Eraring Power Station - EPA Licence 1429

Rocky Point Rd, Dora Creek NSW 2264

Environmental Monitoring Data

October 2018

Unit 1 Boiler Continuous Emission Monitoring Summary

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

Particulate monitor out of service 28 October 2018

	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 October	202	229	165	3.6	8.2	2.4	228	277	207
2 October	213	243	155	3.0	8.1	2.0	268	276	258
3 October	209	235	167	2.9	5.8	2.1	268	284	246
4 October	195	213	154	3.8	8.9	2.1	270	282	245
5 October	202	230	157	9.7	27.3	3.8	249	264	227
6 October	193	221	136	7.8	12.9	5.4	272	294	226
7 October	190	213	153	2.0	2.0	2.0	267	280	256
8 October	179	197	136	2.4	2.4	2.4	244	257	235
9 October	172	187	144	3.1	4.5	2.4	253	266	236
10 October	173	191	134	4.1	8.8	2.5	261	270	246
11 October	183	193	132	3.4	5.6	2.4	256	268	246
12 October	173	192	136	2.4	3.2	2.1	241	249	228
13 October	155	179	125	2.8	4.7	2.1	229	238	222
14 October	159	184	112	3.2	5.4	2.2	227	239	221
15 October	167	193	126	3.3	6.0	2.3	242	258	213
16 October	174	197	148	2.3	2.3	2.3	220	239	203
17 October	165	178	131	2.3	2.3	2.3	224	233	206
18 October	177	196	144	2.7	3.7	2.2	214	232	199
19 October	179	204	129	3.7	7.5	2.2	203	222	184
20 October	185	216	153	4.1	4.4	3.4	200	229	182
21 October	161	178	137	2.4	2.5	2.4	215	243	194
22 October	159	174	143	2.4	2.4	2.4	240	265	227
23 October	186	211	146	2.8	3.9	2.3	220	252	195
24 October	186	203	143	2.7	2.7	2.7	221	243	193
25 October	176	191	143	2.0	2.0	2.0	241	258	199
26 October	182	199	146	2.7	4.2	2.1	221	245	201
27 October	169	199	153	2.0	2.0	2.0	223	248	204
28 October	167	201	140	-	-	-	217	234	199
29 October	166	201	128	2.0	2.0	2.0	227	247	192
30 October	160	180	141	2.4	2.6	2.1	231	243	215
31 October	160	176	144	2.2	2.2	2.2	232	258	208

Unit 2 Boiler Continuous Emission Monitoring Summary

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

Unit out of service 1-31 October 2018

	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 October	-	-	-	-	-	-	-	-	-
2 October	-	-	-	-	-	-	-	-	-
3 October	-	-	-	-	-	-	-	-	-
4 October	-	-	-	-	-	-	-	-	-
5 October	-	-	-	-	-	-	-	-	-
6 October	-	-	-	-	-	-	-	-	-
7 October	-	-	-	-	-	-	-	-	-
8 October	-	-	-	-	-	-	-	-	-
9 October	-	-	-	-	-	-	-	-	-
10 October	-	-	-	-	-	-	-	-	-
11 October	-	-	-	-	-	-	-	-	-
12 October	-	-	-	-	-	-	-	-	-
13 October	-	-	-	-	-	-	-	-	-
14 October	-	-	-	-	-	-	-	-	-
15 October	-	-	-	-	-	-	-	-	-
16 October	-	-	-	-	-	-	-	-	-
17 October	-	-	-	-	-	-	-	-	-
18 October	-	-	-	-	-	-	-	-	-
19 October	-	-	-	-	-	-	-	-	-
20 October	-	-	-	-	-	-	-	-	-
21 October	-	-	-	-	-	-	-	-	-
22 October	-	-	-	-	-	-	-	-	-
23 October	-	-	-	-	-	-	-	-	-
24 October	-	-	-	-	-	-	-	-	-
25 October	-	-	-	-	-	-	-	-	-
26 October	-	-	-	-	-	-	-	-	-
27 October	-	-	-	-	-	-	-	-	-
28 October	-	-	-	-	-	-	-	-	-
29 October	-	-	-	-	-	-	-	-	-
30 October	-	-	-	-	-	-	-	-	-
31 October	-	-	-	-	-	-	-	-	-

