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|----------------------------------|--------------------------------------|
| EPL No: | 12555 |
| Entity Name: | Cleanaway Refiners Pty Ltd |
| Site: | 41 Kyle Street, Rutherford NSW 2320 |
| Monitoring Frequency: | Annually & 6 Monthly (Point 24 only) |
| Link to NSW EPA Register: | Click Here |

Discharge & Monitoring Point 2

Discharge to air Air emissions monitoring, 3.0 MW Boiler stack identified as "DP2 3MW & DP3 0.2MW Boilers" as shown in diagram provided to the EPA on 23/10/2019. EPA reference DOC19/922847.

| Pollutant | Unit of measure | EPL Limit | No. of samples required per reporting period * | No. of samples collected and analysed to date* | Sample 1 | Exceedance (Yes / No) | Lowest sample value * | Mean of sample * | Highest sample value * | |
|-----------------------------------|------------------------------------|-----------|--|--|-----------------------|-----------------------|-----------------------|------------------|------------------------|--|
| Dry gas density | kilograms per cubic metre | - | 1 | 1 | 1.32 | No | 1.32 | 1.32 | 1.32 | |
| Moisture | percent | - | 1 | 1 | 9.1 | No | 9.1 | 9.1 | 9.1 | |
| Molecular weight of stack gases | grams per gram mole | - | 1 | 1 | 29.6 | No | 29.6 | 29.6 | 29.6 | |
| Nitrogen Oxides (@8% O2) | milligrams per cubic metre | 350 | 1 | 1 | 98.5 | No | 98.5 | 98.5 | 98.5 | |
| Oxygen (O2) | percent | - | 1 | 1 | 4.89 | No | 4.89 | 4.89 | 4.89 | |
| Solid Particles (@8% O2) | milligrams per cubic metre | 10 | 1 | 1 | <1.88 | No | 0 | 0 | 0 | |
| Temperature | degrees Celsius | - | 1 | 1 | 188 | No | 188 | 188 | 188 | |
| Velocity | metres per second | - | 1 | 1 | 4.32 | No | 4.32 | 4.32 | 4.32 | |
| Volume organic compounds (@8% O2) | milligrams per cubic metre | 10 | 1 | 1 | 0.958 | No | 0.958 | 0.958 | 0.958 | |
| Volumetric flowrate | normalised cubic metres per second | - | 1 | 1 | 0.767 | No | 0.767 | 0.767 | 0.767 | |
| | | | | | 25/01/2024 | 23/01/2024 | 9/11/2023 | | | |
| | | | | | Published Date | Report Date | Sample Date | | | |

Discharge & Monitoring Point 3

Discharge to air Air emissions monitoring, 0.2 MW Boiler stack identified as "DP2 3MW & DP3 0.2MW Boilers" as shown in diagram provided to the EPA on 23/10/2019. EPA reference DOC19/922847.

| Pollutant | Unit of measure | EPL Limit | No. of samples required per reporting period * | No. of samples collected and analysed to date* | Sample 1 | Exceedance (Yes / No) | Lowest sample value * | Mean of sample * | Highest sample value * | |
|-----------------------------------|------------------------------------|-----------|--|--|-----------------------|-----------------------|-----------------------|------------------|------------------------|--|
| Dry gas density | kilograms per cubic metre | - | 1 | 1 | 1.32 | No | 1.32 | 1.32 | 1.32 | |
| Moisture | percent | - | 1 | 1 | 9.62 | No | 9.62 | 9.62 | 9.62 | |
| Molecular weight of stack gases | grams per gram mole | - | 1 | 1 | 29.5 | No | 29.5 | 29.5 | 29.5 | |
| Nitrogen Oxides (@8% O2) | milligrams per cubic metre | 350 | 1 | 1 | 120 | No | 120 | 120 | 120 | |
| Oxygen (O2) | percent | - | 1 | 1 | 7.17 | No | 7.17 | 7.17 | 7.17 | |
| Solid Particles (@8% O2) | milligrams per cubic metre | 10 | 1 | 1 | 4.59 | No | 4.59 | 4.59 | 4.59 | |
| Temperature | degrees Celsius | - | 1 | 1 | 237 | No | 237 | 237 | 237 | |
| Velocity | metres per second | - | 1 | 1 | 6.43 | No | 6.43 | 6.43 | 6.43 | |
| Volume organic compounds (@8% O2) | milligrams per cubic metre | 10 | 1 | 1 | 0.74 | No | 0.74 | 0.74 | 0.74 | |
| Volumetric flowrate | normalised cubic metres per second | - | 1 | 1 | 0.0973 | No | 0.0973 | 0.0973 | 0.0973 | |
| | | | | | 25/01/2024 | 23/01/2024 | 9/11/2023 | | | |
| | | | | | Published Date | Report Date | Sample Date | | | |

