

Operator: CWM Environmental Ltd  
Permit: CP3735PB

Installation: Nantycaws Landfill Site  
Form: Groundwaters Q4 2023

## Reporting of groundwater monitoring for the period 01-Oct-2023 to 31-Dec-2023

| Monitoring location | Substance / parameter <sup>(6)</sup> | Test method <sup>(2)</sup> | Date <sup>(3)</sup> | Compliance limit <sup>(7)</sup> | Result <sup>(1) (4)</sup> | Unit <sup>(5)</sup> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|---------------------------|---------------------|
| BH208               | Base of well/borehole/sump           | Field                      | 12-Oct-2023         |                                 | 9.3                       | m                   |
|                     | Electrical conductivity (field)      |                            | 12-Oct-2023         |                                 | 211                       | µS/cm               |
|                     |                                      |                            | 14-Nov-2023         |                                 | 217                       | µS/cm               |
|                     |                                      |                            | 07-Dec-2023         |                                 | 215                       | µS/cm               |
|                     | Groundwater level/dip                |                            | 12-Oct-2023         |                                 | ART                       | m                   |
|                     |                                      |                            | 14-Nov-2023         |                                 | 0.1                       | m                   |
|                     |                                      |                            | 07-Dec-2023         |                                 | 0.34                      | m                   |
|                     | Water temperature                    |                            | 12-Oct-2023         |                                 | 15.5                      | °C                  |
|                     |                                      |                            | 14-Nov-2023         |                                 | 11.9                      | °C                  |
|                     |                                      |                            | 07-Dec-2023         |                                 | 11.2                      | °C                  |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 12-Oct-2023         | <5.5 mg/l                       | <0.2                      | mg/l                |
|                     |                                      |                            | 14-Nov-2023         | <5.5 mg/l                       | <0.2                      | mg/l                |
|                     |                                      |                            | 07-Dec-2023         | <5.5 mg/l                       | <0.2                      | mg/l                |
|                     | Cadmium (filtered)                   | TM152                      | 12-Oct-2023         | <0.0001 mg/l                    | <0.00008                  | mg/l                |
|                     | Calcium (filtered)                   |                            | 12-Oct-2023         |                                 | 81.2                      | mg/l                |
|                     | Chromium (filtered)                  |                            | 12-Oct-2023         |                                 | <0.001                    | mg/l                |
|                     | Copper (filtered)                    |                            | 12-Oct-2023         |                                 | 0.00427                   | mg/l                |
|                     | Iron (filtered)                      |                            | 12-Oct-2023         |                                 | <0.019                    | mg/l                |
|                     | Lead (filtered)                      |                            | 12-Oct-2023         |                                 | 0.000238                  | mg/l                |
|                     | Magnesium (filtered)                 |                            | 12-Oct-2023         |                                 | 9.18                      | mg/l                |
|                     | Manganese (filtered)                 |                            | 12-Oct-2023         |                                 | 0.0134                    | mg/l                |
|                     | Nickel (filtered)                    |                            | 12-Oct-2023         | <0.02 mg/l                      | 0.000502                  | mg/l                |
|                     | Potassium (filtered)                 |                            | 12-Oct-2023         |                                 | 1.88                      | mg/l                |
|                     | Sodium (filtered)                    |                            | 12-Oct-2023         |                                 | 10.9                      | mg/l                |

| Monitoring location | Substance / parameter <sup>(6)</sup> | Test method <sup>(2)</sup> | Date <sup>(3)</sup> | Compliance limit <sup>(7)</sup> | Result <sup>(1) (4)</sup> | Unit <sup>(5)</sup> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|---------------------------|---------------------|
| BH208               | Zinc (filtered)                      | TM152                      | 12-Oct-2023         |                                 | 0.00336                   | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 12-Oct-2023         | <0.001 mg/l                     | <0.001                    | mg/l                |
|                     | Diethyl phthalate                    |                            | 12-Oct-2023         | <0.003 mg/l                     | <0.001                    | mg/l                |
|                     | Chloride                             | TM184                      | 12-Oct-2023         | <150 mg/l                       | 17.8                      | mg/l                |
|                     |                                      |                            | 14-Nov-2023         | <150 mg/l                       | 18.6                      | mg/l                |
|                     |                                      |                            | 07-Dec-2023         | <150 mg/l                       | 18.4                      | mg/l                |
|                     | Nitrate as NO3                       |                            | 12-Oct-2023         |                                 | 10                        | mg/l                |
|                     | Nitrite as NO2                       |                            | 12-Oct-2023         |                                 | <0.05                     | mg/l                |
|                     | Sulphate                             |                            | 12-Oct-2023         |                                 | 8.6                       | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 12-Oct-2023         |                                 | 2.26                      | mg/l                |
|                     | Dichloromethane                      | TM208                      | 12-Oct-2023         | <0.002 mg/l                     | <0.003                    | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM256                      | 12-Oct-2023         |                                 | 472                       | µS/cm               |
|                     |                                      |                            | 14-Nov-2023         |                                 | 466                       | µS/cm               |
|                     |                                      |                            | 07-Dec-2023         |                                 | 472                       | µS/cm               |
|                     | Total Alkalinity as CaCO3            |                            | 12-Oct-2023         |                                 | 233                       | mg/l                |
|                     | Mecoprop                             | TM411                      | 12-Oct-2023         | <0.000055 mg/l                  | <0.00004                  | mg/l                |
| BH3/2               | Base of well/borehole/sump           | Field                      | 12-Oct-2023         |                                 | 9.72                      | m                   |
|                     | Electrical conductivity (field)      |                            | 12-Oct-2023         |                                 | 118                       | µS/cm               |
|                     | Groundwater level/dip                |                            | 12-Oct-2023         |                                 | 1.91                      | m                   |
|                     |                                      |                            | 14-Nov-2023         |                                 | 0.47                      | m                   |
|                     |                                      |                            | 07-Dec-2023         |                                 | 0.47                      | m                   |
|                     | Water temperature                    |                            | 12-Oct-2023         |                                 | 15.2                      | °C                  |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 12-Oct-2023         | <5.5 mg/l                       | <0.2                      | mg/l                |
|                     | Cadmium (filtered)                   | TM152                      | 12-Oct-2023         |                                 | <0.00008                  | mg/l                |
|                     | Calcium (filtered)                   |                            | 12-Oct-2023         |                                 | 40.8                      | mg/l                |
|                     | Chromium (filtered)                  |                            | 12-Oct-2023         |                                 | <0.001                    | mg/l                |
|                     | Copper (filtered)                    |                            | 12-Oct-2023         |                                 | 0.00362                   | mg/l                |
|                     | Iron (filtered)                      |                            | 12-Oct-2023         |                                 | 0.0325                    | mg/l                |
|                     | Lead (filtered)                      |                            | 12-Oct-2023         |                                 | 0.00188                   | mg/l                |
|                     | Magnesium (filtered)                 |                            | 12-Oct-2023         |                                 | 4.04                      | mg/l                |
|                     | Manganese (filtered)                 |                            | 12-Oct-2023         |                                 | 0.0714                    | mg/l                |

| Monitoring location | Substance / parameter <sup>(6)</sup> | Test method <sup>(2)</sup> | Date <sup>(3)</sup> | Compliance limit <sup>(7)</sup> | Result <sup>(1)</sup> <sup>(4)</sup> | Unit <sup>(5)</sup> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| BH3/2               | Nickel (filtered)                    | TM152                      | 12-Oct-2023         |                                 | 0.00148                              | mg/l                |
|                     | Potassium (filtered)                 |                            | 12-Oct-2023         |                                 | 0.863                                | mg/l                |
|                     | Sodium (filtered)                    |                            | 12-Oct-2023         |                                 | 7.88                                 | mg/l                |
|                     | Zinc (filtered)                      |                            | 12-Oct-2023         |                                 | 0.0142                               | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 12-Oct-2023         |                                 | <0.002                               | mg/l                |
|                     | Diethyl phthalate                    |                            | 12-Oct-2023         |                                 | <0.002                               | mg/l                |
|                     | Chloride                             | TM184                      | 12-Oct-2023         | <150 mg/l                       | 13.2                                 | mg/l                |
|                     | Nitrate as NO3                       |                            | 12-Oct-2023         |                                 | 4.94                                 | mg/l                |
|                     | Nitrite as NO2                       |                            | 12-Oct-2023         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 12-Oct-2023         |                                 | 17.8                                 | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 12-Oct-2023         |                                 | 1.12                                 | mg/l                |
|                     | Dichloromethane                      | TM208                      | 12-Oct-2023         |                                 | <0.003                               | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM256                      | 12-Oct-2023         |                                 | 265                                  | µS/cm               |
|                     | Total Alkalinity as CaCO3            |                            | 12-Oct-2023         |                                 | 103                                  | mg/l                |
|                     | Mecoprop                             | TM411                      | 12-Oct-2023         |                                 | <0.0002                              | mg/l                |
| BH3/3               | Electrical conductivity (field)      | Field                      | 12-Oct-2023         |                                 | 141                                  | µS/cm               |
|                     | Groundwater level/dip                |                            | 12-Oct-2023         |                                 | ART                                  | m                   |
|                     |                                      |                            | 14-Nov-2023         |                                 | ART                                  | m                   |
|                     |                                      |                            | 07-Dec-2023         |                                 | ART                                  | m                   |
|                     | Water temperature                    |                            | 12-Oct-2023         |                                 | 14.6                                 | °C                  |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 12-Oct-2023         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     | Cadmium (filtered)                   | TM152                      | 12-Oct-2023         |                                 | <0.00008                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 12-Oct-2023         |                                 | 48.6                                 | mg/l                |
|                     | Chromium (filtered)                  |                            | 12-Oct-2023         |                                 | <0.001                               | mg/l                |
|                     | Copper (filtered)                    |                            | 12-Oct-2023         |                                 | 0.00234                              | mg/l                |
|                     | Iron (filtered)                      |                            | 12-Oct-2023         |                                 | <0.019                               | mg/l                |
|                     | Lead (filtered)                      |                            | 12-Oct-2023         |                                 | 0.00031                              | mg/l                |
|                     | Magnesium (filtered)                 |                            | 12-Oct-2023         |                                 | 5.33                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 12-Oct-2023         |                                 | 0.0207                               | mg/l                |
|                     | Nickel (filtered)                    |                            | 12-Oct-2023         |                                 | 0.00133                              | mg/l                |
|                     | Potassium (filtered)                 |                            | 12-Oct-2023         |                                 | 1.22                                 | mg/l                |

