

Point-2: Discharge to Air

| Element | Carbon dioxide | Dry gas density | Moisture content | Molecular weight of stack gases | Nitrogen Oxides | Temperature | Velocity | Volatile organic compound | Volumetric flow rate | | |
|------------------|-----------------------|-------------------|-------------------|---------------------------------|-------------------|--------------------|-------------------|---------------------------|----------------------|--------------------|-------------------|
| Unit of measure | % | kg/m3 | % | g/gmole | mg/m3 | deg C | m/s | mg/m3 | m3/s | | |
| Frequency | Annual | Annual | Annual | Annual | Annual | Continuous | Annual | Annual | Continuous | | |
| Date of Sampling | Date Results obtained | Test Results | | | | | | | | | |
| 27/08/2018 | 19/09/2018 | Min Avg Max | 2 2.8 3.9 | N/A 1.3 N/A | N/A 6.3 N/A | N/A 29.2 N/A | 80 130 200 | N/A 573 N/A | N/A 15 N/A | N/A 0.76 N/A | N/A 2.8 N/A |
| 19/06/2019 | 12/07/2019 | Min Avg Max | 2.6 2.8 3.1 | N/A 1.3 N/A | N/A 5.2 N/A | N/A 28.6 N/A | 120 160 180 | N/A 614 N/A | N/A 18 N/A | N/A <0.1 N/A | N/A 3.3 N/A |
| 2/07/2020 | 31/07/2020 | Min Avg Max | 3 3.1 3.1 | N/A 1.31 N/A | N/A 5.1 N/A | N/A 29.3 N/A | 140 140 150 | N/A 622 N/A | N/A 15 N/A | N/A <0.1 N/A | N/A 2.8 N/A |
| 11/08/2021 | 15/09/2021 | Min Avg Max | 2.4 2.8 3.4 | N/A 1.3 N/A | N/A 5.1 N/A | N/A 29.2 N/A | 100 130 150 | N/A 602 N/A | N/A 18 N/A | N/A 0.87 N/A | N/A 3.4 N/A |
| | | | | | | | | | | | |

