



Eraring Power Station - EPA Licence 1429

Rocky Point Rd, Dora Creek NSW 2264

Environmental Monitoring Data November 2019



Unit 1 Boiler Continuous Emission Monitoring Summary

EPA Identification no. 11 - Air emissions monitoring, Boiler 1 stack discharge to air

Unit 1 Out of Service 1 – 4 November 2019

Nox and Sox sensors out of order 10 and 12 November 2019 Nox sensor out of order 13 November 2019

	NOX			Particulates			SOX		
	ppm (7% O ₂)			mg/m ³			ppm (7% O ₂)		
	Daily Ave	Max Hourly	Min Hourly	Daily Ave	Max Hourly	Min Hourly	Daily Ave	Max Hourly	Min Hourly
1 November	-	-	-	-	-	-	-	-	-
2 November	-	-	-	-	-	-	-	-	-
3 November	-	-	-	-	-	-	-	-	-
4 November	-	-	-	-	-	-	-	-	-
5 November	126	142	110	14.8	24.0	9.9	182	190	168
6 November	140	172	113	12.4	18.4	10.4	186	208	171
7 November	157	183	119	12.7	15.6	11.4	196	212	157
8 November	161	180	136	13.4	17.4	10.4	206	223	176
9 November	163	184	133	9.7	10.2	9.3	200	220	182
10 November	-	-	-	11.0	12.9	10.2	-	-	-
11 November	132	162	102	13.2	16.8	10.8	229	256	196
12 November	-	-	-	14.1	15.7	12.7	-	-	-
13 November	-	-	-	13.7	14.7	13.2	231	240	210
14 November	115	118	113	13.8	14.8	12.7	229	247	211
15 November	122	147	111	13.1	15.6	10.2	209	247	125
16 November	144	172	122	12.0	13.4	10.3	252	275	208
17 November	131	162	109	11.6	12.9	10.3	242	258	206
18 November	139	167	118	11.8	13.4	10.9	264	286	239
19 November	163	173	148	11.5	12.9	9.9	247	285	173
20 November	156	176	142	11.4	12.9	10.9	224	260	184
21 November	157	176	147	12.5	15.0	10.9	218	235	194
22 November	161	173	143	12.7	15.4	10.3	230	248	211
23 November	165	188	143	12.9	14.9	10.3	215	234	187
24 November	155	170	142	12.8	15.9	10.8	240	270	217
25 November	152	174	134	12.7	14.4	10.7	217	235	203
26 November	162	178	141	12.4	15.3	9.3	236	277	209
27 November	159	183	137	11.5	12.8	9.5	250	281	235
28 November	146	170	131	13.1	14.9	10.8	240	273	204
29 November	154	168	130	13.4	15.9	11.3	246	261	230
30 November	143	163	113	11.6	13.3	9.7	239	255	229

Unit 2 Boiler Continuous Emission Monitoring Summary

EPA Identification no. 12 - Air emissions monitoring, Boiler 2 stack discharge to air

NoX and Sox sensors out of service 10-12 and 18 November 2019 SoX sensor out of service 16-17 November 2019

	NOX			Particulates			SOX		
	ppm (7% O ₂)			mg/m ³			ppm (7% O ₂)		
	Daily Ave	Max Hourly	Min Hourly	Daily Ave	Max Hourly	Min Hourly	Daily Ave	Max Hourly	Min Hourly
1 November	158	180	127	19.2	22.2	17.5	205	223	184
2 November	155	190	124	18.1	20.5	16.3	236	259	224
3 November	134	165	115	18.0	21.1	15.8	242	259	227
4 November	150	157	128	19.2	21.4	17.2	241	250	220
5 November	141	157	120	20.0	23.1	18.2	234	241	218
6 November	140	164	119	19.3	21.7	14.7	195	229	177
7 November	156	195	133	16.5	19.0	13.3	201	223	158
8 November	145	159	116	16.0	22.7	11.8	223	248	200
9 November	114	125	101	20.0	23.9	18.1	247	269	235
10 November	-	-	-	19.1	23.5	15.1	-	-	-
11 November	-	-	-	17.6	20.8	15.1	-	-	-
12 November	-	-	-	15.9	19.6	12.1	-	-	-
13 November	121	138	105	19.9	24.2	16.5	229	251	205
14 November	125	141	107	21.4	24.3	17.9	229	257	200
15 November	125	146	103	19.2	22.0	16.4	162	195	124
16 November	119	128	110	20.3	21.5	18.1	-	-	-
17 November	134	150	121	20.2	22.9	18.1	-	-	-
18 November	-	-	-	20.1	22.9	16.9	-	-	-
19 November	165	173	144	21.0	25.0	16.0	247	265	235
20 November	136	186	115	22.7	24.9	20.1	204	237	174
21 November	132	184	115	23.0	26.7	20.5	193	207	170
22 November	135	158	112	20.8	28.5	15.9	212	231	169
23 November	131	171	117	19.6	22.8	17.6	201	225	166
24 November	131	165	117	20.8	24.7	18.4	216	227	203
25 November	120	166	110	19.4	23.8	16.0	193	201	186
26 November	126	154	109	18.3	25.1	15.4	211	248	193
27 November	127	159	105	22.8	29.8	18.8	235	254	215
28 November	124	144	114	20.9	26.1	17.8	220	241	202
29 November	127	161	114	18.9	23.0	16.1	217	234	195
30 November	162	181	124	19.8	23.4	17.7	234	247	222

