

Southern Oil Refining Pty Ltd

42 Lewington Street, Bomen, NSW 2650

EPA License number 11408

Groundwater Quality Monitoring Data (Point Source 2, 3, 4, 5)

June 2018 results

Date sampled: 06/06/18

Date received: 14/06/18

| Pollutant | Unit of Measure | Monitoring frequency required by licence | No. of samples measured | Results | | | |
|-----------------------------|-----------------|--|-------------------------|------------|------------|--------------|------------|
| | | | | Min. Value | Mean Value | Median Value | Max. Value |
| Bore site 1 (MB01) | | | | | | | |
| Hydrocarbons | ug/L | Quarterly | 1 | <110 | <110 | <110 | <110 |
| Standing Water Level | m | Quarterly | 1 | 0.8 | 0.8 | 0.8 | 0.8 |
| Conductivity | uS/cm | Quarterly | 1 | 2050 | 2050 | 2050 | 2050 |
| BTEX | ug/L | - | 1 | <1 | <1 | <1 | <1 |
| PFOS | ug/L | Yearly | 1 | <0.02 | <0.02 | <0.02 | <0.02 |
| PFOA | ug/L | Yearly | 1 | <0.01 | <0.01 | <0.01 | <0.01 |
| Bore site 2 (MB02) | | | | | | | |
| Hydrocarbons | ug/L | Quarterly | 1 | <110 | <110 | <110 | <110 |
| Standing Water Level | m | Quarterly | 1 | 7.1 | 7.1 | 7.1 | 7.1 |
| Conductivity | uS/cm | Quarterly | 1 | 1920 | 1920 | 1920 | 1920 |
| BTEX | ug/L | - | 1 | <1 | <1 | <1 | <1 |
| PFOS | ug/L | Yearly | 1 | <0.02 | <0.02 | <0.02 | <0.02 |
| PFOA | ug/L | Yearly | 1 | <0.01 | <0.01 | <0.01 | <0.01 |
| Bore site 2A (MB02A) | | | | | | | |
| Hydrocarbons | ug/L | Quarterly | 1 | <110 | <110 | <110 | <110 |
| Standing Water Level | m | Quarterly | 1 | 2.3 | 2.3 | 2.3 | 2.3 |
| Conductivity | uS/cm | Quarterly | 1 | 1100 | 1100 | 1100 | 1100 |
| BTEX | ug/L | - | 1 | <1 | <1 | <1 | <1 |
| PFOS | ug/L | Yearly | 1 | 0.54 | 0.54 | 0.54 | 0.54 |
| PFOA | ug/L | Yearly | 1 | 0.10 | 0.10 | 0.10 | 0.10 |
| Bore site 3 (MB03) | | | | | | | |
| Hydrocarbons | ug/L | Quarterly | 1 | <110 | <110 | <110 | <110 |
| Standing Water Level | m | Quarterly | 1 | 6.10 | 6.10 | 6.10 | 6.10 |
| Conductivity | uS/cm | Quarterly | 1 | 2370 | 2370 | 2370 | 2370 |
| BTEX | ug/L | - | 1 | <1 | <1 | <1 | <1 |
| PFOS | ug/L | Yearly | 1 | 0.66 | 0.66 | 0.66 | 0.66 |
| PFOA | ug/L | Yearly | 1 | 0.11 | 0.11 | 0.11 | 0.11 |