| Monitoring location | Substance / parameter <sup>(6)</sup> | Test method <sup>(2)</sup> | Date <sup>(3)</sup> | Compliance limit <sup>(7)</sup> | Result <sup>(1) (4)</sup> | Unit <sup>(5)</sup> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|---------------------------|---------------------|
| BH3/3               | Sodium (filtered)                    | TM152                      | 12-Oct-2023         |                                 | 8                         | mg/l                |
|                     | Zinc (filtered)                      |                            | 12-Oct-2023         |                                 | 0.0122                    | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 12-Oct-2023         |                                 | <0.008                    | mg/l                |
|                     | Diethyl phthalate                    |                            | 12-Oct-2023         |                                 | <0.008                    | mg/l                |
|                     | Chloride                             | TM184                      | 12-Oct-2023         | <150 mg/l                       | 11.5                      | mg/l                |
|                     | Nitrate as NO3                       |                            | 12-Oct-2023         |                                 | 11.1                      | mg/l                |
|                     | Nitrite as NO2                       |                            | 12-Oct-2023         |                                 | <0.05                     | mg/l                |
|                     | Sulphate                             |                            | 12-Oct-2023         |                                 | 5.1                       | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 12-Oct-2023         |                                 | 2.52                      | mg/l                |
|                     | Dichloromethane                      | TM208                      | 12-Oct-2023         |                                 | <0.003                    | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM256                      | 12-Oct-2023         |                                 | 305                       | µS/cm               |
|                     | Total Alkalinity as CaCO3            |                            | 12-Oct-2023         |                                 | 140                       | mg/l                |
|                     | Mecoprop                             | TM411                      | 12-Oct-2023         |                                 | <0.00004                  | mg/l                |
|                     | Base of well/borehole/sump           | Field                      | 12-Oct-2023         |                                 | 10.25                     | m                   |
| BH3/4               | Electrical conductivity (field)      |                            | 12-Oct-2023         |                                 | 282                       | µS/cm               |
|                     |                                      |                            | 14-Nov-2023         |                                 | 258                       | µS/cm               |
|                     |                                      |                            | 07-Dec-2023         |                                 | 102                       | µS/cm               |
|                     | Groundwater level/dip                |                            | 12-Oct-2023         |                                 | 1.66                      | m                   |
|                     |                                      |                            | 14-Nov-2023         |                                 | 0.54                      | m                   |
|                     |                                      |                            | 07-Dec-2023         |                                 | 0.68                      | m                   |
|                     | Water temperature                    |                            | 12-Oct-2023         |                                 | 14.7                      | °C                  |
|                     |                                      |                            | 14-Nov-2023         |                                 | 11.9                      | °C                  |
|                     |                                      |                            | 07-Dec-2023         |                                 | 9.4                       | °C                  |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 12-Oct-2023         | <5.5 mg/l                       | 0.267                     | mg/l                |
|                     |                                      |                            | 14-Nov-2023         | <5.5 mg/l                       | 2.96                      | mg/l                |
|                     |                                      |                            | 07-Dec-2023         | <5.5 mg/l                       | <0.2                      | mg/l                |
|                     | Cadmium (filtered)                   | TM152                      | 12-Oct-2023         | <0.0001 mg/l                    | <0.00008                  | mg/l                |
|                     | Calcium (filtered)                   |                            | 12-Oct-2023         |                                 | 71.4                      | mg/l                |
|                     | Chromium (filtered)                  |                            | 12-Oct-2023         |                                 | <0.001                    | mg/l                |
|                     | Copper (filtered)                    |                            | 12-Oct-2023         |                                 | 0.00477                   | mg/l                |
|                     | Iron (filtered)                      |                            | 12-Oct-2023         |                                 | 0.3                       | mg/l                |

| Monitoring location | Substance / parameter <sup>(6)</sup> | Test method <sup>(2)</sup> | Date <sup>(3)</sup> | Compliance limit <sup>(7)</sup> | Result <sup>(1) (4)</sup> | Unit <sup>(5)</sup> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|---------------------------|---------------------|
| BH3/4               | Lead (filtered)                      | TM152                      | 12-Oct-2023         |                                 | 0.000247                  | mg/l                |
|                     | Magnesium (filtered)                 |                            | 12-Oct-2023         |                                 | 10.2                      | mg/l                |
|                     | Manganese (filtered)                 |                            | 12-Oct-2023         |                                 | 0.718                     | mg/l                |
|                     | Nickel (filtered)                    |                            | 12-Oct-2023         | <0.02 mg/l                      | 0.0049                    | mg/l                |
|                     | Potassium (filtered)                 |                            | 12-Oct-2023         |                                 | 46.7                      | mg/l                |
|                     | Sodium (filtered)                    |                            | 12-Oct-2023         |                                 | 19.9                      | mg/l                |
|                     | Zinc (filtered)                      |                            | 12-Oct-2023         |                                 | 0.0165                    | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 12-Oct-2023         | <0.001 mg/l                     | <0.008                    | mg/l                |
|                     | Diethyl phthalate                    |                            | 12-Oct-2023         | <0.003 mg/l                     | <0.008                    | mg/l                |
|                     | Chloride                             | TM184                      | 12-Oct-2023         | <150 mg/l                       | 38.7                      | mg/l                |
|                     |                                      |                            | 14-Nov-2023         | <150 mg/l                       | 41                        | mg/l                |
|                     |                                      |                            | 07-Dec-2023         | <150 mg/l                       | 12.2                      | mg/l                |
|                     | Nitrate as NO3                       |                            | 12-Oct-2023         |                                 | 1.48                      | mg/l                |
|                     | Nitrite as NO2                       |                            | 12-Oct-2023         |                                 | <0.05                     | mg/l                |
|                     | Sulphate                             |                            | 12-Oct-2023         |                                 | 95                        | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 12-Oct-2023         |                                 | 0.335                     | mg/l                |
|                     | Dichloromethane                      | TM208                      | 12-Oct-2023         | <0.002 mg/l                     | <0.003                    | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM256                      | 12-Oct-2023         |                                 | 628                       | µS/cm               |
|                     |                                      |                            | 14-Nov-2023         |                                 | 584                       | µS/cm               |
|                     |                                      |                            | 07-Dec-2023         |                                 | 246                       | µS/cm               |
|                     | Total Alkalinity as CaCO3            |                            | 12-Oct-2023         |                                 | 185                       | mg/l                |
|                     | Mecoprop                             | TM411                      | 12-Oct-2023         | <0.000055 mg/l                  | <0.0002                   | mg/l                |
| BH3/5               | Base of well/borehole/sump           | Field                      | 12-Oct-2023         |                                 | 6.76                      | m                   |
|                     | Electrical conductivity (field)      |                            | 12-Oct-2023         |                                 | 183                       | µS/cm               |
|                     | Groundwater level/dip                |                            | 12-Oct-2023         |                                 | 2.11                      | m                   |
|                     |                                      |                            | 14-Nov-2023         |                                 | 1.72                      | m                   |
|                     |                                      |                            | 07-Dec-2023         |                                 | 2.32                      | m                   |
|                     | Water temperature                    |                            | 12-Oct-2023         |                                 | 14.9                      | °C                  |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 12-Oct-2023         | <5.5 mg/l                       | <0.2                      | mg/l                |
|                     | Cadmium (filtered)                   | TM152                      | 12-Oct-2023         |                                 | <0.00008                  | mg/l                |
|                     | Calcium (filtered)                   |                            | 12-Oct-2023         |                                 | 44.2                      | mg/l                |

