Eraring Power Station - EPA Licence 1429
Rocky Point Rd, Dora Creek NSW 2264

Environmental Monitoring Data May 2026



Compliance Summary:

Were all EPL monitoring limits met	Yes

Details of Non- compliances

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Analyte	Reading	Units	Licence Limit	Date	Comments

EPL1429 Environment Protection Licence monitoring locations are shown here
https://www.originenergy.com.au/wp-content/uploads/3/Eraring_Power_Station_EPL_Monitoring_Locations_Map.pdf

Unit 1 Boiler Continuous Emission Monitoring Summary

EPA Identification no.3 - Air emissions monitoring, Boiler 1 stack discharge to air
Unit 1 offline 16-29 May 2026

	NOx			SO_2		
	mg/Nm^3 (7% O_2)			mg/Nm^3 (7% O_2)		
	Daily Ave	Daily Max Hourly Average	Daily Min Hourly Average	Daily Ave	Daily Max Hourly Average	Daily Min Hourly Average
1/05/2026	328	392	298	787	900	650
2/05/2026	329	371	292	735	923	557
3/05/2026	323	374	258	896	988	543
4/05/2026	335	366	303	831	924	789
5/05/2026	391	456	323	790	843	744
6/05/2026	362	447	331	871	1003	773
7/05/2026	394	484	316	696	773	583
8/05/2026	379	452	278	748	842	541
9/05/2026	368	426	291	704	814	556
10/05/2026	458	527	388	785	863	526
11/05/2026	426	479	385	825	902	739
12/05/2026	431	509	355	759	874	591
13/05/2026	401	472	278	770	862	506
14/05/2026	401	447	333	728	856	580
15/05/2026	378	431	329	706	839	565
16/05/2026	-	-	-	-	-	-
17/05/2026	-	-	-	-	-	-
18/05/2026	-	-	-	-	-	-
19/05/2026	-	-	-	-	-	-
20/05/2026	-	-	-	-	-	-
21/05/2026	-	-	-	-	-	-
22/05/2026	-	-	-	-	-	-
23/05/2026	-	-	-	-	-	-
24/05/2026	-	-	-	-	-	-
25/05/2026	-	-	-	-	-	-
26/05/2026	-	-	-	-	-	-
27/05/2026	-	-	-	-	-	-
28/05/2026	-	-	-	-	-	-
29/05/2026	-	-	-	-	-	-
30/05/2026	361	504	158	644	805	343
31/05/2026	423	573	154	711	786	451

Unit 2 Boiler Continuous Emission Monitoring Summary

EPA Identification no. 4 - Air emissions monitoring, Boiler 2 stack discharge to air

	NOx			SO_2		
	mg/Nm³ (7% O_2)			mg/Nm³ (7% O_2)		
	Daily Ave	Daily Max Hourly Average	Daily Min Hourly Average	Daily Ave	Daily Max Hourly Average	Daily Min Hourly Average
1/05/2026	251	295	212	536	732	499
2/05/2026	267	374	214	539	727	478
3/05/2026	224	323	215	516	743	457
4/05/2026	250	316	216	538	697	471
5/05/2026	298	365	233	520	713	451
6/05/2026	277	366	223	524	743	460
7/05/2026	256	350	226	484	683	453
8/05/2026	267	318	245	514	709	452
9/05/2026	337	404	276	513	741	433
10/05/2026	362	425	287	543	718	441
11/05/2026	316	389	263	551	752	491
12/05/2026	331	465	257	515	678	457
13/05/2026	292	384	251	526	717	447
14/05/2026	298	373	277	533	725	488
15/05/2026	275	416	220	527	736	441
16/05/2026	309	504	243	534	691	495
17/05/2026	367	401	281	527	692	487
18/05/2026	353	414	314	521	679	486
19/05/2026	321	408	194	480	648	399
20/05/2026	352	401	315	481	604	416
21/05/2026	444	496	325	366	543	323
22/05/2026	447	473	409	360	542	295
23/05/2026	412	540	342	399	668	335
24/05/2026	435	517	376	447	680	394
25/05/2026	401	492	363	477	707	439
26/05/2026	384	477	304	523	721	464
27/05/2026	369	468	309	482	683	388
28/05/2026	314	415	243	519	756	471
29/05/2026	374	469	292	486	711	435
30/05/2026	376	437	254	436	589	350
31/05/2026	442	503	395	472	678	365

Unit 3 Boiler Continuous Emission Monitoring Summary

EPA Identification no. 5 - Air emissions monitoring, Boiler 3 stack discharge to air

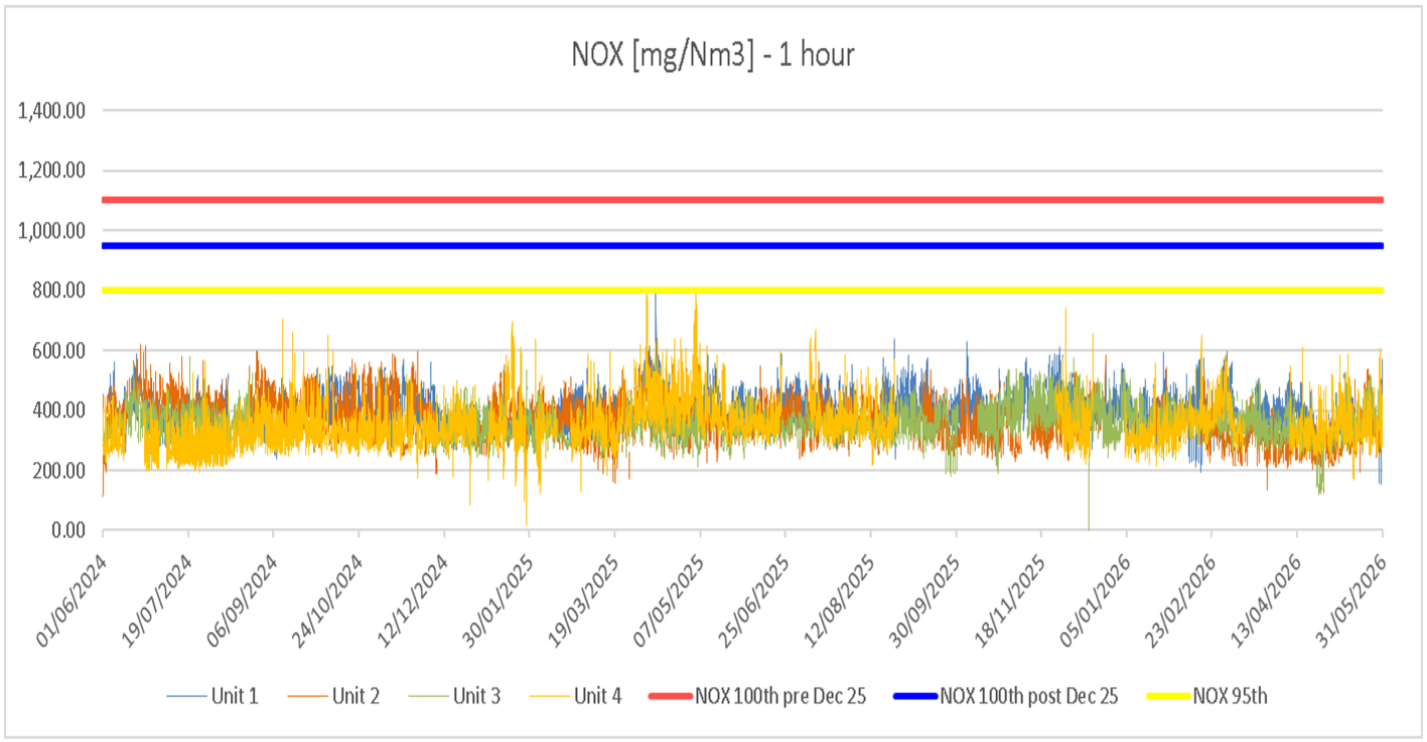
	NOx			SO_2		
	mg/Nm^3 (7% O_2)			mg/Nm^3 (7% O_2)		
	Daily Ave	Daily Max Hourly Average	Daily Min Hourly Average	Daily Ave	Daily Max Hourly Average	Daily Min Hourly Average
1/05/2026	308	327	274	847	914	759
2/05/2026	309	349	282	801	893	689
3/05/2026	317	369	282	788	884	699
4/05/2026	345	379	278	770	909	681
5/05/2026	350	457	267	759	896	666
6/05/2026	345	410	305	854	924	717
7/05/2026	367	424	294	779	832	675
8/05/2026	362	434	273	726	821	675
9/05/2026	372	424	265	795	864	699
10/05/2026	413	525	328	838	884	679
11/05/2026	413	491	306	863	896	744
12/05/2026	360	480	254	846	907	731
13/05/2026	368	479	278	791	854	719
14/05/2026	384	415	354	839	894	730
15/05/2026	333	411	286	844	913	764
16/05/2026	333	389	290	798	833	706
17/05/2026	377	434	272	781	810	641
18/05/2026	364	409	298	729	783	626
19/05/2026	347	392	319	707	753	620
20/05/2026	348	440	249	733	819	623
21/05/2026	386	438	335	729	895	581
22/05/2026	406	473	334	756	913	568
23/05/2026	424	494	343	647	930	562
24/05/2026	457	520	351	672	743	636
25/05/2026	431	514	321	780	857	623
26/05/2026	417	459	308	801	848	710
27/05/2026	385	448	350	791	833	676
28/05/2026	363	417	287	797	864	667
29/05/2026	367	472	260	695	777	586
30/05/2026	390	464	319	691	781	596
31/05/2026	388	430	342	707	768	636

