NAMMOONA LANDFILL FACILITY MONITORING RESULTS
Environmental Protection Licence No. 5872
Licensee: Richmond Valley Council

EPA POINT 3: Leachate Pond Waters

Parameter	Frequency	unit of measure	6/12/2022 13:00:00 PM	8/09/2022 12:45	23/05/2022 13:10	21/03/2022 14:00	3/12/2021 12:00	14/09/2021 12:00	1/06/2021	18/03/2021 14:30	2/12/2020 14:30	1/09/2020 13:30	15/06/2020 13:30	4/03/2019 12:30	4/12/2019 14:45	############	############	############
Sampled by			Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Jesse Munro	Jesse Munro	Mitchell Call	Mitchell Call	Mitchell Call	Mitchell Call	Mitchell Call	Mitchell Call
Date results received/ Date results published			22/12/2022 23/12/2022	20/10/2022 27/10/2022	24/06/2022 30/06/2022	03/05/2022 09/05/2022	23/12/2021 23/12/2021(Total Dissolved Solids Received & published 17/01/2022)	27/10/2021 28/10/2021	07/07/2021 12/07/2021	28/04/2021 29/04/2021 (Dissolved Oxygen Published 5/5/2021)	10/02/2020 11/02/2020	28/09/2020 8/10/2020	26/06/2020 3/07/2020	26/03/2020 30/03/2020	24/1/2020 3/2/2020	15/10/2019 17/10/2019	15/07/2019 17/07/2019	10/04/2019 12/04/2019
Ammonia	Quarterly	mg/L	41.8	118	81.8	30.6	5.5	115	133	33.3	7	32.3	33.7	7.79	164	1.1	12.7	10.6
Arsenic	Quarterly	mg/L	0.009	0.007	0.006	0.003	0.015	0.015	0.008	0.006	0.034	0.014	0.017	0.014	0.075	0.017	0.013	0.012
Bicarbonate	Quarterly	mg/L	847	1.065	817	413	613	1344	1096	652	1022	895	900	435	1920	540	688	320
Calcium	Quarterly	mg/L	63.2	64.1	60.1	48.9	33.8	55.7	72.6	62.2	25.1	48	51	38	195	32.9	72	106
Chloride	Quarterly	mg/L	59.5	732	439	220	44.3	1263	753	575	3719	1238	1440	533	2250	2074	1979	1330
Chromium (total)	Quarterly	mg/L	0.008	0.013	0.008	0.004	0.011	0.025	0.013	0.004	0.023	0.011	0.01	0.004	0.071	0.019	0.014	0.012
Conductivity	Quarterly	µS/cm	4240	4400	2494	1580	3610	6000	4820	2645	11700	4953	4030	2970	9920	7860	6665	6330
Copper	Quarterly	mg/L	<0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.002	0.001	<0.001	0.003	0.009	0.005	0.002	0.008
Dissolved Organic Carbon	Quarterly	mg/L	106	112	60.4	28.5	105.0	202	113	71	127	148	126	74.3	359	282	178	122
Dissolved Oxygen	Quarterly	mg/L	12.26	10.95	7.92	7.98	9.48	9.67	12.11	7.8	13.2	14.46	10.17	19.2	7.2	15.7	0.99	--
Magnesium	Quarterly	mg/L	72.9	72.9	45.9	30.2	58.1	111	80.6	59.7	139	108	94	69	176	92.3	106	104
Nitrogen (total)	Quarterly	mg/L	53.9	186	98.2	43.4	41.4	155	154	37.7	41.5	53.8	46.7	23.7	272	52	42.1	43.8
Organochlorine Pesticides	Quarterly	mg/L	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.0001	<0.0002	<0.0002	<0.0002	<0.0002	<0.1	<0.0001	0.0001	<0.0001	<0.0001	<0.0002
Organphosphate Pesticides	Quarterly	mg/L	<0.0005	0.0016	<0.0017	<0.0017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.2	<0.0005	<0.0005	<0.0002	<0.0005	<0.0002
pH	Quarterly	pH	8.5	8.45	8.45	8.33	8.71	8.46	8.29	8.19	9.47	8.89	8.52	8.78	6.76	9.89	8.94	9.14
Phenols	Quarterly	mg/L	<0.0005	<0.0005	<0.0005	<0.0005	<0.5	<0.0005	<0.0005	<0.5	0.011	0.0055	<0.0005	<0.0005	0.096	0.0007	0.0007	<0.0005
Phosphorus	Quarterly	mg/L	0.34	0.35	0.36	0.019	0.32	0.65	0.75	0.25	2.07	0.95	0.53	0.98	5.73	3.68	2.61	0.54
Potassium	Quarterly	mg/L	115	122	80.4	45	116	193	116	80.6	378	158	132	78	275	229	209	181
Semi-volotile organic carbons	Quarterly	mg/L	<0.005	<0.0005	<0.01	<0.01	<0.01	<0.01	<0.0005	71	<0.01	<0.05	ND	<0.05	0.25	<0.0005	<0.0005	<0.0005
Sodium	Quarterly	mg/L	601	618	346	205	601	1005	599	376	2326	920	794	482	1400	1451	1218	983
Sulphate	Quarterly	mg/L	17	14	15	21	19	23	77	42	58	96	35	164	65	27	225	690
Total dissolved solids	Quarterly	mg/L	2709	2.279	1412	892	2.287	3834	2488	1799	7950	3225	2750	1640	4950	4510	4271	4090
Total petroleum hydrocarbons	Quarterly	mg/L	0.92	0.57	0.421	1.04	1.06	1.49	2.27	1.75	8.78	3.85	2.47	1.9	0.93	3.09	7.07	3.1
Volatile organic compounds	Quarterly	mg/L	<0.01	0.0092	<0.01	<0.01	<0.01	<0.01	<0.01	<10	<0.01	<0.01	ND	<0.01	<0.01	<0.01	<0.010	<0.01

