

**RIX'S CREEK MINE
SURFACE WATER MONITORING
Year ending March 2026 RESULTS**

License Number: 3391
Licensee: RIX'S CREEK PTY. LIMITED
PO BOX 4
EAST MAITLAND NSW 2323

Premises: RIX'S CREEK COLLIERY
RIX'S CREEK LANE
SINGLETON NSW 2330

Monitoring Frequency: Monthly
Sampling method: Grab sample
Limits: Nil



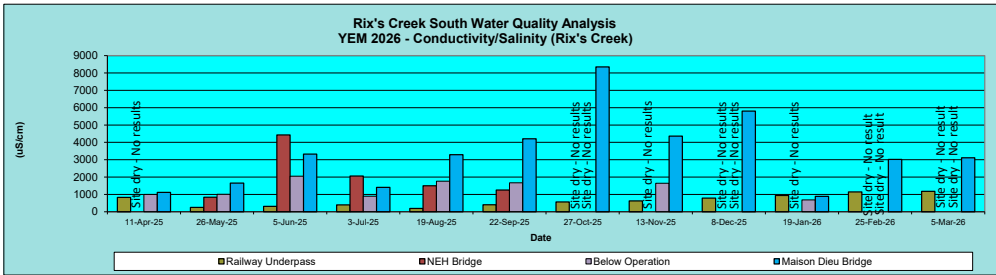
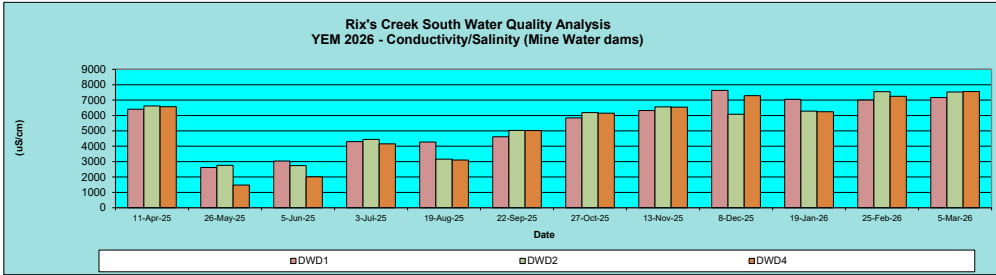
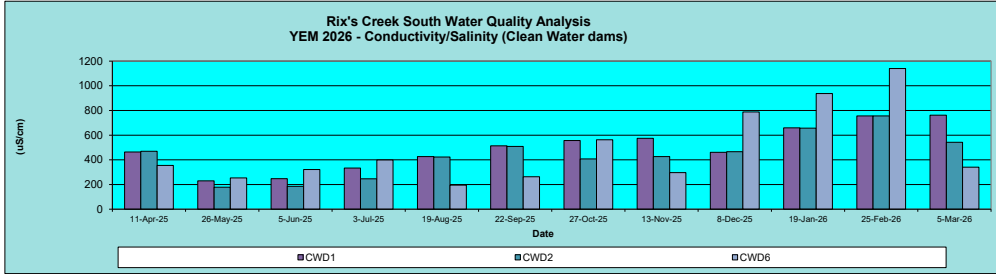
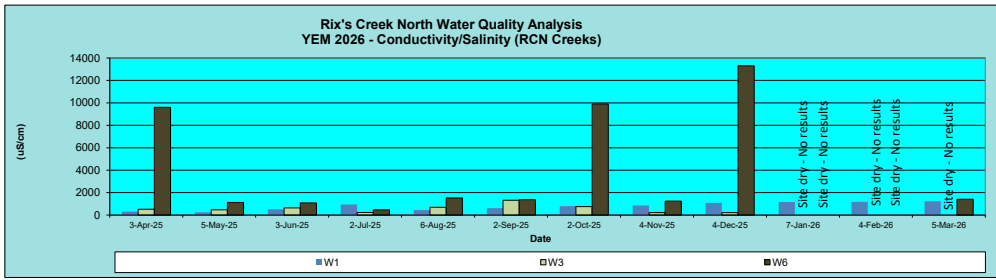
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Sampling Point	Monitoring Location	Pollutant	Unit	April Measurement	May Measurement	June Measurement	July Measurement	August Measurement	September Measurement	
1	Railway Underpass	pH	pH	7.9	7.1	7.1	7.7	7.3	8.0	
		Total suspended solids	mg/l	5	20	24	24	5	5	
		Total dissolved solids	mg/l	475	214	260	297	231	286	
		Conductivity	uS/cm	833	252	312	399	194	406	
2	NEH Bridge	pH	pH		7.4	7.8	7.7	7.5	7.6	
		Total suspended solids	mg/l		27	25	40	10	13	
		Total dissolved solids	mg/l		547	2840	1260	890	758	
		Conductivity	uS/cm		842	4430	2060	1500	1250	
10	Below Operation	pH	pH	8.7	7.8	7.9	8.0	8.3	8.2	
		Total suspended solids	mg/l	9	15	26	27	11	7	
		Total dissolved solids	mg/l	529	629	1140	542	981	906	
		Conductivity	uS/cm	1000	1010	2050	901	1760	1670	
3	Maison Dieu Bridge	pH	pH	7.3	7.2	7.2	7.6	7.4	7.3	
