

Operator: CWM Environmental Ltd  
Permit: CP3735PB

Installation: Nantycaws Landfill Site  
Form: Groundwaters Q4 2020

## Reporting of groundwater monitoring for the period 01-Oct-2020 to 31-Dec-2020

| 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> |
|---------------------|---------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| BH208               | Base of well/borehole/sump            | Field                      | 07-Oct-2020         |                                 | 9.27                                 | m                   |
|                     |                                       |                            | 09-Nov-2020         |                                 | 9.26                                 | m                   |
|                     |                                       |                            | 14-Dec-2020         |                                 | 9.26                                 | m                   |
|                     | Groundwater level/dip                 |                            | 07-Oct-2020         |                                 | 0.15                                 | m                   |
|                     |                                       |                            | 09-Nov-2020         |                                 | 0.34                                 | m                   |
|                     |                                       |                            | 14-Dec-2020         |                                 | 0.26                                 | m                   |
|                     | Total Alkalinity as CaCO <sub>3</sub> | TM043                      | 07-Oct-2020         |                                 | 125                                  | mg/l                |
|                     | Ammoniacal Nitrogen as N              | TM099                      | 07-Oct-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                       |                            | 10-Nov-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                       |                            | 09-Dec-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     | Electrical conductivity @20°C (lab)   | TM120                      | 10-Nov-2020         |                                 | 429                                  | µS/cm               |
|                     |                                       |                            | 09-Dec-2020         |                                 | 451                                  | µS/cm               |
|                     | Cadmium (filtered)                    | TM152                      | 07-Oct-2020         | <0.0001 mg/l                    | <0.0008                              | mg/l                |
|                     | Calcium (filtered)                    |                            | 07-Oct-2020         |                                 | 39.1                                 | mg/l                |
|                     | Chromium (filtered)                   |                            | 07-Oct-2020         |                                 | <0.01                                | mg/l                |
|                     | Copper (filtered)                     |                            | 07-Oct-2020         |                                 | <0.003                               | mg/l                |
|                     | Iron (filtered)                       |                            | 07-Oct-2020         |                                 | <0.19                                | mg/l                |
|                     | Lead (filtered)                       |                            | 07-Oct-2020         |                                 | <0.002                               | mg/l                |
|                     | Magnesium (filtered)                  |                            | 07-Oct-2020         |                                 | 7.79                                 | mg/l                |
|                     | Manganese (filtered)                  |                            | 07-Oct-2020         |                                 | <0.03                                | mg/l                |
|                     | Nickel (filtered)                     |                            | 07-Oct-2020         | <0.02 mg/l                      | <0.004                               | mg/l                |

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|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| BH208               | Potassium (filtered)                 | TM152                      | 07-Oct-2020         |                                 | <2                                   | mg/l                |
|                     | Sodium (filtered)                    |                            | 07-Oct-2020         |                                 | 10.1                                 | mg/l                |
|                     | Zinc (filtered)                      |                            | 07-Oct-2020         |                                 | <0.01                                | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 07-Oct-2020         | <0.001 mg/l                     | <0.001                               | mg/l                |
|                     | Diethyl phthalate                    |                            | 07-Oct-2020         | <0.003 mg/l                     | <0.001                               | mg/l                |
|                     | Chloride                             | TM184                      | 07-Oct-2020         | <150 mg/l                       | 15.1                                 | mg/l                |
|                     |                                      |                            | 10-Nov-2020         | <150 mg/l                       | 16.4                                 | mg/l                |
|                     |                                      |                            | 09-Dec-2020         | <150 mg/l                       | 17.2                                 | mg/l                |
|                     | Nitrate as NO3                       |                            | 07-Oct-2020         |                                 | 6.64                                 | mg/l                |
|                     | Nitrite as NO2                       |                            | 07-Oct-2020         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 07-Oct-2020         |                                 | 7.7                                  | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 07-Oct-2020         |                                 | 1.5                                  | mg/l                |
|                     | Dichloromethane                      | TM208                      | 07-Oct-2020         | <0.002 mg/l                     | <0.003                               | mg/l                |
|                     | Mecoprop                             | TM411                      | 07-Oct-2020         | <0.000055 mg/l                  | <0.00008                             | mg/l                |
| BH3/2               | Base of well/borehole/sump           | Field                      | 07-Oct-2020         |                                 | 9.87                                 | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 9.75                                 | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 9.75                                 | m                   |
|                     | Electrical conductivity (field)      |                            | 07-Oct-2020         |                                 | 12.6                                 | µS/cm               |
|                     | Groundwater level/dip                |                            | 07-Oct-2020         |                                 | 1.71                                 | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 2.13                                 | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 0.62                                 | m                   |
|                     | Water temperature                    |                            | 07-Oct-2020         |                                 | 9.4                                  | °C                  |
|                     | Total Alkalinity as CaCO3            | TM043                      | 07-Oct-2020         |                                 | 135                                  | mg/l                |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 07-Oct-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     | Cadmium (filtered)                   | TM152                      | 07-Oct-2020         |                                 | <0.00008                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 07-Oct-2020         |                                 | 49.4                                 | mg/l                |
|                     | Chromium (filtered)                  |                            | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Copper (filtered)                    |                            | 07-Oct-2020         |                                 | 0.00134                              | mg/l                |

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|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| BH3/2               | Iron (filtered)                      | TM152                      | 07-Oct-2020         |                                 | 0.0913                               | mg/l                |
|                     | Lead (filtered)                      |                            | 07-Oct-2020         |                                 | 0.000269                             | mg/l                |
|                     | Magnesium (filtered)                 |                            | 07-Oct-2020         |                                 | 4.71                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 07-Oct-2020         |                                 | 0.212                                | mg/l                |
|                     | Nickel (filtered)                    |                            | 07-Oct-2020         |                                 | 0.000592                             | mg/l                |
|                     | Potassium (filtered)                 |                            | 07-Oct-2020         |                                 | 0.765                                | mg/l                |
|                     | Sodium (filtered)                    |                            | 07-Oct-2020         |                                 | 9.21                                 | mg/l                |
|                     | Zinc (filtered)                      |                            | 07-Oct-2020         |                                 | 0.00244                              | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Diethyl phthalate                    |                            | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Chloride                             | TM184                      | 07-Oct-2020         | <150 mg/l                       | 11.9                                 | mg/l                |
|                     | Nitrate as NO3                       |                            | 07-Oct-2020         |                                 | 2.48                                 | mg/l                |
|                     | Nitrite as NO2                       |                            | 07-Oct-2020         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 07-Oct-2020         |                                 | 4.4                                  | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 07-Oct-2020         |                                 | 0.564                                | mg/l                |
|                     | Dichloromethane                      | TM208                      | 07-Oct-2020         |                                 | <0.003                               | mg/l                |
|                     | Mecoprop                             | TM411                      | 07-Oct-2020         |                                 | <0.00008                             | mg/l                |
| BH3/3               | Base of well/borehole/sump           | Field                      | 07-Oct-2020         |                                 | 11.71                                | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 11.71                                | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 11.71                                | m                   |
|                     | Electrical conductivity (field)      |                            | 07-Oct-2020         |                                 | 120                                  | µS/cm               |
|                     | Groundwater level/dip                |                            | 07-Oct-2020         |                                 | ART                                  | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | ART                                  | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | ART                                  | m                   |
|                     | Water temperature                    |                            | 07-Oct-2020         |                                 | 9.1                                  | °C                  |
|                     | Total Alkalinity as CaCO3            | TM043                      | 07-Oct-2020         |                                 | 84.1                                 | mg/l                |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 07-Oct-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM120                      | 07-Oct-2020         |                                 | 276                                  | µS/cm               |

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|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| BH3/3               | Cadmium (filtered)                   | TM152                      | 07-Oct-2020         |                                 | <0.00008                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 07-Oct-2020         |                                 | 46.9                                 | mg/l                |
|                     | Chromium (filtered)                  |                            | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Copper (filtered)                    |                            | 07-Oct-2020         |                                 | 0.00162                              | mg/l                |
|                     | Iron (filtered)                      |                            | 07-Oct-2020         |                                 | 0.0748                               | mg/l                |
