Report:

EPA Environmental Testing Points

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Document Title	EPA Environmental Testing report			
Document ID	**Version**	**Issue Date**	**Review Time**	**Review Date**
HGM-ENV-RPT-002	2	4 October 2025	-	-
HGM-ENV-RPT-003	2	27 July 2025	-	-
HGM-ENV-RPT-004	3	2 February 2026		
HGM-ENV-RPT-004	4	27 July 2026		

This report is reviewed fortnightly and updated when EPL point results become available.

This report includes active monitoring undertaken at Hillgrove Mines. Passive monitoring, including noise monitoring, is not included in this report where results may be affected by external sources.

Dust monitoring is undertaken monthly; however, results may be influenced by external sources. Dust monitoring has been included in this report where relevant.

In accordance with the EPA requirements for publishing pollution monitoring data, licence points identified as ambient data are not required to be published under Section 3.3.1; however, the data can be provided on request.

Date	Change	Compliance Status
12 February 2026	Update of all monitoring points	Water – Compliant Dust – Compliant
10 June 2026	Update of all monitoring points	Water – Compliant Dust – Compliant
17 September 2026	Update of monitoring points	Water – Compliant Dust – Compliant

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Points Not reported on Due to Being Dry

Quarterly Water points

- ELP point 1 – Hopeton Adit (QW-06) (Mar,Jun)
- ELP point 2 – Cosmopolitan Adit (QW-05) (Mar,Jun)
- EPL Point 4 -Golden Gate Mine (QW-06) (Mar,Jun)
- ELP Point 6 – Sunlight Adit (QW-01) (Mar,Jun)
- EPL Point 8 - Blacklode Adit (QW-10) (Mar,Jun)
- EPL Point 9 – Blacklode Adit (QW-11) (Mar)
- EPL Point 10 – Freehold Adit (No Access)
- EPL Point 11 – Smith Adit (No Access)
- EPL Point 30 – Upstream of Swamp Creek Confluence (QW-07) (Jun), (Sep)
- EPL Point 33 – Bore Hole 2 (Dry) (Mar,Jun, Sep)

Monthly Water Points

- MW06 was not sampled in March due to access.
- The April MW04 sample was invalid; therefore, the results are not included below.

Monthly Dust Comment

- June Dust could not be collected in HD07 due to no access to the property
  - Insufficient TIM residue was recoverable for metals analysis to proceed on samples EB2631291 – 001-011 for both July, August and September.

Quarterly Water Samples

Under section M2.3 are representative samples.

EPL Point 3 Eleanora Adit, Lv 9 / 1745 (QW-03)

Comment: Analyte values below detection limit assumed 50% of LDL in Mean calculation.

Pollutant	18-Mar-26	24-Jun-26	17-Sep-26	Unit of Measure	No. of Samples required by licence	No. of samples Collected
Antimony	1.63	1.56	1.70	mg/L	4	3
Arsenic	1.43	1.41	1.45	mg/L	4	3
Cadmium	<0.0001	<0.0001	<0.0001	mg/L	4	3
Chromium	<0.001	<0.001	<0.001	mg/L	4	3
Conductivity	2420	2360	2400	µS/cm	4	3
Copper	<0.001	<0.001	<0.001	mg/L	4	3
Lead	<0.001	<0.001	<0.001	mg/L	4	3
Mercury	<0.0001	<0.0001	<0.0001	mg/L	4	3
pH	8.36	8.28	8.26	pH Unit	4	3
Selenium	<0.004	<0.004	<0.004	mg/L	4	3
Total Suspended Solids	<5	<5	<5	mg/L	4	3
Zinc	<0.005	<0.005	<0.005	mg/L	4	3

EPL Point 5 Lower Cooney Tunnel Adit (QW-02)

Comment: Analyte values below detection limit assumed 50% of LDL in Mean calculation.

