

**TP33**

|                                           | Base | North Wall | East Wall | South Wall | West Wall |  |  |
|-------------------------------------------|------|------------|-----------|------------|-----------|--|--|
| Sample                                    | VB1  | VS1        | VS2       | VS3        | VS4       |  |  |
| Depth (m)                                 | 1.4  | 1.0-1.1    | 0.85-1.0  | 0.45-0.7   | 0.6-0.8   |  |  |
| TPH (>C <sub>10</sub> - C <sub>12</sub> ) | <5   | <5         | <5        | <5         | <5        |  |  |
| TPH (>C <sub>12</sub> - C <sub>16</sub> ) | 14   | 20         | 365       | 15         | 21        |  |  |
| TPH (>C <sub>16</sub> - C <sub>21</sub> ) | 8.5  | 29         | 698       | 9.3        | 18        |  |  |
| TPH (>C <sub>21</sub> - C <sub>40</sub> ) | 49   | 282        | 16214     | 969        | 476       |  |  |
| Total petroleum hydrocarbons              | 72   | 331        | 17280*    | 993        | 514       |  |  |
| Sample                                    |      |            |           | VS5        |           |  |  |
| Depth (m)                                 |      |            |           | 0.5-0.8    |           |  |  |
| TPH (>C <sub>10</sub> - C <sub>12</sub> ) |      |            |           | <5         |           |  |  |
| TPH (>C <sub>12</sub> - C <sub>16</sub> ) |      |            |           | 7.4        |           |  |  |
| TPH (>C <sub>16</sub> - C <sub>21</sub> ) |      |            |           | 13         |           |  |  |
| TPH (>C <sub>21</sub> - C <sub>40</sub> ) |      |            |           | 42         |           |  |  |
| Total petroleum hydrocarbons              |      |            |           | 62         |           |  |  |
| Sample                                    |      |            |           |            |           |  |  |
| Depth (m)                                 |      |            |           |            |           |  |  |
| TPH (>C <sub>10</sub> - C <sub>12</sub> ) |      |            |           |            |           |  |  |
| TPH (>C <sub>12</sub> - C <sub>16</sub> ) |      |            |           |            |           |  |  |
| TPH (>C <sub>16</sub> - C <sub>21</sub> ) |      |            |           |            |           |  |  |
| TPH (>C <sub>21</sub> - C <sub>40</sub> ) |      |            |           |            |           |  |  |
| Total petroleum hydrocarbons              |      |            |           |            |           |  |  |
| Sample                                    |      |            |           |            |           |  |  |
| Depth (m)                                 |      |            |           |            |           |  |  |
| TPH (>C <sub>10</sub> - C <sub>12</sub> ) |      |            |           |            |           |  |  |
| TPH (>C <sub>12</sub> - C <sub>16</sub> ) |      |            |           |            |           |  |  |
| TPH (>C <sub>16</sub> - C <sub>21</sub> ) |      |            |           |            |           |  |  |
| TPH (>C <sub>21</sub> - C <sub>40</sub> ) |      |            |           |            |           |  |  |
| Total petroleum hydrocarbons              |      |            |           |            |           |  |  |
| Sample                                    |      |            |           |            |           |  |  |
| Depth (m)                                 |      |            |           |            |           |  |  |
| TPH (>C <sub>10</sub> - C <sub>12</sub> ) |      |            |           |            |           |  |  |
| TPH (>C <sub>12</sub> - C <sub>16</sub> ) |      |            |           |            |           |  |  |
| TPH (>C <sub>16</sub> - C <sub>21</sub> ) |      |            |           |            |           |  |  |
| TPH (>C <sub>21</sub> - C <sub>40</sub> ) |      |            |           |            |           |  |  |
| Total petroleum hydrocarbons              |      |            |           |            |           |  |  |
| Final validated sidewall values           | 72   | 331        | -         | 62         | 514       |  |  |

Notes:

- All units are mg/kg unless otherwise stated.
- Validation of the eastern sidewall shall be completed once the site has been cleared - the footings of the open-sided steel framed building prevent additional excavation

|                    |      |                                                              |  |                       |  |
|--------------------|------|--------------------------------------------------------------|--|-----------------------|--|
| Originator         | RAJC | <b>RESULTS OF VALIDATION TESTING - "HOTSPOTS"</b>            |  | <b>AMEC</b>           |  |
| Checked & Approved | SHH  | RIVERSIDE RESOURCE RECOVERY FACILITY, NORMAN ROAD, BELVEDERE |  | Appendix D<br>Table 9 |  |