|                     | Lead (filtered)                      |                            | 07-Oct-2020         |                                 | 0.000218                             | mg/l                |
|                     | Magnesium (filtered)                 |                            | 07-Oct-2020         |                                 | 5.28                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 07-Oct-2020         |                                 | 0.00777                              | mg/l                |
|                     | Nickel (filtered)                    |                            | 07-Oct-2020         |                                 | <0.0004                              | mg/l                |
|                     | Potassium (filtered)                 |                            | 07-Oct-2020         |                                 | 1.15                                 | mg/l                |
|                     | Sodium (filtered)                    |                            | 07-Oct-2020         |                                 | 10.3                                 | mg/l                |
|                     | Zinc (filtered)                      |                            | 07-Oct-2020         |                                 | 0.00663                              | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Diethyl phthalate                    |                            | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Chloride                             | TM184                      | 07-Oct-2020         | <150 mg/l                       | 10                                   | mg/l                |
|                     | Nitrate as NO3                       |                            | 07-Oct-2020         |                                 | 9.31                                 | mg/l                |
|                     | Nitrite as NO2                       |                            | 07-Oct-2020         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 07-Oct-2020         |                                 | 9                                    | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 07-Oct-2020         |                                 | 2.01                                 | mg/l                |
| BH3/4               | Dichloromethane                      | TM208                      | 07-Oct-2020         |                                 | <0.003                               | mg/l                |
|                     | Mecoprop                             | TM411                      | 07-Oct-2020         |                                 | 4.1e-05                              | mg/l                |
|                     | Base of well/borehole/sump           | Field                      | 07-Oct-2020         |                                 | 10.27                                | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 10.25                                | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 10.25                                | m                   |
|                     | Electrical conductivity (field)      |                            | 07-Oct-2020         |                                 | 120                                  | µS/cm               |
|                     |                                      |                            | 09-Nov-2020         |                                 | 123                                  | µS/cm               |
|                     |                                      |                            | 14-Dec-2020         |                                 | 131                                  | µS/cm               |
|                     | Groundwater level/dip                |                            | 07-Oct-2020         |                                 | 1.36                                 | m                   |

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|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| BH3/4               | Groundwater level/dip                | Field                      | 09-Nov-2020         |                                 | 1.24                                 | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 0.96                                 | m                   |
|                     | Water temperature                    |                            | 07-Oct-2020         |                                 | 14.2                                 | °C                  |
|                     |                                      |                            | 09-Nov-2020         |                                 | 16.6                                 | °C                  |
|                     |                                      |                            | 14-Dec-2020         |                                 | 11.7                                 | °C                  |
|                     | Total Alkalinity as CaCO3            | TM043                      | 07-Oct-2020         |                                 | 125                                  | mg/l                |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 07-Oct-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 10-Nov-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 09-Dec-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM120                      | 07-Oct-2020         |                                 | 254                                  | µS/cm               |
|                     |                                      |                            | 10-Nov-2020         |                                 | 250                                  | µS/cm               |
|                     |                                      |                            | 09-Dec-2020         |                                 | 265                                  | µS/cm               |
|                     | Cadmium (filtered)                   | TM152                      | 07-Oct-2020         | <0.0001 mg/l                    | <0.00008                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 07-Oct-2020         |                                 | 45.6                                 | mg/l                |
|                     | Chromium (filtered)                  |                            | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Copper (filtered)                    |                            | 07-Oct-2020         |                                 | <0.0003                              | mg/l                |
|                     | Iron (filtered)                      |                            | 07-Oct-2020         |                                 | 0.036                                | mg/l                |
|                     | Lead (filtered)                      |                            | 07-Oct-2020         |                                 | <0.0002                              | mg/l                |
|                     | Magnesium (filtered)                 |                            | 07-Oct-2020         |                                 | 4                                    | mg/l                |
|                     | Manganese (filtered)                 |                            | 07-Oct-2020         |                                 | 0.0234                               | mg/l                |
|                     | Nickel (filtered)                    |                            | 07-Oct-2020         | <0.02 mg/l                      | <0.0004                              | mg/l                |
|                     | Potassium (filtered)                 |                            | 07-Oct-2020         |                                 | 0.638                                | mg/l                |
|                     | Sodium (filtered)                    |                            | 07-Oct-2020         |                                 | 6.16                                 | mg/l                |
|                     | Zinc (filtered)                      |                            | 07-Oct-2020         |                                 | 0.00365                              | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 07-Oct-2020         | <0.001 mg/l                     | <0.001                               | mg/l                |
|                     | Diethyl phthalate                    |                            | 07-Oct-2020         | <0.003 mg/l                     | <0.001                               | mg/l                |
|                     | Chloride                             | TM184                      | 07-Oct-2020         | <150 mg/l                       | 8.8                                  | mg/l                |
|                     |                                      |                            | 10-Nov-2020         | <150 mg/l                       | 9.3                                  | mg/l                |

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|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| BH3/4               | Chloride                             | TM184                      | 09-Dec-2020         | <150 mg/l                       | 9.6                                  | mg/l                |
|                     | Nitrate as NO3                       |                            | 07-Oct-2020         |                                 | 4.74                                 | mg/l                |
|                     | Nitrite as NO2                       |                            | 07-Oct-2020         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 07-Oct-2020         |                                 | 4.8                                  | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 07-Oct-2020         |                                 | 1.08                                 | mg/l                |
|                     | Dichloromethane                      | TM208                      | 07-Oct-2020         | <0.002 mg/l                     | <0.003                               | mg/l                |
|                     | Mecoprop                             | TM411                      | 07-Oct-2020         | <0.000055 mg/l                  | <0.00004                             | mg/l                |
| BH3/5               | Base of well/borehole/sump           | Field                      | 07-Oct-2020         |                                 | 6.44                                 | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 6.47                                 | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 6.47                                 | m                   |
|                     |                                      |                            | 07-Oct-2020         |                                 | 245                                  | µS/cm               |
|                     | Groundwater level/dip                |                            | 07-Oct-2020         |                                 | 3.06                                 | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 2.39                                 | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 2.35                                 | m                   |
|                     | Water temperature                    |                            | 07-Oct-2020         |                                 | 14.7                                 | °C                  |
|                     | Total Alkalinity as CaCO3            | TM043                      | 07-Oct-2020         |                                 | 277                                  | mg/l                |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 07-Oct-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM120                      | 07-Oct-2020         |                                 | 557                                  | µS/cm               |
|                     | Cadmium (filtered)                   | TM152                      | 07-Oct-2020         |                                 | <0.00008                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 07-Oct-2020         |                                 | 114                                  | mg/l                |
|                     | Chromium (filtered)                  |                            | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Copper (filtered)                    |                            | 07-Oct-2020         |                                 | 0.00675                              | mg/l                |
|                     | Iron (filtered)                      |                            | 07-Oct-2020         |                                 | 0.0397                               | mg/l                |
|                     | Lead (filtered)                      |                            | 07-Oct-2020         |                                 | <0.0002                              | mg/l                |
|                     | Magnesium (filtered)                 |                            | 07-Oct-2020         |                                 | 4.03                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 07-Oct-2020         |                                 | 0.00423                              | mg/l                |
|                     | Nickel (filtered)                    |                            | 07-Oct-2020         |                                 | 0.00186                              | mg/l                |
|                     | Potassium (filtered)                 |                            | 07-Oct-2020         |                                 | 9.07                                 | mg/l                |

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|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| BH3/5               | Sodium (filtered)                    | TM152                      | 07-Oct-2020         |                                 | 10.3                                 | mg/l                |
|                     | Zinc (filtered)                      |                            | 07-Oct-2020         |                                 | 0.00969                              | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Diethyl phthalate                    |                            | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Chloride                             | TM184                      | 07-Oct-2020         | <150 mg/l                       | 15.7                                 | mg/l                |