Pollutant	18-Mar-26	24-Jun-26	17-Sep-26	Unit of Measure	No. of Samples required by licence	No. of samples Collected
Antimony	0.085	13.6	0.777	mg/L	4.	3
Arsenic	0.172	0.234	0.197	mg/L	4.	3
Cadmium	<0.0001	<0.0001	<0.0001	mg/L	4.	3
Chromium	<0.001	<0.001	<0.001	mg/L	4.	3
Conductivity	616	2450	2400	µS/cm	4.	3

EPA Environmental Testing

Copper	0.001	0.002	<0.001	mg/L	4.	3
Lead	<0.001	<0.001	<0.001	mg/L	4.	3
Mercury	<0.0001	<0.0001	<0.0001	mg/L	4.	3
pH	8.26	8.05	8.38	pH Unit	4.	3
Selenium	<0.004	<0.004	<0.004	mg/L	4.	3
Total Suspended Solids	<5	<5	8	mg/L	4.	3
Zinc	<0.005	0.247	0.013	mg/L	4.	3

EPL Point 30 Upstream of Swamp Creek Confluence (QW-07)

Comment: Analyte values below detection limit assumed 50% of LDL in Mean calculation.

Pollutant	18-Mar-26	24-Jun-26 (dry)	17-Sep-26(dry)	Unit of Measure	No. of Samples required by licence	No. of samples Collected
Antimony	1.63			mg/L	4	1
Arsenic	1.43			mg/L	4	1
Cadmium	<0.0001			mg/L	4	1
Chromium	<0.001			mg/L	4	1
Conductivity	920			µS/cm	4	1
Copper	<0.001			mg/L	4	1
Lead	<0.001			mg/L	4	1
Mercury	<0.0001			mg/L	4	1
pH	8.36			pH Unit	4	1
Selenium	<0.004			mg/L	4	1
Total Suspended Solids	<5			mg/L	4	1
Zinc	<0.005			mg/L	4	1

EPL Point 3 Eleanora Adit, Lv 9 / 1745 (QW-08)

Comment: Analyte values below detection limit assumed 50% of LDL in Mean calculation.

Pollutant	18-Mar-26	24-Jun-26	16-Sep-26	Unit of Measure	No. of Samples required by licence	No. of samples Collected
Antimony	0.003	0.007	0.027	mg/L	4	3
Arsenic	0.006	0.002	0.002	mg/L	4	3
Cadmium	<0.0001	<0.0001	<0.0001	mg/L	4	3
Chromium	<0.001	<0.001	<0.001	mg/L	4	3
Conductivity	402	446	526	µS/cm	4	3
Copper	<0.001	<0.001	<0.001	mg/L	4	3
Lead	<0.001	<0.001	<0.001	mg/L	4	3
Mercury	<0.0001	<0.0001	<0.0001	mg/L	4	3
pH	8.29	7.86	8.17	pH Unit	4	3
Selenium	<0.004	<0.004	<0.004	mg/L	4	3
Total Suspended Solids	<5	<5	<5	mg/L	4	3
Zinc	<0.005	<0.005	<0.005	mg/L	4	3

EPL Point 9 Blackloade Adit, Lv 7 (QW-11)

Comment: Analyte values below detection limit assumed 50% of LDL in Mean calculation.

Pollutant	18-Mar-26 (Dry)	24-Jun-26	17-Sep-2026	Unit of Measure	No. of Samples required by licence	No. of samples Collected
Antimony		19.8	10.5	mg/L	4	2
Arsenic		1.58	0.822	mg/L	4	2
Cadmium		<0.0001	<0.0001	mg/L	4	2
Chromium		<0.001	<0.001	mg/L	4	2

EPA Environmental Testing

Conductivity	2100	2490	µS/cm	4	2
Copper	<0.001	<0.001	mg/L	4	2
Lead	<0.001	<0.001	mg/L	4	2
Mercury	<0.0001	<0.0001	mg/L	4	2
pH	7.86	8.06	pH Unit	4	2
Selenium	<0.004	<0.004	mg/L	4	2
Total Suspended Solids	<5	<5	mg/L	4	2
Zinc	0.006	0.006	mg/L	4	2

EPL point 1 Hopeton Adit (QW-06)

Comment: Analyte values below detection limit assumed 50% of LDL in Mean calculation.

