

## Vales Point Power Station Monthly Environmental Data Summary



|                  |   |
|------------------|---|
| LICENCE NO       | 761 <a href="http://www.epa.nsw.gov.au/prpoeoapp/">http://www.epa.nsw.gov.au/prpoeoapp/</a> |
| LICENCE HOLDER   | SUNSET POWER INTERNATIONAL PTY LTD  |
| REPORTING PERIOD | July 2020   |
| 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 |
| Jul-20   | Cadmium   | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   | 0.2                                |                     |          |
| Jul-20   | Chlorine  | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   | 20                                 |                     |          |
| Jul-20   | Fluorine  | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   | 30                                 |                     |          |
| Jul-20   | Hydrogen chloride                               | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   | 50                                 |                     |          |
| Jul-20   | Mercury   | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   | 0.05                               |                     |          |
| Jul-20   | Nitrogen Oxides                                 | (mg/m3)         | Continuous                   | 99.73%                       | Jul-20       | 480                 | 673             | 810                  | 1100                              | 1500                               | No                  |          |
| Jul-20   | Solid Particles                                 | (mg/m3)         | Quarterly                    |                              |              |                     |                 |                      |                                   | 50                                 |                     |          |
| Jul-20   | Sulfur dioxide                                  | (mg/m3)         | Continuous                   | 99.73%                       | Jul-20       | 169                 | 208             | 236                  | 1400                              | 1700                               | No                  |          |
| Jul-20   | Sulfuric acid mist and sulfur trioxide (as SO3) | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   | 100                                |                     |          |
| Jul-20   | Type 1 and Type 2 substances in aggregate       | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   | 0.75                               |                     |          |
| Jul-20   | 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   |
| Jul-20  | Cadmium   | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   | 0.2                                |                     |  |
| Jul-20  | Chlorine  | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   | 20                                 |                     |  |
| Jul-20  | Fluorine  | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   | 30                                 |                     |  |
| Jul-20  | Hydrogen chloride                               | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   | 50                                 |                     |  |
| Jul-20  | Mercury   | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   | 0.05                               |                     |  |
| Jul-20  | Nitrogen Oxides                                 | (mg/m3)         | Continuous                   | 100%                         | Jul-20       | 498                 | 734             | 885                  | 1100                              | 1500                               | No                  | The 99th percentile limit does not apply until 31/1/2021 |
| Jul-20  | Solid Particles                                 | (mg/m3)         | Quarterly                    |                              |              |                     |                 |                      |                                   | 50                                 |                     |  |
| Jul-20  | Sulfur dioxide                                  | (mg/m3)         | Continuous                   | 100%                         | Jul-20       | 147                 | 190             | 217                  | 1400                              | 1700                               | No                  |  |
| Jul-20  | Sulfuric acid mist and sulfur trioxide (as SO3) | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   | 100                                |                     |  |
| Jul-20  | Type 1 and Type 2 substances in aggregate       | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   | 0.75                               |                     |  |
| Jul-20  | 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                           |
| Jul-20  | Cadmium   | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Carbon dioxide                                  | (%)             | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Chlorine  | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Flow rate                                       | (m3/s)          | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Fluorine  | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Hydrogen chloride                               | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Mercury   | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Moisture  | (%)             | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Oxygen (O2)                                     | (%)             | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Solid Particles                                 | (mg/m3)         | Quarterly                    |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Sulfuric acid mist and sulfur trioxide (as SO3) | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Temperature                                     | (°C)            | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Type 1 and Type 2 substances in aggregate       | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | 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                           |
| Jul-20  | Cadmium                                   | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Flow rate                                 | (m3/s)          | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Mercury                                   | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Moisture                                  | (%)             | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Oxygen (O2)                               | (%)             | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Solid Particles                           | (mg/m3)         | Quarterly                    |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Temperature                               | (°C)            | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | 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                           |
| Jul-20  | Cadmium   | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Carbon dioxide                                  | (%)             | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Chlorine  | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Flow rate                                       | (m3/s)          | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Fluorine  | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Hydrogen chloride                               | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Mercury   | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Moisture  | (%)             | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Oxygen (O2)                                     | (%)             | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Solid Particles                                 | (mg/m3)         | Quarterly                    |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Sulfuric acid mist and sulfur trioxide (as SO3) | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Temperature                                     | (°C)            | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Type 1 and Type 2 substances in aggregate       | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | 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                           |
