



Licence No 4627 - Publication of Monitoring Data
M8 St Peters Interchange – 10-16 Albert Street, St Peters

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Link to licence on EPA website;

<https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=194233&SYSUID=1&LICID=4627>

Ambient Monitoring – Leachate Quality

EPL No: 4627

Date of Sampling 11 December 2020

Date Received 14 January 2021

Date of Publication 1 February 2020

| Pollutant | Unit | Frequency | Monitoring Point (EPA Identification Number) |
|-----------------------------------|-----------------------------|-----------|-------------------------------------------------|
| | | | LPI (16) |
| Alkalinity (as calcium carbonate) | milligrams per litre | Quarterly | 2500 |
| Ammonia | milligrams per litre | Quarterly | 190 |
| Bicarbonate | milligrams per litre | Quarterly | 2500 |
| Calcium | milligrams per litre | Quarterly | 130 |
| Chloride | milligrams per litre | Quarterly | 930 |
| Electrical Conductivity | Microsiemens per centimetre | Quarterly | 6739 |
| Fluoride | milligrams per litre | Quarterly | 0.47 |
| Magnesium | milligrams per litre | Quarterly | 78 |
| Nitrate | milligrams per litre | Quarterly | <0.05 |
| Nitrite | milligrams per litre | Quarterly | 0.008 |
| pH | pH units | Quarterly | 7.14 |
| Phosphorus | milligrams per litre | Quarterly | 0.42 |
| Potassium | milligrams per litre | Quarterly | 170 |
| Redox Potential | millivolts | Quarterly | 48.8 |
| Sodium | milligrams per litre | Quarterly | 810 |
| Sulphate | milligrams per litre | Quarterly | 16 |
| Temperature | Degrees Celsius | Quarterly | 25.1 |
| Total dissolved solids | milligrams per litre | Quarterly | 3600 |
| Total organic Carbon | milligrams per litre | Quarterly | 88 |

NOTES:

EPL - Environment Protection Licence

< - less than