

# Test Report

Report Number: 062825

Report Date: 03.04.06  
Project Number: 12170626/001  
Client: Gallagher Estates Limited  
Site Address: Northstowe New Town, Longstanton, Cambridgeshire  
Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF  
Date of sampling: 01.03.06  
Date of Analysis: 09.03.06 - 03.04.06

Dear Julian Carr,

Please find attached your results for the above project.

This report includes the results for the 16 water samples we received on 02 - 07.03.06.

Results Checked by:

**Reg. 13(1)**

Results Authorised by:

**Reg. 13(1)**

Page 1 of 21

**Reg. 13(1)** Joint Laboratory Manager

**Reg. 13(1)** Joint Laboratory Manager

**Reg. 13(1)** Laboratory Quality Manager

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Unaccredited Tests are marked with an asterisk (\*), MCERTS accredited tests are marked <sup>M</sup>  
all other tests are UKAS accredited. Underlined results have changed from default accreditation  
to UKAS only. results in *italics* have been changed from default accreditation to unaccredited.  
Information supplied by e-mail may be subject to error, for authoritative results refer to hard copy.  
Water soluble sulphate (2.1) results can be converted to g/l by dividing mg/kg result by 2000.  
IS = insufficient sample, A/C = analysts comment, see appendix, (wet) = analysed as received.  
Any opinions or interpretations indicated are outside the scope of our UKAS accreditation.  
Chemical Analysis is undertaken in accordance with in house technical procedures and is  
subject to quality control procedures.

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WSP Environmental, Unit 5, Centurion Business Centre, Dabell Av.  
Hlenheim Industrial Est, Bulwell, Notts. NG6 8WA



## WSP Environmental Limited

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Registration number

WSP Group plc  
Offices worldwide

# Certificate of Analysis

Sample Matrix: water

Report No 062625  
 Project No 11170626/001  
 Client Gallagher Estates Limited  
 Site Address Northstowe New Town Longstanton Cambridgeshire  
 Postal Address Gallagher House Gallagher Way Gallagher Business Park Warwick CV34 6AF  
 Date of sampling 01/03/06  
 Date of receipt 02/07/03/06

Analyte	Method No	Units	Sample Ref	WC1584	WC1585	WC1586	WC1587	WC1588	WC1589	WC1590	WC1591	WC1592	WC1593	WC1594	WC1595	WC1596	WC1597	WC1598
			Sample Depth (m)	BHB1	BHB13	BHB18	BHB19A	BHB22	BHDB24A	BHB25	BHB27	BHB29	BHB32	BHB36	BHB42	BHB45	BHB50	BHB55
Arsenic	303	ug/l		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Cadmium	303	ug/l		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chromium	303	ug/l		<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6
Copper	303	ug/l		27	25	27	<5	<5	<5	13	17	14	13	22	25	26	<5	27
Nickel	303	ug/l		9.1	20	7.9	<5	<5	<5	8.8	8.3	7.0	<5	<5	14	6.2	16	
Lead	303	ug/l		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Zinc	303	ug/l		<7	10	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7
Barium	303	ug/l		59	57	55	28	37	52	58	49	87	64	46	61	62	58	80
Beryllium	303	ug/l		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vanadium	303	ug/l		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	11	<10	<10
Mercury	307	ug/l		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Selenium	305	ug/l		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Boron	314	ug/l		1860	634	683	64	84	60	196	160	146	307	455	669	480	59	533
Cyanide	301	ug/l		<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	455	669	480	59	533
pH	312	pH units		7.7	7.5	7.6	7.8	7.7	7.7	8.2	8.0	7.8	7.9	7.8	8.0	7.5	7.6	7.5
sulphate	316	mg/l		1870	1390	1740	69	45	23	596	898	328	468	637	1730	1400	107	2190
Chloride	320	mg/l		1760	204	250	<100	<100	<100	<100	<100	124	<100	148	328	<100	<100	995
Ammonium	323	mg/l		<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
Nitrite	327	mg/l		0.11	<0.05	0.29	<0.05	0.069	0.057	0.073	<0.05	<0.05	0.097	<0.05	<0.05	0.37	0.15	<0.05
Nitrate	326	mg/l		<1	<1	<1	2.9	<1	<1	<1	<1	<1	<1	<1	<1	4.0	1.0	<1

## Certificate of Analysis

Sample Matrix: water

Report No: 063824  
 Project No: 12170626/001  
 Client: Gallagher Estates Limited  
 Site Address: Northstowe New Town Longstanton Cambridgeshire  
 Postal Address: Gallagher House Gallagher Way Gallagher Business Park Warwick CV34 6AF  
 Date of sampling: 01/03/06  
 Date of receipt: 02/07/03/06

Analyte	Method No	Units	Sample Ref	WC1599
			Sample	BHB56
			Depth (m)	
Arsenic	303	ug/l		<10
Cadmium	303	ug/l		<5
Chromium	303	ug/l		<6
Copper	303	ug/l		29
Nickel	303	ug/l		18
Lead	303	ug/l		<10
Zinc	303	ug/l		18
Barium	303	ug/l		52
Beryllium	303	ug/l		<5
Vanadium	303	ug/l		<10
Mercury	307	ug/l		<0.2
Selenium	305	ug/l		<5
Boron	314	ug/l		345
Cyanide	301	ug/l		<40
pH	312	pH units		7.4
sulphate	316	mg/l		2240
Chloride	320	mg/l		531
Ammonium	323	mg/l		1.3
Nitrite	327	mg/l		0.12
Nitrate	326	mg/l		<1

# Speciated TPH Certificate of Analysis

Sample Matrix: water

Report No.: 062825  
 Project No.: 12170626/001  
 Client: Gallagher Estates Limited  
 Site Address: Northstowe New Town, Longstanton, Cambridgeshire  
 Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick CV34 6AF  
 Date of sampling: 01.03.06  
 Date of receipt: 02-07.03.06

Analyte	Method No.	Units	Sample Ref.	WC1584	WC1585	WC1586	WC1587	WC1588	WC1589	WC1590	WC1591	WC1592	WC1593	WC1594	WC1595	WC1596	WC1597	WC1598
			Sample	BHB1	BHB13	BHB18	BHB19A	BHB22	BHDB24A	BHB25	BHB27	BHB29	BHB32	BHB36	BHB42	BHB45	BHB50	BHB55
			Depth (m)															
* C8-C16	319	ug/l		<100	209	217	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
* C16-C24	319	ug/l		<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
* C24-C40	319	ug/l		<100	<100	221	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
* Total TPH (C8-C40)	319	ug/l		<100	251	438	<100	<100	<100	126	215	<100	<100	104	<100	<100	<100	<100

# Speciated TPH Certificate of Analysis

Sample Matrix: water

Report No.: 062825  
 Project No.: 12170626/001  
 Client: Gallagher Estates Limited  
 Site Address: Northstowe New Town, Longstanton, Cambridgeshire  
 Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF  
 Date of sampling: 01.03.06  
 Date of receipt: 02-07.03.06

Analyte	Method No.	Units	Sample Ref. WC1599	Sample BHB56	Depth (m)
* C8-C16	319	ug/l			<100
* C16-C24	319	ug/l			<100
* C24-C40	319	ug/l			168
* Total TPH (C8-C40)	319	ug/l			230

# VOC Certificate

Sample Matrix: water

Report No 062825

Project No 12170626/001

Client Gallagher Estates Limited

Site Address Northstowe New Town, Longstanton, Cambridgeshire

Postal Address Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference WC1584

Sample BHB1

Depth (m)

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

Compound	ug/kg	Compound	ug/kg
Chloromethane	<5	Tetrachloroethene	<1
Dichlorodifluoromethane	<1	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<5	Ethylbenzene	<1
Chloroethane	<1	o-Xylene	<1
Trichlorofluoromethane	<1	Styrene	<1
MTBE	<1	Bromoform	<5
1,1-Dichloroethene	<1	m/p-Xylene	<1
Trans-1,2-Dichloroethene	<1	1,1,2,2-Tetrachloroethane	<5
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<5
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<10	Bromobenzene	<1
Chloroform	<5	n-Propylbenzene	<1
Bromochloromethane	<5	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
Trichloroethene	<1	1,4-Dichlorobenzene	<1
1,2-Dichloropropane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<5	n-Butylbenzene	<5
Toluene	<1	1,2-Dibromo-3-chloropropane	<5
1,1,2-Trichloroethane	<1	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<5
Dibromochloromethane	<5	Hexachlorobutadiene	<10
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Report No 062825

Project No 12170626/001

Client: Gallagher Estates Limited

Site Address Northstowe New Town, Longstanton, Cambridgeshire

Postal Address Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference WVC1585

Sample BHB13

Depth (m)

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

Compound	ug/kg	Compound	ug/kg
Chloromethane	<5	Tetrachloroethene	<1
Dichlorodifluoromethane	<1	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<5	Ethylbenzene	<1
Chloroethane	<1	o-Xylene	<1
Trichlorofluoromethane	<1	Styrene	<1
MTBE	<1	Bromoform	<5
1,1-Dichloroethene	<1	m/p-Xylene	<1
Trans-1,2-Dichloroethene	<1	1,1,2,2-Tetrachloroethane	<5
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<5
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<10	Bromobenzene	<1
Chloroform	<5	n-Propylbenzene	<1
Bromochloromethane	<5	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
Trichloroethene	<1	1,4-Dichlorobenzene	<1
1,2-Dichloropropane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<5	n-Butylbenzene	<5
Toluene	<1	1,2-Dibromo-3-chloropropane	P
1,1,2-Trichloroethane	<1	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<5
Dibromochloromethane	<5	Hexachlorobutadiene	<10
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix water

Report No 062825

Project No 12170626/001

Client Gallagher Estates Limited

Site Address Northstowe New Town, Longstanton, Cambridgeshire

Postal Address Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference WC1586

Sample BHB18

Depth (m)

Date of sampling: 01 03 06

Date of receipt: 02-07 03.06

Compound	ug/kg	Compound	ug/kg
Chloromethane	<5	Tetrachloroethene	<1
Dichlorodifluoromethane	<1	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<5	Ethylbenzene	<1
Chloroethane	<1	o-Xylene	<1
Trichlorofluoromethane	<1	Styrene	<1
MTBE	<1	Bromoform	<5
1,1-Dichloroethene	<1	m/p-Xylene	<1
Trans-1,2-Dichloroethene	<1	1,1,2,2-Tetrachloroethane	<5
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<5
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<10	Bromobenzene	<1
Chloroform	<5	n-Propylbenzene	<1
Bromochloromethane	<5	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropane	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
Trichloroethene	<1	1,4-Dichlorobenzene	<1
1,2-Dichloropropane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<5	n-Butylbenzene	<5
Toluene	<1	1,2-Dibromo-3-chloropropane	<5
1,1,2-Trichloroethane	<1	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<5
Dibromochloromethane	<5	Hexachlorobutadiene	<10
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1



# VOC Certificate

Sample Matrix: water

Report No 062825

Project No 12170626/001

Client Gallagher Estates Limited

Site Address Northstowe New Town, Longstanton, Cambridgeshire

Postal Address Gailagher House, Gallagher Way Gallagher Business Park, Warwick, CV34 6AF

Sample reference WC1587

Sample BHB19A

Depth (m)

Date of sampling: 01.03.06

Date of receipt: 02-07 03.06

Compound	ug/kg	Compound	ug/kg
Chloromethane	<5	Tetrachloroethene	<1
Dichlorodifluoromethane	<1	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<5	Ethylbenzene	<1
Chloroethane	<1	o-Xylene	<1
Trichlorofluoromethane	<1	Styrene	<1
MTBE	<1	Bromoform	<5
1,1-Dichloroethene	<1	m/p-Xylene	<1
Trans-1,2-Dichloroethene	<1	1,1,2,2-Tetrachloroethane	<5
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<5
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<10	Bromobenzene	<1
Chloroform	<5	n-Propylbenzene	<1
Bromochloromethane	<5	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
Trichloroethene	<1	1,4-Dichlorobenzene	<1
1,2-Dichloropropane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<5	n-Butylbenzene	<5
Toluene	<1	1,2-Dibromo-3-chloropropane	<5
1,1,2-Trichloroethane	<1	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<5
Dibromochloromethane	<5	Hexachlorobutadiene	<10
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Report No 062825

Project No 12170626/001

Client Gallagher Estates Limited

Site Address Northstowe New Town, Longstanton, Cambridgeshire

Postal Address Gallagher House, Gallagher Way, Gallagher Business Park, Warwick CV34 6AF