| Monitoring location | Substance / parameter <sup>(6)</sup> | Test method <sup>(2)</sup> | Date <sup>(3)</sup> | Compliance limit <sup>(7)</sup> | Result <sup>(1)</sup> <sup>(4)</sup> | Unit <sup>(5)</sup> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| BH3/5               | Chromium (filtered)                  | TM152                      | 12-Oct-2023         |                                 | <0.001                               | mg/l                |
|                     | Copper (filtered)                    |                            | 12-Oct-2023         |                                 | 0.00964                              | mg/l                |
|                     | Iron (filtered)                      |                            | 12-Oct-2023         |                                 | <0.019                               | mg/l                |
|                     | Lead (filtered)                      | TM176                      | 12-Oct-2023         |                                 | 0.000228                             | mg/l                |
|                     | Magnesium (filtered)                 |                            | 12-Oct-2023         |                                 | 3.85                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 12-Oct-2023         |                                 | 0.0288                               | mg/l                |
|                     | Nickel (filtered)                    |                            | 12-Oct-2023         |                                 | 0.00226                              | mg/l                |
|                     | Potassium (filtered)                 |                            | 12-Oct-2023         |                                 | 7.42                                 | mg/l                |
|                     | Sodium (filtered)                    |                            | 12-Oct-2023         |                                 | 22                                   | mg/l                |
|                     | Zinc (filtered)                      |                            | 12-Oct-2023         |                                 | 0.028                                | mg/l                |
|                     | 4-Methylphenol                       | TM184                      | 12-Oct-2023         |                                 | <0.002                               | mg/l                |
|                     | Diethyl phthalate                    |                            | 12-Oct-2023         |                                 | <0.002                               | mg/l                |
|                     | Chloride                             |                            | 12-Oct-2023         | <150 mg/l                       | 33.2                                 | mg/l                |
|                     | Nitrate as NO3                       |                            | 12-Oct-2023         |                                 | 6.5                                  | mg/l                |
|                     | Nitrite as NO2                       |                            | 12-Oct-2023         |                                 | <0.05                                | mg/l                |
| BH3/6               | Sulphate                             |                            | 12-Oct-2023         |                                 | 84.4                                 | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 12-Oct-2023         |                                 | 1.47                                 | mg/l                |
|                     | Dichloromethane                      | TM208                      | 12-Oct-2023         |                                 | <0.003                               | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM256                      | 12-Oct-2023         |                                 | 384                                  | µS/cm               |
|                     | Total Alkalinity as CaCO3            | TM411                      | 12-Oct-2023         |                                 | 50.1                                 | mg/l                |
|                     | Mecoprop                             |                            | 12-Oct-2023         |                                 | <0.00004                             | mg/l                |
|                     | Base of well/borehole/sump           |                            | 12-Oct-2023         |                                 | 10                                   | m                   |
|                     | Electrical conductivity (field)      | Field                      | 12-Oct-2023         |                                 | 284                                  | µS/cm               |
|                     | Groundwater level/dip                |                            | 12-Oct-2023         |                                 | 1.32                                 | m                   |
|                     |                                      |                            | 14-Nov-2023         |                                 | 1.12                                 | m                   |
|                     |                                      |                            | 07-Dec-2023         |                                 | 1.24                                 | m                   |
|                     | Water temperature                    |                            | 12-Oct-2023         |                                 | 16.9                                 | °C                  |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 12-Oct-2023         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     | Cadmium (filtered)                   | TM152                      | 12-Oct-2023         |                                 | <0.00008                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 12-Oct-2023         |                                 | 105                                  | mg/l                |
|                     | Chromium (filtered)                  |                            | 12-Oct-2023         |                                 | <0.001                               | mg/l                |

| Monitoring location | Substance / parameter <sup>(6)</sup> | Test method <sup>(2)</sup> | Date <sup>(3)</sup> | Compliance limit <sup>(7)</sup> | Result <sup>(1) (4)</sup> | Unit <sup>(5)</sup> |   |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|---------------------------|---------------------|---|
| BH3/6               | Copper (filtered)                    | TM152                      | 12-Oct-2023         |                                 | 0.00458                   | mg/l                |   |
|                     | Iron (filtered)                      |                            | 12-Oct-2023         |                                 | 0.122                     | mg/l                |   |
|                     | Lead (filtered)                      |                            | 12-Oct-2023         |                                 | 0.000381                  | mg/l                |   |
|                     | Magnesium (filtered)                 |                            | 12-Oct-2023         |                                 | 8.7                       | mg/l                |   |
|                     | Manganese (filtered)                 |                            | 12-Oct-2023         |                                 | 0.0515                    | mg/l                |   |
|                     | Nickel (filtered)                    |                            | 12-Oct-2023         |                                 | 0.00173                   | mg/l                |   |
|                     | Potassium (filtered)                 |                            | 12-Oct-2023         |                                 | 6.67                      | mg/l                |   |
|                     | Sodium (filtered)                    |                            | 12-Oct-2023         |                                 | 9.4                       | mg/l                |   |
|                     | Zinc (filtered)                      |                            | 12-Oct-2023         |                                 | 0.0187                    | mg/l                |   |
|                     | 4-Methylphenol                       | TM176                      | 12-Oct-2023         |                                 | <0.008                    | mg/l                |   |
|                     | Diethyl phthalate                    |                            | 12-Oct-2023         |                                 | <0.008                    | mg/l                |   |
|                     | Chloride                             | TM184                      | 12-Oct-2023         | <150 mg/l                       | 15                        | mg/l                |   |
|                     | Nitrate as NO3                       |                            | 12-Oct-2023         |                                 | 3.2                       | mg/l                |   |
|                     | Nitrite as NO2                       |                            | 12-Oct-2023         |                                 | <0.05                     | mg/l                |   |
|                     | Sulphate                             |                            | 12-Oct-2023         |                                 | 233                       | mg/l                |   |
|                     | Total Oxidised Nitrogen as N         |                            | 12-Oct-2023         |                                 | 0.721                     | mg/l                |   |
|                     | Dichloromethane                      | TM208                      | 12-Oct-2023         |                                 | <0.003                    | mg/l                |   |
|                     | Electrical conductivity @20°C (lab)  | TM256                      | 12-Oct-2023         |                                 | 626                       | µS/cm               |   |
|                     | Total Alkalinity as CaCO3            |                            | 12-Oct-2023         |                                 | 76.2                      | mg/l                |   |
|                     | Mecoprop                             | TM411                      | 12-Oct-2023         |                                 | <0.0002                   | mg/l                |   |
| BH3/8               | Base of well/borehole/sump           | Field                      | 12-Oct-2023         |                                 | 10.49                     | m                   |   |
|                     | Electrical conductivity (field)      |                            | 12-Oct-2023         |                                 | 264                       | µS/cm               |   |
|                     | Groundwater level/dip                |                            | 12-Oct-2023         |                                 | 0.72                      | m                   |   |
|                     |                                      |                            |                     | 14-Nov-2023                     |                           | 0.62                | m |
|                     |                                      |                            |                     | 07-Dec-2023                     |                           | 0.78                | m |
|                     | Water temperature                    |                            | 12-Oct-2023         |                                 | 14.4                      | °C                  |   |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 12-Oct-2023         | <5.5 mg/l                       | <0.2                      | mg/l                |   |
|                     | Cadmium (filtered)                   | TM152                      | 12-Oct-2023         |                                 | <0.00008                  | mg/l                |   |
|                     | Calcium (filtered)                   |                            | 12-Oct-2023         |                                 | 71.1                      | mg/l                |   |
|                     | Chromium (filtered)                  |                            | 12-Oct-2023         |                                 | <0.001                    | mg/l                |   |
| Copper (filtered)   | 12-Oct-2023                          |                            | 0.00776             |                                 | mg/l                      |                     |   |

| Monitoring location | Substance / parameter <sup>(6)</sup> | Test method <sup>(2)</sup> | Date <sup>(3)</sup> | Compliance limit <sup>(7)</sup> | Result <sup>(1)</sup> <sup>(4)</sup> | Unit <sup>(5)</sup> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| BH3/8               | Iron (filtered)                      | TM152                      | 12-Oct-2023         |                                 | 0.0296                               | mg/l                |
|                     | Lead (filtered)                      |                            | 12-Oct-2023         |                                 | 0.000239                             | mg/l                |
|                     | Magnesium (filtered)                 |                            | 12-Oct-2023         |                                 | 5.48                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 12-Oct-2023         |                                 | 0.0442                               | mg/l                |
|                     | Nickel (filtered)                    |                            | 12-Oct-2023         |                                 | 0.00339                              | mg/l                |
|                     | Potassium (filtered)                 |                            | 12-Oct-2023         |                                 | 12                                   | mg/l                |
|                     | Sodium (filtered)                    |                            | 12-Oct-2023         |                                 | 32.5                                 | mg/l                |
|                     | Zinc (filtered)                      |                            | 12-Oct-2023         |                                 | 0.0381                               | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 12-Oct-2023         |                                 | <0.002                               | mg/l                |
|                     | Diethyl phthalate                    |                            | 12-Oct-2023         |                                 | <0.002                               | mg/l                |
|                     | Chloride                             | TM184                      | 12-Oct-2023         | <150 mg/l                       | 51.7                                 | mg/l                |
|                     | Nitrate as NO3                       |                            | 12-Oct-2023         |                                 | 8.69                                 | mg/l                |
|                     | Nitrite as NO2                       |                            | 12-Oct-2023         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 12-Oct-2023         |                                 | 141                                  | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 12-Oct-2023         |                                 | 1.96                                 | mg/l                |
|                     | Dichloromethane                      | TM208                      | 12-Oct-2023         |                                 | <0.003                               | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM256                      | 12-Oct-2023         |                                 | 582                                  | µS/cm               |
|                     | Total Alkalinity as CaCO3            |                            | 12-Oct-2023         |                                 | 64.9                                 | mg/l                |
|                     | Mecoprop                             | TM411                      | 12-Oct-2023         |                                 | <0.00004                             | mg/l                |
| BH3/9               | Base of well/borehole/sump           | Field                      | 12-Oct-2023         |                                 | 10.44                                | m                   |
|                     | Electrical conductivity (field)      |                            | 12-Oct-2023         |                                 | 77                                   | µS/cm               |
|                     | Groundwater level/dip                |                            | 12-Oct-2023         |                                 | 2.56                                 | m                   |
|                     |                                      |                            | 14-Nov-2023         |                                 | 1.51                                 | m                   |
|                     |                                      |                            | 07-Dec-2023         |                                 | 2.29                                 | m                   |
|                     | Water temperature                    |                            | 12-Oct-2023         |                                 | 14.8                                 | °C                  |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 12-Oct-2023         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     | Cadmium (filtered)                   |                            | 12-Oct-2023         |                                 | <0.00008                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 12-Oct-2023         |                                 | 25.4                                 | mg/l                |
|                     | Chromium (filtered)                  |                            | 12-Oct-2023         |                                 | <0.001                               | mg/l                |
|                     | Copper (filtered)                    |                            | 12-Oct-2023         |                                 | 0.0024                               | mg/l                |
|                     | Iron (filtered)                      |                            | 12-Oct-2023         |                                 | <0.019                               | mg/l                |