|                     | Nitrate as NO3                       |                            | 07-Oct-2020         |                                 | 1.27                                 | mg/l                |
|                     | Nitrite as NO2                       |                            | 07-Oct-2020         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 07-Oct-2020         |                                 | 35                                   | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 07-Oct-2020         |                                 | 0.29                                 | mg/l                |
|                     | Dichloromethane                      | TM208                      | 07-Oct-2020         |                                 | <0.003                               | mg/l                |
|                     | Mecoprop                             | TM411                      | 07-Oct-2020         |                                 | <0.00004                             | mg/l                |
| BH3/6               | Base of well/borehole/sump           | Field                      | 07-Oct-2020         |                                 | 10.1                                 | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 10.1                                 | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 10.1                                 | m                   |
|                     | Electrical conductivity (field)      |                            | 07-Oct-2020         |                                 | 101                                  | µS/cm               |
|                     | Groundwater level/dip                |                            | 07-Oct-2020         |                                 | 2.88                                 | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 3.45                                 | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 1.51                                 | m                   |
|                     | Water temperature                    |                            | 07-Oct-2020         |                                 | 9.8                                  | °C                  |
|                     | Total Alkalinity as CaCO3            | TM043                      | 07-Oct-2020         |                                 | 79                                   | mg/l                |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 07-Oct-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM120                      | 07-Oct-2020         |                                 | 180                                  | µS/cm               |
|                     | Cadmium (filtered)                   | TM152                      | 07-Oct-2020         |                                 | <0.00008                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 07-Oct-2020         |                                 | 28.2                                 | mg/l                |
|                     | Chromium (filtered)                  |                            | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Copper (filtered)                    |                            | 07-Oct-2020         |                                 | 0.00162                              | mg/l                |
|                     | Iron (filtered)                      |                            | 07-Oct-2020         |                                 | 0.0805                               | 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> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| BH3/6               | Lead (filtered)                      | TM152                      | 07-Oct-2020         |                                 | 0.000639                             | mg/l                |
|                     | Magnesium (filtered)                 |                            | 07-Oct-2020         |                                 | 4.62                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 07-Oct-2020         |                                 | 0.0452                               | mg/l                |
|                     | Nickel (filtered)                    |                            | 07-Oct-2020         |                                 | 0.000587                             | mg/l                |
|                     | Potassium (filtered)                 |                            | 07-Oct-2020         |                                 | 0.485                                | mg/l                |
|                     | Sodium (filtered)                    |                            | 07-Oct-2020         |                                 | 6.84                                 | mg/l                |
|                     | Zinc (filtered)                      |                            | 07-Oct-2020         |                                 | 0.00479                              | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Diethyl phthalate                    |                            | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Chloride                             | TM184                      | 07-Oct-2020         | <150 mg/l                       | 10.8                                 | mg/l                |
|                     | Nitrate as NO3                       |                            | 07-Oct-2020         |                                 | 5.42                                 | mg/l                |
|                     | Nitrite as NO2                       |                            | 07-Oct-2020         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 07-Oct-2020         |                                 | 6.2                                  | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 07-Oct-2020         |                                 | 1.23                                 | mg/l                |
|                     | Dichloromethane                      | TM208                      | 07-Oct-2020         |                                 | <0.003                               | mg/l                |
|                     | Mecoprop                             | TM411                      | 07-Oct-2020         |                                 | <0.00004                             | mg/l                |
| BH3/8               | Base of well/borehole/sump           | Field                      | 07-Oct-2020         |                                 | 10.58                                | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 10.54                                | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 10.54                                | m                   |
|                     | Electrical conductivity (field)      |                            | 07-Oct-2020         |                                 | 345                                  | µS/cm               |
|                     | Groundwater level/dip                |                            | 07-Oct-2020         |                                 | 0.74                                 | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 0.93                                 | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 0.65                                 | m                   |
|                     | Water temperature                    |                            | 07-Oct-2020         |                                 | 11.8                                 | °C                  |
|                     | Total Alkalinity as CaCO3            | TM043                      | 07-Oct-2020         |                                 | 38.9                                 | mg/l                |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 07-Oct-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM120                      | 07-Oct-2020         |                                 | 796                                  | 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)</sup> <sup>(4)</sup> | Unit <sup>(5)</sup> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| BH3/8               | Cadmium (filtered)                   | TM152                      | 07-Oct-2020         |                                 | 0.000119                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 07-Oct-2020         |                                 | 121                                  | mg/l                |
|                     | Chromium (filtered)                  |                            | 07-Oct-2020         |                                 | 0.00103                              | mg/l                |
|                     | Copper (filtered)                    |                            | 07-Oct-2020         |                                 | 0.00407                              | mg/l                |
|                     | Iron (filtered)                      |                            | 07-Oct-2020         |                                 | 0.299                                | mg/l                |
|                     | Lead (filtered)                      |                            | 07-Oct-2020         |                                 | 0.000324                             | mg/l                |
|                     | Magnesium (filtered)                 |                            | 07-Oct-2020         |                                 | 11.4                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 07-Oct-2020         |                                 | 0.154                                | mg/l                |
|                     | Nickel (filtered)                    |                            | 07-Oct-2020         |                                 | 0.00301                              | mg/l                |
|                     | Potassium (filtered)                 |                            | 07-Oct-2020         |                                 | 13.6                                 | mg/l                |
|                     | Sodium (filtered)                    |                            | 07-Oct-2020         |                                 | 42.8                                 | mg/l                |
|                     | Zinc (filtered)                      |                            | 07-Oct-2020         |                                 | 0.00497                              | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Diethyl phthalate                    |                            | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Chloride                             | TM184                      | 07-Oct-2020         | <150 mg/l                       | 44.1                                 | mg/l                |
|                     | Nitrate as NO3                       |                            | 07-Oct-2020         |                                 | 13.4                                 | mg/l                |
|                     | Nitrite as NO2                       |                            | 07-Oct-2020         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 07-Oct-2020         |                                 | 324                                  | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 07-Oct-2020         |                                 | 3.03                                 | mg/l                |
| BH3/9               | Dichloromethane                      | TM208                      | 07-Oct-2020         |                                 | <0.003                               | mg/l                |
|                     | Mecoprop                             | TM411                      | 07-Oct-2020         |                                 | <0.00004                             | mg/l                |
|                     | Base of well/borehole/sump           | Field                      | 07-Oct-2020         |                                 | 10.51                                | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 10.46                                | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 10.46                                | m                   |
|                     | Electrical conductivity (field)      |                            | 07-Oct-2020         |                                 | 104                                  | µS/cm               |
|                     | Groundwater level/dip                |                            | 07-Oct-2020         |                                 | 3.56                                 | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 2.13                                 | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 1.83                                 | 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> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| BH3/9               | Water temperature                    | Field                      | 07-Oct-2020         |                                 | 9.4                                  | °C                  |
|                     | Total Alkalinity as CaCO3            | TM043                      | 07-Oct-2020         |                                 | 83.5                                 | mg/l                |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 07-Oct-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM120                      | 07-Oct-2020         |                                 | 194                                  | µS/cm               |
|                     | Cadmium (filtered)                   | TM152                      | 07-Oct-2020         |                                 | <0.00008                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 07-Oct-2020         |                                 | 33.9                                 | mg/l                |
|                     | Chromium (filtered)                  |                            | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Copper (filtered)                    |                            | 07-Oct-2020         |                                 | 0.00253                              | mg/l                |
|                     | Iron (filtered)                      |                            | 07-Oct-2020         |                                 | 0.109                                | mg/l                |
|                     | Lead (filtered)                      |                            | 07-Oct-2020         |                                 | 0.00116                              | mg/l                |
|                     | Magnesium (filtered)                 |                            | 07-Oct-2020         |                                 | 1.91                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 07-Oct-2020         |                                 | 0.0374                               | mg/l                |