Sample reference WVC1588

Sample RHB22

Depth (m)

Date of sampling 01.03.06

Date of receipt 02-07.03.06

Compound	ug/kg	Compound	ug/kg
Chloromethane	<5	Tetrachloroethene	<1
Dichlorodifluoromethane	<1	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<5	Ethylbenzene	<1
Chloroethane	<1	o-Xylene	<1
Trichlorofluoromethane	<1	Styrene	<1
MTBE	<1	Bromoform	<5
1,1-Dichloroethene	<1	m/p-Xylene	<1
Trans-1,2-Dichloroethene	<1	1,1,2,2-Tetrachloroethane	<5
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<5
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<10	Bromobenzene	<1
Chloroform	<5	n-Propylbenzene	<1
Bromochloromethane	<5	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
Trichloroethene	<1	1,4-Dichlorobenzene	<1
1,2-Dichloropropane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<5	n-Butylbenzene	<5
Toluene	<1	1,2-Dibromo-3-chloropropane	<5
1,1,2-Trichloroethane	<1	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<5
Dibromochloromethane	<5	Hexachlorobutadiene	<10
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Report No 062825

Project No 12170626/001

Client Gallagher Estates Limited

Site Address Northstowe New Town, Longstanton, Cambridgeshire

Postal Address Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference WC1589

Sample BHDB24A

Depth (m)

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

Compound	ug/kg	Compound	ug/kg
Chloromethane	<5	Tetrachloroethene	<1
Dichlorodifluoromethane	<1	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<5	Ethylbenzene	<1
Chloroethane	<1	o-Xylene	<1
Trichlorofluoromethane	<1	Styrene	<1
MTBE	<1	Bromoform	<5
1,1-Dichloroethene	<1	m/p-Xylene	<1
Trans-1,2-Dichloroethene	<1	1,1,2,2-Tetrachloroethane	<5
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<5
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<10	Bromobenzene	<1
Chloroform	<5	n-Propylbenzene	<1
Bromochloromethane	<5	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
Trichloroethene	<1	1,4-Dichlorobenzene	<1
1,2-Dichloropropane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<5	n-Butylbenzene	<5
Toluene	<1	1,2-Dibromo-3-chloropropane	<5
1,1,2-Trichloroethane	<1	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<5
Dibromochloromethane	<5	Hexachlorobutadiene	<10
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Report No 062825

Project No 12170626/001

Client Gallagher Estates Limited

Site Address Northstowe New Town, Longstanton, Cambridgeshire

Postal Address Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference WC1590

Sample BHB25

Depth (m)

Date of sampling: 01.03.06

Date of receipt 02-07 03.06

Compound	ug/kg	Compound	ug/kg
Chloromethane	<5	Tetrachloroethene	<1
Dichlorodifluoromethane	<1	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<5	Ethylbenzene	<1
Chloroethane	<1	o-Xylene	<1
Trichlorofluoromethane	<1	Styrene	<1
MTBE	<1	Bromoform	<5
1,1-Dichloroethene	<1	m/p-Xylene	<1
Trans-1,2-Dichloroethene	<1	1,1,2,2-Tetrachloroethane	<5
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<5
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<10	Bromobenzene	<1
Chloroform	<5	n-Propylbenzene	<1
Bromochloromethane	<5	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropane	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
Trichloroethene	<1	1,4-Dichlorobenzene	<1
1,2-Dichloropropane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<5	n-Butylbenzene	<5
Toluene	<1	1,2-Dibromo-3-chloropropane	<5
1,1,2-Trichloroethane	<1	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<5
Dibromochloromethane	<5	Hexachlorobutadiene	<10
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix water

Report No 062825

Project No 12170626/001

Client Gallagher Estates Limited

Site Address Northstowe New Town, Longstanton, Cambridgeshire

Postal Address Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference WC1591

Sample BHB27

Depth (m)

Date of sampling: 01.03.06

Date of receipt: 02-07 03.06

Compound	ug/kg	Compound	ug/kg
Chloromethane	<5	Tetrachloroethene	<1
Dichlorodifluoromethane	<1	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<5	Ethylbenzene	<1
Chloroethane	<1	o-Xylene	<1
Trichlorofluoromethane	<1	Styrene	<1
MTBE	<1	Bromoform	<5
1,1-Dichloroethene	<1	m/p-Xylene	<1
Trans-1,2-Dichloroethene	<1	1,1,2,2-Tetrachloroethane	<5
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<5
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<10	Bromobenzene	<1
Chloroform	<5	n-Propylbenzene	<1
Bromochloromethane	<5	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
Trichloroethene	<1	1,4-Dichlorobenzene	<1
1,2-Dichloropropane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<5	n-Butylbenzene	<5
Toluene	<1	1,2-Dibromo-3-chloropropane	<5
1,1,2-Trichloroethane	<1	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<5
Dibromochloromethane	<5	Hexachlorobutadiene	<10
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Report No 062825

Project No 12170626/001

Client Gallagher Estates Limited

Site Address Northstowe New Town, Longstanton, Cambridgeshire

Postal Address Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference WC1592

Sample BHB29

Depth (m)

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

Compound	ug/kg	Compound	ug/kg
Chloromethane	<5	Tetrachloroethene	<1
Dichlorodifluoromethane	<1	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<5	Ethylbenzene	<1
Chloroethane	<1	o-Xylene	<1
Trichlorofluoromethane	<1	Styrene	<1
MTBE	<1	Bromoform	<5
1,1-Dichloroethene	<1	m/p-Xylene	<1
Trans-1,2-Dichloroethene	<1	1,1,2,2-Tetrachloroethane	<5
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<5
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<10	Bromobenzene	<1
Chloroform	<5	n-Propylbenzene	<1
Bromochloromethane	<5	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
Trichloroethene	<1	1,4-Dichlorobenzene	<1
1,2-Dichloropropane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<5	n-Butylbenzene	<5
Toluene	<1	1,2-Dibromo-3-chloropropane	<5
1,1,2-Trichloroethane	<1	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<5
Dibromochloromethane	<5	Hexachlorobutadiene	<10
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix water

Report No: 062825

Project No: 12170626/001

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick CV34 6AF

Sample reference: WC1593  
Sample: BHB32  
Depth (m):

Date of sampling: 01/03/06  
Date of receipt: 02/07/03/06

Compound	ug/kg	Compound	ug/kg
Chloromethane	<5	Tetrachloroethene	<1
Dichlorodifluoromethane	<1	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<5	Ethylbenzene	<1
Chloroethane	<1	o-Xylene	<1
Trichlorofluoromethane	<1	Styrene	<1
MTBE	<1	Bromoform	<5
1,1-Dichloroethene	<1	m/p-Xylene	<1
Trans-1,2-Dichloroethene	<1	1,1,2,2-Tetrachloroethane	<5
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<5
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<10	Bromobenzene	<1
Chloroform	<5	n-Propylbenzene	<1
Bromochloromethane	<5	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
Trichloroethene	<1	1,4-Dichlorobenzene	<1
1,2-Dichloropropane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<5	n-Butylbenzene	<5
Toluene	<1	1,2-Dibromo-3-chloropropane	<5
1,1,2-Trichloroethane	<1	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<5
Dibromochloromethane	<5	Hexachlorobutadiene	<10
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Report No: 062825

Project No: 12170626/001

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference: WC1594

Sample: BHB36

Depth (m):

Date of sampling: 01.03.06

Date of receipt: 02-07 03 06

Compound	ug/kg	Compound	ug/kg
Chloromethane	<5	Tetrachloroethene	<1
Dichlorodifluoromethane	<1	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<5	Ethylbenzene	<1
Chloroethane	<1	o-Xylene	<1
Trichlorofluoromethane	<1	Styrene	<1
MTBE	<1	Bromoform	<5
1,1-Dichloroethene	<1	m/p-Xylene	<1
Trans-1,2-Dichloroethene	<1	1,1,2,2-Tetrachloroethane	<5
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<5
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<10	Bromobenzene	<1
Chloroform	<5	n-Propylbenzene	<1
Bromochloromethane	<5	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
Trichloroethene	<1	1,4-Dichlorobenzene	<1
1,2-Dichloropropane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<5	n-Butylbenzene	<5
Toluene	<1	1,2-Dibromo-3-chloropropane	<5
1,1,2-Trichloroethane	<1	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<5
Dibromochloromethane	<5	Hexachlorobutadiene	<10
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1



# VOC Certificate

Sample Matrix: water

Report No 062825

Project No 12170626/001

Client Gallagher Estates Limited

Site Address Northstowe New Town, Longstanton, Cambridgeshire

Postal Address Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference WC1595

Sample BHB42

Depth (m)

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

Compound	ug/kg	Compound	ug/kg
Chloromethane	<5	Tetrachloroethene	<1
Dichlorodifluoromethane	<1	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<5	Ethylbenzene	<1
Chloroethane	<1	o-Xylene	<1
Trichlorofluoromethane	<1	Styrene	<1
MTBE	<1	Bromoform	<5
1,1-Dichloroethene	<1	m/p-Xylene	<1
Trans-1,2-Dichloroethene	<1	1,1,2,2-Tetrachloroethane	<5
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<5
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<10	Bromobenzene	<1
Chloroform	<5	n-Propylbenzene	<1
Bromochloromethane	<5	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
Trichloroethene	<1	1,4-Dichlorobenzene	<1
1,2-Dichloropropane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<5	n-Butylbenzene	<5
Toluene	<1	1,2-Dibromo-3-chloropropane	<5
1,1,2-Trichloroethane	<1	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<5
Dibromochloromethane	<5	Hexachlorobutadiene	<10
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Report No 062825

Project No 12170626/001

Client Gallagher Estates Limited

Site Address Northstowe New Town, Longstanton, Cambridgeshire

Postal Address Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference WC1596

Sample BHB45

Depth (m)

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

Compound	ug/kg	Compound	ug/kg
Chloromethane	<5	Tetrachloroethene	<1
Dichlorodifluoromethane	<1	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<5	Ethylbenzene	<1
Chloroethane	<1	o-Xylene	<1
Trichlorofluoromethane	<1	Styrene	<1
MTBE	<1	Bromoform	<5
1,1-Dichloroethene	<1	m/p-Xylene	<1
Trans-1,2-Dichloroethene	<1	1,1,2,2-Tetrachloroethane	<5
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<5
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<10	Bromobenzene	<1
Chloroform	<5	n-Propylbenzene	<1
Bromochloromethane	<5	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
Trichloroethene	<1	1,4-Dichlorobenzene	<1
1,2-Dichloropropane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<5	n-Butylbenzene	<5
Toluene	<1	1,2-Dibromo-3-chloropropane	<5
1,1,2-Trichloroethane	<1	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<5
Dibromochloromethane	<5	Hexachlorobutadiene	<10
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Report No: 062825

Project No: 12170626/001

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference: WC1597

Sample: BHB50

Depth (m):

Date of sampling: 01.03.06

Date of receipt: 02-07 03.06

Compound	ug/kg	Compound	ug/kg
Chloromethane	<5	Tetrachloroethene	<1
Dichlorodifluoromethane	<1	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<5	Ethylbenzene	<1
Chloroethane	<1	o-Xylene	<1
Trichlorofluoromethane	<1	Styrene	<1
MTBE	<1	Bromoform	<5
1,1-Dichloroethene	<1	m/p-Xylene	<1
Trans-1,2-Dichloroethene	<1	1,1,2,2-Tetrachloroethane	<5
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<5
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<10	Bromobenzene	<1
Chloroform	<5	n-Propylbenzene	<1
Bromochloromethane	<5	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropane	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
Trichloroethene	<1	1,4-Dichlorobenzene	<1
1,2-Dichloropropane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<5	n-Butylbenzene	<5
Toluene	<1	1,2-Dibromo-3-chloropropane	<5
1,1,2-Trichloroethane	<1	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<5
Dibromochloromethane	<5	Hexachlorobutadiene	<10
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Report No 062825

Project No 12170626/001

Client Gallagher Estates Limited

Site Address Northstowe New Town, Longstanton Cambridgeshire

Postal Address Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference WC1598

Sample BHB55

Depth (m)

