

Vales Point Power Station Monthly Environmental Data Summary



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| LICENCE NO | 761 http://www.epa.nsw.gov.au/prpoeoapp/ |
| LICENCE HOLDER | SUNSET POWER INTERNATIONAL PTY LTD |
| REPORTING PERIOD | June 2021 |
| ADDRESS | VALES ROAD, MANNERING PARK NSW |

| 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 | Exceedance (yes/no) | Comments |
| Jun-21 | Cadmium | (mg/m3) | Every 6 months | 1 | 26/3 - 29/4/21 | 0.003 | 0.003 | 0.003 | | 0.2 | No | |
| Jun-21 | Chlorine | (mg/m3) | Every 6 months | 1 | 26/3 - 29/4/21 | 0.13 | 0.13 | 0.13 | | 20 | No | |
| Jun-21 | Fluorine | (mg/m3) | Every 6 months | 1 | 26/3 - 29/4/21 | 0.13 | 0.13 | 0.13 | | 30 | No | |
| Jun-21 | Hydrogen chloride | (mg/m3) | Every 6 months | 1 | 26/3 - 29/4/21 | 1.78 | 1.78 | 1.78 | | 50 | No | |
| Jun-21 | Mercury | (mg/m3) | Every 6 months | 1 | 26/3 - 29/4/21 | 0.0012 | 0.0012 | 0.0012 | | 0.05 | No | |
| Jun-21 | Nitrogen Oxides | (mg/m3) | Continuous | 100% | Jun-21 | 427 | 625 | 732 | 1100 | 1500 | No | |
| Jun-21 | Solid Particles | (mg/m3) | Quarterly | 1 | 26/3 - 29/4/21 | 32.5 | 32.5 | 32.5 | | 50 | No | |
| Jun-21 | Sulfur dioxide | (mg/m3) | Continuous | 100% | Jun-21 | 599 | 707 | 869 | 1400 | 1700 | No | |
| Jun-21 | Sulfuric acid mist and sulfur trioxide (as SO3) | (mg/m3) | Every 6 months | 1 | 26/3 - 29/4/21 | 3.7 | 3.7 | 3.7 | | 100 | No | |
| Jun-21 | Type 1 and Type 2 substances in aggregate | (mg/m3) | Every 6 months | 1 | 26/3 - 29/4/21 | 0.1 | 0.1 | 0.1 | | 0.75 | No | |
| Jun-21 | VOC's as n-propane equivalent | (mg/m3) | Every 6 months | 1 | 26/3 - 29/4/21 | 2.3 | 2.3 | 2.3 | | 10 | No | |

| 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 | Exceedance (yes/no) | Comments |
| Jun-21 | Cadmium | (mg/m3) | Every 6 months | 1 | 24/2 - 25/3/21 | 0.0012 | 0.0012 | 0.0012 | | 0.2 | No | |
| Jun-21 | Chlorine | (mg/m3) | Every 6 months | 1 | 24/2 - 25/3/21 | 0.19 | 0.19 | 0.19 | | 20 | No | |
| Jun-21 | Fluorine | (mg/m3) | Every 6 months | 1 | 24/2 - 25/3/21 | 5.7 | 5.7 | 5.7 | | 30 | No | |
| Jun-21 | Hydrogen chloride | (mg/m3) | Every 6 months | 1 | 24/2 - 25/3/21 | 3.61 | 3.61 | 3.61 | | 50 | No | |
| Jun-21 | Mercury | (mg/m3) | Every 6 months | 1 | 24/2 - 25/3/21 | 0.0011 | 0.0011 | 0.0011 | | 0.05 | No | |
| Jun-21 | Nitrogen Oxides | (mg/m3) | Continuous | | Jun-21 | | | | 1100 | 1500 | No | Unit 6 was out of service for the entire month of June 2021 |
| Jun-21 | Solid Particles | (mg/m3) | Quarterly | 1 | 24/2 - 25/3/21 | 23.9 | 23.9 | 23.9 | | 50 | No | |
| Jun-21 | Sulfur dioxide | (mg/m3) | Continuous | | Jun-21 | | | | 1400 | 1700 | No | |
| Jun-21 | Sulfuric acid mist and sulfur trioxide (as SO3) | (mg/m3) | Every 6 months | 1 | 24/2 - 25/3/21 | 4.1 | 4.1 | 4.1 | | 100 | No | |
| Jun-21 | Type 1 and Type 2 substances in aggregate | (mg/m3) | Every 6 months | 1 | 24/2 - 25/3/21 | 0.034 | 0.034 | 0.034 | | 0.75 | No | |
| Jun-21 | VOC's as n-propane equivalent | (mg/m3) | Every 6 months | 1 | 24/2 - 25/3/21 | 2.95 | 2.95 | 2.95 | | 10 | No | |

