

CLIENT DETAILS

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Project **Ashley Discharge Event Monitoring**  
Order Number **35626**  
Samples **1**

LABORATORY DETAILS

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SGS Reference **BE008676 R0**  
Report Number **0000027929**  
Date Reported **09 Apr 2014**  
Date Received **28 Mar 2014**

COMMENTS

Accredited for compliance with ISO/IEC 17025, NATA accredited laboratory 2562(20707/1706).

TN/TP subcontracted to SGS Sydney, Unit 16 33 Maddox St Alexandria NSW 2015, NATA Accreditation Number: 2562, Site Number: 4354, SE126330 R0

SIGNATORIES



**Jeremy Truong**  
Business Manager



**Leanne Orsmond**  
Inorganics Supervisor



**Michael Morrison**  
Senior Organic Chemist

|               |                                   |
|---------------|-----------------------------------|
| Sample Number | BE008676.001                      |
| Sample Matrix | Water                             |
| Sample Date   | 26/3/14 12:30                     |
| Sample Name   | A Site 11<br>Nothern<br>Discharge |
| Parameter     | Units LOR                         |

pH in water Method: AN101

|      |          |     |     |
|------|----------|-----|-----|
| pH** | pH Units | 0.1 | 7.4 |
|------|----------|-----|-----|

Conductivity and TDS by Calculation - Water Method: AN106

|                     |       |   |    |
|---------------------|-------|---|----|
| Conductivity @ 25 C | µS/cm | 5 | 24 |
|---------------------|-------|---|----|

Total and Volatile Suspended Solids (TSS / VSS) Method: AN114

|   |      |   |     |
|---|------|---|-----|
| Total Suspended Solids Dried at 103-105°C | mg/L | 1 | 120 |
|---|------|---|-----|

Total Phosphorus by Kjeldahl Digestion DA in Water Method: AN279/AN293

|                                       |      |      |      |
|---------------------------------------|------|------|------|
| Total Phosphorus (Kjeldahl Digestion) | mg/L | 0.01 | 0.31 |
|---------------------------------------|------|------|------|

OC Pesticides in Water Method: AN400/AN420

|                         |      |     |      |
|-------------------------|------|-----|------|
| Alpha BHC               | µg/L | 0.1 | <0.1 |
| Hexachlorobenzene (HCB) | µg/L | 0.1 | <0.1 |
| Beta BHC                | µg/L | 0.1 | <0.1 |
| Lindane (gamma BHC)     | µg/L | 0.1 | <0.1 |
| Delta BHC               | µg/L | 0.1 | <0.1 |
| Heptachlor              | µg/L | 0.1 | <0.1 |
| Aldrin                  | µg/L | 0.1 | <0.1 |
| Heptachlor epoxide      | µg/L | 0.1 | <0.1 |
| Isodrin                 | µg/L | 0.1 | <0.1 |
| Gamma Chlordane         | µg/L | 0.1 | <0.1 |
| Alpha Chlordane         | µg/L | 0.1 | <0.1 |
| Alpha Endosulfan        | µg/L | 0.1 | <0.1 |
| p,p'-DDE                | µg/L | 0.1 | <0.1 |
| Dieldrin                | µg/L | 0.1 | <0.1 |
| Endrin                  | µg/L | 0.1 | <0.1 |
| Beta Endosulfan         | µg/L | 0.1 | <0.1 |
| p,p'-DDD                | µg/L | 0.1 | <0.1 |
| Endosulfan sulphate     | µg/L | 0.1 | <0.1 |
| p,p'-DDT                | µg/L | 0.1 | <0.1 |
| Endrin ketone           | µg/L | 0.1 | <0.1 |
| Methoxychlor            | µg/L | 0.1 | <0.1 |
| Mirex                   | µg/L | 0.1 | <0.1 |

|               |                                   |     |
|---------------|-----------------------------------|-----|
| Sample Number | BE008676.001                      |     |
| Sample Matrix | Water                             |     |
| Sample Date   | 28/3/14 12:30                     |     |
| Sample Name   | A Site 11<br>Nothorn<br>Discharge |     |
| Parameter     | Units                             | LOR |