Date of sampling: 01.03.06

Date of receipt: 02-07 03.06

Compound	ug/kg	Compound	ug/kg
Chloromethane	<5	Tetrachloroethene	<1
Dichlorodifluoromethane	<1	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<5	Ethylbenzene	<1
Chloroethane	<1	o-Xylene	<1
Trichlorofluoromethane	<1	Styrene	<1
MTBE	<1	Bromoform	<5
1,1-Dichloroethene	<1	m/p-Xylene	<1
Trans-1,2-Dichloroethene	<1	1,1,2,2-Tetrachloroethane	<5
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<5
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<10	Bromobenzene	<1
Chloroform	<5	n-Propylbenzene	<1
Bromochloromethane	<5	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
Trichloroethene	<1	1,4-Dichlorobenzene	<1
1,2-Dichloropropane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<5	n-Butylbenzene	<5
Toluene	<1	1,2-Dibromo-3-chloropropane	<5
1,1,2-Trichloroethane	<1	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<5
Dibromochloromethane	<5	Hexachlorobutadiene	<10
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Report No: U62825

Project No: 12170626/001

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference: WC1599

Sample: BHB56

Depth (m):

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

Compound	ug/kg	Compound	ug/kg
Chloromethane	<5	Tetrachloroethene	<1
Dichlorodifluoromethane	<1	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<5	Ethylbenzene	<1
Chloroethane	<1	o-Xylene	<1
Trichlorofluoromethane	<1	Styrene	<1
MTBE	<1	Bromoform	<5
1,1-Dichloroethene	<1	m/p-Xylene	<1
Trans-1,2-Dichloroethene	<1	1,1,2,2-Tetrachloroethane	<5
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<5
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<10	Bromobenzene	<1
Chloroform	<5	n-Propylbenzene	<1
Bromochloromethane	<5	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
Trichloroethene	<1	1,4-Dichlorobenzene	<1
1,2-Dichloropropane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<5	n-Butylbenzene	<5
Toluene	<1	1,2-Dibromo-3-chloropropane	<5
1,1,2-Trichloroethane	<1	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<5
Dibromochloromethane	<5	Hexachlorobutadiene	<10
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1



**Reg. 13(1)**

WSP Environmental Ltd  
Unit 5 Centurion Business Centre  
Dabell Avenue  
Blenheim Industrial Estate  
Nottingham  
Nottinghamshire  
NG6 8WA

23 March 2006

**TEST REPORT**

Our Report Number: 06-12877

Your Order Reference: E17/DC4724

14 water samples submitted for analysis on 10/03/2006

Project Name: Northstowe New Town, Cambridgeshire

Project Code: 12170626/001

*Laboratory analysis started on 13/03/2006*

*All laboratory analysis completed by 23 March 2006*

**Reg. 13(1)**

Analytical Reporting Manager  
**ALCONTROL TECHNICHEM**

**Reg. 13(1)**

Project Co-ordinator  
**ALCONTROL TECHNICHEM**

Test methods are documented in house procedures or where appropriate standard methods. Non accredited tests (if applicable) are identified on each page. Procedures for sampling are outside the scope of the laboratory UKAS accreditation. Opinions and interpretations expressed herein are outside the scope of our UKAS accreditation. All samples connected with this report, including any 'on hold', will be stored and disposed of according to company policy. A copy of this policy is available on request.









# ALcontrol Technichem Table Of Results

Job Number : 06-12877  
Matrix : Water  
Project Code: 12170626/001

Project Name: Northstowe New Town, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	BHB1	BHB13	BHB18	BHB19A	BHB25	BHB27	Method No	Units		
Date Sampled	01/03/06	01/03/06	01/03/06	01/03/06	01/03/06	01/03/06				
Date Scheduled	10/03/06	10/03/06	10/03/06	10/03/06	10/03/06	10/03/06				
Laboratory Reference No	129595	129596	129597	129598	129599	129600				
<b>Analysis</b>										
<b>** SVOC SUITE **</b>										
Naphthalene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
2-Chloronaphthalene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
Acenaphthylene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
Acenaphthene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
Fluorene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
Phenanthrene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
Anthracene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
Fluoranthene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
Pyrene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
Benz(a)anthracene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
Chrysene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
Benzo(b)fluoranthene	< 25	< 25	< 25	< 25	< 25	< 25	053W <sup>1</sup>	µg/l		
Benzo(k)fluoranthene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
Benzo(a)pyrene	< 25	< 25	< 25	< 25	< 25	< 25	053W <sup>1</sup>	µg/l		
Dibenzo(a,h)anthracene	< 40	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	µg/l		
Indeno(1,2,3-cd)pyrene	< 40	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	µg/l		
Benzo(g,h,i)perylene	< 40	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	µg/l		
Phenol	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
2-Chlorophenol	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
2-Methylphenol	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
4-Methylphenol	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
2-Nitrophenol	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
2,4-Dimethylphenol	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
2,4-Dichlorophenol	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
2,6-Dichlorophenol	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
4-Chloro-3-methyl phenol	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
2,4,6-Trichlorophenol	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
2,4,5-Trichlorophenol	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
4-Nitrophenol	< 50	< 50	< 50	< 50	< 50	< 50	053W <sup>1</sup>	µg/l		

<sup>1</sup> Determination is Accredited to ISO 17025.

<sup>2</sup> Determination is Accredited to MCERTS.

# ALcontrol Technichem Table Of Results

Job Number : 06-12877  
Matrix : Water  
Project Code: 12170626/001

Project Name: Northstowe New Town, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	BHB1	BHB13	BHB18	BHB19A	BHB25	BHB27	Method No	Units		
Date Sampled	01/03/06	01/03/06	01/03/06	01/03/06	01/03/06	01/03/06				
Date Scheduled	10/03/06	10/03/06	10/03/06	10/03/06	10/03/06	10/03/06				
Laboratory Reference No	129595	129596	129597	129598	129599	129600				
<b>Analysis</b>										
<b>** SVOC SUITE Cont. **</b>										
2,3,4,6-Tetrachlorophenol	< 30	< 30	< 30	< 30	< 30	< 30	053W <sup>†</sup>	µg/l		
Pentachlorophenol	< 60	< 60	< 60	< 60	< 60	< 60	053W <sup>†</sup>	µg/l		
Dimethyl Phthalate	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>†</sup>	µg/l		
Diethyl Phthalate	< 30	< 30	< 30	< 30	< 30	< 30	053W <sup>†</sup>	µg/l		
Di-n-butyl phthalate	< 30	< 30	< 30	< 30	< 30	< 30	053W <sup>†</sup>	µg/l		
Butyl benzyl phthalate	< 60	< 60	< 60	< 60	< 60	< 60	053W <sup>†</sup>	µg/l		
Bis(2-chloroethyl)ether	< 15	< 15	< 15	< 15	< 15	< 15	053W <sup>†</sup>	µg/l		
Bis(2-chloroisopropyl)ether	< 10	< 10	< 10	< 10	< 10	< 10	053W <sup>†</sup>	µg/l		
4-Chlorophenyl phenyl ether	< 15	< 15	< 15	< 15	< 15	< 15	053W <sup>†</sup>	µg/l		
Bromo phenyl phenyl ether	< 30	< 30	< 30	< 30	< 30	< 30	053W <sup>†</sup>	µg/l		
1,3-Dichlorobenzene	< 15	< 15	< 15	< 15	< 15	< 15	053W <sup>†</sup>	µg/l		
1,2-Dichlorobenzene	< 10	< 10	< 10	< 10	< 10	< 10	053W <sup>†</sup>	µg/l		
1,4-Dichlorobenzene	< 10	< 10	< 10	< 10	< 10	< 10	053W <sup>†</sup>	µg/l		
Nitrobenzene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>†</sup>	µg/l		
1,2,4-Trichlorobenzene	< 10	< 10	< 10	< 10	< 10	< 10	053W <sup>†</sup>	µg/l		
2,6-Dinitrotoluene	< 30	< 30	< 30	< 30	< 30	< 30	053W <sup>†</sup>	µg/l		
2,4-Dinitrotoluene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>†</sup>	µg/l		
Azobenzene	< 30	< 30	< 30	< 30	< 30	< 30	053W <sup>†</sup>	µg/l		
Hexachlorobenzene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>†</sup>	µg/l		
Hexachloroethane	< 40	< 40	< 40	< 40	< 40	< 40	053W <sup>†</sup>	µg/l		
n-Nitro-n-propyl-1-propanamine	< 15	< 15	< 15	< 15	< 15	< 15	053W <sup>†</sup>	µg/l		
Isophorone	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>†</sup>	µg/l		
Bis(2-chloroethoxy)methane	< 15	< 15	< 15	< 15	< 15	< 15	053W <sup>†</sup>	µg/l		
Hexachlorobutadiene	< 10	< 10	< 10	< 10	< 10	< 10	053W <sup>†</sup>	µg/l		
Anthraquinone	< 30	< 30	< 30	< 30	< 30	< 30	053W <sup>†</sup>	µg/l		
Hexachlorocyclopentadiene	< 50	< 50	< 50	< 50	< 50	< 50	053W <sup>†</sup>	µg/l		
Bis (2-ethylhexyl) phthalate	< 50	< 50	< 50	< 50	< 50	< 50	053W <sup>†</sup>	µg/l		
2-Methylnaphthalene	< 50	< 50	< 50	< 50	< 50	< 50	053W <sup>†</sup>	µg/l		
Aniline	< 40	< 40	< 40	< 40	< 40	< 40	053W <sup>†</sup>	µg/l		

<sup>†</sup> Determination is Accredited to ISO 17025.

<sup>‡</sup> Determination is Accredited to MCERTS.



# ALcontrol Technichem Table Of Results

Job Number : 06-12877  
Matrix : Water  
Project Code: 12170626/001

Project Name: Northstowe New Town, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	BHB29	BHB32	BHB36	BHB42	BHB45	BHB50	Method No	Units		
Date Sampled	01/03/06	01/03/06	01/03/06	01/03/06	01/03/06	01/03/06				
Date Scheduled	10/03/06	10/03/06	10/03/06	10/03/06	10/03/06	10/03/06				
Laboratory Reference No	129601	129602	129603	129604	129605	129606				
<b>Analysis</b>										
<b>** SVOC SUITE **</b>										
Naphthalene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
2-Chloronaphthalene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
Acenaphthylene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>2</sup>	µg/l		
Acenaphthene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
Fluorene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
Phenanthrene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
Anthracene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
Fluoranthene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
Pyrene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
Benz(a)anthracene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
Chrysene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
Benzo(b)fluoranthene	< 25	< 25	< 25	< 25	< 25	< 25	053W <sup>1</sup>	µg/l		
Benzo(k)fluoranthene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
Benzo(a)pyrene	< 25	< 25	< 25	< 25	< 25	< 25	053W <sup>1</sup>	µg/l		
Dibenzo(a,h)anthracene	< 40	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	µg/l		
Indeno(1,2,3-cd)pyrene	< 40	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	µg/l		
Benzo(g,h,i)perylene	< 40	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	µg/l		
Phenol	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>2</sup>	µg/l		
2-Chlorophenol	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
2-Methylphenol	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
4-Methylphenol	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
2-Nitrophenol	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
2,4-Dimethylphenol	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
2,4-Dichlorophenol	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
2,6-Dichlorophenol	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
4-Chloro-3-methyl phenol	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
2,4,6-Trichlorophenol	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
2,4,5-Trichlorophenol	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l		
4-Nitrophenol	< 50	< 50	< 50	< 50	< 50	< 50	053W <sup>1</sup>	µg/l		

<sup>1</sup> Determination is Accredited to ISO 17025.

<sup>2</sup> Determination is Accredited to MCERTS.