		Total suspended solids	mg/l	17	49	42	25	26	16	
		Total dissolved solids	mg/l	600	969	1990	788	1920	2520	
		Conductivity	uS/cm	1120	1650	3320	1410	3290	4210	
4	CWD1	pH	pH	7.1	6.8	6.9	6.9	7.0	7.2	
		Total suspended solids	mg/l	17	30	41	8	9	8	
		Total dissolved solids	mg/l	283	280	305	323	476	447	
		Conductivity	uS/cm	464	230	248	333	426	514	
5	CWD2	pH	pH	7.4	6.8	6.8	6.8	6.9	7.1	
		Total suspended solids	mg/l	5	25	34	30	9	9	
		Total dissolved solids	mg/l	255	242	284	297	472	438	
		Conductivity	uS/cm	469	178	186	246	423	509	
7	CWD6	pH	pH	8.4	7.0	7.2	7.7	7.2	7.3	
		Total suspended solids	mg/l	7	22	21	12	5	21	
		Total dissolved solids	mg/l	202	216	270	284	231	266	
		Conductivity	uS/cm	355	254	322	399	195	263	
8	DWD1	pH	pH	8.8	8.0	8.1	8.4	8.4	8.6	
		Total suspended solids	mg/l	11	16	14	5	5	6	
		Total dissolved solids	mg/l	4340	1560	1840	2670	2610	2810	
		Conductivity	uS/cm	6410	2620	3040	4300	4270	4620	
9	DWD2	pH	pH	8.5	8.2	8.3	8.6	8.5	8.9	
		Total suspended solids	mg/l	12	100	48	154	59	70	
		Total dissolved solids	mg/l	4310	1700	1650	2820	1930	3200	
		Conductivity	uS/cm	6620	2760	2740	4440	3160	5030	
6	DWD4	pH	pH	8.7	8.0	8.2	8.6	8.5	8.8	
		Total suspended solids	mg/l	25	32	16	14	16	14	
		Total dissolved solids	mg/l	4320	898	1180	2530	1800	3250	
		Conductivity	uS/cm	6570	1480	2010	4160	3100	5020	