| 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 |
| Jun-21 | Cadmium | (mg/m3) | Every 6 months | 1 | April 2021 | <0.0029 | <0.0029 | <0.0029 | | | | |
| Jun-21 | Carbon dioxide | (%) | Every 6 months | 1 | April 2021 | 12.6 | 12.6 | 12.6 | | | | |
| Jun-21 | Chlorine | (mg/m3) | Every 6 months | 1 | April 2021 | <0.25 | <0.25 | <0.25 | | | | |
| Jun-21 | Flow rate | (m3/s) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Fluorine | (mg/m3) | Every 6 months | 1 | April 2021 | 0.17 | 0.17 | 0.17 | | | | |
| Jun-21 | Hydrogen chloride | (mg/m3) | Every 6 months | 1 | April 2021 | 1.03 | 1.03 | 1.03 | | | | |
| Jun-21 | Mercury | (mg/m3) | Every 6 months | 1 | April 2021 | <0.0011 | <0.0011 | <0.0011 | | | | |
| Jun-21 | Moisture | (%) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Oxygen (O2) | (%) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Solid Particles | (mg/m3) | Quarterly | 1 | April 2021 | 21.1 | 21.1 | 21.1 | | | | |
| Jun-21 | Sulfuric acid mist and sulfur trioxide (as SO3) | (mg/m3) | Every 6 months | 1 | April 2021 | 1.3 | 1.3 | 1.3 | | | | |
| Jun-21 | Temperature | (°C) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Type 1 and Type 2 substances in aggregate | (mg/m3) | Every 6 months | 1 | April 2021 | 0.133 | 0.133 | 0.133 | | | | |
| Jun-21 | VOC's as n-propane equivalent | (mg/m3) | Every 6 months | 1 | April 2021 | <2.32 | <2.32 | <2.32 | | | | |

| 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 |
| Jun-21 | Cadmium | (mg/m3) | Every 6 months | 1 | April 2021 | <0.0029 | <0.0029 | <0.0029 | | | | |
| Jun-21 | Flow rate | (m3/s) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Mercury | (mg/m3) | Every 6 months | 1 | April 2021 | <0.0013 | <0.0013 | <0.0013 | | | | |
| Jun-21 | Moisture | (%) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Oxygen (O2) | (%) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Solid Particles | (mg/m3) | Quarterly | 1 | April 2021 | 3.4 | 3.4 | 3.4 | | | | |
| Jun-21 | Temperature | (°C) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Type 1 and Type 2 substances in aggregate | (mg/m3) | Every 6 months | 1 | April 2021 | 0.089 | 0.089 | 0.089 | | | | |