Pollutant	18-Mar-26(Dry)	24-Jun-26(Dry)	17-Sep-26	Unit of Measure	No. of Samples required by licence	No. of samples Collected
Antimony			1.61	mg/L	4	1
Arsenic			1.44	mg/L	4	1
Cadmium			<0.0001	mg/L	4	1

EPA Environmental Testing

Chromium	<0.001	mg/L	4	1
Conductivity	868	µS/cm	4	1
Copper	<0.001	mg/L	4	1
Lead	<0.001	mg/L	4	1
Mercury	<0.0001	mg/L	4	1
pH	8.47	pH Unit	4	1
Selenium	<0.004	mg/L	4	1
Total Suspended Solids	566	mg/L	4	1
Zinc	17	mg/L	4	1

Monthly Dust

Under section M2.2 Hillgrove Mines is required to collect Representative Samples as this is passive sampling

EPL Point 12 12 300m NNE of plant (HD-01)

Comment: Analyte values below detection limit assumed 50% of LDL in Mean calculation.

Pollutant	5 Jan25	13 Feb26	13 Mar26	7 Apr27	18 May26	29 Jun26	21 July 26	20 Aug26	15 Sep26	No. of Samples required by licence	No. of samples Collected
Antimony	380	---	420	---	---	370	---	---	860	12.	9
Arsenic	90	---	110	---	---	120	---	---	300	12.	9
Lead	80	---	140	---	---	220	---	---	400	12.	9

Mercury	<5	---	<5	---	---	<5	---	---	<5	12.	9
Particulates - Deposited Matter	1.4	1.3	1.6	0.2	0.7	1.6	1.1	0.6	1.4	12.	9

EPL Point 13 NNE of plant (HD-02)

Comment: May 26 Glass in bottle unable to be tested Analyte values below detection limit assumed 50% of LDL in Mean calculation.

Pollutant	**5 Jan26**	**13 Feb26**	**13 Mar26**	**7 Apr26**	**13 May26**	**29Jun26**	**21July26**	**20 Aug26**	**15 Sep26**	**No. of Samples required by licence**	**No. of samples Collected**
Antimony	---	---	---	---	---	---	---	---	---	12.	9
Arsenic	---	---	---	---	---	---	---	---	----	12.	9
Lead	---	---	---	---	---	---	---	---	---	12.	9
Mercury	---	---	---	---	---	---	---	---	----	12.	9
Particulates - Deposited Matter	0.8	0.3	0.2	0.2	---	0.1	0.7	0.6	0.8	12.	9

EPL Point 14 NNE of plant (HD-03)

Comment: Analyte values below detection limit assumed 50% of LDL in Mean calculation.

Pollutant	**5 Jan25**	**13 Feb26**	**13 Mar26**	**7 Apr26**	**18 May26**	**29Jun26**	**22July26**	**20 Aug26**	**15 Sep26**	**No. of Samples required by licence**	**No. of samples Collected**
Antimony	---	---	---	---	---	---	---	---	---	12.	9
Arsenic	---	---	---	---	---	---	---	---	----	12.	9
Lead	---	---	---	---	---	---	---	---	---	12.	9
Mercury	---	---	---	---	---	---	---	---	---	12.	9
Particulates - Deposited Matter	1.	0.7	0.4	0.7	0.6	0.4	0.1	0.5	0.8	12.	9

EPL Point 15 NE of plant between Elenora Dam and Freshwater Dam (HD-04)

Comment: Analyte values below detection limit assumed 50% of LDL in mean calculation.

Pollutant	5 Jan25	13 Feb26	13 Mar26	7 Apr26	18 May26	29Jun 26	22Jul y26	20 Aug26	15 Sep26	No. of Samples required by licence	No. of samples Collected
Antimony	---	---	---	---	410	---	---	---	---	12.	9
Arsenic	---	---	---	---	200	---	---	---	---	12.	9
Lead	---	---	---	---	100	---	---	---	---	12.	9
Mercury	---	---	---	---	<5	---	---	---	---	12.	9
Particulates - Deposited Matter	0.4	0.3	0.2	0.1	1.2	0.4	0.1	0.1	0.1	12.	9

EPL Point 16 East of Plant and east of Eleanora Dam (HD-05)

Comment: Analyte values below detection limit assumed 50% of LDL in Mean calculation.

