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

Richmond Valley Council

EPA POINT 3: Leachate Pond Waters

Parameter	Frequency	unit of measure															
Date sampled			3/03/2026	2/12/25	26/08/25	10/06/25	4/03/2025	10/12/2024 0:00	3/09/2024 11:25	6/06/2024 13:50	12/03/2024 0:00	4/12/2023 15:30	6/09/2023 10:00	13/06/2023 15:30	28/02/2023 15:30	6/12/2022 13:00	8/09/2022 12:45
Time sampled			14:00	11:05	11:15	11:40	10:40	12:45			12:30						
Sampled by			Will Dale	Will Dale	Will Dale	Will Dale	Will Dale	Will Dale	Will Dale	Will Dale	Will Dale	Will Dale	Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader
Date results received/ Date results published			18/03/2026 25/03/2026	22/12/2025 5/1/2026	19/9/2025 23/9/2025	25/6/2025 3/7/2025	7/4/2025 9/4/2025	23/1/2025 31/1/2025	18/10/2024 25/10/2024	5/7/2024 10/7/2024	8/4/2024 10/42024	21/12/2023 4/1/2024	27/9/2023 28/9/2023	6/7/2023 17/7/2023	28/3/2023 18/4/2023	22/12/2022 23/12/2022	20/10/2022 27/10/2022
Ammonia	Quarterly	mg/L	16.3	21.1	18.6	5.12	3.09	3.17	258	22.8	242	290	332	298	387	41.8	118
Arsenic	Quarterly	mg/L	0.012	0.01	0.003	0.002	<0.001	0.001	0.02	0.011	0.024	0.078	0.109	0.221	0.038	0.009	0.007
Bicarbonate	Quarterly	mg/L	555	670	435	176	191	115	1790	740	587	1966	2239	828	2333	847	1,065
Calcium	Quarterly	mg/L	45.7	56.5	42.3	23.6	15.5	9.63	109	143	81	104	107	146	59.5	63.2	64.1
Chloride	Quarterly	mg/L	341	425	244	109	106	47.2	949	822	1005	1353	1449	1360	1520	59.5	732
Chromium (total)	Quarterly	mg/L	0.026	0.019	0.008	0.005	0.002	0.002	0.024	0.017	0.017	0.025	0.051	0.04	0.046	0.008	0.013
Conductivity	Quarterly	µS/cm	1850	2160	1250	567	698	421	5540	4780	5760	6717	7445	6890	8001	4240	4400
Copper	Quarterly	mg/L	0.007	0.002	0.002	0.006	0.003	0.004	0.003	0.004	0.002	0.002	0.005	0.002	0.005	<0.001	0.001
Dissolved Organic Carbon	Quarterly	mg/L	111	145	37.3	18.7	20.9	12.1	269	157	136	405	236	211	233	106	112
Dissolved Oxygen	Quarterly	mg/L	0.2	0.3	18.35	9.41	6.92	7.52	0.78	1.45	1.5	0.35	5.14	1.07	4.21	12.26	10.95
Magnesium	Quarterly	mg/L	34.5	46.8	22.5	11.2	7.82	4.7	97.4	92.8	93.5	115	125	113	104	72.9	72.9
Nitrogen (total)	Quarterly	mg/L	34.9	36.9	23	1.15	6.92	5.51	295	211	242	293	347	309	424	53.9	186
Organochlorine Pesticides	Quarterly	mg/L	<0.0002	<0.0002	<0.001	<0.001	<1	<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Organphosphate Pesticides	Quarterly	mg/L	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.001	<0.0005	0.0016
pH	Quarterly	pH	7.59	7.7	8.49	8.03	8.61	7.87	7.4	7.35	8.09	7.59	7.81	7.21	8.18	8.5	8.45
Phenols	Quarterly	mg/L	0.0048	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.13	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Phosphorus	Quarterly	mg/L	1.26	1.15	0.201	0.048	0.077	0.061	0.38	0.541	0.28	0.74	1.28	0.76	0.95	0.34	0.35
Potassium	Quarterly	mg/L	60.2	68.2	24.6	12.5	8.6	6.26	148	115	124	136	201	158	220	115	122
Semi-volotile organic carbons	Quarterly	mg/L	0.006	<0.0075	<0.05	<0.05	<0.01	<0.05	0.35	<0.1	<0.01	0.007	<0.01	<0.05	<0.005	<0.005	<0.0005
Sodium	Quarterly	mg/L	292	388	182	99.7	123	70.3	815	622	753	825	1086	880	1021	601	618
Sulphate	Quarterly	mg/L	14.3	13.9	<9	23.6	<9	<9	31	37.1	213	109	28	22	32	17	14
Total dissolved solids	Quarterly	mg/L	1436	1727	825	522	473	324	3018	2651	2812	4160	4350	3341	4174	2709	2,279
Total petroleum hydrocarbons	Quarterly	mg/L	1.7	5.514	0.99	0.71	0.66	0.32	6.24	4.5	5	12.48	0.472	4.1	3.3	0.92	0.57
Volatile organic compounds	Quarterly	mg/L	0.0024	0.04	<0.01	<0.01	<0.01	<0.01	<0.1	<0.01	<0.01	0.16	<0.01	<0.01	<0.01	<0.01	0.0092

