

CLIENT DETAILS

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Project **Wathagar Discharge Even Monitoring**
 Order Number (Not specified)
 Samples 1

LABORATORY DETAILS

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 Laboratory SGS Alexandria Environmental
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 Alexandria NSW 2015

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SGS Reference **SE171287 R0**
 Date Received 12 Oct 2017
 Date Reported 19 Oct 2017

COMMENTS

Accredited for compliance with ISO/IEC 17025- Testing. NATA accredited laboratory 2562(4354).

SIGNATORIES



Dong Liang
 Metals/Inorganics Team Leader



Ly Kim Ha
 Organic Section Head

Sample Number	SE171287.001
Sample Matrix	Water
Sample Date	11 Oct 2017
Sample Name	W Site 13 Regulator NW Levee

OC Pesticides in Water Method: AN420 Tested: 13/10/2017

Parameter	Units	LOR	Level
Hexachlorobenzene (HCB)	µg/L	0.1	<0.1
Alpha BHC	µg/L	0.1	<0.1
Lindane (gamma BHC)	µg/L	0.1	<0.1
Heptachlor	µg/L	0.1	<0.1
Aldrin	µg/L	0.1	<0.1
Beta BHC	µg/L	0.1	<0.1
Delta BHC	µg/L	0.1	<0.1
Heptachlor epoxide	µg/L	0.1	<0.1
o,p'-DDE	µg/L	0.1	<0.1
Alpha Endosulfan	µg/L	0.1	<0.1
Gamma Chlordane	µg/L	0.1	<0.1
Alpha Chlordane	µg/L	0.1	<0.1
trans-Nonachlor	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
o,p'-DDD	µg/L	0.1	<0.1
o,p'-DDT	µg/L	0.1	<0.1
Beta Endosulfan	µg/L	0.1	<0.1
p,p'-DDD	µg/L	0.1	<0.1
p,p'-DDT	µg/L	0.1	<0.1
Endosulfan sulphate	µg/L	0.1	<0.1
Endrin aldehyde	µg/L	0.1	<0.1
Methoxychlor	µg/L	0.1	<0.1
Endrin ketone	µg/L	0.1	<0.1
Isodrin	µg/L	0.1	<0.1
Mirex	µg/L	0.1	<0.1

Surrogates

Tetrachloro-m-xylene (TCMX) (Surrogate)	%	-	41
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OP Pesticides in Water Method: AN420 Tested: 13/10/2017

Parameter	Units	LOR	Level
Dichlorvos	µg/L	0.5	<0.5
Dimethoate	µg/L	0.5	<0.5
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

Sample Number	SE171287.001	
Sample Matrix	Water	
Sample Date	11 Oct 2017	
Sample Name	W Site 13 Regulator NW Levee	
Parameter	Units	LOR

OP Pesticides in Water Method: AN420 Tested: 13/10/2017 (continued)

Surrogates

2-fluorobiphenyl (Surrogate)	%	-	46
d14-p-terphenyl (Surrogate)	%	-	68

pH in water Method: AN101 Tested: 13/10/2017

pH**	No unit	-	6.1
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Conductivity and TDS by Calculation - Water Method: AN106 Tested: 13/10/2017

Conductivity @ 25 C	µS/cm	2	71
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Anions by Ion Chromatography in Water Method: AN245 Tested: 13/10/2017

Nitrate Nitrogen, NO3-N	mg/L	0.005	1.1
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Nitrite in Water Method: AN277 Tested: 13/10/2017

Nitrite Nitrogen, NO2 as N	mg/L	0.005	0.15
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TKN Kjeldahl Digestion by Discrete Analyser Method: AN281/AN292(Sydney only) Tested: 19/10/2017

Total Kjeldahl Nitrogen	mg/L	0.05	1.5
Total Nitrogen (calc)	mg/L	0.05	2.7



ANALYTICAL REPORT

SE171287 R0

Sample Number	SE171287.001	
Sample Matrix	Water	
Sample Date	11 Oct 2017	
Sample Name	W Site 13	
Regulator NW	Levee	
Parameter	Units	LOR

Total Phosphorus by Kjeldahl Digestion DA in Water Method: AN279/AN293(Sydney only) Tested: 19/10/2017

Total Phosphorus (Kjeldahl Digestion)	mg/L	0.02	0.49
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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 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.