Unit 4 Boiler Continuous Emission Monitoring Summary -

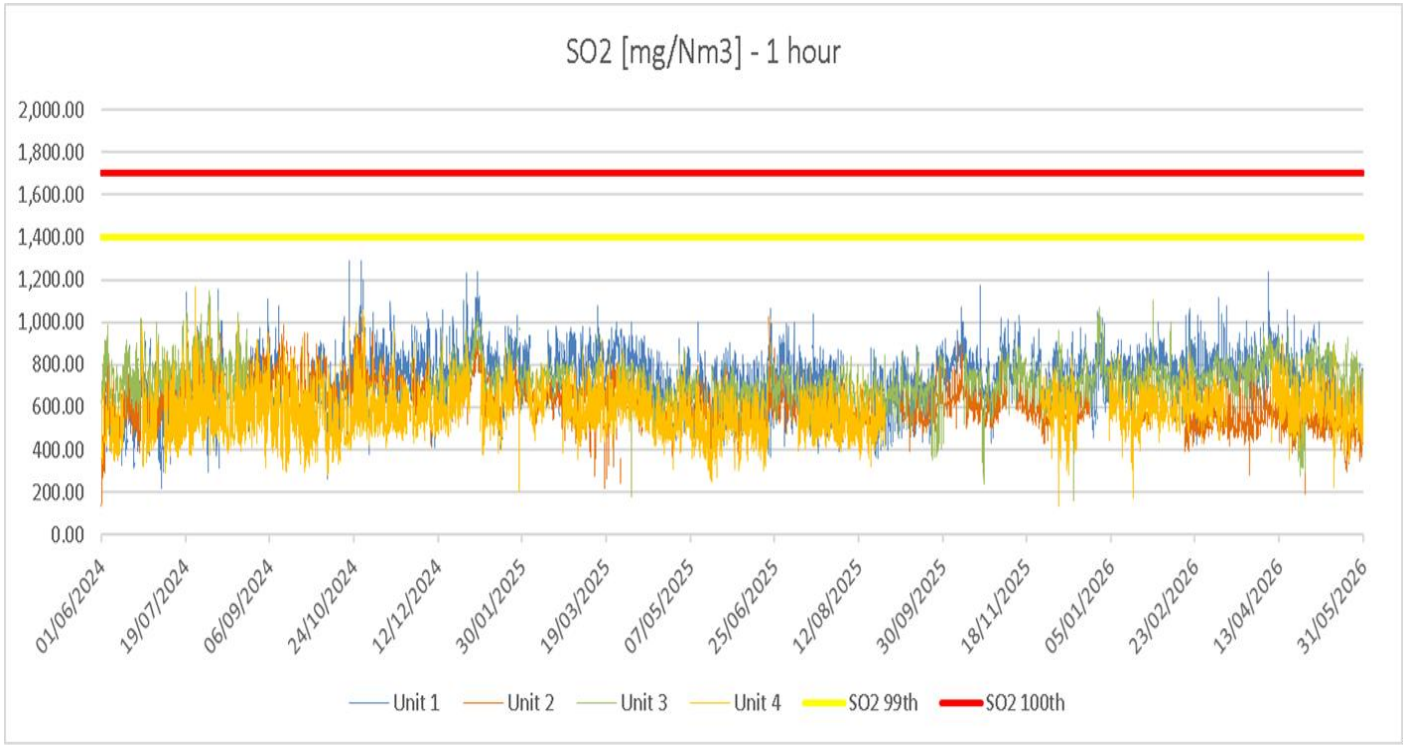
EPA Identification no. 6 - Air emissions monitoring, Boiler 4 stack discharge to air

	NOx			SO_2		
	mg/Nm^3 (7% O_2)			mg/Nm^3 (7% O_2)		
	Daily Ave	Daily Max Hourly Average	Daily Min Hourly Average	Daily Ave	Daily Max Hourly Average	Daily Min Hourly Average
1/05/2026	296	365	222	652	748	520
2/05/2026	311	346	240	668	769	549
3/05/2026	394	520	300	686	799	541
4/05/2026	342	433	290	645	792	593
5/05/2026	340	413	299	621	761	523
6/05/2026	331	416	258	660	806	514
7/05/2026	425	585	330	583	717	488
8/05/2026	390	491	296	636	779	514
9/05/2026	355	459	275	628	765	523
10/05/2026	361	524	286	599	678	509
11/05/2026	335	423	272	609	734	526
12/05/2026	375	589	294	574	708	508
13/05/2026	347	510	278	613	782	508
14/05/2026	355	429	297	582	735	378
15/05/2026	222	337	167	437	882	225
16/05/2026	315	384	261	586	818	429
17/05/2026	299	360	258	552	717	490
18/05/2026	336	471	292	544	687	464
19/05/2026	326	417	296	547	646	449
20/05/2026	326	395	270	529	720	385
21/05/2026	343	473	308	475	612	368
22/05/2026	333	446	292	493	671	394
23/05/2026	356	457	315	503	707	343
24/05/2026	320	498	250	527	657	358
25/05/2026	309	457	253	536	621	438
26/05/2026	318	406	281	561	697	483
27/05/2026	333	477	290	560	655	515
28/05/2026	291	385	248	593	776	503
29/05/2026	329	377	251	527	666	445
30/05/2026	408	608	274	534	730	424
31/05/2026	378	485	278	570	740	436

