0.0	0.8	0.0	1.1	0.0	0.1	0.0	3.4	3.5	1.9	5.4
39447	39812	2028	2029	0.0	0.8	0.0	1.2	0.0	0.1	0.0	3.5	3.6	2.0	5.6
39812	40177	2029	2030	0.0	0.8	0.0	1.2	0.0	0.1	0.0	3.5	3.7	2.1	5.7
40177	40542	2030	2031	0.0	0.8	0.0	1.3	0.0	0.1	0.0	3.5	3.7	2.2	5.8
40542	40908	2031	2032	0.0	0.9	0.0	1.3	0.0	0.1	0.0	3.5	3.7	2.2	5.9
40908	41273	2032	2033	0.0	0.9	0.0	1.6	0.0	0.1	0.0	3.5	3.7	2.5	6.2
41273	41638	2033	2034	0.0	0.9	0.0	1.6	0.0	0.1	0.0	3.5	3.7	2.6	6.3
41638	42003	2034	2035	0.0	1.0	0.0	1.7	0.0	0.1	0.0	3.5	3.7	2.6	6.3
42003	42369	2035	2036	0.0	1.0	0.0	1.7	0.0	0.1	0.0	3.7	3.9	2.7	6.6
42369	42734	2036	2037	0.0	1.0	0.0	1.8	0.0	0.1	0.0	3.8	3.9	2.8	6.7
42734	43099	2037	2038	0.0	1.0	0.0	1.8	0.0	0.1	0.0	3.8	4.0	2.8	6.8
43099	43464	2038	2039	0.0	1.0	0.0	1.8	0.0	0.1	0.0	3.8	4.0	2.9	6.8
43464	43830	2039	2040	0.0	1.0	0.0	1.9	0.0	0.1	0.0	3.8	4.0	2.9	6.9
43830	44195	2040	2041	0.0	1.1	0.0	1.9	0.0	0.1	0.0	3.8	4.0	2.9	6.9
44195	44560	2041	2042	0.0	1.1	0.0	1.9	0.0	0.1	0.0	3.8	4.0	3.0	7.0
44560	44925	2042	2043	0.0	1.1	0.0	1.9	0.0	0.1	0.0	3.8	4.0	3.0	7.0
44925	45291	2043	2044	0.0	1.1	0.0	1.9	0.0	0.1	0.0	3.8	4.0	3.0	7.0
45291	45656	2044	2045	0.0	1.1	0.0	2.0	0.0	0.1	0.0	3.8	4.0	3.1	7.1
45656	46021	2045	2046	0.0	1.1	0.0	2.0	0.0	0.1	0.0	3.8	4.0	3.1	7.1
46021	46386	2046	2047	0.0	1.1	0.0	2.0	0.0	0.1	0.0	3.8	4.0	3.1	7.1
46386	46752	2047	2048	0.0	1.1	0.0	2.0	0.0	0.1	0.0	3.8	4.0	3.1	7.1
46752	47117	2048	2049	0.0	1.1	0.0	2.0	0.0	0.1	0.0	3.8	4.0	3.1	7.2
47117	47482	2049	2050	0.0	1.1	0.0	2.0	0.0	0.1	0.0	3.8	4.0	3.2	7.2
47482	47847	2050	2051	0.0	1.1	0.0	2.1	0.0	0.1	0.0	3.8	4.0	3.2	7.2
47847	48213	2051	2052	0.0	1.1	0.0	2.1	0.0	0.1	0.0	3.8	4.0	3.2	7.2
48213	48578	2052	2053	0.0	1.1	0.0	2.1	0.0	0.1	0.0	3.8	4.0	3.2	7.2
48578	48943	2053	2054	0.0	1.1	0.0	2.1	0.0	0.1	0.0	3.8	4.0	3.2	7.3
48943	49308	2054	2055	0.0	1.2	0.0	2.1	0.0	0.1	0.0	3.8	4.0	3.3	7.3
49308	49674	2055	2056	0.0	1.2	0.0	2.1	0.0	0.1	0.0	3.8	4.0	3.3	7.3
49674	50039	2056	2057	0.0	1.2	0.0	2.1	0.0	0.1	0.0	3.8	4.0	3.3	7.3
50039	50404	2057	2058	0.0	1.2	0.0	2.1	0.0	0.1	0.0	3.8	4.0	3.3	7.3
50404	50769	2058	2059	0.0	1.2	0.0	2.1	0.0	0.1	0.0	3.8	4.0	3.3	7.3
50769	51135	2059	2060	0.0	1.2	0.0	2.1	0.0	0.1	0.0	3.8	4.0	3.3	7.3
51135	51500	2060	2061	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.3	7.4
51500	51865	2061	2062	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.3	7.4
51865	52230	2062	2063	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.4	7.4
52230	52596	2063	2064	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.4	7.4
52596	52961	2064	2065	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.4	7.4
52961	53326	2065	2066	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.4	7.4
53326	53691	2066	2067	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.4	7.4