Anions by Ion Chromatography in Water Method: ME-(AU)-[ENV]AN245

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery	MS %Recovery
Nitrate Nitrogen, NO ₃ -N	LB134285	mg/L	0.005	<0.005	4%	98%	105%

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

Parameter	QC Reference	Units	LOR	MB	LCS %Recovery
Conductivity @ 25 C	LB134341	µS/cm	2	<2	104%

Nitrite in Water Method: ME-(AU)-[ENV]AN277

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery
Nitrite Nitrogen, NO ₂ as N	LB134298	mg/L	0.005	<0.005	0%	99%

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

Parameter	QC Reference	Units	LOR	MB	LCS %Recovery
Hexachlorobenzene (HCB)	LB134281	µg/L	0.1	<0.1	NA
Alpha BHC	LB134281	µg/L	0.1	<0.1	NA
Lindane (gamma BHC)	LB134281	µg/L	0.1	<0.1	NA
Heptachlor	LB134281	µg/L	0.1	<0.1	115%
Aldrin	LB134281	µg/L	0.1	<0.1	105%
Beta BHC	LB134281	µg/L	0.1	<0.1	NA
Delta BHC	LB134281	µg/L	0.1	<0.1	105%
Heptachlor epoxide	LB134281	µg/L	0.1	<0.1	NA
o,p'-DDE	LB134281	µg/L	0.1	<0.1	NA
Alpha Endosulfan	LB134281	µg/L	0.1	<0.1	NA
Gamma Chlordane	LB134281	µg/L	0.1	<0.1	NA
Alpha Chlordane	LB134281	µg/L	0.1	<0.1	NA
trans-Nonachlor	LB134281	µg/L	0.1	<0.1	NA
p,p'-DDE	LB134281	µg/L	0.1	<0.1	NA
Dieldrin	LB134281	µg/L	0.1	<0.1	110%
Endrin	LB134281	µg/L	0.1	<0.1	100%
o,p'-DDD	LB134281	µg/L	0.1	<0.1	NA
o,p'-DDT	LB134281	µg/L	0.1	<0.1	NA
Beta Endosulfan	LB134281	µg/L	0.1	<0.1	NA
p,p'-DDD	LB134281	µg/L	0.1	<0.1	NA
p,p'-DDT	LB134281	µg/L	0.1	<0.1	120%
Endosulfan sulphate	LB134281	µg/L	0.1	<0.1	NA
Endrin aldehyde	LB134281	µg/L	0.1	<0.1	NA
Methoxychlor	LB134281	µg/L	0.1	<0.1	NA
Endrin ketone	LB134281	µg/L	0.1	<0.1	NA
Isodrin	LB134281	µg/L	0.1	<0.1	NA
Mirex	LB134281	µg/L	0.1	<0.1	NA

Surrogates

Parameter	QC Reference	Units	LOR	MB	LCS %Recovery
Tetrachloro-m-xylene (TCMX) (Surrogate)	LB134281	%	-	60%	60%

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.

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

Parameter	QC Reference	Units	LOR	MB	LCS %Recovery
Dichlorvos	LB134281	µg/L	0.5	<0.5	68%
Dimethoate	LB134281	µg/L	0.5	<0.5	NA
Diazinon (Dimpylate)	LB134281	µg/L	0.5	<0.5	101%
Fenitrothion	LB134281	µg/L	0.2	<0.2	NA
Malathion	LB134281	µg/L	0.2	<0.2	NA
Chlorpyrifos (Chlorpyrifos Ethyl)	LB134281	µg/L	0.2	<0.2	66%
Parathion-ethyl (Parathion)	LB134281	µg/L	0.2	<0.2	NA
Bromophos Ethyl	LB134281	µg/L	0.2	<0.2	NA
Methidathion	LB134281	µg/L	0.5	<0.5	NA
Ethion	LB134281	µg/L	0.2	<0.2	70%
Azinphos-methyl	LB134281	µg/L	0.2	<0.2	NA

