

# GOSFORD PASSING LOOPS MONITORING DATA

|                  |                          |                  |                     |                   |                       |
|------------------|--------------------------|------------------|---------------------|-------------------|-----------------------|
| <b>Licensee:</b> | Downer Edi Works Pty Ltd | <b>Address:</b>  | 15 Watt St, Gosford | <b>EPL No.</b>    | <a href="#">20269</a> |
| <b>Sampled:</b>  | Throughout April         | <b>Obtained:</b> | Throughout April    | <b>Published:</b> | April 2015            |

| Noise Monitoring Results                              |      |      |                                    |                       |          |
|---|------|------|------------------------------------|-----------------------|----------|
| Location  | Date | Time | Measured (L <sub>Aeq</sub> 15 min) | Predicted noise level | Comments |
| NO Activities required Noise Monitoring in April 2015 |      |      |                                    |                       |          |

| NOTES   |
|---|
| No Activities required Noise Monitoring in April 2015 |

## Dust Deposition Results

Air concentration limits are specified in EPL Condition L2.4. Table 2 specifies the Air Concentration Limits for the Project.

Table 2 - Air Concentration Limits

| Pollutant        | Units of Measure                 | 100 percentile concentration limit | Reference Conditions           | Oxygen correction | Averaging period |
|------------------|----------------------------------|------------------------------------|--------------------------------|-------------------|------------------|
| Insoluble solids | Grams per square metre per month | 4                                  | Maximum total insoluble solids |                   | Month            |

Details on the location of the three Dust Deposition Gauges are provided in Table 3 and in Figure 1. The monitoring locations are consistent with EPL Condition P1.1.

Table 3 Monitoring Locations

| EPA Identification no. | Type of Monitoring Point                | Location Description                             |
|------------------------|---|--|
| 2                      | Dust deposition gauge (reference gauge) | 73A Showground Road, Narara                      |
| 3                      | Dust deposition gauge                   | 520 Pacific Highway, Wyoming (near crusher site) |
| 4                      | Dust deposition gauge                   | 4 Renwick Street Wyoming (crusher site)          |

Table 4 Monitoring Results

| Monitoring Point     | Date                | Units of Measure                 | Insoluble solids | 100 percentile concentration limit |
|----------------------|---------------------|----------------------------------|------------------|------------------------------------|
| <b>February 2015</b> |                     |                                  |                  |                                    |
| EPA 2                | 15/03/15 – 15/04/15 | Grams per square metre per month | N/R              | 4                                  |
| EPA 3                | 15/03/15 – 15/04/15 | Grams per square metre per month | N/R              | 4                                  |
| EPA 4                | 15/03/15 – 15/04/15 | Grams per square metre per month | N/R              | 4                                  |

EPA #2 – N/R – This dust deposition gauge was damaged (stand impacted) during this monthly reporting period and as such as valid result was not recorded

EPA#3 – N/R – This dust deposition gauge was vandalised (funnel removed) during this monthly reporting period and as such as valid result was not recorded

EPA#4 – N/R - This dust deposition gauge was damaged (funnel broken) during this monthly reporting period and as such as valid result was not recorded

### Surface Water Discharge Monitoring

Licence condition **L2.1** states that for each monitoring discharge point or utilisation area specified in the table below, the concentration of a pollutant discharged at that point, or applied to that area, must not exceed the concentration limits specified for that pollutant in the table Licence condition **L2.5** details water concentration limits. These limits are detailed below in Table 4. The monitoring data results can be found in Table 5.

Table 4- Water concentration limits

| Pollutant              | Units of Measure            | 100 percentile concentration limit |
|------------------------|-----------------------------|------------------------------------|
| Oil and grease         | Visible                     | Visible                            |
| pH                     | pH                          | 6.5 – 8.5                          |
| Total Suspended Solids | Milligrams per litre (mg/L) | 50                                 |

### Surface water discharge monitoring results for April 2015

No Surface Water Discharge Points were used during the April 2015 reporting period.