Parameter	14/12/2018 10:00	19/09/2018 12:45	14/06/2018 10:30	27/03/2018 14:15	12/12/2017 10:35	12/09/2017 14:25	15/06/2017 10:30	8/03/2017 12:48	12/12/2016 9:45	22/09/2016 10:10	30/06/2016 10:15	15/03/2016 11:15	3/12/2015 11:30	9/09/2015 13:30	17/07/2015 9:15	31/03/2015 14:00	19/12/2014 10:05	29/08/2014 7:50	6/06/2014 8:35
Sampled by	Jesse Munro	Jesse Munro	Mark Bayley	Jesse Munro	Mark Bayley	Mark Bayley	Mark Bayley	Mark Bayley	Mark Bayley	Jesse Munro	Mark Bayley	Jesse Munro	Mark Bayley	Jesse Munro	Jesse Munro	Mark Bayley	Mark Bayley	Jesse Munro	Jesse Munro
Date results received/ Date results published	8/01/2019 10/1/2019	15/10/2018 26/10/2018	30/07/2018 7/08/2018	2/05/2018 3/05/2018	19/01/2018 25/1/2018	23/10/2017 26/10/2017	5/07/2017 17/7/2018	20/04/2017 15/05/2017	16/01/2017 25/01/2017										
Ammonia	33.7	42.7	68.2	17.7	10.7	109	15.2	25.1	52.3	50.2	59.6	22.4	42.2	78.4	60.664	24.34	3.233	16.8	84.55
Arsenic	0.038	0.022	0.01	0.009	0.016	0.014	<0.001	0.025	0.025	0.011	0.009	0.014	0.01	0.007	0.009	0.009	0.035	0.012	0.016
Bicarbonate	930	1150	980	500	560	1140	400	1000	870	780	800	680	810	970	780	690	490	460	910
Calcium	40.7	55	66	32	43	88	48	33	77	55	57.1	52	67.6	56	61.3	52.9	24.9	61	78
Chloride	2251	2080	1213	865	875	1300	619	2353	1,605	921	1024	1150	834	892	696	722	1363	811	1015
Chromium (total)	0.023	0.028	0.014	0.008	0.01	0.025	0.004	0.02	0.024	0.014	0.012	0.012	0.014	0.021	0.012	0.009	0.006	0.004	0.011
Conductivity	9127	8270	5435	3380	4156	7062	2892	7654	7395	4490	4820	5310	4648	4870	3180	3520	4710	2750	4900
Copper	<0.001	0.002	0.001	0.001	0.001	0.003	0.003	<0.01	0.002	0.001	<0.001	<0.001	0.002	0.005	0.001	0.001	0.002	0.002	0.001
Dissolved Organic Carbon	297.9	230	202	97	152	250	95.7	246	190	132	164.1	150	125	154	99.5	108	162.9	118	116
Dissolved Oxygen	5.65	--	21.9	11.2	4.8	14.5	9.6	16.5	19.2	10.7	5.2	6.61	2.65	6.9	8.9	7.8	10.5	5.98	6.85
Magnesium	124	166	95	60	69	123	51	114	118	75	79	89	79.2	80	70.8	68.1	102	60	100
Nitrogen (total)	67.8	64.6	94.9	36.3	28.8	117	36.1	67.9	93.6	59.4	74.6	41.3	58.7	90.9	89.68	47.18	30.7	31.8	94.8
Organochlorine Pesticides	<0.0002	<0.0001	<0.0001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.2	<0.2	<0.2	<0.2	0	0	0	0	<0.2	<0.2
Organphosphate Pesticides	<0.0002	<0.0001	<0.0001	<0.0002	<0.0002	..	<0.002	<0.0002	<0.0002	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
pH	8.48	8.72	8.75	8.78	8.59	7.69	8.23	8.94	8.73	8.61	8.46	8.46	8.03	8.58	8.97	8.32	9.99	8.61	7.33
Phenols	14	<0.005	<0.0005	<0.010	<0.002	..	<0.002	<0.001	<0.002	0.2	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Phosphorus	1.65	0.63	1.41	0.65	1.0	0.8	0.67	1.66	2.2	0.53	0.389	0.42	0.4	0.34	2.48	0.59	1.07	1	1.672
Potassium	279	302	158	106	133	218	90	254	241	140	141	178	129	145	112	116	188	1.36	100
Semi-volotile organic carbons	<0.05	<0.05	<0.0005	<0.010	<0.002	<1	<5	<1	10	<10	<10	<20	<10	none detected	none detected	nil	none detected	ND	Not detected
Sodium	1574	1580	822	547	667	995	428	1321	1,145	628	669	771	604	689	512	449	886	481	675
Sulphate	52	54	<1	42	34	42	61	79	160	22	44	52	53	41	3	18	21	60	51
Total dissolved solids	5940	4930	3280	2000	2470	3510	1530	4690	4,010	2465	3275	3611	2397	3312	2591	1900	3090	1745	2640
Total petroleum hydrocarbons	3.71	2.87	3	<0.050	0.227	0.524	<0.1	4.02	4.61	2070	1730	1290	1560	0.005	2970	1900	3650	5390	4680
Volatile organic compounds	<0.01	<0.010	171.2	<0.010	<0.001	<0.01	<0.01	<0.001	<0.001	<10	<1	<1	none detected	none detected	none detected	nil	none detected	none detected	none detected