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) (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	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.4	7.4
54057	54422	2068	2069	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.4	7.5
54422	54787	2069	2070	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.4	7.5
54787	55152	2070	2071	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.4	7.5
55152	55518	2071	2072	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.4	7.5
55518	55883	2072	2073	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.4	7.5
55883	56248	2073	2074	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.5	7.5
56248	56613	2074	2075	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.5	7.5
56613	56979	2075	2076	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.5	7.5
56979	57344	2076	2077	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.5	7.5
57344	57709	2077	2078	0.0	1.2	0.0	2.3	0.0	0.1	0.0	3.8	4.0	3.5	7.5
57709	58074	2078	2079	0.0	1.2	0.0	2.3	0.0	0.1	0.0	3.8	4.0	3.5	7.5
58074	58440	2079	2080	0.0	1.2	0.0	2.3	0.0	0.1	0.0	3.8	4.0	3.5	7.5
58440	58805	2080	2081	0.0	1.2	0.0	2.3	0.0	0.1	0.0	3.8	4.0	3.5	7.5
58805	59170	2081	2082	0.0	1.2	0.0	2.3	0.0	0.1	0.0	3.8	4.0	3.5	7.6
59170	59535	2082	2083	0.0	1.2	0.0	2.3	0.0	0.1	0.0	3.8	4.0	3.5	7.6
59535	59901	2083	2084	0.0	1.2	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.5	7.6
59901	60266	2084	2085	0.0	1.2	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.5	7.6
60266	60631	2085	2086	0.0	1.2	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.5	7.6
60631	60996	2086	2087	0.0	1.2	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.5	7.6
60996	61362	2087	2088	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.5	7.6
61362	61727	2088	2089	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.6	7.6
61727	62092	2089	2090	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.6	7.6
62092	62457	2090	2091	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.6	7.6
62457	62823	2091	2092	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.6	7.6
62823	63188	2092	2093	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.6	7.6
63188	63553	2093	2094	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.6	7.6
63553	63918	2094	2095	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.6	7.6
63918	64284	2095	2096	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.6	7.6
64284	64649	2096	2097	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.6	7.6
64649	65014	2097	2098	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.6	7.6
65014	65379	2098	2099	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.6	7.6
65379	65745	2099	2100	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.6	7.6
65745	66110	2100	2101	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.6	7.7
66110	66475	2101	2102	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.6	7.7
66475	66840	2102	2103	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.6	7.7
66840	67206	2103	2104	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.6	7.7
67206	67571	2104	2105	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.6	7.7
67571	67936	2105	2106	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.6	7.7
67936	68301	2106	2107	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.6	7.7
68301	68667	2107	2108	0.0	1.3	0.0	2.4	0.1	0.1	0.0	3.8	4.1	3.6	7.7
68667	69032	2108	2109	0.0	1.3	0.0	2.4	0.1	0.1	0.0	3.8	4.1	3.6	7.7
69032	69397	2109	2110	0.0	1.3	0.0	2.4	0.1	0.1	0.0	3.8	4.1	3.6	7.7
		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*	679	455	347	181	372	342	98	***1740***	***734***	**2474**
3652	*7305*	*1930*	*1940*	574	411	296	135	314	303	46	***1487***	***592***	**2079**
7305	*14610*	*1940*	*1960*	593	419	305	144	322	307	58	***1527***	***620***	**2147**
14610	*18263*	*1960*	*1970*	845	569	1027	893	326	308	62	***2506***	***1523***	**4030**
18263	*21915*	*1970*	*1980*	869	581	1048	961	330	308	65	***2556***	***1607***	**4162**
21915	*24837*	*1980*	*1988*	877	585	1054	986	333	309	66	***2572***	***1637***	**4209**
24837	*25202*	*1988*	*1989*	877	585	1054	987	333	309	67	***2573***	***1639***	**4212**
25202	*25567*	*1989*	*1990*	877	585	1055	988	333	309	67	***2574***	***1640***	**4214**
25567	*25932*	*1990*	*1991*	878	585	1055	990	333	309	67	***2574***	***1642***	**4216**
25932	*26298*	*1991*	*1992*	878	586	1055	991	333	309	67	***2575***	***1643***	**4218**
26298	*26663*	*1992*	*1993*	878	586	1055	992	333	309	67	***2576***	***1644***	**4220**
26663	*27028*	*1993*	*1994*	879	586	1056	993	333	309	67	***2576***	***1645***	**4222**
27028	*27393*	*1994*	*1995*	879	586	1056	993	333	309	67	***2577***	***1647***	**4223**
27393	*27759*	*1995*	*1996*	880	586	1056	995	334	309	67	***2578***	***1649***	**4227**
27759	*28124*	*1996*	*1997*	880	587	1057	997	334	309	68	***2579***	***1651***	**4231**
28124	*28489*	*1997*	*1998*	881	587	1057	999	334	309	68	***2581***	***1654***	**4234**
28489	*28854*	*1998*	*1999*	896	587	996	945	350	320	73	***2563***	***1606***	**4169**
28854	*29220*	*1999*	*2000*	895	581	911	866	364	329	79	***2498***	***1526***	**4024**
29220	*29585*	*2000*	*2001*	875	570	865	820	363	328	77	***2431***	***1467***	**3898**
29585	*29950*	*2001*	*2002*	1034	675	843	799	378	328	133	***2584***	***1606***	**4191**
29950	*30315*	*2002*	*2003*	1104	732	822	773	384	329	162	***2639***	***1668***	**4307**
30315	*30681*	*2003*	*2004*	1137	761	800	748	387	330	178	***2654***	***1687***	**4341**
30681	*31046*	*2004*	*2005*	1149	774	777	722	390	331	188	***2647***	***1684***	**4331**
31046	*31411*	*2005*	*2006*	1150	778	755	696	391	332	193	***2629***	***1667***	**4296**
31411	*31776*	*2006*	*2007*	1143	776	732	671	392	334	196	***2601***	***1643***	**4244**
31776	*32142*	*2007*	*2008*	1131	770	709	645	393	335	196	***2567***	***1611***	**4179**
32142	*32507*	*2008*	*2009*	1108	755	672	608	397	338	197	***2515***	***1561***	**4076**
32507	*32872*	*2009*	*2010*	1087	744	656	587	394	337	192	***2474***	***1523***	**3997**
32872	*33237*	*2010*	*2011*	1075	739	648	574	392	336	189	***2451***	***1502***	**3954**
33237	*33603*	*2011*	*2012*	1068	736	642	565	391	335	187	***2437***	***1489***	**3926**
33603	*33968*	*2012*	*2013*	1063	735	639	559	391	335	187	***2427***	***1480***	**3908**
33968	*34333*	*2013*	*2014*	1059	734	636	553	390	335	187	***2421***	***1474***	**3895**
34333	*34698*	*2014*	*2015*	1057	734	634	549	389	335	187	***2415***	***1469***	**3884**
34698	*35064*	*2015*	*2016*	1055	734	633	545	389	334	187	***2411***	***1466***	**3877**
35064	*35429*	*2016*	*2017*	1053	734	631	542	389	334	187	***2407***	***1463***	**3870**
35429	*35794*	*2017*	*2018*	1052	734	630	539	388	334	187	***2405***	***1461***	**3865**
35794	*36159*	*2018*	*2019*	1051	735	629	536	388	334	188	***2402***	***1459***	**3861**
36159	*36525*	*2019*	*2020*	1050	735	629	534	388	334	188	***2401***	***1457***	**3858**
36525	*36890*	*2020*	*2021*	1050	735	628	533	388	334	188	***2399***	***1457***	**3856**
36890	*37255*	*2021*	*2022*	1049	736	628	532	388	334	189	***2398***	***1456***	**3854**
37255	*37620*	*2022*	*2023*	1049	736	627	531	387	334	189	***2397***	***1455***	**3853**
37620	*37986*	*2023*	*2024*	1048	736	627	529	387	334	189	***2396***	***1455***	**3851**
37986	*38351*	*2024*	*2025*	1096	750	659	533	461	335	198	***2552***	***1481***	**4033**

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	1113	759	667	536	477	337	204	2594	1499	4093
38716	39081	2026	2027	1160	784	679	555	487	338	210	2664	1549	4213
39081	39447	2027	2028	1176	797	685	568	492	340	216	2693	1581	4273
39447	39812	2028	2029	1211	810	691	577	496	340	226	2738	1613	4352
39812	40177	2029	2030	1227	822	698	585	498	341	236	2764	1642	4406
40177	40542	2030	2031	1246	833	720	598	502	342	243	2810	1674	4484
40542	40908	2031	2032	1255	843	732	604	506	342	249	2835	1696	4531
40908	41273	2032	2033	1268	857	744	616	509	342	254	2863	1727	4590
41273	41638	2033	2034	1275	869	752	624	511	343	259	2880	1752	4632
41638	42003	2034	2035	1281	879	757	630	513	343	264	2894	1772	4666
42003	42369	2035	2036	1330	922	804	643	524	343	305	3002	1871	4873
42369	42734	2036	2037	1350	943	824	654	527	343	346	3044	1943	4987
42734	43099	2037	2038	1361	958	836	661	529	344	374	3069	1994	5063
43099	43464	2038	2039	1370	970	844	668	530	344	395	3087	2033	5120
43464	43830	2039	2040	1376	979	849	673	532	344	412	3101	2064	5166
43830	44195	2040	2041	1382	987	854	678	533	344	425	3113	2090	5203
44195	44560	2041	2042	1386	994	857	682	534	345	437	3122	2113	5235
44560	44925	2042	2043	1391	1000	860	685	535	345	447	3130	2133	5263
44925	45291	2043	2044	1394	1006	862	688	536	345	456	3137	2150	5288
45291	45656	2044	2045	1398	1010	864	691	537	345	464	3144	2166	5310
45656	46021	2045	2046	1401	1015	866	694	538	345	471	3150	2180	5330
46021	46386	2046	2047	1403	1019	868	696	538	345	478	3155	2193	5348
46386	46752	2047	2048	1406	1023	869	699	539	345	484	3160	2205	5365
46752	47117	2048	2049	1408	1026	871	701	540	346	489	3164	2216	5380
47117	47482	2049	2050	1411	1029	872	703	540	346	495	3168	2226	5395
47482	47847	2050	2051	1413	1032	873	704	541	346	499	3172	2236	5408
47847	48213	2051	2052	1415	1035	874	706	541	346	504	3176	2245	5421
48213	48578	2052	2053	1417	1037	875	708	542	346	508	3180	2253	5433
48578	48943	2053	2054	1419	1040	876	710	542	346	512	3183	2261	5444
48943	49308	2054	2055	1421	1042	876	711	543	346	515	3186	2268	5454
49308	49674	2055	2056	1422	1044	877	713	557	346	519	3203	2275	5478
49674	50039	2056	2057	1424	1046	878	714	566	346	522	3214	2282	5496
50039	50404	2057	2058	1425	1048	879	715	571	347	525	3222	2288	5510
50404	50769	2058	2059	1427	1050	879	717	574	347	528	3227	2294	5521
50769	51135	2059	2060	1428	1052	880	718	577	347	530	3232	2300	5532
51135	51500	2060	2061	1430	1053	880	719	579	348	533	3236	2305	5541
51500	51865	2061	2062	1431	1055	881	720	580	348	535	3240	2311	5551
51865	52230	2062	2063	1432	1056	881	722	581	348	538	3243	2316	5559
52230	52596	2063	2064	1433	1058	882	723	582	349	540	3246	2320	5567
52596	52961	2064	2065	1434	1059	882	724	583	349	542	3249	2325	5574
52961	53326	2065	2066	1436	1061	883	725	584	349	544	3252	2329	5581
53326	53691	2066	2067	1437	1062	883	726	585	349	546	3254	2334	5588

