Vales Point Power Station Monthly Environmental Data Summary

LICENCE NO	761	http://www.epa.nsw.gov.au/prpoeoapp/
LICENCE HOLDER	DELTA POWER & ENERGY (VALES POINT) PTY LTD	
REPORTING PERIOD	January 2026	
ADDRESS	VALES ROAD, MANNERING PARK NSW	

Compliance Summary

Were all licence monitoring limits complied with this month? **No**

Details of any licence monitoring limit not complied with this month if applicable:

EPL Point	Air/Water/Noise/Other	Pollutant	Value Measured	Licence Limit	Date	Comments
EPA 23	Water	TSS	200 mg/L	50 mg/L	8/01/2026	The EPA has been notified of the concentration limit exceedance in accordance with condition R4.1 of Environment Protection Licence 761.

Monitoring Locations

The location of Environment Protection Licence monitoring points within the Vales Point Power Station premises can be found at https://www.deltapae.com.au/operations/vales-point-power-station/environmental-licences-and-monitoring . Click the heading "Vales Point Licence Point Locations" to open the pdf document.

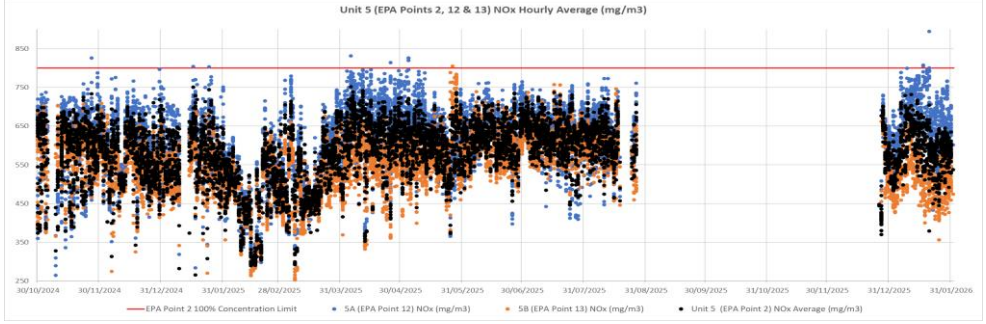
Comments

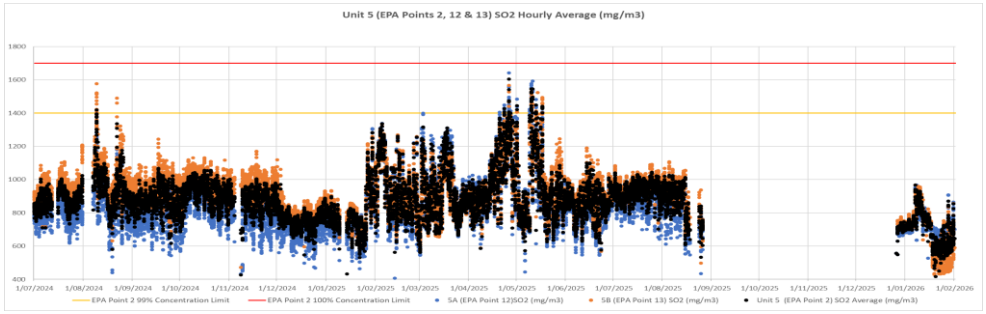
It is noted that elevated particulate matter results were recorded across the region as a result of recent bushfire activity on the days that exceedances of the PM2.5 standard were recorded at Wyee and Mannering Park in December and January.

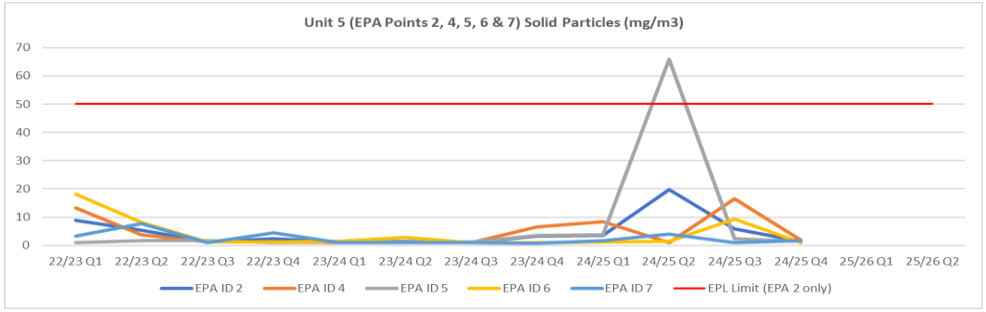
POINT 2 **Combined air emissions from boiler 5 via Points 4 to 7 to Point 1 marked and shown as EPA ID 2 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).**

Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceed 100% Limit (yes/no)	Comments
Jan-26	Cadmium	(mg/m3)	Every 6 months							0.03	No	
Jan-26	Chlorine	(mg/m3)	Every 6 months							4	No	
Jan-26	Fluorine	(mg/m3)	Every 6 months							30	No	
Jan-26	Hydrogen chloride	(mg/m3)	Every 6 months							50	No	
Jan-26	Mercury	(mg/m3)	Every 6 months							0.03	No	
Jan-26	Nitrogen Oxides	(mg/m3)	Continuous	96.0%	Jan-26	379	591	732		800	No	
Jan-26	Solid Particles	(mg/m3)	Quarterly							50	No	
Jan-26	Sulfur dioxide	(mg/m3)	Continuous	97.5%	Jan-26	417	702	966	1400	1700	No	
Jan-26	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months							100	No	
Jan-26	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months							0.6	No	
Jan-26	VOC's as n-propane equivalent	(mg/m3)	Every 6 months							8	No	

The 100% Concentration limits in the below graphs apply to EPA Point 2 only. EPA Point 2 is the combined emissions from EPA Points 12 & 13 for NOx and SO2 and EPA Points 4, 5, 6 & 7 for Particulates.

