| | |
|---|---|
| **EPL No:** | **4865** |
| **Entitiy Name** | **Enviroguard Pty Ltd** |
| **Site:** | **4 Quarry Road, Erskine Park NSW** |
| **Monitoring Frequency:** | **Quarterly** |
| **Link to NSW EPA Register:** | Click Here |

# Pollutant Monitoring Results - Leachate

Disclaimer - Monitoring data contained in this document is made available as required by Section 66(4) of the Protection of the Environment Operations Act 1997 and in accordance with the requirements issued in writing by the Environment Protection Authority. To the best of Cleanaway's knowledge, the data in this table is correct, except where specifically noted. The information and data in this table must not be published elsewhere by any means without prior consent from Cleanaway. For more details on publication of pollution monitoring data refer to the NSW EPA Website www.epa.nsw.gov.au

| | | pH (field) | Electrical Conductivity | Standing water level | Total Suspended Solids | Total Dissolved Solids | Total Organic Carbon (TOC) | Aluminium | Arsenic | Barium | Cadmium | Calcium | Total Chromium | Cobalt | Copper | Lead | Magnesium | Manganese | Zinc | Mercury | Hexavalent Chromium | Potassium | Sodium | Alkalinity (as CaCO3) | Ammonia (as N) | Biological Oxygen Demand (BOD5) | Chloride | Chemical Oxygen Demand (COD) | Total Phenolics | Fluoride | Nitrate | Nitrite | Sulphate | Benzene | Toluene | Ethylbenzene | Xylenes | Organochlorine Pesticides | Organophosphate Pesticides | Total Petroleum Hydrocarbons | PAHs | Polychlorinated byphenals |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | pH units | µS/cm | mbTOC | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | ug/L |
| LP003 (EPA ID 30) | 11-Dec-23 | 6.95 | 12509 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 20-Mar-24 | 7.0 | 8887 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 25/07/2024[1] | 7.58 | 8280 | - | - | 4600 | 304 | 0.04 | 0.013 | 4.98 | <0.0001 | 131 | 0.027 | 0.014 | <0.001 | <0.001 | 138 | .* | <0.005 | <0.0001 | <0.01 | 108 | 1170 | 2760 | 227 | 13 | 1190 | 900 | <0.05 | 0.7 | <0.10 | <0.10 | <20 | 0.035 | <0.002 | 0.02 | 0.006 | - * | - * | - * | - * | - | - |
| | 27-Aug-24 | 6.93 | 7770 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Samples Required by licence | 4 | 4 | - | - | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Samples Collected | 4 | 4 | - | - | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | **Min** | 6.93 | 7770 | - | - | 4600 | 304 | 0.04 | 0.013 | 4.98 | <0.0001 | 131 | 0.027 | 0.014 | <0.001 | <0.001 | 138 | - | <0.005 | <0.0001 | <0.01 | 108 | 1170 | 2760 | 227 | 13 | 1190 | 900 | <0.05 | 0.7 | <0.10 | <0.10 | <20 | 0.035 | <0.002 | 0.02 | 0.006 | - | - | - | - | - | - |
| | **Max** | 7.6 | 12509 | - | - | 4600 | 304 | 0.04 | 0.013 | 4.98 | <0.0001 | 131 | 0.027 | 0.014 | <0.001 | <0.001 | 138 | - | <0.005 | <0.0001 | <0.01 | 108 | 1170 | 2760 | 227 | 13 | 1190 | 900 | <0.05 | 0.7 | <0.10 | <0.10 | <20 | 0.035 | <0.002 | 0.02 | 0.006 | - | - | - | - | - | - |
| | **Avg** | 7.265 | 9161.5 | - | - | 4600 | 304 | 0.04 | 0.013 | 4.98 | <0.0001 | 131 | 0.027 | 0.014 | <0.001 | <0.001 | 138 | - | <0.005 | <0.0001 | <0.01 | 108 | 1170 | 2760 | 227 | 13 | 1190 | 900 | <0.05 | 0.7 | <0.10 | <0.10 | <20 | 0.035 | <0.002 | 0.02 | 0.006 | - | - | - | - | - | - |
| LP004 (EPA ID 31) | 11-Dec-23 | 7.02 | 22064 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 20-Mar-24 | 7.33 | 15970 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 13-May-24 | 7.78 | 13966 | - | - | 8000 | 750 | 0.036 | 0.055 | 1.8 | 0.002 | 66 | 0.078 | 0.027 | 0.003 | 0.028 | 100 | 0.089 | 0.31 | <0.0001 | <0.02 | 270 | 1,700 | <5 | 630 | - | 1900 | - | 0.26 | 2.9 | 0.08 | <0.005 | 7.1 | 0.046 | 0.062 | 0.04 | 0.11 | <0.001 | <0.001 | 0.62 | 0.011 | <0.005 | - |
| | 27-Aug-24 | 7.22 | 12990 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Samples Required by licence | 4 | 4 | - | - | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - | 1 | - | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Samples Collected | 4 | 4 | - | - | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - | 1 | - | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | **Min** | 7.02 | 12990 | - | - | 8000 | 750 | 0.036 | 0.055 | 1.8 | 0.002 | 66 | 0.078 | 0.027 | 0.003 | 0.028 | 100 | 0.089 | 0.31 | <0.0001 | <0.02 | 270 | 1700 | <5 | 630 | - | 1900 | - | 0.26 | 2.9 | 0.08 | <0.005 | 7.1 | 0.046 | 0.062 | 0.04 | 0.11 | <0.001 | <0.001 | 0.62 | 0.011 | <0.005 | - |
| | **Max** | 7.79 | 22064 | - | - | 8000 | 750 | 0.036 | 0.055 | 1.8 | 0.002 | 66 | 0.078 | 0.027 | 0.003 | 0.028 | 100 | 0.089 | 0.31 | <0.0001 | <0.02 | 270 | 1700 | <5 | 630 | - | 1900 | - | 0.26 | 2.9 | 0.08 | <0.005 | 7.1 | 0.046 | 0.062 | 0.04 | 0.11 | <0.001 | <0.001 | 0.62 | 0.011 | <0.005 | - |
| | **Avg** | 7.34 | 16247.5 | - | - | 8000 | 750 | 0.036 | 0.055 | 1.8 | 0.002 | 66 | 0.078 | 0.027 | 0.003 | 0.028 | 100 | 0.089 | 0.31 | <0.0001 | <0.02 | 270 | 1700 | <5 | 630 | - | 1900 | - | 0.26 | 2.9 | 0.08 | <0.005 | 7.1 | 0.046 | 0.062 | 0.04 | 0.11 | <0.001 | <0.001 | 0.62 | 0.011 | <0.005 | - |

Note:
[1] LP003 sampling infrastructure was not operational during the scheduled sampling on 13/5/2024. A resample was conducted on 25/7/2024 once the repairs to the infrastructure were made.
* Appropriate containers were not provided to complete the analysis.