# ALcontrol Technichem Table Of Results

Job Number : 06-12877  
Matrix : Water  
Project Code: 12170626/001

Project Name: Northstowe New Town, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	BHB29	BHB32	BHB36	BHB42	BHB45	BHB50	Method No	Units
Date Sampled	01/03/06	01/03/06	01/03/06	01/03/06	01/03/06	01/03/06		
Date Scheduled	10/03/06	10/03/06	10/03/06	10/03/06	10/03/06	10/03/06		
Laboratory Reference No	129601	129602	129603	129604	129605	129606		
<b>Analysis</b>								
<b>** SVOC SUITE Cont. **</b>								
2,3,4,6-Tetrachlorophenol	< 30	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	µg/l
Pentachlorophenol	< 60	< 60	< 60	< 60	< 60	< 60	053W <sup>1</sup>	µg/l
Dimethyl Phthalate	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l
Diethyl Phthalate	< 30	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	µg/l
Di-n-butyl phthalate	< 30	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	µg/l
Butyl benzyl phthalate	< 60	< 60	< 60	< 60	< 60	< 60	053W <sup>1</sup>	µg/l
Bis(2-chloroethyl)ether	< 15	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	µg/l
Bis(2-chloroisopropyl)ether	< 10	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	µg/l
4-Chlorophenyl phenyl ether	< 15	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	µg/l
Bromo phenyl phenyl ether	< 30	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	µg/l
1,3-Dichlorobenzene	< 15	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	µg/l
1,2-Dichlorobenzene	< 10	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	µg/l
1,4-Dichlorobenzene	< 10	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	µg/l
Nitrobenzene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l
1,2,4-Trichlorobenzene	< 10	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	µg/l
2,6-Dinitrotoluene	< 30	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	µg/l
2,4-Dinitrotoluene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l
Azobenzene	< 30	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	µg/l
Hexachlorobenzene	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l
Hexachloroethane	< 40	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	µg/l
n-Nitro-n-propyl-1-propanamine	< 15	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	µg/l
Isophorone	< 20	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	µg/l
Bis(2-chloroethoxy)methane	< 15	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	µg/l
Hexachlorobutadiene	< 10	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	µg/l
Anthraquinone	< 30	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	µg/l
Hexachlorocyclopentadiene	< 50	< 50	< 50	< 50	< 50	< 50	053W	µg/l
Bis (2-ethylhexyl) phthalate	< 50	< 50	< 50	< 50	< 50	< 50	053W	µg/l
2-Methylnapthalene	< 50	< 50	< 50	< 50	< 50	< 50	053W	µg/l
Aniline	< 40	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	µg/l

<sup>1</sup> Determination is Accredited to ISO 17025.

<sup>m</sup> Determination is Accredited to MCERTS.



# ALcontrol Technichem

## Table Of Results

Job Number : 06-12877  
 Matrix : Water  
 Project Code: 12170626/001

Project Name: Northstowe New Town, Cambridgeshire  
 Client : WSP Environmental Ltd

Sample Reference	BHB55	BHB56					Method No	Units
Date Sampled	01/03/06	01/03/06						
Date Scheduled	10/03/06	10/03/06						
Laboratory Reference No	129607	129608						
<b>Analysis</b>								
<b>** SVOC SUITE **</b>								
Naphthalene	< 20	< 20					053W <sup>1</sup>	µg/l
2-Chloronaphthalene	< 20	< 20					053W <sup>1</sup>	µg/l
Acenaphthylene	< 20	< 20					053W <sup>1</sup>	µg/l
Acenaphthene	< 20	< 20					053W <sup>1</sup>	µg/l
Fluorene	< 20	< 20					053W <sup>1</sup>	µg/l
Phenanthrene	< 20	< 20					053W <sup>1</sup>	µg/l
Anthracene	< 20	< 20					053W <sup>1</sup>	µg/l
Fluoranthene	< 20	< 20					053W <sup>1</sup>	µg/l
Pyrene	< 20	< 20					053W <sup>1</sup>	µg/l
Benz(a)anthracene	< 20	< 20					053W <sup>1</sup>	µg/l
Chrysene	< 20	< 20					053W <sup>1</sup>	µg/l
Benzo(b)fluoranthene	< 25	< 25					053W <sup>1</sup>	µg/l
Benzo(k)fluoranthene	< 20	< 20					053W <sup>1</sup>	µg/l
Benzo(a)pyrene	< 25	< 25					053W <sup>1</sup>	µg/l
Dibenzo(a,h)anthracene	< 40	< 40					053W <sup>1</sup>	µg/l
Indeno(1,2,3-cd)pyrene	< 40	< 40					053W <sup>1</sup>	µg/l
Benzo(g,h,i)perylene	< 40	< 40					053W <sup>1</sup>	µg/l
Phenol	< 20	< 20					053W <sup>1</sup>	µg/l
2-Chlorophenol	< 20	< 20					053W <sup>1</sup>	µg/l
2-Methylphenol	< 20	< 20					053W <sup>1</sup>	µg/l
4-Methylphenol	< 20	< 20					053W <sup>1</sup>	µg/l
2-Nitrophenol	< 20	< 20					053W <sup>1</sup>	µg/l
2,4-Dimethylphenol	< 20	< 20					053W <sup>1</sup>	µg/l
2,4-Dichlorophenol	< 20	< 20					053W <sup>1</sup>	µg/l
2,6-Dichlorophenol	< 20	< 20					053W <sup>1</sup>	µg/l
4-Chloro-3-methyl phenol	< 20	< 20					053W <sup>1</sup>	µg/l
2,4,6-Trichlorophenol	< 20	< 20					053W <sup>1</sup>	µg/l
2,4,5-Trichlorophenol	< 20	< 20					053W <sup>1</sup>	µg/l
4-Nitrophenol	< 50	< 50					053W <sup>1</sup>	µg/l

<sup>1</sup> Determination is Accredited to ISO 17025.

<sup>2</sup> Determination is Accredited to MCERTS.



# ALcontrol Technichem Table Of Results

Job Number : 06-12877  
Matrix : Water  
Project Code: 12170626/001

Project Name: Northstowe New Town, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	BHB55	BHB56					Method No	Units
Date Sampled	01/03/06	01/03/06						
Date Scheduled	10/03/06	10/03/06						
Laboratory Reference No	129607	129608						
Analysis								
<b>** SVOC SUITE Cont. **</b>								
2,3,4,6-Tetrachlorophenol	< 30	< 30					053W <sup>1</sup>	µg/l
Pentachlorophenol	< 60	< 60					053W <sup>1</sup>	µg/l
Dimethyl Phthalate	< 20	< 20					053W <sup>1</sup>	µg/l
Diethyl Phthalate	< 30	< 30					053W <sup>1</sup>	µg/l
Di-n-butyl phthalate	< 30	< 30					053W <sup>1</sup>	µg/l
Butyl benzyl phthalate	< 60	< 60					053W <sup>2</sup>	µg/l
Bis(2-chloroethyl)ether	< 15	250					053W <sup>2</sup>	µg/l
Bis(2-chloroisopropyl)ether	< 10	< 10					053W <sup>2</sup>	µg/l
4-Chlorophenyl phenyl ether	< 15	< 15					053W <sup>2</sup>	µg/l
Bromo phenyl phenyl ether	< 30	< 30					053W <sup>2</sup>	µg/l
1,3-Dichlorobenzene	< 15	2200					053W <sup>2</sup>	µg/l
1,2-Dichlorobenzene	< 10	< 10					053W <sup>1</sup>	µg/l
1,4-Dichlorobenzene	< 10	2200					053W <sup>1</sup>	µg/l
Nitrobenzene	< 20	< 20					053W <sup>1</sup>	µg/l
1,2,4-Trichlorobenzene	< 10	< 10					053W <sup>2</sup>	µg/l
2,6-Dinitrotoluene	< 30	< 30					053W <sup>1</sup>	µg/l
2,4-Dinitrotoluene	< 20	< 20					053W <sup>1</sup>	µg/l
Azobenzene	< 30	< 30					053W <sup>1</sup>	µg/l
Hexachlorobenzene	< 20	< 20					053W <sup>2</sup>	µg/l
Hexachloroethane	< 40	< 40					053W <sup>1</sup>	µg/l
n-Nitro-n-propyl-1-propanamine	< 15	< 15					053W <sup>1</sup>	µg/l
Isophorone	< 20	< 20					053W <sup>1</sup>	µg/l
Bis(2-chloroethoxy)methane	< 15	< 15					053W <sup>1</sup>	µg/l
Hexachlorobutadiene	< 10	< 10					053W <sup>1</sup>	µg/l
Anthraquinone	< 30	< 30					053W <sup>1</sup>	µg/l
Hexachlorocyclopentadiene	< 50	< 50					053W	µg/l
Bis (2-ethylhexyl) phthalate	< 50	< 50					053W	µg/l
2-Methylnapthalene	< 50	< 50					053W	µg/l
Aniline	< 40	< 40					053W <sup>1</sup>	µg/l

<sup>1</sup> Determination is Accredited to ISO 17025.

<sup>2</sup> Determination is Accredited to MCERTS.



## ALcontrol Technichem Table Of Results - Appendix

### Summary of methods contained within report :

Method No.	Reference	Description	ISO 17025 Accredited	MCERTS Accredited	Me/Dry Analysis
054	In-house method based on Method 5220, "Standard Methods for the Examination of Water and Waste Water", APHA AWWA WEF, Edition 18, 1992	Determination of chemical oxygen demand in aqueous samples by oxidation and colorimetric detection	Y	N	
053W	In-house method	Determination of semi-volatile organic compounds in aqueous samples by dichloromethane extraction and GC-MS detection	Y	N	
035	In-house method based on MEWAM "Total Alkalinity of Raw Potable and Waste Waters", HMSO, 1981	Determination of total alkalinity in aqueous samples by titration	N	N	
020W	In-house method based on Second Site Property: Environmental Assessment Guidance Version 3: March 2003	Determination of phenols in aqueous samples by HPLC with electrochemical detection	Y	N	



**Reg. 13(1)**

WSP Environmental Ltd  
Unit 5 Centurion Business Centre  
Dabell Avenue  
Blenheim Industrial Estate  
Nottingham  
Nottinghamshire  
NG6 8WA

24 March 2006

**TEST REPORT**

Our Report Number: 06-12936

Your Order Reference: E17/DC4724

2 water samples submitted for analysis on 14/03/2006

Project Name: Northstowe New Town, Longstanton, Cambridge

Project Code: 12170626/001

*Laboratory analysis started on 14/03/2006*

*All laboratory analysis completed by 24 March 2006*

**Reg. 13(1)**

Analytical Reporting Manager  
**ALCONTROL TECHNICHEM**

**Reg. 13(1)**

Project Co-ordinator  
**ALCONTROL TECHNICHEM**

Test methods are documented in house procedures or where appropriate standard methods. Non accredited tests (if applicable) are identified on each page. Procedures for sampling are outside the scope of the laboratory UKAS accreditation. Opinions and interpretations expressed herein are outside the scope of our UKAS accreditation. All samples connected with this report, including any 'on hold', will be stored and disposed of according to company policy. A copy of this policy is available on request.



# ALcontrol Technichem Table Of Results

Job Number : 06-12936  
Matrix : Water  
Project Code: 12170626/001

Project Name: Northstowe New Town, Longstanton, Cambridge  
Client : WSP Environmental Ltd

Sample Reference	BHB22	BHB24A					Method No	Units
Sample Depth (m)	-	-						
Date Sampled	01/03/06	01/03/06						
Date Scheduled	14/03/06	14/03/06						
Laboratory Reference No	129928	129929						
<b>Analysis</b>								
<b>** SVOC SUITE **</b>								
Naphthalene	< 20	< 20					053W <sup>1</sup>	µg/l
2-Chloronaphthalene	< 20	< 20					053W <sup>1</sup>	µg/l
Acenaphthylene	< 20	< 20					053W <sup>1</sup>	µg/l
Acenaphthene	< 20	< 20					053W <sup>1</sup>	µg/l
Fluorene	< 20	< 20					053W <sup>1</sup>	µg/l
Phenanthrene	< 20	< 20					053W <sup>1</sup>	µg/l
Anthracene	< 20	< 20					053W <sup>1</sup>	µg/l
Fluoranthene	< 20	< 20					053W <sup>1</sup>	µg/l
Pyrene	< 20	< 20					053W <sup>1</sup>	µg/l
Benz(a)anthracene	< 20	< 20					053W <sup>1</sup>	µg/l
Chrysene	< 20	< 20					053W <sup>1</sup>	µg/l
Benzo(b)fluoranthene	< 25	< 25					053W <sup>1</sup>	µg/l
Benzo(k)fluoranthene	< 20	< 20					053W <sup>1</sup>	µg/l
Benzo(a)pyrene	< 25	< 25					053W <sup>1</sup>	µg/l
Dibenzo(a,h)anthracene	< 40	< 40					053W <sup>1</sup>	µg/l
Indeno(1,2,3-cd)pyrene	< 40	< 40					053W <sup>1</sup>	µg/l
Benzo(g,h,i)perylene	< 40	< 40					053W <sup>1</sup>	µg/l
Phenol	< 20	< 20					053W <sup>1</sup>	µg/l
2-Chlorophenol	< 20	< 20					053W <sup>1</sup>	µg/l
2-Methylphenol	< 20	< 20					053W <sup>1</sup>	µg/l
4-Methylphenol	< 20	< 20					053W <sup>1</sup>	µg/l
2-Nitrophenol	< 20	< 20					053W <sup>1</sup>	µg/l
2,4-Dimethylphenol	< 20	< 20					053W <sup>1</sup>	µg/l
2,4-Dichlorophenol	< 20	< 20					053W <sup>1</sup>	µg/l
2,6-Dichlorophenol	< 20	< 20					053W <sup>1</sup>	µg/l
4-Chloro-3-methyl phenol	< 20	< 20					053W <sup>1</sup>	µg/l
2,4,6-Trichlorophenol	< 20	< 20					053W <sup>1</sup>	µg/l
2,4,5-Trichlorophenol	< 20	< 20					053W <sup>1</sup>	µg/l
4-Nitrophenol	< 50	< 50					053W <sup>1</sup>	µg/l

Reg. 13(1)

<sup>1</sup> Determination is Accredited to ISO 17025.