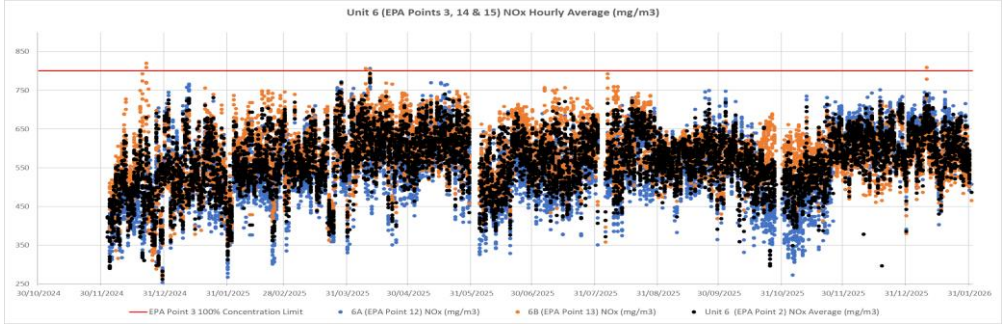


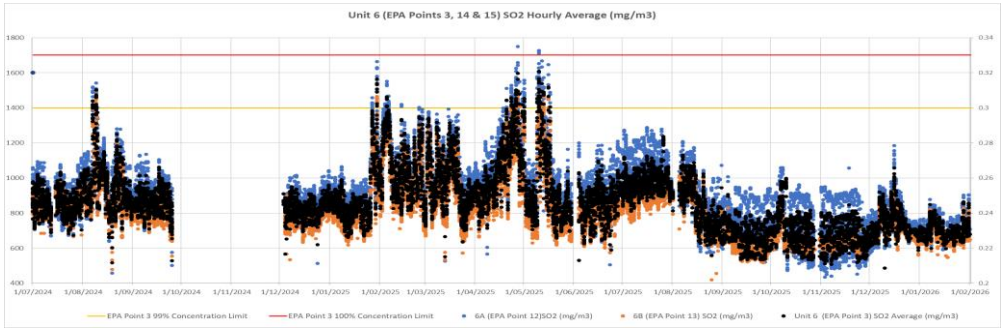


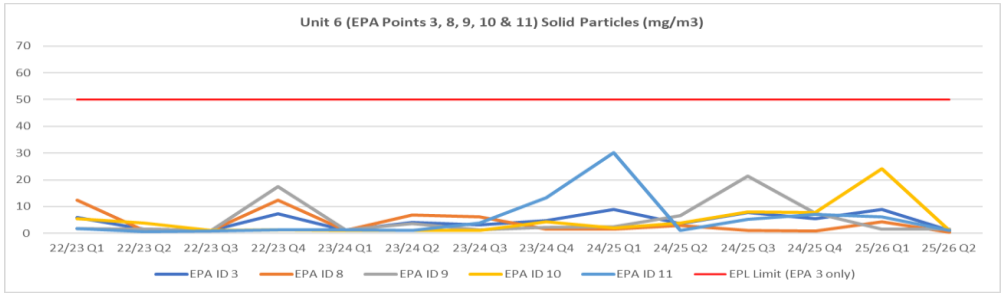


POINT 3	Combined air emissions from boiler 6 via Points 8 to 11 to Point 1 marked and shown as EPA ID 3 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).											
Month	**Pollutant**	**Unit of Measure**	**Sample/Measurement Frequency**	**Samples Collected & Analysed**	**Date Sampled**	**Lowest Sample Value**	**Mean of Samples**	**Highest Sample Value**	**99 Percentile Concentration Limit**	**100 Percentile Concentration Limit**	**Exceed 100% Limit (yes/no)**	**Comments**
Jan-26	Cadmium	(mg/m3)	Every 6 months							**0.03**	**No**	
Jan-26	Chlorine	(mg/m3)	Every 6 months							**4**	**No**	
Jan-26	Fluorine	(mg/m3)	Every 6 months							**30**	**No**	
Jan-26	Hydrogen chloride	(mg/m3)	Every 6 months							**50**	**No**	
Jan-26	Mercury	(mg/m3)	Every 6 months							**0.03**	**No**	
Jan-26	Nitrogen Oxides	(mg/m3)	Continuous	97.6%	Jan-26	431	606	739		**800**	**No**	
Jan-26	Solid Particles	(mg/m3)	Quarterly							**50**	**No**	
Jan-26	Sulfur dioxide	(mg/m3)	Continuous	97.6%	Jan-26	597	703	930	**1400**	**1700**	**No**	
Jan-26	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months							**100**	**No**	
Jan-26	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months							**0.6**	**No**	
Jan-26	VOC's as n-propane equivalent	(mg/m3)	Every 6 months							**8**	**No**	

The 100% Concentration limits in the below graphs apply to EPA Point 3 only. EPA Point 3 is the combined Emissions from EPA Points 14 & 15 for NOx and SO2 and EPA Points 8, 9, 10 & 11 for Particulates.