Surrogates

Parameter	QC Reference	Units	LOR	MB	LCS %Recovery
2-fluorobiphenyl (Surrogate)	LB134281	%	-	66%	62%
d14-p-terphenyl (Surrogate)	LB134281	%	-	70%	64%

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

Parameter	QC Reference	Units	LOR	DUP %RPD	LCS %Recovery
pH**	LB134341	No unit	-	0%	99%

TKN Kjeldahl Digestion by Discrete Analyser Method: ME-(AU)-[ENV]AN281/AN292(Sydney only)

Parameter	QC Reference	Units	LOR	DUP %RPD	MS %Recovery
Total Kjeldahl Nitrogen	LB134729	mg/L	0.05	8 - 15%	98 - 107%
Total Nitrogen (calc)	LB134729	mg/L	0.05	1 - 5%	NA

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.

Total Phosphorus by Kjeldahl Digestion DA in Water Method: ME-(AU)-[ENV]AN279/AN293(Sydney only)

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery
Total Phosphorus (Kjeldahl Digestion)	LB134729	mg/L	0.02	<0.02	0%	102 - 106%

METHOD

METHODOLOGY SUMMARY

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 2510 B.
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 ₂ , NO ₃ and SO ₄ 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(Sydney)	The sample is digested with Sulphuric acid, K ₂ SO ₄ and CuSO ₄ . 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 sulfuric acid, K ₂ SO ₄ and CuSO ₄ . 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.
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
*	NATA accreditation does not cover the performance of this service.	QFH	QC result is above the upper tolerance
**	Indicative data, theoretical holding time exceeded.	QFL	QC result is below the lower tolerance
		-	The sample was not analysed for this analyte
		NVL	Not Validated

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

Where "Total" analyte groups are reported (for example, Total PAHs, Total OC Pesticides) the total will be calculated as the sum of the individual analytes, with those analytes that are reported as <LOR being assumed to be zero. The summed (Total) limit of reporting is calculated by summing the individual analyte LORs and dividing by two. For example, where 16 individual analytes are being summed and each has an LOR of 0.1 mg/kg, the "Totals" LOR will be 1.6 / 2 (0.8 mg/kg). Where only 2 analytes are being summed, the "Total" LOR will be the sum of those two LORs.

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

If reported, measurement uncertainty follow the ± sign after the analytical result and is expressed as the expanded uncertainty calculated using a coverage factor of 2, providing a level of confidence of approximately 95%, unless stated otherwise in the comments section of this report.

Results reported for samples tested under test methods with codes starting with ARS-SOP, radionuclide or gross radioactivity concentrations are expressed in becquerel (Bq) per unit of mass or volume or per wipe as stated on the report. Becquerel is the SI unit for activity and equals one nuclear transformation per second.

Note that in terms of units of radioactivity:

- a. 1 Bq is equivalent to 27 pCi
- b. 37 MBq is equivalent to 1 mCi

For results reported for samples tested under test methods with codes starting with ARS-SOP, less than (<) values indicate the detection limit for each radionuclide or parameter for the measurement system used. The respective detection limits have been calculated in accordance with ISO 11929.

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/~media/Local/Australia/Documents/Technical%20Documents/MP-AU-ENV-QU-022%20QA%20QC%20Plan.pdf>

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SAMPLE RECEIPT ADVICE

SE171287

CLIENT DETAILS

Contact John Fox
Client NAMOI COTTON CO-OPERATIVE LTD
Address PO BOX 1333
TOOWOOMBA QLD 4350

Telephone 0429 903 079
Facsimile 61 7 46316184
Email jfox@namoicotton.com.au

Project **Wathagar Discharge Even Monitoring**
Order Number (Not specified)
Samples 1

LABORATORY DETAILS

Manager Huong Crawford
Laboratory SGS Alexandria Environmental
Address Unit 16, 33 Maddox St
Alexandria NSW 2015

Telephone +61 2 8594 0400
Facsimile +61 2 8594 0499
Email au.environmental.sydney@sgs.com

Samples Received Thu 12/10/2017
Report Due Wed 18/10/2017
SGS Reference **SE171287**

SUBMISSION DETAILS

This is to confirm that 1 sample was received on Thursday 12/10/2017. Results are expected to be ready by COB Wednesday 18/10/2017. Please quote SGS reference SE171287 when making enquiries. Refer below for details relating to sample integrity upon receipt.