|                     | Nickel (filtered)                    |                            | 07-Oct-2020         |                                 | 0.00097                              | mg/l                |
|                     | Potassium (filtered)                 |                            | 07-Oct-2020         |                                 | 0.43                                 | mg/l                |
|                     | Sodium (filtered)                    |                            | 07-Oct-2020         |                                 | 9.77                                 | mg/l                |
|                     | Zinc (filtered)                      |                            | 07-Oct-2020         |                                 | 0.00622                              | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Diethyl phthalate                    |                            | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Chloride                             | TM184                      | 07-Oct-2020         | <150 mg/l                       | 16.4                                 | mg/l                |
|                     | Nitrate as NO3                       |                            | 07-Oct-2020         |                                 | <0.3                                 | mg/l                |
|                     | Nitrite as NO2                       |                            | 07-Oct-2020         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 07-Oct-2020         |                                 | <2                                   | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 07-Oct-2020         |                                 | <0.1                                 | mg/l                |
|                     | Dichloromethane                      | TM208                      | 07-Oct-2020         |                                 | <0.003                               | mg/l                |
|                     | Mecoprop                             | TM411                      | 07-Oct-2020         |                                 | <0.00008                             | mg/l                |
| BH5/02              | Base of well/borehole/sump           | Field                      | 07-Oct-2020         |                                 | 16.42                                | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 16.42                                | 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> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| BH5/02              | Base of well/borehole/sump           | Field                      | 14-Dec-2020         |                                 | 16.42                                | m                   |
|                     | Groundwater level/dip                |                            | 07-Oct-2020         |                                 | 1.93                                 | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 1.86                                 | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 1.79                                 | m                   |
|                     | Total Alkalinity as CaCO3            | TM043                      | 07-Oct-2020         |                                 | 224                                  | mg/l                |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 07-Oct-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 10-Nov-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 09-Dec-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM120                      | 07-Oct-2020         |                                 | 459                                  | µS/cm               |
|                     |                                      |                            | 10-Nov-2020         |                                 | 462                                  | µS/cm               |
|                     |                                      |                            | 09-Dec-2020         |                                 | 476                                  | µS/cm               |
|                     | Cadmium (filtered)                   | TM152                      | 07-Oct-2020         | <0.0001 mg/l                    | <0.00008                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 07-Oct-2020         |                                 | 87.3                                 | mg/l                |
|                     | Chromium (filtered)                  |                            | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Copper (filtered)                    |                            | 07-Oct-2020         |                                 | 0.00259                              | mg/l                |
|                     | Iron (filtered)                      |                            | 07-Oct-2020         |                                 | 0.075                                | mg/l                |
|                     | Lead (filtered)                      |                            | 07-Oct-2020         |                                 | 0.000538                             | mg/l                |
|                     | Magnesium (filtered)                 |                            | 07-Oct-2020         |                                 | 9.46                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 07-Oct-2020         |                                 | 0.0168                               | mg/l                |
|                     | Nickel (filtered)                    |                            | 07-Oct-2020         | <0.02 mg/l                      | 0.00065                              | mg/l                |
|                     | Potassium (filtered)                 |                            | 07-Oct-2020         |                                 | 1.43                                 | mg/l                |
|                     | Sodium (filtered)                    |                            | 07-Oct-2020         |                                 | 11.1                                 | mg/l                |
|                     | Zinc (filtered)                      |                            | 07-Oct-2020         |                                 | 0.0043                               | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 07-Oct-2020         | <0.001 mg/l                     | <0.001                               | mg/l                |
|                     | Diethyl phthalate                    |                            | 07-Oct-2020         | <0.003 mg/l                     | <0.001                               | mg/l                |
|                     | Chloride                             | TM184                      | 07-Oct-2020         | <150 mg/l                       | 22.1                                 | mg/l                |
|                     |                                      |                            | 10-Nov-2020         | <150 mg/l                       | 22.1                                 | mg/l                |
|                     |                                      |                            | 09-Dec-2020         | <150 mg/l                       | 21.7                                 | 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              | Nitrate as NO3                       | TM184                      | 07-Oct-2020         |                                 | 11.4                      | mg/l                |
|                     | Nitrite as NO2                       |                            | 07-Oct-2020         |                                 | <0.05                     | mg/l                |
|                     | Sulphate                             |                            | 07-Oct-2020         |                                 | 12.5                      | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 07-Oct-2020         |                                 | 2.57                      | mg/l                |
|                     | Dichloromethane                      | TM208                      | 07-Oct-2020         | <0.002 mg/l                     | <0.003                    | mg/l                |
|                     | Mecoprop                             | TM411                      | 07-Oct-2020         | <0.000055 mg/l                  | <0.00004                  | mg/l                |
| NACW203             | Base of well/borehole/sump           | Field                      | 07-Oct-2020         |                                 | 15.93                     | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 15.93                     | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 15.93                     | m                   |
|                     | Electrical conductivity (field)      |                            | 07-Oct-2020         |                                 | 239                       | µS/cm               |
|                     |                                      |                            | 09-Nov-2020         |                                 | 240                       | µS/cm               |
|                     |                                      |                            | 14-Dec-2020         |                                 | 240                       | µS/cm               |
|                     | Groundwater level/dip                |                            | 07-Oct-2020         |                                 | 0.35                      | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 0.51                      | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 0.32                      | m                   |
|                     | Water temperature                    |                            | 07-Oct-2020         |                                 | 14.2                      | °C                  |
|                     |                                      |                            | 09-Nov-2020         |                                 | 15                        | °C                  |
|                     |                                      |                            | 14-Dec-2020         |                                 | 10.2                      | °C                  |
|                     | Total Alkalinity as CaCO3            | TM043                      | 07-Oct-2020         |                                 | 226                       | mg/l                |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 07-Oct-2020         | <5.5 mg/l                       | <0.2                      | mg/l                |
|                     |                                      |                            | 10-Nov-2020         | <5.5 mg/l                       | <0.2                      | mg/l                |
|                     |                                      |                            | 09-Dec-2020         | <5.5 mg/l                       | <0.2                      | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM120                      | 10-Nov-2020         |                                 | 484                       | µS/cm               |
|                     |                                      |                            | 09-Dec-2020         |                                 | 513                       | µS/cm               |
|                     | Cadmium (filtered)                   | TM152                      | 07-Oct-2020         | <0.0001 mg/l                    | <0.00008                  | mg/l                |
|                     | Calcium (filtered)                   |                            | 07-Oct-2020         |                                 | 93.4                      | mg/l                |
|                     | Chromium (filtered)                  |                            | 07-Oct-2020         |                                 | <0.001                    | mg/l                |
|                     | Copper (filtered)                    |                            | 07-Oct-2020         |                                 | <0.0003                   | 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             | Iron (filtered)                      | TM152                      | 07-Oct-2020         |                                 | <0.019                               | mg/l                |
|                     | Lead (filtered)                      |                            | 07-Oct-2020         |                                 | <0.0002                              | mg/l                |
|                     | Magnesium (filtered)                 |                            | 07-Oct-2020         |                                 | 9.66                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 07-Oct-2020         |                                 | 0.00542                              | mg/l                |
|                     | Nickel (filtered)                    |                            | 07-Oct-2020         | <0.02 mg/l                      | <0.0004                              | mg/l                |
|                     | Potassium (filtered)                 |                            | 07-Oct-2020         |                                 | 1.28                                 | mg/l                |
|                     | Sodium (filtered)                    |                            | 07-Oct-2020         |                                 | 12.2                                 | mg/l                |
|                     | Zinc (filtered)                      |                            | 07-Oct-2020         |                                 | 0.00334                              | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 07-Oct-2020         | <0.001 mg/l                     | <0.002                               | mg/l                |
|                     | Diethyl phthalate                    |                            | 07-Oct-2020         | <0.003 mg/l                     | <0.002                               | mg/l                |
|                     | Chloride                             | TM184                      | 07-Oct-2020         | <150 mg/l                       | 30.5                                 | mg/l                |
|                     |                                      |                            | 10-Nov-2020         | <150 mg/l                       | 28.8                                 | mg/l                |
|                     |                                      |                            | 09-Dec-2020         | <150 mg/l                       | 28.9                                 | mg/l                |