**OC Pesticides in Water Method: AN400/AN420 (continued)**

Surrogates

|                              |   |   |            |
|------------------------------|---|---|------------|
| d14-p-terphenyl (Surrogate)  | % | - | <b>110</b> |
| 2-fluorobiphenyl (Surrogate) | % | - | <b>110</b> |
| d5-nitrobenzene (Surrogate)  | % | - | <b>120</b> |

**OP Pesticides in Water Method: AN400/AN420**

|                                   |      |     |      |
|-----------------------------------|------|-----|------|
| Dichlorvos                        | µg/L | 1   | <1   |
| Dimethoate                        | µg/L | 1   | <1   |
| Diazinon (Dimpylate)              | µg/L | 0.5 | <0.5 |
| Fenitrothion                      | µg/L | 0.2 | <0.2 |
| Malathion                         | µg/L | 0.2 | <0.2 |
| Chlorpyrifos (Chlorpyrifos Ethyl) | µg/L | 0.2 | <0.2 |
| Parathion-ethyl (Parathion)       | µg/L | 0.2 | <0.2 |
| Bromophos Ethyl                   | µg/L | 0.2 | <0.2 |
| Methidathion                      | µg/L | 0.5 | <0.5 |
| Ethion                            | µg/L | 0.2 | <0.2 |
| Azinphos-methyl                   | µg/L | 0.2 | <0.2 |

Surrogates

|                              |   |   |            |
|------------------------------|---|---|------------|
| d14-p-terphenyl (Surrogate)  | % | - | <b>110</b> |
| d5-nitrobenzene (Surrogate)  | % | - | <b>110</b> |
| 2-fluorobiphenyl (Surrogate) | % | - | <b>120</b> |

**Other SVOC Analytes in Water Method: AN420**

OPs

|                     |      |     |      |
|---------------------|------|-----|------|
| Carbophenothion     | µg/L | 0.5 | <0.5 |
| Chlorpyrifos-methyl | µg/L | 0.5 | <0.5 |
| Dichlofenthion      | µg/L | 0.5 | <0.5 |
| Dioxathion          | µg/L | 2   | <2   |
| Famphur (Famophos)  | µg/L | 0.5 | <0.5 |
| Fonophos            | µg/L | 0.5 | <0.5 |
| Terbufos            | µg/L | 0.5 | <0.5 |



# ANALYTICAL REPORT

BE008676 R0

|               |               |     |
|---------------|---------------|-----|
| Sample Number | BE008676.001  |     |
| Sample Matrix | Water         |     |
| Sample Date   | 26/3/14 12:30 |     |
| Sample Name   | A Site 11     |     |
| Discharge     | Nothern       |     |
| Parameter     | Units         | LOR |

**Other SVOC Analytes in Water Method: AN420 (continued)**  
other SVOCs

|           |      |   |    |
|-----------|------|---|----|
| Thionazin | µg/L | 1 | <1 |
|-----------|------|---|----|

**Nitrite in Water Method: AN277/WC250.312**

|                                |      |       |             |
|--------------------------------|------|-------|-------------|
| Total Oxidised Nitrogen, NOx-N | mg/L | 0.005 | <b>0.14</b> |
|--------------------------------|------|-------|-------------|

**TKN Kjeldahl Digestion by Discrete Analyser Method: AN281/AN292**

|                       |      |      |             |
|-----------------------|------|------|-------------|
| Total Nitrogen (calc) | mg/L | 0.05 | <b>0.79</b> |
|-----------------------|------|------|-------------|

MB blank results are compared to the Limit of Reporting  
 LCS and MS spike recoveries are measured as the percentage of analyte recovered from the sample compared to the amount of analyte spiked into the sample.  
 DUP and MSD relative percent differences are measured against their original counterpart samples according to the formula: *the absolute difference of the two results divided by the average of the two results as a percentage*. Where the DUP RPD is 'NA', the results are less than the LOR and thus the RPD is not applicable.