Unit 3 Boiler Continuous Emission Monitoring Summary

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

Units out of service 13-20 October 2018 and 25-27 October 2018

	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 October	158	190	119	8.9	13.2	6.7	195	212	176
2 October	174	190	125	8.7	12.2	6.7	233	266	203
3 October	173	198	115	9.0	12.3	7.3	246	295	162
4 October	187	208	133	11.6	19.9	6.1	230	249	209
5 October	185	215	146	17.0	21.4	14.2	212	230	175
6 October	144	161	115	16.3	20.9	9.4	225	251	163
7 October	142	162	107	9.2	11.0	8.9	230	244	210
8 October	139	165	113	9.2	11.0	8.7	215	239	197
9 October	122	128	117	9.8	13.4	8.6	216	249	187
10 October	126	136	116	10.7	13.1	9.5	207	234	188
11 October	126	134	115	9.6	11.4	8.4	207	224	177
12 October	127	148	113	10.4	14.7	9.4	197	219	164
13 October	-	-	-	-	-	-	-	-	-
14 October	-	-	-	-	-	-	-	-	-
15 October	-	-	-	-	-	-	-	-	-
16 October	-	-	-	-	-	-	-	-	-
17 October	-	-	-	-	-	-	-	-	-
18 October	-	-	-	-	-	-	-	-	-
19 October	-	-	-	-	-	-	-	-	-
20 October	-	-	-	-	-	-	-	-	-
21 October	141	159	125	11.0	12.6	10.0	226	236	210
22 October	140	157	128	10.3	11.2	9.7	231	247	219
23 October	143	155	109	9.7	12.3	8.7	223	239	210
24 October	155	171	117	9.6	11.3	8.7	220	247	198
25 October	-	-	-	-	-	-	-	-	-
26 October	-	-	-	-	-	-	-	-	-
27 October	-	-	-	-	-	-	-	-	-
28 October	133	149	124	13.3	16.4	9.9	222	235	208
29 October	150	163	138	9.5	9.9	8.4	218	243	141
30 October	154	173	135	9.4	10.4	8.4	218	240	196
31 October	157	170	124	9.1	10.9	8.4	207	227	192

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 October	184	203	167	4.2	6.3	2.6	215	260	193
2 October	182	196	156	4.2	7.7	3.1	254	264	243
3 October	180	204	154	3.9	7.2	2.4	249	256	244
4 October	166	192	126	5.6	9.7	2.9	231	260	168
5 October	137	152	127	7.3	9.5	5.8	179	222	154
6 October	141	159	120	7.9	10.5	6.5	200	262	154
7 October	150	164	141	6.5	8.1	5.4	253	269	242
8 October	161	172	137	6.2	7.6	5.5	239	245	232
9 October	152	165	135	7.3	9.1	6.0	250	263	237
10 October	136	158	121	9.6	13.6	7.6	219	268	175
11 October	154	165	136	12.4	21.0	9.9	245	263	187
12 October	151	163	142	17.6	22.3	12.9	236	245	228
13 October	137	157	120	23.7	29.9	20.4	202	242	168
14 October	148	168	130	11.8	28.7	5.7	229	251	217
15 October	156	173	143	6.7	13.8	5.4	246	256	225
16 October	155	174	138	5.8	6.9	4.9	220	237	205
17 October	144	158	125	5.4	6.5	4.9	224	232	207
18 October	152	167	123	5.2	7.6	4.0	208	229	141
19 October	161	191	127	5.4	9.2	4.0	209	231	185
20 October	163	196	120	4.8	6.1	4.0	189	223	165
21 October	159	173	148	4.4	6.6	3.7	209	225	188
22 October	152	169	127	5.0	7.4	3.7	237	254	227
23 October	157	169	142	5.0	7.3	3.7	225	241	213
24 October	152	170	119	4.7	7.4	3.8	217	250	165
25 October	155	165	144	5.3	6.7	4.4	243	272	226
26 October	154	177	121	6.4	7.9	5.3	231	261	216
27 October	148	164	133	6.7	7.3	5.7	239	264	216
28 October	149	165	134	6.2	7.3	5.6	229	247	213
29 October	148	165	119	6.1	8.6	4.5	235	261	201
30 October	154	170	141	6.5	9.7	4.9	227	247	183
31 October	158	173	143	7.0	8.4	4.8	228	245	215