Parameter															
Date sampled	23/05/2022 13:10	21/03/2022 14:00	3/12/2021 12:00	14/09/2021 12:00	1/06/2021 14:15	18/03/2021 14:30	############	############	############	############	4/12/2019 14:45	11/09/2019 13:30	18/06/2019 12:30	21/03/2019 15:00
Sampled by	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	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	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	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	817	413	613	1344	1096	652	1022	895	900	435	1920	540	688	320
Calcium	60.1	48.9	33.8	55.7	72.6	62.2	25.1	48	51	38	195	32.9	72	106
Chloride	439	220	44.3	1263	753	575	3719	1238	1440	533	2250	2074	1979	1330
Chromium (total)	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	2494	1580	3610	6000	4820	2645	11700	4953	4030	2970	9920	7860	6665	6330
Copper	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	60.4	28.5	105.0	202	113	71	127	148	126	74.3	359	282	178	122
Dissolved Oxygen	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	45.9	30.2	58.1	111	80.6	59.7	139	108	94	69	176	92.3	106	104
Nitrogen (total)	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	<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	<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	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	<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	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	80.4	45	116	193	116	80.6	378	158	132	78	275	229	209	181
Semi-volotile organic carbons	<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	346	205	601	1005	599	376	2326	920	794	482	1400	1451	1218	983
Sulphate	15	21	19	23	77	42	58	96	35	164	65	27	225	690
Total dissolved solids	1412	892	2,287	3834	2488	1799	7950	3225	2750	1640	4950	4510	4271	4090
Total petroleum hydrocarbons	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	<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