Conductivity and TDS by Calculation - Water Method: ME-(AU)-[ENV]AN106

| Parameter           | QC Reference | Units | LOR | MB | DUP %RPD | LCS %Recovery |
|---------------------|--------------|-------|-----|----|----------|---------------|
| Conductivity @ 25 C | LB013689     | µS/cm | 5   | <5 | 5%       | 99 - 100%     |

OC Pesticides in Water Method: ME-(AU)-[ENV]AN400/AN420

| Parameter               | QC Reference | Units | LOR | MB   | LCS %Recovery |
|-------------------------|--------------|-------|-----|------|---------------|
| Alpha BHC               | LB013666     | µg/L  | 0.1 | <0.1 |               |
| Hexachlorobenzene (HCB) | LB013666     | µg/L  | 0.1 | <0.1 |               |
| Beta BHC                | LB013666     | µg/L  | 0.1 | <0.1 |               |
| Lindane (gamma BHC)     | LB013666     | µg/L  | 0.1 | <0.1 | 81%           |
| Delta BHC               | LB013666     | µg/L  | 0.1 | <0.1 |               |
| Heptachlor              | LB013666     | µg/L  | 0.1 | <0.1 | 74%           |
| Aldrin                  | LB013666     | µg/L  | 0.1 | <0.1 | 86%           |
| Heptachlor epoxide      | LB013666     | µg/L  | 0.1 | <0.1 |               |
| Isodrin                 | LB013666     | µg/L  | 0.1 | <0.1 | 85%           |
| Gamma Chlordane         | LB013666     | µg/L  | 0.1 | <0.1 | 82%           |
| Alpha Chlordane         | LB013666     | µg/L  | 0.1 | <0.1 |               |
| Alpha Endosulfan        | LB013666     | µg/L  | 0.1 | <0.1 |               |
| p,p'-DDE                | LB013666     | µg/L  | 0.1 | <0.1 | NA            |
| Dieldrin                | LB013666     | µg/L  | 0.1 | <0.1 | 83%           |
| Endrin                  | LB013666     | µg/L  | 0.1 | <0.1 | 78%           |
| Beta Endosulfan         | LB013666     | µg/L  | 0.1 | <0.1 |               |
| p,p'-DDD                | LB013666     | µg/L  | 0.1 | <0.1 |               |
| Endosulfan sulphate     | LB013666     | µg/L  | 0.1 | <0.1 |               |
| p,p'-DDT                | LB013666     | µg/L  | 0.1 | <0.1 |               |
| Endrin ketone           | LB013666     | µg/L  | 0.1 | <0.1 |               |
| Methoxychlor            | LB013666     | µg/L  | 0.1 | <0.1 |               |
| Mirex                   | LB013666     | µg/L  | 0.1 | <0.1 | 82%           |

Surrogates

| Parameter                    | QC Reference | Units | LOR | MB   | LCS %Recovery |
|------------------------------|--------------|-------|-----|------|---------------|
| d14-p-terphenyl (Surrogate)  | LB013666     | %     | -   | 110% | 110%          |
| 2-fluorobiphenyl (Surrogate) | LB013666     | %     | -   | 110% | 110%          |
| d5-nitrobenzene (Surrogate)  | LB013666     | %     | -   | 120% | 110%          |

MB blank results are compared to the Limit of Reporting  
 LCS and MS spike recoveries are measured as the percentage of analyte recovered from the sample compared to the amount of analyte spiked into the sample.  
 DUP and MSD relative percent differences are measured against their original counterpart samples according to the formula: *the absolute difference of the two results divided by the average of the two results as a percentage*. Where the DUP RPD is 'NA', the results are less than the LOR and thus the RPD is not applicable.