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	1438	1063	884	727	586	350	548	3257	2338	5594
54057	54422	2068	2069	1439	1064	884	728	586	350	549	3259	2342	5601
54422	54787	2069	2070	1440	1065	885	729	587	350	551	3261	2345	5607
54787	55152	2070	2071	1441	1066	885	730	587	350	553	3263	2349	5612
55152	55518	2071	2072	1441	1067	885	731	588	350	554	3265	2353	5618
55518	55883	2072	2073	1442	1068	886	732	588	350	555	3267	2356	5623
55883	56248	2073	2074	1443	1069	886	733	589	351	557	3268	2359	5628
56248	56613	2074	2075	1444	1070	887	734	589	351	558	3270	2362	5633
56613	56979	2075	2076	1445	1071	887	735	590	351	560	3272	2366	5638
56979	57344	2076	2077	1445	1072	887	736	590	351	561	3274	2369	5642
57344	57709	2077	2078	1446	1073	888	737	590	351	562	3275	2372	5647
57709	58074	2078	2079	1447	1074	888	738	591	351	563	3277	2375	5651
58074	58440	2079	2080	1448	1075	888	738	591	351	564	3278	2378	5656
58440	58805	2080	2081	1448	1076	889	739	591	351	566	3280	2380	5660
58805	59170	2081	2082	1449	1076	889	740	592	352	567	3281	2383	5664
59170	59535	2082	2083	1450	1077	889	741	592	352	568	3282	2386	5668
59535	59901	2083	2084	1450	1078	889	742	592	352	569	3284	2388	5672
59901	60266	2084	2085	1451	1078	890	742	592	352	570	3285	2390	5675
60266	60631	2085	2086	1451	1079	890	743	593	352	571	3286	2393	5679
60631	60996	2086	2087	1452	1080	890	744	593	352	571	3287	2395	5682
60996	61362	2087	2088	1452	1080	890	745	593	352	572	3288	2397	5685
61362	61727	2088	2089	1453	1081	891	745	593	352	573	3289	2399	5688
61727	62092	2089	2090	1453	1081	891	746	594	352	574	3290	2401	5692
62092	62457	2090	2091	1454	1082	891	747	594	352	575	3291	2403	5695
62457	62823	2091	2092	1454	1082	891	747	594	352	575	3292	2405	5697
62823	63188	2092	2093	1455	1083	892	748	594	352	576	3293	2407	5700
63188	63553	2093	2094	1455	1083	892	748	594	353	577	3294	2408	5702
63553	63918	2094	2095	1456	1084	892	749	595	353	577	3295	2410	5705
63918	64284	2095	2096	1456	1084	892	750	595	353	578	3295	2411	5707
64284	64649	2096	2097	1456	1085	892	750	595	353	578	3296	2413	5709
64649	65014	2097	2098	1457	1085	892	751	595	353	579	3297	2414	5711
65014	65379	2098	2099	1457	1085	893	751	595	353	579	3298	2416	5714
65379	65745	2099	2100	1457	1086	893	752	595	353	580	3298	2418	5716
65745	66110	2100	2101	1458	1086	893	752	596	353	581	3299	2419	5718
66110	66475	2101	2102	1458	1087	893	753	596	353	581	3300	2421	5721
66475	66840	2102	2103	1458	1087	893	753	596	353	582	3301	2422	5723
66840	67206	2103	2104	1459	1087	894	754	596	353	582	3301	2424	5725
67206	67571	2104	2105	1459	1088	894	754	596	353	583	3302	2425	5727
67571	67936	2105	2106	1459	1088	894	755	596	353	583	3303	2427	5730
67936	68301	2106	2107	1460	1089	894	756	596	353	584	3304	2428	5732
68301	68667	2107	2108	1460	1089	894	756	597	353	584	3304	2430	5734
68667	69032	2108	2109	1460	1089	894	757	597	353	585	3305	2431	5736
69032	69397	2109	2110	1460	1089	894	757	597	353	585	3305	2431	5736

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	8	0	0	0	19	0	399	***417***	***8***	**425**
3652	*7305*	1930	1940	0	9	0	0	0	21	0	399	***420***	***9***	**429**
7305	*14610*	1940	1960	0	9	0	0	0	21	0	400	***421***	***9***	**431**
14610	*18263*	1960	1970	0	14	0	0	0	22	0	400	***422***	***14***	**436**
18263	*21915*	1970	1980	0	15	0	0	0	22	0	400	***422***	***15***	**437**
21915	*24837*	1980	1988	0	15	0	0	0	22	0	400	***422***	***15***	**437**
24837	*25202*	1988	1989	0	15	0	0	0	22	0	400	***422***	***15***	**437**
25202	*25567*	1989	1990	0	15	0	0	0	22	0	400	***422***	***15***	**437**
25567	*25932*	1990	1991	0	15	0	0	0	22	0	400	***422***	***15***	**437**
25932	*26298*	1991	1992	0	15	0	0	0	22	0	400	***422***	***15***	**437**
26298	*26663*	1992	1993	0	15	0	0	0	22	0	400	***422***	***15***	**437**
26663	*27028*	1993	1994	0	15	0	0	0	22	0	400	***422***	***15***	**437**
27028	*27393*	1994	1995	0	15	0	0	0	22	0	400	***422***	***15***	**438**
27393	*27759*	1995	1996	0	16	0	0	0	22	0	400	***422***	***16***	**438**
27759	*28124*	1996	1997	0	16	0	0	0	22	0	400	***422***	***16***	**438**
28124	*28489*	1997	1998	0	16	0	0	0	22	0	400	***422***	***16***	**438**
28489	*28854*	1998	1999	0	14	0	0	0	22	0	400	***422***	***14***	**436**
28854	*29220*	1999	2000	0	12	0	0	0	22	0	400	***422***	***12***	**434**
29220	*29585*	2000	2001	0	11	0	0	0	22	0	400	***422***	***11***	**433**
29585	*29950*	2001	2002	0	47	0	45	0	21	0	643	***664***	***91***	**756**
29950	*30315*	2002	2003	0	80	0	65	0	21	0	662	***683***	***145***	**828**
30315	*30681*	2003	2004	0	100	0	80	0	21	0	658	***679***	***180***	**859**
30681	*31046*	2004	2005	0	110	0	89	0	21	0	646	***667***	***200***	**867**
31046	*31411*	2005	2006	0	115	0	94	0	21	0	630	***651***	***210***	**861**
31411	*31776*	2006	2007	0	116	0	96	0	21	0	614	***635***	***212***	**847**
31776	*32142*	2007	2008	0	115	0	95	0	21	0	597	***618***	***210***	**828**
32142	*32507*	2008	2009	0	107	0	89	0	21	0	565	***586***	***197***	**783**
32507	*32872*	2009	2010	0	104	0	88	0	21	0	561	***581***	***192***	**773**
32872	*33237*	2010	2011	0	102	0	87	0	21	0	559	***579***	***189***	**769**
33237	*33603*	2011	2012	0	102	0	86	0	21	0	558	***578***	***188***	**767**
33603	*33968*	2012	2013	0	102	0	86	0	20	0	557	***578***	***188***	**766**
33968	*34333*	2013	2014	0	102	0	87	0	20	0	557	***577***	***189***	**766**
34333	*34698*	2014	2015	0	102	0	87	0	20	0	557	***577***	***189***	**766**
34698	*35064*	2015	2016	0	103	0	87	0	20	0	557	***577***	***190***	**767**
35064	*35429*	2016	2017	0	103	0	88	0	20	0	556	***577***	***191***	**768**
35429	*35794*	2017	2018	0	104	0	88	0	20	0	556	***577***	***192***	**768**
35794	*36159*	2018	2019	0	104	0	89	0	20	0	556	***577***	***193***	**769**
36159	*36525*	2019	2020	0	104	0	89	0	20	0	556	***576***	***193***	**770**
36525	*36890*	2020	2021	0	105	0	89	0	20	0	556	***576***	***194***	**771**
36890	*37255*	2021	2022	0	105	0	90	0	20	0	556	***576***	***195***	**771**
37255	*37620*	2022	2023	0	105	0	90	0	20	0	556	***576***	***195***	**772**
37620	*37986*	2023	2024	0	106	0	90	0	20	0	556	***576***	***196***	**772**
37986	*38351*	2024	2025	0	130	0	97	0	20	0	558	***578***	***227***	**805**