Point-4: Thermal Oxidiser

| Month | Combustion Temperature (°C) | | | Residence Time (s) | | |
|--------|-----------------------------|-----|------|--------------------|-----|------|
| | Min | Max | Mean | Min | Max | Mean |
| Jan-18 | 762 | 762 | 762 | 2 | 2 | 2 |
| Feb-18 | 760 | 761 | 765 | 2 | 2 | 2 |
| Mar-18 | 764 | 765 | 764 | 2 | 2 | 2 |
| Apr-18 | 763 | 764 | 763 | 2 | 2 | 2 |
| May-18 | 764 | 765 | 765 | 2 | 2 | 2 |
| Jun-18 | 769 | 770 | 770 | 2 | 2 | 2 |
| Jul-18 | 769 | 771 | 770 | 2 | 2 | 2 |
| Aug-18 | 769 | 771 | 770 | 2 | 2 | 2 |
| Sep-18 | 769 | 770 | 769 | 2 | 2 | 2 |
| Oct-18 | 768 | 770 | 769 | 2 | 2 | 2 |
| Nov-18 | 769 | 770 | 769 | 2 | 2 | 2 |
| Dec-18 | 769 | 770 | 770 | 2 | 2 | 2 |
| Jan-19 | 769 | 770 | 770 | 2 | 2 | 2 |
| Feb-19 | 769 | 770 | 770 | 2 | 2 | 2 |
| Mar-19 | 769 | 770 | 770 | 2 | 2 | 2 |
| Apr-19 | 769 | 770 | 770 | 2 | 2 | 2 |
| May-19 | 769 | 770 | 770 | 2 | 2 | 2 |
| Jun-19 | 770 | 770 | 770 | 2 | 2 | 2 |
| Jul-19 | 770 | 770 | 770 | 2 | 2 | 2 |
| Aug-19 | 769 | 770 | 770 | 2 | 2 | 2 |
| Sep-19 | 769 | 770 | 770 | 2 | 2 | 2 |
| Oct-19 | 769 | 770 | 770 | 2 | 2 | 2 |
| Nov-19 | 769 | 770 | 769 | 2 | 2 | 2 |
| Dec-19 | 767 | 769 | 768 | 2 | 2 | 2 |
| Jan-20 | 768 | 770 | 769 | 2 | 2 | 2 |
| Feb-20 | 768 | 769 | 769 | 2 | 2 | 2 |
| Mar-20 | 768 | 770 | 769 | 2 | 2 | 2 |
| Apr-20 | 768 | 770 | 769 | 2 | 2 | 2 |
| May-20 | 769 | 770 | 769 | 2 | 2 | 2 |
| Jun-20 | 768 | 770 | 769 | 2 | 2 | 2 |
| Jul-20 | 782 | 783 | 782 | 2 | 2 | 2 |
| Aug-20 | 768 | 769 | 769 | 2 | 2 | 2 |
| Sep-20 | 769 | 769 | 769 | 2 | 2 | 2 |
| Oct-20 | 768 | 770 | 769 | 2 | 2 | 2 |
| Nov-20 | 766 | 772 | 769 | 2 | 2 | 2 |
| Dec-20 | 769 | 770 | 770 | 2 | 2 | 2 |
| Jan-21 | 768 | 769 | 769 | 2 | 2 | 2 |
| Feb-21 | 769 | 770 | 770 | 2 | 2 | 2 |
| Mar-21 | 770 | 771 | 770 | 2 | 2 | 2 |
| Apr-21 | 769 | 770 | 770 | 2 | 2 | 2 |
| May-21 | 769 | 770 | 770 | 2 | 2 | 2 |
| Jun-21 | 769 | 770 | 769 | 2 | 2 | 2 |
| Jul-21 | 768 | 770 | 769 | 2 | 2 | 2 |
| Aug-21 | 768 | 770 | 769 | 2 | 2 | 2 |
| Sep-21 | 768 | 770 | 769 | 2 | 2 | 2 |
| Oct-21 | 768 | 769 | 768 | 2 | 2 | 2 |
| Nov-21 | 762 | 764 | 763 | 2 | 2 | 2 |
| Dec-21 | 768 | 770 | 769 | 2 | 2 | 2 |
| Jan-22 | 767 | 768 | 767 | 2 | 2 | 2 |
| Feb-22 | 767 | 768 | 768 | 2 | 2 | 2 |
| Mar-22 | 768 | 769 | 768 | 2 | 2 | 2 |
| Apr-22 | 768 | 770 | 769 | 2 | 2 | 2 |
| May-22 | 768 | 769 | 769 | 2 | 2 | 2 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Point-5: AS/SVE Emission Stack