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	0.019	mg/m^3	0.2	15/08/2017
Carbon Dioxide (Wet)	12.6	%	-	15/08/2017
Carbon Monoxide	14	ppm	-	15/08/2017
Chlorine	0.083	mg/m3	200	15/08/2017
Copper	0.0014	mg/m3	-	15/08/2017
Dry Gas Density	1.35	kg/m3	-	15/08/2017
Fluoride As HF - Total	8.7	mg/m3	50	15/08/2017
Hazardous Substances (Metals) - Total	0.030	mg/m3	1	15/08/2017
Hydrogen Chloride	2.6	mg/m3	100	15/08/2017
Mercury	<0.000096	mg/m3	0.2	15/08/2017
Moisture	5.3	%	-	15/08/2017
Particulates - Total	1.9	mg/m3	50	15/08/2017
Stack Gas Molecular Weight	30.3	kg/k-mole	-	15/08/2017
Temperature	107	degC	-	15/08/2017
Velocity	15	m/sec	-	15/08/2017
Volatile Organic Compounds (VOC) - Total	<0.08	ppm	-	15/08/2017
Volumetric Flow Rate (Dry At STP)	343	m3/sec	-	15/08/2017

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	Reading	Units	Licence Limit	Date
Cadmium	<0.0002	mg/m^3	0.2	29-30/05/2018
Carbon Dioxide (Wet)	13.2	%	-	29-30/05/2018
Carbon Monoxide	5.4	ppm	-	29-30/05/2018
Chlorine	<0.014	mg/m^3	200	29-30/05/2018
Copper	<0.00046	mg/m^3	-	29-30/05/2018
Dry Gas Density	1.36	kg/m^3	-	29-30/05/2018
Fluoride As HF - Total	9.5	mg/m^3	50	29-30/05/2018
Hazardous Substances (Metals) - Total	<0.011	mg/m^3	1	29-30/05/2018
Hydrogen Chloride	11.5	mg/m^3	100	29-30/05/2018
Mercury	<0.00033	mg/m^3	0.2	29-30/05/2018
Moisture	7.2	%	-	29-30/05/2018
Particulates - Total	5.3	mg/m^3	50	29-30/05/2018
Stack Gas Molecular Weight	30.5	kg/k-mole	-	29-30/05/2018
Temperature	117	degC	-	29-30/05/2018
Velocity	15.0	m/sec	-	29-30/05/2018
Volatile Organic Compounds (VOC) - Total	<0.006	ppm	-	29-30/05/2018
Volumetric Flow Rate (Dry At STP)	361	m^3/sec	-	29-30/05/2018

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	<0.00014	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**	**Insolubles**
E2	0.5	<0.1	0.5
E4	0.4	0.1	0.5
E6	0.7	2.1	2.8
U6	0.5	0.1	0.6

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	18.42					
010cm	19.98	8.13	36.9	58.4	4.27	2.50
050cm	20.03	8.13	36.9	68.1	4.85	
100cm	19.99	8.13	36.9	70.9	5.07	
150cm	19.70	8.14	36.9	72.3	5.16	
200cm	19.66	8.14	36.9	73.6	5.24	
Bottom	19.66	8.15	37.1	63.2	4.66	

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	17.83					
010cm	19.63	8.17	37.2	73.3	5.19	3.25
050cm	19.70	8.15	37.1	75.8	5.40	
100cm	19.46	8.16	37.1	79.7	5.70	
150cm	19.32	8.17	37.1	80.1	5.72	
200cm	19.26	8.17	37.1	77.9	5.57	
250cm	19.24	8.17	37.1	78.3	5.62	
300cm	19.21	8.17	37.1	79.4	5.67	
350cm	19.23	8.17	37.1	78.5	5.62	
400cm	19.21	8.17	37.1	77.8	5.59	
450cm	19.21	8.17	37.2	77.9	5.59	
500cm	19.26	8.17	37.2	77.5	5.56	
550cm	19.26	8.17	37.2	79.1	5.63	
600cm	19.26	8.18	37.2	78.0	5.57	
650cm	19.25	8.17	37.3	78.9	5.64	
700cm	19.25	8.17	37.2	79.9	5.70	
Bottom	19.25	8.17	37.2	61.6	4.37	