| 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 |
| Jun-21 | Cadmium | (mg/m3) | Every 6 months | 1 | April 2021 | <0.0022 | <0.0022 | <0.0022 | | | | |
| Jun-21 | Carbon dioxide | (%) | Every 6 months | 1 | April 2021 | 14.0 | 14.0 | 14.0 | | | | |
| Jun-21 | Chlorine | (mg/m3) | Every 6 months | 1 | April 2021 | 0.05 | 0.05 | 0.05 | | | | |
| Jun-21 | Flow rate | (m3/s) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Fluorine | (mg/m3) | Every 6 months | 1 | April 2021 | 0.11 | 0.11 | 0.11 | | | | |
| Jun-21 | Hydrogen chloride | (mg/m3) | Every 6 months | 1 | April 2021 | 2.3 | 2.3 | 2.3 | | | | |
| Jun-21 | Mercury | (mg/m3) | Every 6 months | 1 | April 2021 | <0.001 | <0.001 | <0.001 | | | | |
| Jun-21 | Moisture | (%) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Oxygen (O2) | (%) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Solid Particles | (mg/m3) | Quarterly | 1 | April 2021 | 40.6 | 40.6 | 40.6 | | | | |
| Jun-21 | Sulfuric acid mist and sulfur trioxide (as SO3) | (mg/m3) | Every 6 months | 1 | April 2021 | 5.6 | 5.6 | 5.6 | | | | |
| Jun-21 | Temperature | (°C) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Type 1 and Type 2 substances in aggregate | (mg/m3) | Every 6 months | 1 | April 2021 | 0.051 | 0.051 | 0.051 | | | | |
| Jun-21 | VOC's as n-propane equivalent | (mg/m3) | Every 6 months | 1 | April 2021 | <2.23 | <2.23 | <2.23 | | | | |

| 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 |
| Jun-21 | Cadmium | (mg/m3) | Every 6 months | 1 | March 2021 | <0.0031 | <0.0031 | <0.0031 | | | | |
| Jun-21 | Flow rate | (m3/s) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Mercury | (mg/m3) | Every 6 months | 1 | March 2021 | <0.0014 | <0.0014 | <0.0014 | | | | |
| Jun-21 | Moisture | (%) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Oxygen (O2) | (%) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Solid Particles | (mg/m3) | Quarterly | 1 | March 2021 | 65.4 | 65.4 | 65.4 | | | | |
| Jun-21 | Temperature | (°C) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Type 1 and Type 2 substances in aggregate | (mg/m3) | Every 6 months | 1 | March 2021 | 0.136 | 0.136 | 0.136 | | | | |

| 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 |
| Jun-21 | Cadmium | (mg/m3) | Every 6 months | 1 | March 2021 | <0.0016 | <0.0016 | <0.0016 | | | | |
| Jun-21 | Carbon dioxide | (%) | Every 6 months | 1 | March 2021 | 11.3 | 11.3 | 11.3 | | | | |
| Jun-21 | Chlorine | (mg/m3) | Every 6 months | 1 | March 2021 | 0.09 | 0.09 | 0.09 | | | | |
| Jun-21 | Flow rate | (m3/s) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Fluorine | (mg/m3) | Every 6 months | 1 | March 2021 | 2.43 | 2.43 | 2.43 | | | | |
| Jun-21 | Hydrogen chloride | (mg/m3) | Every 6 months | 1 | March 2021 | 3.2 | 3.2 | 3.2 | | | | |
| Jun-21 | Mercury | (mg/m3) | Every 6 months | 1 | March 2021 | 0.0027 | 0.0027 | 0.0027 | | | | |
| Jun-21 | Moisture | (%) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Oxygen (O2) | (%) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Solid Particles | (mg/m3) | Quarterly | 1 | March 2021 | 15.8 | 15.8 | 15.8 | | | | |
| Jun-21 | Sulfuric acid mist and sulfur trioxide (as SO3) | (mg/m3) | Every 6 months | 1 | March 2021 | 4.1 | 4.1 | 4.1 | | | | |
| Jun-21 | Temperature | (°C) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Type 1 and Type 2 substances in aggregate | (mg/m3) | Every 6 months | 1 | March 2021 | 0.061 | 0.061 | 0.061 | | | | |
| Jun-21 | VOC's as n-propane equivalent | (mg/m3) | Every 6 months | 1 | March 2021 | <2.86 | <2.86 | <2.86 | | | | |