Continuous Emission Monitoring Summary NOx Data



Continuous Emission Monitoring Summary SO_2 Data



Unit 1 Boiler Emission Test Results

EPA Identification no.3 – Air emissions monitoring, Boiler 1 stack discharge to air

Name	Frequency	Reading	Units	Licence Limit	Date
Chlorine	6 monthly	0.05	mg/m^3	4	10/12/2024
Fluorine	6 monthly	8	mg/m^3	30	10/12/2024
Hydrogen chloride	6 monthly	9.6	mg/m^3	50	10/12/2024
Solid Particles	Quarterly	8.3	mg/m^3	50	10/02/2026
Sulfuric acid mist and sulfur trioxide (as SO_3)	6 monthly	1	mg/m^3	100	10/12/2024
Volatile organic compounds as n-	6 monthly	<0.07	mg/m^3	8	10/12/2024
Cadmium	6 monthly	0.0002	mg/m^3	0.03	10/02/2026
Mercury	6 monthly	0.00012	mg/m^3	0.03	10/02/2026
Type 1 and 2 substances in Aggregate	6 monthly	≤0.02	mg/m^3	0.60	10/02/2026

EPA Identification no. 7 - Air emissions monitoring, Boiler 1 Exhaust Duct A

Name	Frequency	Reading	Units	Licence Limit	Date
Flow Rate	6 monthly	410	m^3/sec	-	10/02/2026
Moisture	6 monthly	5.2	%	-	10/02/2026
Oxygen	6 monthly	8.2	%	-	10/02/2026
Solid Particles	Quarterly	6.8	mg/m^3	-	10/02/2026
Temperature	6 monthly	129	Deg C	-	10/02/2026
Carbon dioxide	6 monthly	12.7	%	-	10/02/2026
Chlorine	6 monthly	0.110	mg/m^3	-	2/12/2025
Fluorine	6 monthly	12.0	mg/m^3	-	2/12/2025
Hydrogen chloride	6 monthly	18	mg/m^3	-	2/12/2025
Sulfuric acid mist and sulfur trioxide (as SO_3)	6 monthly	2.2	mg/m^3	-	2/12/2025
Volatile organic compounds as n-	6 monthly	0.120	mg/m^3	-	2/12/2025
Cadmium	6 monthly	0.000084	mg/m^3	-	10/02/2026
Mercury	6 monthly	0.000053	mg/m^3	-	10/02/2026
Type 1 and Type 2 substances in	6 monthly	<0.013	mg/m^3	-	10/02/2026

EPA Identification no. 8 - Air emissions monitoring, Boiler 1 Exhaust Duct B

Name	Frequency	Reading	Units	Licence Limit	Date
Flow Rate		400	m^3/sec	-	10/02/2026
Moisture		4.3	%	-	10/02/2026
Oxygen		8.3	%	-	10/02/2026
Solid Particles	Quarterly	9.9	mg/m^3	-	10/02/2026
Temperature		124	Deg C	-	10/02/2026
Cadmium	6 monthly	0.00031	mg/m^3	-	10/02/2026
Mercury	6 monthly	0.00019	mg/m^3	-	10/02/2026
Type 1 and Type 2 substances in Aggregate	6 monthly	≤0.023	mg/m^3	-	10/02/2026

Unit 2 Boiler Emission Test Results

EPA Identification no.4 – Air emissions monitoring, Boiler 2 stack discharge to air

Name	Frequency	Reading	Units	Licence Limit	Date
Chlorine	6 monthly	<0.02	mg/m^3	4	9/01/2025
Fluorine	6 monthly	8.5	mg/m^3	30	9/01/2025
Hydrogen chloride	6 monthly	6.2	mg/m^3	50	9/01/2025
Solid Particles	Quarterly	19	mg/m^3	50	24-25/03/2026
Sulfuric acid mist and sulfur trioxide (as SO_3)	6 monthly	2.7	mg/m^3	100	9/01/2025
Volatile organic compounds as n-	6 monthly	<0.1	mg/m^3	8	9/01/2025
Cadmium	6 monthly	0.000087	mg/m^3	0.03	24-25/03/2026
Mercury	6 monthly	0.0012	mg/m^3	0.03	24-25/03/2026
Type 1 and 2 substances in Aggregate	6 monthly	≤0.02	mg/m^3	0.60	24-25/03/2026

EPA Identification no. 9 - Air emissions monitoring, Boiler 2 Exhaust Duct A

Name	Frequency	Reading	Units	Licence Limit	Date
Flow Rate	6 monthly	250	m^3/sec	-	24/03/2026
Moisture	6 monthly	4.3	%	-	24/03/2026
Oxygen	6 monthly	9.3	%	-	24/03/2026
Solid Particles	Quarterly	14	mg/m^3	-	24/03/2026
Temperature	6 monthly	127	Deg C	-	24/03/2026
Carbon dioxide	6 monthly	10.9	%	-	24/03/2026
Chlorine	6 monthly	0.035	mg/m^3	-	3/12/2025
Fluorine	6 monthly	8.8	mg/m^3	-	3/12/2025
Hydrogen chloride	6 monthly	16	mg/m^3	-	3/12/2025
Sulfuric acid mist and sulfur trioxide (as SO_3)	6 monthly	2.5	mg/m^3	-	3/12/2025
Volatile organic compounds as n-	6 monthly	0.13	mg/m^3	-	3/12/2025
Cadmium	6 monthly	0.000076	mg/m^3	-	24/03/2026
Mercury	6 monthly	0.00058	mg/m^3	-	24/03/2026
Type 1 and Type 2 substances in	6 monthly	<0.014	mg/m^3	-	24/03/2026

EPA Identification no. 10 - Air emissions monitoring, Boiler 2 Exhaust Duct B

Name	Frequency	Reading	Units	Licence Limit	Date
Flow Rate		290	m^3/sec	-	25/03/2026
Moisture		5.5	%	-	25/03/2026
Oxygen		9.9	%	-	25/03/2026
Solid Particles	Quarterly	24	mg/m^3	-	25/03/2026
Temperature		109	Deg C	-	25/03/2026
Cadmium	6 monthly	0.000097	mg/m^3	-	25/03/2026
Mercury	6 monthly	0.0018	mg/m^3	-	25/03/2026
Type 1 and Type 2 substances in Aggregate	6 monthly	<0.025	mg/m^3	-	25/03/2026

Unit 3 Boiler Emission Test Results					
EPA Identification No 5 – Air Emissions monitoring, Boiler 3 stack discharge to air					
Name	**Frequency**	**Reading**	**Units**	**Licence Limit**	**Date**
Chlorine	6 monthly	0.046	mg/m^3	4	11/12/2024
Fluorine	6 monthly	9.7	mg/m^3	30	11/12/2024
Hydrogen chloride	6 monthly	15	mg/m^3	50	11/12/2024
Solid Particles	Quarterly	4.1	mg/m^3	50	11/02/2026
Sulfuric acid mist and sulfur trioxide (as SO_3)	6 monthly	1.2	mg/m^3	100	11/12/2024
Volatile organic compounds as n-propane equivalent	6 monthly	<0.08	mg/m^3	8	11/12/2024
Cadmium	6 monthly	≤0.00007	mg/m^3	0.03	11/02/2026
Mercury	6 monthly	≤0.00006	mg/m^3	0.03	11/02/2026
Type 1 and 2 substances in Aggregate	6 monthly	≤0.02	mg/m^3	0.60	11/02/2026