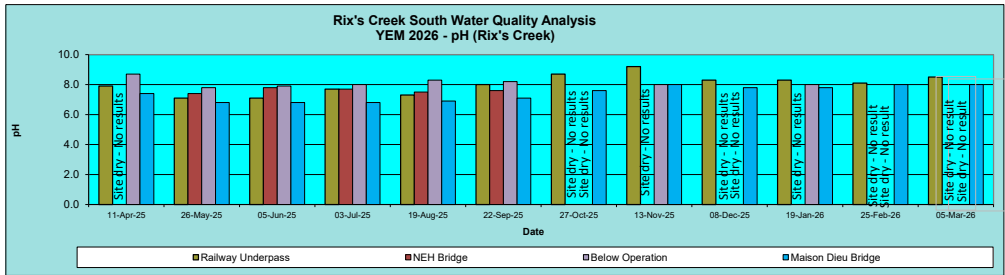
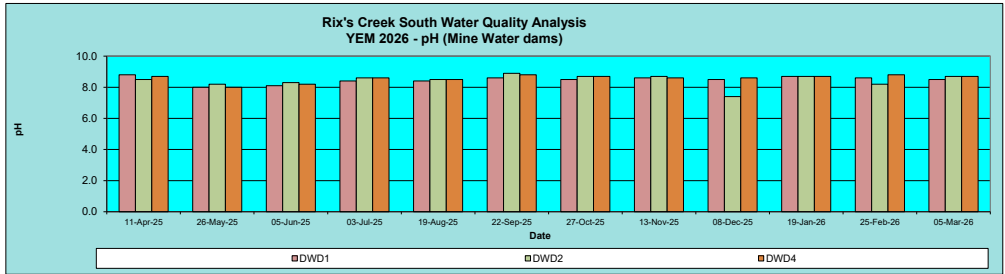
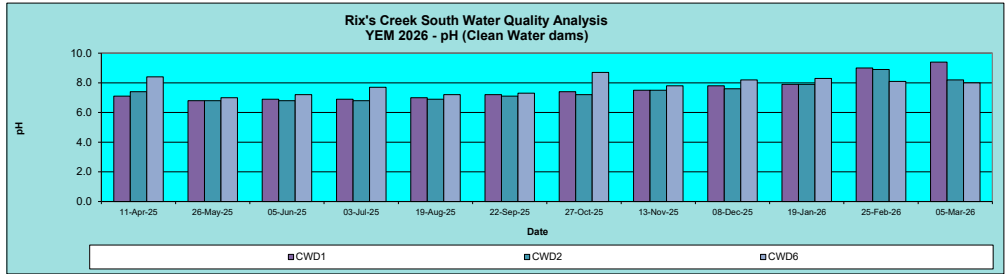
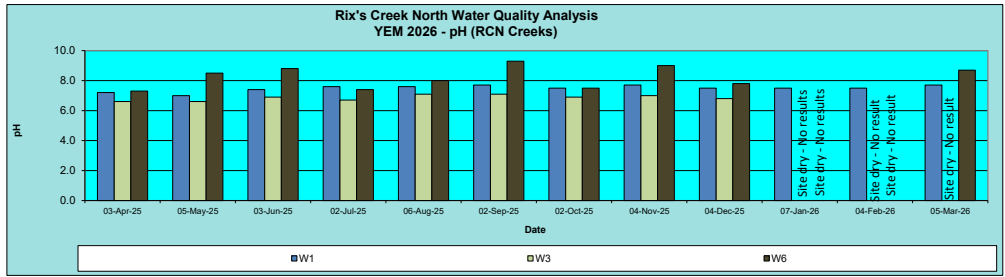
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Sampling Point	Monitoring Location	Pollutant	Unit	April Measurement	May Measurement	June Measurement	July Measurement	August Measurement	September Measurement	
11	W1	pH	pH	7.2	7.0	7.4	7.6	7.6	7.7	
		Total suspended solids	mg/l	10	15	10	10	21	9	
		Total dissolved solids	mg/l	295	238	424	630	368	396	
		Conductivity	uS/cm	310	243	508	936	444	611	
12	W3	pH	pH	7	6.6	6.9	6.7	7.1	7.1	
		Total suspended solids	mg/l	20	19	8	43	24	14	
		Total dissolved solids	mg/l	445	402	528	330	580	873	
		Conductivity	uS/cm	517	474	635	228	692	1320	
13	W6	pH	pH	7.3	8.5	8.8	7.4	8.0	9.3	
		Total suspended solids	mg/l	16	300	14	28	34	13	
		Total dissolved solids	mg/l	6220	696	734	420	1030	786	
		Conductivity	uS/cm	9600	1120	1080	471	1530	1380	

