

**Erskine Park Landfill EPL4865**

Link to Environment Protection Licence:

<http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=32538&SYSUID=1&LICID=4865>

**September Quarterly Round 2013 Gas Results**

Date for testing: 4 October 2013

Date results received: 5 December 2013

Quarterly Test Round

| Well ID | Coordinates <sup>1</sup> |               | Initial Pre Purge Well Concentrations |                     |                    |
|---------|--------------------------|---------------|---------------------------------------|---------------------|--------------------|
|         | Easting (mE)             | Northing (mN) | CH <sub>4</sub> (%)                   | CO <sub>2</sub> (%) | O <sub>2</sub> (%) |
| GS1     | 295455                   | 6256019       | <b>56.5</b>                           | 35.0                | 0.7                |
| GS2     | 295632                   | 6255693       | 0.0                                   | 0.2                 | 19.5               |
| GS3     | 295471                   | 6255619       | <b>57.9</b>                           | 35.9                | 0.2                |
| GS4     | 295225                   | 6255568       | 0.1                                   | 0.0                 | 19.8               |
| GS6     | 295257                   | 6255960       | <b>50.5</b>                           | 43.8                | 0.1                |
| GS7     | 295058                   | 6256001       | 0.0                                   | 1.0                 | 19.2               |
| GS8     | 295547                   | 6255577       | 0.1                                   | 1.0                 | 19.1               |
| GS9     | 294961                   | 6255744       | 0.1                                   | 0.5                 | 18.1               |

**BOLD**

CH<sub>4</sub> concentration exceeds EPA Environmental Guidelines Solid Waste Landfills (1996) 1.25% v/v  
(As per correspondence with EPA Landfill Gas Extraction System has been installed and is fully operational due to presence of Landfill Gas)



| Well ID | Post Purge Well Concentrations |                        |                       |
|---------|--------------------------------|------------------------|-----------------------|
|         | CH <sub>4</sub><br>(%)         | CO <sub>2</sub><br>(%) | O <sub>2</sub><br>(%) |
| GS1     | 60.7                           | 36.9                   | 0.0                   |
| GS2     | 0.3                            | 0.1                    | 19.9                  |
| GS3     | 46.1                           | 28.3                   | 3.5                   |
| GS4     | 13.8                           | 16.5                   | 5.9                   |
| GS6     | 50.0                           | 43.6                   | 0.0                   |
| GS7     | 0.0                            | 0.2                    | 20.3                  |
| GS8     | 0.6                            | 1.7                    | 19.1                  |
| GS9     | 0.1                            | 0.1                    | 19.8                  |