Eraring Power Station - EPA Licence 1429

Rocky Point Rd, Dora Creek NSW 2264

Environmental Monitoring Data

May 2019

Unit 1 Boiler Continuous Emission Monitoring Summary

EPA Identification no. 11 - Air emissions monitoring, Boiler 1 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 May	151	161	130	13.4	15.1	11.5	202	215	174
2 May	153	162	131	13.5	15.0	12.5	222	270	180
4 May	164	178	150	12.9	14.8	11.2	204	235	180
5 May	153	174	130	11.9	12.9	10.8	205	221	184
6 May	159	174	143	12.4	12.9	11.8	209	223	177
7 May	138	158	111	11.8	12.8	10.2	233	262	201
8 May	144	165	119	11.3	12.4	10.8	245	268	228
9 May	153	177	107	11.7	12.8	9.8	233	251	215
10 May	167	183	106	12.2	13.9	9.8	226	254	176
11 May	142	171	109	11.7	12.9	10.8	234	261	215
12 May	147	167	128	12.0	13.1	10.9	251	266	220
13 May	153	170	128	13.2	14.2	11.6	258	275	235
14 May	167	191	104	14.0	19.8	13.1	236	243	204
15 May	160	169	101	13.5	15.8	11.6	268	312	206
16 May	157	173	102	14.1	16.2	12.0	272	303	244
17 May	132	173	102	13.1	16.6	10.9	245	294	118
18 May	165	180	136	14.5	18.0	12.7	273	302	202
19 May	146	172	104	14.2	17.4	12.7	238	264	217
20 May	156	168	108	14.6	19.4	12.7	252	270	232
21 May	157	174	111	13.3	15.1	10.9	230	250	202
22 May	155	176	104	13.0	14.4	10.7	229	238	202
23 May	158	182	131	14.1	16.5	12.5	207	223	196
24 May	148	168	126	14.5	17.7	12.1	219	234	201
25 May	152	189	123	13.1	14.8	12.2	266	286	205
26 May	147	165	128	12.1	12.8	10.7	261	282	247
27 May	147	171	111	12.0	13.3	10.2	251	293	210
28 May	145	171	117	12.1	13.1	10.3	254	272	221
29 May	138	179	119	12.2	17.8	10.0	243	259	210
30 May	152	197	116	11.5	12.5	9.4	253	272	226
31 May	171	198	123	12.2	17.7	10.4	246	264	230

Unit 2 Boiler Continuous Emission Monitoring Summary

EPA Identification no. 12 - Air emissions monitoring, Boiler 2 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 May	151	176	123	19.5	21.6	17.5	203	222	170
2 May	152	183	119	19.1	23.2	15.7	226	257	205
3 May	154	181	116	18.6	22.9	15.2	234	257	208
4 May	158	181	111	19.1	22.9	15.9	199	222	166
5 May	145	200	114	18.9	22.3	16.0	203	225	178
6 May	151	179	123	19.4	22.3	17.1	210	223	199
7 May	144	184	120	20.6	23.4	17.1	208	230	133
8 May	141	171	102	19.5	22.9	16.7	232	245	221
9 May	155	173	121	19.6	22.1	16.8	218	237	204
10 May	161	176	122	20.2	23.2	18.5	216	229	200
11 May	148	183	124	19.1	21.4	17.2	215	242	202
12 May	141	170	117	20.1	24.4	17.3	235	250	222
13 May	126	147	112	19.8	23.0	16.8	253	267	232
14 May	230	249	209	20.0	23.4	17.8	228	277	199
15 May	194	247	156	20.6	22.9	17.7	212	255	146
16 May	185	207	153	21.2	24.9	19.3	222	272	155
17 May	140	191	113	20.5	24.4	17.5	233	253	204
18 May	184	223	154	20.8	23.9	16.9	249	271	211
19 May	179	213	140	20.5	25.0	16.4	233	268	201
20 May	189	207	133	21.3	26.6	18.8	240	268	206
21 May	189	208	141	20.0	22.4	17.0	237	242	226
22 May	162	183	134	20.4	23.4	17.7	220	236	182
23 May	162	179	121	21.3	26.6	18.0	199	228	172
24 May	155	177	118	20.6	26.4	17.5	207	216	192
25 May	154	185	119	20.7	23.7	17.5	238	283	187
26 May	155	187	124	20.6	23.3	18.0	275	288	258
27 May	148	175	122	21.5	25.3	18.2	266	297	215
28 May	146	195	120	21.9	25.5	19.7	258	271	218
29 May	144	181	122	22.6	26.8	19.6	252	275	227
30 May	142	188	104	22.6	25.8	20.0	245	258	227
31 May	146	198	115	23.9	28.9	20.1	266	282	245

