

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 | January 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 |
| Jan-21 | Cadmium | (mg/m3) | Every 6 months | | | | | | | 0.2 | No | |
| Jan-21 | Chlorine | (mg/m3) | Every 6 months | | | | | | | 20 | | |
| Jan-21 | Fluorine | (mg/m3) | Every 6 months | | | | | | | 30 | | |
| Jan-21 | Hydrogen chloride | (mg/m3) | Every 6 months | | | | | | | 50 | | |
| Jan-21 | Mercury | (mg/m3) | Every 6 months | | | | | | | 0.05 | No | |
| Jan-21 | Nitrogen Oxides | (mg/m3) | Continuous | 100% | Jan-21 | 335 | 503 | 815 | 1100 | 1500 | No | |
| Jan-21 | Solid Particles | (mg/m3) | Quarterly | | | | | | | 50 | | |
| Jan-21 | Sulfur dioxide | (mg/m3) | Continuous | 100% | Jan-21 | 276 | 589 | 678 | 1400 | 1700 | No | |
| Jan-21 | Sulfuric acid mist and sulfur trioxide (as SO3) | (mg/m3) | Every 6 months | | | | | | | 100 | | |
| Jan-21 | Type 1 and Type 2 substances in aggregate | (mg/m3) | Every 6 months | | | | | | | 0.75 | | |
| Jan-21 | VOC's as n-propane equivalent | (mg/m3) | Every 6 months | | | | | | | 10 | | |

| 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 |
| Jan-21 | Cadmium | (mg/m3) | Every 6 months | | | | | | | 0.2 | | |
| Jan-21 | Chlorine | (mg/m3) | Every 6 months | | | | | | | 20 | | |
| Jan-21 | Fluorine | (mg/m3) | Every 6 months | | | | | | | 30 | | |
| Jan-21 | Hydrogen chloride | (mg/m3) | Every 6 months | | | | | | | 50 | | |
| Jan-21 | Mercury | (mg/m3) | Every 6 months | | | | | | | 0.05 | | |
| Jan-21 | Nitrogen Oxides | (mg/m3) | Continuous | 100% | Jan-21 | 231 | 707 | 934 | 1100 | 1500 | No | |
| Jan-21 | Solid Particles | (mg/m3) | Quarterly | | | | | | | 50 | | |
| Jan-21 | Sulfur dioxide | (mg/m3) | Continuous | 100% | Jan-21 | 321 | 594 | 697 | 1400 | 1700 | No | |
| Jan-21 | Sulfuric acid mist and sulfur trioxide (as SO3) | (mg/m3) | Every 6 months | | | | | | | 100 | | |
| Jan-21 | Type 1 and Type 2 substances in aggregate | (mg/m3) | Every 6 months | | | | | | | 0.75 | | |
| Jan-21 | VOC's as n-propane equivalent | (mg/m3) | Every 6 months | | | | | | | 10 | | |

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

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

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

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

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

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

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

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

| 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-21 | Nitrogen Oxides | (mg/m3) | Continuous | 99.32% | Jan-21 | 222 | 436 | 812 | | | No | |
| Jan-21 | Sulfur dioxide | (mg/m3) | Continuous | 100% | Jan-21 | 335 | 510 | 626 | | | 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 |
| Jan-21 | Nitrogen Oxides | (mg/m3) | Continuous | 100% | Jan-21 | 329 | 571 | 839 | | | No | |
| Jan-21 | Sulfur dioxide | (mg/m3) | Continuous | 100% | Jan-21 | 530 | 676 | 780 | | | 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 |
| Jan-21 | Nitrogen Oxides | (mg/m3) | Continuous | 100% | Jan-21 | 384 | 676 | 879 | | | No | |
| Jan-21 | Sulfur dioxide | (mg/m3) | Continuous | 100% | Jan-21 | 432 | 646 | 785 | | | 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 |
|--------|-----------------|-----------------|------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|-----------------------------------|------------------------------------|---------------------|----------|
| Jan-21 | Nitrogen Oxides | (mg/m3) | Continuous | 100% | Jan-21 | 482 | 751 | 1020 | | | No | |
| Jan-21 | Sulfur dioxide | (mg/m3) | Continuous | 100% | Jan-21 | 405 | 552 | 635 | | | No | |