EPA POINT 8 Monitoring Bore MB1

Parameter	Frequency	Trigger level	unit of measure	6/12/2022 15:00	26/10/2022 10:45	29/09/2022 14:30	21/03/2022 14:30	14/09/2021	28/03/2021 15:00	1/09/2020	4/03/2020	11/09/2019	21/03/2019	19/09/2018	27/03/2018	12/09/2017	8/03/2017 12:30	22/09/2016	15/03/2016 10:42	9/09/2015	31/03/2015 13:05	19/12/2014 9:05	3/09/2014 7:00	5/03/2014 11:40
Sampled by				Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Jesse Munro	Mitchell Call	Mitchell Call	Mitchell Call	Jesse Munro	Jesse Munro	Mark Bayley	Mark Bayley	Jesse Munro	Jesse Munro	Jesse Munro	Mark Bayley	Jesse Munro	Jesse Munro	Mark Bayley
Date results received/ Date results published				20/12/2022 23/12/2022	21/11/2022 29/11/2022	20/10/2022 27/10/2022	03/05/2022 09/05/2022	27/10/2021 28/10/2021	28/04/2021 29/04/2021	28/09/2020 8/10/2020	26/03/2020 30/03/2020	15/10/2019 17/10/2019	10/04/2019 12/04/2019	15/10/2018 26/10/2018	2/05/2018 3/05/2018	23/10/2017 26/10/2017	20/04/2017 15/05/2017							
SWL (mAHD)	6 Months		mAHD	36.24	41.3	40.43	39.35																	
Ammonia	6 Months	2.09	mg/L		0.266	0.33	0.059		0.124	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	0.205	dry bore	dry bore	dry bore	0.409	0.271	0.047	0.177
Dissolved Organic Carbon	6 Months	69.6	mg/L	30	95.5	43.6	17.3		28.3	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	8.3	dry bore	dry bore	dry bore	16.4	14.1	23.4	2.3
Nitrogen (total)	6 Months	4.2	mg/L	6.06	32.3	9.32	1.44		1.22	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	0.87	dry bore	dry bore	dry bore	0.46	0.34	0.5	0.32
Nitrate	6 Months		mg/L	-	0.087	<0.05	0.022																	
Nitrite	6 Months		mg/L	-	0.03	<0.05	0.011																	
pH	6 Months	5.35-9.26	pH	-	7.09	6.93	6.01		5.65	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	6.91	dry bore	dry bore	dry bore	6.45	6.82	5.86	6.9
Potassium	6 Months	36.9	mg/L	-	5.24	1.89	0.38	Bore Dry	0.6	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	6.7	dry bore	dry bore	dry bore	4.6	8.7	0.8	9.2
Total petroleum hydrocarbons C10-C36 Fraction	6 Months	300	µg/L	<100	890	640	62																	
Total petroleum hydrocarbons C15-C28 Fraction	6 Months	125.8	µg/L	-	-	-	-		<100	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	<100	dry bore	dry bore	dry bore	<100	<100	<100	<100
Total petroleum hydrocarbons C29-C36 Fraction	6 Months	125.8	µg/L	-	-	-	-		<50	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	<100	dry bore	dry bore	dry bore	<100	<100	<100	<100
SWL (BGL)	6 Months		m	5.36	0.3	0.47	2.35		0.45	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	dry bore	5.5	dry bore	dry bore	dry bore	5.44			4.8

EPA POINT 9 Monitoring Bore MB2

Parameter	Frequency	Trigger level	unit of measure	8/09/2022 11:45	21/03/2022 13:30	14/09/2021 11:15	18/03/2021 14:25	1/09/2019 13:55	4/03/2019 14:30	11/09/2019 12:30	21/03/2019 13:20	12:00	13:45	13:50	15:40	8:45	10:25	13:30	14:30	10:15	8:10	12:30
Sampled by				Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Jesse Munro	Mitchell Call	Mitchell Call	Mitchell Call	Jesse Munro	Jesse Munro	Mark Bayley	Mark Bayley	Jesse Munro	Jesse Munro	Jesse Munro	Mark Bayley	Jesse Munro	Jesse Munro	Mark Bayley
Date results received/ Date results published				20/10/2022 27/10/2022	03/05/2022 09/05/2022	27/10/2021 28/10/2021	28/04/2021 29/04/2021	28/09/2020 8/10/2020	26/03/2020 30/03/2020	15/10/2019 17/10/2019	10/04/2019 12/04/2019	15/10/2018 26/10/2018	2/05/2018 3/05/2018	23/10/2017 26/10/2017	20/04/2017 15/05/2017							
SWL (mAHD)	6 Months		mAHD	29.79	29.82	29.05																
Ammonia	6 Months	2.09	mg/L	0.13	0.065	0.312	0.171	0.079	0.162	0.147	0.2	0.246	0.458	0.248	0.185	0.105	0.127	0.167	0.317	0.178	0.15	44.889
Dissolved Organic Carbon	6 Months	63.4	mg/L	6.44	9.7	5.8	13	3.6	2.9	3.8	3.2	2.6	3.4	4.5	5.2	4.9	12.3	3.2	12.8	10.6	23.9	9.2
Nitrogen (total)	6 Months	3.3	mg/L	0.253	0.78	0.43	1.36	0.27	0.19	0.25	0.24	0.36	0.54	0.4	0.27	0.26	0.21	0.292	0.5	0.37	0.25	48.24
Nitrate	6 Months		mg/L	<0.005	<0.005	<0.005																
Nitrite	6 Months		mg/L	0.007	<0.005	<0.005																
pH	6 Months	5.11-9.5	pH	6.39	4.29	6.48	7.09	6.35	6.33	6.42	6.41	6.43	6.62	5.5	7.34	6.26	6.02	6.34	6.51	6.39	6.38	6.39
Potassium	6 Months	9.1	mg/L	3.99	1.61	4.5	4.5	4.6	3.41	4.3	4.2	4.4	4.2	4.3	4.5	4.5	4.2	3.4	3.6	4	4.2	8.5
Total petroleum hydrocarbons C10-C36 Fraction	6 Months	300	µg/L	<100	120	<100																
Total petroleum hydrocarbons C15-C28 Fraction	6 Months	139.8	µg/L	-	-	-	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
Total petroleum hydrocarbons C29-C36 Fraction	6 Months	139.8	µg/L	-	-	-	<50	<50	<50	<50	<50	<50	<100	<100	<100	<100	<100	<100	<100	<100	<100	520
SWL (BGL)	6 Months		m	2.7	2.65	3.42	3.39	3.69	3.79	3.89	3.89	3.57	2.7	3.6	2.1	2.73	3.3	3.45	3.3			2.7