Unit 3 Boiler Continuous Emission Monitoring Summary

EPA Identification no. 13 - Air emissions monitoring, Boiler 3 stack discharge to air

Unit 3 out of service 1 - 21 November 2019

	NOX			Particulates			SOX		
	ppm (7% O ₂)			mg/m ³			ppm (7% O ₂)		
	Daily Ave	Max Hourly	Min Hourly	Daily Ave	Max Hourly	Min Hourly	Daily Ave	Max Hourly	Min Hourly
1 November	-	-	-	-	-	-	-	-	-
2 November	-	-	-	-	-	-	-	-	-
3 November	-	-	-	-	-	-	-	-	-
4 November	-	-	-	-	-	-	-	-	-
5 November	-	-	-	-	-	-	-	-	-
6 November	-	-	-	-	-	-	-	-	-
7 November	-	-	-	-	-	-	-	-	-
8 November	-	-	-	-	-	-	-	-	-
9 November	-	-	-	-	-	-	-	-	-
10 November	-	-	-	-	-	-	-	-	-
11 November	-	-	-	-	-	-	-	-	-
12 November	-	-	-	-	-	-	-	-	-
13 November	-	-	-	-	-	-	-	-	-
14 November	-	-	-	-	-	-	-	-	-
15 November	-	-	-	-	-	-	-	-	-
16 November	-	-	-	-	-	-	-	-	-
17 November	-	-	-	-	-	-	-	-	-
18 November	-	-	-	-	-	-	-	-	-
19 November	-	-	-	-	-	-	-	-	-
20 November	-	-	-	-	-	-	-	-	-
21 November	-	-	-	-	-	-	-	-	-
22 November	178	210	162	18.7	28.2	14.8	271	313	252
23 November	181	195	164	22.2	28.0	18.2	258	274	242
24 November	182	198	148	23.8	27.5	18.9	278	290	233
25 November	175	205	147	19.7	22.1	18.7	259	275	231
26 November	173	193	159	18.8	19.8	17.2	276	303	251
27 November	175	187	165	18.5	19.3	17.2	291	312	269
28 November	165	186	158	18.7	22.0	18.3	294	310	266
29 November	166	193	151	19.1	19.8	18.3	293	305	278
30 November	151	166	137	18.3	18.8	17.2	292	305	254

Unit 4 Boiler Continuous Emission Monitoring Summary

EPA Identification no. 14 - Air emissions monitoring, Boiler 4 stack discharge to air