| 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 |
| Jun-21 | Cadmium | (mg/m3) | Every 6 months | 1 | March 2021 | <0.0014 | <0.0014 | <0.0014 | | | | |
| Jun-21 | Flow rate | (m3/s) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Mercury | (mg/m3) | Every 6 months | 1 | March 2021 | 0.0014 | 0.0014 | 0.0014 | | | | |
| Jun-21 | Moisture | (%) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Oxygen (O2) | (%) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Solid Particles | (mg/m3) | Quarterly | 1 | March 2021 | 5.6 | 5.6 | 5.6 | | | | |
| Jun-21 | Temperature | (°C) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Type 1 and Type 2 substances in aggregate | (mg/m3) | Every 6 months | 1 | March 2021 | 0.035 | 0.035 | 0.035 | | | | |

| 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 |
| Jun-21 | Cadmium | (mg/m3) | Every 6 months | 1 | Feb & Mar 2021 | <0.0006 | <0.0006 | <0.0006 | | | | |
| Jun-21 | Carbon dioxide | (%) | Every 6 months | 1 | Feb & Mar 2021 | 10.3 | 10.3 | 10.3 | | | | |
| Jun-21 | Chlorine | (mg/m3) | Every 6 months | 1 | Feb & Mar 2021 | 0.24 | 0.24 | 0.24 | | | | |
| Jun-21 | Flow rate | (m3/s) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Fluorine | (mg/m3) | Every 6 months | 1 | Feb & Mar 2021 | 7.8 | 7.8 | 7.8 | | | | |
| Jun-21 | Hydrogen chloride | (mg/m3) | Every 6 months | 1 | Feb & Mar 2021 | 3.84 | 3.84 | 3.84 | | | | |
| Jun-21 | Mercury | (mg/m3) | Every 6 months | 1 | Feb & Mar 2021 | <0.0003 | <0.0003 | <0.0003 | | | | |
| Jun-21 | Moisture | (%) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Oxygen (O2) | (%) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Solid Particles | (mg/m3) | Quarterly | 1 | Feb & Mar 2021 | 9.2 | 9.2 | 9.2 | | | | |
| Jun-21 | Sulfuric acid mist and sulfur trioxide (as SO3) | (mg/m3) | Every 6 months | 1 | Feb & Mar 2021 | 4.1 | 4.1 | 4.1 | | | | |
| Jun-21 | Temperature | (°C) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Type 1 and Type 2 substances in aggregate | (mg/m3) | Every 6 months | 1 | Feb & Mar 2021 | 0.02 | 0.02 | 0.02 | | | | |
| Jun-21 | VOC's as n-propane equivalent | (mg/m3) | Every 6 months | 1 | Feb & Mar 2021 | <3.04 | <3.04 | <3.04 | | | | |

| 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 |
| Jun-21 | Cadmium | (mg/m3) | Every 6 months | 1 | Feb & Mar 2021 | <0.0014 | <0.0014 | <0.0014 | | | | |
| Jun-21 | Flow rate | (m3/s) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Mercury | (mg/m3) | Every 6 months | 1 | Feb & Mar 2021 | <0.0007 | <0.0007 | <0.0007 | | | | |
| Jun-21 | Moisture | (%) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Oxygen (O2) | (%) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Solid Particles | (mg/m3) | Quarterly | 1 | Feb & Mar 2021 | 62.7 | 62.7 | 62.7 | | | | |
| Jun-21 | Temperature | (°C) | Continuous | | | | | | | | | Not required until 31 October 2021 |
| Jun-21 | Type 1 and Type 2 substances in aggregate | (mg/m3) | Every 6 months | 1 | Feb & Mar 2021 | 0.034 | 0.034 | 0.034 | | | | |

| 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 |
| Jun-21 | Nitrogen Oxides | (mg/m3) | Continuous | 100% | Jun-21 | 368 | 571 | 651 | | | No | |
| Jun-21 | Sulfur dioxide | (mg/m3) | Continuous | 100% | Jun-21 | 446 | 639 | 812 | | | No | |

| POINT 13 Boiler number 5 combined exhaust - duct C and D (points 6 and 7) marked and shown as 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 |
| Jun-21 | Nitrogen Oxides | (mg/m3) | Continuous | 100% | Jun-21 | 461 | 677 | 839 | | | No | |
| Jun-21 | Sulfur dioxide | (mg/m3) | Continuous | 100% | Jun-21 | 684 | 773 | 869 | | | No | |