| Jul-20  | Cadmium                                   | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Flow rate                                 | (m3/s)          | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Mercury                                   | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Moisture                                  | (%)             | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Oxygen (O2)                               | (%)             | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Solid Particles                           | (mg/m3)         | Quarterly                    |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Temperature                               | (°C)            | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | 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                           |
| Jul-20  | Cadmium   | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Carbon dioxide                                  | (%)             | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Chlorine  | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Flow rate                                       | (m3/s)          | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Fluorine  | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Hydrogen chloride                               | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Mercury   | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Moisture  | (%)             | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Oxygen (O2)                                     | (%)             | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Solid Particles                                 | (mg/m3)         | Quarterly                    |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Sulfuric acid mist and sulfur trioxide (as SO3) | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Temperature                                     | (°C)            | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Type 1 and Type 2 substances in aggregate       | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | 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                           |
| Jul-20  | Cadmium                                   | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Flow rate                                 | (m3/s)          | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Mercury                                   | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Moisture                                  | (%)             | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Oxygen (O2)                               | (%)             | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Solid Particles                           | (mg/m3)         | Quarterly                    |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Temperature                               | (°C)            | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | 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                           |
| Jul-20  | Cadmium   | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Carbon dioxide                                  | (%)             | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Chlorine  | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Flow rate                                       | (m3/s)          | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Fluorine  | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Hydrogen chloride                               | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Mercury   | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Moisture  | (%)             | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Oxygen (O2)                                     | (%)             | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Solid Particles                                 | (mg/m3)         | Quarterly                    |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Sulfuric acid mist and sulfur trioxide (as SO3) | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Temperature                                     | (°C)            | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Type 1 and Type 2 substances in aggregate       | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | 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                           |
| Jul-20  | Cadmium                                   | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Flow rate                                 | (m3/s)          | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Mercury                                   | (mg/m3)         | Every 6 months               |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Moisture                                  | (%)             | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Oxygen (O2)                               | (%)             | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | Solid Particles                           | (mg/m3)         | Quarterly                    |                              |              |                     |                 |                      |                                   |                                    |                     |                                    |
| Jul-20  | Temperature                               | (°C)            | Continuous                   |                              |              |                     |                 |                      |                                   |                                    |                     | Not required until 31 October 2021 |
| Jul-20  | 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 |
| Jul-20  | Nitrogen Oxides | (mg/m3)         | Continuous                   | 100%                         | Jul-20       | 457                 | 665             | 802                  |                                   |                                    |                     |          |
| Jul-20  | Sulfur dioxide  | (mg/m3)         | Continuous                   | 100%                         | Jul-20       | 401                 | 488             | 552                  |                                   |                                    |                     |          |

| 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 |
| Jul-20  | Nitrogen Oxides | (mg/m3)         | Continuous                   | 99.46%                       | Jul-20       | 503                 | 682             | 862                  |                                   |                                    |                     |          |
| Jul-20  | Sulfur dioxide  | (mg/m3)         | Continuous                   | 99.46%                       | Jul-20       | 483                 | 603             | 684                  |                                   |                                    |                     |          |

| 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 |
| Jul-20  | Nitrogen Oxides | (mg/m3)         | Continuous                   | 100%                         | Jul-20       | 441                 | 672             | 835                  |                                   |                                    |                     |          |