	NOX			Particulates			SOX		
	ppm (7% O ₂)			mg/m ³			ppm (7% O ₂)		
	Daily Ave	Max Hourly	Min Hourly	Daily Ave	Max Hourly	Min Hourly	Daily Ave	Max Hourly	Min Hourly
1 November	221	243	194	16.6	18.1	15.3	241	269	218
2 November	216	242	194	18.6	25.9	13.6	270	292	236
3 November	198	224	176	14.9	16.2	13.6	279	307	254
4 November	199	213	187	13.6	14.7	12.4	284	298	268
5 November	177	204	152	14.3	16.0	12.9	291	302	280
6 November	198	230	171	16.2	20.5	14.1	265	297	228
7 November	192	218	167	14.7	16.1	13.0	239	257	215
8 November	186	214	165	14.9	16.7	13.6	255	279	241
9 November	195	215	184	16.3	17.7	15.6	280	298	256
10 November	169	187	150	15.3	16.7	13.1	256	264	248
11 November	173	191	157	13.5	19.2	12.4	252	305	216
12 November	179	214	156	12.5	14.6	11.0	288	320	239
13 November	168	176	153	12.7	15.1	11.5	266	310	237
14 November	176	201	140	13.2	14.0	12.0	294	338	275
15 November	182	197	166	13.2	15.0	11.9	303	339	257
16 November	172	193	151	13.6	14.5	11.9	298	343	264
17 November	184	206	159	13.0	14.0	12.5	294	350	253
18 November	173	205	124	14.1	22.8	12.5	306	345	269
19 November	185	224	141	13.7	16.8	11.4	307	339	275
20 November	208	227	190	12.2	13.0	11.4	247	279	213
21 November	203	226	183	12.5	14.0	11.5	235	257	208
22 November	208	222	171	12.1	13.0	11.5	265	284	227
23 November	194	218	163	12.4	13.5	11.6	248	272	207
24 November	194	209	172	13.0	14.2	11.9	278	288	270
25 November	193	230	168	12.5	15.7	11.5	253	270	241
26 November	196	223	166	12.8	13.6	11.5	264	298	244
27 November	197	216	174	13.2	15.1	11.5	309	331	275
28 November	191	209	174	13.5	14.6	12.6	297	318	268
29 November	189	202	176	12.7	13.7	12.0	285	300	262
30 November	180	194	165	12.8	15.2	11.9	288	304	263

Unit 1 Boiler Emission Test Results

EPA Identification no. 11 - Air emissions monitoring, Boiler 1 stack discharge to air

<u>Name</u>	<u>Reading</u>	<u>Units</u>	<u>Licence Limit</u>	<u>Date</u>
Cadmium	<0.0002	mg/m ³	0.2	13-14/11/2018
Carbon Dioxide (Wet)	13.8	%	-	13-14/11/2018
Carbon Monoxide	<40	ppm	-	13-14/11/2018
Chlorine	0.008	mg/m ³	200	13-14/11/2018
Copper	0.0003	mg/m ³	-	13-14/11/2018
Dry Gas Density	1.33	kg/m ³	-	13-14/11/2018
Fluoride As HF - Total	8.7	mg/m ³	50	13-14/11/2018
Hazardous Substances (Metals) - Total	≤0.0081	mg/m ³	1	13-14/11/2018
Hydrogen Chloride	14.4	mg/m ³	100	13-14/11/2018
Mercury	0.00020	mg/m ³	0.2	13-14/11/2018
Moisture	5.9	%	-	13-14/11/2018
Particulates - Total	1.2	mg/m ³	50	13-14/11/2018
Stack Gas Molecular Weight	29.9	kg/k-mole	-	13-14/11/2018
Temperature	127	degC	-	13-14/11/2018
Velocity	14	m/sec	-	13-14/11/2018
Volatile Organic Compounds (VOC) - Total	<0.02	ppm	-	13-14/11/2018
Volumetric Flow Rate (Dry At STP)	348	m ³ /sec	-	13-14/11/2018

Unit 2 Boiler Emission Test Results

EPA Identification no. 12 - Air emissions monitoring, Boiler 2 stack discharge to air

<u>Name</u>		<u>Units</u>	<u>Licence Limit</u>	<u>Date</u>
Cadmium	<0.0005	mg/m ³	0.2	19/02/2019
Carbon Dioxide (Wet)	11.9	%	-	19/02/2019
Carbon Monoxide	<40	ppm	-	19/02/2019
Chlorine	<0.007	mg/m ³	200	6/06/2019
Copper	0.0036	mg/m ³	-	19/02/2019
Dry Gas Density	1.32	kg/m ³	-	19/02/2019
Fluoride As HF - Total	5.4	mg/m ³	50	6/06/2019
Hazardous Substances (Metals) - Total	<0.033	mg/m ³	1	19/02/2019
Hydrogen Chloride	4.6	mg/m ³	100	6/06/2019
Mercury	0.00057	mg/m ³	0.2	19/02/2019
Moisture	6.8	%	-	19/02/2019
Particulates - Total	4.2	mg/m ³	50	19/02/2019
Stack Gas Molecular Weight	29.6	Kg/k-mole	-	19/02/2019
Temperature	124	degC	-	19/02/2019
Velocity	15.5	m/sec	-	19/02/2019
Volatile Organic Compounds (VOC) - Total	0.033	ppm	-	6/06/2019
Volumetric Flow Rate (Dry At STP)	351	m ³ /sec	-	19/02/2019