Pollutant	5 Jan25	13 Feb26	13 Mar26	7 Apr26	18 May26	29Jun 26	21Jul y26	20 Aug26	15 Sep26	No. of Samples required by licence	No. of samples Collected
Antimony	---	---	---	---	650	---	---	---	---	12.	9
Arsenic	---	---	---	---	350	---	---	---	---	12.	9
Lead	---	---	---	---	160	---	---	---	---	12.	9
Mercury	---	---	---	---	2.5	---	---	---	---	12.	9
Particulates - Deposited Matter	1	0.7	0.8	0.8	1.2	9.5	1	0.6	0.3	12.	9

EPL Point 18 West of Plant at Metz (HD-07)

Comment: Analyte values below detection limit assumed 50% of LDL in Mean calculation. Unable to collect **No Access- Jun**

EPA Environmental Testing

Pollutant	5 Jan25	13 Feb26	13 Mar26	7 Apr26	18 May26	29Jun 26	21Jul y26	24 Aug26	17 Sep26	No. of Samples required by licence	No. of samples Collected
Antimony	---	---	---	---	----	---	---	---	---	12.	8
Arsenic	---	---	---	---	---	---	---	---	---	12.	8
Lead	---	---	---	---	---	---	---	---	---	12.	8
Mercury	---	---	---	---	---	---	---	---	---	12.	8
Particulates - Deposited Matter	0.8	0.7	0.4	<0.1	0.4	---	0.5	0.2	0.4	12.	8

EPL Point 17 South of Plant (HD-06)

Comment: 16th Jan 2026 bottle was broken and smashed

Pollutant	5 Jan26	13 Feb26	13 Mar26	7 Apr26	18 May26	29Jun 26	21 July 26	21 Aug26	15 Sep26	No. of Samples required by licence	No. of samples Collected
Antimony	320.	940	---	---	---	---	---	---	--	12.	9
Arsenic	70.	250	---	---	---	---	---	---	---	12.	9
Lead	30.	110	---	---	---	---	---	---	---	12.	9
Mercury	2.5	<5	---	---	---	---	---	---	---	12.	9
Particulates - Deposited Matter	<5	0.9	3.5	0.5	0.5	0.5	0.1	0.1	0.6	12.	9

EPL Point 19 South of Hillgrove Village (HD-10)

Comment: Analyte values below detection limit assumed 50% of LDL in Mean calculation.

EPA Environmental Testing

Pollutant	5 Jan26	13 Feb26	13 Mar26	7 Apr26	18 May 26	29Jun 26	22 July 26	20 Aug26	15 Sep 26	No. of Samples required by licence	No. of samples Collected
Antimony	---	---	---	---	---	---	---	---	---	12.	9
Arsenic	---	---	---	---	---	---	---	---	---	12.	9
Lead	---	---	---	---	---	---	---	---	---	12.	9
Mercury	---	---	---	---	---	---	---	---	---	12.	9
Particulates - Deposited Matter	0.5	0.3	0.2	0.2	0.3	0.2	0.4	0.5	0.7	12.	9

EPL Point 20 North of Hillgrove Village (HD-11)

Comment: Analyte values below detection limit assumed 50% of LDL in Mean calculation.

Pollutant	16 Jan26	18 Feb26	18 Mar26	15 Apr26	13 May26	29Jun26	21 July 26	20 Aug26	15 Sep 26	No. of Samples required by licence	No. of samples Collected
Antimony	---	---	---	---	---	---	---	---	---	12.	9
Arsenic	---	---	---	---	---	---	---	---	---	12.	9
Lead	---	---	---	---	---	---	---	---	---	12.	9
Mercury	---	---	---	---	---	---	---	---	---	12.	9
Particulates - Deposited Matter	0.5	0.2	<0.1	0.2	<0.1	0.2	0.3	0.4	0.3	12.	9

EPL Point 21 North of Hillgrove Village (HD-12)

Comment: This Dust is contaminated with town activity as well. Analyte values below detection limit assumed 50% of LDL in Mean calculation.