| Jul-20  | Sulfur dioxide  | (mg/m3)         | Continuous                   | 100%                         | Jul-20       | 392                 | 498             | 582                  |                                   |                                    |                     |          |

**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 |
|--------|-----------------|-----------------|------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|-----------------------------------|------------------------------------|---------------------|----------|
| Jul-20 | Nitrogen Oxides | (mg/m3)         | Continuous                   | 100%                         | Jul-20       | 555                 | 796             | 959                  |                                   |                                    |                     |          |
| Jul-20 | Sulfur dioxide  | (mg/m3)         | Continuous                   | 100%                         | Jul-20       | 361                 | 496             | 575                  |                                   |                                    |                     |          |

**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 |
|--------|--------------------------|-----------------|------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|-----------------------------------|------------------------------------|---------------------|----------|
| Jul-20 | Chlorine (free residual) | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | <0.1                | <0.1            | <0.1                 |                                   | 0.2                                | No                  |          |
| Jul-20 | Copper                   | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | 0.004               | 0.004           | 0.004                |                                   | 0.005                              | No                  |          |
| Jul-20 | Iron                     | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | 0.1                 | 0.1             | 0.1                  |                                   | 0.3                                | No                  |          |
| Jul-20 | Oil and Grease           | Visible         | Continuous during discharge  | 100%                         | Jul-20       |                     |                 |                      |                                   |                                    |                     |          |
| Jul-20 | Selenium                 | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | <0.002              | <0.002          | <0.002               |                                   | 0.005                              | No                  |          |
| Jul-20 | Temperature              | (°C)            | Continuous during discharge  | 100%                         | Jul-20       |                     |                 |                      | 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 |
|--------|---------------------------------------|-----------------|------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|-----------------------------------|------------------------------------|---------------------|----------|
| Jul-20 | Aluminium                             | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | 0.036               | 0.036           | 0.036                |                                   |                                    |                     |          |
| Jul-20 | Ammonia                               | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | 0.04                | 0.04            | 0.04                 |                                   |                                    |                     |          |
| Jul-20 | Arsenic (III)                         | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | <0.0050             | <0.0050         | <0.0050              |                                   |                                    |                     |          |
| Jul-20 | Arsenic (V)                           | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | <0.0050             | <0.0050         | <0.0050              |                                   |                                    |                     |          |
| Jul-20 | Cadmium                               | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | <0.0002             | <0.0002         | <0.0002              |                                   |                                    |                     |          |
| Jul-20 | Chromium (trivalent)                  | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | <0.001              | <0.001          | <0.001               |                                   |                                    |                     |          |
| Jul-20 | Chromium (VI) Compounds               | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | 0.01                | 0.01            | 0.01                 |                                   |                                    |                     |          |
| Jul-20 | Copper                                | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | <0.001              | <0.001          | <0.001               |                                   |                                    |                     |          |
| Jul-20 | Iron                                  | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | 0.036               | 0.036           | 0.036                |                                   |                                    |                     |          |
| Jul-20 | Lead                                  | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | <0.0002             | <0.0002         | <0.0002              |                                   |                                    |                     |          |
| Jul-20 | Manganese                             | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | 0.0041              | 0.0041          | 0.0041               |                                   |                                    |                     |          |
| Jul-20 | Nickel                                | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | <0.0005             | <0.0005         | <0.0005              |                                   |                                    |                     |          |
| Jul-20 | Nitrate + nitrite (oxidised nitrogen) | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | 0.03                | 0.03            | 0.03                 |                                   |                                    |                     |          |
| Jul-20 | Nitrogen                              | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | <0.5                | <0.5            | <0.5                 |                                   |                                    |                     |          |
| Jul-20 | pH                                    | pH              | Monthly during discharge     | 1                            | 8/7/2020     | 8.77                | 8.77            | 8.77                 |                                   | 6.5 - 9.5                          | No                  |          |
| Jul-20 | Phosphorus                            | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | <0.05               | <0.05           | <0.05                |                                   |                                    |                     |          |
