

| Sample Description | EPA ID No. | Date Received        | Date Sampled | Calcium Total ug/L | Potassium Total ug/L | Magnesium Total ug/L | Sodium Total ug/L | pH       | Conductivity uS/cm | Total Alkalinity to pH 4.5 | Sulphate                            | BOD <sub>5</sub> | Ammonia Nitrogen | Oxidised Nitrogen | Nitrite Nitrogen | Nitrate by calculation | TKN by calculation | Total Nitrogen | Total Phosphorus | Faecal Coliform |
|--------------------|------------|----------------------|--------------|--------------------|----------------------|----------------------|-------------------|----------|--------------------|----------------------------|-------------------------------------|------------------|------------------|-------------------|------------------|------------------------|--------------------|----------------|------------------|-----------------|
|                    |            |                      |              | ug/L               | ug/L                 | ug/L                 | ug/L              | pH units | uS/cm              | mg CaCO <sub>3</sub> /L    | mg SO <sub>4</sub> <sup>2-</sup> /L | mg/L             | mg N/L           | mg N/L            | mg N/L           | mg N/L                 | mg N/L             | mg N/L         | mg P/L           | cfu/100mL       |
|                    |            |                      |              | EXT_SWC            | EXT_SWC              | EXT_SWC              | EXT_SWC           | LABC17   | LABC17_COND        | LABC_MIT_TOT_ALK           | LABC_IC_SOM                         | LABC17           | LABC31           | LABC32            | LABC33           | LABC34                 |                    | LABC35         | LABC37           | LABM01          |
| HP2A               | 4          | 17/02/2016           | 17/02/2016   | 20760              | 15200                | 14000                | 120000            | 7.1      | 931                | 126                        | 61                                  | <-2              | <-0.01           | 4.32              | 0.044            | 4.3                    | <-0.1              | 4.35           | 1.88             | <-1             |
| HP2B               | 10         | 17/02/2016           | 17/02/2016   | 23800              | 12200                | 13700                | 144000            | 7.1      | 1030               | 101                        | 69                                  | <-2              | 0.03             | 0.01              | 0.001            | <-0.01                 | 0.3                | 0.32           | 0.36             | <-1             |
| HP4                | 6          | 17/02/2016           | 17/02/2016   | 22700              | 12800                | 12000                | 83600             | 6.6      | 700                | 110                        | 32                                  | <-2              | 0.46             | <-0.01            | 0.002            | <-0.01                 | 0.7                | 0.66           | 0.666            | <-1             |
| HP6                | 8          | 17/02/2016           | 17/02/2016   | 33000              | 16700                | 17500                | 175000            | 6.8      | 1280               | 104                        | 67                                  | <-2              | <-0.01           | 1.96              | 0.232            | 1.7                    | 1.1                | 3.03           | 6.89             | <-1             |
| HP7                | 11         | 17/02/2016           | 17/02/2016   | 20200              | 12400                | 12900                | 115000            | 6.3      | 896                | 55.0                       | 43                                  | <-2              | 0.32             | <-0.01            | 0.005            | <-0.01                 | 0.3                | <-0.32         | 0.024            | <-1             |
| HP8                | 12         | 17/02/2016           | 17/02/2016   | 7150               | 5710                 | 5850                 | 78200             | 5.8      | 520                | 23.0                       | 35                                  | <-2              | 0.19             | <-0.01            | 0.003            | <-0.01                 | 0.3                | 0.34           | 0.019            | <-1             |
| HP9                | 13         | 17/02/2016           | 17/02/2016   | 37900              | 14900                | 20200                | 179000            | 7.0      | 1340               | 108                        | 65                                  | <-2              | <-0.01           | 3.16              | 0.023            | 3.1                    | 0.3                | 3.42           | 0.54             | <-1             |
| HP10               | 14         | 17/02/2016           | 17/02/2016   | 21300              | 14400                | 15300                | 160000            | 6.6      | 1070               | 83.5                       | 64                                  | <-2              | 0.02             | 0.87              | 0.034            | 0.80                   | 0.2                | 1.07           | 0.015            | <-1             |
| HP13               | 16         | 17/02/2016           | 17/02/2016   | 1870               | 4510                 | 3380                 | 84100             | 5.7      | 515                | 34.5                       | 8                                   | 7                | 0.25             | <-0.01            | 0.011            | <-0.01                 | 0.5                | 0.55           | 0.015            | <-1             |
| HP14               | 17         | 17/02/2016           | 17/02/2016   | 781                | 1680                 | 29400                | 5.2               | 182      | 3.5                | 18                         | <-2                                 | 0.09             | 0.04             | 0.002             | <-0.01           | 0.2                    | 0.23               | 0.009          | <-1              |                 |
| HP15               | 18         | 17/02/2016           | 17/02/2016   | 29900              | 10400                | 10300                | 113000            | 6.7      | 888                | 97.0                       | 51                                  | <-2              | 0.11             | <-0.01            | <-0.001          | <-0.01                 | 0.4                | 0.38           | 0.014            | <-1             |
| HP16               | 19         | 17/02/2016           | 17/02/2016   | 20900              | 9450                 | 12500                | 90500             | 6.3      | 734                | 54.5                       | 36                                  | <-2              | 0.06             | 0.47              | 0.059            | 0.40                   | 0.6                | 1.05           | 0.041            | <-1             |
| HP17               | 20         | Dry unable to sample |              |                    |                      |                      |                   |          |                    |                            |                                     |                  |                  |                   |                  |                        |                    |                |                  |                 |
| HP19               | 22         | 17/02/2016           | 17/02/2016   | 3750               | 8270                 | 4010                 | 65100             | 6.2      | 433                | 49.0                       | 43                                  | 5                | 0.23             | 0.83              | 0.044            | 0.80                   | 1.4                | 2.19           | 0.073            | <-1             |
| HP20               | 23         | 17/02/2016           | 17/02/2016   | 805                | 631                  | 2440                 | 21300             | 5.6      | 168                | 13.5                       | 3                                   | <-2              | 0.16             | <-0.01            | 0.003            | <-0.01                 | 0.1                | 0.14           | 0.022            | <-1             |
| HP21               | 24         | 17/02/2016           | 17/02/2016   | 1010               | 294                  | 1370                 | 12400             | 5.7      | 102                | 16.0                       | 4                                   | <-2              | 0.1              | <-0.01            | 0.003            | <-0.01                 | 0.1                | 0.11           | 0.02             | <-1             |
| HP22               | 25         | 17/02/2016           | 17/02/2016   | 587                | 1699                 | 2840                 | 25300             | 5.4      | 113                | 14.5                       | 2                                   | 7                | 0.22             | <-0.01            | 0.005            | <-0.01                 | 0.2                | <-0.22         | 0.032            | <-1             |
| HP23               | 26         | 17/02/2016           | 17/02/2016   | 829                | 362                  | 1500                 | 12400             | 5.8      | 707                | 13.5                       | <-1                                 | <-2              | 0.44             | <-0.01            | 0.003            | <-0.01                 | 0.4                | <-0.44         | 0.026            | <-1             |
| HP 24              | 27         | 17/02/2016           | 17/02/2016   | 1940               | 2210                 | 9870                 | 111000            | 4.7      | 1410               | <-1.0                      | 23                                  | <-2              | 0.06             | <-0.01            | 0.005            | <-0.01                 | 0.1                | 0.07           | 0.015            | <-1             |

TN result for samples M160175/5, 17 and 18 reported as " = NH3 since analysed TN-NH3 result.