Pollutant	16 Jan26	18 Feb26	18 Mar26	15 Apr26	13 May26	29Jun 26	22 July 26	20 Aug26	15 Sep 26	No. of Samples required by licence	No. of samples Collected
Antimony	---	---	10.	120.	---	---	---	---	---	12.	9
Arsenic	---	---	10.	40.	---	---	---	---	----	12.	9
Lead	---	---	10.	70.	---	---	---	---	---	12.	9
Mercury	---	---	2.5	2.5	---	---	---	---	---	12.	9
Particulates - Deposited Matter	0.4	<0.1	7.7	2.1	<0.1	0.1	0.2	0.2	0.2	12.	9

EPL Point 22 North of TSF2 (HD-13)

Comment: Analyte values below detection limit assumed 50% of LDL in Mean calculation.

Pollutant	16 Jan25	18 Feb25	18 Mar25	15 Apr25	13 May25	29 Jun26	21 July 26	20 Aug26	15 Sep 26	No. of Samples required by licence	No. of samples Collected
Antimony	---	50.	---	---	---	---	---	---	---	12.	9
Arsenic	---	70.	---	---	---	---	---	---	---	12.	9
Lead	---	430.	---	---	---	---	---	---	---	12.	9
Mercury	---	2.5	---	---	---	---	---	---	---	12.	9
Particulates - Deposited Matter	0.5	1.2	0.5	<0.1	0.5	<0.1	0.2	0.6	0.3	12.	9

Special Points

Under L2.3 no discharge to water is permitted unless the specified volume of runoff is exceeded.

EPL Point 23 Discharge from the Spillway of No.3 emergency storage (DW-1)

Comment: No discharge flows in reporting period

EPL Point 24 Discharge to TSF2, Slurry from discharge on tailings thickener (TSF2)

Comment: There is currently no discharge to the TSF2

Monthly Water Samples

EPL Point 25 Eleanora Dam (MW-01)

Comment: Analyte values below detection limit assumed 50% of LDL in Mean calculation.

Pollutant	08 Jan26	24 Feb26	16 Mar26	13 Apr26	14 May26	25 Jun26	20 July26	19 Aug26	17 Sep26	Unit of Measure	No. of Samples required by licence	No. of samples Collected
Ammonia	0.03	0.05	0.08	0.04	<0.01	0.05	0.03	0.07	0.04	mg/L	12	9
Antimony	5.30	5.89	4.86	5.27	5.17	4.90	5.10	3.92	6.56	mg/L	12	9
Arsenic	14.3	15.5	15.6	15.2	14.9	10.1	12.2	6.73	8.69	mg/L	12	9
Cadmium	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	mg/L	12	9
Chromium	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	mg/L	12	9

EPA Environmental Testing

Conductivity	10300	9700	10900	11000	11300	9780	9990	9850	9540	µS/cm	12	9
Copper	0.02	0.019	0.010	0.008	0.009	0.009	0.009	0.004	0.005	mg/L	12	9
Cyande (free)	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004			
Cyanide (total)	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	mg/L	12	9
Cyanide (weak acid dissociable)	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004			
Lead	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	mg/L	12	9
Mercury	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	mg/L	12	9
Nitrogen (total)	2.2	2.1	2.3	2.8	2.8	2.6	2.4	3.8	3.8	mg/L	12	9
pH	8.32	8.35	8.34	8.27	8.46	8.46	8.64	8.77	8.55	pH Unit	12	9
Selenium	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	mg/L	12	9
Total Dissolved Solids	9610	9680	10700	10800	10900	9330	9420	9330	9980	mg/L	12	9
Total Suspended Solids	<5	8	6	7	18	16	22	36	20	mg/L	12	9
Zinc	0.024	0.033	0.011	0.011	0.005	<0.005	<0.005	<0.005	<0.005	mg/L	12	0

EPL Point 26 3rd Emergency Storage (MW-02)

Comment: Analyte values below detection limit assumed 50% of LDL in Mean calculation.