EPA POINT 8 Monitoring Bore MB1

Parameter	Frequency	Trigger level	unit of measure																		
Date sampled				3/03/2026	26/08/2025	4/03/2025	3/09/2024 11:10	12/03/2024 12:05	6/09/2023 10:15	16/03/2023 11:30	22/02/2023 14:45	6/12/2022 15:00	26/10/2022 10:45	29/09/2022 14:30	21/03/2022 14:30	14/09/2021 0:00	28/03/2021 15:00	1/09/2020	4/03/2020	11/09/2019	21/03/2019
Time sampled					10:50	10:25															
Sampled by				Jesse Munro	Will Dale	Will Dale	Will Dale	Will Dale	Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Jesse Munro	Mitchell Call	Mitchell Call	Mitchell Call
Date results received/ Date results published					19/9/2025 23/9/2025	7/4/2025 9/4/2025	18/10/2024 25/10/2024	8/4/2023 10/4/2023	NA	17/4/2023 21/4/2023	28/3/2023 18/4/2023	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
SWL (mAHD)	6 Months		mAHD	dry	37.21	dry bore	dry bore	dry bore	dry bore	34.5	36.49	36.24	41.3	40.43	39.35	Bore Dry					
Ammonia	6 Months	2.09	mg/L		0.057					1.008	2.26		0.266	0.33	0.059		0.124	dry bore	dry bore	dry bore	dry bore
Dissolved Organic Carbon	6 Months	69.6	mg/L		23.7					16	19.8	30	95.5	43.6	17.3		28.3	dry bore	dry bore	dry bore	dry bore
Nitrogen (total)	6 Months	4.2	mg/L		4.67					1.41	20.9	6.06	32.3	9.32	1.44		1.22	dry bore	dry bore	dry bore	dry bore
Nitrate	6 Months		mg/L		0.03						17.4	-	0.087	<0.05	0.022						
Nitrite	6 Months		mg/L		0.006						0.033	-	0.03	<0.05	0.011						
pH	6 Months	5.35-9.26	pH		6.29					6.78	6.36	-	7.09	6.93	6.01		5.65	dry bore	dry bore	dry bore	dry bore
Potassium	6 Months	36.9	mg/L		<0.5					8.12	4.13	-	5.24	1.89	0.38		0.6	dry bore	dry bore	dry bore	dry bore
Total petroleum hydrocarbons C10-C36 Fraction	6 Months	300	µg/L		210					1700	900	<100	890	640	62						
Total petroleum hydrocarbons C15-C28 Fraction	6 Months	125.8	µg/L		130					470	-	-	-	-	-		<100	dry bore	dry bore	dry bore	dry bore
Total petroleum hydrocarbons C29-C36 Fraction	6 Months	125.8	µg/L		81					330	-	-	-	-	-		<50	dry bore	dry bore	dry bore	dry bore
SWL (BGL)	6 Months		m		4.39					7.1	5.11	5.36	0.3	0.47	2.35		0.45	dry bore	dry bore	dry bore	dry bore

EPA POINT 9 Monitoring Bore MB2

Parameter	Frequency	Trigger level	unit of measure															
Date sampled				3/03/2026	26/08/2025	4/03/2025	3/09/2024 11:55	12/03/2024 13:10	6/09/2023 10:30	22/02/2023 14:00	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
Time sampled				13:55	12:40	11:05												
Sampled by				Jesse Munro	Will Dale	Will Dale	Will Dale	Will Dale	Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Jesse Munro	Mitchell Call	Mitchell Call	Mitchell Call
Date results received/ Date results published				18/03/2026 25/03/2026	19/9/2025 23/9/2025	7/4/2025 9/4/2025	18/10/2024 25/10/2024	8/4/2023 10/4/2023	27/9/2023 28/9/2023	28/3/2023 18/4/2023	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
SWL (mAHD)	6 Months		mAHD	30.12	30.5	30.01	29.96	29.45	29.27	29.48	29.79	29.82	29.05					
Ammonia	6 Months	2.09	mg/L	0.043	0.017	0.107	0.162	0.155	0.069	0.117	0.13	0.065	0.312	0.171	0.079	0.162	0.147	0.2
Dissolved Organic Carbon	6 Months	63.4	mg/L	2.81	3.14	2.63	2.31	3.1	5.5	2.9	6.44	9.7	5.8	13	3.6	2.9	3.8	3.2
Nitrogen (total)	6 Months	3.3	mg/L	0.162	0.1	0.179	0.2	0.18	0.18	0.314	0.253	0.78	0.43	1.36	0.27	0.19	0.25	0.24
Nitrate	6 Months		mg/L	<0.005	<0.005	<0.005	0.008	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005					
Nitrite	6 Months		mg/L	<0.005	<0.005	0.006	<0.005	<0.005	<0.005	<0.005	0.007	<0.005	<0.005					
pH	6 Months	5.11-9.5	pH	6.43	6.36	6.4	6.62	6.36	6.34	6.3	6.39	4.29	6.48	7.09	6.35	6.33	6.42	6.41
Potassium	6 Months	9.1	mg/L	3.87	3.92	3.57	4.43	4.2	4	4.38	3.99	1.61	4.5	4.5	4.6	3.41	4.3	4.2
Total petroleum hydrocarbons C10-C36 Fraction	6 Months	300	µg/L	<50	120	<100	<100	<100	<150	<100	<100	120	<100					
Total petroleum hydrocarbons C15-C28 Fraction	6 Months	139.8	µg/L	<100	120	<100	<100	<100	<100	-	-	-	-	<100	<100	<100	<100	<100
Total petroleum hydrocarbons C29-C36 Fraction	6 Months	139.8	µg/L	<100	<50	<50	<50	<50	<50	-	-	-	-	<50	<50	<50	<50	<50
SWL (BGL)	6 Months		m	2.35	1.97	2.46	2.51	3.02	3.2	2.99	2.7	2.65	3.42	3.39	3.69	3.79	3.89	3.89