<sup>1</sup> Determination is Accredited to MCERTS.

# ALcontrol Technichem Table Of Results

Job Number : 06-12936  
Matrix : Water  
Project Code: 12170626/001

Project Name: Northstowe New Town, Longstanton, Cambridge  
Client : WSP Environmental Ltd

Sample Reference	BHB22	BHB24A					Method No	Units
Sample Depth (m)	-	-						
Date Sampled	01/03/06	01/03/06						
Date Scheduled	14/03/06	14/03/06						
Laboratory Reference No	129928	129929						
Analysis								
<b>** SVOC SUITE Cont.. **</b>								
2,3,4,6-Tetrachlorophenol	< 30	< 30					053W <sup>†</sup>	µg/l
Pentachlorophenol	< 60	< 60					053W <sup>†</sup>	µg/l
Dimethyl Phthalate	< 20	< 20					053W <sup>†</sup>	µg/l
Diethyl Phthalate	< 30	< 30					053W <sup>†</sup>	µg/l
Di-n-butyl phthalate	< 30	< 30					053W <sup>†</sup>	µg/l
Butyl benzyl phthalate	< 60	< 60					053W <sup>†</sup>	µg/l
Bis(2-chloroethyl)ether	< 15	< 15					053W <sup>†</sup>	µg/l
Bis(2-chloroisopropyl)ether	< 10	< 10					053W <sup>†</sup>	µg/l
4-Chlorophenyl phenyl ether	< 15	< 15					053W <sup>†</sup>	µg/l
Bromo phenyl phenyl ether	< 30	< 30					053W <sup>†</sup>	µg/l
1,3-Dichlorobenzene	< 15	< 15					053W <sup>†</sup>	µg/l
1,2-Dichlorobenzene	< 10	< 10					053W <sup>†</sup>	µg/l
1,4-Dichlorobenzene	< 10	< 10					053W <sup>†</sup>	µg/l
Nitrobenzene	< 20	< 20					053W <sup>†</sup>	µg/l
1,2,4-Trichlorobenzene	< 10	< 10					053W <sup>†</sup>	µg/l
2,6-Dinitrotoluene	< 30	< 30					053W <sup>†</sup>	µg/l
2,4-Dinitrotoluene	< 20	< 20					053W <sup>†</sup>	µg/l
Azobenzene	< 30	< 30					053W <sup>†</sup>	µg/l
Hexachlorobenzene	< 20	< 20					053W <sup>†</sup>	µg/l
Hexachloroethane	< 40	< 40					053W <sup>†</sup>	µg/l
n-Nitro-n-propyl-1-propanamine	< 15	< 15					053W <sup>†</sup>	µg/l
Isophorone	< 20	< 20					053W <sup>†</sup>	µg/l
Bis(2-chloroethoxy)methane	< 15	< 15					053W <sup>†</sup>	µg/l
Hexachlorobutadiene	< 10	< 10					053W <sup>†</sup>	µg/l
Anthraquinone	< 30	< 30					053W <sup>†</sup>	µg/l
Aniline	< 40	< 40					053W <sup>†</sup>	µg/l
4-Chloroaniline	< 50	< 50					053W	µg/l
2-nitroaniline	< 50	< 50					053W	µg/l
Hexachlorocyclopentadiene	< 50	< 50					053W	µg/l

<sup>†</sup> Determination is Accredited to ISO 17025.

<sup>‡</sup> Determination is Accredited to MCERTS.





## ALcontrol Technichem Table Of Results - Appendix

**Summary of methods contained within report :**

Method No.	Reference	Description	ISO 17025 Accredited	MCERTS Accredited	We/Dry Analysis
054	In-house method based on Method 5220, "Standard Methods for the Examination of Water and Waste Water", APHA AWWA WEF, Edition 18, 1992	Determination of chemical oxygen demand in aqueous samples by oxidation and colorimetric detection	Y	N	
053W	In-house method	Determination of semi-volatile organic compounds in aqueous samples by dichloromethane extraction and GC-MS detection	Y	N	
035	In-house method based on MEWAM "Total Alkalinity of Raw Potable and Waste Waters", HMSO, 1981	Determination of total alkalinity in aqueous samples by titration	N	N	
020W	In-house method based on Second Site Property: Environmental Assessment Guidance Version 3: March 2003	Determination of phenols in aqueous samples by HPLC with electrochemical detection	Y	N	

# Test Report

Job Number: 065274

Report Date: 08.12.06  
Project Number: 12170626/002  
Client: Gallagher Estates Limited  
Site Address: Northstowe New Town, Longstanton, Cambridgeshire  
Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF  
Date of sampling: 14-22.11.06  
Date of Analysis: 27.11.06 to 08.12.06

Dear Julian Carr,

Please find attached your results for the above project.

This report includes the results for the 11 water samples we received on 17-24.11.06.

Results Checked by:

**Reg. 13(1)**

Results Authorised by:

**Reg. 13(1)** Operations Manager

**Reg. 13(1)**

Page 1 of 13

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Unaccredited Tests are marked with an asterix (\*), MCERTS accredited tests are marked <sup>M</sup>  
all other tests are UKAS accredited. Underlined results have changed from default accreditation  
to UKAS only, results in *italics* have been changed from default accreditation to unaccredited.  
Information supplied by e-mail may be subject to error, for authoritative results refer to hard copy.  
Water soluble sulphate (2:1) results can be converted to g/l by dividing mg/kg result by 2000.  
IS = insufficient sample. A/C = analysts comment, see appendix. (wet) = analysed as received.  
Any opinions or interpretations indicated are outside the scope of our UKAS accreditation.  
Chemical Analysis is undertaken in accordance with in house technical procedures and is  
subject to quality control procedures.

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WSP Environmental, Unit 5, Centurion Business Centre, Dabell Av,  
Blenheim Industrial Est, Bulwell, Notts. NG6 8WA

# Certificate of Analysis

Sample Matrix: water

Job Number: 065274  
 Project Number: 12170626/002  
 Client: Gallagher Estates Limited  
 Site Address: Northstowe New Town, Longstanton, Cambridgeshire  
 Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF  
 Date of sampling: 14-22.11.06  
 Date of receipt: 17-24.11.06

Sample Ref.	Analyte	Method No.	Units	Depth (m)	WC3361	WC3362	WC3363	WC3364	WC3365	WC3366	WC3367	WC3368	WC3369	WC3370	WC3371
					BHC3	BHC4	BHC5	BHC6	BHC10	WWC14#2	WWC15#2	WWC16#2	WWC17#2	WWC19#2	WWC22#2
	Arsenic	303	ug/L	<10	<10	<10	<10	<10	<10	-	<10	<10	-	<10	<10
	Cadmium	303	ug/L	<5	<5	<5	<5	<5	<5	-	<5	<5	-	<5	<5
	Chromium	303	ug/L	<5	<5	<5	<5	<5	<5	-	<5	<5	-	<5	<5
	Copper	303	ug/L	<5	<5	<5	<5	21	-	6.3	<5	-	-	<5	<5
	Nickel	303	ug/L	<5	<5	<5	<5	13	-	<5	5.9	-	-	<5	<5
	Lead	303	ug/L	<10	<10	<10	<10	<10	-	<10	<10	-	-	<10	<10
	Zinc	303	ug/L	<7	<7	<7	<7	17	-	<7	<7	-	-	<7	<7
	Barium	303	ug/L	46	30	79	32	50	-	74	63	-	-	56	69
	Beryllium	303	ug/L	<5	<5	<5	<5	<5	-	<5	<5	-	-	<5	<5
	Vanadium	303	ug/L	<10	<10	<10	<10	<10	-	<10	<10	-	-	<10	<10
	Mercury	307	ug/l	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	-	-	<0.2	<0.2
	Selenium	305	ug/L	<5	<5	<5	<5	<5	-	<5	<5	-	-	<5	<5
	Boron	314	ug/L	42	44	78	41	770	-	212	53	-	-	49	42
	Cyanide	301	ug/l	<40	<40	<40	<40	<40	-	<40	<40	-	-	<40	<40
	pH	312	pH units	7.7	7.8	7.7	8.2	7.1	7.5	7.9	7.5	7.5	7.5	7.6	7.4
	sulphate	316	mg/L	34	57	38	66	1540	-	74	116	-	-	61	27
	chlornide	320	mg/l	<50	<50	61	<50	420	64	82	90	57	<50	<50	<50
	Ammonium	324	mg/l	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
	Nitrite	327	mg/l	0.25	0.28	0.86	0.16	0.092	-	0.11	0.15	-	0.091	0.11	0.11
	Nitrate	326	mg/l	11	7.0	20	<1	<1	-	1.9	6.4	-	2.8	<1	<1
	Alkalinity	331	mg/l	238	226	266	348	426	326	324	404	312	288	334	334
	COD	337	mg/L	5.2	2.8	6.3	7.5	22.3	4.4	9.6	10.1	15.1	6.0	49.5	49.5

# VOC Certificate

Sample Matrix: water

Job Number: 065274

Project Number: 12170626/002

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3361

Date of sampling: 14-22.11.06

Sample : BHC3

Date of receipt: 17-24.11.06

Depth (m) :

Compound	ug/l	Compound	ug/l
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<2	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	Ethylbenzene	<2
Chloroethane	<1	m/p-Xylene	<2
Trichlorofluoromethane	<1	Styrene	<1
1,1-Dichloroethene	<1	Bromoform	<2
Trans-1,2-Dichloroethene	<1	o-Xylene	<2
MTBE	<1	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<5	Bromobenzene	<1
Chloroform	<1	n-Propylbenzene	<1
Bromochloromethane	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	1,4-Dichlorobenzene	<1
Trichloroethene	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<2
Dibromochloromethane	<1	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

PAGE 3 OF 13

MTBE = Methyl Tertiary Butyl Ether

# VOC Certificate

Sample Matrix: water

Job Number: 065274

Project Number: 12170626/002

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3362

Sample : BHC4

Depth (m) :

Date of sampling: 14-22.11.06

Date of receipt: 17-24.11.06

Compound	ug/l	Compound	ug/l
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<2	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	Ethylbenzene	<2
Chloroethane	<1	m/p-Xylene	<2
Trichlorofluoromethane	<1	Styrene	<1
1,1-Dichloroethene	<1	Bromoform	<2
Trans-1,2-Dichloroethene	<1	o-Xylene	<2
MTBE	<1	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<5	Bromobenzene	<1
Chloroform	<1	n-Propylbenzene	<1
Bromochloromethane	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	1,4-Dichlorobenzene	<1
Trichloroethene	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<2
Dibromochloromethane	<1	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

PAGE 4 OF 13

# VOC Certificate

Sample Matrix: water

Job Number: 065274

Project Number: 12170626/002

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3363

Date of sampling: 14-22.11.06

Sample : BHC5

Date of receipt: 17-24.11.06

Depth (m) :

Compound	ug/l	Compound	ug/l
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<2	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	Ethylbenzene	<2
Chloroethane	<1	m/p-Xylene	<2
Trichlorofluoromethane	<1	Styrene	<1
1,1-Dichloroethene	<1	Bromoform	<2
Trans-1,2-Dichloroethene	<1	o-Xylene	<2
MTBE	<1	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<5	Bromobenzene	<1
Chloroform	<1	n-Propylbenzene	<1
Bromochloromethane	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	1,4-Dichlorobenzene	<1
Trichloroethene	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<2
Dibromochloromethane	<1	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

PAGE 5 OF 13

# VOC Certificate

Sample Matrix: water

Job Number: 065274

Project Number: 12170626/002

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3364

Date of sampling: 14-22.11.06

Sample : BHC6

Date of receipt: 17-24.11.06

Depth (m) :