| | Element | Total Volatile Organic Compounds | Toluene | Ethylbenzene | Xylene |
|------------------|-----------------------|----------------------------------|-------------------|-------------------|-------------------|
| | Unit of Measure | mg/m ³ | mg/m ³ | mg/m ³ | mg/m ³ |
| | Limit | 428 | 117 | 250 | 61 |
| Date of Sampling | Date Results Obtained | Test Results | | | |
| 30/01/2018 | 31/01/2018 | 4.5 | 0.61 | 0.09 | 2.6 |
| 22/02/2018 | 23/02/2018 | 4.6 | 0.20 | <0.022 | 2.8 |
| 14/03/2018 | 15/03/2018 | 5.0 | 0.33 | 0.02 | 3.0 |
| 25/06/2018 | 26/06/2018 | 2.3 | 0.41 | 0.20 | 1.3 |
| 7/09/2018 | 8/09/2018 | 3.2 | 0.20 | 0.05 | 1.9 |
| 9/11/2018 | 9/11/2018 | 2.0 | 0.22 | 0.09 | 1.1 |
| 14/12/2018 | 14/12/2018 | 2.0 | 0.20 | <0.022 | 1.2 |
| 10/01/2019 | 10/01/2019 | 2.1 | 0.20 | <0.022 | 1.2 |
| 14/02/2019 | 14/02/2019 | 1.7 | 0.20 | <0.022 | 1.0 |
| 8/03/2019 | 8/03/2019 | 1.6 | 0.20 | <0.022 | 0.9 |
| 29/04/2019 | 29/04/2019 | 3.8 | 0.20 | <0.022 | 2.4 |
| 29/05/2019 | 29/05/2019 | 1.2 | 0.20 | <0.022 | 0.6 |
| 27/06/2019 | 27/06/2019 | 0.9 | 0.10 | <0.022 | 0.6 |
| 29/07/2019 | 30/07/2019 | 0.8 | 0.10 | <0.022 | 0.5 |
| 14/08/2019 | 15/08/2019 | 0.6 | 0.10 | <0.022 | 0.4 |
| 12/09/2019 | 12/09/2019 | 1.1 | 0.10 | 0.05 | 0.7 |
| 9/10/2019 | 10/10/2019 | 1.0 | 0.10 | 0.03 | 0.6 |
| 25/11/2019 | 26/11/2019 | 1.0 | 0.10 | <0.022 | 0.6 |
| 18/12/2019 | - | system not operational | | | |
| 23/01/2020 | 24/01/2020 | 1.4 | 0.56 | 0.03 | 0.6 |
| 28/02/2020 | 28/02/2020 | 0.4 | 0.04 | <0.022 | 0.3 |
| 9/03/2020 | 10/03/2020 | 0.5 | 0.10 | <0.022 | 0.3 |
| 5/04/2020 | 6/04/2020 | 0.7 | 0.21 | <0.022 | 0.3 |
| 7/05/2020 | 8/05/2020 | 0.4 | 0.20 | <0.022 | 0.2 |
| 2/06/2020 | 3/06/2020 | 0.5 | 0.10 | <0.022 | 0.27 |
| 1/07/2020 | 2/07/2020 | 0.4 | 0.20 | <0.022 | 0.15 |
| 3/08/2020 | 4/08/2020 | 0.3 | 0.20 | <0.022 | 0.08 |
| 9/09/2020 | 10/09/2020 | 0.2 | 0.04 | <0.022 | 0.09 |
| 13/10/2020 | 14/10/2020 | 0.3 | 0.20 | <0.022 | 0.06 |
| 27/11/2020 | 30/11/2020 | 0.2 | 0.19 | <0.022 | 0.04 |
| 22/12/2020 | 23/12/2020 | 1.1 | 0.80 | <0.022 | 0.04 |
| 19/01/2021 | 20/01/2021 | 1.1 | 0.93 | <0.022 | 0.02 |
| 4/02/2021 | 5/02/2021 | 0.9 | 0.68 | <0.022 | 0.04 |
| 23/03/2021 | 7/04/2021 | 0.82 | 0.70 | <0.022 | <0.02 |
| 22/04/2021 | 10/05/2021 | 0.39 | 0.39 | <0.022 | <0.022 |
| 21/05/2021 | 11/06/2021 | 0.54 | 0.42 | <0.022 | <0.022 |
| 29/06/2021 | 26/07/2021 | 10.16 | 0.41 | 4.900 | 4.34 |
| 3/08/2021 | 17/09/2021 | 0.23 | 0.10 | <0.022 | 0.02 |
| 1/09/2021 | 8/09/2021 | 1.30 | 0.90 | <0.022 | 0.04 |
| 27/09/2021 | 29/09/2021 | 0.08 | <0.019 | <0.022 | 0.04 |
| 23/12/2021 | 21/01/2022 | 0.44 | <0.019 | <0.022 | 0.07 |
| 22/04/2022 | 26/04/2022 | 0.07 | <0.019 | <0.022 | 0.07 |
| | | | | | |
| | | | | | |
| | | | | | |