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	138	0	99	0	20	0	559	579	236	815
38716	39081	2026	2027	0	151	0	107	0	20	0	560	581	259	839
39081	39447	2027	2028	0	158	0	115	0	20	0	561	581	273	854
39447	39812	2028	2029	0	162	0	120	0	20	0	582	602	282	884
39812	40177	2029	2030	0	166	0	123	0	20	0	586	606	289	895
40177	40542	2030	2031	0	169	0	131	0	20	0	588	608	300	909
40542	40908	2031	2032	0	172	0	134	0	20	0	589	609	306	916
40908	41273	2032	2033	0	184	0	156	0	20	0	590	610	340	950
41273	41638	2033	2034	0	189	0	164	0	20	0	590	610	353	964
41638	42003	2034	2035	0	192	0	169	0	20	0	590	610	361	972
42003	42369	2035	2036	0	196	0	173	0	20	0	623	643	369	1012
42369	42734	2036	2037	0	200	0	177	0	20	0	632	653	377	1029
42734	43099	2037	2038	0	203	0	180	0	20	0	636	657	383	1040
43099	43464	2038	2039	0	206	0	183	0	20	0	638	659	389	1048
43464	43830	2039	2040	0	208	0	186	1	20	0	639	660	394	1054
43830	44195	2040	2041	0	210	0	188	1	20	0	640	661	399	1060
44195	44560	2041	2042	0	212	0	190	2	20	0	640	662	403	1065
44560	44925	2042	2043	0	214	0	193	2	20	0	641	663	407	1070
44925	45291	2043	2044	0	216	0	194	2	20	0	641	663	411	1074
45291	45656	2044	2045	0	218	0	196	2	20	0	641	663	414	1078
45656	46021	2045	2046	0	220	0	198	2	20	0	641	664	418	1081
46021	46386	2046	2047	0	221	0	200	3	20	0	641	664	421	1085
46386	46752	2047	2048	0	223	0	201	3	20	0	641	664	424	1088
46752	47117	2048	2049	0	224	0	203	3	20	0	641	664	427	1091
47117	47482	2049	2050	0	225	0	204	3	20	0	641	664	429	1094
47482	47847	2050	2051	0	227	0	205	3	20	0	641	665	432	1096
47847	48213	2051	2052	0	228	0	206	3	20	0	641	665	434	1099
48213	48578	2052	2053	0	229	0	208	3	20	0	641	665	436	1101
48578	48943	2053	2054	0	230	0	209	3	20	0	641	665	439	1103
48943	49308	2054	2055	0	231	0	210	4	20	0	641	665	441	1106
49308	49674	2055	2056	0	232	0	211	4	20	0	641	665	443	1108
49674	50039	2056	2057	0	233	0	212	4	20	0	641	665	445	1110
50039	50404	2057	2058	0	234	0	213	4	20	0	641	665	446	1112
50404	50769	2058	2059	0	235	0	213	4	20	0	641	665	448	1114
50769	51135	2059	2060	0	236	0	214	4	20	0	641	666	450	1115
51135	51500	2060	2061	0	236	0	215	4	20	0	641	666	451	1117
51500	51865	2061	2062	0	237	0	216	4	20	0	641	666	453	1119
51865	52230	2062	2063	0	238	0	217	4	20	0	641	666	454	1120
52230	52596	2063	2064	0	239	0	217	4	20	0	641	666	456	1122
52596	52961	2064	2065	0	239	0	218	4	20	0	641	666	457	1123
52961	53326	2065	2066	0	240	0	219	5	20	0	641	666	459	1125
53326	53691	2066	2067	0	240	0	219	5	20	0	641	666	460	1126

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	241	0	220	5	20	0	641	666	461	1127
54057	54422	2068	2069	0	242	0	221	5	20	0	641	666	462	1129
54422	54787	2069	2070	0	242	0	221	5	20	0	641	666	463	1130
54787	55152	2070	2071	0	243	0	222	5	20	0	641	667	465	1131
55152	55518	2071	2072	0	243	0	222	5	20	0	641	667	466	1132
55518	55883	2072	2073	0	244	0	223	5	20	0	641	667	467	1133
55883	56248	2073	2074	0	244	0	223	5	20	0	641	667	468	1134
56248	56613	2074	2075	0	245	0	224	5	20	0	641	667	469	1136
56613	56979	2075	2076	0	245	0	224	5	20	0	641	667	470	1137
56979	57344	2076	2077	0	246	0	225	5	20	0	641	667	471	1138
57344	57709	2077	2078	0	246	0	225	5	20	0	641	667	472	1139
57709	58074	2078	2079	0	247	0	226	5	21	0	641	667	473	1140
58074	58440	2079	2080	0	247	0	226	5	21	0	641	667	473	1141
58440	58805	2080	2081	0	248	0	227	6	21	0	641	667	474	1142
58805	59170	2081	2082	0	248	0	227	6	21	0	641	668	475	1143
59170	59535	2082	2083	0	248	0	228	6	21	0	641	668	476	1144
59535	59901	2083	2084	0	249	0	228	6	21	0	641	668	477	1144
59901	60266	2084	2085	0	249	0	228	6	21	0	641	668	477	1145
60266	60631	2085	2086	0	249	0	229	6	21	0	641	668	478	1146
60631	60996	2086	2087	0	250	0	229	6	21	0	641	668	479	1147
60996	61362	2087	2088	0	250	0	229	6	21	0	641	668	479	1147
61362	61727	2088	2089	0	250	0	230	6	21	0	641	668	480	1148
61727	62092	2089	2090	0	251	0	230	6	21	0	641	668	481	1149
62092	62457	2090	2091	0	251	0	230	6	21	0	641	668	481	1150
62457	62823	2091	2092	0	251	0	231	6	21	0	641	668	482	1150
62823	63188	2092	2093	0	252	0	231	6	21	0	642	668	483	1151
63188	63553	2093	2094	0	252	0	231	6	21	0	642	668	483	1151
63553	63918	2094	2095	0	252	0	232	6	21	0	642	668	484	1152
63918	64284	2095	2096	0	252	0	232	6	21	0	642	668	484	1152
64284	64649	2096	2097	0	252	0	232	6	21	0	642	668	484	1153
64649	65014	2097	2098	0	253	0	232	6	21	0	642	669	485	1153
65014	65379	2098	2099	0	253	0	233	6	21	0	642	669	485	1154
65379	65745	2099	2100	0	253	0	233	6	21	0	642	669	486	1155
65745	66110	2100	2101	0	253	0	233	6	21	0	642	669	486	1155
66110	66475	2101	2102	0	254	0	233	6	21	0	642	669	487	1156
66475	66840	2102	2103	0	254	0	234	6	21	0	642	669	487	1156
66840	67206	2103	2104	0	254	0	234	6	21	0	642	669	488	1157
67206	67571	2104	2105	0	254	0	234	6	21	0	642	669	488	1157
67571	67936	2105	2106	0	254	0	234	7	21	0	642	669	489	1158
67936	68301	2106	2107	0	255	0	235	7	21	0	642	669	489	1158
68301	68667	2107	2108	0	255	0	235	7	21	0	642	669	490	1159
68667	69032	2108	2109	0	255	0	235	7	21	0	642	669	490	1159
69032	69397	2109	2110	0	255	0	235	7	21	0	642	669	490	1159

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	3.4	2.3	2.4	1.8	3.7	2.4	0.6	11.9	4.7	16.6
3652	7305	1930	1940	2.9	2.1	2.1	1.3	3.1	2.1	0.3	10.2	3.7	13.9
7305	14610	1940	1960	3.0	2.1	2.1	1.4	3.2	2.2	0.3	10.5	3.9	14.3
14610	18263	1960	1970	4.2	2.8	7.2	8.9	3.3	2.2	0.4	16.8	12.1	29.0
18263	21915	1970	1980	4.3	2.9	7.3	9.6	3.3	2.2	0.4	17.1	12.9	30.0
21915	24837	1980	1988	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.2	13.2	30.4
24837	25202	1988	1989	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
25202	25567	1989	1990	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
25567	25932	1990	1991	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
25932	26298	1991	1992	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
26298	26663	1992	1993	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.2	30.5
26663	27028	1993	1994	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.3	30.5
27028	27393	1994	1995	4.4	2.9	7.4	9.9	3.3	2.2	0.4	17.3	13.3	30.5
27393	27759	1995	1996	4.4	2.9	7.4	10.0	3.3	2.2	0.4	17.3	13.3	30.6
27759	28124	1996	1997	4.4	2.9	7.4	10.0	3.3	2.2	0.4	17.3	13.3	30.6
28124	28489	1997	1998	4.4	2.9	7.4	10.0	3.3	2.2	0.4	17.3	13.3	30.6
28489	28854	1998	1999	4.5	2.9	7.0	9.5	3.5	2.2	0.4	17.2	12.8	30.0
28854	29220	1999	2000	4.5	2.9	6.4	8.7	3.6	2.3	0.5	16.8	12.0	28.8
29220	29585	2000	2001	4.4	2.9	6.1	8.2	3.6	2.3	0.5	16.4	11.5	27.9
29585	29950	2001	2002	5.2	3.4	5.9	8.0	3.8	2.3	0.8	17.2	12.2	29.3
29950	30315	2002	2003	5.5	3.7	5.8	7.7	3.8	2.3	1.0	17.4	12.4	29.8
30315	30681	2003	2004	5.7	3.8	5.6	7.5	3.9	2.3	1.1	17.5	12.4	29.8
30681	31046	2004	2005	5.7	3.9	5.4	7.2	3.9	2.3	1.1	17.4	12.2	29.6
31046	31411	2005	2006	5.8	3.9	5.3	7.0	3.9	2.3	1.2	17.3	12.0	29.3
31411	31776	2006	2007	5.7	3.9	5.1	6.7	3.9	2.3	1.2	17.1	11.8	28.9
31776	32142	2007	2008	5.7	3.9	5.0	6.4	3.9	2.3	1.2	16.9	11.5	28.4
32142	32507	2008	2009	5.5	3.8	4.7	6.1	4.0	2.4	1.2	16.6	11.0	27.6
32507	32872	2009	2010	5.4	3.7	4.6	5.9	3.9	2.4	1.1	16.3	10.7	27.1
32872	33237	2010	2011	5.4	3.7	4.5	5.7	3.9	2.4	1.1	16.2	10.6	26.8
33237	33603	2011	2012	5.3	3.7	4.5	5.7	3.9	2.3	1.1	16.1	10.5	26.6
33603	33968	2012	2013	5.3	3.7	4.5	5.6	3.9	2.3	1.1	16.0	10.4	26.4
33968	34333	2013	2014	5.3	3.7	4.5	5.5	3.9	2.3	1.1	16.0	10.3	26.3
34333	34698	2014	2015	5.3	3.7	4.4	5.5	3.9	2.3	1.1	16.0	10.3	26.2
34698	35064	2015	2016	5.3	3.7	4.4	5.5	3.9	2.3	1.1	15.9	10.2	26.2
35064	35429	2016	2017	5.3	3.7	4.4	5.4	3.9	2.3	1.1	15.9	10.2	26.1
35429	35794	2017	2018	5.3	3.7	4.4	5.4	3.9	2.3	1.1	15.9	10.2	26.1
35794	36159	2018	2019	5.3	3.7	4.4	5.4	3.9	2.3	1.1	15.9	10.2	26.0
36159	36525	2019	2020	5.3	3.7	4.4	5.3	3.9	2.3	1.1	15.9	10.1	26.0
36525	36890	2020	2021	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.9	10.1	26.0
36890	37255	2021	2022	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.9	10.1	26.0
37255	37620	2022	2023	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.8	10.1	26.0
37620	37986	2023	2024	5.2	3.7	4.4	5.3	3.9	2.3	1.1	15.8	10.1	26.0
37986	38351	2024	2025	5.5	3.7	4.6	5.3	4.6	2.3	1.2	17.1	10.3	27.3