EPA POINT 10 Monitoring Bore MB3

Parameter	Frequency	Trigger level	unit of measure																
date sampled				3/03/2026	26/08/2025	4/03/2025	3/09/2024 10:45	9/04/2024 9:45	12/03/2024 14:10:00 AM	6/09/2023 13:00 PM	22/02/2023	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
Time sampled				13:30	10:15	9:55													
Sampled by				Jesse Munro	Will Dale	Will Dale	Will Dale	Will Dale	Will Dale	Adrian Leader	Adrian Leader	Adran Leader	Adran Leader	Adrian Leader	Adrian Leader	Jesse Munro	Mitchell Call	Mitchell Call	Mitchell Call
Date results received/ Date results published				89/03/2026 25/03/2026	19/9/2025 23/9/2025	7/4/2025 9/4/2025	18/10/2024 25/10/2024	12/4/2023 15/4/2023	2/4/2023 10/4/2023	27/9/2023 28/9/2023	28/3/2023 18/4/2023	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
SWL (mAHD)	6 Months		mAHD	28.97	29.51	29.41	29.25		28.15	27.42	29.05	29.17	27.92	27.43					
Ammonia	6 Months	2.09	mg/L	0.012	0.062	0.15	0.177	0.13	2.5	0.02	0.134	0.103	0.193	<0.05	0.176	0.095	0.168	0.087	0.15
Dissolved Organic Carbon	6 Months	45.8	mg/L	1.06	<1	<1	0.632		3.6	5.1	0.7	3.6	5.1	5	2.7	3.6	1.7	3.2	5
Nitrogen (total)	6 Months	2.3	mg/L	0.635	0.123	0.164	0.242	0.74	3.56	0.42	0.14	0.11	0.48	0.33	0.9	0.33	0.3	0.12	0.16
Nitrate	6 Months		mg/L	0.145	0.006	0.046	0.028		0.023	0.211	0.005	<0.005	0.023	0.223					
Nitrite	6 Months		mg/L	<0.005	<0.005	<0.005	<0.005		0.007	<0.005	<0.005	0.005	<0.005	<0.005					
pH	6 Months	5.54-9.1	pH	7.48	7.32	7.4	7.45		7.21	7.74	7.13	7.27	7.37	7.74	7.49	7.3	7.3	7.38	7.32
Potassium	6 Months	6.9	mg/L	3.28	3.4	3.2	3.71		4.17	3.5	3.76	3.43	3.23	3.8	3.8	7	2.88	3.7	3.4
Total petroleum hydrocarbons C10-C36 Fraction	6 Months	300	µg/L	<50	220	<100	<100		260	<150	<100	<100	490	<100					
Total petroleum hydrocarbons C15-C28 Fraction	6 Months	106.9	µg/L	<100	150	<100	<100		170	<100	-	-		-	110	<100	<100	<100	<100
Total petroleum hydrocarbons C29-C36 Fraction	6 Months	106.9	µg/L	<100	71	<50	<50		82	<50	-	-	-	-	<50	<50	<50	<50	<50
SWL (BGL)			m	0.545	0.01	0.11	0		1.37	2.1	0.47	0.35	1.6	2.09	1.84	1.91	2.43	2.67	2.45