EPA POINT 10 Monitoring Bore MB3

Parameter	Frequency	Trigger level	unit of measure	8/09/2022 10:45	21/03/2022 15:20	14/09/2021 12:30	18/03/2021 13:55	1/09/2019 14:35	4/03/2019 12:00	11/09/2019 14:20	21/03/2019 15:20	19/09/2018 13:40	27/03/2018 13:30	12/09/2017 12:55	8/03/2017 14:05	22/09/2016 10:40	15/03/2016 12:08	9/09/2015 14:10	31/03/2015 15:10	19/12/2014 10:40	3/09/2014 8:50	5/03/2014 13:05
Sampled by				Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Jesse Munro	Mitchell Call	Mitchell Call	Mitchell Call	Jesse Munro	Jesse Munro	Mark Bayley	Mark Bayley	Jesse Munro	Jesse Munro	Jesse Munro	Mark Bayley	Jesse Munro	Jesse Munro	Mark Bayley
Date results received/ Date results published				20/10/2022 27/10/2022	03/05/2022 09/05/2022	27/10/2021 28/10/2021	28/04/2021 29/04/2021	28/09/2020 8/10/2020	26/03/2020 30/03/2020	15/10/2019 17/10/2019	10/04/2019 12/04/2019	15/10/2018 26/10/2018	2/05/2018 3/05/2018	23/10/2017 26/10/2017	20/04/2017 15/05/2017							
SWL (mAHD)	6 Months		mAHD	29.17	27.92	27.43																
Ammonia	6 Months	2.09	mg/L	0.103	0.193	<0.05	0.176	0.095	0.168	0.087	0.15	4.59	7.449	0.073	0.473	0.147	2.33	0.124	2.37	0.212	0.295	3.58
Dissolved Organic Carbon	6 Months	45.8	mg/L	3.6	5.1	5	2.7	3.6	1.7	3.2	5	3.1	1.7	3	6.8	8.7	4	1.7	4.1	6.1	12.2	1.6
Nitrogen (total)	6 Months	2.3	mg/L	0.11	0.48	0.33	0.9	0.33	0.3	0.12	0.16	11.1	7.5	1.6	0.9	0.26	2.04	0.93	2.87	0.27	0.38	4.07
Nitrate	6 Months		mg/L	<0.005	0.023	0.223																
Nitrite	6 Months		mg/L	0.005	<0.005	<0.005																
pH	6 Months	5.54-9.1	pH	7.27	7.37	7.74	7.49	7.3	7.3	7.38	7.32	7.8	7.49	4.76	7.34	6.6	7.38	6.73	6.89	6.61	7.09	6.75
Potassium	6 Months	6.9	mg/L	3.43	3.23	3.8	3.8	7	2.88	3.7	3.4	4.7	3.9	3.8	4.6	3.6	4.3	2.8	3.2	3.1	4	3.5
Total petroleum hydrocarbons C10-C36 Fraction	6 Months	300	µg/L	<100	490	<100																
Total petroleum hydrocarbons C15-C28 Fraction	6 Months	106.9	µg/L	-		-	110	<100	<100	<100	<100	<150	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
Total petroleum hydrocarbons C29-C36 Fraction	6 Months	106.9	µg/L	-	-	-	<50	<50	<50	<50	<50	<50	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SWL (BGL)			m	0.35	1.6	2.09	1.84	1.91	2.43	2.67	2.45	1.51	0.17	0.88	0.7	0.7	1.65	1.88	1.7			0.9

EPA POINT 11 Monitoring Bore MB4

Parameter	Frequency	Trigger level	unit of measure	8/09/2022 11:15	21/03/2022 14:50	14/09/2021 0:00	18/03/2021	1/09/2020	4/03/2020	11/09/2019	21/03/2019	19/09/2018	27/03/2018	12/09/2017	8/03/2017	22/09/2016	15/03/2016	9/09/2015	31/03/2015	19/12/2014	3/09/2014	5/03/2014
Time sampled				14:50	14:50	13:00	14:05	14:50	11:45	11:45	12:20	13:55	13:30	13:15	11:38	11:00	12:30	14:45	15:40	11:00	9:30	
Sampled by				Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Jesse Munro	Mitchell Call	Mitchell Call	Mitchell Call	Jesse Munro	Jesse Munro	Mark Bayley	Mark Bayley	Jesse Munro	Jesse Munro	Jesse Munro	Mark Bayley	Jesse Munro	Jesse Munro	Mark Bayley
Date results received/ Date results published				20/10/2022 27/10/2022	03/05/2022 09/05/2022	27/10/2021 28/10/2021	28/04/2021 29/04/2021	28/09/2020 8/10/2020	26/03/2020 30/03/2020	15/10/2019 17/10/2019	10/04/2019 12/04/2019	15/10/2018 26/10/2018	2/05/2018 3/05/2018	23/10/2017 26/10/2017	20/04/2017 15/05/2017							
WL (mAHD)	6 Months		mAHD	27.67	27.67	26.7																
Ammonia	6 Months	2.09	mg/L	0.063	0.164	0.067	0.175	0.049	0.098	0.034	0.09	0.07	0.128	0.113	0.063	0.068	0.058	0.035	0.07	0.16	0.031	0.077
Dissolved Organic Carbon	6 Months	92.9	mg/L	3.6	2.7	7.2	4.2	1.5	0.5	3	0.8	1.8	0.2	1.8	1.3	2.9	3.3	0.3	3.3	4.4	12.7	0.8
Nitrogen (total)	6 Months	1	mg/L	0.07	0.41	0.08	1.49	0.05	0.1	0.05	0.1	0.38	0.13	0.09	0.1	0.12	0.06	0.04	0.18	0.16	0.06	0.11
Nitrate	6 Months		mg/L	<0.005	0.215	0.02																
Nitrite	6 Months		mg/L	0.007	0.008	<0.005																
pH	6 Months	4.97-10.3	pH	6.81	6.86	6.95	7.54	6.79	6.72	6.81	6.79	6.9	6.81	5.37	6.97	6.63	5.79	6.61	6.45	6.72	7.41	6.72
Potassium	6 Months	8.6	mg/L	3.58	3.71	3.9	4.1	3.5	3.05	3.78	3.6	3.9	3.6	3.8	3.9	4	3.8	2.9	3.4	3.5	1.7	3.3
Total petroleum hydrocarbons C10-C36 Fraction	6 Months	300	µg/L	<100	260	<100	<100															
Total petroleum hydrocarbons C15-C28 Fraction	6 Months	50	µg/L	-	-	-	-	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
Total petroleum hydrocarbons C29-C36 Fraction	6 Months	50	µg/L	-	-	-	-	<50	<50	<50	<50	<50	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
SWL (BGL)	6 Months		m	0	0	0.97	-	1.17	1.45	1.46	1.28	0.71	surface	0.58	0.8	surface	0.09	0.42	0.2			1.6