OP Pesticides in Water Method: ME-(AU)-[ENV]AN400/AN420

| Parameter                         | QC Reference | Units | LOR | MB   | LCS %Recovery |
|-----------------------------------|--------------|-------|-----|------|---------------|
| Dichlorvos                        | LB013666     | µg/L  | 1   | <1   |               |
| Dimethoate                        | LB013666     | µg/L  | 1   | <1   |               |
| Diazinon (Dimpylate)              | LB013666     | µg/L  | 0.5 | <0.5 | 34%           |
| Fenitrothion                      | LB013666     | µg/L  | 0.2 | <0.2 |               |
| Malathion                         | LB013666     | µg/L  | 0.2 | <0.2 |               |
| Chlorpyrifos (Chlorpyrifos Ethyl) | LB013666     | µg/L  | 0.2 | <0.2 | 77%           |
| Parathion-ethyl (Parathion)       | LB013666     | µg/L  | 0.2 | <0.2 | 58%           |
| Bromophos Ethyl                   | LB013666     | µg/L  | 0.2 | <0.2 |               |
| Methidathion                      | LB013666     | µg/L  | 0.5 | <0.5 | 58%           |
| Ethion                            | LB013666     | µg/L  | 0.2 | <0.2 |               |
| Azinphos-methyl                   | LB013666     | µg/L  | 0.2 | <0.2 |               |

Surrogates

| Parameter                    | QC Reference | Units | LOR | MB   | LCS %Recovery |
|------------------------------|--------------|-------|-----|------|---------------|
| d14-p-terphenyl (Surrogate)  | LB013666     | %     | -   | 110% | 110%          |
| d5-nitrobenzene (Surrogate)  | LB013666     | %     | -   | 110% | 110%          |
| 2-fluorobiphenyl (Surrogate) | LB013666     | %     | -   | 120% | 110%          |

Other SVOC Analytes in Water Method: ME-(AU)-[ENV]AN420

OPs

| Parameter           | QC Reference | Units | LOR | MB   |
|---------------------|--------------|-------|-----|------|
| Carbophenothion     | LB013666     | µg/L  | 0.5 | <0.5 |
| Chlorpyrifos-methyl | LB013666     | µg/L  | 0.5 | <0.5 |
| Dichlofenthion      | LB013666     | µg/L  | 0.5 | <0.5 |
| Dioxathion          | LB013666     | µg/L  | 2   | <2   |
| Famphur (Famophos)  | LB013666     | µg/L  | 0.5 | <0.5 |
| Fonophos            | LB013666     | µg/L  | 0.5 | <0.5 |
| Terbufos            | LB013666     | µg/L  | 0.5 | <0.5 |

other SVOCs

| Parameter | QC Reference | Units | LOR | MB |
|-----------|--------------|-------|-----|----|
| Thionazin | LB013666     | µg/L  | 1   | <1 |

MB blank results are compared to the Limit of Reporting  
 LCS and MS spike recoveries are measured as the percentage of analyte recovered from the sample compared to the amount of analyte spiked into the sample.  
 DUP and MSD relative percent differences are measured against their original counterpart samples according to the formula: *the absolute difference of the two results divided by the average of the two results as a percentage*. Where the DUP RPD is 'NA', the results are less than the LOR and thus the RPD is not applicable.

pH in water Method: ME-(AU)-[ENV]AN101

| Parameter | QC Reference | Units    | LOR | MB        | DUP %RPD | LCS %Recovery |
|-----------|--------------|----------|-----|-----------|----------|---------------|
| pH**      | LB013889     | pH Units | 0.1 | 5.5 - 5.7 | 0 - 3%   | 101%          |

Total and Volatile Suspended Solids (TSS / VSS) Method: ME-(AU)-[ENV]AN114

| Parameter                                 | QC Reference | Units | LOR | MB | DUP %RPD | LCS %Recovery |
|---|--------------|-------|-----|----|----------|---------------|
| Total Suspended Solids Dried at 103-105°C | LB013739     | mg/L  | 1   | <1 | 0 - 5%   | 94%           |