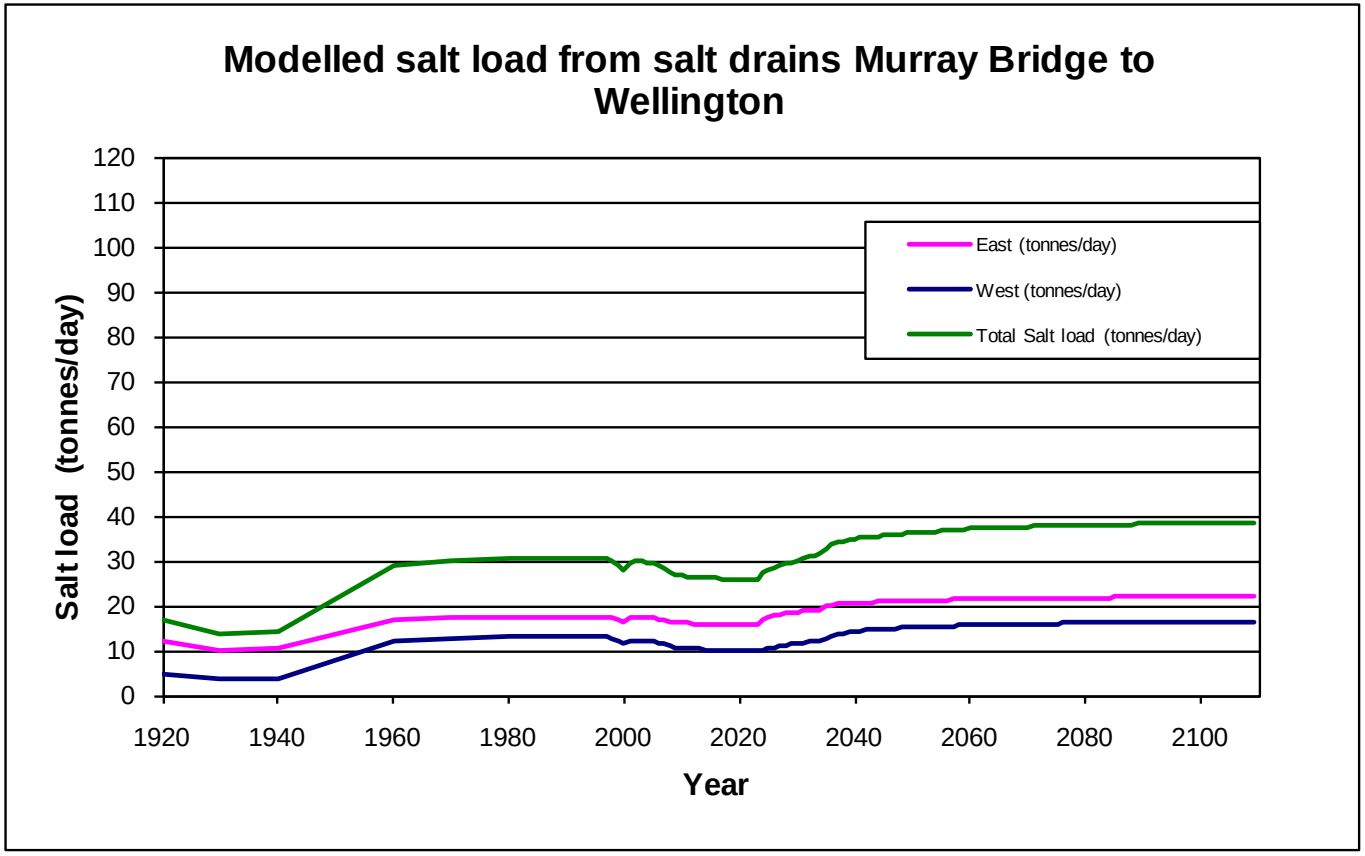
B-6(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 5) (highland to salt drains)

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	5.6	3.8	4.7	5.4	4.8	2.4	1.2	17.4	10.4	27.7
38716	39081	2026	2027	5.8	3.9	4.8	5.6	4.9	2.4	1.3	17.8	10.7	28.5
39081	39447	2027	2028	5.9	4.0	4.8	5.7	4.9	2.4	1.3	18.0	11.0	28.9
39447	39812	2028	2029	6.1	4.0	4.8	5.8	5.0	2.4	1.4	18.2	11.2	29.4
39812	40177	2029	2030	6.1	4.1	4.9	5.9	5.0	2.4	1.4	18.4	11.4	29.8
40177	40542	2030	2031	6.2	4.2	5.0	6.0	5.0	2.4	1.5	18.7	11.6	30.3
40542	40908	2031	2032	6.3	4.2	5.1	6.0	5.1	2.4	1.5	18.9	11.7	30.6
40908	41273	2032	2033	6.3	4.3	5.2	6.2	5.1	2.4	1.5	19.0	12.0	31.0
41273	41638	2033	2034	6.4	4.3	5.3	6.2	5.1	2.4	1.6	19.1	12.1	31.3
41638	42003	2034	2035	6.4	4.4	5.3	6.3	5.1	2.4	1.6	19.2	12.3	31.5
42003	42369	2035	2036	6.7	4.6	5.6	6.4	5.2	2.4	1.8	19.9	12.9	32.8
42369	42734	2036	2037	6.7	4.7	5.8	6.5	5.3	2.4	2.1	20.2	13.3	33.5
42734	43099	2037	2038	6.8	4.8	5.9	6.6	5.3	2.4	2.2	20.3	13.7	34.0
43099	43464	2038	2039	6.8	4.8	5.9	6.7	5.3	2.4	2.4	20.5	13.9	34.4
43464	43830	2039	2040	6.9	4.9	5.9	6.7	5.3	2.4	2.5	20.6	14.1	34.6
43830	44195	2040	2041	6.9	4.9	6.0	6.8	5.3	2.4	2.6	20.6	14.3	34.9
44195	44560	2041	2042	6.9	5.0	6.0	6.8	5.3	2.4	2.6	20.7	14.4	35.1
44560	44925	2042	2043	7.0	5.0	6.0	6.9	5.4	2.4	2.7	20.7	14.5	35.3
44925	45291	2043	2044	7.0	5.0	6.0	6.9	5.4	2.4	2.7	20.8	14.6	35.4
45291	45656	2044	2045	7.0	5.1	6.1	6.9	5.4	2.4	2.8	20.8	14.7	35.6
45656	46021	2045	2046	7.0	5.1	6.1	6.9	5.4	2.4	2.8	20.9	14.8	35.7
46021	46386	2046	2047	7.0	5.1	6.1	7.0	5.4	2.4	2.9	20.9	14.9	35.8
46386	46752	2047	2048	7.0	5.1	6.1	7.0	5.4	2.4	2.9	20.9	15.0	35.9
46752	47117	2048	2049	7.0	5.1	6.1	7.0	5.4	2.4	2.9	21.0	15.1	36.0
47117	47482	2049	2050	7.1	5.1	6.1	7.0	5.4	2.4	3.0	21.0	15.1	36.1
47482	47847	2050	2051	7.1	5.2	6.1	7.0	5.4	2.4	3.0	21.0	15.2	36.2
47847	48213	2051	2052	7.1	5.2	6.1	7.1	5.4	2.4	3.0	21.0	15.3	36.3
48213	48578	2052	2053	7.1	5.2	6.1	7.1	5.4	2.4	3.0	21.0	15.3	36.4
48578	48943	2053	2054	7.1	5.2	6.1	7.1	5.4	2.4	3.1	21.1	15.4	36.4
48943	49308	2054	2055	7.1	5.2	6.1	7.1	5.4	2.4	3.1	21.1	15.4	36.5
49308	49674	2055	2056	7.1	5.2	6.1	7.1	5.6	2.4	3.1	21.2	15.5	36.7
49674	50039	2056	2057	7.1	5.2	6.1	7.1	5.7	2.4	3.1	21.3	15.5	36.8
50039	50404	2057	2058	7.1	5.2	6.1	7.2	5.7	2.4	3.1	21.4	15.5	37.0
50404	50769	2058	2059	7.1	5.2	6.2	7.2	5.7	2.4	3.2	21.5	15.6	37.0
50769	51135	2059	2060	7.1	5.3	6.2	7.2	5.8	2.4	3.2	21.5	15.6	37.1
51135	51500	2060	2061	7.1	5.3	6.2	7.2	5.8	2.4	3.2	21.5	15.7	37.2
51500	51865	2061	2062	7.2	5.3	6.2	7.2	5.8	2.4	3.2	21.6	15.7	37.2
51865	52230	2062	2063	7.2	5.3	6.2	7.2	5.8	2.4	3.2	21.6	15.7	37.3
52230	52596	2063	2064	7.2	5.3	6.2	7.2	5.8	2.4	3.2	21.6	15.8	37.4
52596	52961	2064	2065	7.2	5.3	6.2	7.2	5.8	2.4	3.3	21.6	15.8	37.4
52961	53326	2065	2066	7.2	5.3	6.2	7.2	5.8	2.4	3.3	21.6	15.8	37.5
53326	53691	2066	2067	7.2	5.3	6.2	7.3	5.8	2.4	3.3	21.7	15.8	37.5