Pollutant	08 Jan26	24 Feb26	16 Mar26	13 Apr26	14 May26	25 Jun26	20 July26	19 Aug26	17 Sep26	Unit of Measure	No. of Samples required by licence	No. of samples Collected
Ammonia	0.08	0.04	0.07	0.02	<0.01	0.30	0.01	0.02	0.01	mg/L	12	9
Antimony	0.521	0.619	0.708	0.453	0.416	0.498	0.521	1.06	1.69	mg/L	12	9
Arsenic	3.66	3.32	2.61	2.06	1.20	0.800	0.465	0.211	0.324	mg/L	12	9
Cadmium	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	mg/L	12	9
Chromium	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	mg/L	12	9
Conductivity	1310	1360	1970	2070	1870	2250	2740	2620	2900	µS/cm	12	9
Copper	0.003	0.003	0.003	0.002	0.001	<0.001	<0.001	<0.001	0.003	mg/L	12	9
Cyande (free)	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004			9
Cyanide (total)	<0.004	<0.004	<0.004	<0.004	<0.004	0.023	0.011	0.009	<0.004	mg/L	12	9
Cyanide (weak acid dissociable)	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004			
Lead	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	mg/L	12	9
Mercury	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	mg/L	12	9
Nitrogen (total)	1	0.7	0.9	1.1	0.5	1.1	0.6	0.3	0.8	mg/L	12	9
pH	8.18	8.19	8.16	8.09	8.10	7.38	7.52	7.67	7.74	pH Unit	12	9

Selenium	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	mg/L	12	9
Total Dissolved Solids	959	1140	1570	1680	1430	1770	2050	2620	2590	mg/L	12	9
Total Suspended Solids	<5	<5	8	<5	5	38	13	6	<5	mg/L	12	9
Zinc	0.006	0.019	0.010	0.010	<0.005	0.029	0.040	0.089	0.243	mg/L	12	9

EPL Point 27 Upper Bakers Creek (MW-03)

Comment: Analyte values below detection limit assumed 50% of LDL in Mean calculation.

Pollutant	08 Jan26	24 Feb26	16 Mar26	13 Apr26	14 May26	25 Jun26	20 July26	19 Aug26	17 Sep26	Unit of Measure	No. of Samples required by licence	No. of samples Collected
Ammonia	0.01	0.24	0.20	0.03	<0.01	0.03	0.01	0.03	0.04	mg/L	12	9
Antimony	0.006	0.007	0.005	0.005	0.004	0.013	0.004	0.004	0.006	mg/L	12	9
Arsenic	0.011	0.009	0.014	0.018	0.006	0.002	<0.001	<0.001	0.003	mg/L	12	9
Cadmium	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	mg/L	12	9
Chromium	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	mg/L	12	9
Conductivity	726	717	885	968	905	1070	984	746	901	µS/cm	12	9
Copper	0.002	0.001	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	mg/L	12	9
Cyanide (total)	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	mg/L	12	9
Lead	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	mg/L	12	9
Mercury	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	mg/L	12	9
Nitrogen (total)	1.1	0.5	0.9	0.6	0.6	0.3	0.4	0.6	0.5	mg/L	12	9

EPA Environmental Testing

pH	8.22	8.46	8.38	8.16	8.25	7.03	7.15	7.70	7.89	pH Unit	12	9
Selenium	<0.01	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	mg/L	12	9
Total Dissolved Solids	384	496	530	614	530	707	580	828	502	mg/L	12	9
Total Suspended Solids	8	<5	8	<5	<5	<5	6	7	<5	mg/L	12	9
Zinc	<0.005	0.011	0.006	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	mg/L	12	9

EPL Point 28 Downstream Bakers Ck (MW-04)

Comment: Analyte values below detection limit assumed 50% of LDL in Mean calculation.