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	13.95					
010cm	17.11	8.21	36.9	115	8.27	3.75
050cm	17.39	8.18	36.7	71.4	5.51	
100cm	17.50	8.16	36.5	82.1	6.10	
150cm	17.48	8.16	36.6	83.5	6.20	
200cm	17.54	8.17	36.5	86.6	6.43	
250cm	17.55	8.17	36.5	86.9	6.45	
300cm	17.56	8.17	36.5	87.4	6.46	
350cm	17.58	8.17	36.5	88.4	6.49	
400cm	17.57	8.17	36.4	89.1	6.61	
450cm	17.60	8.17	36.4	89.4	6.64	
500cm	17.60	8.17	36.4	88.6	6.57	
550cm	17.59	8.18	36.5	86.8	6.43	
600cm	17.60	8.18	36.5	87.1	6.47	
650cm	17.59	8.18	36.5	86.1	6.36	
700cm	17.60	8.18	36.5	84.8	6.27	
750cm	17.60	8.19	36.5	83.8	6.18	
800cm	17.60	8.19	36.5	83.8	6.21	
850cm	17.60	8.19	36.5	82.7	6.09	
900cm	17.60	8.19	36.5	79.5	5.95	
Bottom	17.58	8.19	36.5	71.5	5.20	

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	17.09					
010cm	21.94	8.11	37.1	69.1	4.50	3.25
050cm	22.78	8.09	36.9	82.2	5.51	
100cm	22.76	8.09	36.9	82.0	5.51	
150cm	22.58	8.10	36.8	88.4	6.01	
200cm	22.56	8.11	36.8	88.3	6.01	
250cm	22.46	8.11	36.7	90.4	6.08	
300cm	21.94	8.12	36.2	90.0	6.23	
350cm	20.43	8.13	36.6	83.1	5.84	
400cm	20.23	8.12	36.6	77.0	5.36	
450cm	19.88	8.14	36.6	80.4	5.72	
500cm	19.62	8.12	36.7	77.6	5.52	
550cm	19.57	8.12	36.7	73.1	5.15	
Bottom	19.56	8.12	36.7	64.9	4.59	

Eraring Ash Dam Effluent Quality Monitoring

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

Name		Units	Licence Limit	Date
Cadmium	0.08	ug/L	-	04/10/2018
Copper	1.9	ug/L	-	04/10/2018
Iron	52	ug/L	-	04/10/2018
Lead	0.2	ug/L	-	04/10/2018
Manganese	25.6	ug/L	-	04/10/2018
Nitrite and Nitrate as N	2640	ug/L	-	04/10/2018
Phosphorus Reactive as P - Total	370	ug/L	-	04/10/2018
Phosphorus as P - Total	400	ug/L	-	04/10/2018
Selenium	15.7	ug/L	-	04/10/2018
Suspended Solids (SS)	4	mg/L	-	04/10/2018
Zinc	8	ug/L	-	04/10/2018
pH	8.48		-	04/10/2018

Eraring Cooling Water Inlet Canal

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

Name		Units	Licence Limit	**Date**
Copper	1.4	ug/L	-	04/10/2018
Iron	107	ug/L	-	04/10/2018
Selenium	<1	ug/L	-	04/10/2018
Temperature – Average	21.3	deg C	-	October 2018
Temperature – Minimum	18.5	deg C	-	October 2018
Temperature - Maximum	25.2	deg C	-	October 2018

Eraring Cooling Water Outlet Canal

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

Name	Reading	Units	Licence Limit	Date
Copper	2.7	ug/L	5	04/10/2018
Iron	19	ug/L	300	04/10/2018
Selenium	1	ug/L	2	04/10/2018
Temperature – Average	29.4	deg C	37.5	October 2018
Temperature – Minimum	24.0	deg C	37.5	October 2018
Temperature - Maximum	34.7	deg C	37.5	October 2018
Maximum Daily Discharge from Ash Dam	30.49	ML	150	October 2018
Monthly Discharge from Ash Dam	401.8	ML	-	October 2018