POINT 4 **Boiler number 5 exhaust - duct A marked and shown as EPA ID 4 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).**

Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jan-26	Cadmium	(mg/m3)	Every 6 months								N/A	
Jan-26	Carbon dioxide	(%)	Every 6 months								N/A	
Jan-26	Chlorine	(mg/m3)	Every 6 months								N/A	
Jan-26	Fluorine	(mg/m3)	Every 6 months								N/A	
Jan-26	Hydrogen chloride	(mg/m3)	Every 6 months								N/A	
Jan-26	Mercury	(mg/m3)	Every 6 months								N/A	
Jan-26	Solid Particles	(mg/m3)	Quarterly								N/A	
Jan-26	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months								N/A	
Jan-26	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A	
Jan-26	VOC's as n-propane equivalent	(mg/m3)	Every 6 months								N/A	

POINT 5 **Boiler number 5 exhaust - duct B marked and shown as EPA ID 5 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).**

Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jan-26	Cadmium	(mg/m3)	Every 6 months								N/A	
Jan-26	Mercury	(mg/m3)	Every 6 months								N/A	
Jan-26	Solid Particles	(mg/m3)	Quarterly								N/A	
Jan-26	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A	

POINT 6 **Boiler number 5 exhaust - duct C marked and shown as EPA ID 6 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).**

Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jan-26	Cadmium	(mg/m3)	Every 6 months								N/A	
Jan-26	Carbon dioxide	(%)	Every 6 months								N/A	
Jan-26	Chlorine	(mg/m3)	Every 6 months								N/A	
Jan-26	Fluorine	(mg/m3)	Every 6 months								N/A	
Jan-26	Hydrogen chloride	(mg/m3)	Every 6 months								N/A	
Jan-26	Mercury	(mg/m3)	Every 6 months								N/A	
Jan-26	Solid Particles	(mg/m3)	Quarterly								N/A	
Jan-26	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months								N/A	
Jan-26	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A	
Jan-26	VOC's as n-propane equivalent	(mg/m3)	Every 6 months								N/A	

POINT 7 **Boiler number 5 exhaust - duct D marked and shown as EPA ID 7 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).**

Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jan-26	Cadmium	(mg/m3)	Every 6 months								N/A	
Jan-26	Mercury	(mg/m3)	Every 6 months								N/A	
Jan-26	Solid Particles	(mg/m3)	Quarterly								N/A	
Jan-26	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A	

POINT 8 **Boiler number 6 exhaust - duct A marked and shown as EPA ID 8 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).**

Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jan-26	Cadmium	(mg/m3)	Every 6 months								N/A	
Jan-26	Carbon dioxide	(%)	Every 6 months								N/A	
Jan-26	Chlorine	(mg/m3)	Every 6 months								N/A	
Jan-26	Fluorine	(mg/m3)	Every 6 months								N/A	
Jan-26	Hydrogen chloride	(mg/m3)	Every 6 months								N/A	
Jan-26	Mercury	(mg/m3)	Every 6 months								N/A	
Jan-26	Solid Particles	(mg/m3)	Quarterly								N/A	
Jan-26	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months								N/A	
Jan-26	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A	
Jan-26	VOC's as n-propane equivalent	(mg/m3)	Every 6 months								N/A	

POINT 9 **Boiler number 6 exhaust - duct B marked and shown as EPA ID 9 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).**

Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jan-26	Cadmium	(mg/m3)	Every 6 months								N/A	
Jan-26	Mercury	(mg/m3)	Every 6 months								N/A	
Jan-26	Solid Particles	(mg/m3)	Quarterly								N/A	
Jan-26	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A	

POINT 10 **Boiler number 6 exhaust - duct C marked and shown as EPA ID 10 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).**

Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jan-26	Cadmium	(mg/m3)	Every 6 months								N/A	
Jan-26	Carbon dioxide	(%)	Every 6 months								N/A	
Jan-26	Chlorine	(mg/m3)	Every 6 months								N/A	
Jan-26	Fluorine	(mg/m3)	Every 6 months								N/A	
Jan-26	Hydrogen chloride	(mg/m3)	Every 6 months								N/A	
Jan-26	Mercury	(mg/m3)	Every 6 months								N/A	
Jan-26	Solid Particles	(mg/m3)	Quarterly								N/A	
Jan-26	Sulfuric acid mist and sulfur trioxide (as SO3)	(mg/m3)	Every 6 months								N/A	
Jan-26	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A	
Jan-26	VOC's as n-propane equivalent	(mg/m3)	Every 6 months								N/A	

POINT 11 **Boiler number 6 exhaust - duct D marked and shown as EPA ID 11 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).**

Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jan-26	Cadmium	(mg/m3)	Every 6 months								N/A	
Jan-26	Mercury	(mg/m3)	Every 6 months								N/A	
Jan-26	Solid Particles	(mg/m3)	Quarterly								N/A	
Jan-26	Type 1 and Type 2 substances in aggregate	(mg/m3)	Every 6 months								N/A	

POINT 12 **Boiler number 5 combined exhaust - duct A and B (points 4 and 5) marked and shown as EPA ID 12 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).**

Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jan-26	Nitrogen Oxides	(mg/m3)	Continuous	94.5%	Jan-26	228	660	895			N/A	
Jan-26	Sulfur dioxide	(mg/m3)	Continuous	97.4%	Jan-26	344	724	967			N/A	

POINT 13 **Boiler number 5 combined exhaust - duct C and D (points 6 and 7) marked and shownas EPA ID 13 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).**

Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jan-26	Nitrogen Oxides	(mg/m3)	Continuous	97.6%	Jan-26	356	522	729			N/A	
Jan-26	Sulfur dioxide	(mg/m3)	Continuous	97.6%	Jan-26	428	680	966			N/A	

POINT 14 **Boiler number 6 combined exhaust - duct A and B (points 8 and 9) marked and shownas EPA ID 14 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).**

Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jan-26	Nitrogen Oxides	(mg/m3)	Continuous	96.6%	Jan-26	403	621	745			N/A	
Jan-26	Sulfur dioxide	(mg/m3)	Continuous	96.6%	Jan-26	591	736	983			N/A	