| Jul-20 | Reactive Phosphorus                   | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | 0.01                | 0.01            | 0.01                 |                                   |                                    |                     |          |
| Jul-20 | Selenium                              | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | 0.042               | 0.042           | 0.042                |                                   |                                    |                     |          |
| Jul-20 | Total Kjeldahl Nitrogen               | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | <0.5                | <0.5            | <0.5                 |                                   |                                    |                     |          |
| Jul-20 | Total Suspended Solids                | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | 3                   | 3               | 3                    |                                   | 50                                 | No                  |          |
| Jul-20 | Vanadium                              | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | 0.0334              | 0.0334          | 0.0334               |                                   |                                    |                     |          |
| Jul-20 | Zinc                                  | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     | <0.005              | <0.005          | <0.005               |                                   |                                    |                     |          |

**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 | 99 Percentile Concentration Limit | 100 Percentile Concentration Limit | Exceedance (yes/no) | Comments  |
|--------|---------------------------------------|-----------------|------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|-----------------------------------|------------------------------------|---------------------|---|
| Jul-20 | Aluminium                             | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Ammonia                               | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Arsenic (III)                         | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Arsenic (V)                           | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Cadmium                               | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Chromium (trivalent)                  | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Chromium (VI) Compounds               | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Copper                                | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Iron                                  | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Lead                                  | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Manganese                             | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     |                     |                 |                      |                                   |                                    |                     | No discharge from EPA Point 24 during July 2020 |
| Jul-20 | Nickel                                | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Nitrate + nitrite (oxidised nitrogen) | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Nitrogen                              | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | pH                                    | pH              | Monthly during discharge     | 1                            | 8/7/2020     |                     |                 |                      |                                   | 6.5 - 9.5                          |                     |   |
| Jul-20 | Phosphorus                            | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Reactive Phosphorus                   | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Selenium                              | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Total Kjeldahl Nitrogen               | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Total Suspended Solids                | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     |                     |                 |                      |                                   | 50                                 |                     |   |
| Jul-20 | Vanadium                              | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Zinc                                  | (mg/L)          | Monthly during discharge     | 1                            | 8/7/2020     |                     |                 |                      |                                   |                                    |                     |   |

**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 | 99 Percentile Concentration Limit | 100 Percentile Concentration Limit | Exceedance (yes/no) | Comments  |
|--------|---------------------------------------|-----------------|--------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|-----------------------------------|------------------------------------|---------------------|---|
| Jul-20 | Aluminium                             | (mg/L)          | Daily for any discharge >2 hrs | 1                            |              |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Ammonia                               | (mg/L)          | Daily for any discharge >2 hrs | 1                            |              |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Arsenic (III)                         | (mg/L)          | Daily for any discharge >2 hrs | 1                            |              |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Arsenic (V)                           | (mg/L)          | Daily for any discharge >2 hrs | 1                            |              |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Cadmium                               | (mg/L)          | Daily for any discharge >2 hrs | 1                            |              |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Chromium (trivalent)                  | (mg/L)          | Daily for any discharge >2 hrs | 1                            |              |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Chromium (VI) Compounds               | (mg/L)          | Daily for any discharge >2 hrs | 1                            |              |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Copper                                | (mg/L)          | Daily for any discharge >2 hrs | 1                            |              |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Iron                                  | (mg/L)          | Daily for any discharge >2 hrs | 1                            |              |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Lead                                  | (mg/L)          | Daily for any discharge >2 hrs | 1                            |              |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Manganese                             | (mg/L)          | Daily for any discharge >2 hrs | 1                            |              |                     |                 |                      |                                   |                                    |                     | No discharge from EPA Point 25 during July 2020 |