| Monitoring location | Substance / parameter <sup>(6)</sup> | Test method <sup>(2)</sup> | Date <sup>(3)</sup> | Compliance limit <sup>(7)</sup> | Result <sup>(1)</sup> <sup>(4)</sup> | Unit <sup>(5)</sup> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| BH3/9               | Lead (filtered)                      | TM152                      | 12-Oct-2023         |                                 | 0.00022                              | mg/l                |
|                     | Magnesium (filtered)                 |                            | 12-Oct-2023         |                                 | 1.07                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 12-Oct-2023         |                                 | 0.00315                              | mg/l                |
|                     | Nickel (filtered)                    |                            | 12-Oct-2023         |                                 | 0.00112                              | mg/l                |
|                     | Potassium (filtered)                 |                            | 12-Oct-2023         |                                 | 0.42                                 | mg/l                |
|                     | Sodium (filtered)                    |                            | 12-Oct-2023         |                                 | 7.3                                  | mg/l                |
|                     | Zinc (filtered)                      |                            | 12-Oct-2023         |                                 | 0.00859                              | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 12-Oct-2023         |                                 | <0.01                                | mg/l                |
|                     | Diethyl phthalate                    |                            | 12-Oct-2023         |                                 | <0.01                                | mg/l                |
|                     | Chloride                             | TM184                      | 12-Oct-2023         | <150 mg/l                       | 7                                    | mg/l                |
|                     | Nitrate as NO3                       |                            | 12-Oct-2023         |                                 | 2.64                                 | mg/l                |
|                     | Nitrite as NO2                       |                            | 12-Oct-2023         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 12-Oct-2023         |                                 | 4.8                                  | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 12-Oct-2023         |                                 | 0.595                                | mg/l                |
|                     | Dichloromethane                      | TM208                      | 12-Oct-2023         |                                 | <0.003                               | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM256                      | 12-Oct-2023         |                                 | 168                                  | µS/cm               |
|                     | Total Alkalinity as CaCO3            |                            | 12-Oct-2023         |                                 | 72.5                                 | mg/l                |
|                     | Mecoprop                             | TM411                      | 12-Oct-2023         |                                 | <0.0002                              | mg/l                |
| BH5/02              | Base of well/borehole/sump           |                            | 12-Oct-2023         |                                 | 19.47                                | m                   |
|                     | Electrical conductivity (field)      |                            | 12-Oct-2023         |                                 | 220                                  | µS/cm               |
|                     |                                      |                            | 14-Nov-2023         |                                 | 215                                  | µS/cm               |
|                     |                                      |                            | 07-Dec-2023         |                                 | 189                                  | µS/cm               |
|                     | Groundwater level/dip                |                            | 12-Oct-2023         |                                 | 1.97                                 | m                   |
|                     |                                      |                            | 14-Nov-2023         |                                 | 1.77                                 | m                   |
|                     |                                      |                            | 07-Dec-2023         |                                 | 2.12                                 | m                   |
|                     | Water temperature                    |                            | 12-Oct-2023         |                                 | 15.1                                 | °C                  |
|                     |                                      |                            | 14-Nov-2023         |                                 | 13.2                                 | °C                  |
|                     |                                      |                            | 07-Dec-2023         |                                 | 11                                   | °C                  |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 12-Oct-2023         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 14-Nov-2023         |                                 | <0.2                                 | mg/l                |
|                     |                                      |                            | 07-Dec-2023         |                                 | <0.2                                 | mg/l                |

| Monitoring location | Substance / parameter <sup>(6)</sup> | Test method <sup>(2)</sup> | Date <sup>(3)</sup> | Compliance limit <sup>(7)</sup> | Result <sup>(1) (4)</sup> | Unit <sup>(5)</sup> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|---------------------------|---------------------|
| BH5/02              | Cadmium (filtered)                   | TM152                      | 12-Oct-2023         | <0.0001 mg/l                    | <0.00008                  | mg/l                |
|                     | Calcium (filtered)                   |                            | 12-Oct-2023         |                                 | 78.8                      | mg/l                |
|                     | Chromium (filtered)                  |                            | 12-Oct-2023         |                                 | <0.001                    | mg/l                |
|                     | Copper (filtered)                    |                            | 12-Oct-2023         |                                 | 0.000414                  | mg/l                |
|                     | Iron (filtered)                      |                            | 12-Oct-2023         |                                 | <0.019                    | mg/l                |
|                     | Lead (filtered)                      |                            | 12-Oct-2023         |                                 | <0.0002                   | mg/l                |
|                     | Magnesium (filtered)                 |                            | 12-Oct-2023         |                                 | 9.03                      | mg/l                |
|                     | Manganese (filtered)                 |                            | 12-Oct-2023         |                                 | 0.00488                   | mg/l                |
|                     | Nickel (filtered)                    |                            | 12-Oct-2023         | <0.02 mg/l                      | <0.0004                   | mg/l                |
|                     | Potassium (filtered)                 |                            | 12-Oct-2023         |                                 | 1.36                      | mg/l                |
|                     | Sodium (filtered)                    |                            | 12-Oct-2023         |                                 | 10.4                      | mg/l                |
|                     | Zinc (filtered)                      |                            | 12-Oct-2023         |                                 | 0.00164                   | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 12-Oct-2023         | <0.001 mg/l                     | <0.001                    | mg/l                |
|                     | Diethyl phthalate                    |                            | 12-Oct-2023         | <0.003 mg/l                     | <0.001                    | mg/l                |
|                     | Chloride                             | TM184                      | 12-Oct-2023         | <150 mg/l                       | 24.2                      | mg/l                |
|                     |                                      |                            | 14-Nov-2023         | <150 mg/l                       | 24.5                      | mg/l                |
|                     |                                      |                            | 07-Dec-2023         | <150 mg/l                       | 24.5                      | mg/l                |
|                     | Nitrate as NO3                       |                            | 12-Oct-2023         |                                 | 9.47                      | mg/l                |
|                     | Nitrite as NO2                       |                            | 12-Oct-2023         |                                 | <0.05                     | mg/l                |
|                     | Sulphate                             |                            | 12-Oct-2023         |                                 | 11.9                      | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 12-Oct-2023         |                                 | 2.14                      | mg/l                |
|                     | Dichloromethane                      | TM208                      | 12-Oct-2023         | <0.002 mg/l                     | <0.003                    | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM256                      | 12-Oct-2023         |                                 | 488                       | µS/cm               |
|                     |                                      |                            | 14-Nov-2023         |                                 | 478                       | µS/cm               |
|                     |                                      |                            | 07-Dec-2023         |                                 | 484                       | µS/cm               |
|                     | Total Alkalinity as CaCO3            |                            | 12-Oct-2023         |                                 | 226                       | mg/l                |
|                     | Mecoprop                             | TM411                      | 12-Oct-2023         | <0.000055 mg/l                  | <0.00004                  | mg/l                |
| NACW203             | Base of well/borehole/sump           | Field                      | 12-Oct-2023         |                                 | 15.96                     | m                   |
|                     | Electrical conductivity (field)      |                            | 12-Oct-2023         |                                 | 292                       | µS/cm               |
|                     |                                      |                            | 14-Nov-2023         |                                 | 133                       | µS/cm               |
|                     |                                      |                            | 07-Dec-2023         |                                 | 187                       | µS/cm               |

| Monitoring location | Substance / parameter <sup>(6)</sup> | Test method <sup>(2)</sup> | Date <sup>(3)</sup> | Compliance limit <sup>(7)</sup> | Result <sup>(1) (4)</sup> | Unit <sup>(5)</sup> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|---------------------------|---------------------|
| NACW203             | Groundwater level/dip                | Field                      | 12-Oct-2023         |                                 | 0.16                      | m                   |
|                     |                                      |                            | 14-Nov-2023         |                                 | 0.34                      | m                   |
|                     |                                      |                            | 07-Dec-2023         |                                 | 0.9                       | m                   |
|                     | Water temperature                    |                            | 12-Oct-2023         |                                 | 16.2                      | °C                  |
|                     |                                      |                            | 14-Nov-2023         |                                 | 15                        | °C                  |
|                     |                                      |                            | 07-Dec-2023         |                                 | 8.9                       | °C                  |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 12-Oct-2023         | <5.5 mg/l                       | 3.98                      | mg/l                |
|                     |                                      |                            | 14-Nov-2023         | <5.5 mg/l                       | <0.2                      | mg/l                |
|                     |                                      |                            | 07-Dec-2023         | <5.5 mg/l                       | 0.218                     | mg/l                |
|                     | Cadmium (filtered)                   | TM152                      | 12-Oct-2023         | <0.0001 mg/l                    | <0.00008                  | mg/l                |
|                     | Calcium (filtered)                   |                            | 12-Oct-2023         |                                 | 58.1                      | mg/l                |
|                     | Chromium (filtered)                  |                            | 12-Oct-2023         |                                 | <0.001                    | mg/l                |
|                     | Copper (filtered)                    |                            | 12-Oct-2023         |                                 | 0.0112                    | mg/l                |
|                     | Iron (filtered)                      |                            | 12-Oct-2023         |                                 | 0.774                     | mg/l                |
|                     | Lead (filtered)                      |                            | 12-Oct-2023         |                                 | 0.000779                  | mg/l                |
|                     | Magnesium (filtered)                 |                            | 12-Oct-2023         |                                 | 6.41                      | mg/l                |
|                     | Manganese (filtered)                 |                            | 12-Oct-2023         |                                 | 1.3                       | mg/l                |
|                     | Nickel (filtered)                    |                            | 12-Oct-2023         | <0.02 mg/l                      | 0.00672                   | mg/l                |
|                     | Potassium (filtered)                 |                            | 12-Oct-2023         |                                 | 57.5                      | mg/l                |
|                     | Sodium (filtered)                    |                            | 12-Oct-2023         |                                 | 25.3                      | mg/l                |
|                     | Zinc (filtered)                      |                            | 12-Oct-2023         |                                 | 0.0234                    | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 12-Oct-2023         | <0.001 mg/l                     | <0.004                    | mg/l                |
|                     | Diethyl phthalate                    |                            | 12-Oct-2023         | <0.003 mg/l                     | <0.004                    | mg/l                |
|                     | Chloride                             | TM184                      | 12-Oct-2023         | <150 mg/l                       | 58.6                      | mg/l                |
|                     |                                      |                            | 14-Nov-2023         | <150 mg/l                       | 27                        | mg/l                |
|                     |                                      |                            | 07-Dec-2023         | <150 mg/l                       | 33.2                      | mg/l                |
|                     | Nitrate as NO3                       |                            | 12-Oct-2023         |                                 | 1.73                      | mg/l                |
|                     | Nitrite as NO2                       |                            | 12-Oct-2023         |                                 | 0.093                     | mg/l                |
|                     | Sulphate                             |                            | 12-Oct-2023         |                                 | 48.2                      | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 12-Oct-2023         |                                 | 0.42                      | mg/l                |
|                     | Dichloromethane                      | TM208                      | 12-Oct-2023         | <0.002 mg/l                     | <0.003                    | mg/l                |