EPA Identification No 11 – Air Emissions monitoring, Boiler 3 Exhaust Duct A					
Name	**Frequency**	**Reading**	**Units**	**Licence Limit**	**Date**
Flow Rate	6 monthly	350	m^3/sec	-	11/02/2026
Moisture	6 monthly	6.4	%	-	11/02/2026
Oxygen	6 Monthly	7.1	%	-	11/02/2026
Solid Particles	Quarterly	3.9	mg/m^3	-	11/02/2026
Temperature	6 monthly	124	Deg C	-	11/02/2026
Carbon dioxide	6 monthly	13.9	%	-	11/02/2026
Chlorine	6 monthly	0.012	mg/m^3	-	4/12/2025
Fluorine	6 monthly	6.7	mg/m^3	-	4/12/2025
Hydrogen chloride	6 monthly	16	mg/m^3	-	4/12/2025
Sulfuric acid mist and sulfur trioxide (as SO_3)	6 monthly	1.7	mg/m^3	-	4/12/2025
Volatile organic compounds as n-propane equivalent	6 monthly	1.7	mg/m^3	-	4/12/2025
Cadmium	6 monthly	<0.00005	mg/m^3	-	11/02/2026
Mercury	6 monthly	<0.00007	mg/m^3	-	11/02/2026
Type 1 and Type 2 substances in Aggregate	6 monthly	<0.022	mg/m^3	-	11/02/2026

EPA Identification No 12 – Air Emissions monitoring, Boiler 3 Exhaust Duct B					
Name	**Frequency**	**Reading**	**Units**	**Licence Limit**	**Date**
Flow Rate		380	m^3/sec	-	11/02/2026
Moisture		4.6	%	-	11/02/2026
Oxygen		6.6	%	-	11/02/2026
Solid Particles	Quarterly	4.2	mg/m^3	-	11/02/2026
Temperature		121	Deg C	-	11/02/2026
Cadmium	6 monthly	0.000081	mg/m^3	-	11/02/2026
Mercury	6 monthly	<0.00005	mg/m^3	-	11/02/2026
Type 1 and Type 2 substances in Aggregate	6 monthly	<0.019	mg/m^3	-	11/02/2026

Unit 4 Boiler Emission Test Results

EPA Identification no.6 – Air emissions monitoring, Boiler 4 stack discharge to air

Name	Frequency	Reading	Units	Licence Limit	Date
Chlorine	6 monthly	<0.01	mg/m^3	4	12-13/12/2024
Fluorine	6 monthly	11	mg/m^3	30	12-13/12/2024
Hydrogen chloride	6 monthly	8.5	mg/m^3	50	12-13/12/2024
Solid Particles	Quarterly	17	mg/m^3	50	12/02/2026
Sulfuric acid mist and sulfur trioxide (as SO_3)	6 monthly	2.1	mg/m^3	100	12-13/12/2024
Volatile organic compounds as n-	6 monthly	0.11	mg/m^3	8	12-13/12/2024
Cadmium	6 monthly	≤0.0001	mg/m^3	0.03	12/02/2026
Mercury	6 monthly	0.00016	mg/m^3	0.03	12/02/2026
Type 1 and 2 substances in Aggregate	6 monthly	≤0.03	mg/m^3	0.60	12/02/2026

EPA Identification no. 13 - Air emissions monitoring, Boiler 4Exhaust Duct A

Name	Frequency	Reading	Units	Licence Limit	Date
Flow Rate	6 monthly	270	m^3/sec	-	12/02/2026
Moisture	6 monthly	4.4	%	-	12/02/2026
Oxygen	6 monthly	8.7	%	-	12/02/2026
Solid Particles	Quarterly	22	mg/m^3	-	12/02/2026
Temperature	6 monthly	124	Deg C	-	12/02/2026
Carbon dioxide	6 monthly	11.3	%	-	12/02/2026
Chlorine	6 monthly	0.077	mg/m^3	-	05/12/2025
Fluorine	6 monthly	7.4	mg/m^3	-	05/12/2025
Hydrogen chloride	6 monthly	10	mg/m^3	-	05/12/2025
Sulfuric acid mist and sulfur trioxide (as SO_3)	6 monthly	0.92	mg/m^3	-	05/12/2025
Volatile organic compounds as n-	6 monthly	0.15	mg/m^3	-	05/12/2025
Cadmium	6 monthly	0.00024	mg/m^3	-	12/02/2026
Mercury	6 monthly	0.00016	mg/m^3	-	12/02/2026
Type 1 and Type 2 substances in	6 monthly	<0.032	mg/m^3	-	12/02/2026

EPA Identification no. 14 - Air emissions monitoring, Boiler 4 Exhaust Duct B

Name	Frequency	Reading	Units	Licence Limit	Date
Flow Rate		290	m^3/sec	-	12/02/2026
Moisture		5.8	%	-	12/02/2026
Oxygen		9.5	%	-	12/02/2026
Solid Particles	Quarterly	12	mg/m^3	-	12/02/2026
Temperature		112	Deg C	-	12/02/2026
Cadmium	6 monthly	<0.00004	mg/m^3	-	12/02/2026
Mercury	6 monthly	0.00016	mg/m^3	-	12/02/2026
Type 1 and Type 2 substances in Aggregate	6 monthly	<0.021	mg/m^3	-	12/02/2026

Water Quality - Lake Monitoring LM10

EPA Identification no. 27 - The waters of Lake Macquarie located midway between cooling water inlet and Hungary Point

Field Water Quality Recordings

Air Temp	Depth	Water Temp	pH	Salinity	Dissolved Oxygen		Redox	Secchi
^{0}C	m	^{0}C	pH unit	ppt	%	mg/L	mV	m
20.84	0.5	22.48	8.22	35.16	81.4	5.77	154	2.25

Laboratory Analysis

Name	Reading	Units	Licence Limit	Date
Aluminium	0.075	mg/L	-	1/05/26
Ammonia	<0.010	mg/L	-	1/05/26
Arsenic	0.0018	mg/L	-	1/05/26
Arsenic III	<0.008	mg/L	-	1/05/26
Arsenic V	<0.008	mg/L	-	1/05/26
Chromium	<0.0005	mg/L	-	1/05/26
Chromium (Trivalent)	<0.001	mg/L	-	1/05/26
Chromium (VI) Compounds	<0.001	mg/L	-	1/05/26
Cobalt	<0.0002	mg/L	-	1/05/26
Copper	<0.001	mg/L	-	1/05/26
Electrical Conductivity	44,900	uS/cm	-	1/05/26
Iron	0.102	mg/L	-	1/05/26
Lead	<0.0002	mg/L	-	1/05/26
Manganese	0.0048	mg/L	-	1/05/26
Molybdenum	0.0124	mg/L	-	1/05/26
Nickel	<0.0005	mg/L	-	1/05/26
Nitrate+Nitrite	0.002	mg/L	-	1/05/26
Total nitrogen	0.25	mg/L	-	1/05/26
pH	7.98	pH units	-	1/05/26
Total Phosphorus	0.014	mg/L	-	1/05/26
Reactive Phosphorus	0.005	mg/L	-	1/05/26
Selenium	<0.002	mg/L	-	1/05/26
Zinc	<0.005	mg/L	-	1/05/26

Water Quality - Lake Monitoring LM7

EPA Identification no. 28 - The waters of Lake Macquarie located off old Wangi power station inlet point in Myuna Bay

	Field Water Quality Recordings							
Air Temp	**Depth**	**Water Temp**	**pH**	**Salinity**	**Dissolved Oxygen**		**Redox**	**Secchi**
^{0}C	m	^{0}C	pH unit	ppt	%	mg/L	mV	m
19.4	0.5	24.72	8.16	35.19	96.3	6.58	132	4.25