|                     | Nitrate as NO3                       |                            | 07-Oct-2020         |                                 | 10.3                                 | mg/l                |
|                     | Nitrite as NO2                       |                            | 07-Oct-2020         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 07-Oct-2020         |                                 | 15.5                                 | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 07-Oct-2020         |                                 | 2.33                                 | mg/l                |
|                     | Dichloromethane                      | TM208                      | 07-Oct-2020         | <0.002 mg/l                     | <0.003                               | mg/l                |
|                     | Mecoprop                             | TM411                      | 07-Oct-2020         | <0.000055 mg/l                  | <0.00004                             | mg/l                |
| NACW205             | Base of well/borehole/sump           | Field                      | 07-Oct-2020         |                                 | 19.63                                | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 19.63                                | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 19.63                                | m                   |
|                     | Electrical conductivity (field)      |                            | 07-Oct-2020         |                                 | 267                                  | µS/cm               |
|                     |                                      |                            | 09-Nov-2020         |                                 | 235                                  | µS/cm               |
|                     |                                      |                            | 14-Dec-2020         |                                 | 243                                  | µS/cm               |
|                     | Groundwater level/dip                |                            | 07-Oct-2020         |                                 | 0.89                                 | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 0.77                                 | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 0.52                                 | 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> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| NACW205             | Water temperature                    | Field                      | 07-Oct-2020         |                                 | 12.5                                 | °C                  |
|                     |                                      |                            | 09-Nov-2020         |                                 | 15.1                                 | °C                  |
|                     |                                      |                            | 14-Dec-2020         |                                 | 10.1                                 | °C                  |
|                     | Total Alkalinity as CaCO3            | TM043                      | 07-Oct-2020         |                                 | 232                                  | mg/l                |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 07-Oct-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 10-Nov-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 09-Dec-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM120                      | 07-Oct-2020         |                                 | 504                                  | µS/cm               |
|                     |                                      |                            | 10-Nov-2020         |                                 | 478                                  | µS/cm               |
|                     |                                      |                            | 09-Dec-2020         |                                 | 517                                  | µS/cm               |
|                     | Cadmium (filtered)                   | TM152                      | 07-Oct-2020         | <0.0001 mg/l                    | <0.00008                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 07-Oct-2020         |                                 | 110                                  | mg/l                |
|                     | Chromium (filtered)                  |                            | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Copper (filtered)                    |                            | 07-Oct-2020         |                                 | 0.00123                              | mg/l                |
|                     | Iron (filtered)                      |                            | 07-Oct-2020         |                                 | 0.0932                               | mg/l                |
|                     | Lead (filtered)                      |                            | 07-Oct-2020         |                                 | 0.000419                             | mg/l                |
|                     | Magnesium (filtered)                 |                            | 07-Oct-2020         |                                 | 10.7                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 07-Oct-2020         |                                 | 0.055                                | mg/l                |
|                     | Nickel (filtered)                    |                            | 07-Oct-2020         | <0.02 mg/l                      | 0.000728                             | mg/l                |
|                     | Potassium (filtered)                 |                            | 07-Oct-2020         |                                 | 1.51                                 | mg/l                |
|                     | Sodium (filtered)                    |                            | 07-Oct-2020         |                                 | 13.4                                 | mg/l                |
|                     | Zinc (filtered)                      |                            | 07-Oct-2020         |                                 | 0.005                                | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 07-Oct-2020         | <0.001 mg/l                     | <0.001                               | mg/l                |
|                     | Diethyl phthalate                    |                            | 07-Oct-2020         | <0.003 mg/l                     | <0.001                               | mg/l                |
|                     | Chloride                             | TM184                      | 07-Oct-2020         | <150 mg/l                       | 33.1                                 | mg/l                |
|                     |                                      |                            | 10-Nov-2020         | <150 mg/l                       | 35.4                                 | mg/l                |
|                     |                                      |                            | 09-Dec-2020         | <150 mg/l                       | 34.8                                 | mg/l                |
|                     | Nitrate as NO3                       |                            | 07-Oct-2020         |                                 | 9.61                                 | 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             | Nitrite as NO2                       | TM184                      | 07-Oct-2020         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 07-Oct-2020         |                                 | 12.5                                 | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 07-Oct-2020         |                                 | 2.18                                 | mg/l                |
|                     | Dichloromethane                      | TM208                      | 07-Oct-2020         | <0.002 mg/l                     | <0.003                               | mg/l                |
|                     | Mecoprop                             | TM411                      | 07-Oct-2020         | <0.000055 mg/l                  | <0.00004                             | mg/l                |
| NACW212             | Base of well/borehole/sump           | Field                      | 07-Oct-2020         |                                 | 9.31                                 | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 9.31                                 | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 9.31                                 | m                   |
|                     | Electrical conductivity (field)      |                            | 07-Oct-2020         |                                 | 133                                  | µS/cm               |
|                     |                                      |                            | 09-Nov-2020         |                                 | 128                                  | µS/cm               |
|                     |                                      |                            | 14-Dec-2020         |                                 | 132                                  | µS/cm               |
|                     | Groundwater level/dip                |                            | 07-Oct-2020         |                                 | 1.1                                  | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 1.81                                 | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 1.06                                 | m                   |
|                     | Water temperature                    |                            | 07-Oct-2020         |                                 | 13.3                                 | °C                  |
|                     |                                      |                            | 09-Nov-2020         |                                 | 18.7                                 | °C                  |
|                     |                                      |                            | 14-Dec-2020         |                                 | 7.9                                  | °C                  |
|                     | Total Alkalinity as CaCO3            | TM043                      | 07-Oct-2020         |                                 | 124                                  | mg/l                |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 07-Oct-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 10-Nov-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 09-Dec-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM120                      | 07-Oct-2020         |                                 | 290                                  | µS/cm               |
|                     |                                      |                            | 10-Nov-2020         |                                 | 281                                  | µS/cm               |
|                     |                                      |                            | 09-Dec-2020         |                                 | 307                                  | µS/cm               |
|                     | Cadmium (filtered)                   | TM152                      | 07-Oct-2020         | <0.0001 mg/l                    | <0.00008                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 07-Oct-2020         |                                 | 49.8                                 | mg/l                |
|                     | Chromium (filtered)                  |                            | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Copper (filtered)                    |                            | 07-Oct-2020         |                                 | 0.00673                              | 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> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| NACW212             | Iron (filtered)                      | TM152                      | 07-Oct-2020         |                                 | 0.0952                               | mg/l                |
|                     | Lead (filtered)                      |                            | 07-Oct-2020         |                                 | 0.000575                             | mg/l                |
|                     | Magnesium (filtered)                 |                            | 07-Oct-2020         |                                 | 4.87                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 07-Oct-2020         |                                 | 0.0395                               | mg/l                |
|                     | Nickel (filtered)                    |                            | 07-Oct-2020         | <0.037 mg/l                     | 0.00105                              | mg/l                |
|                     | Potassium (filtered)                 |                            | 07-Oct-2020         |                                 | 4.9                                  | mg/l                |
|                     | Sodium (filtered)                    |                            | 07-Oct-2020         |                                 | 10.3                                 | mg/l                |
|                     | Zinc (filtered)                      |                            | 07-Oct-2020         |                                 | 0.0144                               | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 07-Oct-2020         | <0.001 mg/l                     | <0.001                               | mg/l                |
|                     | Diethyl phthalate                    |                            | 07-Oct-2020         | <0.003 mg/l                     | <0.001                               | mg/l                |
|                     | Chloride                             | TM184                      | 07-Oct-2020         | <150 mg/l                       | 12.1                                 | mg/l                |
|                     |                                      |                            | 10-Nov-2020         | <150 mg/l                       | 12.7                                 | mg/l                |
|                     |                                      |                            | 09-Dec-2020         | <150 mg/l                       | 14.6                                 | mg/l                |
|                     | Nitrate as NO3                       |                            | 07-Oct-2020         |                                 | 5.31                                 | mg/l                |
