

CLIENT DETAILS

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Project **Yarraman Discharge Event Monitoring**  
Order Number **(Not specified)**  
Samples **6**

LABORATORY DETAILS

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SGS Reference **BE008706 R0**  
Report Number **0000028123**  
Date Reported **11 Apr 2014**  
Date Received **01 Apr 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, SE126402 R0

SIGNATORIES



**Jeremy Truong**  
Business Manager



**Leanne Orsmond**  
Inorganics Supervisor



**Michael Morrison**  
Senior Organic Chemist

Parameter	Units	LOR	BE008706.001 Water Y Site 20 Regulator NE Levee	BE008706.002 Water Y Site 21 Regulator N Levee	BE008706.003 Water Y Site 22 Culvert NW Levee	BE008706.004 Water Y Site 23 Culvert W Levee
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pH in water Method: AN101

pH**	pH Units	0.1	7.4	7.4	7.5	7.4
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Conductivity and TDS by Calculation - Water Method: AN106

Conductivity @ 25 C	µS/cm	5	120	120	120	120
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Total and Volatile Suspended Solids (TSS / VSS) Method: AN114

Total Suspended Solids Dried at 103-105°C	mg/L	1	120	110	110	120
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TKN Kjeldahl Digestion by Discrete Analyser Method: AN281

Total Nitrogen (calc)	mg/L	0.05	1.3	1.4	1.3	1.2
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Total Phosphorus by Kjeldahl Digestion DA in Water Method: AN279/AN293

Total Phosphorus (Kjeldahl Digestion)	mg/L	0.01	0.63	0.61	0.62	0.62
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OC Pesticides in Water Method: AN400/AN420

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



ANALYTICAL REPORT

BE008706 R0

Sample Number	BE008706.001	BE008706.002	BE008706.003	BE008706.004
Sample Matrix	Water	Water	Water	Water
Sample Date	27 Mar 2014	27 Mar 2014	27 Mar 2014	27 Mar 2014
Sample Name	Y Site 20	Y Site 21	Y Site 22 Culvert	Y Site 23 Culvert
	Regulator NE	Regulator N	NW Levee	W Levee
Parameter	Units	LOR		

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

Surrogates

d14-p-terphenyl (Surrogate)	%	-	110	130	120	70
2-fluorobiphenyl (Surrogate)	%	-	110	150	120	70
d5-nitrobenzene (Surrogate)	%	-	120	120	130	90

OP Pesticides in Water Method: AN400/AN420

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

Surrogates

d14-p-terphenyl (Surrogate)	%	-	110	130	120	70
d5-nitrobenzene (Surrogate)	%	-	110	150	120	70
2-fluorobiphenyl (Surrogate)	%	-	120	120	130	90

Other SVOC Analytes in Water Method: AN420

OPs

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



# ANALYTICAL REPORT

BE008706 R0

Parameter	Units	LOR	BE008706.001	BE008706.002	BE008706.003	BE008706.004
Sample Number			BE008706.001	BE008706.002	BE008706.003	BE008706.004
Sample Matrix			Water	Water	Water	Water
Sample Date			27 Mar 2014	27 Mar 2014	27 Mar 2014	27 Mar 2014
Sample Name			Y Site 20	Y Site 21	Y Site 22 Culvert	Y Site 23 Culvert
			Regulator NE	Regulator N	NW Levee	W Levee
			Levee	Levee		

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

Thionazin	µg/L	1	<1	<1	<1	<1

Sample Number	BE008706.005	BE008706.006
Sample Matrix	Water	Water
Sample Date	27 Mar 2014	27 Mar 2014
Sample Name	Y Site 24 Culvert W Levee	Y Site 25 Regulator S Levee

Parameter Units LOR  
pH in water Method: AN101

pH**	pH Units	0.1	7.5	7.5
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Conductivity and TDS by Calculation - Water Method: AN106

Conductivity @ 25 C	µS/cm	5	120	120
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Total and Volatile Suspended Solids (TSS / VSS) Method: AN114

Total Suspended Solids Dried at 103-105°C	mg/L	1	120	110
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TKN Kjeldahl Digestion by Discrete Analyser Method: AN281

Total Nitrogen (calc)	mg/L	0.05	1.3	1.4
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Total Phosphorus by Kjeldahl Digestion DA in Water Method: AN279/AN293