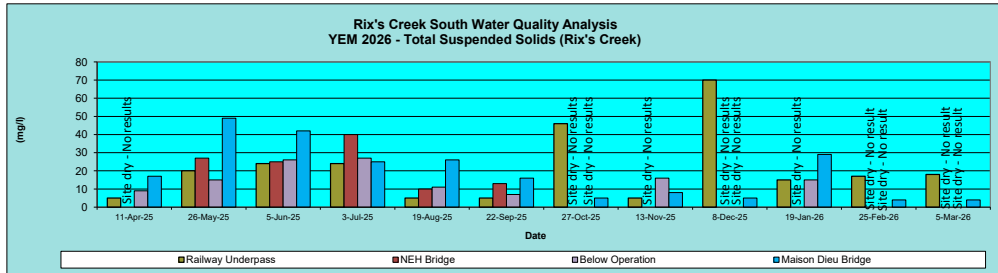
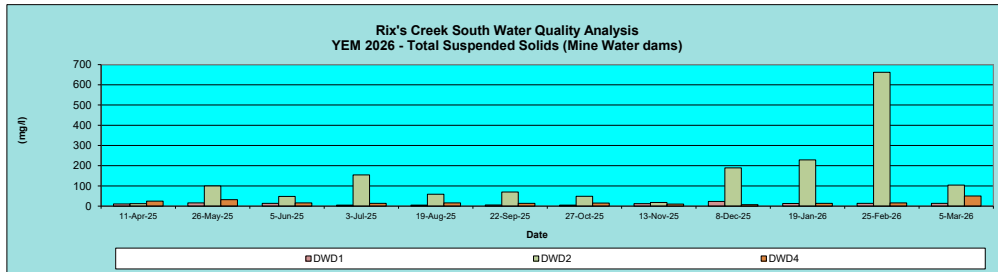
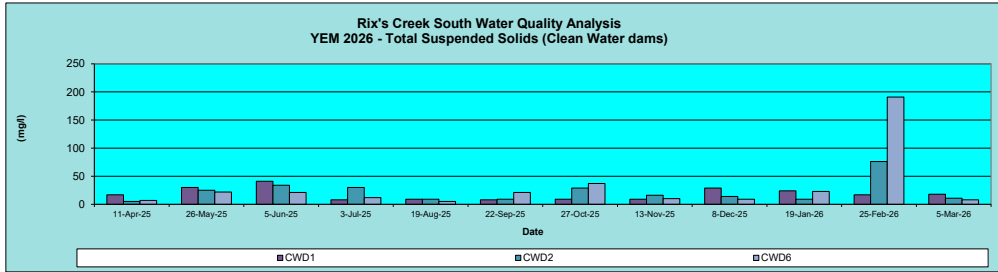
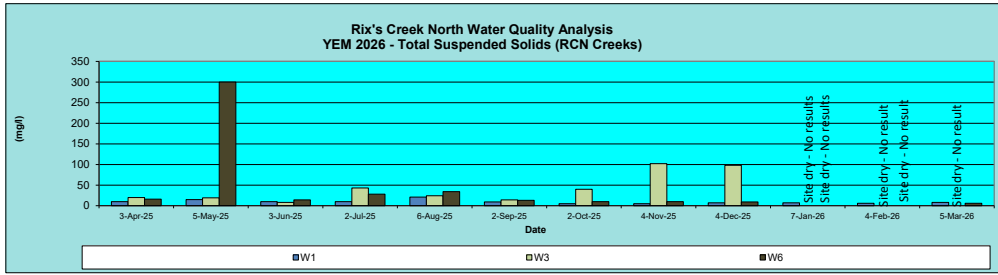
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Sampling Point	Monitoring Location	Pollutant	Unit	October Measurement	November Measurement	December Measurement	January Measurement	February Measurement	March Measurement
1	Railway Underpass	pH	pH	8.7	9.2	8.3	8.3	8.1	8.5
		Total suspended solids	mg/l	46	5	70	15	17	18
		Total dissolved solids	mg/l	318	459	429	536	638	665
		Conductivity	uS/cm	567	628	787	937	1140	1180
2	NEH Bridge	pH	pH						
		Total suspended solids	mg/l						
		Total dissolved solids	mg/l						
		Conductivity	uS/cm						
10	Below Operation	pH	pH		8.0		8		
		Total suspended solids	mg/l		16		15		
		Total dissolved solids	mg/l		969		447		
		Conductivity	uS/cm		1640		689		
3	Maison Dieu Bridge	pH	pH	7.6	8.0	7.8	7.8	8.0	8.0
		Total suspended solids	mg/l	5	8	5	29	4	4
		Total dissolved solids	mg/l	5240	2710	3310	558	1670	1720
		Conductivity	uS/cm	8350	4360	5800	887	3020	3110
4	CWD1	pH	pH	7.4	7.5	7.8	7.9	9.0	9.4