EPA POINT 12 Monitoring Bore MB5-A

Parameter	Frequency	Trigger level	unit of measure			31/03/2015	19/12/2014	3/09/2014	5/03/2014	30/08/2013	6/03/2013	19/09/2012	16/08/2012	25/05/2012	20/03/2012
Time sampled						13:50	9:50	7:40	12:05	10:15	12:40	10:45	9:50	16:00	
Sampled by						Mark Bayley	Jesse Munro	Jesse Munro	Mark Bayley	Mark Bayley	Mark Bayley	Mark Bayley	Mark Bayley	Mark Bayley	RVC
Date results received															
Date results published															
Ammonia	6 Months	2.09	mg/L			0.089	0.014	0.031	0.007	0.02	0.024	0.031	0.1	0.062	ND
Dissolved Organic Carbon	6 Months	40.3	mg/L		No longer sampled due to access issues - see MB5-B	3.7	4.4	12.7	1.5	9.7	1.8	2.5	1.4	3.053	ND
Nitrogen (total)	6 Months	3	mg/L			0.11	0.18	0.06	0.11	0.09	0.05	0.13	0.35	0.093	ND
pH	6 Months	4.9-8.4	pH			6.24	5.94	7.41	6.04	6.08	8.25	6.07	6.06	7.29	ND
Potassium	6 Months	4.95	mg/L			1.6	1.7	1.7	1.5	1.7	1.6	2.4	1.6	3.43	ND
Total petroleum hydrocarbons C15-C36 Fraction	6 Months	50	µg/L			<100	none detected	none detected	none detected	none detected	<100	none detected	not detected	none detected	ND
SWL (BGL), m	6 Months		m			0.5			0.6	0.5	0.6	0.8	0.7	1	

EPA POINT 13 Monitoring Bore MB5-B

Parameter	Frequency	Trigger level	unit of measure	8/09/2022 12:25	21/03/2022 14:00	14/09/2021	18/03/2021	1/09/2020	4/03/2020	11/09/2019	21/03/2019	19/09/2018	27/03/2018	12/09/2017	8/03/2017	22/09/2016	15/03/2016	9/09/2015
Time sampled				12:25	14:00	11:45	14:45	12:15	14:00	13:00	14:40	12:30	14:15	13:30	14:50	9:35	11:02	12:45
Sampled by				Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Jesse Munro	Mitchell Call	Mitchell Call	Mitchell Call	Jesse Munro	Jesse Munro	Mark Bayley	Mark Bayley	Jesse Munro	Jesse Munro	Jesse Munro
Date results received/ Date results published				20/10/2022 27/10/2022	03/05/2022 09/05/2022	27/10/2021 28/10/2021	28/04/2021 29/04/2021	28/09/2020 8/10/2020	26/03/2020 30/03/2020	15/10/2019 17/10/2019	10/04/2019 12/04/2019	15/10/2018 26/10/2018	2/05/2018 3/05/2018	23/10/2017 26/10/2017	20/04/2017 15/05/2017			
Depth (GL=29.41mAHD)	6 Months		m	27.74	27.71	2.64												
Ammonia	6 Months	2.09	mg/L	0.007	0.076	<0.05	0.165	0.031	0.11	0.029	0.08	0.025	0.05	0.141	0.042	0.078	0.07	0.026
Dissolved Organic Carbon	6 Months	27.14	mg/L	7.5	9.5	8.6	6.5	4.1	5.8	5.2	3.4	2.7	3.7	5.6	5.1	9.6	5.4	2.2
Nitrogen (total)	6 Months	3	mg/L	0.204	1.34	0.56	0.28	0.37	0.46	0.27	0.18	0.19	0.2	0.41	1.4	1.63	0.23	0.13
Nitrate	6 Months		mg/L	<0.005	<0.005	<0.005												
Nitrite	6 Months		mg/L	0.006	0.006	<0.005												
pH	6 Months	4.9-8.4	pH	4.68	4.34	6.48	5.87	6.54	6.61	6.7	6.61	6.39	6.11	5.46	6.52	5.3	8.78	5.89
Potassium	6 Months	8.54	mg/L	1.20	1.6	4	2.4	3.5	2.79	3.67	3.3	3.2	2.3	2.7	2.7	2.7	2.8	1.2
Total petroleum hydrocarbons C10-C36 Fraction	6 Months	300	µg/L	<100	100	<100												
Total petroleum hydrocarbons C15-C28 Fraction	6 Months	50	µg/L	-	-	-	170	<100	<100	<100	<100	<150	<100	<100	<100	<100	<100	<100
Total petroleum hydrocarbons C29-C36 Fraction	6 Months	50	µg/L	-	-	-	120	<50	85	<50	<50	<50	<100	<100	<100	<100	<100	<100
SWL (BGL)	6 Months		m	1.67	1.7	2.64	2.29	2.57	2.91	3.02	2.97	2.57	1.67	2.8	2.5	1.66	2	2.13