|                     | Nitrite as NO2                       |                            | 07-Oct-2020         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 07-Oct-2020         |                                 | 19.3                                 | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 07-Oct-2020         |                                 | 1.2                                  | mg/l                |
|                     | Dichloromethane                      | TM208                      | 07-Oct-2020         | <0.002 mg/l                     | <0.003                               | mg/l                |
|                     | Mecoprop                             | TM411                      | 07-Oct-2020         | <0.000055 mg/l                  | <0.00008                             | mg/l                |
| NACW213             | Base of well/borehole/sump           | Field                      | 07-Oct-2020         |                                 | 11.27                                | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 11.27                                | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 11.27                                | m                   |
|                     | Groundwater level/dip                |                            | 07-Oct-2020         |                                 | 1.69                                 | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 4.18                                 | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 1.59                                 | m                   |
| NACW219             | Base of well/borehole/sump           |                            | 07-Oct-2020         |                                 | 15.24                                | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 15.2                                 | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 15.2                                 | 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> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| NACW219             | Electrical conductivity (field)      | Field                      | 07-Oct-2020         |                                 | 188                                  | µS/cm               |
|                     | Groundwater level/dip                |                            | 07-Oct-2020         |                                 | 3.92                                 | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 4.07                                 | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 4.63                                 | m                   |
|                     | Water temperature                    |                            | 07-Oct-2020         |                                 | 14.9                                 | °C                  |
|                     | Total Alkalinity as CaCO3            | TM043                      | 07-Oct-2020         |                                 | 191                                  | mg/l                |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 07-Oct-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM120                      | 07-Oct-2020         |                                 | 416                                  | µS/cm               |
|                     | Cadmium (filtered)                   | TM152                      | 07-Oct-2020         |                                 | <0.00008                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 07-Oct-2020         |                                 | 77.5                                 | mg/l                |
|                     | Chromium (filtered)                  |                            | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Copper (filtered)                    |                            | 07-Oct-2020         |                                 | 0.00109                              | mg/l                |
|                     | Iron (filtered)                      |                            | 07-Oct-2020         |                                 | 0.93                                 | mg/l                |
|                     | Lead (filtered)                      |                            | 07-Oct-2020         |                                 | <0.0002                              | mg/l                |
|                     | Magnesium (filtered)                 |                            | 07-Oct-2020         |                                 | 7.04                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 07-Oct-2020         |                                 | 2.5                                  | mg/l                |
|                     | Nickel (filtered)                    |                            | 07-Oct-2020         |                                 | 0.00206                              | mg/l                |
|                     | Potassium (filtered)                 |                            | 07-Oct-2020         |                                 | 2.07                                 | mg/l                |
|                     | Sodium (filtered)                    |                            | 07-Oct-2020         |                                 | 11.4                                 | mg/l                |
|                     | Zinc (filtered)                      |                            | 07-Oct-2020         |                                 | 0.00353                              | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Diethyl phthalate                    |                            | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Chloride                             | TM184                      | 07-Oct-2020         | <150 mg/l                       | 21                                   | mg/l                |
|                     | Nitrate as NO3                       |                            | 07-Oct-2020         |                                 | <0.3                                 | mg/l                |
|                     | Nitrite as NO2                       |                            | 07-Oct-2020         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 07-Oct-2020         |                                 | 24.8                                 | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 07-Oct-2020         |                                 | <0.1                                 | mg/l                |
|                     | Dichloromethane                      | TM208                      | 07-Oct-2020         |                                 | <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> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| NACW219             | Mecoprop                             | TM411                      | 07-Oct-2020         |                                 | <0.00008                             | mg/l                |
| NACW227             | Base of well/borehole/sump           | Field                      | 07-Oct-2020         |                                 | 5.83                                 | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 5.85                                 | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 5.85                                 | m                   |
|                     | Groundwater level/dip                |                            | 07-Oct-2020         |                                 | DRY                                  | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | DRY                                  | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | DRY                                  | m                   |
| NACW228             | Base of well/borehole/sump           |                            | 07-Oct-2020         |                                 | 7.64                                 | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 7.61                                 | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 7.61                                 | m                   |
|                     | Electrical conductivity (field)      |                            | 07-Oct-2020         |                                 | 61                                   | µS/cm               |
|                     |                                      |                            | 09-Nov-2020         |                                 | 245                                  | µS/cm               |
|                     |                                      |                            | 14-Dec-2020         |                                 | 296                                  | µS/cm               |
|                     | Groundwater level/dip                |                            | 07-Oct-2020         |                                 | 4.56                                 | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 4.17                                 | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 4.18                                 | m                   |
|                     | Water temperature                    |                            | 07-Oct-2020         |                                 | 14.1                                 | °C                  |
|                     |                                      |                            | 09-Nov-2020         |                                 | 16.3                                 | °C                  |
|                     |                                      |                            | 14-Dec-2020         |                                 | 12.7                                 | °C                  |
|                     | Total Alkalinity as CaCO3            | TM043                      | 07-Oct-2020         |                                 | 30.4                                 | mg/l                |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 07-Oct-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 10-Nov-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 09-Dec-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM120                      | 07-Oct-2020         |                                 | 122                                  | µS/cm               |
|                     |                                      |                            | 10-Nov-2020         |                                 | 522                                  | µS/cm               |
|                     |                                      |                            | 09-Dec-2020         |                                 | 712                                  | µS/cm               |
|                     | Cadmium (filtered)                   | TM152                      | 07-Oct-2020         | <0.0001 mg/l                    | <0.00008                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 07-Oct-2020         |                                 | 11.2                                 | 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> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| NACW228             | Chromium (filtered)                  | TM152                      | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Copper (filtered)                    |                            | 07-Oct-2020         |                                 | 0.00249                              | mg/l                |
|                     | Iron (filtered)                      |                            | 07-Oct-2020         |                                 | 0.146                                | mg/l                |
|                     | Lead (filtered)                      |                            | 07-Oct-2020         |                                 | 0.000214                             | mg/l                |
|                     | Magnesium (filtered)                 |                            | 07-Oct-2020         |                                 | 2.96                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 07-Oct-2020         |                                 | 0.0245                               | mg/l                |
|                     | Nickel (filtered)                    |                            | 07-Oct-2020         | <0.02 mg/l                      | 0.00244                              | mg/l                |
|                     | Potassium (filtered)                 |                            | 07-Oct-2020         |                                 | 2.52                                 | mg/l                |
|                     | Sodium (filtered)                    |                            | 07-Oct-2020         |                                 | 8.77                                 | mg/l                |
|                     | Zinc (filtered)                      |                            | 07-Oct-2020         |                                 | 0.00345                              | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 07-Oct-2020         | <0.001 mg/l                     | <0.001                               | mg/l                |
|                     | Diethyl phthalate                    |                            | 07-Oct-2020         | <0.003 mg/l                     | <0.001                               | mg/l                |
|                     | Chloride                             | TM184                      | 07-Oct-2020         | <150 mg/l                       | 16.9                                 | mg/l                |
|                     |                                      |                            | 10-Nov-2020         | <150 mg/l                       | 26.3                                 | mg/l                |
|                     |                                      |                            | 09-Dec-2020         | <150 mg/l                       | 46.1                                 | mg/l                |
|                     | Nitrate as NO3                       |                            | 07-Oct-2020         |                                 | 4.5                                  | mg/l                |
|                     | Nitrite as NO2                       |                            | 07-Oct-2020         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 07-Oct-2020         |                                 | 11.2                                 | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 07-Oct-2020         |                                 | 1.02                                 | mg/l                |
|                     | Dichloromethane                      | TM208                      | 07-Oct-2020         | <0.002 mg/l                     | <0.003                               | mg/l                |
|                     | Mecoprop                             | TM411                      | 07-Oct-2020         | <0.000055 mg/l                  | <0.00004                             | mg/l                |