| Monitoring location | Substance / parameter <sup>(6)</sup> | Test method <sup>(2)</sup> | Date <sup>(3)</sup> | Compliance limit <sup>(7)</sup> | Result <sup>(1)</sup> <sup>(4)</sup> | Unit <sup>(5)</sup> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| NACW203             | Electrical conductivity @20°C (lab)  | TM256                      | 12-Oct-2023         |                                 | 617                                  | µS/cm               |
|                     |                                      |                            | 14-Nov-2023         |                                 | 385                                  | µS/cm               |
|                     |                                      |                            | 07-Dec-2023         |                                 | 487                                  | µS/cm               |
|                     | Total Alkalinity as CaCO3            |                            | 12-Oct-2023         |                                 | 185                                  | mg/l                |
|                     | Mecoprop                             | TM411                      | 12-Oct-2023         | <0.000055 mg/l                  | 0.000209                             | mg/l                |
| NACW205             | Base of well/borehole/sump           | Field                      | 12-Oct-2023         |                                 | 19.65                                | m                   |
|                     | Electrical conductivity (field)      |                            | 12-Oct-2023         |                                 | 268                                  | µS/cm               |
|                     |                                      |                            | 14-Nov-2023         |                                 | 266                                  | µS/cm               |
|                     |                                      |                            | 07-Dec-2023         |                                 | 258                                  | µS/cm               |
|                     | Groundwater level/dip                |                            | 12-Oct-2023         |                                 | 0.81                                 | m                   |
|                     |                                      |                            | 14-Nov-2023         |                                 | 0.62                                 | m                   |
|                     |                                      |                            | 07-Dec-2023         |                                 | 0.76                                 | m                   |
|                     | Water temperature                    |                            | 12-Oct-2023         |                                 | 14                                   | °C                  |
|                     |                                      |                            | 14-Nov-2023         |                                 | 12.1                                 | °C                  |
|                     |                                      |                            | 07-Dec-2023         |                                 | 11.4                                 | °C                  |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 12-Oct-2023         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 14-Nov-2023         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 07-Dec-2023         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     | Cadmium (filtered)                   | TM152                      | 12-Oct-2023         | <0.0001 mg/l                    | <0.00008                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 12-Oct-2023         |                                 | 105                                  | mg/l                |
|                     | Chromium (filtered)                  |                            | 12-Oct-2023         |                                 | <0.001                               | mg/l                |
|                     | Copper (filtered)                    |                            | 12-Oct-2023         |                                 | 0.00168                              | mg/l                |
|                     | Iron (filtered)                      |                            | 12-Oct-2023         |                                 | <0.019                               | mg/l                |
|                     | Lead (filtered)                      |                            | 12-Oct-2023         |                                 | <0.0002                              | mg/l                |
|                     | Magnesium (filtered)                 |                            | 12-Oct-2023         |                                 | 9.94                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 12-Oct-2023         |                                 | 0.0279                               | mg/l                |
|                     | Nickel (filtered)                    |                            | 12-Oct-2023         | <0.02 mg/l                      | 0.000943                             | mg/l                |
|                     | Potassium (filtered)                 |                            | 12-Oct-2023         |                                 | 1.89                                 | mg/l                |
|                     | Sodium (filtered)                    |                            | 12-Oct-2023         |                                 | 11.1                                 | mg/l                |
|                     | Zinc (filtered)                      |                            | 12-Oct-2023         |                                 | 0.0154                               | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 12-Oct-2023         | <0.001 mg/l                     | <0.001                               | mg/l                |

| Monitoring location | Substance / parameter <sup>(6)</sup> | Test method <sup>(2)</sup> | Date <sup>(3)</sup> | Compliance limit <sup>(7)</sup> | Result <sup>(1)</sup> <sup>(4)</sup> | Unit <sup>(5)</sup> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| NACW205             | Diethyl phthalate                    | TM176                      | 12-Oct-2023         | <0.003 mg/l                     | <0.001                               | mg/l                |
|                     | Chloride                             | TM184                      | 12-Oct-2023         | <150 mg/l                       | 44.8                                 | mg/l                |
|                     |                                      |                            | 14-Nov-2023         | <150 mg/l                       | 47.9                                 | mg/l                |
|                     |                                      |                            | 07-Dec-2023         | <150 mg/l                       | 43.1                                 | mg/l                |
|                     | Nitrate as NO3                       |                            | 12-Oct-2023         |                                 | 8.86                                 | mg/l                |
|                     | Nitrite as NO2                       |                            | 12-Oct-2023         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 12-Oct-2023         |                                 | 12.9                                 | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 12-Oct-2023         |                                 | 2                                    | mg/l                |
|                     | Dichloromethane                      | TM208                      | 12-Oct-2023         | <0.002 mg/l                     | <0.003                               | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM256                      | 12-Oct-2023         |                                 | 586                                  | µS/cm               |
|                     |                                      |                            | 14-Nov-2023         |                                 | 579                                  | µS/cm               |
|                     |                                      |                            | 07-Dec-2023         |                                 | 565                                  | µS/cm               |
|                     | Total Alkalinity as CaCO3            |                            | 12-Oct-2023         |                                 | 248                                  | mg/l                |
|                     | Mecoprop                             | TM411                      | 12-Oct-2023         | <0.000055 mg/l                  | <0.00004                             | mg/l                |
| NACW212             | Base of well/borehole/sump           | Field                      | 12-Oct-2023         |                                 | 9                                    | m                   |
|                     | Electrical conductivity (field)      |                            | 12-Oct-2023         |                                 | 197                                  | µS/cm               |
|                     |                                      |                            | 14-Nov-2023         |                                 | 210                                  | µS/cm               |
|                     |                                      |                            | 07-Dec-2023         |                                 | 99                                   | µS/cm               |
|                     | Groundwater level/dip                |                            | 12-Oct-2023         |                                 | 1.05                                 | m                   |
|                     |                                      |                            | 14-Nov-2023         |                                 | 0.53                                 | m                   |
|                     |                                      |                            | 07-Dec-2023         |                                 | 0.98                                 | m                   |
|                     | Water temperature                    |                            | 12-Oct-2023         |                                 | 16                                   | °C                  |
|                     |                                      |                            | 14-Nov-2023         |                                 | 11.7                                 | °C                  |
|                     |                                      |                            | 07-Dec-2023         |                                 | 10.9                                 | °C                  |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 12-Oct-2023         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 14-Nov-2023         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 07-Dec-2023         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     | Cadmium (filtered)                   | TM152                      | 12-Oct-2023         | <0.0001 mg/l                    | <0.00008                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 12-Oct-2023         |                                 | 67.6                                 | mg/l                |
|                     | Chromium (filtered)                  |                            | 12-Oct-2023         |                                 | <0.001                               | mg/l                |
|                     | Copper (filtered)                    |                            | 12-Oct-2023         |                                 | 0.00998                              | mg/l                |

| Monitoring location | Substance / parameter <sup>(6)</sup> | Test method <sup>(2)</sup> | Date <sup>(3)</sup> | Compliance limit <sup>(7)</sup> | Result <sup>(1) (4)</sup> | Unit <sup>(5)</sup> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|---------------------------|---------------------|
| NACW212             | Iron (filtered)                      | TM152                      | 12-Oct-2023         |                                 | <0.019                    | mg/l                |
|                     | Lead (filtered)                      |                            | 12-Oct-2023         |                                 | <0.0002                   | mg/l                |
|                     | Magnesium (filtered)                 |                            | 12-Oct-2023         |                                 | 6.02                      | mg/l                |
|                     | Manganese (filtered)                 |                            | 12-Oct-2023         |                                 | 0.0122                    | mg/l                |
|                     | Nickel (filtered)                    |                            | 12-Oct-2023         | <0.037 mg/l                     | 0.00161                   | mg/l                |
|                     | Potassium (filtered)                 |                            | 12-Oct-2023         |                                 | 9.15                      | mg/l                |
|                     | Sodium (filtered)                    |                            | 12-Oct-2023         |                                 | 12.6                      | mg/l                |
|                     | Zinc (filtered)                      |                            | 12-Oct-2023         |                                 | 0.0373                    | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 12-Oct-2023         | <0.001 mg/l                     | <0.01                     | mg/l                |
|                     | Diethyl phthalate                    |                            | 12-Oct-2023         | <0.003 mg/l                     | <0.01                     | mg/l                |
|                     | Chloride                             | TM184                      | 12-Oct-2023         | <150 mg/l                       | 21.4                      | mg/l                |
|                     |                                      |                            | 14-Nov-2023         | <150 mg/l                       | 16.1                      | mg/l                |
|                     |                                      |                            | 07-Dec-2023         | <150 mg/l                       | 14.2                      | mg/l                |
|                     | Nitrate as NO3                       |                            | 12-Oct-2023         |                                 | 19.9                      | mg/l                |
|                     | Nitrite as NO2                       |                            | 12-Oct-2023         |                                 | <0.05                     | mg/l                |
|                     | Sulphate                             |                            | 12-Oct-2023         |                                 | 61.2                      | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 12-Oct-2023         |                                 | 4.49                      | mg/l                |
|                     | Dichloromethane                      | TM208                      | 12-Oct-2023         | <0.002 mg/l                     | <0.003                    | mg/l                |
|                     | Electrical conductivity @20°C (lab)  |                            | 12-Oct-2023         |                                 | 432                       | µS/cm               |
|                     |                                      |                            | 14-Nov-2023         |                                 | 460                       | µS/cm               |
| NACW213             |                                      |                            | 07-Dec-2023         |                                 | 190                       | µS/cm               |
|                     | Total Alkalinity as CaCO3            |                            | 12-Oct-2023         |                                 | 126                       | mg/l                |
|                     | Mecoprop                             | TM411                      | 12-Oct-2023         | <0.000055 mg/l                  | <0.0002                   | mg/l                |
|                     | Base of well/borehole/sump           |                            | 12-Oct-2023         |                                 | 10.24                     | m                   |
|                     | Groundwater level/dip                |                            | 12-Oct-2023         |                                 | 1.94                      | m                   |
|                     |                                      |                            | 14-Nov-2023         |                                 | 1.55                      | m                   |
|                     |                                      |                            | 07-Dec-2023         |                                 | 1.82                      | m                   |
| NACW219             | Base of well/borehole/sump           |                            | 12-Oct-2023         |                                 | 15.27                     | m                   |
|                     | Electrical conductivity (field)      |                            | 12-Oct-2023         |                                 | 119                       | µS/cm               |
|                     | Groundwater level/dip                |                            | 12-Oct-2023         |                                 | 4.41                      | m                   |
|                     |                                      |                            | 14-Nov-2023         |                                 | 4.04                      | m                   |