SW01 Surface Waters

SW01	Surface Waters		50mm Rainfall event in 24hrs	33.2mm BOM- Casino Airport	240.2mm BOM- Casino Airport (28th)	122.6mm BOM- Casino Airport	81.0mm BOM- Casino Airport	52.4mm BOM- Casino Airport	70.2mm BOM- Casino Airport	58mm (Onsite) 36.6mm BOM - Casino Airport	91mm (Onsite)	60mm (onsite) 37.4mm BOM - Casino Airport	65mm (onsite) 74.6mm BOM - Casino Airport	162mm (onsite) 152.2mm BOM - Casino Airport	100mm (onsite) 91.0mm BOM - Casino Airport	129.0mm (onsite) 42.6mm BOM - Casino Airport	84.5mm (onsite) No Data BOM - Casino Airport	124.0mm (onsite) 89.0mm BOM - Casino Airport	49.5mm (onsite) 43.2mm BOM - Casino Airport	58.5mm (onsite) 82.8mm BOM - Casino Airport										
																							19/06/2013	28/02/2013	29/01/2013	29/01/2013				
																							10.45							
																				Mark Bayley - AWC	RVC	RVC	RVC							
Parameter	Frequency	Trigger level	unit of measure																				28/10/2015	2/05/2015	21/02/2015	29/08/2014				
Date sampled				24/10/2022	27/02/2022	24/02/2022	3/02/2022	21/01/2022	1/12/2021	20/02/2021	18/01/2021	30/12/2020	21/12/2020	15/12/2020	13/12/2021	13/02/2020	7/02/2020	18/01/2020	18/03/2019	16/03/2019	5/06/2016	4/06/2016				6.45	0.931	0.374	1.755	0.034
Time sampled				9:30	9:30	9:50	1:00pm	1:00pm	10:20	10:21	4:30pm	10:42	9:13	8:57	8:47			10:30am	8.30am	8.15am			RVC	RVC	RVC	Mark Bayley-	0.002	0.086	0.002	0.196
Sampled by				RVC	RVC	RVC	RVC	RVC	RVC	J.Moroney-RVC	J.Moroney-RVC	J. Moroney - RVC	J. Moroney - RVC	J. Moroney - RVC	J. Moroney - RVC	J. Moroney -	J. Moroney -	C. Dzendolet -	Kristin Blain-	Kristin Blain -	RVC	RVC					67.3	18.9	37.3	6.2
Date results received				18/11/2022	3/05/2022	3/05/2022	10/03/2022	10/03/2022	10/03/2022	28/04/2021	28/04/2021	29/01/2021	29/01/2021	29/01/2021	29/01/2021	24/02/2020	20/02/2020	28/01/2020	4/04/2019	4/04/2019							459	64	56	47
Date results published				28/11/2022	9/05/2022	9/05/2022	14/03/2022	14/03/2022	14/03/2022	29/04/2021	29/04/2021	10/02/2020	10/02/2020	10/02/2020	10/02/2020				12/04/2019	12/04/2019			0.055	1.082	0.013	4.474	0.002	0.075	0.008	0.082
Ammonia	Event based	n/a	mg/L	0.434	0.11	0.213	0.321	0.052	0.406	1.814	<0.005	0.228	0.704	0.562	0.079	0.111	0.244	0.33	0.073	0.068	4.01	0.051	0.001	0.024	0.002	0.001	1.83	430	580	240
Arsenic	Event based	n/a	mg/L	0.01	0.055	0.034	0.081	0.063	0.150	0.03	0.12	0.034	0.024	0.054	0.121	<0.001	0.121	0.038	0.001	0.001	0.035	0.001	34.4	27.5	24.8	53.1	0.004	0.051	0.008	0.075
Calcium	Event based	n/a	mg/L	30.2	5.45	9.3	15.458	27.079	16.1	33.7	3.84	24.5	41.7	32.5	5.35	6.4	20	9.94	10.3	21	43.6	8.83	109	126	25	62	37.4	14.2	21.5	13.2
Chloride	Event based	n/a	mg/L	84	<10	30	34.407	102.754	36	80	377	87	100	65	27	17	72	99	120	48	93.1	103	0.006	0.016	0.008	0.001	8.3	6.52	6.32	6.89
Chromium	Event based	n/a	mg/L	<0.001	0.022	0.031	0.021	0.012	0.109	0.019	0.058	0.01	0.007	0.029	0.088	<0.001	0.054	0.012	0.001	0.003	0.023	0.001	0.86	552	272	780	46.9	10.8	12.8	5.1
Conductivity	Event based	n/a	uS/cm	231	71	182	238.000	598.000	259	579	0.064	543	774	570	154	111	462	424	1110	324	0.75	0.45	0.003	0.016	0.021	0.009	0.099	0.332	0.042	0.031
Copper	Event based	n/a	mg/L	0.002	0.018	0.016	0.023	0.016	0.057	0.018	0.056	0.023	0.025	0.034	0.049	0.013	0.052	0.018	0.006	0.006	0.029	0.003	58.5	8.6	14.9	29.2	4.437	0.28	8.358	0.015
Dissolved organic carbon	Event based	n/a	mg/L	23.5	11	18.7	26.300	23.600	14.1	29.5	13.3	26	35.2	23.2	12	15.5	19.6	15.9	36.8	22.5	96.79	14.75	10.8	8.6	8.7	10.1	7.4	7.35	7.24	7.03
Dissolved Oxygen	Event based	n/a	mg/L	7.9	9.1	6.5	7.520	7.800	7.6	6.4	8.6	4.6	5.6	7.7	9	8.3	6.5	9.9	3.2	6.5	1.97	9.95	17.1	12.9	6.8	20.6	21.6	8.7	15.6	4.4
Magnesium	Event based	n/a	mg/L	7.84	2.51	4.89	6.564	14.000	7.58	15.1	2.24	12.1	17.6	13.3	3.24	2.5	11	9.02	27.9	6.6	15.7	7.85	0.313	0.022	0.164	0.055	210	150	210	165
Manganese	Event based	n/a	mg/L	0.052	0.026	0.034	0.058	0.045	0.049	0.05	0.05	0.015	0.052	0.02	0.036	0.036	0.05	0.045	0.011	0.029	0.484	0.026	17.999	4.246	0.75	11.513	255	52.7	48.6	32.6
Nitrate	Event based	n/a	mg/L	0.112	0.143	1.12	0.704	0.165	1.61	1.655	0.1	0.521	2.409	9.12	0.754	1.5	3.67	1.25	44.6	4.85	2.27	0.343	6.33	7.28	7.37	6.8	40	17	62	6
pH	Event based	n/a	pH	7.13	6.75	6.92	7.110	7.340	7.04	7.56	6.77	7.24	7.4	7.08	6.86	6.92	7.21	6.7	7.02	7.31	6.86	6.68	26.2	10.9	5.7	16.9	14.61	15.2	18.5	18.3
Potassium	Event based	n/a	mg/L	5.79	2.95	5.91	5.419	8.617	5.73	13.5	4.3	11	14.8	12.5	5.28	6.1	8.7	6.69	0.075	15.4	17.2	5.71	217	240	254	225	25	71	66	50
Redox potential	Event based	n/a	mV	223	219		272.000	225.000	231	298	196	292	334	264	264				-52	-57	110	123	81.2	47.8	25.1	66.8				
Sodium	Event based	n/a	mg/L	17.8	8.38	25	30.361	81.373	29.5	65.3	8.38	71.6	83.6	52.2	18.1	9.5	58	53.6	62.6	25.2	66.1	55.1	47	4	21	56				
Sulphate	Event based	n/a	mg/L	144	11	13	13.918	18.075	13	28	<1	32	68	58	5	6	33	7.7	89	46	44.1	2.01								
Temperature	Event based	n/a	Deg C	-	-	-	-	-	-	-	--	--	--	--	--						19	20	38	62	487	70	19/06/2013	28/02/2013	29/01/2013	29/01/2013
Total suspended solids	Event based	n/a	mg/L	19	34	44	47.000	27.333	50	13	44	20	14	22	21	100	24	72	24	28	56	15					10:20			