Discharge & Monitoring Point 5

Air emissions monitoring, Emissions from light ends scrubber (vapour recovery unit) identified as "DPS Light Ends Scrubber" as shown in diagram provided to the EPA on 23/10/2019. EPA reference DOC19/922847.

| Pollutant | Unit of measure | EPL Limit | No. of samples required per reporting period * | No. of samples collected and analysed to date* | Sample 1 | Exceedance (Yes / No) | Lowest sample value * | Mean of sample * | Highest sample value * | |
|----------------------------------|------------------------------------|-----------|--|--|-----------------------|-----------------------|-----------------------|------------------|------------------------|--|
| Moisture | percent | - | 1 | 1 | 2.38 | No | 2.38 | 2.38 | 2.38 | |
| Odour | OU | - | 1 | 1 | 1541 | No | 1541 | 1541 | 1541 | |
| Polycyclic aromatic hydrocarbons | milligrams per cubic metre | - | 1 | 1 | 0.00289 | No | 0.00289 | 0.00289 | 0.00289 | |
| Temperature | degrees Celsius | - | 1 | 1 | 26.2 | No | 26.2 | 26.2 | 26.2 | |
| Volatile organic compounds | milligrams per cubic metre | 20 | 1 | 1 | 2.05 | No | 2.05 | 2.05 | 2.05 | |
| Volumetric flowrate | normalised cubic metres per second | - | 1 | 1 | 0.048 | No | 0.048 | 0.048 | 0.048 | |
| | | | | | 25/01/2024 | 23/01/2024 | 7/11/2023 | | | |
| | | | | | Published Date | Report Date | Sample Date | | | |

Discharge & Monitoring Point 19

Discharge to Air, Stack identified as "DP19 Fired Heaters" as shown in diagram provided to the EPA on 23/10/2019. EPA reference DOC19/922847

| Pollutant | Unit of measure | EPL Limit | No. of samples required per reporting period * | No. of samples collected and analysed to date * | Sample 1 | Exceedance (Yes / No) | Lowest sample value * | Mean of sample * | Highest sample value * | |
|---|------------------------------------|-----------|--|---|----------------|-----------------------|-----------------------|------------------|------------------------|--|
| Dry gas density | kilograms per cubic metre | - | 1 | 1 | 1.33 | No | 1.33 | 1.33 | 1.33 | |
| Formaldehyde (@ 8% O2) | milligrams per cubic metre | - | 1 | 1 | 0.257 | No | 0.257 | 0.257 | 0.257 | |
| Hydrogen Sulfide (@ 8% O2) | milligrams per cubic metre | 5 | 1 | 1 | 0.471 | No | 0.471 | 0.471 | 0.471 | |
| Moisture | percent | - | 1 | 1 | 14.7 | No | 14.7 | 14.7 | 14.7 | |
| Molecular weight of stack gases | grams per gram mole | - | 1 | 1 | 29.7 | No | 29.7 | 29.7 | 29.7 | |
| Nitrogen Oxides (@ 8% O2) | milligrams per cubic metre | 350 | 1 | 1 | 162 | No | 162 | 162 | 162 | |
| Odour | OU | - | 1 | 1 | 3,467 | No | 3467 | 3467 | 3467 | |
| Oxygen (O2) | percent | - | 1 | 1 | 6.15 | No | 6.15 | 6.15 | 6.15 | |
| Solid Particles (@ 8% O2) | milligrams per cubic metre | 50 | 1 | 1 | 48.9 | No | 48.9 | 48.9 | 48.9 | |
| Sulfur Dioxide (@ 8% O2) | milligrams per cubic metre | 1360 | 1 | 1 | 0.651 | No | 0.651 | 0.651 | 0.651 | |
| Sulfuric acid mist and sulfur trioxide (as SO3) (@ 8% O2) | milligrams per cubic metre | 100 | 1 | 1 | 71.2 | No | 71.2 | 71.2 | 71.2 | |
| Temperature | degrees Celsius | - | 1 | 1 | 112 | No | 112 | 112 | 112 | |
| Velocity | metres per second | - | 1 | 1 | 1.9 | No | 1.9 | 1.9 | 1.9 | |
| Volatile organic compounds (@ 8% O2) | milligrams per cubic metre | 10 | 1 | 1 | 0.0133 | No | 0.0133 | 0.0133 | 0.0133 | |
| Volumetric flowrate | normalised cubic metres per second | - | 1 | 1 | 0.326 | No | 0.326 | 0.326 | 0.326 | |
| | | | | | 25/01/2024 | 23/01/2024 | 7-8/11/2023 | | | |
| | | | | | Published Date | Report Date | Sample Date | | | |