EPA POINT 11 Monitoring Bore MB4

Parameter	Frequency	Trigger level	unit of measure															
Date sampled/ Time				3/03/2026	26/08/2025	4/03/2025	3/09/2024 13:10	12/03/2024 14:40	6/09/2023 0:00	22/02/2023 15:00	8/09/2022 11:15	21/03/2022 14:50	14/09/2021 0:00	18/03/2021 0:00	1/09/2020 0:00	4/03/2020 11:45	11/09/2019 11:45	21/03/2019 0:00
Time sampled				13:00	14:05	12:10	13:10	14:40	13:00	15:00	14:50	14:50	13:00	14:05	14:50	11:45	11:45	12:20
Sampled by				Jesse Munro	Will Dale	Will Dale	Will Dale	Will Dale	Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Jesse Munro	Mitchell Call	Mitchell Call	Mitchell Call
Date results received/ Date results published				18/03/2026 25/03/2026	19/9/2025 23/9/2025	7/4/2025 9/4/2025	18/10/2024 25/10/2024	8/4/2023 10/4/2023	27/9/2023 28/9/2023	28/3/2023 18/4/2023	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
WL (mAHD)	6 Months		mAHD	27.83	27.67	27.66	27.67	27.59	27.67	27.67	27.67	27.67	26.7					
Ammonia	6 Months	2.09	mg/L	0.033	0.042	0.074	0.109	0.083	0.015	0.102	0.063	0.164	0.067	0.175	0.049	0.098	0.034	0.09
Dissolved Organic Carbon	6 Months	92.9	mg/L	<1	<1	<1	0.854	0.7	5.1	1.6	4.26	2.7	7.2	4.2	1.5	0.5	3	0.8
Nitrogen (total)	6 Months	1	mg/L	0.168	<0.01	0.043	0.047	0.09	0.59	0.496	0.07	0.41	0.08	1.49	0.05	0.1	0.05	0.1
Nitrate	6 Months		mg/L	0.01	<0.005	<0.005	<0.005	<0.005	0.165	0.272	<0.005	0.215	0.02					
Nitrite	6 Months		mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.007	0.008	<0.005					
pH	6 Months	4.97-10.3	pH	6.93	6.84	6.8	6.99	6.72	7.28	6.84	6.81	6.86	6.95	7.54	6.79	6.72	6.81	6.79
Potassium	6 Months	8.6	mg/L	3.31	3.56	3.32	3.84	3.48	3.9	4.04	3.58	3.71	3.9	4.1	3.5	3.05	3.78	3.6
Total petroleum hydrocarbons C10-C36 Fraction	6 Months	300	µg/L	<50	<100	<100	<100	<100	<150	200	<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
Total petroleum hydrocarbons C29-C36 Fraction	6 Months	50	µg/L	<100	<50	<50	<50	<50	<50	-	-	-	-	-	<50	<50	<50	<50
SWL (BGL)	6 Months		m	-0.16	0	0.01	0	0.08	0	0	0	0	0.97	-	1.17	1.45	1.46	1.28

EPA POINT 13 Monitoring Bore MB5-B

Parameter	Frequency	Trigger level	unit of measure										
Date sampled				Decommissioned	22/02/2023	8/09/2022	21/03/2022	14/09/2021	18/03/2021	1/09/2020	4/03/2020	11/09/2019	21/03/2019
Time sampled					13:35	12:25	14:00	11:45	14:45	12:15	14:00	13:00	14:40
Sampled by					Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Adrian Leader	Jesse Munro	Mitchell Call	Mitchell Call	Mitchell Call
Date results received/ Date results published					28/3/2023 18/4/2023	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
Depth (GL=29.41mAHD)	6 Months		m		27.4	27.74	27.71	2.64					
Ammonia	6 Months	2.09	mg/L		0.061	0.007	0.076	<0.05	0.165	0.031	0.11	0.029	0.08
Dissolved Organic Carbon	6 Months	27.14	mg/L		2.9	7.5	9.5	8.6	6.5	4.1	5.8	5.2	3.4
Nitrogen (total)	6 Months	3	mg/L		0.52	0.204	1.34	0.56	0.28	0.37	0.46	0.27	0.18
Nitrate	6 Months		mg/L		0.006	<0.005	<0.005	<0.005					
Nitrite	6 Months		mg/L		<0.005	0.006	0.006	<0.005					
pH	6 Months	4.9-8.4	pH		6.44	4.68	4.34	6.48	5.87	6.54	6.61	6.7	6.61
Potassium	6 Months	8.54	mg/L		3.14	1.20	1.6	4	2.4	3.5	2.79	3.67	3.3
Total petroleum hydrocarbons C10-C36 Fraction	6 Months	300	µg/L		<100	<100	100	<100					
Total petroleum hydrocarbons C15-C28 Fraction	6 Months	50	µg/L		-	-	-	-	170	<100	<100	<100	<100
Total petroleum hydrocarbons C29-C36 Fraction	6 Months	50	µg/L		-	-	-	-	120	<50	85	<50	<50
SWL (BGL)	6 Months		m		2.01	1.67	1.7	2.64	2.29	2.57	2.91	3.02	2.97

SW01 EPA POINT 14 Surface Waters (Trigger: 50mm Rainfall event in 24hrs)

Parameter	Frequency	Trigger level	unit of measure																			
								45.0mm BOM-Casino Airport	There was Cell 6 construction occurring at the time	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
Date sampled				28/02/2026	29/10/2025	5/11/2024	10/10/2024	27/09/2024	12/08/2024	22/12/2023	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
Time sampled				7:30	7:00	11:30	13:30	13:30	13:30	9:30	9:30	9:30	9:50	1:00pm	1:00pm	10:20	10:21	4:30pm	10:42	9:13	8:57	8:47
Sampled by				Dave Morgan	Dave Morgan	M Batman	M Batman	M Batman	M Batman	RVC	RVC	RVC	RVC	RVC	RVC	RVC	J.Moroney-RVC	J.Moroney-RVC	J. Moroney - RVC	J. Moroney - RVC	J. Moroney - RVC	J. Moroney - RVC
Date results received				18/03/2026	11/11/2025	4/12/2024	25/10/2024	16/10/2024	18/10/2024 *	16/01/2024	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
Date results published				25/03/2026	19/11/2025	12/12/2024	28/10/2024	28/10/2024	25/10/2024	25/01/2024	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
Ammonia	Event based	n/a	mg/L	0.486	1.29	0.063	0.102	0.062	0.235	0.16	0.434	0.11	0.213	0.321	0.052	0.406	1.814	<0.005	0.228	0.704	0.562	0.079
Arsenic	Event based	n/a	mg/L	0.004	0.021	0.017	0.039	0.117	0.064	0.032	0.01	0.055	0.034	0.081	0.063	0.150	0.03	0.12	0.034	0.024	0.054	0.121
Calcium	Event based	n/a	mg/L	2.54	27.7	14.4	15.3	7.9	9.9	7.9	30.2	5.45	9.3	15.458	27.079	16.1	33.7	3.84	24.5	41.7	32.5	5.35
Chloride	Event based	n/a	mg/L	14.6	106	33	42.5	40.7	18.5	36	84	<10	30	34.407	102.754	36	80	377	87	100	65	27