Pollutant	08 Jan26	25 Feb26	18 Mar26	15 Apr25	14 May25	24 Jun26	22 Jul25	20 Aug-25	16 Sep26	Unit of Measure	No. of Samples required by licence	No. of samples Collected
Ammonia	0.1	0.05	<0.01		<0.01	<0.01	<0.01	0.11	<0.01	mg/L	12	8
Antimony	0.608	0.129	0.220		0.091	0.628	0.789	0.793	0.799	mg/L	12	8
Arsenic	0.291	0.057	0.036		0.039	0.027	0.024	0.016	0.011	mg/L	12	8
Cadmium	<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	mg/L	12	8
Chromium	<0.001	<0.001	<0.001		<0.001	0.003	<0.001	<0.001	<0.001	mg/L	12	8
Conductivity	902	1100	885		930	1030	1110	1030	1060	µS/cm	12	8
Copper	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	0.001	mg/L	12	8
Cyanide (total)	<0.004	<0.004	<0.004		<0.004	---	<0.004	<0.004	<0.004	mg/L	12	8
Lead	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	mg/L	12	8
Mercury	<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	mg/L	12	8
Nitrogen (total)	0.05	0.4	0.4		0.3	0.2	0.2	0.3	0.1	mg/L	12	8

pH	8.26	8.26	7.69	8.16	7.58	7.93	7.94	8.20	mg/L	12	8
Selenium	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	mg/L	12	8
Total Dissolved Solids	683	895	617	637	774	708	1020	839	pH Unit	12	8
Total Suspended Solids	15	<5	<5	<5	<5	<5	<5	<5	mg/L	12	8
Zinc	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	mg/L	12	8

EPL Point 29 Point in Creek downstream of TSF1 (MW-05)

Comment: Analyte values below detection limit assumed 50% of LDL in Mean calculation.

Pollutant	14 Jan26	24 Feb26	18 Mar26	13 Apr26	13 May26	25 Jun26	22 July26	20 Aug26	17 Sep26	Unit of Measure	No. of Samples required by licence	No. of samples Collected
Antimony	0.393	0.671	0.427	0.487	0.284	0.181	0.224	0.239	0.258	mg/L	12	9
Arsenic	3.92	5.11	3.67	1.74	5.76	2.71	4.74	10.4	11.4	mg/L	12	9
Conductivity	4620	4550	4960	4690	4330	4580	4600	4280	4680	µS/cm	12	9
Cyanide (free)	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	mg/L	12	9
Cyanide (total)	0.01	0.022	0.013	0.011	0.011	0.010	0.011	0.007	0.010	mg/L	12	9
Cyanide (weak acid dissociable)	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	mg/L	12	9
pH	7.95	8.19	8.01	7.79	7.87	7.78	7.57	7.68	7.85	pH Unit	12	9

EPL Point 06 Lower Cooney Road (MW-06)