Samples clearly labelled	Yes	Complete documentation received	Yes
Sample container provider	SGS	Sample cooling method	Ice Bricks
Samples received in correct containers	Yes	Sample counts by matrix	1 Water
Date documentation received	12/10/2017	Type of documentation received	COC
Samples received in good order	Yes	Samples received without headspace	Yes
Sample temperature upon receipt	13.5°C	Sufficient sample for analysis	Yes
Turnaround time requested	Standard		

Unless otherwise instructed, water and bulk samples will be held for one month from date of report, and soil samples will be held for two months.

COMMENTS

This document is issued by the Company under its General Conditions of Service accessible at www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

CLIENT DETAILS

Client **NAMOI COTTON CO-OPERATIVE LTD**

Project **Wathagar Discharge Even Monitoring**

SUMMARY OF ANALYSIS

No.	Sample ID	Anions by Ion Chromatography in Water	Conductivity and TDS by Calculation - Water	Nitrite in Water	OC Pesticides in Water	OP Pesticides in Water	pH in water	TKN Kjeldahl Digestion by Discrete Analyser	Total Phosphorus by Kjeldahl Digestion DA in
001	W Site 13 Regulator NW Levee	1	1	1	28	13	1	2	1

The above table represents SGS' interpretation of the client-supplied Chain Of Custody document. The numbers shown in the table indicate the number of results requested in each package. Please indicate as soon as possible should your request differ from these details. Testing as per this table shall commence immediately unless the client intervenes with a correction.



SGS Environmental Services
 59 Bancroft Road
 Pinkenba. QLD. 4008
 Phone: 3622 4700
 ATTN: SAMPLE RECEIPT
 Email:
 AU.Environmental.Brisbane@sgs.com

CHAIN OF CUSTODY & ANALYSIS REQUEST

Lab ID Number: _____ (please quote on all correspondence)

Company Name:	Namoi Cotton - Wathagar	Project Name/No:	Wathagar Discharge Even Monitoring	
Address:	Wathagar Ginning Company	Purchase Order No:		
	GWYDIR HIGHWAY	Results Required Date:		
	MOREE NSW 2400	Telephone:	02 6752 5200	Fax: 02 6752 5171
Contact Name:	Mike Murray	Email Results to:	avanderstok@namoicotton.com.au, jfox@namoicotton.com.au, mmurray@namoicotton.com.au	
Laboratory Quotation No:		Email Invoice to:	_____@_____	

SGS ID	Client Sample ID	Sampling Date/Time <i>(field record sheet number)</i>	Tick as Appropriate			PRESERVATIVE	NO. OF ITEMS	ANALYSIS REQUESTED. SPECIFY & TICK AS APPROPRIATE					REPORT FORMAT <i>(Tick as appropriate)</i>		
			Solid Sample	Liquid Sample	Gas/Air Sample			OC/OP's	Ec/Ph	Total Suspended Solids	Total Nitrogen	Total Phosphorous	Excel	PDF	Notes/Guidelines/LOR/ Special instructions
.001	W Site 13 Regulator NW Levee			X				X	X	X	X	X			

SGS EHS Alexandria Laboratory

SE171287 COC
 Received: 12 - Oct - 2017

Relinquished By:	Date/Time:	Received By: <i>[Signature]</i>	Date/Time: 11/10/17
Relinquished By:	Date/Time:	Received By: <i>[Signature]</i>	Date/Time: 12/10/17 @ 90.10
Samples Intact: Yes / No	Temperature: Ambient / Chilled / NA	Sample Security Sealed: Yes / No	Quarantine: Yes / No
Comments / Subcontracting details: i.e. samples subcontracted to SGS Sydney due to TAT requested			Hazards: e.g. may contain Asbestos

Chain of Custody

S-1004-017
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Wathagar Discharge Event Monitoring