Point-6: Groundwater Monitoring

| Date of Sampling | Date Results Obtained | Element | 1,2-Dichloroethane | cis-1,2-Dichloroethylene | trans-1,2-Dichloroethylene | Carbon Tetrachloride | Chloroform | Chloromethane | Methylene Chloride | Tetrachloroethene | Trichloroethene | Vinyl chloride |
|------------------|-----------------------|-----------------|--------------------|--------------------------|----------------------------|----------------------|-------------|---------------|----------------------------|-------------------|-----------------|----------------|
| | | Unit of Measure | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| 30/01/2018 | 8/02/2018 | | <50 | <50 | <50 | <50 | <50 | <500 | <50 | <50 | <50 | <500 |
| 22/02/2018 | 6/03/2018 | | <50 | <50 | <50 | <50 | <50 | <500 | <50 | <50 | <50 | <500 |
| | | Element | Ethyl benzene | Toluene | TPH C6-C9 Fraction | TPH C10-C14 | TPH C15-C28 | TPH C29-C36 | Volatile Organic Compounds | Xylene | | |
| | | Unit of Measure | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | | |
| Date of Sampling | Date Results Obtained | Test Results | | | | | | | | | | |
| 3/02/2021 | 9/02/2021 | 17600 | 1040 | 52000 | 3150 | 170 | <50 | 56416 | 15700 | | | |
| 26/03/2021 | 7/04/2021 | 30600 | 16400 | 105000 | 2490 | <100 | <50 | 110800 | 23200 | | | |
| 22/04/2021 | 10/05/2021 | 30100 | 15200 | 93600 | 2590 | <100 | <50 | 100390 | 23800 | | | |
| 17/05/2021 | 11/06/2021 | 45000 | 11000 | 120000 | 8000 | 1200 | 100 | 109940 | 37000 | | | |
| 29/06/2021 | 26/07/2021 | 31200 | 4290 | 87100 | 9610 | 870 | <50 | 96040 | 24700 | | | |
| 2/08/2021 | 17/09/2021 | 26600 | 3380 | 82300 | 7560 | <100 | <50 | 92560 | 25900 | | | |
| 1/09/2021 | 17/09/2021 | 9110 | 730 | 32600 | 4100 | 260 | 4360 | 40200 | 13100 | | | |
| 25/10/2021 | 24/01/2022 | 5360 | 627 | 18600 | 3320 | 240 | <50 | 23270 | 7950 | | | |
| 17/01/2022 | 4/02/2022 | 935 | 105 | 4700 | 560 | 180 | <50 | 5240 | 1890 | | | |
| 16/02/2022 | 11/05/2022 | 3440 | 515 | 14300 | 1780 | 270 | <50 | 16020 | 4850 | | | |
| 16/03/2022 | 11/05/2022 | 1350 | 297 | 4170 | 910 | 230 | <50 | 5020 | 1310 | | | |
| 22/04/2022 | 11/05/2022 | 898 | 196 | - | - | - | - | - | 880 | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

Point-7: Groundwater Monitoring

| | Element | 1,2-Dichloroethane | cis-1,2-Dichloroethylene | trans-1,2-Dichloroethylene | Carbon Tetrachloride | Chloroform | Chloromethane | Methylene Chloride | Tetrachloroethene | Trichloroethene | Vinyl chloride |
|------------------|-----------------------|--------------------|--------------------------|----------------------------|----------------------|------------|---------------|--------------------|-------------------|-----------------|----------------|
| | Unit of Measure | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| Date of Sampling | Date Results Obtained | Test Results | | | | | | | | | |
| 30/01/2018 | 8/02/2018 | <5 | <5 | <5 | <5 | <5 | <50 | <5 | <5 | <5 | <50 |
| 22/02/2018 | 6/03/2018 | <5 | <5 | <5 | <5 | <5 | <50 | <5 | <5 | <5 | <50 |