Laboratory Analysis

Name	Reading	Units	Licence	Date
Aluminium	0.036	mg/L	-	1/05/26
Ammonia	<0.010	mg/L	-	1/05/26
Arsenic	0.0019	mg/L	-	1/05/26
Arsenic III	<0.008	mg/L	-	1/05/26
Arsenic V	<0.008	mg/L	-	1/05/26
Chromium	<0.0005	mg/L	-	1/05/26
Chromium (Trivalent)	<0.001	mg/L	-	1/05/26
Chromium (VI) Compounds	<0.001	mg/L	-	1/05/26
Cobalt	<0.0002	mg/L	-	1/05/26
Copper	<0.001	mg/L	-	1/05/26
Electrical Conductivity	45,700	uS/cm	-	1/05/26
Iron	0.041	mg/L	-	1/05/26
Lead	<0.0002	mg/L	-	1/05/26
Manganese	0.0041	mg/L	-	1/05/26
Molybdenum	0.0125	mg/L	-	1/05/26
Nickel	<0.0005	mg/L	-	1/05/26
Nitrate+Nitrite	0.005	mg/L	-	1/05/26
Total nitrogen	0.24	mg/L	-	1/05/26
pH	7.97	pH units	-	1/05/26
Total Phosphorus	0.013	mg/L	-	1/05/26
Reactive Phosphorus	0.006	mg/L	-	1/05/26
Selenium	<0.002	mg/L	-	1/05/26
Zinc	<0.005	mg/L	-	1/05/26

Water Quality - Lake Monitoring LM12

EPA Identification no. 29 - The waters of Lake Macquarie located at the Eraring/Vales Point mixing zone off Fishery Point

Field Water Quality Recordings

Air Temp	Depth	Water Temp	pH	Salinity	Dissolved Oxygen		Redox	Secchi
^{0}C	m	^{0}C	pH unit	ppt	%	mg/L	mV	m
20.86	0.5	22.70	8.22	35.07	93.2	6.57	159	4.25

Laboratory Analysis

Name	Reading	Units	Licence	Date
Aluminium	0.039	mg/L	-	1/05/26
Ammonia	<0.010	mg/L	-	1/05/26
Arsenic	0.0040	mg/L	-	1/05/26
Arsenic III	<0.008	mg/L	-	1/05/26
Arsenic V	<0.008	mg/L	-	1/05/26
Cadmium	0.0006	mg/L	-	1/05/26
Chromium	<0.001	mg/L	-	1/05/26
Chromium (Trivalent)	<0.001	mg/L	-	1/05/26
Chromium (VI) Compounds	<0.0002	mg/L	-	1/05/26
Copper	0.002	mg/L	-	1/05/26
Electrical Conductivity	51,700	uS/cm	-	1/05/26
Iron	0.024	mg/L	-	1/05/26
Lead	<0.0002	mg/L	-	1/05/26
Manganese	0.0052	mg/L	-	1/05/26
Molybdenum	0.0125	mg/L	-	1/05/26
Nickel	<0.0005	mg/L	-	1/05/26
Nitrate+Nitrite	0.002	mg/L	-	1/05/26
Total nitrogen	0.26	mg/L	-	1/05/26
pH	8.07	pH units	-	1/05/26
Total Phosphorus	0.017	mg/L	-	1/05/26
Reactive Phosphorus	0.005	mg/L	-	1/05/26
Selenium	0.003	mg/L	-	1/05/26
Zinc	<0.005	mg/L	-	1/05/26

Water Quality - Lake Monitoring LM4

EPA Identification no. 30 - The northern waters of Lake Macquarie east off Lake Macquarie Yacht Club

Field Water Quality Recordings								
Air Temp	Depth	Water Temp	pH	Salinity	Dissolved Oxygen		Redox	Secchi
0C	m	0C	pH unit	ppt	%	mg/L	mV	m
22.46	0.5	21.04	8.16	35.33	106.2	7.68	108	4.75

Laboratory Analysis

Name	Reading	Units	Licence	Date
Aluminium	0.021	mg/L	-	1/05/26
Ammonia	<0.010	mg/L	-	1/05/26
Arsenic	0.0015	mg/L	-	1/05/26
Arsenic III	<0.008	mg/L	-	1/05/26
Arsenic V	<0.008	mg/L	-	1/05/26
Chromium	<0.0005	mg/L	-	1/05/26
Chromium (Trivalent)	<0.001	mg/L	-	1/05/26
Chromium (VI) Compounds	<0.001	mg/L	-	1/05/26
Cobalt	<0.0002	mg/L	-	1/05/26
Copper	<0.001	mg/L	-	1/05/26
Electrical Conductivity	47,100	uS/cm	-	1/05/26
Iron	0.018	mg/L	-	1/05/26
Lead	<0.0002	mg/L	-	1/05/26
Manganese	0.0026	mg/L	-	1/05/26
Molybdenum	0.0116	mg/L	-	1/05/26
Nickel	<0.0005	mg/L	-	1/05/26
Nitrate+Nitrite	<0.002	mg/L	-	1/05/26
Total nitrogen	0.20	mg/L	-	1/05/26
pH	7.97	pH units	-	1/05/26
Total Phosphorus	0.014	mg/L	-	1/05/26
Reactive Phosphorus	0.003	mg/L	-	1/05/26
Selenium	<0.002	mg/L	-	1/05/26
Zinc	<0.005	mg/L	-	1/05/26

Water Quality - Lake Monitoring LM8

EPA Identification no. 44 – Myuna Bay south of the Ash Dam

Field Water Quality Recordings

Air Temp	Depth	Water Temp	pH	Salinity	Dissolved Oxygen		Redox	Secchi
0C	m	0C	pH unit	ppt	%	mg/L	mV	m
20.25	0.5	24.12	8.17	35.03	81.1	5.5	138	3.25

Laboratory Analysis

Name	Reading	Units	Licence	Date
Aluminium	0.031	mg/L	-	1/05/26
Ammonia	<0.010	mg/L	-	1/05/26
Arsenic	0.0020	mg/L	-	1/05/26
Arsenic III	<0.008	mg/L	-	1/05/26
Arsenic V	<0.008	mg/L	-	1/05/26
Chromium	<0.0005	mg/L	-	1/05/26
Chromium (Trivalent)	<0.001	mg/L	-	1/05/26
Chromium (VI) Compounds	<0.001	mg/L	-	1/05/26
Cobalt	<0.0002	mg/L	-	1/05/26
Copper	<0.001	mg/L	-	1/05/26
Electrical Conductivity	44,800	uS/cm	-	1/05/26
Iron	0.041	mg/L	-	1/05/26
Lead	<0.0002	mg/L	-	1/05/26
Manganese	0.0042	mg/L	-	1/05/26
Molybdenum	0.0125	mg/L	-	1/05/26
Nickel	<0.0005	mg/L	-	1/05/26
Nitrate+Nitrite	0.006	mg/L	-	1/05/26
Total nitrogen	0.23	mg/L	-	1/05/26
pH	7.97	pH units	-	1/05/26
Total Phosphorus	0.012	mg/L	-	1/05/26
Reactive Phosphorus	0.005	mg/L	-	1/05/26
Selenium	<0.002	mg/L	-	1/05/26
Zinc	<0.005	mg/L	-	1/05/26