| Monitoring location | Substance / parameter <sup>(6)</sup> | Test method <sup>(2)</sup> | Date <sup>(3)</sup> | Compliance limit <sup>(7)</sup> | Result <sup>(1) (4)</sup> | Unit <sup>(5)</sup> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|---------------------------|---------------------|
| NACW219             | Groundwater level/dip                | Field                      | 07-Dec-2023         |                                 | 4.68                      | m                   |
|                     | Water temperature                    |                            | 12-Oct-2023         |                                 | 17.5                      | °C                  |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 12-Oct-2023         | <5.5 mg/l                       | <0.2                      | mg/l                |
|                     | Cadmium (filtered)                   | TM152                      | 12-Oct-2023         |                                 | <0.00008                  | mg/l                |
|                     | Calcium (filtered)                   |                            | 12-Oct-2023         |                                 | 30.2                      | mg/l                |
|                     | Chromium (filtered)                  |                            | 12-Oct-2023         |                                 | <0.001                    | mg/l                |
|                     | Copper (filtered)                    |                            | 12-Oct-2023         |                                 | 0.00174                   | mg/l                |
|                     | Iron (filtered)                      |                            | 12-Oct-2023         |                                 | 0.878                     | mg/l                |
|                     | Lead (filtered)                      |                            | 12-Oct-2023         |                                 | 0.000202                  | mg/l                |
|                     | Magnesium (filtered)                 |                            | 12-Oct-2023         |                                 | 2.68                      | mg/l                |
|                     | Manganese (filtered)                 |                            | 12-Oct-2023         |                                 | 1.76                      | mg/l                |
|                     | Nickel (filtered)                    |                            | 12-Oct-2023         |                                 | 0.00146                   | mg/l                |
|                     | Potassium (filtered)                 |                            | 12-Oct-2023         |                                 | 1.55                      | mg/l                |
|                     | Sodium (filtered)                    |                            | 12-Oct-2023         |                                 | 5.55                      | mg/l                |
|                     | Zinc (filtered)                      |                            | 12-Oct-2023         |                                 | 0.0105                    | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 12-Oct-2023         |                                 | <0.008                    | mg/l                |
|                     | Diethyl phthalate                    |                            | 12-Oct-2023         |                                 | <0.008                    | mg/l                |
|                     | Chloride                             | TM184                      | 12-Oct-2023         | <150 mg/l                       | 12                        | mg/l                |
|                     | Nitrate as NO3                       |                            | 12-Oct-2023         |                                 | <0.3                      | mg/l                |
|                     | Nitrite as NO2                       |                            | 12-Oct-2023         |                                 | <0.05                     | mg/l                |
|                     | Sulphate                             |                            | 12-Oct-2023         |                                 | 11.6                      | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 12-Oct-2023         |                                 | <0.1                      | mg/l                |
|                     | Dichloromethane                      | TM208                      | 12-Oct-2023         |                                 | <0.003                    | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM256                      | 12-Oct-2023         |                                 | 202                       | µS/cm               |
|                     | Total Alkalinity as CaCO3            |                            | 12-Oct-2023         |                                 | 78.8                      | mg/l                |
|                     | Mecoprop                             | TM411                      | 12-Oct-2023         |                                 | <0.00004                  | mg/l                |
| NACW227             | Base of well/borehole/sump           | Field                      | 12-Oct-2023         |                                 | 4.98                      | m                   |
|                     | Groundwater level/dip                |                            | 12-Oct-2023         |                                 | DRY                       | m                   |
|                     |                                      |                            | 14-Nov-2023         |                                 | DRY                       | m                   |
|                     |                                      |                            | 07-Dec-2023         |                                 | DRY                       | m                   |
| NACW228             | Base of well/borehole/sump           |                            | 12-Oct-2023         |                                 | 7.63                      | m                   |

| Monitoring location | Substance / parameter <sup>(6)</sup> | Test method <sup>(2)</sup> | Date <sup>(3)</sup> | Compliance limit <sup>(7)</sup> | Result <sup>(1)</sup> <sup>(4)</sup> | Unit <sup>(5)</sup> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| NACW228             | Electrical conductivity (field)      | Field                      | 12-Oct-2023         |                                 | 180                                  | µS/cm               |
|                     |                                      |                            | 14-Nov-2023         |                                 | 255                                  | µS/cm               |
|                     |                                      |                            | 07-Dec-2023         |                                 | 182                                  | µS/cm               |
|                     | Groundwater level/dip                |                            | 12-Oct-2023         |                                 | 4                                    | m                   |
|                     |                                      |                            | 14-Nov-2023         |                                 | 3.22                                 | m                   |
|                     |                                      |                            | 07-Dec-2023         |                                 | 3.24                                 | m                   |
|                     | Water temperature                    |                            | 12-Oct-2023         |                                 | 17                                   | °C                  |
|                     |                                      |                            | 14-Nov-2023         |                                 | 11.1                                 | °C                  |
|                     |                                      |                            | 07-Dec-2023         |                                 | 9.7                                  | °C                  |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 12-Oct-2023         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 14-Nov-2023         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 07-Dec-2023         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     | Cadmium (filtered)                   | TM152                      | 12-Oct-2023         | <0.0001 mg/l                    | 0.000212                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 12-Oct-2023         |                                 | 41.2                                 | mg/l                |
|                     | Chromium (filtered)                  |                            | 12-Oct-2023         |                                 | <0.001                               | mg/l                |
|                     | Copper (filtered)                    |                            | 12-Oct-2023         |                                 | 0.00237                              | mg/l                |
|                     | Iron (filtered)                      |                            | 12-Oct-2023         |                                 | <0.019                               | mg/l                |
|                     | Lead (filtered)                      |                            | 12-Oct-2023         |                                 | <0.0002                              | mg/l                |
|                     | Magnesium (filtered)                 |                            | 12-Oct-2023         |                                 | 11.6                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 12-Oct-2023         |                                 | 0.444                                | mg/l                |
|                     | Nickel (filtered)                    |                            | 12-Oct-2023         | <0.02 mg/l                      | 0.00984                              | mg/l                |
|                     | Potassium (filtered)                 |                            | 12-Oct-2023         |                                 | 1.49                                 | mg/l                |
|                     | Sodium (filtered)                    |                            | 12-Oct-2023         |                                 | 17.1                                 | mg/l                |
|                     | Zinc (filtered)                      |                            | 12-Oct-2023         |                                 | 0.0343                               | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 12-Oct-2023         | <0.001 mg/l                     | <0.008                               | mg/l                |
|                     | Diethyl phthalate                    |                            | 12-Oct-2023         | <0.003 mg/l                     | <0.008                               | mg/l                |
|                     | Chloride                             |                            | 12-Oct-2023         | <150 mg/l                       | 90.5                                 | mg/l                |
|                     |                                      |                            | 14-Nov-2023         | <150 mg/l                       | 132                                  | mg/l                |
|                     |                                      |                            | 07-Dec-2023         | <150 mg/l                       | 84.6                                 | mg/l                |
|                     | Nitrate as NO3                       |                            | 12-Oct-2023         |                                 | <0.3                                 | mg/l                |
|                     | Nitrite as NO2                       |                            | 12-Oct-2023         |                                 | <0.05                                | mg/l                |
|                     |                                      |                            |                     |                                 |                                      |                     |