| | Element | Ethyl benzene | Toluene | TPH C6-C9 Fraction | TPH C10-C14 | TPH C15-C28 | TPH C29-C36 | Volatile Organic Compounds | Xylene |
|------------------|-----------------------|---------------|---------|--------------------|-------------|-------------|-------------|----------------------------|--------|
| | Unit of Measure | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| Date of Sampling | Date Results Obtained | Test Results | | | | | | | |
| 14/03/2018 | 27/03/2018 | 262 | 3 | 670 | 300 | <100 | <50 | 1021 | 177 |
| 25/06/2018 | 11/07/2018 | 275 | 273 | 1170 | 140 | <100 | <50 | 1390 | 283 |
| 7/09/2018 | 8/09/2018 | 32 | 3.0 | 80.0 | 70.0 | <100 | <50 | 106.0 | 22.0 |
| 9/11/2018 | 9/11/2018 | 24 | 3.0 | 40.0 | <50 | <100 | <50 | 85.0 | 12.0 |
| 14/12/2018 | 14/12/2018 | 11 | <2 | 20.0 | <50 | <100 | <50 | 14.0 | 4.0 |
| 10/01/2019 | 10/01/2019 | 4 | <2 | <20 | <50 | <100 | <50 | 4.0 | <2 |
| 14/02/2019 | 14/02/2019 | 8 | <2 | <20 | <50 | <100 | <50 | 11.0 | 3.0 |
| 8/03/2019 | 8/03/2019 | 2 | <2 | <20 | <50 | <100 | <50 | 2.0 | <2 |
| 29/04/2019 | 14/05/2019 | 234 | 330 | 2760 | 350 | <100 | <50 | 3120 | 1510 |
| 29/05/2019 | 12/06/2019 | 225 | 20 | 1040 | 470 | <100 | <50 | 1399 | 384 |
| 27/06/2019 | 22/07/2019 | 4 | <2 | 30 | <50 | <100 | <50 | 21 | 17 |
| 11/07/2019 | 22/07/2019 | 10 | <2 | 40 | <50 | <100 | <50 | 32 | 22 |
| 14/08/2019 | 21/08/2019 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 12/09/2019 | 20/9/109 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 9/10/2019 | 18/10/2019 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 18/11/2019 | 4/12/2019 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 18/12/2019 | 7/01/2020 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 24/01/2020 | 24/02/2020 | 3 | 3 | <20 | <50 | <100 | <50 | 15 | 9 |
| 12/02/2020 | 13/03/2020 | 6 | <2 | <20 | <50 | <100 | <50 | 11 | 5 |
| 10/03/2020 | 17/03/2020 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 7/04/2020 | 16/04/2020 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 8/05/2020 | 18/05/2020 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 3/06/2020 | 12/06/2020 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 2/07/2020 | 9/07/2020 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 4/08/2020 | 12/08/2020 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 10/09/2020 | 18/09/2020 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 14/10/2020 | 21/10/2020 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 27/11/2020 | 4/12/2020 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 22/12/2020 | 29/12/2020 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 19/01/2021 | 27/01/2021 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 2/02/2021 | 9/02/2021 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 26/03/2021 | 7/04/2021 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 22/04/2021 | 10/05/2021 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 21/05/2021 | 11/06/2021 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 29/06/2021 | 26/07/2021 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 3/08/2021 | 17/09/2021 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 1/09/2021 | 17/09/2021 | <2 | <2 | <50 | <50 | <100 | <50 | <1 | <2 |
| 27/10/2021 | 24/01/2022 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 17/01/2022 | 4/02/2022 | <2 | <2 | <20 | <50 | <100 | <50 | <1 | <2 |
| 22/04/2022 | 11/05/2022 | <2 | <2 | - | - | - | - | - | <2 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |