

**NOISE Monitoring Data - Monthly Summary**

|   |   |  |  |                                  |                                  |                                  |                              |                   |
|---|---|--|--|----------------------------------|----------------------------------|----------------------------------|------------------------------|-------------------|
| <b>Month</b>  | <b>August 2013</b>  |  |  |                                  |                                  |                                  |                              |                   |
| <b>EPL Licence</b>  | <b>13425</b>  | <b>Project</b>                           | <b>Glenfield to Leppington Rail Line</b>                               |                                  |                                  |                                  |                              |                   |
| <b>EPL weblink</b>  | <a href="#">licence&amp;prp=no&amp;status=Issued</a>  |  |  |                                  |                                  |                                  |                              |                   |
| <b>Specific EPL licence monitoring conditions for noise</b> | <b>M2 (Requirment to Monitor Concentration of Pollutants Discharged), M6.5 (Noise and Vibration Complaints), M7.1 &amp; M7.4 (Other Monitoring and Recording Conditions), E1.2 (Noise and Vibration Monitoring)</b> |  |  |                                  |                                  |                                  |                              |                   |
| <b>monitoring location</b>                                  | <b>number of times monitored during the month</b>   | <b>attended or continuous monitoring</b> | <b>event based monitoring (Y/N) Event could be OOHW or a complaint</b> | <b>Parameter eg. Laq (15min)</b> | <b>min value dB(A) for month</b> | <b>max value dB(A) for month</b> | <b>goals / targets dB(A)</b> | <b>Commentary</b> |
| 85 Cassidy Street   | 1   | Attended                                 | N  | Laq (15min)                      | 52                               | 52                               | 65                           |                   |
| 35 Ingleburn Gardens Drive                                  | 1   | Attended                                 | N  | Laq (15min)                      | 41                               | 41                               | 48                           |                   |
| 164 Croatia Ave   | 1   | Attended                                 | N  | Laq (15min)                      | 60                               | 60                               | 62                           |                   |
| 258 Byron Road  | 1   | Attended                                 | N  | Laq (15min)                      | 57                               | 57                               | 69                           |                   |

**WATER Monitoring Data - Monthly Summary**

|   |   |  |                                       |   |                                |                                |                                |                                |
|---|---|--|---------------------------------------|---|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| <b>Month</b>  | <b>August 2013</b>  |  |                                       |   |                                |                                |                                |                                |
| <b>EPL Licence</b>  | <b>13425</b>  | <b>Project</b>   |                                       | <b>Glenfield to Leppington Rail Line</b>    |                                |                                |                                |                                |
| <b>EPL weblink</b>  | <a href="http://www.environment.nsw.gov.au/prpoeoapp/Detail.aspx?instid=13425&amp;id=13425&amp;option=licence&amp;searchrange=licence&amp;range=POEO">http://www.environment.nsw.gov.au/prpoeoapp/Detail.aspx?instid=13425&amp;id=13425&amp;option=licence&amp;searchrange=licence&amp;range=POEO</a> |  |                                       |   |                                |                                |                                |                                |
| <b>Specific EPL licence monitoring conditions for water</b> | <b>M2 (Requirment to Monitor Concentration of Pollutants Discharged), M6.5 (Noise and Vibration Complaints), M7.1 &amp; M7.4 (Other Monitoring and Recording Conditions), E1.2 (Noise and Vibration Monitoring)</b>   |  |                                       |   |                                |                                |                                |                                |
| <b>monitoring location</b>                                  | <b>number of times monitored during month</b>   | <b>event based monitoring (Y/N) eg. Basin discharge, rainfall event.</b> | <b>Parameter eg. TSS, pH, Fe, etc</b> | <b>units of measurement (mg/L, NTU, pH)</b> | <b>minimum value for month</b> | <b>maximum value for month</b> | <b>allowable minimum limit</b> | <b>allowable maximum limit</b> |
| Point 1   | 0   | N  | Oil and Grease                        | Visible                                     | n/a                            | n/a                            | None                           | None                           |
|   |   |  | pH                                    | pH  | 0                              | 0                              | 6.5                            | 8.5                            |
|   |   |  | Total Suspended Solids                | mg/L  | 0                              | 0                              | n/a                            | 50                             |

**VIBRATION Monitoring Data - Monthly Summary**

|   |   |   |  |   |                                |                                |                                |   |   |
|---|---|---|--|---|--------------------------------|--------------------------------|--------------------------------|---|---|
| <b>Month</b>  | <b>August 2013</b>  |   |  |   |                                |                                |                                |   |   |
| <b>EPL Licence</b>  | <b>13425</b>  | <b>Project</b>  | <b>Glenfield to Leppington Rail Line</b>                               |   |                                |                                |                                |   |   |
| <b>EPL weblink</b>  | <a href="http://www.environment.nsw.gov.au/prpoeoapp/Detail.aspx?instid=13425&amp;id=13425&amp;option=licence&amp;searchrange=licence&amp;range=PO">http://www.environment.nsw.gov.au/prpoeoapp/Detail.aspx?instid=13425&amp;id=13425&amp;option=licence&amp;searchrange=licence&amp;range=PO</a> |   |  |   |                                |                                |                                |   |   |
| <b>Specific EPL licence monitoring conditions for vibration</b>   | <b>M2 (Requirment to Monitor Concentration of Pollutants Discharged), M6.5 (Noise and Vibration Complaints), M7.1 &amp; M7.4 (Other Monitoring and Recording Conditions), E1.2 (Noise and Vibration Monitoring)</b>   |   |  |   |                                |                                |                                |   |   |
| *Percentile (in relation to a concentration limit of a sample): Means that percentage (e.g. 50%) of the number of samples taken that must meet the concentration limit specified in the licence for that pollutant over a specified period of time. |   |   |  |   |                                |                                |                                |   |   |
| <b>monitoring location</b>  | <b>number of times monitored during month</b>   | <b>event based monitoring (Y/N) eg. Blast, Piling etc</b> | <b>Parameter eg. Peak particle velocity PPV, Airblast overpressure</b> | <b>units of measurement (mm/s, dBL)</b> | <b>minimum value for month</b> | <b>maximum value for month</b> | <b>allowable maximum limit</b> | <b>Percentile limit* (eg. 90th%ile)</b> | <b>percentile reporting period (1 year, 1 month, etc)</b> |
| 215 McCann Road   | 3   | N   | PPV  | mm/s                                    | 0.721                          | 2.43                           | 5                              | n/a                                     | n/a   |