Unit 3 Boiler Emission Test Results

EPA Identification no. 13 - Air emissions monitoring, Boiler 3 stack discharge to air

<u>Name</u>		<u>Units</u>	<u>Licence Limit</u>	<u>Date</u>
Cadmium	<0.0002	mg/m ³	0.2	7-8 May 2019
Carbon Dioxide (Wet)	13	%	-	7-8 May 2019
Carbon Monoxide	126	ppm	-	7-8 May 2019
Chlorine	0.007	mg/m ³	200	7-8 May 2019
Copper	0.00064	mg/m ³	-	7-8 May 2019
Dry Gas Density	1.32	kg/m ³	-	7-8 May 2019
Fluoride As HF - Total	10	mg/m ³	50	7-8 May 2019
Hazardous Substances (Metals) - Total	<0.010	mg/m ³	1	7-8 May 2019
Hydrogen Chloride	9.5	mg/m ³	100	7-8 May 2019
Mercury	<0.0002	mg/m ³	0.2	7-8 May 2019
Moisture	6.7	%	-	7-8 May 2019
Particulates - Total	5.9	mg/m ³	50	7-8 May 2019
Stack Gas Molecular Weight	29.6	kg/k-mole	-	7-8 May 2019
Temperature	122	degC	-	7-8 May 2019
Velocity	15	m/sec	-	7-8 May 2019
Volatile Organic Compounds (VOC) - Total	<0.008	ppm	-	7-8 May 2019
Volumetric Flow Rate (Dry At STP)	345	m ³ /sec	-	7-8 May 2019

Unit 4 Boiler Emission Test Results

EPA Identification no. 14 - Air emissions monitoring, Boiler 4 stack discharge to air

<u>Name</u>	<u>Reading</u>	<u>Units</u>	<u>Licence Limit</u>	<u>Date</u>
Cadmium	<0.0001	mg/m ³	0.2	20-21/08/2018
Carbon Dioxide (Wet)	13.2	%	-	20-21/08/2018
Carbon Monoxide	54	ppm	-	20-21/08/2018
Chlorine	<0.006	mg/m ³	200	20-21/08/2018
Copper	0.00054	mg/m ³	-	20-21/08/2018
Dry Gas Density	1.36	kg/m ³	-	20-21/08/2018
Fluoride As HF - Total	10.5	mg/m ³	50	20-21/08/2018
Hazardous Substances (Metals) - Total	≤0.0093	mg/m ³	1	20-21/08/2018
Hydrogen Chloride	6.7	mg/m ³	100	20-21/08/2018
Mercury	0.0013	mg/m ³	0.2	20-21/08/2018
Moisture	6.4	%	-	20-21/08/2018
Particulates - Total	2.6	mg/m ³	50	20-21/08/2018
Stack Gas Molecular Weight	29.7	kg/k-mole	-	20-21/08/2018
Temperature	121	degC	-	20-21/08/2018
Velocity	15.5	m/sec	-	20-21/08/2018
Volatile Organic Compounds (VOC) - Total	0.025	ppm	-	20-21/08/2018
Volumetric Flow Rate (Dry At STP)	370	m ³ /sec	-	20-21/08/2018

Eraring Depositional Dust Gauges

*EPA Identification no. 18, 25, 26 & 27 - Depositional dust monitoring within 1km
of the coal handling operations*

	Deposited Matter		
	g/m ² /month		
	Ash	Combustible	Insoluble
E2	1.0	0.3	1.3
E4	1.2	0.5	1.7
E6	1.9	2.7	4.6
U6	1.6	0.4	2.0

Water Quality - Lake Monitoring LM10

EPA Identification no. 4 - The waters of Lake Macquarie located midway between cooling water inlet and Hungary Point

	Temp	pH	Salinity	Dissolved Oxygen		Secchi
	degC		ppt	%	mg/L	m
Depth/Air	22.70					
010cm	24.68	8.69	34.7	105.6	7.01	1.75
050cm	24.72	8.67	34.7	90.1	5.97	
100cm	24.68	8.68	34.8	80.0	5.30	
150cm	24.65	8.68	34.8	79.7	5.27	
200cm	24.63	8.68	34.8	79.9	5.29	
250cm	24.67	8.66	35.0	74.8	4.95	
Bottom	24.71	8.69	34.8	67.4	4.47	

Water Quality - Lake Monitoring LM12

EPA Identification no. 6 - The waters of Lake Macquarie located at the Eraring/Vales Point mixing zone off Fishery Point