Discharge & Monitoring Point 20

Discharge to Air, Hydrogen Reformer Burner identified as "DP20 Reformer" as shown in diagram provided to the EPA on 23/10/2019. EPA reference DOC19/922847.

| Pollutant | Unit of measure | EPL Limit | No. of samples required per reporting period * | No. of samples collected and analysed to date * | Sample 1 | Exceedance (Yes / No) | Lowest sample value * | Mean of sample * | Highest sample value * | |
|-------------------------------------|------------------------------------|-----------|--|---|----------------|-----------------------|-----------------------|------------------|------------------------|--|
| Dry gas density | kilograms per cubic metre | - | 1 | 1 | 1.35 | No | 1.35 | 1.35 | 1.35 | |
| Hydrogen Sulfide (@4% O2) | milligrams per cubic metre | - | 1 | 1 | 0.75 | No | 0.75 | 0.75 | 0.75 | |
| Moisture | percent | - | 1 | 1 | 14.9 | No | 14.9 | 14.9 | 14.9 | |
| Molecular weight of stack gases | grams per gram mole | - | 1 | 1 | 30.2 | No | 30.2 | 30.2 | 30.2 | |
| Nitrogen Oxides (@4% O2) | milligrams per cubic metre | 350 | 1 | 1 | 107 | No | 107 | 107 | 107 | |
| Odour | OU | - | 1 | 1 | 2,016 | No | 2016 | 2016 | 2016 | |
| Oxygen (O2) | percent | - | 1 | 1 | 5.44 | No | 5.44 | 5.44 | 5.44 | |
| Solid Particles (@4% O2) | milligrams per cubic metre | 10 | 1 | 1 | 2.07 | No | 2.07 | 2.07 | 2.07 | |
| Temperature | degrees Celsius | - | 1 | 1 | 750 | No | 750 | 750 | 750 | |
| Velocity | metres per second | - | 1 | 1 | 10 | No | 10 | 10 | 10 | |
| Volatile organic compounds (@4% O2) | milligrams per cubic metre | 10 | 1 | 1 | 2.19 | No | 2.19 | 2.19 | 2.19 | |
| Volumetric flowrate | normalised cubic metres per second | - | 1 | 1 | 0.229 | No | 0.229 | 0.229 | 0.229 | |
| | | | | | 25/01/2024 | 23/01/2024 | 7/11/2023 | | | |
| | | | | | Published Date | Report Date | Sample Date | | | |

Discharge & Monitoring Point 24

Discharge to air Air emissions monitoring, Stack discharge point serving the Mobile Oil Regeneration Plant