POINT 15 **Boiler number 6 combined exhaust - duct C and D (points 10 and 11) marked and shownas EPA ID 12 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).**

Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jan-26	Nitrogen Oxides	(mg/m3)	Continuous	98.5%	Jan-26	442	590	809			N/A	
Jan-26	Sulfur dioxide	(mg/m3)	Continuous	98.5%	Jan-26	547	670	876			N/A	

POINT 22 **Discharge of cooling water from the cooling water outlet canal to Wyee Bay marked and shown as EPA ID 22 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).**

Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	98.5 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceed 100% Limit (yes/no)	Comments
Jan-26	Chlorine (free residual)	(mg/L)	Monthly during discharge	1	8/01/2026	0	0	0		**0.2**	**No**	
Jan-26	Copper	(mg/L)	Monthly during discharge	1	8/01/2026	0.005	0.005	0.005		**0.005**	**No**	
Jan-26	Iron	(mg/L)	Monthly during discharge	1	8/01/2026	0.08	0.08	0.08		**0.3**	**No**	
Jan-26	Oil and Grease	Visible	Continuous during discharge	100%	Jan-26	NIL	NIL	NIL				
Jan-26	Selenium	(mg/L)	Monthly during discharge	1	8/01/2026	0.002	0.002	0.002		**0.005**	**No**	
Jan-26	Temperature	(°C)	Continuous during discharge	100%	Jan-26	28.4	31.5	36.1	**35**	**37.5**	**No**	

POINT 23 **Discharge of supernatant water from the ash dam to the cooling water outlet canal to Wyee Bay marked and shown as EPA ID 23 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).**

Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jan-26	Aluminium	(mg/L)	Monthly during discharge	1	8/01/2026	0.07	0.07	0.07				
Jan-26	Ammonia	(mg/L)	Monthly during discharge	1	8/01/2026	0.052	0.052	0.052				
Jan-26	Arsenic (III)	(mg/L)	Monthly during discharge	1	8/01/2026	<0.001	<0.001	<0.001				
Jan-26	Arsenic (V)	(mg/L)	Monthly during discharge	1	8/01/2026	0.007	0.007	0.007				
Jan-26	Cadmium	(mg/L)	Monthly during discharge	1	8/01/2026	<0.0001	<0.0001	<0.0001				
Jan-26	Chromium (trivalent)	(mg/L)	Monthly during discharge	1	8/01/2026	0.010	0.010	0.010				
Jan-26	Chromium (VI) Compounds	(mg/L)	Monthly during discharge	1	8/01/2026	0.03	0.03	0.03				
Jan-26	Copper	(mg/L)	Monthly during discharge	1	8/01/2026	0.002	0.002	0.002				
Jan-26	Iron	(mg/L)	Monthly during discharge	1	8/01/2026	0.16	0.16	0.16				
Jan-26	Lead	(mg/L)	Monthly during discharge	1	8/01/2026	0.001	0.001	0.001				
Jan-26	Manganese	(mg/L)	Monthly during discharge	1	8/01/2026	0.008	0.008	0.008				
Jan-26	Nickel	(mg/L)	Monthly during discharge	1	8/01/2026	0.003	0.003	0.003				
Jan-26	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Monthly during discharge	1	8/01/2026	0.06	0.06	0.06				
Jan-26	Nitrogen	(mg/L)	Monthly during discharge	1	8/01/2026	0.7	0.7	0.7				
Jan-26	pH	pH	Monthly during discharge	1	8/01/2026	8.79	8.79	8.79		**6.5 - 9.5**	**No**	
Jan-26	Phosphorus	(mg/L)	Monthly during discharge	1	8/01/2026	0.10	0.10	0.10				
Jan-26	Reactive Phosphorus	(mg/L)	Monthly during discharge	1	8/01/2026	0.04	0.04	0.04				
Jan-26	Selenium	(mg/L)	Monthly during discharge	1	8/01/2026	0.039	0.039	0.039				
Jan-26	Total Kjeldahl Nitrogen	(mg/L)	Monthly during discharge	1	8/01/2026	0.6	0.6	0.6				
Jan-26	Total Suspended Solids	(mg/L)	Monthly during discharge	1	8/01/2026	200	200	200		**50**	**Yes**	EPA notified in accordance with conditon R4.1 of EPL761.
Jan-26	Vanadium	(mg/L)	Monthly during discharge	1	8/01/2026	0.055	0.055	0.055				
Jan-26	Zinc	(mg/L)	Monthly during discharge	1	8/01/2026	0.007	0.007	0.007				

POINT 24 **Discharge of seepage water from the ash dam rehabilitation area to Mannering Bay marked and shown as EPA ID 24 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).**

Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	Discharge (yes/no)	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jan-26	Aluminium	(mg/L)	Monthly during discharge	1	8/01/2026	0.08	0.08	0.08	Yes			
Jan-26	Ammonia	(mg/L)	Monthly during discharge	1	8/01/2026	1.10	1.10	1.10	Yes			
Jan-26	Arsenic (III)	(mg/L)	Monthly during discharge	1	8/01/2026	<0.001	<0.001	<0.001	Yes			
Jan-26	Arsenic (V)	(mg/L)	Monthly during discharge	1	8/01/2026	0.002	0.002	0.002	Yes			
Jan-26	Cadmium	(mg/L)	Monthly during discharge	1	8/01/2026	<0.0001	<0.0001	<0.0001	Yes			
Jan-26	Chromium (trivalent)	(mg/L)	Monthly during discharge	1	8/01/2026	<0.005	<0.005	<0.005	Yes			
Jan-26	Chromium (VI) Compounds	(mg/L)	Monthly during discharge	1	8/01/2026	<0.005	<0.005	<0.005	Yes			
Jan-26	Copper	(mg/L)	Monthly during discharge	1	8/01/2026	0.001	0.001	0.001	Yes			
Jan-26	Iron	(mg/L)	Monthly during discharge	1	8/01/2026	0.17	0.17	0.17	Yes			
Jan-26	Lead	(mg/L)	Monthly during discharge	1	8/01/2026	<0.001	<0.001	<0.001	Yes			
Jan-26	Manganese	(mg/L)	Monthly during discharge	1	8/01/2026	0.066	0.066	0.066	Yes			
Jan-26	Nickel	(mg/L)	Monthly during discharge	1	8/01/2026	0.0020	0.0020	0.0020	Yes			
Jan-26	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Monthly during discharge	1	8/01/2026	0.19	0.19	0.19	Yes			
Jan-26	Nitrogen	(mg/L)	Monthly during discharge	1	8/01/2026	1.50	1.50	1.50	Yes			
Jan-26	pH	pH	Monthly during discharge	1	8/01/2026	7.88	7.88	7.88	Yes	6.5 - 9.5	No	
Jan-26	Phosphorus	(mg/L)	Monthly during discharge	1	8/01/2026	<0.05	<0.05	<0.05	Yes			
Jan-26	Reactive Phosphorus	(mg/L)	Monthly during discharge	1	8/01/2026	<0.005	<0.005	<0.005	Yes			
Jan-26	Selenium	(mg/L)	Monthly during discharge	1	8/01/2026	<0.001	<0.001	<0.001	Yes			
Jan-26	Total Kjeldahl Nitrogen	(mg/L)	Monthly during discharge	1	8/01/2026	1.40	1.40	1.40	Yes			
Jan-26	Total Suspended Solids	(mg/L)	Monthly during discharge	1	8/01/2026	33	33	33	Yes	50	No	
Jan-26	Vanadium	(mg/L)	Monthly during discharge	1	8/01/2026	0.01	0.01	0.01	Yes			
Jan-26	Zinc	(mg/L)	Monthly during discharge	1	8/01/2026	0.011	0.011	0.011	Yes			

POINT 25 **Discharge of over boarded water from the ash dam to Mannering Bay marked and shown as EPA ID 25 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).**

Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	Discharge (yes/no)	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jan-26	Aluminium	(mg/L)	Daily for any discharge >2 hrs						No			
Jan-26	Ammonia	(mg/L)	Daily for any discharge >2 hrs						No			
Jan-26	Arsenic (III)	(mg/L)	Daily for any discharge >2 hrs						No			
Jan-26	Arsenic (V)	(mg/L)	Daily for any discharge >2 hrs						No			
Jan-26	Cadmium	(mg/L)	Daily for any discharge >2 hrs						No			
Jan-26	Chromium (trivalent)	(mg/L)	Daily for any discharge >2 hrs						No			
Jan-26	Chromium (VI) Compounds	(mg/L)	Daily for any discharge >2 hrs						No			
Jan-26	Copper	(mg/L)	Daily for any discharge >2 hrs						No			
Jan-26	Iron	(mg/L)	Daily for any discharge >2 hrs						No			
Jan-26	Lead	(mg/L)	Daily for any discharge >2 hrs						No			
Jan-26	Manganese	(mg/L)	Daily for any discharge >2 hrs						No			
Jan-26	Nickel	(mg/L)	Daily for any discharge >2 hrs						No			
Jan-26	Nitrate + nitrite (oxidised nitrogen)	(mg/L)	Daily for any discharge >2 hrs						No			
Jan-26	Nitrogen	(mg/L)	Daily for any discharge >2 hrs						No			
Jan-26	pH	pH	Daily for any discharge >2 hrs						No	6.5 - 9	No	
Jan-26	Phosphorus	(mg/L)	Daily for any discharge >2 hrs						No			
Jan-26	Reactive Phosphorus	(mg/L)	Daily for any discharge >2 hrs						No			
Jan-26	Selenium	(mg/L)	Daily for any discharge >2 hrs						No			
Jan-26	Total Kjeldahl Nitrogen	(mg/L)	Daily for any discharge >2 hrs						No			
Jan-26	Total Suspended Solids	(mg/L)	Daily for any discharge >2 hrs						No	50	No	
Jan-26	Vanadium	(mg/L)	Daily for any discharge >2 hrs						No			
Jan-26	Zinc	(mg/L)	Daily for any discharge >2 hrs						No			

POINT 30 **Groundwater quality monitoring bore marked and shown as EPA ID 30 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).**

Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jan-26	Aluminium	(mg/L)	Quarterly	1	8/01/2026	0.86	0.86	0.86				
Jan-26	Ammonia	(mg/L)	Quarterly	1	8/01/2026	3.3	3.3	3.3				
Jan-26	Arsenic (III)	(mg/L)	Quarterly	1	8/01/2026	0.003	0.003	0.003				
Jan-26	Arsenic (V)	(mg/L)	Quarterly	1	8/01/2026	0.005	0.005	0.005				
Jan-26	Cadmium	(mg/L)	Quarterly	1	8/01/2026	<0.0001	<0.0001	<0.0001				
Jan-26	Chromium (trivalent)	(mg/L)	Quarterly	1	8/01/2026	<0.005	<0.005	<0.005				
Jan-26	Chromium (VI) Compounds	(mg/L)	Quarterly	1	8/01/2026	<0.005	<0.005	<0.005				
Jan-26	Copper	(mg/L)	Quarterly	1	8/01/2026	0.003	0.003	0.003				
Jan-26	Electrical Conductivity	(us/cm)	Quarterly	1	8/01/2026	28762	28762	28762				
Jan-26	Iron	(mg/L)	Quarterly	1	8/01/2026	74.0	74.0	74.0				
Jan-26	Lead	(mg/L)	Quarterly	1	8/01/2026	0.002	0.002	0.002				
Jan-26	Magnesium	(mg/L)	Quarterly	1	8/01/2026	800	800	800				Next round of quarterly groundwater sampling scheduled for April 2026
Jan-26	Manganese	(mg/L)	Quarterly	1	8/01/2026	4.6	4.6	4.6				
Jan-26	Nickel	(mg/L)	Quarterly	1	8/01/2026	0.024	0.024	0.024				
Jan-26	pH	pH	Quarterly	1	8/01/2026	5.54	5.54	5.54				
Jan-26	Potassium	(mg/L)	Quarterly	1	8/01/2026	110	110	110				
Jan-26	Selenium	(mg/L)	Quarterly	1	8/01/2026	<0.001	<0.001	<0.001				
Jan-26	Sodium	(mg/L)	Quarterly	1	8/01/2026	6000	6000	6000				
Jan-26	Standing Water Level	(m)	Quarterly	1	8/01/2026	3.90	3.90	3.90				
Jan-26	Vanadium	(mg/L)	Quarterly	1	8/01/2026	0.002	0.002	0.002				
Jan-26	Zinc	(mg/L)	Quarterly	1	8/01/2026	0.021	0.021	0.021				

POINT 31 **Groundwater quality monitoring bore marked and shown as EPA ID 31 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).**

Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jan-26	Aluminium	(mg/L)	Quarterly	1	8/01/2026	1.30	1.30	1.30				
Jan-26	Ammonia	(mg/L)	Quarterly	1	8/01/2026	1.40	1.40	1.40				
Jan-26	Arsenic (III)	(mg/L)	Quarterly	1	8/01/2026	0.003	0.003	0.003				
Jan-26	Arsenic (V)	(mg/L)	Quarterly	1	8/01/2026	0.003	0.003	0.003				
Jan-26	Cadmium	(mg/L)	Quarterly	1	8/01/2026	<0.0001	<0.0001	<0.0001				
Jan-26	Chromium (trivalent)	(mg/L)	Quarterly	1	8/01/2026	<0.005	<0.005	<0.005				
Jan-26	Chromium (VI) Compounds	(mg/L)	Quarterly	1	8/01/2026	<0.005	<0.005	<0.005				
Jan-26	Copper	(mg/L)	Quarterly	1	8/01/2026	0.004	0.004	0.004				
Jan-26	Electrical Conductivity	(us/cm)	Quarterly	1	8/01/2026	34240	34240	34240				
Jan-26	Iron	(mg/L)	Quarterly	1	8/01/2026	270	270	270				
Jan-26	Lead	(mg/L)	Quarterly	1	8/01/2026	0.003	0.003	0.003				
Jan-26	Magnesium	(mg/L)	Quarterly	1	8/01/2026	750	750	750				Next round of quarterly groundwater sampling scheduled for April 2026
Jan-26	Manganese	(mg/L)	Quarterly	1	8/01/2026	4.1	4.1	4.1				
Jan-26	Nickel	(mg/L)	Quarterly	1	8/01/2026	0.099	0.099	0.099				
Jan-26	pH	pH	Quarterly	1	8/01/2026	5.23	5.23	5.23				
Jan-26	Potassium	(mg/L)	Quarterly	1	8/01/2026	41.0	41.0	41.0				
Jan-26	Selenium	(mg/L)	Quarterly	1	8/01/2026	0.010	0.010	0.010				
Jan-26	Sodium	(mg/L)	Quarterly	1	8/01/2026	4100	4100	4100				
Jan-26	Standing Water Level	(m)	Quarterly	1	8/01/2026	1.78	1.78	1.78				
Jan-26	Vanadium	(mg/L)	Quarterly	1	8/01/2026	0.005	0.005	0.005				
Jan-26	Zinc	(mg/L)	Quarterly	1	8/01/2026	0.06	0.06	0.06				

POINT 32 **Groundwater quality monitoring bore marked and shown as EPA ID 32 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).**

Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jan-26	Aluminium	(mg/L)	Quarterly	1	8/01/2026	4.80	4.80	4.80				
Jan-26	Ammonia	(mg/L)	Quarterly	1	8/01/2026	0.10	0.10	0.10				
Jan-26	Arsenic (III)	(mg/L)	Quarterly	1	8/01/2026	<0.001	<0.001	<0.001				
Jan-26	Arsenic (V)	(mg/L)	Quarterly	1	8/01/2026	<0.001	<0.001	<0.001				
Jan-26	Cadmium	(mg/L)	Quarterly	1	8/01/2026	<0.0001	<0.0001	<0.0001				
Jan-26	Chromium (trivalent)	(mg/L)	Quarterly	1	8/01/2026	<0.005	<0.005	<0.005				
Jan-26	Chromium (VI) Compounds	(mg/L)	Quarterly	1	8/01/2026	<0.005	<0.005	<0.005				
Jan-26	Copper	(mg/L)	Quarterly	1	8/01/2026	0.005	0.005	0.005				
Jan-26	Electrical Conductivity	(us/cm)	Quarterly	1	8/01/2026	1369	1369	1369				
Jan-26	Iron	(mg/L)	Quarterly	1	8/01/2026	14	14	14				
Jan-26	Lead	(mg/L)	Quarterly	1	8/01/2026	0.004	0.004	0.004				
Jan-26	Magnesium	(mg/L)	Quarterly	1	8/01/2026	15	15	15				Next round of quarterly groundwater sampling scheduled for April 2026
Jan-26	Manganese	(mg/L)	Quarterly	1	8/01/2026	0.120	0.120	0.120				
Jan-26	Nickel	(mg/L)	Quarterly	1	8/01/2026	0.010	0.010	0.010				
Jan-26	pH	pH	Quarterly	1	8/01/2026	5.66	5.66	5.66				
Jan-26	Potassium	(mg/L)	Quarterly	1	8/01/2026	<0.001	<0.001	<0.001				
Jan-26	Selenium	(mg/L)	Quarterly	1	8/01/2026	<0.001	<0.001	<0.001				
Jan-26	Sodium	(mg/L)	Quarterly	1	8/01/2026	100	100	100				
Jan-26	Standing Water Level	(m)	Quarterly	1	8/01/2026	3.98	3.98	3.98				
Jan-26	Vanadium	(mg/L)	Quarterly	1	8/01/2026	0.005	0.005	0.005				
Jan-26	Zinc	(mg/L)	Quarterly	1	8/01/2026	0.018	0.018	0.018				