SW02 Surface Waters

SW02	Surface Waters		50mm Rainfall event in 24hrs	33.2mm BOM- Casino Airport	240.2mm BOM- Casino Airport (28th)	122.6mm BOM- Casino Airport	81.0mm BOM- Casino Airport	52.4mm BOM- Casino Airport	70.2 BOM- Casino Airport	58mm (Onsite) 36.6mm BOM - Casino Airport	91mm (Onsite)	60mm (onsite) 37.4mm BOM - Casino Airport	65mm (onsite) 74.6mm BOM - Casino Airport	162mm (onsite) 152.2mm BOM - Casino Airport	100mm (onsite) 91.0mm BOM - Casino Airport	129.0mm (onsite) 42.6mm BOM - Casino Airport	84.5mm (onsite) No Data BOM - Casino Airport	124.0mm (onsite) 89.0mm BOM - Casino Airport	49.5mm (onsite) 43.2mm BOM - Casino Airport	58.5mm (onsite) 82.8mm BOM - Casino Airport										
																						Mark Bayley - AWC	RVC	RVC	RVC					
Parameter	Frequency	Trigger level	unit of measure																				28/10/2015	2/05/2015	21/02/2015	29/08/2014				
Date sampled				24/10/2022	27/02/2022	24/02/2022	3/02/2022	21/01/2022	1/12/2021	20/02/2021	18/01/2021	30/12/2020	21/12/2020	15/12/2020	13/12/2021	13/02/2020	7/02/2020	18/01/2020	18/03/2019	16/03/2019	5/06/2016	4/06/2016				6:55	6.38	0.491	0.557	0.118
Time sampled				9:30	9:15	9:40	1:00pm	1:00pm	10:10	10:35	4:20pm	10:30	9:04	9:10	8:38			10:20am	8.30am	8.15am			RVC	RVC	RVC	AWC	0.001	0.001	0.001	0.002
Sampled by				RVC	RVC	RVC	RVC	RVC	RVC	J. Moroney-RVC	J. Moroney - RVC	J. Moroney - RVC	J. Moroney - RVC	J. Moroney - RVC	J. Moroney - RVC	RVC	RVC	RVC	RVC	RVC	RVC	RVC					128	78.4	62.3	27
Date results received				18/11/2022	3/05/2022	3/05/2022	10/03/2022	10/03/2022	10/03/2022	28/04/2021	28/04/2021	29/01/2021	29/01/2021	29/01/2021	29/01/2021	24/02/2020	20/02/2020	28/01/2020	4/04/2019	4/04/2019							122	46	80	32
Date results published				28/11/2022	9/05/2022	9/05/2022	14/03/2022	14/03/2022	14/03/2022	29/04/2021	29/04/2021	10/02/2020	10/02/2020	10/02/2020	10/02/2020				12/04/2019	12/04/2019			0.055	0.42	0.148	0.877	0.002	0.002	0.003	0.005
Ammonia	Event Based	n/a	mg/L	0.333	0.167	0.251	0.202	0.052	0.492	0.675	0.005	0.059	0.509	0.192	0.069	0.133	0.269	0.213	0.074	0.075	0.44	0.03	0.001	0.002	0.135	0.002	1.48	830	850	410
Arsenic	Event Based	n/a	mg/L	0.048	0.001	0.034	<0.001	0.002	0.003	0.001	0.002	0.002	0.003	0.001	0.001	<0.001	0.002	0.001	0.064	0.268	0.00	0.00	34.4	38.1	12.9	119	0.015	0.013	0.009	0.009
Calcium	Event Based	n/a	mg/L	19.5	17.3	16.4	12.629	34.555	30.8	37.4	14.0	39.2	62.7	54.5	25.2	20	53	39	10.3	4.2	66.10	11.50	109	70	55	115	37.1	12	24.1	30.8
Chloride	Event Based	n/a	mg/L	97	12	12	10.000	1.656	20	0.002	199.000	43	48	42	25	14	41	16	61	32	77.50	14.20	0.006	0.003	0.059	0.002	8.3	7.02	6.61	7.15
Chromium	Event Based	n/a	mg/L	0.077	0.001	0.001	0.001	0.001	0.003	30	0	0.002	0.002	0.001	0.001	0.001	0.001	0.003	0.018	0.069	0.00	0.00	0.858	497	0.316	1.3	49.9	25	19.2	7.5
Conductivity	Event Based	n/a	uS/cm	259	198	149	118.000	335.000	277	387	0.164	446	653	583	298	198	577	388	332	154	0.95	0.19	0.003	0.006	0.064	0.013	0.131	0.048	0.033	0.021
Copper	Event Based	n/a	mg/L	0.024	0.003	0.004	0.003	0.003	0.008	0.005	0.007	0.006	0.006	0.008	0.004	0.007	0.006	0.01	0.029	0.072	0.01	0.01	58.5	28.8	14.1	43.8	17.204	4.723	15.889	5.93
Dissolved organic carbon	Event Based	n/a	mg/L	20.2	9.5	16.4	39.000	30.300	14.6	38.6	23.9	47.3	49.9	30.5	13.6	14.6	23.5	11.8	17.9	16.5	36.89	13.49	10.8	10.3	9.6	10.4	7.63	7.46	7.23	7.5
Dissolved Oxygen	Event Based	n/a	mg/L	7.8	8.5	5.7	6.140	7.760	6.5	9.7	6.6	5.6	6.8	7.5	9.3	8.1	6.4	8.6	4.8	5.6	10.32	9.90	17.1	12.8	7.4	45.4	32.8	18.3	18.7	18.4
Magnesium	Event Based	n/a	mg/L	7.51	7.11	4.35	3.406	7.564	7.20	11.3	4.0	11.7	17.9	14.8	6.25	5.6	14	8.73	7.6	3.4	22.70	3.64	0.313	0.033	0.095	0.038	207	186	330	177
Manganese	Event Based	n/a	mg/L	0.029	0.048	0.056	0.075	0.033	0.055	0.085	0.054	0.048	0.45	0.014	0.007	0.052	0.008	0.089	0.028	0.027	0.02	0.03	17.999	3.685	0.581	24.031	135	69.5	72.9	37.8
Nitrate	Event Based	n/a	mg/L	0.594	0.107	0.678	0.068	0.005	0.673	0.007	0.313	0.005	0.005	5.34	3.54	2.28	3.96	12.4	1.77	0.378	13.70	1.52	6.33	7.28	7.26	7029	104	89	102	18
pH	Event Based	n/a	pH	7.21	7.26	6.99	6.670	7.140	7.30	7.56	7.18	7.07	7.54	7.33	7.2	7.35	7.56	7.46	7.07	7.01	7.60	7.31	26.2	12.9	5.1	32.3		15.4	18.9	18.6
Potassium	Event Based	n/a	mg/L	5.3	6.15	7.04	3.324	5.657	6.53	9.88	11.80	9.26	16	18.2	10.8	6.9	15	11.6	7.3	2.4	26.80	9.02	217	238	252	224	18	41	108	54
Redox potential	Event Based	n/a	mV	246	229		260.000	231.000	255	282	219	298	255	291	279				-67	-65	102.00	113.00	81.2	32.5	37.8	130				
Sodium	Event Based	n/a	mg/L	30.9	20.8	12	8.803	32.525	20.7	31.9	14	42.4	46.5	35.1	20.2	9.9	47	23	38.6	19.6	74.20	15.20	47	12	10	162				
Sulphate	Event Based	n/a	mg/L	145	9	<9	<9	15.257	20	22	1	32	61	77	21	20	62	30	34	21	83.10	11.43								
Temperature	Event Based	n/a	Deg C	-	-	-	-	-	-	-	--	--	--	--	--						18.00	20.00	38	238	196	49				
Total suspended solids	Event Based	n/a	mg/L	28	50	45	39	16	77	9	166	10	11	5	8	98	4	134	38	36	13.00	82.00								

