

Eastern Creek Power Station

Licence Number: 10042

Licence Holder: EDL LFG (NSW) PTY LTD

Licencee Address: Eastern Creek Waste Management Centre, Wallgrove Road, Eastern Creek NSW 2766

Testing year: 2017

Testing Required Discharge and Monitoring Point: Unit 2, LFG Supply Line.

| Location of Monitoring Point                                                                                                                                           | Sampled  | Obtained | Published | Pollutant                                       | Units of Measure           | Licence Limit | No. Samples Required by Licence | No. Samples collected and Analysed | Value   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|-----------|-------------------------------------------------|----------------------------|---------------|---------------------------------|------------------------------------|---------|
| Discharge and Monitoring Point 2, Unit 2 - Air Emissions Monitoring. Discharge to air, Gas engine exhaust stack labelled GM2 on drawing number 902-BA-002 Rev 0.       | 27/03/17 | 14/06/17 | 27/06/17  | Carbon dioxide                                  | Percent                    |               | 1                               | 1                                  | 7.49    |
|                                                                                                                                                                        | 27/03/17 | 14/06/17 | 27/06/17  | Carbon monoxide                                 | Milligrams per cubic metre |               | 1                               | 1                                  | 816.501 |
|                                                                                                                                                                        | 27/03/17 | 14/06/17 | 27/06/17  | Dry gas density                                 | Milligrams per cubic metre |               | 1                               | 1                                  | 1321796 |
|                                                                                                                                                                        | 27/03/17 | 14/06/17 | 27/06/17  | Moisture Content                                | Percent                    |               | 1                               | 1                                  | 4.19    |
|                                                                                                                                                                        | 27/03/17 | 14/06/17 | 27/06/17  | Molecular weight of stack gases                 | Grams per gram mole        |               | 1                               | 1                                  | 29.6    |
|                                                                                                                                                                        | 27/03/17 | 14/06/17 | 27/06/17  | Nitrogen Oxides                                 | Milligrams per cubic metre | <450          | 1                               | 1                                  | 256.597 |
|                                                                                                                                                                        | 27/03/17 | 14/06/17 | 27/06/17  | Oxygen (O2)                                     | Percent                    |               | 1                               | 1                                  | 10.2    |
|                                                                                                                                                                        | 27/03/17 | 14/06/17 | 27/06/17  | Sulfuric acid mist and sulfur trioxide (as SO3) | Milligrams per cubic metre | <100          | 1                               | 1                                  | 1.163   |
|                                                                                                                                                                        | 27/03/17 | 14/06/17 | 27/06/17  | Sulphur dioxide                                 | Milligrams per cubic metre |               | 1                               | 1                                  | 0.182   |
|                                                                                                                                                                        | 27/03/17 | 14/06/17 | 27/06/17  | Temperature                                     | Degrees Celsius            |               | 1                               | 1                                  | 415     |
|                                                                                                                                                                        | 27/03/17 | 14/06/17 | 27/06/17  | Velocity                                        | Metres per second          |               | 1                               | 1                                  | 29.4    |
|                                                                                                                                                                        | 27/03/17 | 14/06/17 | 27/06/17  | Volumetric flowrate                             | Cubic metres per second    |               | 1                               | 1                                  | 0.793   |
|                                                                                                                                                                        | 27/03/17 | 14/06/17 | 27/06/17  | Combustion Efficiency                           | Percent                    |               |                                 |                                    | 99.1    |
| Discharge and Monitoring Point 5, LFG Supply Line - Air monitoring in gas supply line, Landfill gas supply line labelled supply gas on drawing number 902-BA-001 Rev 2 | 27/03/17 | 14/06/17 | 27/06/17  | Carbon dioxide                                  | Percent                    |               | 1                               | 1                                  | 29.5    |
|                                                                                                                                                                        | 27/03/17 | 14/06/17 | 27/06/17  | Dry gas density                                 | Milligrams per cubic metre |               | 1                               | 1                                  | 1510000 |
|                                                                                                                                                                        | 27/03/17 | 14/06/17 | 27/06/17  | Moisture Content                                | Percent                    |               | 1                               | 1                                  | 15      |
|                                                                                                                                                                        | 27/03/17 | 14/06/17 | 27/06/17  | Molecular weight of stack gases                 | Grams per gram mole        |               | 1                               | 1                                  | 31.4    |
|                                                                                                                                                                        | 27/03/17 | 14/06/17 | 27/06/17  | Oxygen (O2)                                     | Percent                    |               | 1                               | 1                                  | 3.5     |
|                                                                                                                                                                        | 27/03/17 | 14/06/17 | 27/06/17  | Temperature                                     | Degrees Celsius            |               | 1                               | 1                                  | 55      |
|                                                                                                                                                                        | 27/03/17 | 14/06/17 | 27/06/17  | Velocity                                        | Metres per second          |               | 1                               | 1                                  | 2.95    |
|                                                                                                                                                                        | 27/03/17 | 14/06/17 | 27/06/17  | Volatile organic compounds (as n-propane)       | Milligrams per cubic metre |               | 1                               | 1                                  | 85.283  |
|                                                                                                                                                                        | 27/03/17 | 14/06/17 | 27/06/17  | Volumetric flowrate                             | Cubic metres per second    |               | 1                               | 1                                  | 0.208   |