Unit 3 Boiler Continuous Emission Monitoring Summary

EPA Identification no. 13 - Air emissions monitoring, Boiler 3 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 May	170	194	119	11.1	14.5	8.0	235	257	220
2 May	172	192	112	11.2	14.2	8.1	243	275	209
3 May	183	204	124	15.7	21.6	11.5	268	309	234
4 May	184	214	121	9.3	12.2	7.7	235	269	204
5 May	195	214	182	9.4	10.3	9.2	233	266	207
6 May	181	200	139	10.1	12.0	9.2	242	260	219
7 May	167	186	133	10.5	12.4	9.2	253	286	236
8 May	184	208	128	10.8	12.6	10.2	266	291	237
9 May	185	204	153	10.8	12.2	10.0	254	272	233
10 May	175	201	136	11.0	12.8	9.7	228	246	197
11 May	180	206	139	11.1	12.3	9.0	233	244	220
12 May	176	202	146	11.7	18.1	9.7	242	254	202
13 May	178	211	109	12.3	14.6	10.4	253	273	212
14 May	177	197	135	11.0	14.3	9.1	233	253	196
15 May	181	200	122	10.1	10.7	9.6	280	369	177
16 May	206	235	156	11.0	12.9	9.8	290	384	249
17 May	168	224	120	11.3	13.5	9.3	271	311	204
18 May	215	247	169	13.2	18.5	10.4	302	329	260
19 May	209	242	156	13.9	16.1	11.3	263	291	233
20 May	194	223	131	16.5	21.6	13.2	268	293	212
21 May	198	220	141	19.9	23.8	15.5	265	277	240
22 May	173	203	122	24.1	41.6	15.3	245	264	229
23 May	186	205	176	19.4	23.2	17.1	214	230	197
24 May	160	180	126	22.4	28.5	14.5	219	237	202
25 May	167	183	148	11.4	18.9	7.9	262	303	191
26 May	175	215	132	8.6	10.6	7.9	263	281	230
27 May	176	216	153	11.9	15.7	8.0	267	291	226
28 May	170	199	118	11.8	21.3	8.6	271	293	226
29 May	157	184	124	9.2	11.8	8.1	246	261	207
30 May	166	193	116	9.1	12.7	8.0	256	272	235
31 May	172	188	138	9.2	11.8	8.1	254	267	226

Unit 4 Boiler Continuous Emission Monitoring Summary

EPA Identification no. 14 - Air emissions monitoring, Boiler 4 stack discharge to air.
Unit 4 out of service 23-27 May and 30-31 May 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 May	202	219	165	11.1	15.5	8.5	283	330	260
2 May	193	220	178	12.8	21.0	9.4	301	335	264
3 May	188	203	166	16.9	20.8	11.4	288	313	266
4 May	198	224	173	14.4	15.8	13.7	265	321	242
5 May	199	220	165	15.8	16.9	14.9	311	346	272
6 May	191	215	175	10.1	17.1	8.6	268	286	254
7 May	187	206	172	9.9	11.7	8.6	275	303	260
8 May	190	210	168	9.3	12.3	8.3	288	317	257
9 May	204	222	182	9.6	11.1	8.9	279	307	258
10 May	206	223	184	9.5	11.5	8.3	272	317	229
11 May	201	224	178	9.7	11.4	8.3	266	288	254
12 May	210	243	188	9.5	10.8	8.2	291	319	268
13 May	211	253	172	10.3	21.7	7.7	317	345	289
14 May	260	291	215	15.9	32.1	9.6	299	323	281
15 May	222	294	178	11.6	15.2	9.3	291	381	259
16 May	229	256	183	11.3	18.3	9.4	310	364	277
17 May	194	232	175	11.0	12.6	9.4	326	356	285
18 May	195	214	182	11.6	13.1	9.0	327	377	260
19 May	222	254	187	9.6	12.0	8.4	293	338	253
20 May	229	259	182	10.6	16.3	7.9	314	337	273
21 May	219	271	188	11.7	23.3	8.7	301	367	275
22 May	209	260	180	15.8	29.0	9.2	291	327	274
23 May	-	-	-	-	-	-	-	-	-
24 May	-	-	-	-	-	-	-	-	-
25 May	-	-	-	-	-	-	-	-	-
26 May	-	-	-	-	-	-	-	-	-
27 May	-	-	-	-	-	-	-	-	-
28 May	220	257	179	11.4	13.1	10.3	299	338	278
29 May	203	233	173	12.0	13.9	9.9	292	322	269
30 May	-	-	-	-	-	-	-	-	-
31 May	-	-	-	-	-	-	-	-	-

Unit 1 Boiler Emission Test Results

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

Name	Reading	Units	Licence Limit	Date
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

Name	Reading	Units	Licence Limit	Date
Cadmium	<0.0002	mg/m^3	0.2	27-28/02/2018
Carbon Dioxide (Wet)	12.9	%	-	27-28/02/2018
Carbon Monoxide	14	ppm	-	27-28/02/2018
Chlorine	0.033	mg/m^3	200	27-28/02/2018
Copper	0.0009	mg/m^3	-	27-28/02/2018
Dry Gas Density	1.4	kg/m^3	-	27-28/02/2018
Fluoride As HF - Total	10.4	mg/m^3	50	27-28/02/2018
Hazardous Substances (Metals) - Total	≤0.0097	mg/m^3	1	27-28/02/2018
Hydrogen Chloride	9.6	mg/m^3	100	27-28/02/2018
Mercury	0.00051	mg/m^3	0.2	27-28/02/2018
Moisture	7.2	%	-	27-28/02/2018
Particulates - Total	3.4	mg/m^3	50	27-28/02/2018
Stack Gas Molecular Weight	30.5	Kg/k-mole	-	27-28/02/2018
Temperature	122	degC	-	27-28/02/2018
Velocity	14	m/sec	-	27-28/02/2018
Volatile Organic Compounds (VOC) - Total	<0.06	ppm	-	27-28/02/2018
Volumetric Flow Rate (Dry At STP)	336	m^3/sec	-	27-28/02/2018

Unit 3 Boiler Emission Test Results

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

Name		Units	Licence Limit	Date
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

Name	Reading	Units	Licence Limit	Date
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	0.6	0.1	0.7
E4	0.5	0.5	1.0
E6	0.4	0.3	0.7
U6	0.2	0.2	0.4

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	16.0					
010cm	20.51	8.72	36.7	64.8	4.56	2.75
050cm	20.54	8.72	36.7	65.3	4.58	
100cm	20.53	8.72	36.7	65.8	4.61	
150cm	20.54	8.72	36.7	63.2	4.44	
200cm	20.56	8.72	36.7	63.0	4.40	
Bottom	20.55	8.72	36.7	61.9	4.33	

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	14.0					
010cm	21.43	7.60	37.1	86.5	5.97	2.75
050cm	21.49	7.52	37.1	90.7	6.25	
100cm	21.56	7.49	37.0	94.3	6.49	
150cm	21.54	7.47	37.0	100.4	6.82	
200cm	21.56	7.47	37.0	109.4	7.52	
250cm	21.61	7.48	36.9	116.4	8.02	
300cm	21.65	7.50	36.9	120.0	8.13	
350cm	21.61	7.53	36.9	111.6	7.69	
400cm	21.68	7.53	36.9	115.8	7.96	
450cm	21.69	7.53	36.9	113.8	7.81	
500cm	21.67	7.53	36.9	116.6	8.03	
550cm	21.67	7.53	36.9	117.4	8.07	
600cm	21.67	7.53	36.9	125.3	8.66	
650cm	21.67	7.53	36.9	127.5	8.76	
Bottom	21.53	7.53	36.9	132.5	9.15	

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	19.0					
010cm	20.34	8.81	36.2	79.5	5.59	3.25
050cm	20.35	8.81	36.2	78.1	5.50	
100cm	20.34	8.81	36.2	77.2	5.52	
150cm	20.34	8.81	36.2	77.3	5.53	
200cm	20.34	8.81	36.2	77.1	5.46	
250cm	20.33	8.81	36.2	77.7	5.49	
300cm	20.32	8.81	36.2	80.0	5.65	
350cm	20.32	8.81	36.2	80.5	5.69	
400cm	20.31	8.81	36.2	79.5	5.63	
450cm	20.30	8.81	36.2	82.4	5.83	
500cm	20.30	8.81	36.2	77.9	5.51	
550cm	20.29	8.81	36.2	80.1	5.67	
600cm	20.29	8.81	36.2	80.4	5.69	
650cm	20.28	8.81	36.2	80.0	5.66	
700cm	20.28	8.81	36.2	79.7	5.65	
750cm	20.27	8.81	36.2	79.2	5.61	
800cm	20.26	8.81	36.2	79.1	5.51	
850cm	20.29	8.81	36.2	77.4	5.54	
Bottom	20.24	8.82	36.2	77.1	5.47	