POINT 33 **Groundwater quality monitoring bore marked and shown as EPA ID 33 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).**

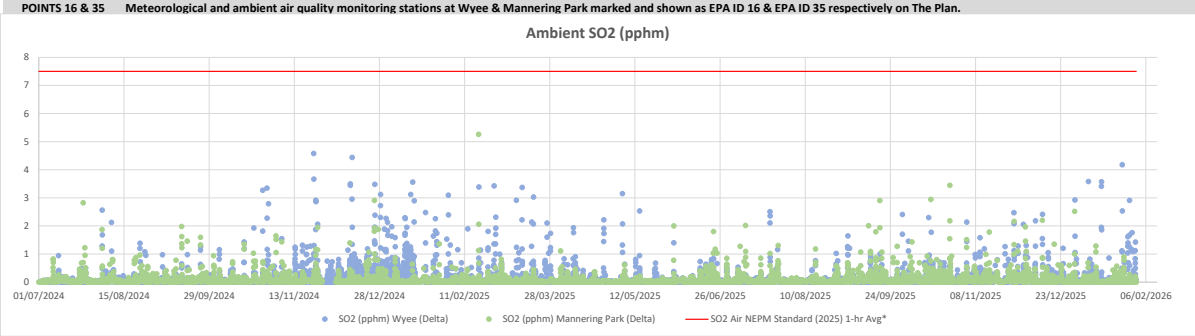
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jan-26	Aluminium	(mg/L)	Quarterly	1	8/01/2026	2.30	2.30	2.30				
Jan-26	Ammonia	(mg/L)	Quarterly	1	8/01/2026	0.09	0.09	0.09				
Jan-26	Arsenic (III)	(mg/L)	Quarterly	1	8/01/2026	<0.001	<0.001	<0.001				
Jan-26	Arsenic (V)	(mg/L)	Quarterly	1	8/01/2026	<0.001	<0.001	<0.001				
Jan-26	Cadmium	(mg/L)	Quarterly	1	8/01/2026	<0.0001	<0.0001	<0.0001				
Jan-26	Chromium (trivalent)	(mg/L)	Quarterly	1	8/01/2026	<0.005	<0.005	<0.005				
Jan-26	Chromium (VI) Compounds	(mg/L)	Quarterly	1	8/01/2026	<0.005	<0.005	<0.005				
Jan-26	Copper	(mg/L)	Quarterly	1	8/01/2026	0.005	0.005	0.005				
Jan-26	Electrical Conductivity	(us/cm)	Quarterly	1	8/01/2026	67075	67075	67075				
Jan-26	Iron	(mg/L)	Quarterly	1	8/01/2026	41	41	41				
Jan-26	Lead	(mg/L)	Quarterly	1	8/01/2026	0.003	0.003	0.003				
Jan-26	Magnesium	(mg/L)	Quarterly	1	8/01/2026	1500	1500	1500				Next round of quarterly groundwater sampling scheduled for April 2026
Jan-26	Manganese	(mg/L)	Quarterly	1	8/01/2026	0.21	0.21	0.21				
Jan-26	Nickel	(mg/L)	Quarterly	1	8/01/2026	0.003	0.003	0.003				
Jan-26	pH	pH	Quarterly	1	8/01/2026	6.35	6.35	6.35				
Jan-26	Potassium	(mg/L)	Quarterly	1	8/01/2026	420	420	420				
Jan-26	Selenium	(mg/L)	Quarterly	1	8/01/2026	<0.001	<0.001	<0.001				
Jan-26	Sodium	(mg/L)	Quarterly	1	8/01/2026	12000	12000	12000				
Jan-26	Standing Water Level	(m)	Quarterly	1	8/01/2026	0.50	0.50	0.50				
Jan-26	Vanadium	(mg/L)	Quarterly	1	8/01/2026	0.008	0.008	0.008				
Jan-26	Zinc	(mg/L)	Quarterly	1	8/01/2026	0.041	0.041	0.041				