| Jul-20 | Nickel                                | (mg/L)          | Daily for any discharge >2 hrs | 1                            |              |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Nitrate + nitrite (oxidised nitrogen) | (mg/L)          | Daily for any discharge >2 hrs | 1                            |              |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Nitrogen                              | (mg/L)          | Daily for any discharge >2 hrs | 1                            |              |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | pH                                    | pH              | Daily for any discharge >2 hrs | 1                            |              |                     |                 |                      |                                   | 6.5 - 9.5                          |                     |   |
| Jul-20 | Phosphorus                            | (mg/L)          | Daily for any discharge >2 hrs | 1                            |              |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Reactive Phosphorus                   | (mg/L)          | Daily for any discharge >2 hrs | 1                            |              |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Selenium                              | (mg/L)          | Daily for any discharge >2 hrs | 1                            |              |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Total Kjeldahl Nitrogen               | (mg/L)          | Daily for any discharge >2 hrs | 1                            |              |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Total Suspended Solids                | (mg/L)          | Daily for any discharge >2 hrs | 1                            |              |                     |                 |                      |                                   | 50                                 |                     |   |
| Jul-20 | Vanadium                              | (mg/L)          | Daily for any discharge >2 hrs | 1                            |              |                     |                 |                      |                                   |                                    |                     |   |
| Jul-20 | Zinc                                  | (mg/L)          | Daily for any discharge >2 hrs | 1                            |              |                     |                 |                      |                                   |                                    |                     |   |

**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 |
|--------|-------------------------|-----------------|------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|-----------------------------------|------------------------------------|---------------------|----------|
| Jul-20 | Aluminium               | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.451               | 0.451           | 0.451                |                                   |                                    |                     |          |
| Jul-20 | Ammonia                 | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 4.26                | 4.26            | 4.26                 |                                   |                                    |                     |          |
| Jul-20 | Arsenic (III)           | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | <0.0050             | <0.0050         | <0.0050              |                                   |                                    |                     |          |
| Jul-20 | Arsenic (V)             | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | <0.0050             | <0.0050         | <0.0050              |                                   |                                    |                     |          |
| Jul-20 | Cadmium                 | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | <0.0002             | <0.0002         | <0.0002              |                                   |                                    |                     |          |
| Jul-20 | Chromium (trivalent)    | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | <0.001              | <0.001          | <0.001               |                                   |                                    |                     |          |
| Jul-20 | Chromium (VI) Compounds | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | <0.001              | <0.001          | <0.001               |                                   |                                    |                     |          |
| Jul-20 | Copper                  | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.004               | 0.004           | 0.004                |                                   |                                    |                     |          |
| Jul-20 | Electrical Conductivity | (us/cm)         | Quarterly                    | 1                            | 8/7/2020     | 35800               | 35800           | 35800                |                                   |                                    |                     |          |
| Jul-20 | Iron                    | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 81.8                | 81.8            | 81.8                 |                                   |                                    |                     |          |
| Jul-20 | Lead                    | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.0015              | 0.0015          | 0.0015               |                                   |                                    |                     |          |
| Jul-20 | Magnesium               | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 909                 | 909             | 909                  |                                   |                                    |                     |          |
| Jul-20 | Manganese               | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 5.41                | 5.41            | 5.41                 |                                   |                                    |                     |          |
| Jul-20 | Nickel                  | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.0217              | 0.0217          | 0.0217               |                                   |                                    |                     |          |
| Jul-20 | pH                      | pH              | Quarterly                    | 1                            | 8/7/2020     | 5.63                | 5.63            | 5.63                 |                                   |                                    |                     |          |
| Jul-20 | Potassium               | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 95                  | 95              | 95                   |                                   |                                    |                     |          |
| Jul-20 | Selenium                | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | <0.002              | <0.002          | <0.002               |                                   |                                    |                     |          |
| Jul-20 | Sodium                  | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 6180                | 6180            | 6180                 |                                   |                                    |                     |          |
| Jul-20 | Standing Water Level    | (m)             | Quarterly                    | 1                            | 8/7/2020     | 3.87                | 3.87            | 3.87                 |                                   |                                    |                     |          |
| Jul-20 | Vanadium                | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | <0.0005             | <0.0005         | <0.0005              |                                   |                                    |                     |          |
| Jul-20 | Zinc                    | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 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 |