| NACW229             | Base of well/borehole/sump           | Field                      | 07-Oct-2020         |                                 | 7.32                                 | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 7.75                                 | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 7.75                                 | m                   |
|                     | Electrical conductivity (field)      |                            | 07-Oct-2020         |                                 | 253                                  | µS/cm               |
|                     | Groundwater level/dip                |                            | 07-Oct-2020         |                                 | 0.56                                 | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 0.79                                 | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 0.98                                 | 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> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| NACW229             | Water temperature                    | Field                      | 07-Oct-2020         |                                 | 15.7                                 | °C                  |
|                     | Total Alkalinity as CaCO3            | TM043                      | 07-Oct-2020         |                                 | 231                                  | mg/l                |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 07-Oct-2020         | <5.5 mg/l                       | 0.499                                | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM120                      | 07-Oct-2020         |                                 | 593                                  | µS/cm               |
|                     | Cadmium (filtered)                   | TM152                      | 07-Oct-2020         |                                 | <0.00008                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 07-Oct-2020         |                                 | 112                                  | mg/l                |
|                     | Chromium (filtered)                  |                            | 07-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Copper (filtered)                    |                            | 07-Oct-2020         |                                 | 0.00332                              | mg/l                |
|                     | Iron (filtered)                      |                            | 07-Oct-2020         |                                 | 0.123                                | mg/l                |
|                     | Lead (filtered)                      |                            | 07-Oct-2020         |                                 | 0.000642                             | mg/l                |
|                     | Magnesium (filtered)                 |                            | 07-Oct-2020         |                                 | 7.73                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 07-Oct-2020         |                                 | 0.07                                 | mg/l                |
|                     | Nickel (filtered)                    |                            | 07-Oct-2020         |                                 | 0.00156                              | mg/l                |
|                     | Potassium (filtered)                 |                            | 07-Oct-2020         |                                 | 14.9                                 | mg/l                |
|                     | Sodium (filtered)                    |                            | 07-Oct-2020         |                                 | 12.3                                 | mg/l                |
|                     | Zinc (filtered)                      |                            | 07-Oct-2020         |                                 | 0.00461                              | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 07-Oct-2020         |                                 | <0.002                               | mg/l                |
|                     | Diethyl phthalate                    |                            | 07-Oct-2020         |                                 | <0.002                               | mg/l                |
|                     | Chloride                             | TM184                      | 07-Oct-2020         | <150 mg/l                       | 19.7                                 | mg/l                |
|                     | Nitrate as NO3                       |                            | 07-Oct-2020         |                                 | 1.46                                 | mg/l                |
|                     | Nitrite as NO2                       |                            | 07-Oct-2020         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 07-Oct-2020         |                                 | 93.8                                 | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 07-Oct-2020         |                                 | 0.341                                | mg/l                |
|                     | Dichloromethane                      | TM208                      | 07-Oct-2020         |                                 | <0.003                               | mg/l                |
|                     | Mecoprop                             | TM411                      | 07-Oct-2020         |                                 | <0.00004                             | mg/l                |
| NACW230             | Base of well/borehole/sump           | Field                      | 07-Oct-2020         |                                 | 19.1                                 | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 19.1                                 | 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> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|---------------------------|---------------------|
| NACW230             | Base of well/borehole/sump           | Field                      | 14-Dec-2020         |                                 | 19.1                      | m                   |
|                     | Groundwater level/dip                |                            | 07-Oct-2020         |                                 | 0.98                      | m                   |
|                     |                                      |                            | 09-Nov-2020         |                                 | 0.52                      | m                   |
|                     |                                      |                            | 14-Dec-2020         |                                 | 0.26                      | m                   |
| UD1                 | Total Alkalinity as CaCO3            | TM043                      | 06-Oct-2020         |                                 | 245                       | mg/l                |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 06-Oct-2020         | <5.5 mg/l                       | <0.2                      | mg/l                |
|                     |                                      |                            | 10-Nov-2020         | <5.5 mg/l                       | <0.2                      | mg/l                |
|                     |                                      |                            | 09-Dec-2020         | <5.5 mg/l                       | <0.2                      | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM120                      | 06-Oct-2020         |                                 | 559                       | µS/cm               |
|                     |                                      |                            | 10-Nov-2020         |                                 | 548                       | µS/cm               |
|                     |                                      |                            | 09-Dec-2020         |                                 | 566                       | µS/cm               |
|                     | Cadmium (filtered)                   | TM152                      | 06-Oct-2020         | <0.0001 mg/l                    | <0.00008                  | mg/l                |
|                     | Calcium (filtered)                   |                            | 06-Oct-2020         |                                 | 101                       | mg/l                |
|                     | Chromium (filtered)                  |                            | 06-Oct-2020         |                                 | <0.001                    | mg/l                |
|                     | Copper (filtered)                    |                            | 06-Oct-2020         |                                 | 0.000862                  | mg/l                |
|                     | Iron (filtered)                      |                            | 06-Oct-2020         |                                 | 0.063                     | mg/l                |
|                     | Lead (filtered)                      |                            | 06-Oct-2020         |                                 | <0.0002                   | mg/l                |
|                     | Magnesium (filtered)                 |                            | 06-Oct-2020         |                                 | 11.1                      | mg/l                |
|                     | Manganese (filtered)                 |                            | 06-Oct-2020         |                                 | 0.0546                    | mg/l                |
|                     | Nickel (filtered)                    |                            | 06-Oct-2020         | <0.02 mg/l                      | 0.000637                  | mg/l                |
|                     | Potassium (filtered)                 |                            | 06-Oct-2020         |                                 | 1.65                      | mg/l                |
|                     | Sodium (filtered)                    |                            | 06-Oct-2020         |                                 | 12.5                      | mg/l                |
|                     | Zinc (filtered)                      |                            | 06-Oct-2020         |                                 | 0.0062                    | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 06-Oct-2020         | <0.001 mg/l                     | <0.001                    | mg/l                |
|                     | Diethyl phthalate                    |                            | 06-Oct-2020         | <0.003 mg/l                     | <0.001                    | mg/l                |
|                     | Chloride                             | TM184                      | 06-Oct-2020         | <150 mg/l                       | 44.5                      | mg/l                |
|                     |                                      |                            | 10-Nov-2020         | <150 mg/l                       | 44.5                      | mg/l                |
|                     |                                      |                            | 09-Dec-2020         | <150 mg/l                       | 45.2                      | 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> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| UD1                 | Nitrate as NO3                       | TM184                      | 06-Oct-2020         |                                 | 8.72                                 | mg/l                |
|                     | Nitrite as NO2                       |                            | 06-Oct-2020         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 06-Oct-2020         |                                 | 13.1                                 | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 06-Oct-2020         |                                 | 1.98                                 | mg/l                |
|                     | Dichloromethane                      | TM208                      | 06-Oct-2020         | <0.002 mg/l                     | <0.003                               | mg/l                |
|                     | Mecoprop                             | TM411                      | 06-Oct-2020         | <0.000055 mg/l                  | <0.00008                             | mg/l                |
| UD3                 | Total Alkalinity as CaCO3            | TM043                      | 06-Oct-2020         |                                 | 200                                  | mg/l                |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 06-Oct-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 10-Nov-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 09-Dec-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM120                      | 06-Oct-2020         |                                 | 420                                  | µS/cm               |
|                     |                                      |                            | 10-Nov-2020         |                                 | 382                                  | µS/cm               |
|                     |                                      |                            | 09-Dec-2020         |                                 | 391                                  | µS/cm               |
|                     | Cadmium (filtered)                   | TM152                      | 06-Oct-2020         | <0.0001 mg/l                    | <0.00008                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 06-Oct-2020         |                                 | 71.9                                 | mg/l                |
|                     | Chromium (filtered)                  |                            | 06-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Copper (filtered)                    |                            | 06-Oct-2020         |                                 | 0.000938                             | mg/l                |
|                     | Iron (filtered)                      |                            | 06-Oct-2020         |                                 | 0.0247                               | mg/l                |
|                     | Lead (filtered)                      |                            | 06-Oct-2020         |                                 | <0.0002                              | mg/l                |
|                     | Magnesium (filtered)                 |                            | 06-Oct-2020         |                                 | 7.78                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 06-Oct-2020         |                                 | 0.0264                               | mg/l                |