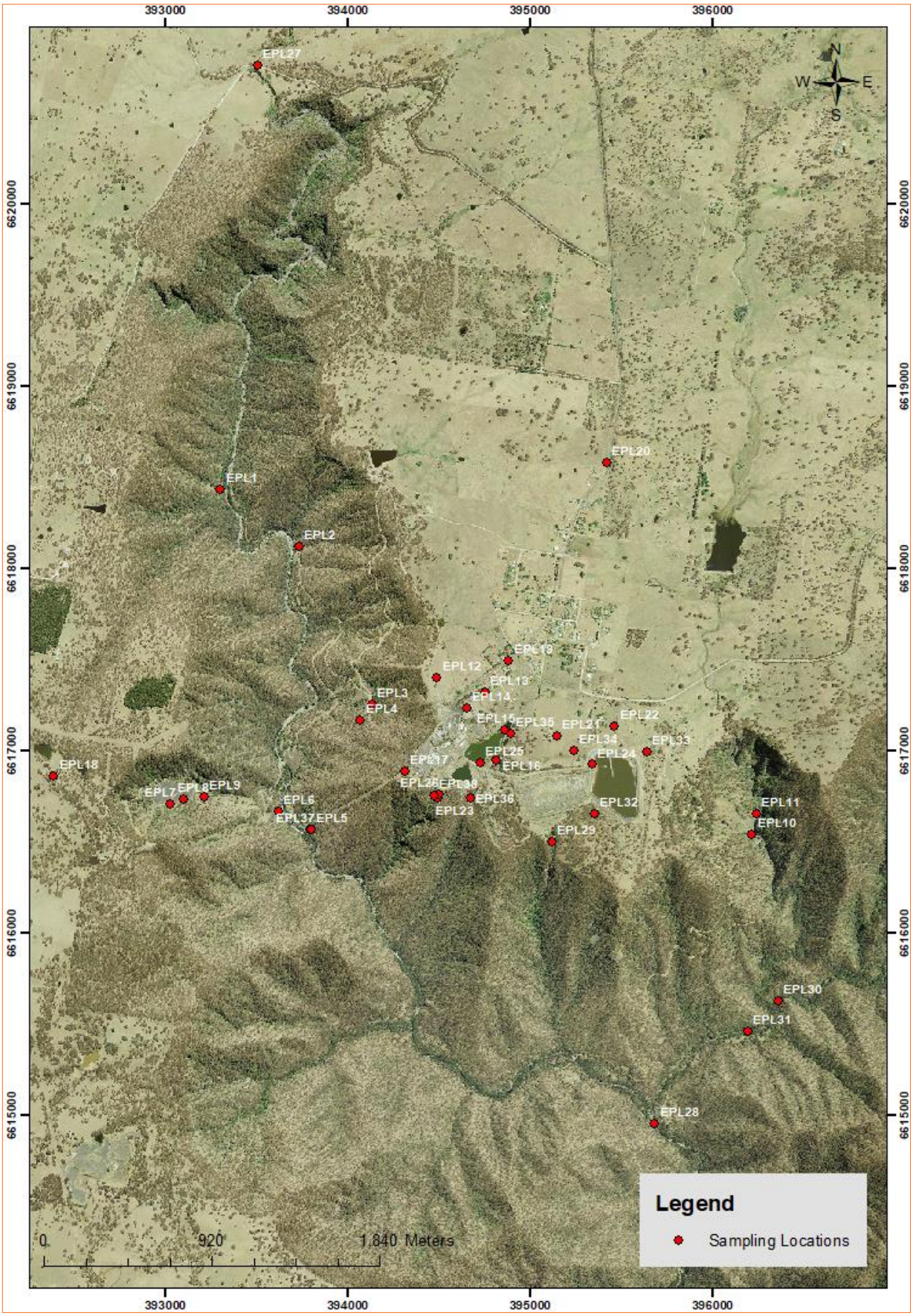
Comment: Analyte values below detection limit assumed 50% of LDL in Mean calculation.

EPA Environmental Testing

Pollutant	08 Jan26	24 Feb26	18 Mar26	13 Apr26	14 May26	24 Jun26	22 Jun26	20 Aug26	17 Sep26	Unit of Measure	No. of Samples required by licence	No. of samples Collected
Ammonia	--	--		--	--	--	--	--	---	mg/L	12	8
Antimony	0.608	0.841		0.594	0.852	1.29	1.21	0.730	0.909	mg/L	12	8
Arsenic	0.296	0.163		0.240	0.098	0.088	0.085	0.123	0.102	mg/L	12	8
Cadmium	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	mg/L	12	8
Chromium	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	mg/L	12	8
Conductivity	904	1020		1130	1190	1100	1240	1240	812	µS/cm	12	8
Copper	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	mg/L	12	8
Cyanide (total)	---	--		--	---	--	--	---	---	mg/L	12	8
Lead	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	mg/L	12	8
Mercury	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	mg/L	12	8
Nitrogen (total)	---	--		---	---	---	---	--	---	mg/L	12	8
pH	8.27	8.16		8.12	8.20	8.12	8.18	8.13	8.22	pH Unit	12	8
Selenium	<0.004	<0.004		<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	mg/L	12	8
Total Dissolved Solids	698	856		923	898	820	836	1200	557	mg/L	12	8
Total Suspended Solids	<5	<5		<5	<5	<5	<5	<5	<5	mg/L	12	8
Zinc	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	mg/L	12	8

RO Permeate Results

RO plant came back into commission on the 25th of March 2025, During April the RO had to undergo more maintenance. The RO has not been running since 19th November 2025.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Legend
Sampling Locations
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920
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