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)
53691	54057	2067	2068	7.2	5.3	6.2	7.3	5.9	2.4	3.3	21.7	15.9	37.6
54057	54422	2068	2069	7.2	5.3	6.2	7.3	5.9	2.4	3.3	21.7	15.9	37.6
54422	54787	2069	2070	7.2	5.3	6.2	7.3	5.9	2.4	3.3	21.7	15.9	37.6
54787	55152	2070	2071	7.2	5.3	6.2	7.3	5.9	2.5	3.3	21.7	15.9	37.7
55152	55518	2071	2072	7.2	5.3	6.2	7.3	5.9	2.5	3.3	21.7	16.0	37.7
55518	55883	2072	2073	7.2	5.3	6.2	7.3	5.9	2.5	3.3	21.7	16.0	37.7
55883	56248	2073	2074	7.2	5.3	6.2	7.3	5.9	2.5	3.3	21.8	16.0	37.8
56248	56613	2074	2075	7.2	5.4	6.2	7.3	5.9	2.5	3.3	21.8	16.0	37.8
56613	56979	2075	2076	7.2	5.4	6.2	7.3	5.9	2.5	3.4	21.8	16.1	37.8
56979	57344	2076	2077	7.2	5.4	6.2	7.4	5.9	2.5	3.4	21.8	16.1	37.9
57344	57709	2077	2078	7.2	5.4	6.2	7.4	5.9	2.5	3.4	21.8	16.1	37.9
57709	58074	2078	2079	7.2	5.4	6.2	7.4	5.9	2.5	3.4	21.8	16.1	37.9
58074	58440	2079	2080	7.2	5.4	6.2	7.4	5.9	2.5	3.4	21.8	16.1	38.0
58440	58805	2080	2081	7.2	5.4	6.2	7.4	5.9	2.5	3.4	21.8	16.2	38.0
58805	59170	2081	2082	7.2	5.4	6.2	7.4	5.9	2.5	3.4	21.8	16.2	38.0
59170	59535	2082	2083	7.2	5.4	6.2	7.4	5.9	2.5	3.4	21.9	16.2	38.1
59535	59901	2083	2084	7.3	5.4	6.2	7.4	5.9	2.5	3.4	21.9	16.2	38.1
59901	60266	2084	2085	7.3	5.4	6.2	7.4	5.9	2.5	3.4	21.9	16.2	38.1
60266	60631	2085	2086	7.3	5.4	6.2	7.4	5.9	2.5	3.4	21.9	16.3	38.1
60631	60996	2086	2087	7.3	5.4	6.2	7.4	5.9	2.5	3.4	21.9	16.3	38.1
60996	61362	2087	2088	7.3	5.4	6.2	7.4	5.9	2.5	3.4	21.9	16.3	38.2
61362	61727	2088	2089	7.3	5.4	6.2	7.5	5.9	2.5	3.4	21.9	16.3	38.2
61727	62092	2089	2090	7.3	5.4	6.2	7.5	5.9	2.5	3.4	21.9	16.3	38.2
62092	62457	2090	2091	7.3	5.4	6.2	7.5	5.9	2.5	3.4	21.9	16.3	38.2
62457	62823	2091	2092	7.3	5.4	6.2	7.5	5.9	2.5	3.5	21.9	16.3	38.3
62823	63188	2092	2093	7.3	5.4	6.2	7.5	5.9	2.5	3.5	21.9	16.3	38.3
63188	63553	2093	2094	7.3	5.4	6.2	7.5	5.9	2.5	3.5	21.9	16.4	38.3
63553	63918	2094	2095	7.3	5.4	6.2	7.5	5.9	2.5	3.5	21.9	16.4	38.3
63918	64284	2095	2096	7.3	5.4	6.2	7.5	5.9	2.5	3.5	21.9	16.4	38.3
64284	64649	2096	2097	7.3	5.4	6.2	7.5	5.9	2.5	3.5	21.9	16.4	38.3
64649	65014	2097	2098	7.3	5.4	6.2	7.5	6.0	2.5	3.5	21.9	16.4	38.4
65014	65379	2098	2099	7.3	5.4	6.2	7.5	6.0	2.5	3.5	22.0	16.4	38.4
65379	65745	2099	2100	7.3	5.4	6.2	7.5	6.0	2.5	3.5	22.0	16.4	38.4
65745	66110	2100	2101	7.3	5.4	6.3	7.5	6.0	2.5	3.5	22.0	16.4	38.4
66110	66475	2101	2102	7.3	5.4	6.3	7.5	6.0	2.5	3.5	22.0	16.4	38.4
66475	66840	2102	2103	7.3	5.4	6.3	7.5	6.0	2.5	3.5	22.0	16.5	38.4
66840	67206	2103	2104	7.3	5.4	6.3	7.5	6.0	2.5	3.5	22.0	16.5	38.5
67206	67571	2104	2105	7.3	5.4	6.3	7.5	6.0	2.5	3.5	22.0	16.5	38.5
67571	67936	2105	2106	7.3	5.4	6.3	7.6	6.0	2.5	3.5	22.0	16.5	38.5
67936	68301	2106	2107	7.3	5.4	6.3	7.6	6.0	2.5	3.5	22.0	16.5	38.5
68301	68667	2107	2108	7.3	5.4	6.3	7.6	6.0	2.5	3.5	22.0	16.5	38.5
68667	69032	2108	2109	7.3	5.4	6.3	7.6	6.0	2.5	3.5	22.0	16.5	38.5
69032	69397	2109	2110	7.3	5.4	6.3	7.6	6.0	2.5	3.5	22.0	16.5	38.5
		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	0.1	0.0	2.4	2.5	0.0	2.6
3652	7305	1930	1940	0.0	0.0	0.0	0.0	0.0	0.1	0.0	2.4	2.5	0.0	2.6
7305	14610	1940	1960	0.0	0.0	0.0	0.0	0.0	0.1	0.0	2.4	2.5	0.0	2.6
14610	18263	1960	1970	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
18263	21915	1970	1980	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
21915	24837	1980	1988	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
24837	25202	1988	1989	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
25202	25567	1989	1990	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
25567	25932	1990	1991	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
25932	26298	1991	1992	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
26298	26663	1992	1993	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
26663	27028	1993	1994	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
27028	27393	1994	1995	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
27393	27759	1995	1996	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
27759	28124	1996	1997	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
28124	28489	1997	1998	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
28489	28854	1998	1999	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
28854	29220	1999	2000	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
29220	29585	2000	2001	0.0	0.1	0.0	0.0	0.0	0.2	0.0	2.4	2.6	0.1	2.6
29585	29950	2001	2002	0.0	0.2	0.0	0.4	0.0	0.1	0.0	3.9	4.0	0.7	4.7
29950	30315	2002	2003	0.0	0.4	0.0	0.7	0.0	0.1	0.0	4.0	4.1	1.1	5.2
30315	30681	2003	2004	0.0	0.5	0.0	0.8	0.0	0.1	0.0	3.9	4.1	1.3	5.4
30681	31046	2004	2005	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.9	4.0	1.4	5.5
31046	31411	2005	2006	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.8	3.9	1.5	5.4
31411	31776	2006	2007	0.0	0.6	0.0	1.0	0.0	0.1	0.0	3.7	3.8	1.5	5.4
31776	32142	2007	2008	0.0	0.6	0.0	0.9	0.0	0.1	0.0	3.6	3.7	1.5	5.3
32142	32507	2008	2009	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.4	3.5	1.4	5.0
32507	32872	2009	2010	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.4	3.5	1.4	4.9
32872	33237	2010	2011	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.4	3.5	1.4	4.9
33237	33603	2011	2012	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
33603	33968	2012	2013	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
33968	34333	2013	2014	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
34333	34698	2014	2015	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
34698	35064	2015	2016	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
35064	35429	2016	2017	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
35429	35794	2017	2018	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
35794	36159	2018	2019	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
36159	36525	2019	2020	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
36525	36890	2020	2021	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
36890	37255	2021	2022	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
37255	37620	2022	2023	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
37620	37986	2023	2024	0.0	0.5	0.0	0.9	0.0	0.1	0.0	3.3	3.5	1.4	4.9
37986	38351	2024	2025	0.0	0.7	0.0	1.0	0.0	0.1	0.0	3.3	3.5	1.6	5.1