|--------|-------------------------|-----------------|------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|-----------------------------------|------------------------------------|---------------------|----------|
| Jul-20 | Aluminium               | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 1.15                | 1.15            | 1.15                 |                                   |                                    |                     |          |
| Jul-20 | Ammonia                 | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.03                | 0.03            | 0.03                 |                                   |                                    |                     |          |
| Jul-20 | Arsenic (III)           | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.0009              | 0.0009          | 0.0009               |                                   |                                    |                     |          |
| Jul-20 | Arsenic (V)             | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | <0.0005             | <0.0005         | <0.0005              |                                   |                                    |                     |          |
| Jul-20 | Cadmium                 | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.00015             | 0.00015         | 0.00015              |                                   |                                    |                     |          |
| Jul-20 | Chromium (trivalent)    | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.002               | 0.002           | 0.002                |                                   |                                    |                     |          |
| Jul-20 | Chromium (VI) Compounds | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | <0.001              | <0.001          | <0.001               |                                   |                                    |                     |          |
| Jul-20 | Copper                  | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.0201              | 0.0201          | 0.0201               |                                   |                                    |                     |          |
| Jul-20 | Electrical Conductivity | (us/cm)         | Quarterly                    | 1                            | 8/7/2020     | 3020                | 3020            | 3020                 |                                   |                                    |                     |          |
| Jul-20 | Iron                    | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 2.56                | 2.56            | 2.56                 |                                   |                                    |                     |          |
| Jul-20 | Lead                    | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.0056              | 0.0056          | 0.0056               |                                   |                                    |                     |          |
| Jul-20 | Magnesium               | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 42                  | 42              | 42                   |                                   |                                    |                     |          |
| Jul-20 | Manganese               | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.0696              | 0.0696          | 0.0696               |                                   |                                    |                     |          |
| Jul-20 | Nickel                  | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.0076              | 0.0076          | 0.0076               |                                   |                                    |                     |          |
| Jul-20 | pH                      | pH              | Quarterly                    | 1                            | 8/7/2020     | 5.72                | 5.72            | 5.72                 |                                   |                                    |                     |          |
| Jul-20 | Potassium               | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 5                   | 5               | 5                    |                                   |                                    |                     |          |
| Jul-20 | Selenium                | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.0008              | 0.0008          | 0.0008               |                                   |                                    |                     |          |
| Jul-20 | Sodium                  | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 446                 | 446             | 446                  |                                   |                                    |                     |          |
| Jul-20 | Standing Water Level    | (m)             | Quarterly                    | 1                            | 8/7/2020     | 0.66                | 0.66            | 0.66                 |                                   |                                    |                     |          |
| Jul-20 | Vanadium                | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.0026              | 0.0026          | 0.0026               |                                   |                                    |                     |          |
| Jul-20 | Zinc                    | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 1.94                | 1.94            | 1.94                 |                                   |                                    |                     |          |

**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 |
|--------|-------------------------|-----------------|------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|-----------------------------------|------------------------------------|---------------------|----------|
| Jul-20 | Aluminium               | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.866               | 0.866           | 0.866                |                                   |                                    |                     |          |
| Jul-20 | Ammonia                 | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.01                | 0.01            | 0.01                 |                                   |                                    |                     |          |
| Jul-20 | Arsenic (III)           | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | <0.0005             | <0.0005         | <0.0005              |                                   |                                    |                     |          |
| Jul-20 | Arsenic (V)             | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | <0.0005             | <0.0005         | <0.0005              |                                   |                                    |                     |          |
| Jul-20 | Cadmium                 | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | <0.00005            | <0.00005        | <0.00005             |                                   |                                    |                     |          |
| Jul-20 | Chromium (trivalent)    | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.002               | 0.002           | 0.002                |                                   |                                    |                     |          |
| Jul-20 | Chromium (VI) Compounds | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | <0.001              | <0.001          | <0.001               |                                   |                                    |                     |          |