Total Phosphorus (Kjeldahl Digestion)	mg/L	0.01	0.60	0.68
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OC Pesticides in Water Method: AN400/AN420

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

Sample Number	BE008706.005	BE008706.006
Sample Matrix	Water	Water
Sample Date	27 Mar 2014	27 Mar 2014
Sample Name	Y Site 24 Culvert	Y Site 25
	W Levee	Regulator S
		Levee

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

Parameter	Units	LOR		
d14-p-terphenyl (Surrogate)	%	-	90	70
2-fluorobiphenyl (Surrogate)	%	-	100	80
d5-nitrobenzene (Surrogate)	%	-	110	90

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

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

Surrogates

d14-p-terphenyl (Surrogate)	%	-	90	70
d5-nitrobenzene (Surrogate)	%	-	100	80
2-fluorobiphenyl (Surrogate)	%	-	110	90

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

OPs

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



# ANALYTICAL REPORT

BE008706 R0

Sample Number	BE008706.005	BE008706.006
Sample Matrix	Water	Water
Sample Date	27 Mar 2014	27 Mar 2014
Sample Name	Y Site 24 Culvert	Y Site 25
	W Levee	Regulator S
		Levee

Parameter

Units

LOR

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

Thionazin	µg/L	1	<1	<1
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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	LB013732	µS/cm	5	<5	0 - 1%	97 - 100%

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

Parameter	QC Reference	Units	LOR	MB	LCS %Recovery
Alpha BHC	LB013711	µg/L	0.1	<0.1	
Hexachlorobenzene (HCB)	LB013711	µg/L	0.1	<0.1	
Beta BHC	LB013711	µg/L	0.1	<0.1	
Lindane (gamma BHC)	LB013711	µg/L	0.1	<0.1	82%
Delta BHC	LB013711	µg/L	0.1	<0.1	
Heptachlor	LB013711	µg/L	0.1	<0.1	70%
Aldrin	LB013711	µg/L	0.1	<0.1	83%
Heptachlor epoxide	LB013711	µg/L	0.1	<0.1	
Isodrin	LB013711	µg/L	0.1	<0.1	78%
Gamma Chlordane	LB013711	µg/L	0.1	<0.1	80%
Alpha Chlordane	LB013711	µg/L	0.1	<0.1	
Alpha Endosulfan	LB013711	µg/L	0.1	<0.1	
p,p'-DDE	LB013711	µg/L	0.1	<0.1	NA
Dieldrin	LB013711	µg/L	0.1	<0.1	81%
Endrin	LB013711	µg/L	0.1	<0.1	76%
Beta Endosulfan	LB013711	µg/L	0.1	<0.1	
p,p'-DDD	LB013711	µg/L	0.1	<0.1	
Endosulfan sulphate	LB013711	µg/L	0.1	<0.1	
p,p'-DDT	LB013711	µg/L	0.1	<0.1	
Endrin ketone	LB013711	µg/L	0.1	<0.1	
Methoxychlor	LB013711	µg/L	0.1	<0.1	
Mirex	LB013711	µg/L	0.1	<0.1	73%

Surrogates

Parameter	QC Reference	Units	LOR	MB	LCS %Recovery
d14-p-terphenyl (Surrogate)	LB013711	%	-	350%	110%
2-fluorobiphenyl (Surrogate)	LB013711	%	-	80%	110%
d5-nitrobenzene (Surrogate)	LB013711	%	-	400%	120%



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	LB013711	µg/L	1	<1	
Dimethoate	LB013711	µg/L	1	<1	
Diazinon (Dimpylale)	LB013711	µg/L	0.5	<0.5	33%
Fenitrothion	LB013711	µg/L	0.2	<0.2	
Malathion	LB013711	µg/L	0.2	<0.2	
Chlorpyrifos (Chlorpyrifos Ethyl)	LB013711	µg/L	0.2	<0.2	76%
Parathion-ethyl (Parathion)	LB013711	µg/L	0.2	<0.2	82%
Bromophos Ethyl	LB013711	µg/L	0.2	<0.2	
Methidathion	LB013711	µg/L	0.5	<0.5	75%
Ethion	LB013711	µg/L	0.2	<0.2	
Azinphos-methyl	LB013711	µg/L	0.2	<0.2	