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 | 97 Percentile Concentration Limit | 100 Percentile Concentration Limit | Exceedance (yes/no) | Comments |
|--------|--------------------------|-----------------|------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|-----------------------------------|------------------------------------|---------------------|----------|
| Jan-21 | Chlorine (free residual) | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | <0.1 | <0.1 | <0.1 | | 0.2 | No | |
| Jan-21 | Copper | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | <0.001 | <0.001 | <0.001 | | 0.005 | No | |
| Jan-21 | Iron | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | 0.157 | 0.157 | 0.157 | | 0.3 | No | |
| Jan-21 | Oil and Grease | Visible | Continuous during discharge | 100% | Jan-21 | NIL | NIL | NIL | | | | |
| Jan-21 | Selenium | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | <0.002 | <0.002 | <0.002 | | 0.005 | No | |
| Jan-21 | Temperature | (°C) | Continuous during discharge | 100% | Jan-21 | 28.0 | 31.5 | 35.7 | 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-21 | Aluminium | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | 0.056 | 0.056 | 0.056 | | | | |
| Jan-21 | Ammonia | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | 0.16 | 0.16 | 0.16 | | | | |
| Jan-21 | Arsenic (III) | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | <0.001 | <0.001 | <0.001 | | | | |
| Jan-21 | Arsenic (V) | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | 0.0040 | 0.0040 | 0.0040 | | | | |
| Jan-21 | Cadmium | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | <0.0002 | <0.0002 | <0.0002 | | | | |
| Jan-21 | Chromium (trivalent) | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | <0.001 | <0.001 | <0.001 | | | | |
| Jan-21 | Chromium (VI) Compounds | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | 0.008 | 0.008 | 0.008 | | | | |
| Jan-21 | Copper | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | <0.001 | <0.001 | <0.001 | | | | |
| Jan-21 | Iron | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | 0.092 | 0.092 | 0.092 | | | | |
| Jan-21 | Lead | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | <0.0002 | <0.0002 | <0.0002 | | | | |
| Jan-21 | Manganese | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | 0.0188 | 0.0188 | 0.0188 | | | | |
| Jan-21 | Nickel | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | 0.002 | 0.002 | 0.002 | | | | |
| Jan-21 | Nitrate + nitrite (oxidised nitrogen) | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | 0.22 | 0.22 | 0.22 | | | | |
| Jan-21 | Nitrogen | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | 0.70 | 0.70 | 0.70 | | | | |
| Jan-21 | pH | pH | Monthly during discharge | 1 | 12/1/2021 | 8.23 | 8.23 | 8.23 | | 6.5 - 9.5 | No | |
| Jan-21 | Phosphorus | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | 0.13 | 0.13 | 0.13 | | | | |
| Jan-21 | Reactive Phosphorus | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | 0.04 | 0.04 | 0.04 | | | | |
| Jan-21 | Selenium | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | 0.05 | 0.05 | 0.05 | | | | |
| Jan-21 | Total Kjeldahl Nitrogen | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | 0.5 | 0.5 | 0.5 | | | | |
| Jan-21 | Total Suspended Solids | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | 4 | 4 | 4 | | 50 | No | |
| Jan-21 | Vanadium | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | 0.0356 | 0.0356 | 0.0356 | | | | |
| Jan-21 | Zinc | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | 0.006 | 0.006 | 0.006 | | | | |

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-21 | Aluminium | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | | | | No | | | |
| Jan-21 | Ammonia | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | | | | No | | | |
| Jan-21 | Arsenic (III) | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | | | | No | | | |
| Jan-21 | Arsenic (V) | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | | | | No | | | |
| Jan-21 | Cadmium | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | | | | No | | | |
| Jan-21 | Chromium (trivalent) | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | | | | No | | | |
| Jan-21 | Chromium (VI) Compounds | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | | | | No | | | |
| Jan-21 | Copper | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | | | | No | | | |
| Jan-21 | Iron | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | | | | No | | | |
| Jan-21 | Lead | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | | | | No | | | |
| Jan-21 | Manganese | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | | | | No | | | No discharge from EPA Point 24 during January 2021 |
| Jan-21 | Nickel | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | | | | No | | | |
| Jan-21 | Nitrate + nitrite (oxidised nitrogen) | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | | | | No | | | |
| Jan-21 | Nitrogen | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | | | | No | | | |
| Jan-21 | pH | pH | Monthly during discharge | 1 | 12/1/2021 | | | | No | 6.5 - 9.5 | | |
| Jan-21 | Phosphorus | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | | | | No | | | |
| Jan-21 | Reactive Phosphorus | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | | | | No | | | |
| Jan-21 | Selenium | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | | | | No | | | |
| Jan-21 | Total Kjeldahl Nitrogen | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | | | | No | | | |
| Jan-21 | Total Suspended Solids | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | | | | No | 50 | | |
| Jan-21 | Vanadium | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | | | | No | | | |
| Jan-21 | Zinc | (mg/L) | Monthly during discharge | 1 | 12/1/2021 | | | | 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 |
|--------|---------------------------------------|-----------------|--------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|--------------------|------------------------------------|---------------------|--|
| Jan-21 | Aluminium | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jan-21 | Ammonia | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jan-21 | Arsenic (III) | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jan-21 | Arsenic (V) | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jan-21 | Cadmium | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jan-21 | Chromium (trivalent) | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jan-21 | Chromium (VI) Compounds | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jan-21 | Copper | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jan-21 | Iron | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jan-21 | Lead | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | No discharge from EPA Point 25 during January 2021 |
| Jan-21 | Manganese | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jan-21 | Nickel | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jan-21 | Nitrate + nitrite (oxidised nitrogen) | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jan-21 | Nitrogen | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jan-21 | pH | pH | Daily for any discharge >2 hrs | | | | | | No | 6.5 - 9.5 | No | |
| Jan-21 | Phosphorus | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jan-21 | Reactive Phosphorus | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jan-21 | Selenium | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jan-21 | Total Kjeldahl Nitrogen | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jan-21 | Total Suspended Solids | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | 50 | No | |
| Jan-21 | Vanadium | (mg/L) | Daily for any discharge >2 hrs | | | | | | No | | | |
| Jan-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 |
|--------|-------------------------|-----------------|------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|-----------------------------------|------------------------------------|---------------------|----------|
| Jan-21 | Aluminium | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.591 | 0.591 | 0.591 | | | | |
| Jan-21 | Ammonia | (mg/L) | Quarterly | 1 | 12/1/2021 | 3.32 | 3.32 | 3.32 | | | | |
| Jan-21 | Arsenic (III) | (mg/L) | Quarterly | 1 | 12/1/2021 | <0.001 | <0.001 | <0.001 | | | | |
| Jan-21 | Arsenic (V) | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.001 | 0.001 | 0.001 | | | | |
| Jan-21 | Cadmium | (mg/L) | Quarterly | 1 | 12/1/2021 | <0.0002 | <0.0002 | <0.0002 | | | | |
| Jan-21 | Chromium (trivalent) | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.001 | 0.001 | 0.001 | | | | |
| Jan-21 | Chromium (VI) Compounds | (mg/L) | Quarterly | 1 | 12/1/2021 | <0.001 | <0.001 | <0.001 | | | | |
| Jan-21 | Copper | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.002 | 0.002 | 0.002 | | | | |
| Jan-21 | Electrical Conductivity | (us/cm) | Quarterly | 1 | 12/1/2021 | 32600 | 32600 | 32600 | | | | |
| Jan-21 | Iron | (mg/L) | Quarterly | 1 | 12/1/2021 | 68.1 | 68.1 | 68.1 | | | | |
| Jan-21 | Lead | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.0017 | 0.0017 | 0.0017 | | | | |
| Jan-21 | Magnesium | (mg/L) | Quarterly | 1 | 12/1/2021 | 821 | 821 | 821 | | | | |
| Jan-21 | Manganese | (mg/L) | Quarterly | 1 | 12/1/2021 | 4.23 | 4.23 | 4.23 | | | | |
| Jan-21 | Nickel | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.0204 | 0.0204 | 0.0204 | | | | |
| Jan-21 | pH | pH | Quarterly | 1 | 12/1/2021 | 5.54 | 5.54 | 5.54 | | | | |
| Jan-21 | Potassium | (mg/L) | Quarterly | 1 | 12/1/2021 | 113 | 113 | 113 | | | | |
| Jan-21 | Selenium | (mg/L) | Quarterly | 1 | 12/1/2021 | <0.002 | <0.002 | <0.002 | | | | |
| Jan-21 | Sodium | (mg/L) | Quarterly | 1 | 12/1/2021 | 5700 | 5700 | 5700 | | | | |
| Jan-21 | Standing Water Level | (m) | Quarterly | 1 | 12/1/2021 | 3.73 | 3.73 | 3.73 | | | | |
| Jan-21 | Vanadium | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.0017 | 0.0017 | 0.0017 | | | | |
| Jan-21 | Zinc | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.033 | 0.033 | 0.033 | | | | |

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-21 | Aluminium | (mg/L) | Quarterly | 1 | 12/1/2021 | 1.4 | 1.4 | 1.4 | | | | |
| Jan-21 | Ammonia | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.03 | 0.03 | 0.03 | | | | |
| Jan-21 | Arsenic (III) | (mg/L) | Quarterly | 1 | 12/1/2021 | <0.001 | <0.001 | <0.001 | | | | |
| Jan-21 | Arsenic (V) | (mg/L) | Quarterly | 1 | 12/1/2021 | <0.001 | <0.001 | <0.001 | | | | |
| Jan-21 | Cadmium | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.00008 | 0.00008 | 0.00008 | | | | |
| Jan-21 | Chromium (trivalent) | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.002 | 0.002 | 0.002 | | | | |
| Jan-21 | Chromium (VI) Compounds | (mg/L) | Quarterly | 1 | 12/1/2021 | <0.001 | <0.001 | <0.001 | | | | |
| Jan-21 | Copper | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.017 | 0.017 | 0.017 | | | | |
| Jan-21 | Electrical Conductivity | (us/cm) | Quarterly | 1 | 12/1/2021 | 1460 | 1460 | 1460 | | | | |
| Jan-21 | Iron | (mg/L) | Quarterly | 1 | 12/1/2021 | 3.04 | 3.04 | 3.04 | | | | |
| Jan-21 | Lead | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.0049 | 0.0049 | 0.0049 | | | | |
| Jan-21 | Magnesium | (mg/L) | Quarterly | 1 | 12/1/2021 | 10 | 10 | 10 | | | | |
| Jan-21 | Manganese | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.048 | 0.048 | 0.048 | | | | |
| Jan-21 | Nickel | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.0028 | 0.0028 | 0.0028 | | | | |
| Jan-21 | pH | pH | Quarterly | 1 | 12/1/2021 | 6.28 | 6.28 | 6.28 | | | | |
| Jan-21 | Potassium | (mg/L) | Quarterly | 1 | 12/1/2021 | 2 | 2 | 2 | | | | |
| Jan-21 | Selenium | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.001 | 0.001 | 0.001 | | | | |
| Jan-21 | Sodium | (mg/L) | Quarterly | 1 | 12/1/2021 | 74 | 74 | 74 | | | | |
| Jan-21 | Standing Water Level | (m) | Quarterly | 1 | 12/1/2021 | 0.59 | 0.59 | 0.59 | | | | |
| Jan-21 | Vanadium | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.0035 | 0.0035 | 0.0035 | | | | |
| Jan-21 | Zinc | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.656 | 0.656 | 0.656 | | | | |

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 & Analyzed | Date Sampled | Lowest Sample Value | Mean of Samples | Highest Sample Value | 99 Percentile Concentration Limit | 100 Percentile Concentration Limit | Exceedance (yes/no) | Comments |
|--------|-------------------------|-----------------|------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|-----------------------------------|------------------------------------|---------------------|----------|
| Jan-21 | Aluminium | (mg/L) | Quarterly | 1 | 12/1/2021 | 2.46 | 2.46 | 2.46 | | | | |
| Jan-21 | Ammonia | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.02 | 0.02 | 0.02 | | | | |
| Jan-21 | Arsenic (III) | (mg/L) | Quarterly | 1 | 12/1/2021 | <0.001 | <0.001 | <0.001 | | | | |
| Jan-21 | Arsenic (V) | (mg/L) | Quarterly | 1 | 12/1/2021 | <0.001 | <0.001 | <0.001 | | | | |
| Jan-21 | Cadmium | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.00005 | 0.00005 | 0.00005 | | | | |
| Jan-21 | Chromium (trivalent) | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.003 | 0.003 | 0.003 | | | | |
| Jan-21 | Chromium (VI) Compounds | (mg/L) | Quarterly | 1 | 12/1/2021 | <0.001 | <0.001 | <0.001 | | | | |
| Jan-21 | Copper | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.0035 | 0.0035 | 0.0035 | | | | |
| Jan-21 | Electrical Conductivity | (us/cm) | Quarterly | 1 | 12/1/2021 | 547 | 547 | 547 | | | | |
| Jan-21 | Iron | (mg/L) | Quarterly | 1 | 12/1/2021 | 1.7 | 1.7 | 1.7 | | | | |
| Jan-21 | Lead | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.0012 | 0.0012 | 0.0012 | | | | |
| Jan-21 | Magnesium | (mg/L) | Quarterly | 1 | 12/1/2021 | 6 | 6 | 6 | | | | |
| Jan-21 | Manganese | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.027 | 0.027 | 0.027 | | | | |
| Jan-21 | Nickel | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.0032 | 0.0032 | 0.0032 | | | | |
| Jan-21 | pH | pH | Quarterly | 1 | 12/1/2021 | 5.86 | 5.86 | 5.86 | | | | |
| Jan-21 | Potassium | (mg/L) | Quarterly | 1 | 12/1/2021 | 2 | 2 | 2 | | | | |
| Jan-21 | Selenium | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.0002 | 0.0002 | 0.0002 | | | | |
| Jan-21 | Sodium | (mg/L) | Quarterly | 1 | 12/1/2021 | 57 | 57 | 57 | | | | |
| Jan-21 | Standing Water Level | (m) | Quarterly | 1 | 12/1/2021 | 1.88 | 1.88 | 1.88 | | | | |
| Jan-21 | Vanadium | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.003 | 0.003 | 0.003 | | | | |
| Jan-21 | Zinc | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.016 | 0.016 | 0.016 | | | | |

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 & Analyzed | Date Sampled | Lowest Sample Value | Mean of Samples | Highest Sample Value | 99 Percentile Concentration Limit | 100 Percentile Concentration Limit | Exceedance (yes/no) | Comments |
|--------|-------------------------|-----------------|------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|-----------------------------------|------------------------------------|---------------------|----------|
| Jan-21 | Aluminium | (mg/L) | Quarterly | 1 | 12/1/2021 | 2.06 | 2.06 | 2.06 | | | | |
| Jan-21 | Ammonia | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.26 | 0.26 | 0.26 | | | | |
| Jan-21 | Arsenic (III) | (mg/L) | Quarterly | 1 | 12/1/2021 | <0.001 | <0.001 | <0.001 | | | | |
| Jan-21 | Arsenic (V) | (mg/L) | Quarterly | 1 | 12/1/2021 | <0.001 | <0.001 | <0.001 | | | | |
| Jan-21 | Cadmium | (mg/L) | Quarterly | 1 | 12/1/2021 | <0.0002 | <0.0002 | <0.0002 | | | | |
| Jan-21 | Chromium (trivalent) | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.002 | 0.002 | 0.002 | | | | |
| Jan-21 | Chromium (VI) Compounds | (mg/L) | Quarterly | 1 | 12/1/2021 | <0.001 | <0.001 | <0.001 | | | | |
| Jan-21 | Copper | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.007 | 0.007 | 0.007 | | | | |
| Jan-21 | Electrical Conductivity | (us/cm) | Quarterly | 1 | 12/1/2021 | 43500 | 43500 | 43500 | | | | |
| Jan-21 | Iron | (mg/L) | Quarterly | 1 | 12/1/2021 | 118 | 118 | 118 | | | | |
| Jan-21 | Lead | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.0051 | 0.0051 | 0.0051 | | | | |
| Jan-21 | Magnesium | (mg/L) | Quarterly | 1 | 12/1/2021 | 805 | 805 | 805 | | | | |
| Jan-21 | Manganese | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.565 | 0.565 | 0.565 | | | | |
| Jan-21 | Nickel | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.0032 | 0.0032 | 0.0032 | | | | |
| Jan-21 | pH | pH | Quarterly | 1 | 12/1/2021 | 6.49 | 6.49 | 6.49 | | | | |
| Jan-21 | Potassium | (mg/L) | Quarterly | 1 | 12/1/2021 | 214 | 214 | 214 | | | | |
| Jan-21 | Selenium | (mg/L) | Quarterly | 1 | 12/1/2021 | <0.002 | <0.002 | <0.002 | | | | |
| Jan-21 | Sodium | (mg/L) | Quarterly | 1 | 12/1/2021 | 5960 | 5960 | 5960 | | | | |
| Jan-21 | Standing Water Level | (m) | Quarterly | 1 | 12/1/2021 | 0.02 | 0.02 | 0.02 | | | | |
| Jan-21 | Vanadium | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.0074 | 0.0074 | 0.0074 | | | | |
| Jan-21 | Zinc | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.059 | 0.059 | 0.059 | | | | |

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-21 | Aluminium | (mg/L) | Quarterly | 1 | 12/1/2021 | 3.84 | 3.84 | 3.84 | | | | |
| Jan-21 | Ammonia | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.06 | 0.06 | 0.06 | | | | |
| Jan-21 | Arsenic (III) | (mg/L) | Quarterly | 1 | 12/1/2021 | <0.001 | <0.001 | <0.001 | | | | |
| Jan-21 | Arsenic (V) | (mg/L) | Quarterly | 1 | 12/1/2021 | <0.001 | <0.001 | <0.001 | | | | |
| Jan-21 | Cadmium | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.00007 | 0.00007 | 0.00007 | | | | |
| Jan-21 | Chromium (trivalent) | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.006 | 0.006 | 0.006 | | | | |
| Jan-21 | Chromium (VI) Compounds | (mg/L) | Quarterly | 1 | 12/1/2021 | <0.001 | <0.001 | <0.001 | | | | |
| Jan-21 | Copper | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.007 | 0.007 | 0.007 | | | | |
| Jan-21 | Electrical Conductivity | (us/cm) | Quarterly | 1 | 12/1/2021 | 1380 | 1380 | 1380 | | | | |
| Jan-21 | Iron | (mg/L) | Quarterly | 1 | 12/1/2021 | 6.75 | 6.75 | 6.75 | | | | |
| Jan-21 | Lead | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.0046 | 0.0046 | 0.0046 | | | | |
| Jan-21 | Magnesium | (mg/L) | Quarterly | 1 | 12/1/2021 | 12 | 12 | 12 | | | | |
| Jan-21 | Manganese | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.089 | 0.089 | 0.089 | | | | |
| Jan-21 | Nickel | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.0091 | 0.0091 | 0.0091 | | | | |
| Jan-21 | pH | pH | Quarterly | 1 | 12/1/2021 | 5.60 | 5.60 | 5.60 | | | | |
| Jan-21 | Potassium | (mg/L) | Quarterly | 1 | 12/1/2021 | 2 | 2 | 2 | | | | |
| Jan-21 | Selenium | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.0003 | 0.0003 | 0.0003 | | | | |
| Jan-21 | Sodium | (mg/L) | Quarterly | 1 | 12/1/2021 | 109 | 109 | 109 | | | | |
| Jan-21 | Standing Water Level | (m) | Quarterly | 1 | 12/1/2021 | -0.28 | -0.28 | -0.28 | | | | |
| Jan-21 | Vanadium | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.0106 | 0.0106 | 0.0106 | | | | |
| Jan-21 | Zinc | (mg/L) | Quarterly | 1 | 12/1/2021 | 0.053 | 0.053 | 0.053 | | | | |

GENERAL COMMENTS