Compound	ug/l	Compound	ug/l
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<2	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	Ethylbenzene	<2
Chloroethane	<1	m/p-Xylene	<2
Trichlorofluoromethane	<1	Styrene	<1
1,1-Dichloroethene	<1	Bromoform	<2
Trans-1,2-Dichloroethene	<1	o-Xylene	<2
MTBE	<1	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<5	Bromobenzene	<1
Chloroform	<1	n-Propylbenzene	<1
Bromochloromethane	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	1,4-Dichlorobenzene	<1
Trichloroethene	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<2
Dibromochloromethane	<1	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

PAGE 6 OF 13

# VOC Certificate

Sample Matrix: water

Job Number: 065274

Project Number: 12170626/002

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3365

Sample : BHC10

Depth (m) :

Date of sampling: 14-22.11.06

Date of receipt: 17-24.11.06

Compound	ug/l	Compound	ug/l
* Dichlorodifluoromethane	<1	* Tetrachloroethene	<1
* Chloromethane	<2	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<2	* Ethylbenzene	<2
* Chloroethane	<1	* m/p-Xylene	<2
* Trichlorofluoromethane	<1	* Styrene	<1
* 1,1-Dichloroethene	<1	* Bromoform	<2
* Trans-1,2-Dichloroethene	<1	* o-Xylene	<2
* MTBE	<1	* 1,1,2,2-Tetrachloroethane	<1
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<1
* Cis-1,2-Dichloroethane	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<5	* Bromobenzene	<1
* Chloroform	<1	* n-Propylbenzene	<1
* Bromochloromethane	<1	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* 1,2-Dichloropropane	<1	* 1,4-Dichlorobenzene	<1
* Trichloroethene	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<1	* n-Butylbenzene	<1
* 1,1,2-Trichloroethane	<1	* 1,2-Dibromo-3-chloropropane	<1
* Toluene	<2	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<2
* Dibromochloromethane	<1	* Hexachlorobutadiene	<5
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

PAGE 7 OF 13

MTBE = Methyl Tertiary Butyl Ether



# VOC Certificate

Sample Matrix: water

Job Number: 065274

Project Number: 12170626/002

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference: WC3366

Date of sampling: 14-22.11.06

Sample: WWC14#2

Date of receipt: 17-24.11.06

Depth (m):

Compound	ug/l	Compound	ug/l
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<2	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	Ethylbenzene	<2
Chloroethane	<1	m/p-Xylene	<2
Trichlorofluoromethane	<1	Styrene	<1
1,1-Dichloroethene	<1	Bromoform	<2
Trans-1,2-Dichloroethene	<1	o-Xylene	<2
MTBE	<1	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<5	Bromobenzene	<1
Chloroform	<1	n-Propylbenzene	<1
Bromochloromethane	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	1,4-Dichlorobenzene	<1
Trichloroethene	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<2
Dibromochloromethane	<1	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

PAGE 8 OF 13

# VOC Certificate

Sample Matrix: water

Job Number: 065274

Project Number: 12170626/002

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3367

Date of sampling: 14-22.11.06

Sample : WWC15#2

Date of receipt: 17-24.11.06

Depth (m) :

Compound	ug/l	Compound	ug/l
* Dichlorodifluoromethane	<1	* Tetrachloroethene	<1
* Chloromethane	<2	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<2	* Ethylbenzene	<2
* Chloroethane	<1	* m/p-Xylene	<2
* Trichlorofluoromethane	<1	* Styrene	<1
* 1,1-Dichloroethene	<1	* Bromoform	<2
* Trans-1,2-Dichloroethene	<1	* o-Xylene	<2
* MTBE	<1	* 1,1,2,2-Tetrachloroethane	<1
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<1
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<5	* Bromobenzene	<1
* Chloroform	<1	* n-Propylbenzene	<1
* Bromochloromethane	<1	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* 1,2-Dichloropropane	<1	* 1,4-Dichlorobenzene	<1
* Trichloroethene	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<1	* n-Butylbenzene	<1
* 1,1,2-Trichloroethane	<1	* 1,2-Dibromo-3-chloropropane	<1
* Toluene	<2	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<2
* Dibromochloromethane	<1	* Hexachlorobutadiene	<5
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Job Number: 065274

Project Number: 12170626/002

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference: WC3368

Date of sampling: 14-22.11.06

Sample: WWC16#2

Date of receipt: 17-24.11.06

Depth (m):

Compound	ug/l	Compound	ug/l
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<2	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	Ethylbenzene	<2
Chloroethane	<1	m/p-Xylene	<2
Trichlorofluoromethane	<1	Styrene	<1
1,1-Dichloroethene	<1	Bromoforn	<2
Trans-1,2-Dichloroethene	<1	o-Xylene	<2
MTBE	<1	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<5	Bromobenzene	<1
Chloroform	<1	n-Propylbenzene	<1
Bromochloromethane	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	1,4-Dichlorobenzene	<1
Trichloroethene	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<2
Dibromochloromethane	<1	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

PAGE 10 OF 13

# VOC Certificate

Sample Matrix: water

Job Number: 065274

Project Number: 12170626/002

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3369

Date of sampling: 14-22.11.06

Sample : WWC17#2

Date of receipt: 17-24.11.06

Depth (m) :

Compound	ug/l	Compound	ug/l
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<2	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	Ethylbenzene	<2
Chloroethane	<1	m,p-Xylene	<2
Trichlorofluoromethane	<1	Styrene	<1
1,1-Dichloroethene	<1	Bromoform	<2
Trans-1,2-Dichloroethene	<1	o-Xylene	<2
MTBE	<1	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<5	Bromobenzene	<1
Chloroform	<1	n-Propylbenzene	<1
Bromochloromethane	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	1.0
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	21	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	1,4-Dichlorobenzene	<1
Trichloroethene	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<2
Dibromochloromethane	<1	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

PAGE 11 OF 13

MTBE = Methyl Tertiary Butyl Ether

# VOC Certificate

Sample Matrix: water

Job Number: 065274

Project Number: 12170626/002

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3370

Date of sampling: 14-22.11.06

Sample : WWC19#2

Date of receipt: 17-24.11.06

Depth (m) :

Compound	ug/l	Compound	ug/l
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<2	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	Ethylbenzene	<2
Chloroethane	<1	m/p-Xylene	<2
Trichlorofluoromethane	<1	Styrene	<1
1,1-Dichloroethene	<1	Bromoform	<2
Trans-1,2-Dichloroethene	<1	o-Xylene	<2
MTBE	<1	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	3.6	Isopropylbenzene	<1
2,2-Dichloropropane	<5	Bromobenzene	<1
Chloroform	<1	n-Propylbenzene	<1
Bromochloromethane	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	1,4-Dichlorobenzene	<1
Trichloroethene	4.4	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<2
Dibromochloromethane	<1	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

PAGE 12 OF 13

MTBE = Methyl Tertiary Butyl Ether

# VOC Certificate

Sample Matrix: water

Job Number: 065274

Project Number: 12170626/002

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference: WC3371

Date of sampling: 14-22.11.06

Sample: WWC22#2

Date of receipt: 17-24.11.06

Depth (m):

Compound	ug/l	Compound	ug/l
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<2	Chlorobenzene	<1
Vinyl Chloride	220	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	Ethylbenzene	<2
Chloroethane	3.8	m/p-Xylene	<2
Trichlorofluoromethane	<1	Styrene	<1
1,1-Dichloroethene	2.1	Bromoform	<2
Trans-1,2-Dichloroethene	1.8	o-Xylene	<2
MTBE	<1	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	249	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	242	Isopropylbenzene	1.1
2,2-Dichloropropane	<5	Bromobenzene	<1
Chloroform	<1	n-Propylbenzene	<1
Bromochloromethane	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	1.4	4-Chlorotoluene	<1
1,2-Dichloroethane	9.4	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	19	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	1,4-Dichlorobenzene	<1
Trichloroethene	1.1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	3.3	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<2
Dibromochloromethane	<1	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

PAGE 13 OF 13

# Test Report

Job Number: 065275

Report Date: 11.12.06  
Project Number: 12170626/002  
Client: Gallagher Estate Limited  
Site Address: Northstowe New Town, Longstanton, Cambridgeshire  
Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF  
Date of sampling: 14-22.11.06  
Date of Analysis: 27.11.06 to 11.12.06

Dear Julian Carr,

Please find attached your results for the above project.

This report includes the results for the 25 water samples we received on 24.11.06.

Results Checked by:

**Reg. 13(1)**

Results Authorised by:

**Reg. 13(1)** Operations Manager

**Reg. 13(1)**

Page 1 of 30



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Unaccredited Tests are marked with an asterisk (\*), MCERTS accredited tests are marked <sup>M</sup>  
all other tests are UKAS accredited. Underlined results have changed from default accreditation  
to UKAS only, results in *italics* have been changed from default accreditation to unaccredited.  
Information supplied by e-mail may be subject to error, for authoritative results refer to hard copy.  
Water soluble sulphate (2:1) results can be converted to g/l by dividing mg/kg result by 2000.  
IS = insufficient sample. A/C = analysts comment, see appendix. (wet) = analysed as received.  
Any opinions or interpretations indicated are outside the scope of our UKAS accreditation.  
Chemical Analysis is undertaken in accordance with in house technical procedures and is  
subject to quality control procedures.

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WSP Environmental, Unit 5, Centurion Business Centre, Dabell Av,  
Blenheim Industrial Est, Bulwell, Notts, NG6 8WA

# Certificate of Analysis

Sample Matrix: water

Job Number: 065275  
 Project Number: 12170626/002  
 Client: Gallagher Estate Limited  
 Site Address: Northstowe New Town, Longstanton, Cambridgeshire  
 Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF  
 Date of sampling: 14-22.11.06  
 Date of receipt: 24.11.06

Analyte	Method No.	Units	Sample Ref. Sample	WC3331	WC3332	WC3333	WC3334	WC3335	WC3336	WC3337	WC3338	WC3339	WC3340	WC3341	WC3342	WC3343	WC3344	WC3345
				WWC27	WWC1#1	WWC2	WWC3	WWC4	WWC5	WWC6	WWC7	WWC8	WWC9	WWC10	WWC11	WWC12	WWC13	WWC14#1
			Depth (m)															
Arsenic	303	ug/l	-	<10	-	-	<10	-	-	-	<10	<10	<10	<10	-	-	-	-
Cadmium	303	ug/l	-	<5	-	-	<5	-	-	-	<5	<5	<5	<5	-	-	-	-
Chromium	303	ug/l	-	<5	-	-	<5	-	-	-	<5	<5	<5	<5	-	-	-	-
Copper	303	ug/l	-	6.0	-	-	<5	-	-	-	<5	<5	5.9	5.4	-	-	-	-
Nickel	303	ug/l	-	28	-	-	11	-	-	-	<5	<5	<5	<5	-	-	-	-
Lead	303	ug/l	-	<10	-	-	<10	-	-	-	<10	<10	<10	<10	-	-	-	-
Zinc	303	ug/l	-	<7	-	-	<7	-	-	-	<7	<7	<7	<7	-	-	-	-
Barium	303	ug/l	-	49	-	-	29	-	-	-	58	29	61	85	-	-	-	-
Beryllium	303	ug/l	-	<5	-	-	<5	-	-	-	<5	<5	<5	<5	-	-	-	-
Vanadium	303	ug/l	-	<10	-	-	<10	-	-	-	<10	<10	<10	<10	-	-	-	-
Mercury	307	ug/l	-	<0.2	-	-	<0.2	-	-	-	<0.2	<0.2	<0.2	<0.2	-	-	-	-
Selenium	305	ug/l	-	<5	-	-	<5	-	-	-	<5	<5	<5	<5	-	-	-	-
Boron	314	ug/l	-	106	-	-	54	-	-	-	72	43	99	58	-	-	-	-
Cyanide	301	ug/l	-	<40	-	-	<40	-	-	-	<40	<40	<40	<40	-	-	-	-
pH	312	pH units	7.7	7.8	7.9	7.6	7.8	7.9	7.7	7.8	7.6	7.9	7.8	7.7	7.6	7.7	7.6	7.7
sulphate	316	mg/l	-	74	-	-	44	-	-	-	91	36	113	137	-	-	-	-
chlornide	320	mg/l	62	<50	<50	<50	62	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Ammonium	324	mg/l	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
Nitrite	327	mg/l	-	0.1	-	-	0.22	-	-	-	0.13	0.14	0.087	0.085	-	-	-	-
Nitrate	326	mg/l	-	<1	-	-	13	-	-	-	<1	13	<1	<1	-	-	-	-
Alkalinity	331	mg/l	284	428	216	376	262	368	318	316	352	230	296	320	384	362	314	314
COD	337	mg/l	10.6	38.7	14.1	12.6	8.4	3.3	4.5	5.9	5.0	7.0	6.9	7.8	10.5	5.2	8.1	8.1