Surrogates

Parameter	QC Reference	Units	LOR	MB	LCS %Recovery
d14-p-terphenyl (Surrogate)	LB013711	%	-	70%	110%
d5-nitrobenzene (Surrogate)	LB013711	%	-	80%	110%
2-fluorobiphenyl (Surrogate)	LB013711	%	-	80%	120%

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

OPs

Parameter	QC Reference	Units	LOR	MB
Carbophenothion	LB013711	µg/L	0.5	<0.5
Chlorpyrifos-methyl	LB013711	µg/L	0.5	<0.5
Dichlofenthion	LB013711	µg/L	0.5	<0.5
Dioxathion	LB013711	µg/L	2	<2
Famphur (Famophos)	LB013711	µg/L	0.5	<0.5
Fonophos	LB013711	µg/L	0.5	<0.5
Terbufos	LB013711	µg/L	0.5	<0.5

other SVOCs

Parameter	QC Reference	Units	LOR	MB
Thionazin	LB013711	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 the 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**	LB013732	pH Units	0.1	5.6 - 5.7	0 - 1%	100%

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	LB013730	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 $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$ @ 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
AN258	Nitrate and Nitrite by FIA: In an acidic medium, nitrate is reduced quantitatively to nitrite by cadmium metal. This nitrite plus any original nitrite is determined as an intense red-pink azo dye at 540 nm following diazotisation with sulphanilamide and subsequent coupling with N-(1-naphthyl) ethylenediamine dihydrochloride. Without the cadmium reduction only the original nitrite is determined. Reference APHA 4500-NO3- F.
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 Project Yarraman Discharge Event Monitoring