| Jul-20 | Copper                  | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.0044              | 0.0044          | 0.0044               |                                   |                                    |                     |          |
| Jul-20 | Electrical Conductivity | (us/cm)         | Quarterly                    | 1                            | 8/7/2020     | 939                 | 939             | 939                  |                                   |                                    |                     |          |
| Jul-20 | Iron                    | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 7.30                | 7.30            | 7.30                 |                                   |                                    |                     |          |
| Jul-20 | Lead                    | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.0015              | 0.0015          | 0.0015               |                                   |                                    |                     |          |
| Jul-20 | Magnesium               | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 11                  | 11              | 11                   |                                   |                                    |                     |          |
| Jul-20 | Manganese               | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.0778              | 0.0778          | 0.0778               |                                   |                                    |                     |          |
| Jul-20 | Nickel                  | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.0056              | 0.0056          | 0.0056               |                                   |                                    |                     |          |
| Jul-20 | pH                      | pH              | Quarterly                    | 1                            | 8/7/2020     | 6.19                | 6.19            | 6.19                 |                                   |                                    |                     |          |
| Jul-20 | Potassium               | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 2                   | 2               | 2                    |                                   |                                    |                     |          |
| Jul-20 | Selenium                | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | <0.0002             | <0.0002         | <0.0002              |                                   |                                    |                     |          |
| Jul-20 | Sodium                  | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 64                  | 64              | 64                   |                                   |                                    |                     |          |
| Jul-20 | Standing Water Level    | (m)             | Quarterly                    | 1                            | 8/7/2020     | 2.47                | 2.47            | 2.47                 |                                   |                                    |                     |          |
| Jul-20 | Vanadium                | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.0015              | 0.0015          | 0.0015               |                                   |                                    |                     |          |
| Jul-20 | Zinc                    | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.015               | 0.015           | 0.015                |                                   |                                    |                     |          |

**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 |
|--------|-------------------------|-----------------|------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|-----------------------------------|------------------------------------|---------------------|----------|
| Jul-20 | Aluminium               | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 1.37                | 1.37            | 1.37                 |                                   |                                    |                     |          |
| Jul-20 | Ammonia                 | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.44                | 0.44            | 0.44                 |                                   |                                    |                     |          |
| Jul-20 | Arsenic (III)           | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | <0.0050             | <0.0050         | <0.0050              |                                   |                                    |                     |          |
| Jul-20 | Arsenic (V)             | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | <0.0050             | <0.0050         | <0.0050              |                                   |                                    |                     |          |
| Jul-20 | Cadmium                 | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | <0.0002             | <0.0002         | <0.0002              |                                   |                                    |                     |          |
| Jul-20 | Chromium (trivalent)    | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.002               | 0.002           | 0.002                |                                   |                                    |                     |          |
| Jul-20 | Chromium (VI) Compounds | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | <0.001              | <0.001          | <0.001               |                                   |                                    |                     |          |
| Jul-20 | Copper                  | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.003               | 0.003           | 0.003                |                                   |                                    |                     |          |
| Jul-20 | Electrical Conductivity | (us/cm)         | Quarterly                    | 1                            | 8/7/2020     | 51700               | 51700           | 51700                |                                   |                                    |                     |          |
| Jul-20 | Iron                    | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 435                 | 435             | 435                  |                                   |                                    |                     |          |
| Jul-20 | Lead                    | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.0033              | 0.0033          | 0.0033               |                                   |                                    |                     |          |
| Jul-20 | Magnesium               | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 1490                | 1490            | 1490                 |                                   |                                    |                     |          |
| Jul-20 | Manganese               | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.584               | 0.584           | 0.584                |                                   |                                    |                     |          |
| Jul-20 | Nickel                  | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.0044              | 0.0044          | 0.0044               |                                   |                                    |                     |          |
| Jul-20 | pH                      | pH              | Quarterly                    | 1                            | 8/7/2020     | 6.24                | 6.24            | 6.24                 |                                   |                                    |                     |          |