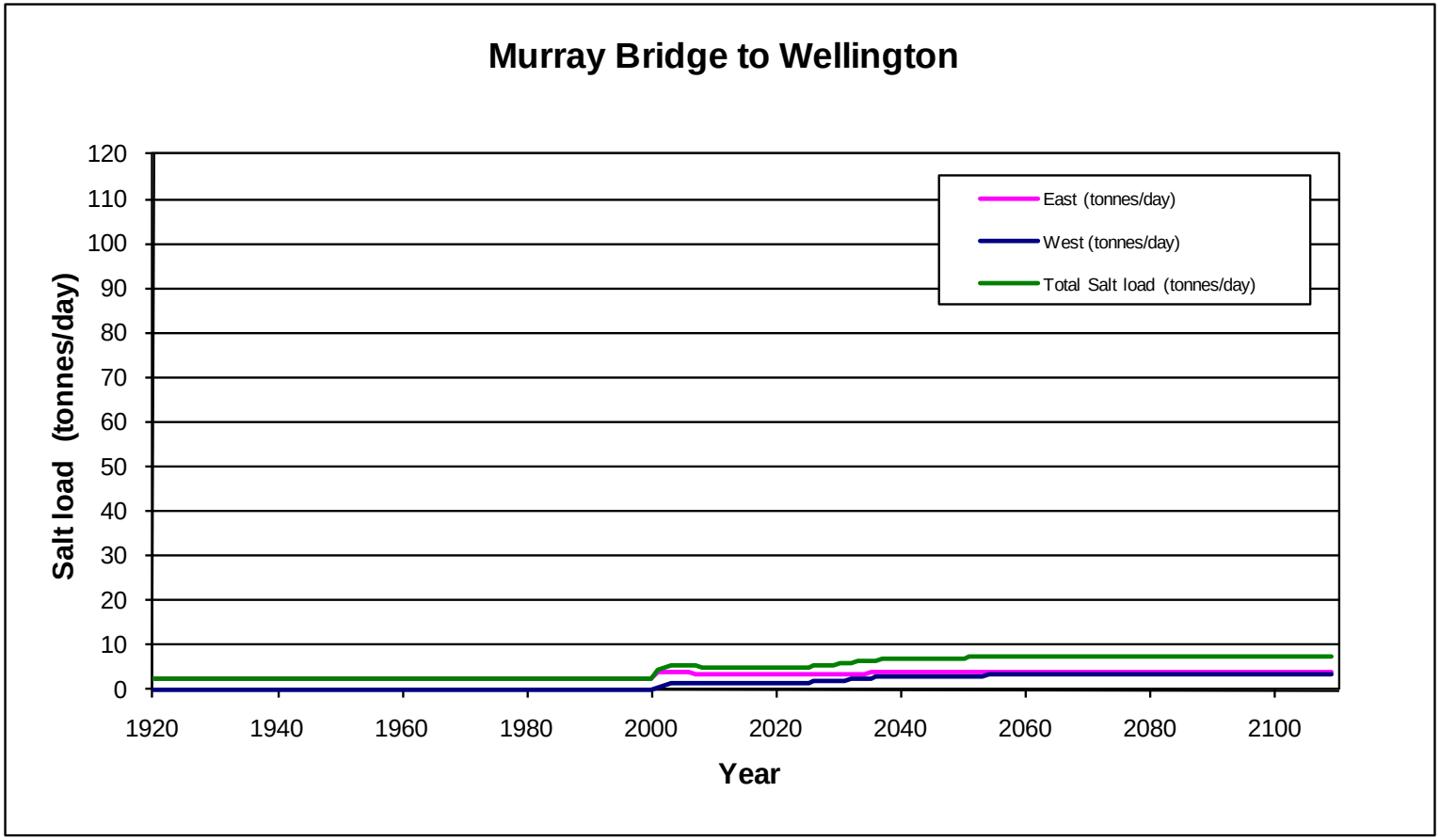
B-6(S5). Modelled salt load (tonnes/day) entering the River Murray from flow budget zones in the Murray Bridge to Wellington area (Scenario 5) (floodplain to river)

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	0.7	0.0	1.0	0.0	0.1	0.0	3.4	3.5	1.7	5.2
38716	39081	2026	2027	0.0	0.8	0.0	1.1	0.0	0.1	0.0	3.4	3.5	1.8	5.3
39081	39447	2027	2028	0.0	0.8	0.0	1.1	0.0	0.1	0.0	3.4	3.5	1.9	5.4
39447	39812	2028	2029	0.0	0.8	0.0	1.2	0.0	0.1	0.0	3.5	3.6	2.0	5.6
39812	40177	2029	2030	0.0	0.8	0.0	1.2	0.0	0.1	0.0	3.5	3.7	2.1	5.7
40177	40542	2030	2031	0.0	0.8	0.0	1.3	0.0	0.1	0.0	3.5	3.7	2.2	5.8
40542	40908	2031	2032	0.0	0.9	0.0	1.3	0.0	0.1	0.0	3.5	3.7	2.2	5.9
40908	41273	2032	2033	0.0	0.9	0.0	1.6	0.0	0.1	0.0	3.5	3.7	2.5	6.2
41273	41638	2033	2034	0.0	0.9	0.0	1.6	0.0	0.1	0.0	3.5	3.7	2.6	6.3
41638	42003	2034	2035	0.0	1.0	0.0	1.7	0.0	0.1	0.0	3.5	3.7	2.6	6.3
42003	42369	2035	2036	0.0	1.0	0.0	1.7	0.0	0.1	0.0	3.7	3.9	2.7	6.6
42369	42734	2036	2037	0.0	1.0	0.0	1.8	0.0	0.1	0.0	3.8	3.9	2.8	6.7
42734	43099	2037	2038	0.0	1.0	0.0	1.8	0.0	0.1	0.0	3.8	4.0	2.8	6.8
43099	43464	2038	2039	0.0	1.0	0.0	1.8	0.0	0.1	0.0	3.8	4.0	2.9	6.8
43464	43830	2039	2040	0.0	1.0	0.0	1.9	0.0	0.1	0.0	3.8	4.0	2.9	6.9
43830	44195	2040	2041	0.0	1.1	0.0	1.9	0.0	0.1	0.0	3.8	4.0	2.9	6.9
44195	44560	2041	2042	0.0	1.1	0.0	1.9	0.0	0.1	0.0	3.8	4.0	3.0	7.0
44560	44925	2042	2043	0.0	1.1	0.0	1.9	0.0	0.1	0.0	3.8	4.0	3.0	7.0
44925	45291	2043	2044	0.0	1.1	0.0	1.9	0.0	0.1	0.0	3.8	4.0	3.0	7.0
45291	45656	2044	2045	0.0	1.1	0.0	2.0	0.0	0.1	0.0	3.8	4.0	3.1	7.1
45656	46021	2045	2046	0.0	1.1	0.0	2.0	0.0	0.1	0.0	3.8	4.0	3.1	7.1
46021	46386	2046	2047	0.0	1.1	0.0	2.0	0.0	0.1	0.0	3.8	4.0	3.1	7.1
46386	46752	2047	2048	0.0	1.1	0.0	2.0	0.0	0.1	0.0	3.8	4.0	3.1	7.1
46752	47117	2048	2049	0.0	1.1	0.0	2.0	0.0	0.1	0.0	3.8	4.0	3.1	7.2
47117	47482	2049	2050	0.0	1.1	0.0	2.0	0.0	0.1	0.0	3.8	4.0	3.2	7.2
47482	47847	2050	2051	0.0	1.1	0.0	2.1	0.0	0.1	0.0	3.8	4.0	3.2	7.2
47847	48213	2051	2052	0.0	1.1	0.0	2.1	0.0	0.1	0.0	3.8	4.0	3.2	7.2
48213	48578	2052	2053	0.0	1.1	0.0	2.1	0.0	0.1	0.0	3.8	4.0	3.2	7.2
48578	48943	2053	2054	0.0	1.1	0.0	2.1	0.0	0.1	0.0	3.8	4.0	3.2	7.3
48943	49308	2054	2055	0.0	1.2	0.0	2.1	0.0	0.1	0.0	3.8	4.0	3.3	7.3
49308	49674	2055	2056	0.0	1.2	0.0	2.1	0.0	0.1	0.0	3.8	4.0	3.3	7.3
49674	50039	2056	2057	0.0	1.2	0.0	2.1	0.0	0.1	0.0	3.8	4.0	3.3	7.3
50039	50404	2057	2058	0.0	1.2	0.0	2.1	0.0	0.1	0.0	3.8	4.0	3.3	7.3
50404	50769	2058	2059	0.0	1.2	0.0	2.1	0.0	0.1	0.0	3.8	4.0	3.3	7.3
50769	51135	2059	2060	0.0	1.2	0.0	2.1	0.0	0.1	0.0	3.8	4.0	3.3	7.3
51135	51500	2060	2061	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.3	7.4
51500	51865	2061	2062	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.3	7.4
51865	52230	2062	2063	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.4	7.4
52230	52596	2063	2064	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.4	7.4
52596	52961	2064	2065	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.4	7.4
52961	53326	2065	2066	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.4	7.4
53326	53691	2066	2067	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.4	7.4