	Temp	pH	Salinity	Dissolved Oxygen		Secchi
	degC		ppt	%	mg/L	m
Depth/Air	22.80					
010cm	24.86	8.64	34.5	127.8	8.40	2.25
050cm	25.07	8.65	34.5	113.9	7.38	
100cm	25.09	8.66	34.5	106.4	6.93	
150cm	25.14	8.65	34.5	101.5	6.68	
200cm	24.77	8.65	34.5	100.0	6.61	
250cm	24.85	8.65	34.5	97.1	6.43	
300cm	24.60	8.65	34.5	96.7	6.54	
350cm	23.72	8.66	34.5	92.0	6.11	
400cm	23.73	8.65	34.5	89.1	6.03	
450cm	23.71	8.65	34.5	88.1	5.99	
500cm	23.68	8.65	34.5	88.1	5.96	
550cm	23.54	8.65	34.6	87.3	5.88	
600cm	23.50	8.65	34.8	87.0	5.83	
650cm	23.50	8.65	34.8	86.6	5.83	
Bottom	23.49	8.64	34.8	80.0	5.36	

Water Quality - Lake Monitoring LM4

EPA Identification no. 7 - The northern waters of Lake Macquarie east off Lake Macquarie Yacht Club

	Temp	pH	Salinity	Dissolved Oxygen		Secchi
	degC		ppt	%	mg/L	m
Depth/Air	20.10					
010cm	21.97	8.32	35.3	101.3	6.71	4.25
050cm	22.07	8.32	35.3	93.8	6.47	
100cm	22.05	8.31	35.3	89.8	6.20	
150cm	22.09	8.33	35.3	89.1	6.18	
200cm	22.07	8.33	35.3	82.6	5.70	
250cm	22.08	8.32	35.3	83.8	5.75	
300cm	22.05	8.32	35.3	79.1	5.48	
350cm	22.05	8.34	35.3	80.9	5.58	
400cm	22.05	8.34	35.3	73.1	5.03	
450cm	22.07	8.36	35.2	81.0	5.59	
500cm	22.07	8.37	35.2	78.0	5.39	
550cm	22.07	8.41	35.2	82.5	5.70	
600cm	22.05	8.45	35.2	73.5	5.08	
650cm	22.03	8.45	35.2	73.1	5.05	
700cm	22.01	8.46	35.3	72.5	4.99	
750cm	22.00	8.46	35.3	73.1	5.04	
800cm	21.93	8.49	35.3	69.5	4.81	
850cm	21.37	8.48	35.3	72.1	5.03	
Bottom	20.64	8.46	35.3	62.7	4.44	

Water Quality - Lake Monitoring LM7

EPA Identification no. 5 - The waters of Lake Macquarie located off old Wangi power station inlet point in Myuna Bay

	Temp	pH	Salinity	Dissolved Oxygen		Secchi
	degC		ppt	%	mg/L	m
Depth/Air	21.20					
010cm	26.71	8.55	34.7	89.3	5.75	1.75
050cm	26.59	8.53	34.8	89.8	5.78	
100cm	26.40	8.53	34.9	90.6	5.83	
150cm	26.40	8.52	35.0	90.8	5.84	
200cm	25.93	8.53	35.0	94.5	6.12	
250cm	25.84	8.55	34.9	86.3	5.61	
300cm	25.68	8.55	34.9	79.6	5.19	
350cm	25.45	8.58	34.8	84.7	5.55	
400cm	25.36	8.58	34.8	70.5	4.62	
450cm	24.27	8.58	35.0	81.5	5.45	
500cm	22.93	8.56	34.9	66.2	4.54	
Bottom	22.61	8.55	34.9	66.4	4.55	

Eraring Ash Dam Effluent Quality Monitoring

EPA Identification no. 10 - Discharge point below siphon pond weir at Ash Dam

Name	Reading	Units	Licence Limit	Date
Total Suspended Solids	10	mg/L	-	7/11/2019
Nitrite and Nitrate as N	5420	ug/L	-	7/11/2019
Phosphorus Reactive as P - Total	460	ug/L	-	7/11/2019
Phosphorus as P - Total	480	ug/L	-	7/11/2019

Eraring Cooling Water Inlet Canal

EPA Identification no. 8 - Inlet canal of the cooling water intake from Lake Macquarie

Name	Reading	Units	Licence Limit	Date
Temperature – Average	24.1	deg C	-	Nov 2019
Temperature – Minimum	19.8	deg C	-	Nov 2019
Temperature - Maximum	26.0	deg C	-	Nov 2019