METHOD

METHODOLOGY SUMMARY

|                 |   |
|-----------------|---|
| AN083           | Separatory funnels are used for aqueous samples and extracted by transferring an appropriate volume (mass) of liquid into a separatory funnel and adding 3 serial aliquots of dichloromethane. Samples receive a single extraction at pH 7 to recover base / neutral analytes and two extractions at pH < 2 to recover acidic analytes. QC samples are prepared by spiking organic free water with target analytes and extracting as per samples.   |
| AN101           | pH in Soil Sludge Sediment and Water: pH is measured electrometrically using a combination electrode (glass plus reference electrode) and is calibrated against 3 buffers purchased commercially. For soils, an extract with water is made at a ratio of 1:5 and the pH determined and reported on the extract. Reference APHA 4500-H+.   |
| AN106           | Conductivity and TDS by Calculation: Conductivity is measured by meter with temperature compensation and is calibrated against a standard solution of potassium chloride. Conductivity is generally reported as µmhos/cm or µS/cm @ 25°C. For soils, an extract with water is made at a ratio of 1:5 and the EC determined and reported on the extract, or calculated back to the as-received sample. Total Dissolved Salts can be estimated from conductivity using a conversion factor, which for natural waters, is in the range 0.55 to 0.75. SGS use 0.6. Reference APHA 2520 B.   |
| AN114           | Total Suspended and Volatile Suspended Solids: The sample is homogenised by shaking and a known volume is filtered through a pre-weighed GF/C filter paper and washed well with deionised water. The filter paper is dried and reweighed. The TSS is the residue retained by the filter per unit volume of sample. Reference APHA 2540 D. Internal Reference AN114  |
| AN245           | Anions by Ion Chromatography: A water sample is injected into an eluent stream that passes through the ion chromatographic system where the anions of interest ie Br, Cl, NO <sub>2</sub> , NO <sub>3</sub> and SO <sub>4</sub> are separated on their relative affinities for the active sites on the column packing material. Changes to the conductivity and the UV-visible absorbance of the eluent enable identification and quantitation of the anions based on their retention time and peak height or area. APHA 4110 B   |
| AN277/WC250.312 | Nitrite ions, when reacted with a reagent containing sulphanilamide and N-(1-naphthyl)-ethylenediamine dihydrochloride produce a highly coloured azo dye that is measured photometrically at 540nm.   |
| AN279/AN293     | The sample is digested with Sulphuric acid, K <sub>2</sub> SO <sub>4</sub> and CuSO <sub>4</sub> . All forms of phosphorus are converted into orthophosphate. The digest is cooled and placed on the discrete analyser for colorimetric analysis.   |
| AN281           | An unfiltered water or soil sample is first digested in a block digester with sulphuric acid, K <sub>2</sub> SO <sub>4</sub> and CuSO <sub>4</sub> . The ammonia produced following digestion is then measured colourimetrically using the Aquakem 250 Discrete Analyser. A portion of the digested sample is buffered to an alkaline pH, and interfering cations are complexed. The ammonia then reacts with salicylate and hypochlorite to give a blue colour whose absorbance is measured at 660nm and compared with calibration standards. This is proportional to the concentration of Total Kjeldahl Nitrogen in the original sample. |
| AN400           | OC and OP Pesticides by GC-ECD: The determination of organochlorine (OC) and organophosphorus (OP) pesticides and polychlorinated biphenyls (PCBs) in soils, sludges and groundwater. (Based on USEPA methods 3510, 3550, 8140 and 8080.)   |
| AN420           | SVOC Compounds: Semi-Volatile Organic Compounds (SVOCs) including OC, OP, PCB, Herbicides, PAH, Phthalates and Speciated Phenols (etc) in soils, sediments and waters are determined by GCMS/ECD technique following appropriate solvent extraction process (Based on USEPA 3500C and 8270D).   |
| AN420           | SVOC Compounds: Semi-Volatile Organic Compounds (SVOCs) including OC, OP, PCB, Herbicides, PAH, Phthalates and Speciated Phenols in soils, sediments and waters are determined by GCMS/ECD technique following appropriate solvent extraction process (Based on USEPA 3500C and 8270D).   |