Job Number	Method Name	Analyte Name	Units	Reporting Limit	Result	Matrix	Water	Result	Water	Result	Water	Result	Water	Result
BE008706	pH in water	pH**		0.1	7.4			7.4		7.5		7.5		7.5
BE008706	Conductivity and TDS by Calcu.	Conductivity @ 25 C µS/cm		5	120			120		120		120		120
BE008706	Total and Volatile Suspended S.	Total Suspended So mg/L		1	120			110		120		120		110
BE008706	TKN Kjeldahl Digestion by Discr	Total Nitrogen (calc) mg/L		0.05	1.3			1.3		1.2		1.3		1.4
BE008706	Total Phosphorus by Kjeldahl DI	Total Phosphorus (K mg/L		0.01	0.63			0.61		0.62		0.60		0.68
BE008706	OC Pesticides in Water	Alpha BHC	µg/L		<0.1			<0.1		<0.1		<0.1		<0.1
BE008706	OC Pesticides in Water	Hexachlorobenzene	µg/L		<0.1			<0.1		<0.1		<0.1		<0.1
BE008706	OC Pesticides in Water	Beta BHC	µg/L		<0.1			<0.1		<0.1		<0.1		<0.1
BE008706	OC Pesticides in Water	Lindane (gamma BH	µg/L		<0.1			<0.1		<0.1		<0.1		<0.1
BE008706	OC Pesticides in Water	Delta BHC	µg/L		<0.1			<0.1		<0.1		<0.1		<0.1
BE008706	OC Pesticides in Water	Heptachlor	µg/L		<0.1			<0.1		<0.1		<0.1		<0.1
BE008706	OC Pesticides in Water	Aldrin	µg/L		<0.1			<0.1		<0.1		<0.1		<0.1
BE008706	OC Pesticides in Water	Heptachlor epoxide	µg/L		<0.1			<0.1		<0.1		<0.1		<0.1
BE008706	OC Pesticides in Water	Isodrin	µg/L		<0.1			<0.1		<0.1		<0.1		<0.1
BE008706	OC Pesticides in Water	Gamma Chlordane	µg/L		<0.1			<0.1		<0.1		<0.1		<0.1
BE008706	OC Pesticides in Water	Alpha Chlordane	µg/L		<0.1			<0.1		<0.1		<0.1		<0.1
BE008706	OC Pesticides in Water	Alpha Endosulfan	µg/L		<0.1			<0.1		<0.1		<0.1		<0.1
BE008706	OC Pesticides in Water	p,p'-DDE	µg/L		<0.1			<0.1		<0.1		<0.1		<0.1
BE008706	OC Pesticides in Water	Dieldrin	µg/L		<0.1			<0.1		<0.1		<0.1		<0.1
BE008706	OC Pesticides in Water	Beta Endosulfan	µg/L		<0.1			<0.1		<0.1		<0.1		<0.1
BE008706	OC Pesticides in Water	p,p'-DDD	µg/L		<0.1			<0.1		<0.1		<0.1		<0.1
BE008706	OC Pesticides in Water	Endosulfan sulphate	µg/L		<0.1			<0.1		<0.1		<0.1		<0.1
BE008706	OC Pesticides in Water	p,p'-DDT	µg/L		<0.1			<0.1		<0.1		<0.1		<0.1
BE008706	OC Pesticides in Water	Endrin ketone	µg/L		<0.1			<0.1		<0.1		<0.1		<0.1
BE008706	OC Pesticides in Water	Methoxychlor	µg/L		<0.1			<0.1		<0.1		<0.1		<0.1
BE008706	OC Pesticides in Water	Mirex	µg/L		<0.1			<0.1		<0.1		<0.1		<0.1
BE008706	OC Pesticides in Water	d14-p-terphenyl (Sur %		0	110			130		120		70		90
BE008706	OC Pesticides in Water	2-fluorobiphenyl (Su %		0	110			150		120		70		80
BE008706	OC Pesticides in Water	d5-nitrobenzene (Su %		0	120			120		130		90		90
BE008706	OP Pesticides in Water	Dichlorvos	µg/L		<1			<1		<1		<1		<1
BE008706	OP Pesticides in Water	Dimethoate	µg/L		<1			<1		<1		<1		<1
BE008706	OP Pesticides in Water	Diazinon (Dimpylate)	µg/L		<0.5			<0.5		<0.5		<0.5		<0.5
BE008706	OP Pesticides in Water	Fenitrothion	µg/L		<0.2			<0.2		<0.2		<0.2		<0.2
BE008706	OP Pesticides in Water	Malathion	µg/L		<0.2			<0.2		<0.2		<0.2		<0.2
BE008706	OP Pesticides in Water	Chlorpyrifos (Chlorp)	µg/L		<0.2			<0.2		<0.2		<0.2		<0.2
BE008706	OP Pesticides in Water	Parathion-ethyl (Par)	µg/L		<0.2			<0.2		<0.2		<0.2		<0.2
BE008706	OP Pesticides in Water	Bromophos Ethyl	µg/L		<0.2			<0.2		<0.2		<0.2		<0.2
BE008706	OP Pesticides in Water	Methidathion	µg/L		<0.5			<0.5		<0.5		<0.5		<0.5
BE008706	OP Pesticides in Water	Ethion	µg/L		<0.2			<0.2		<0.2		<0.2		<0.2
BE008706	OP Pesticides in Water	Azinphos-methyl	µg/L		<0.2			<0.2		<0.2		<0.2		<0.2
BE008706	OP Pesticides in Water	d14-p-terphenyl (Sur %		0	110			130		120		70		90
BE008706	OP Pesticides in Water	d5-nitrobenzene (Su %		0	110			150		120		70		80
BE008706	OP Pesticides in Water	2-fluorobiphenyl (Su %		0	120			120		130		90		90
BE008706	Other SVOC Analytes in Water	Carbophenothion	µg/L		<0.5			<0.5		<0.5		<0.5		<0.5
BE008706	Other SVOC Analytes in Water	Chlorpyrifos-methyl	µg/L		<0.5			<0.5		<0.5		<0.5		<0.5
BE008706	Other SVOC Analytes in Water	Dichlofenthion	µg/L		<0.5			<0.5		<0.5		<0.5		<0.5
BE008706	Other SVOC Analytes in Water	Dioxathion	µg/L		<2			<2		<2		<2		<2
BE008706	Other SVOC Analytes in Water	Famphos (Famophos	µg/L		<0.5			<0.5		<0.5		<0.5		<0.5
BE008706	Other SVOC Analytes in Water	Fenophos	µg/L		<0.5			<0.5		<0.5		<0.5		<0.5
BE008706	Other SVOC Analytes in Water	Terbufos	µg/L		<0.5			<0.5		<0.5		<0.5		<0.5
BE008706	Other SVOC Analytes in Water	Thionazin	µg/L		<1			<1		<1		<1		<1