Eraring Cooling Water Outlet Canal

EPA Identification no. 1 - Cooling water outlet canal to Myuna Bay

Name	Reading	Units	Licence Limit	Date
Temperature – Average	30.9	deg C	37.5	Nov 2019
Temperature – Minimum	25.9	deg C	37.5	Nov 2019
Temperature - Maximum	34.5	deg C	37.5	Nov 2019
Maximum Daily Discharge from Ash Dam	37.71	ML	150	Nov 2019
Monthly Discharge from Ash Dam	309.1	ML	-	Nov 2019

Emergency Discharge – Toe Drain Pond

EPA Identification no. 17 - Emergency discharge to toe drain collection pond

Name	Reading	Units	Licence Limit	Date
Nitrite and Nitrate as N	185	ug/L	-	7/11/2019
Phosphorus as P – Total	25	ug/L	-	7/11/2019

Groundwater Monitoring

Groundwater Well – MW01

EPA Identification no. 21 – Groundwater Monitoring Well 01

Name	Reading	Units	Date
Arsenic	<0.2	ug/L	27/06/2019
Cadmium	<0.05	ug/L	27/06/2019
Calcium	<1000	ug/L	27/06/2019
Chromium	0.7	ug/L	27/06/2019
Copper	4.2	ug/L	27/06/2019
Electrical Conductivity	0.350	mS/cm	27/06/2019
Iron	89	ug/L	27/06/2019
Lead	0.7	ug/L	27/06/2019
Magnesium	4000	ug/L	27/06/2019
Manganese	55.7	ug/L	27/06/2019
Nickel	6.0	ug/L	27/06/2019
pH	4.87	pH	27/06/2019
Potassium	4000	ug/L	27/06/2019
Selenium	<0.2	ug/L	27/06/2019
Standing Water Level	9.72	metres	27/06/2019
Zinc	151	ug/L	27/06/2019

Groundwater Well – MW02

EPA Identification no. 22 – Groundwater Monitoring Well 02

Name	Reading	Units	Date
Arsenic	23.4	ug/L	19/06/2019
Cadmium	0.02	ug/L	19/06/2019
Calcium	328000	ug/L	19/06/2019
Chromium	1.6	ug/L	19/06/2019
Copper	1.1	ug/L	19/06/2019
Electrical Conductivity	13.200	mS/cm	19/06/2019
Iron	9070	ug/L	19/06/2019
Lead	1.3	ug/L	19/06/2019
Magnesium	206000	ug/L	19/06/2019
Manganese	1290	ug/L	19/06/2019
Nickel	2.3	ug/L	19/06/2019
pH	6.40	pH	19/06/2019
Potassium	101000	ug/L	19/06/2019
Selenium	<2.0	ug/L	19/06/2019
Standing Water Level	4.32	metres	19/06/2019
Zinc	25	ug/L	19/06/2019

Groundwater Well – MW06

EPA Identification no. 23 – Groundwater Monitoring Well 06

Name	Reading	Units	Date
Arsenic	7.0	ug/L	19/06/2019
Cadmium	<0.02	ug/L	19/06/2019
Calcium	469000	ug/L	19/06/2019
Chromium	0.8	ug/L	19/06/2019
Copper	<1.0	ug/L	19/06/2019
Electrical Conductivity	17.000	mS/cm	19/06/2019
Iron	14000	ug/L	19/06/2019
Lead	<0.2	ug/L	19/06/2019
Magnesium	263000	ug/L	19/06/2019
Manganese	400	ug/L	19/06/2019
Nickel	1.2	ug/L	19/06/2019
pH	6.52	pH	19/06/2019
Potassium	122000	ug/L	19/06/2019
Selenium	<2.0	ug/L	19/06/2019
Standing Water Level	1.81	metres	19/06/2019
Zinc	<5	ug/L	19/06/2019

Groundwater Well – EGM/D26

EPA Identification no. 24 – Groundwater Monitoring Well D26

Groundwater well was dry during sampling in June 2019

Name	Reading	Units	Date
Arsenic		ug/L	
Cadmium		ug/L	
Calcium		ug/L	
Chromium		ug/L	
Copper		ug/L	
Electrical Conductivity		mS/cm	
Iron		ug/L	
Lead		ug/L	
Magnesium		ug/L	
Manganese		ug/L	
Nickel		ug/L	
pH		pH	
Potassium		ug/L	
Selenium		ug/L	
Standing Water Level		metres	
Zinc		ug/L	