| POINT 14 Boiler number 6 combined exhaust - duct A and B (points 8 and 9) marked and shown as 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 |
| Jun-21 | Nitrogen Oxides | (mg/m3) | Continuous | | Jun-21 | | | | | | No | Unit 6 was out of service for the entire month of June 2021 |
| Jun-21 | Sulfur dioxide | (mg/m3) | Continuous | | Jun-21 | | | | | | No | |

POINT 15 Boiler number 6 combined exhaust - duct C and D (points 10 and 11) 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 |
|--------|-----------------|-----------------|------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|-----------------------------------|------------------------------------|---------------------|---|
| Jun-21 | Nitrogen Oxides | (mg/m3) | Continuous | | Jun-21 | | | | | | No | Unit 6 was out of service for the entire month of June 2021 |
| Jun-21 | Sulfur dioxide | (mg/m3) | Continuous | | Jun-21 | | | | | | No | |

POINT 22 Discharge of cooling water from the cooling water outlet canal to Wye 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 | 97 Percentile Concentration Limit | 100 Percentile Concentration Limit | Exceedance (yes/no) | Comments |
|--------|--------------------------|-----------------|------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|-----------------------------------|------------------------------------|---------------------|----------|
| Jun-21 | Chlorine (free residual) | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | <0.1 | <0.1 | <0.1 | | 0.2 | No | |
| Jun-21 | Copper | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | 0.0026 | 0.0026 | 0.0026 | | 0.005 | No | |
| Jun-21 | Iron | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | 0.053 | 0.053 | 0.053 | | 0.3 | No | |
| Jun-21 | Oil and Grease | Visible | Continuous during discharge | 100% | Jun-21 | NIL | NIL | NIL | | | | |
| Jun-21 | Selenium | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | 0.0008 | 0.0008 | 0.0008 | | 0.005 | No | |
| Jun-21 | Temperature | (°C) | Continuous during discharge | 100% | Jun-21 | 17.9 | 23.2 | 28.6 | 35 | 37.5 | No | |

POINT 23 Discharge of supernatant water from the ash dam to the cooling water outlet canal to Wye 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 |
|--------|---------------------------------------|-----------------|------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|-----------------------------------|------------------------------------|---------------------|----------|
| Jun-21 | Aluminium | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | 0.035 | 0.035 | 0.035 | | | | |
| Jun-21 | Ammonia | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | <0.1 | <0.1 | <0.1 | | | | |
| Jun-21 | Arsenic (III) | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | <0.0005 | <0.0005 | <0.0005 | | | | |
| Jun-21 | Arsenic (V) | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | 0.0023 | 0.0023 | 0.0023 | | | | |
| Jun-21 | Cadmium | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | 0.00012 | 0.00012 | 0.00012 | | | | |
| Jun-21 | Chromium (trivalent) | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | 0.002 | 0.002 | 0.002 | | | | |
| Jun-21 | Chromium (VI) Compounds | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | 0.014 | 0.014 | 0.014 | | | | |
| Jun-21 | Copper | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | 0.0006 | 0.0006 | 0.0006 | | | | |
| Jun-21 | Iron | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | 0.040 | 0.040 | 0.040 | | | | |
| Jun-21 | Lead | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | <0.0001 | <0.0001 | <0.0001 | | | | |
| Jun-21 | Manganese | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | 0.0038 | 0.0038 | 0.0038 | | | | |
| Jun-21 | Nickel | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | 0.0006 | 0.0006 | 0.0006 | | | | |
| Jun-21 | Nitrate + nitrite (oxidised nitrogen) | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | 0.07 | 0.07 | 0.07 | | | | |
| Jun-21 | Nitrogen | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | 0.30 | 0.30 | 0.30 | | | | |
| Jun-21 | pH | pH | Monthly during discharge | 1 | 2/06/2021 | 7.91 | 7.91 | 7.91 | | 6.5 - 9.5 | No | |
| Jun-21 | Phosphorus | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | 0.05 | 0.05 | 0.05 | | | | |
| Jun-21 | Reactive Phosphorus | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | <0.01 | <0.01 | <0.01 | | | | |
| Jun-21 | Selenium | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | 0.0563 | 0.0563 | 0.0563 | | | | |
| Jun-21 | Total Kjeldahl Nitrogen | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | 0.2 | 0.2 | 0.2 | | | | |
| Jun-21 | Total Suspended Solids | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | 3 | 3 | 3 | | 50 | No | |
| Jun-21 | Vanadium | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | 0.0439 | 0.0439 | 0.0439 | | | | |
| Jun-21 | Zinc | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | 0.001 | 0.001 | 0.001 | | | | |