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	39	ug/L	-	04/10/2018
Phosphorus as P – Total	131	ug/L	-	04/10/2018
pH	6.72		-	04/10/2018

Groundwater Monitoring

Groundwater Well – MW01

EPA Identification no. 21 – Groundwater Monitoring Well 01

Name	Reading	Units	Date
Arsenic	0.3	ug/L	8/06/2018
Cadmium	<0.05	ug/L	8/06/2018
Calcium	2000	ug/L	8/06/2018
Chromium	<0.2	ug/L	8/06/2018
Copper	1.6	ug/L	8/06/2018
Electrical Conductivity	0.379	mS/cm	8/06/2018
Iron	270	ug/L	8/06/2018
Lead	0.2	ug/L	8/06/2018
Magnesium	4000	ug/L	8/06/2018
Manganese	102	ug/L	8/06/2018
Nickel	4.3	ug/L	8/06/2018
pH	5.67	pH	8/06/2018
Potassium	4000	ug/L	8/06/2018
Selenium	<0.2	ug/L	8/06/2018
Standing Water Level	10.17	metres	8/06/2018
Zinc	35	ug/L	8/06/2018

Groundwater Well – MW02

EPA Identification no. 22 – Groundwater Monitoring Well 02

Name	Reading	Units	Date
Arsenic	7.2	ug/L	8/06/2018
Cadmium	<0.05	ug/L	8/06/2018
Calcium	327000	ug/L	8/06/2018
Chromium	0.8	ug/L	8/06/2018
Copper	<0.5	ug/L	8/06/2018
Electrical Conductivity	15.800	mS/cm	8/06/2018
Iron	5140	ug/L	8/06/2018
Lead	<0.1	ug/L	8/06/2018
Magnesium	216000	ug/L	8/06/2018
Manganese	1090	ug/L	8/06/2018
Nickel	1.9	ug/L	8/06/2018
pH	6.46	pH	8/06/2018
Potassium	109000	ug/L	8/06/2018
Selenium	0.2	ug/L	8/06/2018
Standing Water Level	4.24	metres	8/06/2018
Zinc	13	ug/L	8/06/2018

Groundwater Well – MW06

EPA Identification no. 23 – Groundwater Monitoring Well 06

Name	Reading	Units	Date
Arsenic	6.4	ug/L	8/06/2018
Cadmium	<0.05	ug/L	8/06/2018
Calcium	451000	ug/L	8/06/2018
Chromium	0.7	ug/L	8/06/2018
Copper	<0.5	ug/L	8/06/2018
Electrical Conductivity	21.300	mS/cm	8/06/2018
Iron	11900	ug/L	8/06/2018
Lead	<0.1	ug/L	8/06/2018
Magnesium	270000	ug/L	8/06/2018
Manganese	390	ug/L	8/06/2018
Nickel	0.8	ug/L	8/06/2018
pH	6.58	pH	8/06/2018
Potassium	124000	ug/L	8/06/2018
Selenium	0.4	ug/L	8/06/2018
Standing Water Level	1.645	metres	8/06/2018
Zinc	2	ug/L	8/06/2018

EPA Identification no. 24 – Groundwater Monitoring Well D26

Groundwater well was dry during sampling in June 2018

Name	Reading	Units	Date
Arsenic		ug/L	8/06/2018
Cadmium		ug/L	8/06/2018
Calcium		ug/L	8/06/2018
Chromium		ug/L	8/06/2018
Copper		ug/L	8/06/2018
Electrical Conductivity		mS/cm	8/06/2018
Iron		ug/L	8/06/2018
Lead		ug/L	8/06/2018
Magnesium		ug/L	8/06/2018
Manganese		ug/L	8/06/2018
Nickel		ug/L	8/06/2018
pH		pH	8/06/2018
Potassium		ug/L	8/06/2018
Selenium		ug/L	8/06/2018
Standing Water Level		metres	8/06/2018
Zinc		ug/L	8/06/2018