|                     | Nickel (filtered)                    |                            | 06-Oct-2020         | <0.02 mg/l                      | <0.0004                              | mg/l                |
|                     | Potassium (filtered)                 |                            | 06-Oct-2020         |                                 | 4.38                                 | mg/l                |
|                     | Sodium (filtered)                    |                            | 06-Oct-2020         |                                 | 12.5                                 | mg/l                |
|                     | Zinc (filtered)                      |                            | 06-Oct-2020         |                                 | 0.00306                              | mg/l                |
|                     | 4-Methylphenol                       |                            | 06-Oct-2020         | <0.001 mg/l                     | <0.001                               | mg/l                |
|                     | Diethyl phthalate                    |                            | 06-Oct-2020         | <0.003 mg/l                     | <0.001                               | mg/l                |
|                     | Chloride                             | TM184                      | 06-Oct-2020         | <150 mg/l                       | 18.7                                 | 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                 | Chloride                             | TM184                      | 10-Nov-2020         | <150 mg/l                       | 16.6                                 | mg/l                |
|                     |                                      |                            | 09-Dec-2020         | <150 mg/l                       | 16.3                                 | mg/l                |
|                     | Nitrate as NO3                       |                            | 06-Oct-2020         |                                 | 5.89                                 | mg/l                |
|                     | Nitrite as NO2                       |                            | 06-Oct-2020         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 06-Oct-2020         |                                 | 13.5                                 | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 06-Oct-2020         |                                 | 1.33                                 | mg/l                |
|                     | Dichloromethane                      | TM208                      | 06-Oct-2020         | <0.002 mg/l                     | <0.003                               | mg/l                |
|                     | Mecoprop                             | TM411                      | 06-Oct-2020         | <0.000055 mg/l                  | <0.00004                             | mg/l                |
| UD4                 | Total Alkalinity as CaCO3            | TM043                      | 06-Oct-2020         |                                 | 233                                  | mg/l                |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 06-Oct-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 10-Nov-2020         | <5.5 mg/l                       | 0.267                                | mg/l                |
|                     |                                      |                            | 09-Dec-2020         | <5.5 mg/l                       | 0.219                                | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM120                      | 06-Oct-2020         |                                 | 527                                  | µS/cm               |
|                     |                                      |                            | 10-Nov-2020         |                                 | 435                                  | µS/cm               |
|                     |                                      |                            | 09-Dec-2020         |                                 | 464                                  | µS/cm               |
|                     | Cadmium (filtered)                   | TM152                      | 06-Oct-2020         | <0.0001 mg/l                    | <0.00008                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 06-Oct-2020         |                                 | 94.2                                 | mg/l                |
|                     | Chromium (filtered)                  |                            | 06-Oct-2020         |                                 | <0.001                               | mg/l                |
|                     | Copper (filtered)                    |                            | 06-Oct-2020         |                                 | 0.0036                               | mg/l                |
|                     | Iron (filtered)                      |                            | 06-Oct-2020         |                                 | 0.186                                | mg/l                |
|                     | Lead (filtered)                      |                            | 06-Oct-2020         |                                 | 0.00125                              | mg/l                |
|                     | Magnesium (filtered)                 |                            | 06-Oct-2020         |                                 | 10.3                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 06-Oct-2020         |                                 | 0.0514                               | mg/l                |
|                     | Nickel (filtered)                    |                            | 06-Oct-2020         | <0.02 mg/l                      | 0.00133                              | mg/l                |
|                     | Potassium (filtered)                 |                            | 06-Oct-2020         |                                 | 1.6                                  | mg/l                |
|                     | Sodium (filtered)                    |                            | 06-Oct-2020         |                                 | 11.9                                 | mg/l                |
|                     | Zinc (filtered)                      |                            | 06-Oct-2020         |                                 | 0.0109                               | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 06-Oct-2020         | <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> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| UD4                 | Diethyl phthalate                    | TM176                      | 06-Oct-2020         | <0.003 mg/l                     | <0.001                               | mg/l                |
|                     | Chloride                             | TM184                      | 06-Oct-2020         | <150 mg/l                       | 34.3                                 | mg/l                |
|                     |                                      |                            | 10-Nov-2020         | <150 mg/l                       | 13.5                                 | mg/l                |
|                     |                                      |                            | 09-Dec-2020         | <150 mg/l                       | 14                                   | mg/l                |
|                     | Nitrate as NO3                       |                            | 06-Oct-2020         |                                 | 8.58                                 | mg/l                |
|                     | Nitrite as NO2                       |                            | 06-Oct-2020         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 06-Oct-2020         |                                 | 13.9                                 | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 06-Oct-2020         |                                 | 1.94                                 | mg/l                |
|                     | Dichloromethane                      | TM208                      | 06-Oct-2020         | <0.002 mg/l                     | <0.003                               | mg/l                |
|                     | Mecoprop                             | TM411                      | 06-Oct-2020         | <0.000055 mg/l                  | <0.00004                             | mg/l                |
| UD5                 | Total Alkalinity as CaCO3            | TM043                      | 06-Oct-2020         |                                 | 169                                  | mg/l                |
|                     | Ammoniacal Nitrogen as N             | TM099                      | 06-Oct-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 10-Nov-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     |                                      |                            | 09-Dec-2020         | <5.5 mg/l                       | <0.2                                 | mg/l                |
|                     | Electrical conductivity @20°C (lab)  | TM120                      | 06-Oct-2020         |                                 | 446                                  | µS/cm               |
|                     |                                      |                            | 10-Nov-2020         |                                 | 390                                  | µS/cm               |
|                     |                                      |                            | 09-Dec-2020         |                                 | 414                                  | µS/cm               |
|                     | Cadmium (filtered)                   | TM152                      | 06-Oct-2020         | <0.0001 mg/l                    | <0.00008                             | mg/l                |
|                     | Calcium (filtered)                   |                            | 06-Oct-2020         |                                 | 76.5                                 | mg/l                |
|                     | Chromium (filtered)                  |                            | 06-Oct-2020         |                                 | 0.00307                              | mg/l                |
|                     | Copper (filtered)                    |                            | 06-Oct-2020         |                                 | 0.0151                               | mg/l                |
|                     | Iron (filtered)                      |                            | 06-Oct-2020         |                                 | 0.172                                | mg/l                |
|                     | Lead (filtered)                      |                            | 06-Oct-2020         |                                 | 0.00262                              | mg/l                |
|                     | Magnesium (filtered)                 |                            | 06-Oct-2020         |                                 | 5.44                                 | mg/l                |
|                     | Manganese (filtered)                 |                            | 06-Oct-2020         |                                 | 0.0496                               | mg/l                |
|                     | Nickel (filtered)                    |                            | 06-Oct-2020         | <0.02 mg/l                      | 0.00375                              | mg/l                |
|                     | Potassium (filtered)                 |                            | 06-Oct-2020         |                                 | 19.3                                 | mg/l                |
|                     | Sodium (filtered)                    |                            | 06-Oct-2020         |                                 | 9.38                                 | 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> |
|---------------------|--------------------------------------|----------------------------|---------------------|---------------------------------|--------------------------------------|---------------------|
| UD5                 | Zinc (filtered)                      | TM152                      | 06-Oct-2020         |                                 | 0.0115                               | mg/l                |
|                     | 4-Methylphenol                       | TM176                      | 06-Oct-2020         | <0.001 mg/l                     | <0.001                               | mg/l                |
|                     | Diethyl phthalate                    |                            | 06-Oct-2020         | <0.003 mg/l                     | <0.001                               | mg/l                |
|                     | Chloride                             | TM184                      | 06-Oct-2020         | <150 mg/l                       | 18.7                                 | mg/l                |
|                     |                                      |                            | 10-Nov-2020         | <150 mg/l                       | 21.2                                 | mg/l                |
|                     |                                      |                            | 09-Dec-2020         | <150 mg/l                       | 22.2                                 | mg/l                |
|                     | Nitrate as NO3                       |                            | 06-Oct-2020         |                                 | 0.819                                | mg/l                |
|                     | Nitrite as NO2                       |                            | 06-Oct-2020         |                                 | <0.05                                | mg/l                |
|                     | Sulphate                             |                            | 06-Oct-2020         |                                 | 55.4                                 | mg/l                |
|                     | Total Oxidised Nitrogen as N         |                            | 06-Oct-2020         |                                 | 0.188                                | mg/l                |
|                     | Dichloromethane                      | TM208                      | 06-Oct-2020         | <0.002 mg/l                     | <0.003                               | mg/l                |
|                     | Mecoprop                             | TM411                      | 06-Oct-2020         | <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.

Signature:.....

Date: 26 January 2021

(Authorised to sign as representative of  
Operator)