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 |
|--------|---------------------------------------|-----------------|------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|--------------------|------------------------------------|---------------------|---|
| Jun-21 | Aluminium | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | | | | No | | | |
| Jun-21 | Ammonia | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | | | | No | | | |
| Jun-21 | Arsenic (III) | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | | | | No | | | |
| Jun-21 | Arsenic (V) | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | | | | No | | | |
| Jun-21 | Cadmium | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | | | | No | | | |
| Jun-21 | Chromium (trivalent) | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | | | | No | | | |
| Jun-21 | Chromium (VI) Compounds | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | | | | No | | | |
| Jun-21 | Copper | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | | | | No | | | |
| Jun-21 | Iron | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | | | | No | | | |
| Jun-21 | Lead | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | | | | No | | | No discharge from EPA Point 24 during June 2021 |
| Jun-21 | Manganese | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | | | | No | | | |
| Jun-21 | Nickel | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | | | | No | | | |
| Jun-21 | Nitrate + nitrite (oxidised nitrogen) | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | | | | No | | | |
| Jun-21 | Nitrogen | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | | | | No | | | |
| Jun-21 | pH | pH | Monthly during discharge | 1 | 2/06/2021 | | | | No | 6.5 - 9.5 | No | |
| Jun-21 | Phosphorus | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | | | | No | | | |
| Jun-21 | Reactive Phosphorus | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | | | | No | | | |
| Jun-21 | Selenium | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | | | | No | | | |
| Jun-21 | Total Kjeldahl Nitrogen | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | | | | No | | | |
| Jun-21 | Total Suspended Solids | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | | | | No | 50 | No | |
| Jun-21 | Vanadium | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | | | | No | | | |
| Jun-21 | Zinc | (mg/L) | Monthly during discharge | 1 | 2/06/2021 | | | | No | | | |

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 |
|--------|---------------------------------------|-----------------|--------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|--------------------|------------------------------------|---------------------|---|
| Jun-21 | Aluminium | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jun-21 | Ammonia | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jun-21 | Arsenic (III) | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jun-21 | Arsenic (V) | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jun-21 | Cadmium | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jun-21 | Chromium (trivalent) | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jun-21 | Chromium (VI) Compounds | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jun-21 | Copper | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jun-21 | Iron | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jun-21 | Lead | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jun-21 | Manganese | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jun-21 | Nickel | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | No discharge from EPA Point 25 during June 2021 |
| Jun-21 | Nitrate + nitrite (oxidised nitrogen) | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jun-21 | Nitrogen | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jun-21 | pH | pH | Daily for any discharge >2 hrs | | | | | | No | 6.5 - 9.5 | No | |
| Jun-21 | Phosphorus | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jun-21 | Reactive Phosphorus | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jun-21 | Selenium | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jun-21 | Total Kjeldahl Nitrogen | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jun-21 | Total Suspended Solids | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | 50 | No | |
| Jun-21 | Vanadium | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jun-21 | 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 |
|--------|-------------------------|-----------------|------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|-----------------------------------|------------------------------------|---------------------|----------|
| Jun-21 | Aluminium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Ammonia | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Arsenic (III) | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Arsenic (V) | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Cadmium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Chromium (trivalent) | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Chromium (VI) Compounds | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Copper | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Electrical Conductivity | (us/cm) | Quarterly | | | | | | | | | |
| Jun-21 | Iron | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Lead | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Magnesium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Manganese | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Nickel | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | pH | pH | Quarterly | | | | | | | | | |
| Jun-21 | Potassium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Selenium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Sodium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Standing Water Level | (m) | Quarterly | | | | | | | | | |
| Jun-21 | Vanadium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Zinc | (mg/L) | Quarterly | | | | | | | | | |