Water Quality - Lake Monitoring LM8A

Field Water Quality Recordings								
Air Temp	Depth	Water Temp	pH	Salinity	Dissolved Oxygen		Redox	Secchi
0C	m	0C	pH unit	ppt	%	mg/L	mV	m
20.92	0.5	27.54	8.12	35.04	106.6	6.94	147	1.0

Laboratory Analysis

Name	Reading	Units	Licence	Date
Aluminium	0.043	mg/L	-	1/05/26
Ammonia	<0.010	mg/L	-	1/05/26
Arsenic	0.0019	mg/L	-	1/05/26
Arsenic III	<0.008	mg/L	-	1/05/26
Arsenic V	<0.008	mg/L	-	1/05/26
Chromium	<0.0005	mg/L	-	1/05/26
Chromium (Trivalent)	<0.001	mg/L	-	1/05/26
Chromium (VI) Compounds	<0.001	mg/L	-	1/05/26
Cobalt	<0.0002	mg/L	-	1/05/26
Copper	<0.001	mg/L	-	1/05/26
Electrical Conductivity	44,600	uS/cm	-	1/05/26
Iron	0.06	mg/L	-	1/05/26
Lead	<0.0002	mg/L	-	1/05/26
Manganese	0.0053	mg/L	-	1/05/26
Molybdenum	0.0127	mg/L	-	1/05/26
Nickel	<0.0005	mg/L	-	1/05/26
Nitrate+Nitrite	0.011	mg/L	-	1/05/26
Total nitrogen	0.24	mg/L	-	1/05/26
pH	7.94	pH units	-	1/05/26
Total Phosphorus	0.014	mg/L	-	1/05/26
Reactive Phosphorus	0.007	mg/L	-	1/05/26
Selenium	<0.002	mg/L	-	1/05/26
Zinc	<0.005	mg/L	-	1/05/26

Eraring Ash Dam Water Quality Monitoring

EPA Identification no. 22 – Discharge point below siphon pond weir at Ash Dam

Name	Reading	Units	Licence Limit	Date
Aluminium	0.092	mg/L	-	1/05/26
Ammonia	1.37	mg/L	-	1/05/26
Arsenic	0.0157	mg/L	-	1/05/26
Arsenic III	0.0032	mg/L	-	1/05/26
Arsenic V	0.0131	mg/L	-	1/05/26
Chromium	0.0020	mg/L	-	1/05/26
Chromium (Trivalent)	<0.001	mg/L	-	1/05/26
Chromium (VI) Compounds	<0.01	mg/L	-	1/05/26
Cobalt	0.0007	mg/L	-	1/05/26
Copper	0.0068	mg/L	-	1/05/26
Electrical Conductivity	12,600	uS/cm	-	1/05/26
Iron	0.067	mg/L	-	1/05/26
Lead	<0.0001	mg/L	-	1/05/26
Manganese	0.262	mg/L	-	1/05/26
Molybdenum	0.353	mg/L	-	1/05/26
Nickel	0.0057	mg/L	-	1/05/26
Nitrate+Nitrite	7.72	mg/L	-	1/05/26
Total nitrogen	9.6	mg/L	-	1/05/26
pH	6.94	pH units	-	1/05/26
Total Phosphorus	1.67	mg/L	-	1/05/26
Reactive Phosphorus	1.57	mg/L	-	1/05/26
Selenium	0.0396	mg/L	-	1/05/26
Zinc	0.018	mg/L	-	1/05/26

Eraring Cooling Water Inlet Canal

EPA Identification no. 31 - Inlet canal of the cooling water intake from Lake Macquarie

Name	Reading	Units	Licence Limit	Date
Aluminium	0.039	mg/L	-	1/05/26
Ammonia	<0.010	mg/L	-	1/05/26
Arsenic	0.0018	mg/L	-	1/05/26
Arsenic III	<0.0800	mg/L	-	1/05/26
Arsenic V	<0.0800	mg/L	-	1/05/26
Chromium	<0.0005	mg/L	-	1/05/26
Chromium (Trivalent)	<0.001	mg/L	-	1/05/26
Chromium (VI) Compounds	<0.01	mg/L	-	1/05/26
Cobalt	<0.0002	mg/L	-	1/05/26
Copper	0.0011	mg/L	-	1/05/26
Electrical Conductivity	45,500	uS/cm	-	1/05/26
Iron	0.065	mg/L	-	1/05/26
Lead	<0.0002	mg/L	-	1/05/26
Manganese	0.0045	mg/L	-	1/05/26
Molybdenum	0.0103	mg/L	-	1/05/26
Nickel	<0.0005	mg/L	-	1/05/26
Nitrate+Nitrite	0.005	mg/L	-	1/05/26
Total nitrogen	0.25	mg/L	-	1/05/26
pH	7.92	pH units	-	1/05/26
Total Phosphorus	0.015	mg/L	-	1/05/26
Reactive Phosphorus	0.007	mg/L	-	1/05/26
Selenium	0.002	mg/L	-	1/05/26
Zinc	<0.005	mg/L	-	1/05/26
Dissolved Oxygen	7.86	mg/L	-	1/05/26
Field Temperature	22.0	degC	-	1/05/26
Salinity	37.42	ppt	-	1/05/26
Secchi Disk	3.0	m	-	1/05/26
Temperature – Average	20.39	deg C	-	May 26
Temperature – Minimum	15.89	deg C	-	May 26
Temperature - Maximum	23.11	deg C	-	May 26

Eraring Cooling Water Outlet Canal

EPA Identification no. 36 - Cooling water outlet canal to Myuna Bay

Name	Reading	Units	Licence Limit	Date
Copper	0.0014	mg/L	0.005	1/05/26
Iron	0.084	mg/L	0.3	1/05/26
Selenium	<0.001	mg/L	0.002	1/05/26

Eraring Cooling Water Outlet Canal

EPA Identification no. 21 - Cooling water outlet canal to Myuna Bay

Name	Reading	Units	96.5% Limit	99.8% Limit	100% Limit	Date
Temperature – Average	27.81	deg C	35.5	37.5	38.5	May 26
Temperature – Minimum	22.72	deg C				May 26
Temperature - Maximum	32.54	deg C				May 26

Eraring Cooling Water Outlet Canal

EPA Identification no. 25 – Discharge from Ash Dam

Name	Reading	Units	Licence Limit	Date
Minimum Daily Discharge from Ash Dam	0.36	ML		May 26
Average Daily Discharge from Ash Dam	8.72	ML		May 26
Maximum Daily Discharge from Ash Dam	40.69	ML	150	May 26
Monthly Discharge from Ash Dam	261.62	ML	-	May 26

Emergency Discharge – Toe Drain Pond

EPA Identification no. 24 - Emergency discharge to toe drain collection pond.

Toe Drain Pond did not discharge in the month.

