

## ENVIRONMENT PROTECTION LICENCE 3035

### 2018 Groundwater Quality Monitoring

| POLLUTANT                    | UNIT OF MEASURE | FREQUENCY | NO. OF SAMPLES COLLECTED AND ANALYSED | EPA POINT 14 (GW05) | EPA POINT 15 (GW02) | EPA POINT 16 (GW01) | EPA POINT 24 (GW26) |
|------------------------------|-----------------|-----------|---------------------------------------|---------------------|---------------------|---------------------|---------------------|
| Aldrin                       | µg/L            | Yearly    | 1                                     | <0.5                | <0.5                | <0.5                | <0.5                |
| Ammonia as N                 | mg/L            | Yearly    | 1                                     | 0.02                | 0.03                | 0.04                | 0.03                |
| Chemical Oxygen Demand       | mg/L            | Yearly    | 1                                     | <10                 | 15                  | <10                 | <10                 |
| Electrical Conductivity      | µS/cm           | Yearly    | 1                                     | 377                 | 1032                | 189                 | 244                 |
| Dieldrin                     | µg/L            | Yearly    | 1                                     | <0.5                | <0.5                | <0.5                | <0.5                |
| Formaldehyde                 | mg/L            | Yearly    | 1                                     | <0.1                | <0.1                | <0.1                | <0.1                |
| pH                           | pH Units        | Yearly    | 1                                     | 6.8                 | 6.2                 | 6.6                 | 6.2                 |
| Total Dissolved Solids       | mg/L            | Yearly    | 1                                     | 180                 | 500                 | 98                  | 142                 |
| Total Organic Carbon         | mg/L            | Yearly    | 1                                     | <1                  | 4                   | 2                   | 1                   |
| Total Petroleum Hydrocarbons | µg/L            | Yearly    | 1                                     | <50                 | <50                 | <50                 | <50                 |
| Total Suspended Solids       | mg/L            | Yearly    | 1                                     | 13                  | 46                  | 73                  | 5                   |