		Total suspended solids	mg/l	9	9	29	24	17	18
		Total dissolved solids	mg/l	402	464	423	408	442	448
		Conductivity	uS/cm	557	574	461	659	756	762
5	CWD2	pH	pH	7.2	7.5	7.6	7.9	8.9	8.2
		Total suspended solids	mg/l	29	16	14	9	76	11
		Total dissolved solids	mg/l	325	357	306	412	441	305
		Conductivity	uS/cm	407	427	466	657	756	542
7	CWD6	pH	pH	8.7	7.8	8.2	8.3	8.1	8.0
		Total suspended solids	mg/l	37	10	9	23	191	8
		Total dissolved solids	mg/l	317	310	422	534	630	277
		Conductivity	uS/cm	563	297	788	937	1140	341
8	DWD1	pH	pH	8.5	8.6	8.5	8.7	8.6	8.5
		Total suspended solids	mg/l	5	12	23	13	14	14
		Total dissolved solids	mg/l	3740	4230	4940	4640	4410	4690
		Conductivity	uS/cm	5840	6320	7630	7050	7000	7160
9	DWD2	pH	pH	8.7	8.7	7.4	8.7	8.2	8.7
		Total suspended solids	mg/l	49	18	189	229	662	104
		Total dissolved solids	mg/l	3980	4570	3810	4070	5070	5080
		Conductivity	uS/cm	6190	6560	6080	6280	7550	7530
6	DWD4	pH	pH	8.7	8.6	8.6	8.7	8.8	8.7
		Total suspended solids	mg/l	15	10	7	14	16	50
		Total dissolved solids	mg/l	3920	4550	4670	4070	4670	5090
		Conductivity	uS/cm	6150	6540	7290	6240	7250	7560