| Monitoring location | Substance / parameter <sup>(6)</sup> | Test method <sup>(2)</sup> | Date <sup>(3)</sup> | Compliance limit <sup>(7)</sup> | Result <sup>(1) (4)</sup> | Unit <sup>(5)</sup> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|---------------------------|---------------------|
| NACW228             | Sulphate                             | TM184                      | 12-Oct-2023         |                                 | 31.9                      | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 12-Oct-2023         |                                 | <0.1                      | mg/l                |
|                     | Dichloromethane                      | TM208                      | 12-Oct-2023         | <0.002 mg/l                     | <0.003                    | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM256                      | 12-Oct-2023         |                                 | 414                       | µS/cm               |
|                     |                                      |                            | 14-Nov-2023         |                                 | 693                       | µS/cm               |
|                     |                                      |                            | 07-Dec-2023         |                                 | 396                       | µS/cm               |
|                     | Total Alkalinity as CaCO3            |                            | 12-Oct-2023         |                                 | 29.4                      | mg/l                |
| NACW229             | Mecoprop                             | TM411                      | 12-Oct-2023         | <0.000055 mg/l                  | <0.00004                  | mg/l                |
|                     | Base of well/borehole/sump           | Field                      | 12-Oct-2023         |                                 | 7.8                       | m                   |
|                     | Electrical conductivity (field)      |                            | 12-Oct-2023         |                                 | 188                       | µS/cm               |
|                     | Groundwater level/dip                |                            | 12-Oct-2023         |                                 | 1.68                      | m                   |
|                     |                                      |                            | 14-Nov-2023         |                                 | 0.89                      | m                   |
|                     |                                      |                            | 07-Dec-2023         |                                 | 0.92                      | m                   |
|                     | Water temperature                    |                            | 12-Oct-2023         |                                 | 14.5                      | °C                  |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 12-Oct-2023         | <5.5 mg/l                       | 2.14                      | mg/l                |
|                     | Cadmium (filtered)                   | TM152                      | 12-Oct-2023         |                                 | <0.00008                  | mg/l                |
|                     | Calcium (filtered)                   |                            | 12-Oct-2023         |                                 | 38.4                      | mg/l                |
|                     | Chromium (filtered)                  |                            | 12-Oct-2023         |                                 | 0.00147                   | mg/l                |
|                     | Copper (filtered)                    |                            | 12-Oct-2023         |                                 | 0.00476                   | mg/l                |
|                     | Iron (filtered)                      |                            | 12-Oct-2023         |                                 | 0.589                     | mg/l                |
|                     | Lead (filtered)                      |                            | 12-Oct-2023         |                                 | 0.000843                  | mg/l                |
|                     | Magnesium (filtered)                 |                            | 12-Oct-2023         |                                 | 5.43                      | mg/l                |
|                     | Manganese (filtered)                 |                            | 12-Oct-2023         |                                 | 0.889                     | mg/l                |
|                     | Nickel (filtered)                    |                            | 12-Oct-2023         |                                 | 0.00494                   | mg/l                |
|                     | Potassium (filtered)                 |                            | 12-Oct-2023         |                                 | 40.3                      | mg/l                |
|                     | Sodium (filtered)                    |                            | 12-Oct-2023         |                                 | 16.1                      | mg/l                |
|                     | Zinc (filtered)                      |                            | 12-Oct-2023         |                                 | 0.0221                    | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 12-Oct-2023         |                                 | <0.004                    | mg/l                |
|                     | Diethyl phthalate                    |                            | 12-Oct-2023         |                                 | <0.004                    | mg/l                |
|                     | Chloride                             | TM184                      | 12-Oct-2023         | <150 mg/l                       | 30.6                      | mg/l                |
|                     | Nitrate as NO3                       |                            | 12-Oct-2023         |                                 | 1.19                      | mg/l                |

| Monitoring location | Substance / parameter <sup>(6)</sup> | Test method <sup>(2)</sup> | Date <sup>(3)</sup> | Compliance limit <sup>(7)</sup> | Result <sup>(1)</sup> <sup>(4)</sup> | Unit <sup>(5)</sup> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| NACW229             | Nitrite as NO2                       | TM184                      | 12-Oct-2023         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 12-Oct-2023         |                                 | 22.9                                 | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 12-Oct-2023         |                                 | 0.268                                | mg/l                |
|                     | Dichloromethane                      | TM208                      | 12-Oct-2023         |                                 | <0.003                               | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM256                      | 12-Oct-2023         |                                 | 426                                  | µS/cm               |
|                     | Total Alkalinity as CaCO3            |                            | 12-Oct-2023         |                                 | 150                                  | mg/l                |
|                     | Mecoprop                             | TM411                      | 12-Oct-2023         |                                 | <0.00004                             | mg/l                |
| NACW230             | Base of well/borehole/sump           | Field                      | 12-Oct-2023         |                                 | 19                                   | m                   |
|                     | Groundwater level/dip                |                            | 12-Oct-2023         |                                 | 0.74                                 | m                   |
|                     |                                      |                            | 14-Nov-2023         |                                 | 0.54                                 | m                   |
|                     |                                      |                            | 07-Dec-2023         |                                 | 0.74                                 | m                   |
| UD1                 | Ammoniacal Nitrogen as N             | TM099                      | 12-Oct-2023         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 14-Nov-2023         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 07-Dec-2023         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     | Cadmium (filtered)                   | TM152                      | 12-Oct-2023         | <0.0001 mg/l                    | <0.00008                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 12-Oct-2023         |                                 | 99.4                                 | mg/l                |
|                     | Chromium (filtered)                  |                            | 12-Oct-2023         |                                 | <0.001                               | mg/l                |
|                     | Copper (filtered)                    |                            | 12-Oct-2023         |                                 | 0.000877                             | mg/l                |
|                     | Iron (filtered)                      |                            | 12-Oct-2023         |                                 | <0.019                               | mg/l                |
|                     | Lead (filtered)                      |                            | 12-Oct-2023         |                                 | <0.0002                              | mg/l                |
|                     | Magnesium (filtered)                 |                            | 12-Oct-2023         |                                 | 11.3                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 12-Oct-2023         |                                 | 0.0311                               | mg/l                |
|                     | Nickel (filtered)                    |                            | 12-Oct-2023         | <0.02 mg/l                      | <0.0004                              | mg/l                |
|                     | Potassium (filtered)                 |                            | 12-Oct-2023         |                                 | 1.64                                 | mg/l                |
|                     | Sodium (filtered)                    |                            | 12-Oct-2023         |                                 | 12.3                                 | mg/l                |
|                     | Zinc (filtered)                      |                            | 12-Oct-2023         |                                 | 0.00486                              | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 12-Oct-2023         | <0.001 mg/l                     | <0.001                               | mg/l                |
|                     | Diethyl phthalate                    |                            | 12-Oct-2023         | <0.003 mg/l                     | <0.001                               | mg/l                |
|                     | Chloride                             | TM184                      | 12-Oct-2023         | <150 mg/l                       | 50.6                                 | mg/l                |
|                     |                                      |                            | 14-Nov-2023         | <150 mg/l                       | 53.6                                 | mg/l                |
|                     |                                      |                            | 07-Dec-2023         | <150 mg/l                       | 53.3                                 | mg/l                |

| Monitoring location | Substance / parameter <sup>(6)</sup> | Test method <sup>(2)</sup> | Date <sup>(3)</sup> | Compliance limit <sup>(7)</sup> | Result <sup>(1) (4)</sup> | Unit <sup>(5)</sup> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|---------------------------|---------------------|
| UD1                 | Nitrate as NO3                       | TM184                      | 12-Oct-2023         |                                 | 9.04                      | mg/l                |
|                     | Nitrite as NO2                       |                            | 12-Oct-2023         |                                 | <0.05                     | mg/l                |
|                     | Sulphate                             |                            | 12-Oct-2023         |                                 | 14.1                      | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 12-Oct-2023         |                                 | 2.04                      | mg/l                |
|                     | Dichloromethane                      | TM208                      | 12-Oct-2023         | <0.002 mg/l                     | <0.003                    | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM256                      | 12-Oct-2023         |                                 | 610                       | µS/cm               |
|                     |                                      |                            | 14-Nov-2023         |                                 | 601                       | µS/cm               |
|                     |                                      |                            | 07-Dec-2023         |                                 | 605                       | µS/cm               |
|                     | Total Alkalinity as CaCO3            |                            | 12-Oct-2023         |                                 | 255                       | mg/l                |
|                     | Mecoprop                             | TM411                      | 12-Oct-2023         | <0.000055 mg/l                  | <0.00004                  | mg/l                |
| UD3                 | Ammoniacal Nitrogen as N             | TM099                      | 12-Oct-2023         | <5.5 mg/l                       | 0.287                     | mg/l                |
|                     |                                      |                            | 14-Nov-2023         | <5.5 mg/l                       | <0.2                      | mg/l                |
|                     |                                      |                            | 07-Dec-2023         | <5.5 mg/l                       | <0.2                      | mg/l                |
|                     | Cadmium (filtered)                   | TM152                      | 12-Oct-2023         | <0.0001 mg/l                    | <0.00008                  | mg/l                |
|                     | Calcium (filtered)                   |                            | 12-Oct-2023         |                                 | 82.8                      | mg/l                |
|                     | Chromium (filtered)                  |                            | 12-Oct-2023         |                                 | <0.001                    | mg/l                |
|                     | Copper (filtered)                    |                            | 12-Oct-2023         |                                 | 0.00188                   | mg/l                |
|                     | Iron (filtered)                      |                            | 12-Oct-2023         |                                 | <0.019                    | mg/l                |
|                     | Lead (filtered)                      |                            | 12-Oct-2023         |                                 | 0.000278                  | mg/l                |
|                     | Magnesium (filtered)                 |                            | 12-Oct-2023         |                                 | 8.96                      | mg/l                |
|                     | Manganese (filtered)                 |                            | 12-Oct-2023         |                                 | 0.017                     | mg/l                |
|                     | Nickel (filtered)                    |                            | 12-Oct-2023         | <0.02 mg/l                      | 0.000775                  | mg/l                |
|                     | Potassium (filtered)                 |                            | 12-Oct-2023         |                                 | 3.99                      | mg/l                |
|                     | Sodium (filtered)                    |                            | 12-Oct-2023         |                                 | 12.3                      | mg/l                |
|                     | Zinc (filtered)                      |                            | 12-Oct-2023         |                                 | 0.00705                   | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 12-Oct-2023         | <0.001 mg/l                     | <0.001                    | mg/l                |
|                     | Diethyl phthalate                    |                            | 12-Oct-2023         | <0.003 mg/l                     | <0.001                    | mg/l                |
|                     | Chloride                             | TM184                      | 12-Oct-2023         | <150 mg/l                       | 28.6                      | mg/l                |
|                     |                                      |                            | 14-Nov-2023         | <150 mg/l                       | 17.4                      | mg/l                |
|                     |                                      |                            | 07-Dec-2023         | <150 mg/l                       | 17.7                      | mg/l                |
|                     | Nitrate as NO3                       |                            | 12-Oct-2023         |                                 | 6.9                       | mg/l                |