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	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.4	7.4
54057	54422	2068	2069	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.4	7.5
54422	54787	2069	2070	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.4	7.5
54787	55152	2070	2071	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.4	7.5
55152	55518	2071	2072	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.4	7.5
55518	55883	2072	2073	0.0	1.2	0.0	2.2	0.0	0.1	0.0	3.8	4.0	3.4	7.5
55883	56248	2073	2074	0.0	1.2	0.0	2.2	0.1	0.1	0.0	3.8	4.0	3.5	7.5
56248	56613	2074	2075	0.0	1.2	0.0	2.2	0.1	0.1	0.0	3.8	4.0	3.5	7.5
56613	56979	2075	2076	0.0	1.2	0.0	2.2	0.1	0.1	0.0	3.8	4.0	3.5	7.5
56979	57344	2076	2077	0.0	1.2	0.0	2.2	0.1	0.1	0.0	3.8	4.0	3.5	7.5
57344	57709	2077	2078	0.0	1.2	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.5	7.5
57709	58074	2078	2079	0.0	1.2	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.5	7.5
58074	58440	2079	2080	0.0	1.2	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.5	7.5
58440	58805	2080	2081	0.0	1.2	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.5	7.6
58805	59170	2081	2082	0.0	1.2	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.5	7.6
59170	59535	2082	2083	0.0	1.2	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.5	7.6
59535	59901	2083	2084	0.0	1.2	0.0	2.3	0.1	0.1	0.0	3.8	4.0	3.5	7.6
59901	60266	2084	2085	0.0	1.2	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.5	7.6
60266	60631	2085	2086	0.0	1.2	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.5	7.6
60631	60996	2086	2087	0.0	1.2	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.5	7.6
60996	61362	2087	2088	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.5	7.6
61362	61727	2088	2089	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.5	7.6
61727	62092	2089	2090	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.6	7.6
62092	62457	2090	2091	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.6	7.6
62457	62823	2091	2092	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.6	7.6
62823	63188	2092	2093	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.6	7.6
63188	63553	2093	2094	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.6	7.6
63553	63918	2094	2095	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.6	7.6
63918	64284	2095	2096	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.6	7.6
64284	64649	2096	2097	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.6	7.6
64649	65014	2097	2098	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.6	7.6
65014	65379	2098	2099	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.6	7.6
65379	65745	2099	2100	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.6	7.7
65745	66110	2100	2101	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.6	7.7
66110	66475	2101	2102	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.6	7.7
66475	66840	2102	2103	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.6	7.7
66840	67206	2103	2104	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.6	7.7
67206	67571	2104	2105	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.6	7.7
67571	67936	2105	2106	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.6	7.7
67936	68301	2106	2107	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.6	7.7
68301	68667	2107	2108	0.0	1.3	0.0	2.3	0.1	0.1	0.0	3.8	4.1	3.6	7.7
68667	69032	2108	2109	0.0	1.3	0.0	2.4	0.1	0.1	0.0	3.8	4.1	3.6	7.7
69032	69397	2109	2110	0.0	1.3	0.0	2.4	0.1	0.1	0.0	3.8	4.1	3.6	7.7
		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 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
2010	2011	38.0	83.2	186.0
2011	2012	57.2	96.9	165.8
2012	2013	65.9	99.7	153.7
2013	2014	70.4	99.9	145.4
2014	2015	72.9	99.4	139.3
2015	2016	74.4	98.6	134.6
2016	2017	75.4	97.8	130.9
2017	2018	76.0	97.0	127.7
2018	2019	76.2	96.1	125.0
2019	2020	76.6	95.5	122.8
2020	2021	76.8	94.9	121.0
2021	2022	77.1	94.5	119.4
2022	2023	77.2	94.0	118.0
2023	2024	77.4	93.6	116.8
2024	2025	80.3	96.3	118.8
2025	2026	81.6	97.2	119.1
2026	2027	83.7	99.0	120.4
2027	2028	85.0	100.0	120.9
2028	2029	86.5	101.3	121.8
2029	2030	87.7	102.2	122.2
2030	2031	89.4	103.7	123.4
2031	2032	90.6	104.7	124.0
2032	2033	92.8	106.7	125.7
2033	2034	94.2	107.9	126.6
2034	2035	95.2	108.7	127.1
2035	2036	99.0	112.5	130.8
2036	2037	101.5	114.9	132.9
2037	2038	103.3	116.5	134.4
2038	2039	104.8	117.9	135.4
2039	2040	106.0	119.0	136.3
2040	2041	107.1	119.9	137.0
2041	2042	108.0	120.7	137.6
2042	2043	108.9	121.4	138.1
2043	2044	109.6	122.1	138.6
2044	2045	110.3	122.7	139.0
2045	2046	111.0	123.2	139.4
2046	2047	111.6	123.7	139.7
2047	2048	112.2	124.2	140.0
2048	2049	112.7	124.6	140.3
2049	2050	113.2	125.1	140.6
2050	2051	113.7	125.4	140.8
2051	2052	114.2	125.8	141.1
2052	2053	114.6	126.2	141.3
2053	2054	115.0	126.5	141.5
2054	2055	115.4	126.8	141.7
2055	2056	116.0	127.3	142.0
2056	2057	116.5	127.7	142.3

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 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
2058	2059	117.3	128.4	142.8
2059	2060	117.6	128.7	143.0
2060	2061	118.0	128.9	143.2
2061	2062	118.3	129.2	143.3
2062	2063	118.6	129.4	143.4
2063	2064	118.9	129.6	143.6
2064	2065	119.1	129.9	143.7
2065	2066	119.4	130.1	143.8
2066	2067	119.7	130.3	143.9
2067	2068	119.8	130.3	143.9
2068	2069	120.0	130.5	144.0
2069	2070	120.2	130.7	144.2
2070	2071	120.5	130.9	144.3
2071	2072	120.7	131.0	144.3
2072	2073	120.9	131.2	144.4
2073	2074	121.1	131.4	144.5
2074	2075	121.3	131.5	144.6
2075	2076	121.5	131.7	144.7
2076	2077	121.7	131.8	144.8
2077	2078	121.9	132.0	144.8
2078	2079	122.0	132.1	144.9
2079	2080	122.2	132.2	145.0
2080	2081	122.4	132.3	145.1
2081	2082	122.5	132.5	145.1
2082	2083	122.7	132.6	145.2
2083	2084	122.8	132.7	145.3
2084	2085	123.0	132.8	145.3
2085	2086	123.1	132.9	145.4
2086	2087	123.3	133.0	145.4
2087	2088	123.4	133.1	145.5
2088	2089	123.5	133.2	145.5
2089	2090	123.7	133.3	145.6
2090	2091	123.8	133.4	145.6
2091	2092	123.9	133.5	145.7
2092	2093	124.0	133.6	145.7
2093	2094	124.1	133.7	145.8
2094	2095	124.3	133.8	145.8
2095	2096	124.4	133.9	145.9
2096	2097	124.5	133.9	145.9
2097	2098	124.6	134.0	145.9
2098	2099	124.7	134.1	146.0
2099	2100	124.8	134.2	146.0
2100	2101	124.9	134.2	146.0
2101	2102	125.0	134.3	146.1
2102	2103	125.1	134.4	146.1
2103	2104	125.2	134.4	146.1
2104	2105	125.2	134.5	146.2
2105	2106	125.3	134.5	146.2
2106	2107	125.4	134.6	146.2
2107	2108	125.5	134.7	146.2
2108	2109	125.6	134.7	146.3
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).

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