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	14.0					
010cm	23.90	8.70	36.7	75.8	5.04	2.75
050cm	23.97	8.70	36.7	70.7	4.68	
100cm	24.02	8.70	36.7	79.8	5.28	
150cm	24.03	8.70	36.7	75.5	5.00	
200cm	24.04	8.71	36.9	75.2	4.98	
250cm	24.03	8.71	36.9	76.4	5.04	
300cm	24.63	8.71	36.9	76.0	5.03	
350cm	24.04	8.71	36.9	77.5	5.13	
400cm	24.64	8.71	36.9	78.2	5.16	
450cm	24.04	8.71	36.9	79.1	5.23	
Bottom	24.03	8.71	36.9	77.6	5.14	

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	1	mg/L	-	2/05/2019
Nitrite and Nitrate as N	4950	ug/L	-	2/05/2019
Phosphorus Reactive as P - Total	600	ug/L	-	2/05/2019
Phosphorus as P - Total	680	ug/L	-	2/05/2019

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	20.0	deg C	-	May 2019
Temperature – Minimum	13.8	deg C	-	May 2019
Temperature - Maximum	23.3	deg C	-	May 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	28.8	deg C	37.5	May 2019
Temperature – Minimum	21.1	deg C	37.5	May 2019
Temperature - Maximum	33.6	deg C	37.5	May 2019
Maximum Daily Discharge from Ash Dam	11.71	ML	150	May 2019
Monthly Discharge from Ash Dam	134.0	ML	-	

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	540	ug/L	-	2/05/2019
Phosphorus as P – Total	32	ug/L	-	2/05/2019

Groundwater Monitoring

Groundwater Well – MW01

EPA Identification no. 21 – Groundwater Monitoring Well 01

Name	Reading	Units	Date
Arsenic	1.5	ug/L	12/12/2018
Cadmium	<0.05	ug/L	12/12/2018
Calcium	1000	ug/L	12/12/2018
Chromium	3.4	ug/L	12/12/2018
Copper	7.7	ug/L	12/12/2018
Electrical Conductivity	0.321	mS/cm	12/12/2018
Iron	2100	ug/L	12/12/2018
Lead	6.9	ug/L	12/12/2018
Magnesium	4000	ug/L	12/12/2018
Manganese	77.1	ug/L	12/12/2018
Nickel	5.0	ug/L	12/12/2018
pH	4.97	pH	12/12/2018
Potassium	4000	ug/L	12/12/2018
Selenium	0.6	ug/L	12/12/2018
Standing Water Level	9.850	metres	12/12/2018
Zinc	29	ug/L	12/12/2018

Groundwater Well – MW02

EPA Identification no. 22 – Groundwater Monitoring Well 02

Name	Reading	Units	Date
Arsenic	9.4	ug/L	12/12/2018
Cadmium	0.06	ug/L	12/12/2018
Calcium	356000	ug/L	12/12/2018
Chromium	1.4	ug/L	12/12/2018
Copper	0.7	ug/L	12/12/2018
Electrical Conductivity	16	mS/cm	12/12/2018
Iron	5270	ug/L	12/12/2018
Lead	1.4	ug/L	12/12/2018
Magnesium	229000	ug/L	12/12/2018
Manganese	1310	ug/L	12/12/2018
Nickel	2.6	ug/L	12/12/2018
pH	6.57	pH	12/12/2018
Potassium	112000	ug/L	12/12/2018
Selenium	0.3	ug/L	12/12/2018
Standing Water Level	4.250	metres	12/12/2018
Zinc	21	ug/L	12/12/2018

Groundwater Well – MW06

EPA Identification no. 23 – Groundwater Monitoring Well 06

Name	Reading	Units	Date
Arsenic	6.0	ug/L	12/12/2018
Cadmium	<0.05	ug/L	12/12/2018
Calcium	479000	ug/L	12/12/2018
Chromium	0.8	ug/L	12/12/2018
Copper	<0.5	ug/L	12/12/2018
Electrical Conductivity	21	mS/cm	12/12/2018
Iron	13700	ug/L	12/12/2018
Lead	<0.1	ug/L	12/12/2018
Magnesium	274000	ug/L	12/12/2018
Manganese	409	ug/L	12/12/2018
Nickel	0.8	ug/L	12/12/2018
pH	6.56	pH	12/12/2018
Potassium	124000	ug/L	12/12/2018
Selenium	0.4	ug/L	12/12/2018
Standing Water Level	1.882	metres	12/12/2018
Zinc	3	ug/L	12/12/2018

Groundwater Well – EGM/D26

EPA Identification no. 24 – Groundwater Monitoring Well D26

Groundwater well was dry during sampling in December 2018

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	