FOOTNOTES

|     |   |     |  |
|-----|---|-----|--|
| IS  | Insufficient sample for analysis.                           | LOR | Limit of Reporting                           |
| LNR | Sample listed, but not received.                            | ↑↓  | Raised or Lowered Limit of Reporting         |
| *   | This analysis is not covered by the scope of accreditation. | QFH | QC result is above the upper tolerance       |
| **  | Indicative data, theoretical holding time exceeded.         | QFL | QC result is below the lower tolerance       |
| ^   | Performed by outside laboratory.                            | -   | The sample was not analysed for this analyte |
|     |   | NVL | Not Validated                                |

Samples analysed as received.  
Solid samples expressed on a dry weight basis.

Some totals may not appear to add up because the total is rounded after adding up the raw values.

The QC criteria are subject to internal review according to the SGS QAQC plan and may be provided on request or alternatively can be found here:  
<http://www.sgs.com.au/pv.sgsv3/~media/Local/Australia/Documents/Technical%20Documents/MP-AU-ENV-QU-022%20QA%20QC%20Plan.pdf>

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Order 35626  
 Project Ashley Discharge Event Monitoring

Sample Name BE008676.001  
 Description A Site 11 Nothern Discharge  
 Sample Date 26/3/2014 12:30  
 Matrix Water