| Monitoring location  | Substance / parameter <sup>(6)</sup> | Test method <sup>(2)</sup> | Date <sup>(3)</sup> | Compliance limit <sup>(7)</sup> | Result <sup>(1)</sup> <sup>(4)</sup> | Unit <sup>(5)</sup> |
|----------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| UD3                  | Nitrite as NO2                       | TM184                      | 12-Oct-2023         |                                 | <0.05                                | mg/l                |
|                      | Sulphate                             |                            | 12-Oct-2023         |                                 | 12.9                                 | mg/l                |
|                      | Total Oxidised Nitrogen as N         |                            | 12-Oct-2023         |                                 | 1.56                                 | mg/l                |
|                      | Dichloromethane                      | TM208                      | 12-Oct-2023         | <0.002 mg/l                     | <0.003                               | mg/l                |
|                      | Electrical conductivity @20°C (lab)  | TM256                      | 12-Oct-2023         |                                 | 484                                  | µS/cm               |
|                      |                                      |                            | 14-Nov-2023         |                                 | 405                                  | µS/cm               |
|                      |                                      |                            | 07-Dec-2023         |                                 | 405                                  | µS/cm               |
|                      | Total Alkalinity as CaCO3            |                            | 12-Oct-2023         |                                 | 215                                  | mg/l                |
|                      | Mecoprop                             | TM411                      | 12-Oct-2023         | <0.000055 mg/l                  | <0.00004                             | mg/l                |
|                      | UD4                                  | Ammoniacal Nitrogen as N   | TM099               | 12-Oct-2023                     | <5.5 mg/l                            | 0.432               |
|                      |                                      |                            | 14-Nov-2023         | <5.5 mg/l                       | 0.556                                | mg/l                |
|                      |                                      |                            | 07-Dec-2023         | <5.5 mg/l                       | 0.38                                 | mg/l                |
| Cadmium (filtered)   |                                      | TM152                      | 12-Oct-2023         | <0.0001 mg/l                    | <0.00008                             | mg/l                |
| Calcium (filtered)   |                                      |                            | 12-Oct-2023         |                                 | 81.9                                 | mg/l                |
| Chromium (filtered)  |                                      |                            | 12-Oct-2023         |                                 | <0.001                               | mg/l                |
| Copper (filtered)    |                                      |                            | 12-Oct-2023         |                                 | 0.00202                              | mg/l                |
| Iron (filtered)      |                                      |                            | 12-Oct-2023         |                                 | 0.425                                | mg/l                |
| Lead (filtered)      |                                      |                            | 12-Oct-2023         |                                 | <0.0002                              | mg/l                |
| Magnesium (filtered) |                                      |                            | 12-Oct-2023         |                                 | 7.65                                 | mg/l                |
| Manganese (filtered) |                                      |                            | 12-Oct-2023         |                                 | 0.117                                | mg/l                |
| Nickel (filtered)    |                                      |                            | 12-Oct-2023         | <0.02 mg/l                      | 0.000689                             | mg/l                |
| Potassium (filtered) |                                      |                            | 12-Oct-2023         |                                 | 5.84                                 | mg/l                |
| Sodium (filtered)    |                                      |                            | 12-Oct-2023         |                                 | 11.3                                 | mg/l                |
| Zinc (filtered)      |                                      |                            | 12-Oct-2023         |                                 | 0.0114                               | mg/l                |
| 4-Methylphenol       |                                      | TM176                      | 12-Oct-2023         | <0.001 mg/l                     | <0.002                               | mg/l                |
| Diethyl phthalate    |                                      |                            | 12-Oct-2023         | <0.003 mg/l                     | <0.002                               | mg/l                |
| Chloride             |                                      | TM184                      | 12-Oct-2023         | <150 mg/l                       | 25.9                                 | mg/l                |
|                      |                                      |                            | 14-Nov-2023         | <150 mg/l                       | 16.1                                 | mg/l                |
|                      |                                      |                            | 07-Dec-2023         | <150 mg/l                       | 14.6                                 | mg/l                |
| Nitrate as NO3       |                                      |                            | 12-Oct-2023         |                                 | 5.94                                 | mg/l                |
| Nitrite as NO2       |                                      |                            | 12-Oct-2023         |                                 | <0.05                                | mg/l                |

| Monitoring location | Substance / parameter <sup>(6)</sup> | Test method <sup>(2)</sup> | Date <sup>(3)</sup> | Compliance limit <sup>(7)</sup> | Result <sup>(1)</sup> <sup>(4)</sup> | Unit <sup>(5)</sup> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| UD4                 | Sulphate                             | TM184                      | 12-Oct-2023         |                                 | 16.1                                 | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 12-Oct-2023         |                                 | 1.34                                 | mg/l                |
|                     | Dichloromethane                      | TM208                      | 12-Oct-2023         | <0.002 mg/l                     | <0.003                               | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM256                      | 12-Oct-2023         |                                 | 522                                  | µS/cm               |
|                     |                                      |                            | 14-Nov-2023         |                                 | 521                                  | µS/cm               |
|                     |                                      |                            | 07-Dec-2023         |                                 | 478                                  | µS/cm               |
|                     | Total Alkalinity as CaCO3            |                            | 12-Oct-2023         |                                 | 237                                  | mg/l                |
| UD5                 | Mecoprop                             | TM411                      | 12-Oct-2023         | <0.000055 mg/l                  | <0.00004                             | mg/l                |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 12-Oct-2023         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 14-Nov-2023         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 07-Dec-2023         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     | Cadmium (filtered)                   | TM152                      | 12-Oct-2023         | <0.0001 mg/l                    | <0.00008                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 12-Oct-2023         |                                 | 84.8                                 | mg/l                |
|                     | Chromium (filtered)                  |                            | 12-Oct-2023         |                                 | <0.001                               | mg/l                |
|                     | Copper (filtered)                    |                            | 12-Oct-2023         |                                 | 0.00213                              | mg/l                |
|                     | Iron (filtered)                      |                            | 12-Oct-2023         |                                 | <0.019                               | mg/l                |
|                     | Lead (filtered)                      |                            | 12-Oct-2023         |                                 | <0.0002                              | mg/l                |
|                     | Magnesium (filtered)                 |                            | 12-Oct-2023         |                                 | 9.67                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 12-Oct-2023         |                                 | 0.0285                               | mg/l                |
|                     | Nickel (filtered)                    |                            | 12-Oct-2023         | <0.02 mg/l                      | 0.000735                             | mg/l                |
|                     | Potassium (filtered)                 |                            | 12-Oct-2023         |                                 | 1.53                                 | mg/l                |
|                     | Sodium (filtered)                    |                            | 12-Oct-2023         |                                 | 10.6                                 | mg/l                |
|                     | Zinc (filtered)                      |                            | 12-Oct-2023         |                                 | 0.0075                               | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 12-Oct-2023         | <0.001 mg/l                     | <0.001                               | mg/l                |
|                     | Diethyl phthalate                    |                            | 12-Oct-2023         | <0.003 mg/l                     | <0.001                               | mg/l                |
|                     | Chloride                             | TM184                      | 12-Oct-2023         | <150 mg/l                       | 43.9                                 | mg/l                |
|                     |                                      |                            | 14-Nov-2023         | <150 mg/l                       | 15.6                                 | mg/l                |
|                     |                                      |                            | 07-Dec-2023         | <150 mg/l                       | 17.5                                 | mg/l                |
|                     | Nitrate as NO3                       |                            | 12-Oct-2023         |                                 | 8.07                                 | mg/l                |
|                     | Nitrite as NO2                       |                            | 12-Oct-2023         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 12-Oct-2023         |                                 | 14                                   | mg/l                |

| Monitoring location | Substance / parameter <sup>(6)</sup>  | Test method <sup>(2)</sup> | Date <sup>(3)</sup> | Compliance limit <sup>(7)</sup> | Result <sup>(1) (4)</sup> | Unit <sup>(5)</sup> |
|---------------------|---------------------------------------|----------------------------|---------------------|---------------------------------|---------------------------|---------------------|
| UD5                 | Total Oxidised Nitrogen as N          | TM184                      | 12-Oct-2023         |                                 | 1.82                      | mg/l                |
|                     | Dichloromethane                       | TM208                      | 12-Oct-2023         | <0.002 mg/l                     | <0.003                    | mg/l                |
|                     | Electrical conductivity @20°C (lab)   | TM256                      | 12-Oct-2023         |                                 | 532                       | µS/cm               |
|                     |                                       |                            | 14-Nov-2023         |                                 | 372                       | µS/cm               |
|                     |                                       |                            | 07-Dec-2023         |                                 | 500                       | µS/cm               |
|                     | Total Alkalinity as CaCO <sub>3</sub> |                            | 12-Oct-2023         |                                 | 220                       | mg/l                |
|                     | Mecoprop                              | TM411                      | 12-Oct-2023         | <0.000055 mg/l                  | <0.00004                  | mg/l                |

(1) The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.

(2) Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. gas chromatography.

(3) For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

(4) The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated; refer to laboratory data sheets for specific uncertainty.

(5) Depths reported as metres (m) are metres below ground level.

If the base and water level are equal (i.e. depth to base of well depth to water level = the same), the location is classed as dry and no sample could be taken.

(6) For details of the sampling method, frequency and parameters measured / analysed for, refer to the site Environmental Monitoring Management Plan (EMMP).

(7) Where blank, there is no defined compliance limit specified for the monitoring location / parameter.

(8) Monitoring location UD2 has been consistently dry for the quarter and no water quality analysis is available for this location.

(9) Base of well/borehole/sump (m) could not be confirmed in October 2023 for BH3/3 due to a blockage in the well.

(10) ART denotes artesian conditions.

Signature:.....

Date: 09 January 2024

(Authorised to sign as representative of  
Operator)