Name	Reading	Units	Licence Limit	Date
Aluminium		mg/L	-	1/05/26
Antimony		mg/L		1/05/26
Ammonia		mg/L	-	1/05/26
Arsenic III		mg/L	-	1/05/26
Arsenic Total		mg/L		1/05/26
Arsenic V		mg/L	-	1/05/26
Barium		mg/L		1/05/26
Beryllium		mg/L		1/05/26
Boron		mg/L		1/05/26
Cadmium		mg/L	-	1/05/26
Calcium		mg/L		1/05/26
Chloride		mg/L		1/05/26
Chromium (Trivalent)		mg/L	-	1/05/26
Chromium Total		mg/L		1/05/26
Chromium (VI) Compounds		mg/L	-	1/05/26
Cobalt		mg/L		1/05/26
Copper		mg/L	-	1/05/26
Dissolved Organic Carbon		mg/L		1/05/26
Electrical Conductivity		mS/cm		1/05/26
Fluoride		mg/L		1/05/26
Hardness		mg/L		1/05/26
Iron		mg/L	-	1/05/26
Lead		mg/L	-	1/05/26
Magnesium		mg/L		1/05/26
Manganese		mg/L	-	1/05/26
Mercury		mg/L		1/05/26
Molybdenum		mg/L		1/05/26
Nickel		mg/L	-	1/05/26
Nitrite and Nitrate as N		mg/L	-	1/05/26
Nitrogen Total		mg/L	-	1/05/26
pH		pH units	6-9.5	1/05/26
Phosphorus as P		mg/L	-	1/05/26
Potassium		mg/L		1/05/26
Reactive Phosphorus as P		mg/L	-	1/05/26
Selenium		mg/L	-	1/05/26
Silver		mg/L		1/05/26
Sodium		mg/L		1/05/26
Sulphate		mg/L		1/05/26
Total Suspended Solids		mg/L	50	1/05/26
Turbidity		NTU		1/05/26
Vanadium		mg/L	-	1/05/26
Zinc		mg/L	-	1/05/26

MR217

EPA Identification no. 23 - Emergency discharge from ash dam outlet at culvert MR217 did not discharge in the month.

Name	Reading	Units	Licence Limit	Date
Aluminium		mg/L	-	1/05/26
Antimony		mg/L	-	1/05/26
Ammonia		mg/L	-	1/05/26
Arsenic III		mg/L	-	1/05/26
Arsenic Total		mg/L	-	1/05/26
Arsenic V		mg/L	-	1/05/26
Barium		mg/L	-	1/05/26
Beryllium		mg/L	-	1/05/26
Boron		mg/L	-	1/05/26
Cadmium		mg/L	-	1/05/26
Calcium		mg/L	-	1/05/26
Chloride		mg/L	-	1/05/26
Chromium (Trivalent)		mg/L	-	1/05/26
Chromium Total		mg/L	-	1/05/26
Chromium (VI) Compounds		mg/L	6-9.5	1/05/26
Cobalt		mg/L	-	1/05/26
Copper		mg/L	-	1/05/26
Dissolved Organic Carbon		mg/L	-	1/05/26
Electrical Conductivity		mS/cm	-	1/05/26
Fluoride		mg/L	50	1/05/26
Hardness		mg/L	-	1/05/26
Iron		mg/L	-	1/05/26
Lead		mg/L		1/05/26
Magnesium		mg/L		1/05/26
Manganese		mg/L		1/05/26
Mercury		mg/L		1/05/26
Molybdenum		mg/L		1/05/26
Nickel		mg/L		1/05/26
Nitrite and Nitrate as N		mg/L		1/05/26
Nitrogen Total		mg/L		1/05/26
pH		pH units		1/05/26
Phosphorus as P		mg/L		1/05/26
Potassium		mg/L		1/05/26
Reactive Phosphorus as P		mg/L		1/05/26
Selenium		mg/L		1/05/26
Silver		mg/L		1/05/26
Sodium		mg/L		1/05/26
Sulphate		mg/L		1/05/26
Total Suspended Solids		mg/L		1/05/26
Turbidity		NTU		1/05/26
Vanadium		mg/L		1/05/26
Zinc		mg/L		1/05/26

Groundwater Monitoring
Groundwater Well – MW01

EPA Identification no. 32 – Groundwater Monitoring Well 01

Name	Reading	Units	Licence Limit	Date
Aluminium	1.24	mg/L	-	26/03/26
Ammonia	0.22	mg/L	-	26/03/26
Arsenic (III)	<0.0005	mg/L	-	26/03/26
Arsenic (V)	0.0007	mg/L	-	26/03/26
Cadmium	<0.00005	mg/L	-	26/03/26
Calcium	3	mg/L	-	26/03/26
Chromium (trivalent)	<0.01	mg/L	-	26/03/26
Chromium (VI) compounds	<0.01	mg/L	-	26/03/26
Copper	0.0026	mg/L	-	26/03/26
Electrical Conductivity	506	uS/cm	-	26/03/26
Iron	3.11	mg/L	-	26/03/26
Lead	0.0132	mg/L	-	26/03/26
Magnesium	5	mg/L	-	26/03/26
Manganese	0.162	mg/L	-	26/03/26
Nickel	0.0057	mg/L	-	26/03/26
pH	5.91	pH units	-	26/03/26
Potassium	4	mg/L	-	26/03/26
Selenium	<0.0002	mg/L	-	26/03/26
Sodium	88	mg/L	-	26/03/26
Standing Water Level	5.99	m	-	26/03/26
Vanadium	0.0024	mg/L	-	26/03/26
Zinc	0.046	mg/L	-	26/03/26

Groundwater Monitoring
Groundwater Well – MW02

EPA Identification no. 33 – Groundwater Monitoring Well 02

Name	Reading	Units	Licence Limit	Date
Aluminium	1.23	mg/L	-	26/03/26
Ammonia	6.64	mg/L	-	26/03/26
Arsenic (III)	0.0005	mg/L	-	26/03/26
Arsenic (V)	0.0008	mg/L	-	26/03/26
Cadmium	0.00008	mg/L	-	26/03/26
Calcium	268	mg/L	-	26/03/26
Chromium (trivalent)	<0.01	mg/L	-	26/03/26
Chromium (VI) compounds	<0.01	mg/L	-	26/03/26
Copper	0.0011	mg/L	-	26/03/26
Electrical Conductivity	26,500	uS/cm	-	26/03/26
Iron	21.8	mg/L	-	26/03/26
Lead	0.0027	mg/L	-	26/03/26
Magnesium	430	mg/L	-	26/03/26
Manganese	0.587	mg/L	-	26/03/26
Nickel	0.0010	mg/L	-	26/03/26
pH	6.54	pH units	-	26/03/26
Potassium	186	mg/L	-	26/03/26
Selenium	0.0007	mg/L	-	26/03/26
Sodium	5,020	mg/L	-	26/03/26
Standing Water Level	5.33	m	-	26/03/26
Vanadium	0.0063	mg/L	-	26/03/26
Zinc	0.016	mg/L	-	26/03/26

Groundwater Monitoring
Groundwater Well – MW06

EPA Identification no. 34 – Groundwater Monitoring Well 06

Name	Reading	Units	Licence Limit	Date
Aluminium	0.028	mg/L	-	26/03/26
Ammonia	3.58	mg/L	-	26/03/26
Arsenic (III)	0.0044	mg/L	-	26/03/26
Arsenic (V)	0.0011	mg/L	-	26/03/26
Cadmium	<0.00005	mg/L	-	26/03/26
Calcium	399	mg/L	-	26/03/26
Chromium (trivalent)	<0.01	mg/L	-	26/03/26
Chromium (VI) compounds	<0.01	mg/L	-	26/03/26
Copper	<0.0005	mg/L	-	26/03/26
Electrical Conductivity	17,700	uS/cm	-	26/03/26
Iron	9.18	mg/L	-	26/03/26
Lead	0.0012	mg/L	-	26/03/26
Magnesium	217	mg/L	-	26/03/26
Manganese	0.355	mg/L	-	26/03/26
Nickel	0.0009	mg/L	-	26/03/26
pH	6.70	pH units	-	26/03/26
Potassium	120	mg/L	-	26/03/26
Selenium	0.0003	mg/L	-	26/03/26
Sodium	3,200	mg/L	-	26/03/26
Standing Water Level	2.175	m	-	26/03/26
Vanadium	0.0011	mg/L	-	26/03/26
Zinc	0.012	mg/L	-	26/03/26