# Certificate of Analysis

Sample Matrix: water

Job Number: 065275  
 Project Number: 12170626/002  
 Client: Gallagher Estate Limited  
 Site Address: Northstowe New Town, Longstanton, Cambridgeshire  
 Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF  
 Date of sampling: 14-22.11.06  
 Date of receipt: 24.11.06

Analyte	Method No.	Units	Sample Ref. Sample	WC3346	WC3347	WC3348	WC3349	WC3350	WC3351	WC3352	WC3353	WC3354	WC3355	WC3356	WC3357
				WWC15#1	WWC16#1	WWC17#1	WWC18	WWC19#1	WWC20	WWC21	WWC22#1	WWC23	WWC24	WWC25	WWC26
			Depth (m)												
Arsenic	303	ug/l		<10	<10	-	-	<10	-	-	<10	-	-	<10	-
Cadmium	303	ug/l		<5	<5	-	-	<5	-	-	<5	-	-	<5	-
Chromium	303	ug/l		<5	<5	-	-	<5	-	-	<5	-	-	<5	-
Copper	303	ug/l		<5	<5	-	-	<5	-	-	<5	-	-	7.5	-
Nickel	303	ug/l		<5	<5	-	-	<5	-	-	<5	-	-	<5	-
Lead	303	ug/l		<10	<10	-	-	<10	-	-	<10	-	-	<10	-
Zinc	303	ug/l		<7	<7	-	-	<7	-	-	<7	-	-	<7	-
Barium	303	ug/l		52	81	-	-	73	-	-	30	-	-	110	-
Beryllium	303	ug/l		<5	<5	-	-	<5	-	-	<5	-	-	<5	-
Vanadium	303	ug/l		<10	<10	-	-	<10	-	-	<10	-	-	<10	-
Mercury	307	ug/l		<0.2	<0.2	-	-	<0.2	-	-	<0.2	-	-	<0.2	-
Selenium	305	ug/l		<5	<5	-	-	<5	-	-	<5	-	-	<5	-
Boron	314	ug/l		65	58	-	-	44	-	-	81	-	-	154	-
Cyanide	301	ug/l		<40	<40	-	-	<40	-	-	<40	-	-	<40	-
pH	312	pH units		7.9	7.9	7.6	7.8	8.0	7.7	7.7	7.7	7.6	7.6	7.5	7.4
sulphate	316	mg/l		59	126	-	-	67	-	-	32	-	-	97	-
chloride	320	mg/l		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	140
Ammonium	324	mg/l		<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
Nitrite	327	mg/l		0.11	0.12	-	-	0.098	-	-	0.084	-	-	0.098	-
Nitrate	326	mg/l		15	<1	-	-	<1	-	-	5.7	-	-	<1	-
Alkalinity	331	mg/l		292	374	388	340	270	310	192	214	238	224	268	260
COD	337	mg/l		2.6	15.3	29.7	7.6	6.5	8.2	2.6	6.8	9.7	3.4	11.7	13.7

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference: WC3331

Sample: WWC27

Depth (m):

Date of sampling: 14-22.11.06

Date of receipt: 24.11.06

Compound	ug/l	Compound	ug/l
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<2	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	Ethylbenzene	<2
Chloroethane	<1	m/p-Xylene	<2
Trichlorofluoromethane	<1	Styrene	<1
1,1-Dichloroethene	<1	Bromoform	<2
Trans-1,2-Dichloroethene	<1	o-Xylene	<2
MTBE	<1	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<5	Bromobenzene	<1
Chloroform	<1	n-Propylbenzene	<1
Bromochloromethane	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	1,4-Dichlorobenzene	<1
Trichloroethene	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<2
Dibromochloromethane	<1	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

PAGE 4 OF 30

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3332

Date of sampling: 14-22.11.06

Sample : WWC1#1

Date of receipt: 24.11.06

Depth (m) :

Compound	ug/l	Compound	ug/l
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<2	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	Ethylbenzene	<2
Chloroethane	<1	m/p-Xylene	<2
Trichlorofluoromethane	<1	Styrene	<1
1,1-Dichloroethene	47	Bromoform	<2
Trans-1,2-Dichloroethene	<1	o-Xylene	<2
MTBE	<1	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<5	Bromobenzene	<1
Chloroform	<1	n-Propylbenzene	<1
Bromochloromethane	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	1.6	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	1,4-Dichlorobenzene	<1
Trichloroethene	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<2
Dibromochloromethane	<1	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

PAGE 5 OF 30

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3333

Date of sampling: 14-22.11.06

Sample : WWC2

Date of receipt: 24.11.06

Depth (m) :

Compound	ug/l	Compound	ug/l
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<2	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	Ethylbenzene	<2
Chloroethane	<1	m,p-Xylene	<2
Trichlorofluoromethane	<1	Styrene	<1
1,1-Dichloroethene	<1	Bromoform	<2
Trans-1,2-Dichloroethene	<1	o-Xylene	<2
MTBE	<1	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<5	Bromobenzene	<1
Chloroform	<1	n-Propylbenzene	<1
Bromochloromethane	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	1,4-Dichlorobenzene	<1
Trichloroethene	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<2
Dibromochloromethane	<1	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

PAGE 6 OF 30

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3334

Sample : WWC3

Depth (m) :

Date of sampling: 14-22.11.06

Date of receipt: 24.11.06

Compound	ug/l	Compound	ug/l
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<2	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	Ethylbenzene	2.2
Chloroethane	<1	m/p-Xylene	4.6
Trichlorofluoromethane	<1	Styrene	<1
1,1-Dichloroethene	<1	Bromoform	<2
Trans-1,2-Dichloroethene	<1	o-Xylene	4.1
MTBE	<1	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	17	Isopropylbenzene	2.4
2,2-Dichloropropane	<5	Bromobenzene	<1
Chloroform	<1	n-Propylbenzene	1.8
Bromochloromethane	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	13
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	2.0	1,2,4-Trimethylbenzene	109
Carbon Tetrachloride	<1	sec-Butylbenzene	5.7
1,2-Dichloropropane	<1	1,4-Dichlorobenzene	<1
Trichloroethene	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	n-Butylbenzene	9.2
1,1,2-Trichloroethane	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	228
Dibromochloromethane	<1	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

PAGE 7 OF 30

MTBE = Methyl Tertiary Butyl Ether

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3335

Sample : WWC4

Depth (m) :

Date of sampling: 14-22.11.06

Date of receipt: 24.11.06

Compound	ug/l	Compound	ug/l
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<2	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	Ethylbenzene	<2
Chloroethane	<1	m/p-Xylene	<2
Trichlorofluoromethane	<1	Styrene	<1
1,1-Dichloroethene	<1	Bromoform	<2
Trans-1,2-Dichloroethene	<1	o-Xylene	<2
MTBE	<1	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<5	Bromobenzene	<1
Chloroform	<1	n-Propylbenzene	<1
Bromochloromethane	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	1,4-Dichlorobenzene	<1
Trichloroethene	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<2
Dibromochloromethane	<1	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

PAGE 8 OF 30

MTBE = Methyl Tertiary Butyl Ether

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3336

Sample : WWCS

Depth (m) :

Date of sampling: 14-22.11.06

Date of receipt: 24.11.06

Compound	ug/l	Compound	ug/l
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<2	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	Ethylbenzene	<2
Chloroethane	<1	m/p-Xylene	<2
Trichlorofluoromethane	<1	Styrene	<1
1,1-Dichloroethene	<1	Bromoform	<2
Trans-1,2-Dichloroethene	<1	o-Xylene	<2
MTBE	<1	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<5	Bromobenzene	<1
Chloroform	<1	n-Propylbenzene	<1
Bromochloromethane	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	1,4-Dichlorobenzene	<1
Trichloroethene	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<2
Dibromochloromethane	<1	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

PAGE 9 OF 30

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3337

Sample : WWC6

Depth (m) :

Date of sampling: 14-22.11.06

Date of receipt: 24.11.06

Compound	ug/l	Compound	ug/l
* Dichlorodifluoromethane	<1	* Tetrachloroethene	<1
* Chloromethane	<2	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<2	* Ethylbenzene	<2
* Chloroethane	<1	* m,p-Xylene	<2
* Trichlorofluoromethane	<1	* Styrene	<1
* 1,1-Dichloroethene	<1	* Bromoform	<2
* Trans-1,2-Dichloroethene	<1	* o-Xylene	<2
* MTBE	<1	* 1,1,2,2-Tetrachloroethane	<1
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<1
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<5	* Bromobenzene	<1
* Chloroform	<1	* n-Propylbenzene	<1
* Bromochloromethane	<1	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* 1,2-Dichloropropane	<1	* 1,4-Dichlorobenzene	<1
* Trichloroethene	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<1	* n-Butylbenzene	<1
* 1,1,2-Trichloroethane	<1	* 1,2-Dibromo-3-chloropropane	<1
* Toluene	<2	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<2
* Dibromochloromethane	<1	* Hexachlorobutadiene	<5
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

PAGE 10 OF 30

MTBE = Methyl Tertiary Butyl Ether



# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3338

Sample : WWC7

Depth (m) :

Date of sampling: 14-22.11.06

Date of receipt: 24.11.06

Compound	ug/l	Compound	ug/l
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<2	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	Ethylbenzene	<2
Chloroethane	<1	m,p-Xylene	<2
Trichlorofluoromethane	<1	Styrene	<1
1,1-Dichloroethene	<1	Bromofom	<2
Trans-1,2-Dichloroethene	<1	o-Xylene	<2
MTBE	<1	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<5	Bromobenzene	<1
Chloroform	<1	n-Propylbenzene	<1
Bromochloromethane	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	1,4-Dichlorobenzene	<1
Trichloroethene	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<2
Dibromochloromethane	<1	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3339

Date of sampling: 14-22.11.06

Sample : WWC8

Date of receipt: 24.11.06

Depth (m) :

Compound	ug/l	Compound	ug/l
* Dichlorodifluoromethane	<1	* Tetrachloroethene	<1
* Chloromethane	<2	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<2	* Ethylbenzene	<2
* Chloroethane	<1	* m/p-Xylene	<2
* Trichlorofluoromethane	<1	* Styrene	<1
* 1,1-Dichloroethene	<1	* Bromoform	<2
* Trans-1,2-Dichloroethene	<1	* o-Xylene	<2
* MTBE	<1	* 1,1,2,2-Tetrachloroethane	<1
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<1
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<5	* Bromobenzene	<1
* Chloroform	<1	* n-Propylbenzene	<1
* Bromochloromethane	<1	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* 1,2-Dichloropropane	<1	* 1,4-Dichlorobenzene	<1
* Trichloroethene	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<1	* n-Butylbenzene	<1
* 1,1,2-Trichloroethane	<1	* 1,2-Dibromo-3-chloropropane	<1
* Toluene	<2	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<2
* Dibromochloromethane	<1	* Hexachlorobutadiene	<5
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3340

Sample : WWC9

Depth (m) :

Date of sampling: 14-22.11.06

Date of receipt: 24.11.06

Compound	ug/l	Compound	ug/l
Dichlorodifluoromethane	<1	Tetrachloroethene	3.4
Chloromethane	<2	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	Ethylbenzene	<2
Chloroethane	<1	m/p-Xylene	<2
Trichlorofluoromethane	<1	Styrene	<1
1,1-Dichloroethene	<1	Bromoform	<2
Trans-1,2-Dichloroethene	<1	o-Xylene	<2
MTBE	<1	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	5.9	Isopropylbenzene	<1
2,2-Dichloropropane	<5	Bromobenzene	<1
Chloroform	<1	n-Propylbenzene	<1
Bromochloromethane	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	1,4-Dichlorobenzene	<1
Trichloroethene	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<2
Dibromochloromethane	<1	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3341

Sample : WWC10

Depth (m) :