EPA Point 6 Air

Parameter	Frequency	Limit	unit of measure	2/06/2022	1/06/2021	15/06/2020	18/06/2019	2/07/2018	29/06/2017	30/06/2016	25/06/2015	3/09/2014	26/06/2013	26/06/2012	13/12/2011
Time sampled				10:25 - 11:20	14:20 - 15:00	13:30-14:00	13:00-13:30	09:00 - 09:30	10:00-10:30						
Sampled by				Adrian Leader	Adrian Leader	Mitchell Call	Mitchell Call	Mark Bayley	Mark Bayley						
Date results received				24/06/2022	7/07/2021	2/07/2020	4/07/2019	30/07/2018	17/07/2017						
Date results published				30/06/2022	12/07/2021	3/07/2020	17/07/2019	7/08/2018	17/07/2017						
Methane	Annual	n/a	Percent by volume	Nil detected	Nil detected	Nil detected	Nil detected	Nil detected	Nil detected	Nil detected	Nil detected	Nil detected	Nil detected	Nil detected	Nil detected

EPA Point 7 Air

Parameter	Frequency	Limit	unit of measure	2/06/2022	1/06/2021	15/06/2020	18/06/2019	2/07/2018	29/06/2017	30/06/2016	25/06/2015	3/09/2014	26/06/2013	26/06/2012	13/12/2011
Time sampled				10:25 - 11:20	14:20 - 15:00	13:30-14:00	13:00-13:30	09:00 - 09:30	10:00-10:30						
Sampled by				Adrian Leader	Adrian Leader	Mitchell Call	Mitchell Call	Mark Bayley	Mark Bayley						
Date results received				24/06/2022	7/07/2021	2/07/2020	4/07/2019	30/07/2018	6/07/2017						
Date results published				30/06/2022	12/07/2021	3/07/2020	17/07/2019	7/08/2018	17/07/2017						
Methane	Annual	n/a	Percent by volume	Nil detected	Nil detected	Nil detected	Nil detected	Nil detected	Nil detected	Nil detected	Nil detected	Nil detected	Nil detected	Nil detected	Nil detected

EPA Point 1 Sediment Pond Discharge

Parameter	Frequency	Limit	unit of measure	24/10/2022	23/05/2022	16/03/2022	24/02/2022	3/02/2022	21/01/2021	7/12/2021	1/12/2021	30/11/2021	29/11/2021	28/11/2021	27/11/2021	26/11/2021	25/11/2021	24/11/2021
Time sampled				9:20am	1:15pm	9:00am	1:00pm	1:30pm	1:00pm	10:30am	10:30am	9:00am	8:30am	8:30am	8:30am	8:30am	10:00am	9:45am
Sampled by				Michael Batman	Michael Batman	Michael Batman	Michael Batman	Michael Batman	Michael Batman	Michael Batman	Michael Batman	Michael Batman	Michael Batman	Michael Batman	Michael Batman	Michael Batman	Michael Batman	Michael Batman
Date results received				18/11/2022	26/05/2022	29/03/2022	9/03/2022	8/02/2022	28/01/2021	10/12/2021	7/12/2021	3/12/2021	3/12/2021	3/12/2021	3/12/2021	3/12/2021	3/12/2021	1/12/2021
Date results published				28/11/2022	30/05/2022	10/05/2022	14/03/2022	18/02/2022	31/01/2021	21/12/2021	21/12/2021	21/12/2021	21/12/2021	21/12/2021	21/12/2021	21/12/2021	21/12/2021	20/12/2021
Total Suspended Solids	Event Based	50	mg/L	22	13	18	57	45	28	11	37	11	12	22	31	14	11	16
pH	Event Based	n/a	pH	7.44	7.57	7.74	7.12	7.19	7.11	7.55	7.36	7.77	7.41	7.43	7.43	7.47	7.47	7.33