Groundwater Monitoring
Groundwater Well – EGM/D26

EPA Identification no. 35 – Groundwater Monitoring Well D26
Groundwater well dry at time of sampling

Name	Reading	Units	Licence Limit	Date
Aluminium		mg/L	-	26/03/26
Ammonia		mg/L	-	26/03/26
Arsenic (III)		mg/L	-	26/03/26
Arsenic (V)		mg/L	-	26/03/26
Cadmium		mg/L	-	26/03/26
Calcium		mg/L	-	26/03/26
Chromium (trivalent)		mg/L	-	26/03/26
Chromium (VI) compounds		mg/L	-	26/03/26
Copper		mg/L	-	26/03/26
Electrical Conductivity		uS/cm	-	26/03/26
Iron		mg/L	-	26/03/26
Lead		mg/L	-	26/03/26
Magnesium		mg/L	-	26/03/26
Manganese		mg/L	-	26/03/26
Nickel		mg/L	-	26/03/26
pH		pH units	-	26/03/26
Potassium		mg/L	-	26/03/26
Selenium		mg/L	-	26/03/26
Sodium		mg/L	-	26/03/26
Standing Water Level		m	-	26/03/26
Vanadium		mg/L	-	26/03/26
Zinc		mg/L	-	26/03/26

Water Quality – Surface Water EBESS

EPA Identification no. 37 – Final discharge point from the water treatment plant
Sample Frequency – Daily during any discharge (2 discharge events).

Name	Units	Min reading	Average reading	Maximum Reading	Project Criteria	Number of samples
Cadmium	mg/L	<0.0001	<0.0001	<0.0001	-	2
Chromium (hexavalant)	mg/L	<0.1	<0.1	<0.1	-	2
Chromium (trivalent)	mg/L	<0.1	<0.1	<0.1	-	2
Copper	µg/L	0.9	1.55	2.2	-	2
Lead	mg/L	<0.001	<0.001	<0.001		2
Manganese	mg/L	0.009	0.015	0.021	-	2
Nickel	mg/L	0.001	0.0015	0.002	-	2
PFOS	µg/L	0.0026	0.004	0.0054	0.13 ug/L	2
PFOA	µg/L	0.0013	0.002	0.0027	220 ug/L	2
pH	pH Units	7.93	8.005	8.08	6.5-9	2
Selenium	µg/L	0.7	0.75	0.8	-	2
Total Suspended solids	mg/L	5	10	15	50mg/L	2
Vanadium	mg/L	<0.1	<0.1	<0.1	-	2
Zinc	µg/L	4	12.5	21	-	2

Daily Volume Discharged (ML)		
Min	Ave	Max
2.2	3.15	4.1

N/C Non calculable

EPA Identification no. 38 – Monitoring overflow point from the attenuation pond
Sample Frequency – Daily during any discharge (not discharging, no samples collected).

Name	Units	Frequency	Reading	Project Criteria	Date
Cadmium	mg/L	Daily during any discharge	-	-	
Chromium (hexavalant)	mg/L	Daily during any discharge	-	-	
Chromium (trivalent)	mg/L	Daily during any discharge	-	-	
Copper	µg/L	Daily during any discharge	-	-	
Lead	mg/L	Daily during any discharge	-		
Manganese	mg/L	Daily during any discharge	-	-	
Nickel	mg/L	Daily during any discharge	-	-	
PFOS	µg/L	Daily during any discharge	-	0.13 ug/L	
PFOA	µg/L	Daily during any discharge	-	220 ug/L	
pH	pH Units	Daily during any discharge	-	6.5-9	
Selenium	µg/L	Daily during any discharge	-	-	
Total Suspended solids	mg/L	Daily during any discharge	-	50mg/L	
Vanadium	mg/L	Daily during any discharge	-	-	
Zinc	µg/L	Daily during any discharge	-	-	

EPA Identification no. 39 – Monitoring overflow point from SW01A
Sample Frequency – Daily during any discharge (not discharging, no samples collected).

Name	Units	Reading	Project Criteria	Date
Cadmium	mg/L	-	-	
Chromium (hexavalant)	mg/L	-	-	
Chromium (trivalent)	mg/L	-	-	
Copper	µg/L	-	-	
Lead	mg/L			
Manganese	mg/L	-	-	
Nickel	mg/L	-	-	
PFOS	µg/L	-	0.13 ug/L	
PFOA	µg/L	-	220 ug/L	
pH	pH Units	-	6.5-9	
Selenium	µg/L	-	-	
Total Suspended solids	mg/L	-	50mg/L	
Vanadium	mg/L	-	-	
Zinc	µg/L	-	-	

EPA Identification no. 40 – Monitoring overflow point from VAR03
Sample Frequency – Daily during any discharge (not discharging, no samples collected).

Name	Units	Reading	Project Criteria	Date
Cadmium	mg/L	-	-	
Chromium (hexavalant)	mg/L	-	-	
Chromium (trivalent)	mg/L	-	-	
Copper	µg/L	-	-	
Lead	mg/L			
Manganese	mg/L	-	-	
Nickel	mg/L	-	-	
PFOS	µg/L	-	0.13 ug/L	
PFOA	µg/L	-	220 ug/L	
pH	pH Units	-	6.5-9	
Selenium	µg/L	-	-	
Total Suspended solids	mg/L	-	50mg/L	
Vanadium	mg/L	-	-	
Zinc	µg/L	-	-	

EPA Identification no. 41 – Monitoring from the attenuation Pond Discharge Pipe
Sample Frequency – Daily during any discharge (1 discharge event).

Name	Units	Reading	Project Criteria	Date
Cadmium	mg/L	<0.0001	-	29/05/2026
Chromium (hexavalant)	mg/L	<0.01	-	29/05/2026
Chromium (trivalent)	mg/L	0.01	-	29/05/2026
Copper	µg/L	13.9	-	29/05/2026
Lead	mg/L	0.005		29/05/2026
Manganese	mg/L	0.169	-	29/05/2026
Nickel	mg/L	0.014	-	29/05/2026
PFOS	µg/L	0.001	0.13 ug/L	29/05/2026
PFOA	µg/L	<0.0005	220 ug/L	29/05/2026
pH	pH Units	9.3	6.5-9	29/05/2026
Selenium	µg/L	0.6	-	29/05/2026
Total Suspended solids	mg/L	272	50mg/L	29/05/2026
Vanadium	mg/L	0.04	-	29/05/2026
Zinc	µg/L	52	-	29/05/2026

As of the 1st of May this location has been identified as EPA 53 however the EPL variation has not been finalised.

Daily Volume Discharged ML		
Min	Ave	Max
0.750	0.750	0.750

EPA Identification no. 42 – Monitoring from the Transgrid Outlet Pipe
Sample Frequency – Daily during any discharge (not discharging, no samples collected).

Name	Units	Reading	Project Criteria	Date
Cadmium	mg/L	-	-	
Chromium (hexavalant)	mg/L	-	-	
Chromium (trivalent)	mg/L	-	-	
Copper	µg/L	-	-	
Lead	mg/L			
Manganese	mg/L	-	-	
Nickel	mg/L	-	-	
PFOS	µg/L	-	0.13 ug/L	
PFOA	µg/L	-	220 ug/L	
pH	pH Units	-	6.5-9	
Selenium	µg/L	-	-	
Total Suspended solids	mg/L	-	50mg/L	
Vanadium	mg/L	-	-	
Zinc	µg/L	-	-	