| Job Number | Method Name                     | Analyte Name          | Units    | Reporting Limit | Result |
|------------|---------------------------------|-----------------------|----------|-----------------|--------|
| BE008676   | pH in water                     | pH**                  | pH Units | 0.1             | 7.4    |
| BE008676   | Conductivity and TDS by Calcul  | Conductivity @ 25 C   | µS/cm    | 5               | 24     |
| BE008676   | Total and Volatile Suspended Sc | Total Suspended Sol   | mg/L     | 1               | 120    |
| BE008676   | Total Phosphorus by Kjeldahl Di | Total Phosphorus (Kj  | mg/L     | 0.01            | 0.31   |
| BE008676   | OC Pesticides in Water          | Alpha BHC             | µg/L     | 0.1 <0.1        |        |
| BE008676   | OC Pesticides in Water          | Hexachlorobenzene     | µg/L     | 0.1 <0.1        |        |
| BE008676   | OC Pesticides in Water          | Beta BHC              | µg/L     | 0.1 <0.1        |        |
| BE008676   | OC Pesticides in Water          | Lindane (gamma BH     | µg/L     | 0.1 <0.1        |        |
| BE008676   | OC Pesticides in Water          | Delta BHC             | µg/L     | 0.1 <0.1        |        |
| BE008676   | OC Pesticides in Water          | Heptachlor            | µg/L     | 0.1 <0.1        |        |
| BE008676   | OC Pesticides in Water          | Aldrin                | µg/L     | 0.1 <0.1        |        |
| BE008676   | OC Pesticides in Water          | Heptachlor epoxide    | µg/L     | 0.1 <0.1        |        |
| BE008676   | OC Pesticides in Water          | Isodrin               | µg/L     | 0.1 <0.1        |        |
| BE008676   | OC Pesticides in Water          | Gamma Chlordane       | µg/L     | 0.1 <0.1        |        |
| BE008676   | OC Pesticides in Water          | Alpha Chlordane       | µg/L     | 0.1 <0.1        |        |
| BE008676   | OC Pesticides in Water          | Alpha Endosulfan      | µg/L     | 0.1 <0.1        |        |
| BE008676   | OC Pesticides in Water          | p,p'-DDE              | µg/L     | 0.1 <0.1        |        |
| BE008676   | OC Pesticides in Water          | Dieldrin              | µg/L     | 0.1 <0.1        |        |
| BE008676   | OC Pesticides in Water          | Endrin                | µg/L     | 0.1 <0.1        |        |
| BE008676   | OC Pesticides in Water          | Beta Endosulfan       | µg/L     | 0.1 <0.1        |        |
| BE008676   | OC Pesticides in Water          | p,p'-DDD              | µg/L     | 0.1 <0.1        |        |
| BE008676   | OC Pesticides in Water          | Endosulfan sulphate   | µg/L     | 0.1 <0.1        |        |
| BE008676   | OC Pesticides in Water          | p,p'-DDT              | µg/L     | 0.1 <0.1        |        |
| BE008676   | OC Pesticides in Water          | Endrin ketone         | µg/L     | 0.1 <0.1        |        |
| BE008676   | OC Pesticides in Water          | Methoxychlor          | µg/L     | 0.1 <0.1        |        |
| BE008676   | OC Pesticides in Water          | Mirex                 | µg/L     | 0.1 <0.1        |        |
| BE008676   | OC Pesticides in Water          | d14-p-terphenyl (Sur  | %        | 0               | 110    |
| BE008676   | OC Pesticides in Water          | 2-fluorobiphenyl (Sur | %        | 0               | 110    |
| BE008676   | OC Pesticides in Water          | d5-nitrobenzene (Sur  | %        | 0               | 120    |
| BE008676   | OP Pesticides in Water          | Dichlorvos            | µg/L     | 1 <1            |        |
| BE008676   | OP Pesticides in Water          | Dimethoate            | µg/L     | 1 <1            |        |
| BE008676   | OP Pesticides in Water          | Diazinon (Dimpylate)  | µg/L     | 0.5 <0.5        |        |
| BE008676   | OP Pesticides in Water          | Fenitrothion          | µg/L     | 0.2 <0.2        |        |
| BE008676   | OP Pesticides in Water          | Malathion             | µg/L     | 0.2 <0.2        |        |
| BE008676   | OP Pesticides in Water          | Chlorpyrifos (Chlorpy | µg/L     | 0.2 <0.2        |        |
| BE008676   | OP Pesticides in Water          | Parathion-ethyl (Par  | µg/L     | 0.2 <0.2        |        |
| BE008676   | OP Pesticides in Water          | Bromophos Ethyl       | µg/L     | 0.2 <0.2        |        |
| BE008676   | OP Pesticides in Water          | Methidathion          | µg/L     | 0.5 <0.5        |        |
| BE008676   | OP Pesticides in Water          | Ethion                | µg/L     | 0.2 <0.2        |        |
| BE008676   | OP Pesticides in Water          | Azinphos-methyl       | µg/L     | 0.2 <0.2        |        |
| BE008676   | OP Pesticides in Water          | d14-p-terphenyl (Sur  | %        | 0               | 110    |
| BE008676   | OP Pesticides in Water          | d5-nitrobenzene (Sur  | %        | 0               | 110    |
| BE008676   | OP Pesticides in Water          | 2-fluorobiphenyl (Sur | %        | 0               | 120    |
| BE008676   | Other SVOC Analytes in Water    | Carbophenothion       | µg/L     | 0.5 <0.5        |        |
| BE008676   | Other SVOC Analytes in Water    | Chlorpyrifos-methyl   | µg/L     | 0.5 <0.5        |        |
| BE008676   | Other SVOC Analytes in Water    | Dichlofenthion        | µg/L     | 0.5 <0.5        |        |
| BE008676   | Other SVOC Analytes in Water    | Dioxathion            | µg/L     | 2 <2            |        |
| BE008676   | Other SVOC Analytes in Water    | Famphur (Famophos     | µg/L     | 0.5 <0.5        |        |
| BE008676   | Other SVOC Analytes in Water    | Fonophos              | µg/L     | 0.5 <0.5        |        |
| BE008676   | Other SVOC Analytes in Water    | Terbufos              | µg/L     | 0.5 <0.5        |        |
| BE008676   | Other SVOC Analytes in Water    | Thionazin             | µg/L     | 1 <1            |        |
| BE008676   | Nitrite in Water                | Total Oxidised Nitrog | mg/L     | 0.005           | 0.14   |
| BE008676   | TKN Kjeldahl Digestion by Discr | Total Nitrogen (calc) | mg/L     | 0.05            | 0.79   |