| Pollutant | Unit of measure | EPL Limit | No. of samples required per reporting period * | No. of samples collected and analysed to date* | Sample 1 | Exceedance (Yes / No) | Sample 2 | Exceedance (Yes / No) | Lowest sample value* | Mean of sample* | Highest sample value* | |
|--|------------------------------------|-----------|--|--|----------------|-----------------------|-------------|-----------------------|----------------------|-----------------|-----------------------|--|
| Carbon monoxide | milligrams per cubic metre | 125 | 2 | 2 | 11.3 | No | <1.25 | No | 11.3 | 11.3 | 11.3 | |
| Nitrogen Oxides | milligrams per cubic metre | 350 | 2 | 2 | 13.3 | No | <2.05 | No | 13.3 | 13.3 | 13.3 | |
| Oxygen | percent | - | 2 | 2 | 15.5 | No | 18 | No | 15.5 | 16.75 | 18 | |
| Sulfur dioxide | milligrams per cubic metre | 100 | 2 | 2 | 13.3 | No | <2.86 | No | 13.3 | 13.3 | 13.3 | |
| Temperature | degrees Celsius | - | 2 | 2 | 403 | No | 340 | No | 340 | 371.5 | 403 | |
| Total Solid Particles | milligrams per cubic metre | 10 | 2 | 2 | <1.99 | No | <1.53 | No | 0 | 0 | 0 | |
| Velocity | metres per second | - | 2 | 2 | 43.4 | No | 44.9 | No | 43.4 | 44.15 | 44.9 | |
| Volatile organic compounds | milligrams per cubic metre | 20 | 2 | 2 | 0.602 | No | <0.393 | No | 0.602 | 0.602 | 0.602 | |
| Volumetric flowrate (Dry standard stack) | normalised cubic metres per second | - | 2 | 2 | 0.0331 | No | 0.04 | No | 0.0331 | 0.03655 | 0.04 | |
| | | | | | 25/01/2024 | 23/01/2024 | 29/11/2023 | | | | | |
| | | | | | Published Date | Report Date | Sample Date | | | | | |
| | | | | | | | | 13/06/2024 | 12/06/2024 | 16/05/2024 | | |
| | | | | | | | | Published Date | Report Date | Sample Date | | |

Discharge & Monitoring Point 25

Discharge to Air, Location to be confirmed on stack commissioning. Stack to be located adjacent to EPA identification no. 19.

| Pollutant | Unit of measure | EPL Limit | No. of samples required per reporting period * | No. of samples collected and analysed to date* | Sample 1 | Exceedance (Yes / No) | Lowest sample value * | Mean of sample * | Highest sample value * |
|---|------------------------------------|-----------|--|--|---|-----------------------|-----------------------|------------------|------------------------|
| Dry gas density | kilograms per cubic metre | - | 1 | 0 | Sampling to occur during the 2023/2024 Reporting Period. Stack not yet commissioned. | N/A | N/A | N/A | N/A |
| Formaldehyde (@ 8% O2) | milligrams per cubic metre | - | 1 | 0 | | N/A | N/A | N/A | N/A |
| Hydrogen Sulfide (@ 8% O2) | milligrams per cubic metre | 5 | 1 | 0 | | N/A | N/A | N/A | N/A |
| Moisture | percent | - | 1 | 0 | | N/A | N/A | N/A | N/A |
| Molecular weight of stack gases | grams per gram mole | - | 1 | 0 | | N/A | N/A | N/A | N/A |
| Nitrogen Oxides (@ 8% O2) | milligrams per cubic metre | 350 | 1 | 0 | | N/A | N/A | N/A | N/A |
| Odour | OU | - | 1 | 0 | | N/A | N/A | N/A | N/A |
| Oxygen (O2) | percent | - | 1 | 0 | | N/A | N/A | N/A | N/A |
| Solid Particles (@ 8% O2) | milligrams per cubic metre | 50 | 1 | 0 | | N/A | N/A | N/A | N/A |
| Sulfur Dioxide (@ 8% O2) | milligrams per cubic metre | 1360 | 1 | 0 | | N/A | N/A | N/A | N/A |
| Sulfuric acid mist and sulfur trioxide (as SO3) (@ 8% O2) | milligrams per cubic metre | 100 | 1 | 0 | | N/A | N/A | N/A | N/A |
| Temperature | degrees Celsius | - | 1 | 0 | | N/A | N/A | N/A | N/A |
| Velocity | metres per second | - | 1 | 0 | | N/A | N/A | N/A | N/A |
| Volatile organic compounds (@ 8% O2) | milligrams per cubic metre | 10 | 1 | 0 | | N/A | N/A | N/A | N/A |
| Volumetric flowrate | normalised cubic metres per second | - | 1 | 0 | | N/A | N/A | N/A | N/A |
| | | | | | | N/A | N/A | N/A | |
| | | | | | Published Date | Report Date | Sample Date | | |