| Jul-20 | Potassium               | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 340                 | 340             | 340                  |                                   |                                    |                     |          |
| Jul-20 | Selenium                | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.002               | 0.002           | 0.002                |                                   |                                    |                     |          |
| Jul-20 | Sodium                  | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 10800               | 10800           | 10800                |                                   |                                    |                     |          |
| Jul-20 | Standing Water Level    | (m)             | Quarterly                    | 1                            | 8/7/2020     | 0.13                | 0.13            | 0.13                 |                                   |                                    |                     |          |
| Jul-20 | Vanadium                | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.004               | 0.004           | 0.004                |                                   |                                    |                     |          |
| Jul-20 | Zinc                    | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.054               | 0.054           | 0.054                |                                   |                                    |                     |          |

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 |
|--------|-------------------------|-----------------|------------------------------|------------------------------|--------------|---------------------|-----------------|----------------------|-----------------------------------|------------------------------------|---------------------|----------|
| Jul-20 | Aluminium               | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 2.63                | 2.63            | 2.63                 |                                   |                                    |                     |          |
| Jul-20 | Ammonia                 | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.02                | 0.02            | 0.02                 |                                   |                                    |                     |          |
| Jul-20 | Arsenic (III)           | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | <0.0005             | <0.0005         | <0.0005              |                                   |                                    |                     |          |
| Jul-20 | Arsenic (V)             | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | <0.0005             | <0.0005         | <0.0005              |                                   |                                    |                     |          |
| Jul-20 | Cadmium                 | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.00006             | 0.00006         | 0.00006              |                                   |                                    |                     |          |
| Jul-20 | Chromium (trivalent)    | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.005               | 0.005           | 0.005                |                                   |                                    |                     |          |
| Jul-20 | Chromium (VI) Compounds | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | <0.001              | <0.001          | <0.001               |                                   |                                    |                     |          |
| Jul-20 | Copper                  | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.0068              | 0.0068          | 0.0068               |                                   |                                    |                     |          |
| Jul-20 | Electrical Conductivity | (us/cm)         | Quarterly                    | 1                            | 8/7/2020     | 1610                | 1610            | 1610                 |                                   |                                    |                     |          |
| Jul-20 | Iron                    | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 4.92                | 4.92            | 4.92                 |                                   |                                    |                     |          |
| Jul-20 | Lead                    | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.0053              | 0.0053          | 0.0053               |                                   |                                    |                     |          |
| Jul-20 | Magnesium               | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 12                  | 12              | 12                   |                                   |                                    |                     |          |
| Jul-20 | Manganese               | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.108               | 0.108           | 0.108                |                                   |                                    |                     |          |
| Jul-20 | Nickel                  | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.0083              | 0.0083          | 0.0083               |                                   |                                    |                     |          |
| Jul-20 | pH                      | pH              | Quarterly                    | 1                            | 8/7/2020     | 5.53                | 5.53            | 5.53                 |                                   |                                    |                     |          |
| Jul-20 | Potassium               | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 2                   | 2               | 2                    |                                   |                                    |                     |          |
| Jul-20 | Selenium                | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.0003              | 0.0003          | 0.0003               |                                   |                                    |                     |          |
| Jul-20 | Sodium                  | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 118                 | 118             | 118                  |                                   |                                    |                     |          |
| Jul-20 | Standing Water Level    | (m)             | Quarterly                    | 1                            | 8/7/2020     | -0.05               | -0.05           | -0.05                |                                   |                                    |                     |          |
| Jul-20 | Vanadium                | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.0111              | 0.0111          | 0.0111               |                                   |                                    |                     |          |
| Jul-20 | Zinc                    | (mg/L)          | Quarterly                    | 1                            | 8/7/2020     | 0.054               | 0.054           | 0.054                |                                   |                                    |                     |          |

**GENERAL COMMENTS**

The EPA issued a new version of the Vales Point Power Station Environment Protection Licence on 23 July 2020. The new licence includes some additional analytes, changes to some sampling frequencies and changed sampling point ID's.