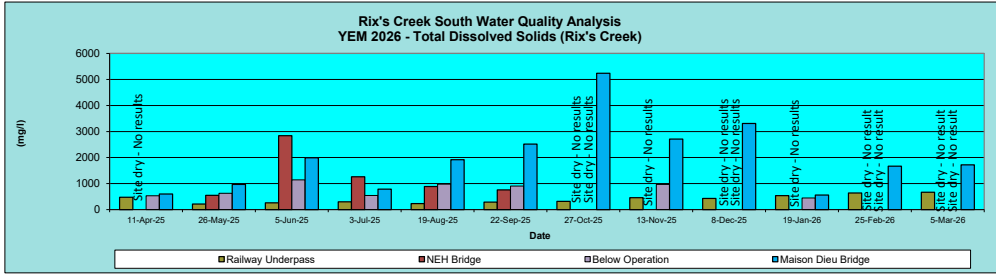
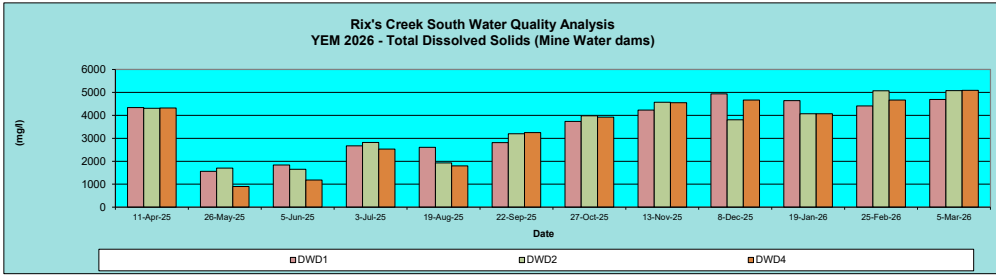
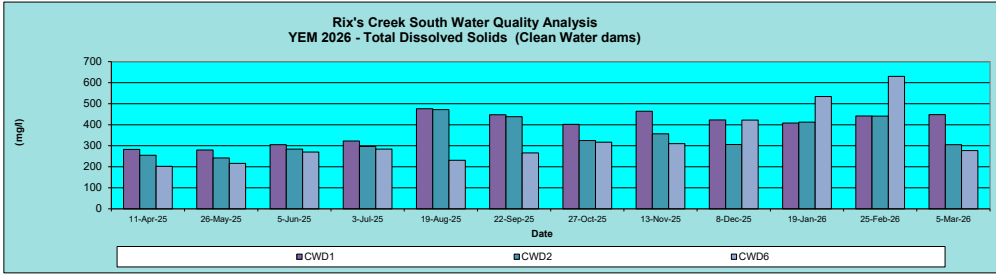
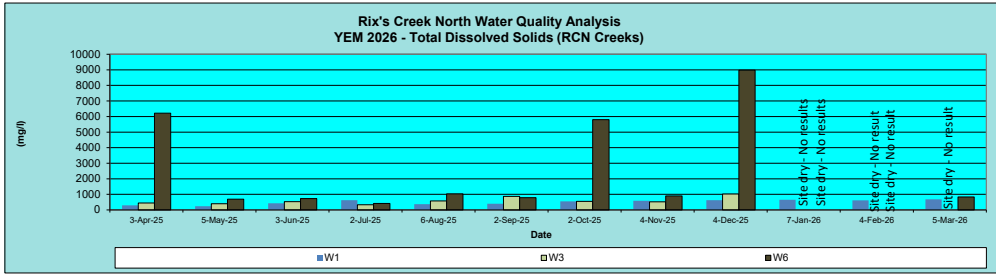
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Sampling Point	Monitoring Location	Pollutant	Unit	October Measurement	November Measurement	December Measurement	January Measurement	February Measurement	March Measurement
11	W1	pH	pH	7.5	7.7	7.5	7.5	7.5	7.7
		Total suspended solids	mg/l	5	5	7	7	6	8
		Total dissolved solids	mg/l	553	586	623	656	619	680
		Conductivity	uS/cm	791	855	1080	1160	1180	1230
12	W3	pH	pH	6.9	7	6.8			
		Total suspended solids	mg/l	40	102	98			
		Total dissolved solids	mg/l	550	519	1020			
		Conductivity	uS/cm	756	225	214			
13	W6	pH	pH	7.5	9.0	7.8			8.7
		Total suspended solids	mg/l	10	10	9			6
		Total dissolved solids	mg/l	5800	896	8980			834
		Conductivity	uS/cm	9910	1240	13300			1410