	W Site 13 Regulator NW Levee		Total
	01		
ion [GC02X.XX]	X		1
mphur [GC02X.XX]	X		1
nitrothion [GC02X.XX]	X		1
nofos (Dyfonate) [GC02X.XX]	X		1
mma-BHC (Lindane) [GC02X.XX]	X		1
ptachlor [GC02X.XX]	X		1
ptachlor Epoxide [GC02X.XX]	X		1
axachlorobenzene [GC020.63]	X		1
ethoxychlor [GC02X.XX]	X		1
p-DDD [GC02X.XX]	X		1
p-DDE [GC02X.XX]	X		1
p-DDT [GC02X.XX]	X		1
H Value @ 25°C [WP090.]	X		1
uspended Solids [WP100.X]	X		1
erbufos [GC02X.XX]	X		1
hionazin (Zinophos) [GC02X.XX]	X		1
otal Nitrogen as N [WC250.65_WC270.312]	X		1
otal Phosphorus as P [WC250.65_WC270.312]	X		1
ans-Chlordane [GC02X.XX]	X		1
otal	34		34

Project Wathaqar Discharge Even Monitoring

Sample Name SE171287.001
 Description W Site 13 Regulator NW Levee
 Sample Date 11/10/2017
 Matrix Water

Job Number	Method Name	Analyte Name	Units	Reporting Limit	Result
SE171287	OC Pesticides in Water	Hexachlorobenzene (HCB)	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	Alpha BHC	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	Lindane (gamma BHC)	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	Heptachlor	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	Aldrin	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	Beta BHC	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	Delta BHC	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	Heptachlor epoxide	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	o,p'-DDE	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	Alpha Endosulfan	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	Gamma Chlordane	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	Alpha Chlordane	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	trans-Nonachlor	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	p,p'-DDE	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	Dieldrin	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	Endrin	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	o,p'-DDD	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	o,p'-DDT	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	Beta Endosulfan	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	p,p'-DDD	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	p,p'-DDT	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	Endosulfan sulphate	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	Endrin aldehyde	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	Methoxychlor	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	Endrin ketone	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	Isodrin	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	Mirex	µg/L	0.1 <0.1	
SE171287	OC Pesticides in Water	Tetrachloro-m-xylene (TCMX) (Surrogate)	%	0	41
SE171287	OP Pesticides in Water	Dichlorvos	µg/L	0.5 <0.5	
SE171287	OP Pesticides in Water	Dimethoate	µg/L	0.5 <0.5	
SE171287	OP Pesticides in Water	Diazinon (Dimpylate)	µg/L	0.5 <0.5	
SE171287	OP Pesticides in Water	Fenitrothion	µg/L	0.2 <0.2	
SE171287	OP Pesticides in Water	Malathion	µg/L	0.2 <0.2	
SE171287	OP Pesticides in Water	Chlorpyrifos (Chlorpyrifos Ethyl)	µg/L	0.2 <0.2	
SE171287	OP Pesticides in Water	Parathion-ethyl (Parathion)	µg/L	0.2 <0.2	
SE171287	OP Pesticides in Water	Bromophos Ethyl	µg/L	0.2 <0.2	
SE171287	OP Pesticides in Water	Methodathion	µg/L	0.5 <0.5	
SE171287	OP Pesticides in Water	Ethion	µg/L	0.2 <0.2	
SE171287	OP Pesticides in Water	Azinphos-methyl	µg/L	0.2 <0.2	
SE171287	OP Pesticides in Water	2-fluorobiphenyl (Surrogate)	%	0	46
SE171287	OP Pesticides in Water	d14-p-terphenyl (Surrogate)	%	0	68
SE171287	pH in water	pH**	No unit	0	6.1
SE171287	Conductivity and TDS by Calculation - Water	Conductivity @ 25 C	µS/cm	2	71
SE171287	Anions by Ion Chromatography in Water	Nitrate Nitrogen, NO3-N	mg/L	0.005	1.1
SE171287	Nitrite in Water	Nitrite Nitrogen, NO2 as N	mg/L	0.005	0.15
SE171287	TKN Kjeldahl Digestion by Discrete Analyser	Total Kjeldahl Nitrogen	mg/L	0.05	1.5
SE171287	TKN Kjeldahl Digestion by Discrete Analyser	Total Nitrogen (calc)	mg/L	0.05	2.7
SE171287	Total Phosphorus by Kjeldahl Digestion DA in Water	Total Phosphorus (Kjeldahl Digestion)	mg/L	0.02	0.49