Next sample due July 2021

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 |
|--------|-------------------------|-----------------|------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|-----------------------------------|------------------------------------|---------------------|----------|
| Jun-21 | Aluminium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Ammonia | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Arsenic (III) | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Arsenic (V) | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Cadmium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Chromium (trivalent) | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Chromium (VI) Compounds | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Copper | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Electrical Conductivity | (us/cm) | Quarterly | | | | | | | | | |
| Jun-21 | Iron | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Lead | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Magnesium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Manganese | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Nickel | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | pH | pH | Quarterly | | | | | | | | | |
| Jun-21 | Potassium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Selenium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Sodium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Standing Water Level | (m) | Quarterly | | | | | | | | | |
| Jun-21 | Vanadium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Zinc | (mg/L) | Quarterly | | | | | | | | | |

Next sample due July 2021

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 |
|--------|-------------------------|-----------------|------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|-----------------------------------|------------------------------------|---------------------|---------------------------|
| Jun-21 | Aluminium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Ammonia | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Arsenic (III) | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Arsenic (V) | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Cadmium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Chromium (trivalent) | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Chromium (VI) Compounds | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Copper | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Electrical Conductivity | (us/cm) | Quarterly | | | | | | | | | |
| Jun-21 | Iron | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Lead | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Magnesium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Manganese | (mg/L) | Quarterly | | | | | | | | | Next sample due July 2021 |
| Jun-21 | Nickel | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | pH | pH | Quarterly | | | | | | | | | |
| Jun-21 | Potassium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Selenium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Sodium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Standing Water Level | (m) | Quarterly | | | | | | | | | |
| Jun-21 | Vanadium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Zinc | (mg/L) | Quarterly | | | | | | | | | |

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 |
|--------|-------------------------|-----------------|------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|-----------------------------------|------------------------------------|---------------------|---------------------------|
| Jun-21 | Aluminium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Ammonia | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Arsenic (III) | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Arsenic (V) | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Cadmium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Chromium (trivalent) | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Chromium (VI) Compounds | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Copper | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Electrical Conductivity | (us/cm) | Quarterly | | | | | | | | | |
| Jun-21 | Iron | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Lead | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Magnesium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Manganese | (mg/L) | Quarterly | | | | | | | | | Next sample due July 2021 |
| Jun-21 | Nickel | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | pH | pH | Quarterly | | | | | | | | | |
| Jun-21 | Potassium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Selenium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Sodium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Standing Water Level | (m) | Quarterly | | | | | | | | | |
| Jun-21 | Vanadium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Zinc | (mg/L) | Quarterly | | | | | | | | | |

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 |
|--------|-------------------------|-----------------|------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|-----------------------------------|------------------------------------|---------------------|----------|
| Jun-21 | Aluminium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Ammonia | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Arsenic (III) | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Arsenic (V) | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Cadmium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Chromium (trivalent) | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Chromium (VI) Compounds | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Copper | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Electrical Conductivity | (us/cm) | Quarterly | | | | | | | | | |
| Jun-21 | Iron | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Lead | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Magnesium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Manganese | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Nickel | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | pH | pH | Quarterly | | | | | | | | | |
| Jun-21 | Potassium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Selenium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Sodium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Standing Water Level | (m) | Quarterly | | | | | | | | | |
| Jun-21 | Vanadium | (mg/L) | Quarterly | | | | | | | | | |
| Jun-21 | Zinc | (mg/L) | Quarterly | | | | | | | | | |

Next sample due July 2021

GENERAL COMMENTS