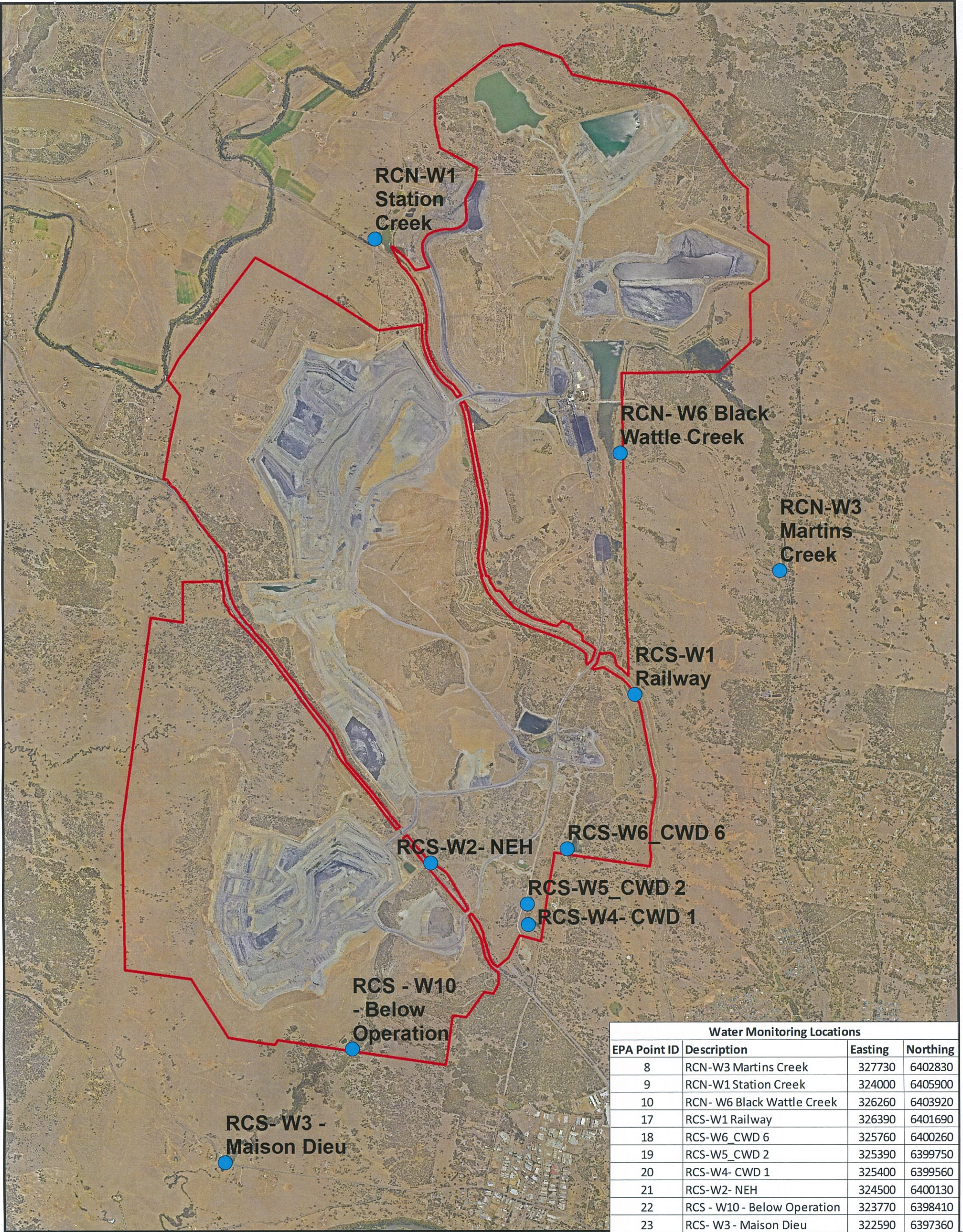
No Result
Site Dry











Water Monitoring Locations			
EPA Point ID	Description	Easting	Northing
8	RCN-W3 Martins Creek	327730	6402830
9	RCN-W1 Station Creek	324000	6405900
10	RCN- W6 Black Wattle Creek	326260	6403920
17	RCS-W1 Railway	326390	6401690
18	RCS-W6_CWD 6	325760	6400260
19	RCS-W5_CWD 2	325390	6399750
20	RCS-W4- CWD 1	325400	6399560
21	RCS-W2- NEH	324500	6400130
22	RCS - W10 - Below Operation	323770	6398410
23	RCS- W3 - Maison Dieu	322590	6397360

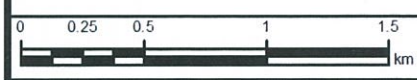


Legend

- EPL_Water_pointsb.csv Events
- EPL PREMISES BOUNDARY

T. R. Gentle 13/8/2020
 Timothy R Gentle
 Surveyor Registered under the
 Surveying and Spatial Information Act, 2002

**EPL 3391
 Surface Water
 Monitoring Sites**



WE CARE. WE DELIVER.
 Author: TRG
 Scale: 1:30,000
 Date: 13/08/2020
 File: EPL Water monit 2008