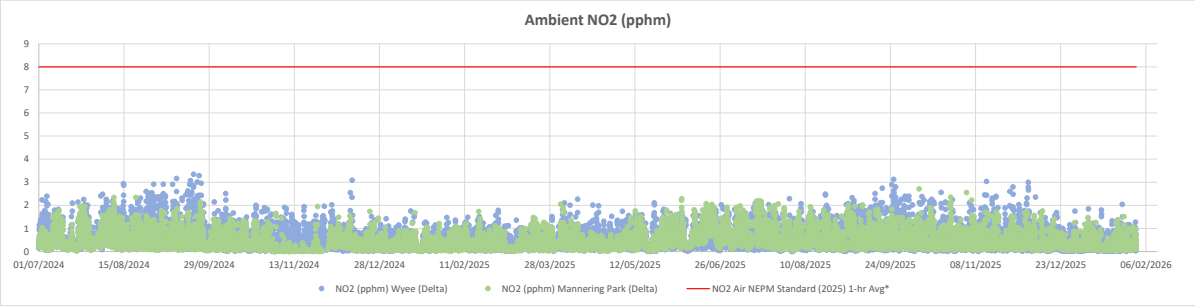
POINT 34 **Groundwater quality monitoring bore marked and shown as EPA ID 33 on The Plans ("VX837351-1 AND "VX837351-2" 03/06/2020 EPA REFERENCE DOC20/476695 AND DOC20/476695-1).**

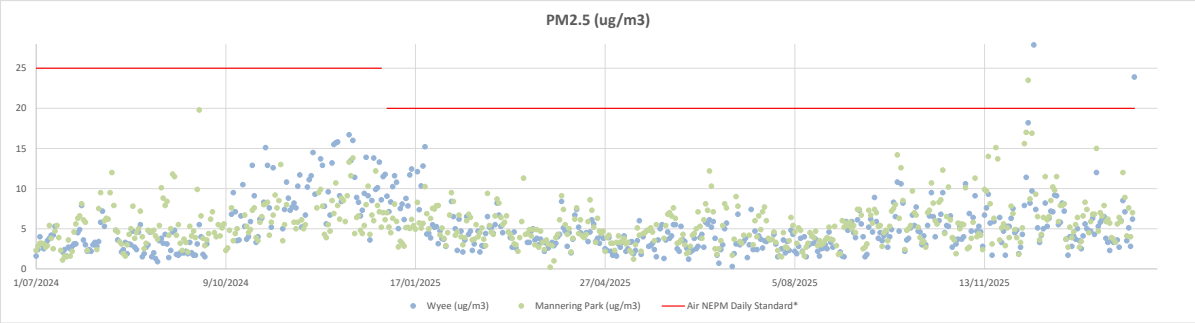
Month	Pollutant	Unit of Measure	Sample/Measurement Frequency	Samples Collected & Analysed	Date Sampled	Lowest Sample Value	Mean of Samples	Highest Sample Value	99 Percentile Concentration Limit	100 Percentile Concentration Limit	Exceedance (yes/no)	Comments
Jan-26	Aluminium	(mg/L)	Quarterly	1	8/01/2026	4.3	4.3	4.3				
Jan-26	Ammonia	(mg/L)	Quarterly	1	8/01/2026	0.020	0.020	0.020				
Jan-26	Arsenic (III)	(mg/L)	Quarterly	1	8/01/2026	<0.001	<0.001	<0.001				
Jan-26	Arsenic (V)	(mg/L)	Quarterly	1	8/01/2026	<0.001	<0.001	<0.001				
Jan-26	Cadmium	(mg/L)	Quarterly	1	8/01/2026	<0.0001	<0.0001	<0.0001				
Jan-26	Chromium (trivalent)	(mg/L)	Quarterly	1	8/01/2026	<0.005	<0.005	<0.005				
Jan-26	Chromium (VI) Compounds	(mg/L)	Quarterly	1	8/01/2026	<0.005	<0.005	<0.005				
Jan-26	Copper	(mg/L)	Quarterly	1	8/01/2026	0.006	0.006	0.006				
Jan-26	Electrical Conductivity	(us/cm)	Quarterly	1	8/01/2026	663	663	663				
Jan-26	Iron	(mg/L)	Quarterly	1	8/01/2026	8.7	8.7	8.7				
Jan-26	Lead	(mg/L)	Quarterly	1	8/01/2026	0.007	0.007	0.007				
Jan-26	Magnesium	(mg/L)	Quarterly	1	8/01/2026	8.2	8.2	8.2				Next round of quarterly groundwater sampling scheduled for April 2026
Jan-26	Manganese	(mg/L)	Quarterly	1	8/01/2026	0.060	0.060	0.060				
Jan-26	Nickel	(mg/L)	Quarterly	1	8/01/2026	0.006	0.006	0.006				
Jan-26	pH	pH	Quarterly	1	8/01/2026	5.08	5.08	5.08				
Jan-26	Potassium	(mg/L)	Quarterly	1	8/01/2026	3	3	3				
Jan-26	Selenium	(mg/L)	Quarterly	1	8/01/2026	<0.001	<0.001	<0.001				
Jan-26	Sodium	(mg/L)	Quarterly	1	8/01/2026	100	100	100				
Jan-26	Standing Water Level	(m)	Quarterly	1	8/01/2026	0.88	0.88	0.88				
Jan-26	Vanadium	(mg/L)	Quarterly	1	8/01/2026	0.031	0.031	0.031				
Jan-26	Zinc	(mg/L)	Quarterly	1	8/01/2026	0.047	0.047	0.047				

Ambient Air Quality Graphs

POINTS 16 & 35 **Meteorological and ambient air quality monitoring stations at Wyee & Mannering Park marked and shown as EPA ID 16 & EPA ID 35 respectively on The Plan.**







GENERAL COMMENTS

*For more information about the Australian Governments National Environment Protection (Ambient Air Quality) Measure (Air NEPM) visit <https://www.nepc.gov.au/nepms/ambient-air-quality>.

**The Air NEPM daily standard for PM2.5 changed from 25ug/m3 to 20ug/m3 in 2025. This reduction is reflected in the PM2.5 graph above.