Date of sampling: 14-22.11.06

Date of receipt: 24.11.06

Compound	ug/l	Compound	ug/l
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<2	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	Ethylbenzene	<2
Chloroethane	<1	m,p-Xylene	<2
Trichlorofluoromethane	<1	Styrene	<1
1,1-Dichloroethene	<1	Bromoform	<2
Trans-1,2-Dichloroethene	<1	o-Xylene	<2
MTBE	<1	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	5.7	isopropylbenzene	<1
2,2-Dichloropropane	<5	Bromobenzene	<1
Chloroform	<1	n-Propylbenzene	<1
Bromochloromethane	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	1,4-Dichlorobenzene	<1
Trichloroethene	2.8	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<2
Dibromochloromethane	<1	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3342

Sample : WWC11

Depth (m) :

Date of sampling: 14-22.11.06

Date of receipt: 24.11.06

Compound	ug/l	Compound	ug/l
* Dichlorodifluoromethane	<1	* Tetrachloroethene	<1
* Chloromethane	<2	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<2	* Ethylbenzene	<2
* Chloroethane	<1	* m/p-Xylene	<2
* Trichlorofluoromethane	<1	* Styrene	<1
* 1,1-Dichloroethene	<1	* Bromoform	<2
* Trans-1,2-Dichloroethene	<1	* o-Xylene	<2
* MTBE	<1	* 1,1,2,2-Tetrachloroethane	<1
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<1
* Cis-1,2-Dichloroethene	15	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<5	* Bromobenzene	<1
* Chloroform	<1	* n-Propylbenzene	<1
* Bromochloromethane	<1	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* 1,2-Dichloropropane	<1	* 1,4-Dichlorobenzene	<1
* Trichloroethene	1.4	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<1	* n-Butylbenzene	<1
* 1,1,2-Trichloroethane	<1	* 1,2-Dibromo-3-chloropropane	<1
* Toluene	<2	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<2
* Dibromochloromethane	<1	* Hexachlorobutadiene	<5
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3343

Sample : WWC12

Depth (m) :

Date of sampling: 14-22.11.06

Date of receipt: 24.11.06

Compound	ug/l	Compound	ug/l
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<2	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	Ethylbenzene	<2
Chloroethane	<1	m/p-Xylene	<2
Trichlorofluoromethane	<1	Styrene	<1
1,1-Dichloroethene	<1	Bromoform	<2
Trans-1,2-Dichloroethene	<1	o-Xylene	<2
MTBE	<1	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	3.0	Isopropylbenzene	<1
2,2-Dichloropropane	<5	Bromobenzene	<1
Chloroform	<1	n-Propylbenzene	<1
Bromochloromethane	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	1,4-Dichlorobenzene	<1
Trichloroethene	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<2
Dibromochloromethane	<1	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3344

Sample : WWC13

Depth (m) :

Date of sampling: 14.22.11.06

Date of receipt: 24.11.06

Compound	ug/l	Compound	ug/l
* Dichlorodifluoromethane	<1	* Tetrachloroethene	<1
* Chloromethane	<2	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<2	* Ethylbenzene	<2
* Chloroethane	<1	* m/p-Xylene	<2
* Trichlorofluoromethane	<1	* Styrene	<1
* 1,1-Dichloroethene	<1	* Bromoform	<2
* Trans-1,2-Dichloroethene	<1	* o-Xylene	<2
* MTBE	<1	* 1,1,2,2-Tetrachloroethane	<1
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<1
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<5	* Bromobenzene	<1
* Chloroform	<1	* n-Propylbenzene	<1
* Bromochloromethane	<1	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* 1,2-Dichloropropane	<1	* 1,4-Dichlorobenzene	<1
* Trichloroethene	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<1	* n-Butylbenzene	<1
* 1,1,2-Trichloroethane	<1	* 1,2-Dibromo-3-chloropropane	<1
* Toluene	<2	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<2
* Dibromochloromethane	<1	* Hexachlorobutadiene	<5
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3345

Date of sampling: 14-22.11.06

Sample : WWC14#1

Date of receipt: 24.11.06

Depth (m) :

Compound	ug/l	Compound	ug/l
* Dichlorodifluoromethane	<1	* Tetrachloroethene	<1
* Chloromethane	<2	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<2	* Ethylbenzene	<2
* Chloroethane	<1	* m,p-Xylene	<2
* Trichlorofluoromethane	<1	* Styrene	<1
* 1,1-Dichloroethene	<1	* Bromoform	<2
* Trans-1,2-Dichloroethene	<1	* o-Xylene	<2
* MTBE	<1	* 1,1,2,2-Tetrachloroethane	<1
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<1
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<5	* Bromobenzene	<1
* Chloroform	<1	* n-Propylbenzene	<1
* Bromochloromethane	<1	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* 1,2-Dichloropropane	<1	* 1,4-Dichlorobenzene	<1
* Trichloroethene	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<1	* n-Butylbenzene	<1
* 1,1,2-Trichloroethane	<1	* 1,2-Dibromo-3-chloropropane	<1
* Toluene	<2	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<2
* Dibromochloromethane	<1	* Hexachlorobutadiene	<5
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1



# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3346

Date of sampling: 14-22.11.06

Sample : WWC15#1

Date of receipt: 24.11.06

Depth (m) :

Compound	ug/l	Compound	ug/l
* Dichlorodifluoromethane	<1	* Tetrachloroethene	<1
* Chloromethane	<2	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<2	* Ethylbenzene	<2
* Chloroethane	<1	* m/p-Xylene	<2
* Trichlorofluoromethane	<1	* Styrene	<1
* 1,1-Dichloroethene	<1	* Bromoform	<2
* Trans-1,2-Dichloroethene	<1	* o-Xylene	<2
* MTBE	<1	* 1,1,2,2-Tetrachloroethane	<1
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<1
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<5	* Bromobenzene	<1
* Chloroform	<1	* n-Propylbenzene	<1
* Bromochloromethane	<1	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* 1,2-Dichloropropane	<1	* 1,4-Dichlorobenzene	<1
* Trichloroethene	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<1	* n-Butylbenzene	<1
* 1,1,2-Trichloroethane	<1	* 1,2-Dibromo-3-chloropropane	<1
* Toluene	<2	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<2
* Dibromochloromethane	<1	* Hexachlorobutadiene	<5
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3347

Sample : WWC16#1

Depth (m) :

Date of sampling: 14-22.11.06

Date of receipt: 24.11.06

Compound	ug/l		Compound	ug/l
* Dichlorodifluoromethane	<1	*	Tetrachloroethene	<1
* Chloromethane	<2	*	Chlorobenzene	<1
* Vinyl Chloride	<1	*	1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<2	*	Ethylbenzene	<2
* Chloroethane	<1	*	m/p-Xylene	<2
* Trichlorofluoromethane	<1	*	Styrene	<1
* 1,1-Dichloroethene	<1	*	Bromoform	<2
* Trans-1,2-Dichloroethene	<1	*	o-Xylene	<2
* MTBE	<1	*	1,1,2,2-Tetrachloroethane	<1
* 1,1-Dichloroethane	<1	*	1,2,3-Trichloropropane	<1
* Cis-1,2-Dichloroethene	<1	*	Isopropylbenzene	<1
* 2,2-Dichloropropane	<5	*	Bromobenzene	<1
* Chloroform	<1	*	n-Propylbenzene	<1
* Bromochloromethane	<1	*	2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	*	4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	*	1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	*	Tert-butylbenzene	<1
* Benzene	<1	*	1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	*	sec-Butylbenzene	<1
* 1,2-Dichloropropane	<1	*	1,4-Dichlorobenzene	<1
* Trichloroethene	<1	*	1,3-Dichlorobenzene	<1
* Dibromomethane	<1	*	1,2-Dichlorobenzene	<1
* Bromodichloromethane	<1	*	n-Butylbenzene	<1
* 1,1,2-Trichloroethane	<1	*	1,2-Dibromo-3-chloropropane	<1
* Toluene	<2	*	1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	*	Naphthalene	<2
* Dibromochloromethane	<1	*	Hexachlorobutadiene	<5
* 1,2-Dibromoethane	<1	*	1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3348

Sample : WWC17#1

Depth (m) :

Date of sampling: 14-22.11.06

Date of receipt: 24.11.06

	Compound	ug/l		Compound	ug/l
*	Dichlorodifluoromethane	<1	*	Tetrachloroethene	<1
*	Chloromethane	<2	*	Chlorobenzene	<1
*	Vinyl Chloride	<1	*	1,1,1,2-Tetrachloroethane	<1
*	Bromomethane	<2	*	Ethylbenzene	<2
*	Chloroethane	<1	*	m/p-Xylene	55
*	Trichlorofluoromethane	<1	*	Styrene	<1
*	1,1-Dichloroethene	<1	*	Bromoform	<2
*	Trans-1,2-Dichloroethene	<1	*	o-Xylene	11
*	MTBE	<1	*	1,1,2,2-Tetrachloroethane	<1
*	1,1-Dichloroethane	<1	*	1,2,3-Trichloropropane	<1
*	Cis-1,2-Dichloroethene	<1	*	Isopropylbenzene	5.4
*	2,2-Dichloropropane	<5	*	Bromobenzene	<1
*	Chloroform	<1	*	n-Propylbenzene	<1
*	Bromochloromethane	<1	*	2-Chlorotoluene	<1
*	1,1,1-Trichloroethane	<1	*	4-Chlorotoluene	<1
*	1,2-Dichloroethane	<1	*	1,3,5-Trimethylbenzene	69
*	1,1-Dichloropropene	<1	*	Tert-butylbenzene	<1
*	Benzene	83	*	1,2,4-Trimethylbenzene	18
*	Carbon Tetrachloride	<1	*	sec-Butylbenzene	<1
*	1,2-Dichloropropane	<1	*	1,4-Dichlorobenzene	<1
*	Trichloroethene	<1	*	1,3-Dichlorobenzene	<1
*	Dibromomethane	<1	*	1,2-Dichlorobenzene	<1
*	Bromodichloromethane	<1	*	n-Butylbenzene	2.9
*	1,1,2-Trichloroethane	<1	*	1,2-Dibromo-3-chloropropane	<1
*	Toluene	<2	*	1,2,4-Trichlorobenzene	<1
*	1,3-Dichloropropane	<1	*	Naphthalene	<2
*	Dibromochloromethane	<1	*	Hexachlorobutadiene	<5
*	1,2-Dibromoethane	<1	*	1,2,3-Trichlorobenzene	<1

PAGE 21 OF 30

MTBE = Methyl Tertiary Butyl Ether

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3349

Date of sampling: 14-22.11.06

Sample : WWC18

Date of receipt: 24.11.06

Depth (m) :

Compound	ug/l	Compound	ug/l
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<2	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	Ethylbenzene	<2
Chloroethane	<1	m/p-Xylene	<2
Trichlorofluoromethane	<1	Styrene	<1
1,1-Dichloroethene	<1	Bromofom	<2
Trans-1,2-Dichloroethene	<1	o-Xylene	<2
MTBE	<1	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<5	Bromobenzene	<1
Chloroform	<1	n-Propylbenzene	<1
Bromochloromethane	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	1,4-Dichlorobenzene	<1
Trichloroethene	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<2
Dibromochloromethane	<1	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

PAGE 22 OF 30

MTBE = Methyl Tertiary Butyl Ether

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3350

Sample : WWC19#1

Depth (m) :

Date of sampling: 14-22.11.06

Date of receipt: 24.11.06

Compound	ug/l	Compound	ug/l
* Dichlorodifluoromethane	<1	* Tetrachloroethene	<1
* Chloromethane	<2	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<2	* Ethylbenzene	<2
* Chloroethane	<1	* m/p-Xylene	<2
* Trichlorofluoromethane	<1	* Styrene	<1
* 1,1-Dichloroethene	<1	* Bromoform	<2
* Trans-1,2-Dichloroethene	<1	* o-Xylene	<2
* MTBE	<1	* 1,1,2,2-Tetrachloroethane	<1
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<1
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<5	* Bromobenzene	<1
* Chloroform	<1	* n-Propylbenzene	<1
* Bromochloromethane	<1	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* 1,2-Dichloropropane	<1	* 1,4-Dichlorobenzene	<1
* Trichloroethene	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<1	* n-Butylbenzene	<1
* 1,1,2-Trichloroethane	<1	* 1,2-Dibromo-3-chloropropane	<1
* Toluene	<2	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<2
* Dibromochloromethane	<1	* Hexachlorobutadiene	<5
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3351

Sample : WWC20

Depth (m) :

Date of sampling: 14-22.11.06

Date of receipt: 24.11.06

Compound	ug/l	Compound	ug/l
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<2	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	Ethylbenzene	<2
Chloroethane	<1	m/p-Xylene	<2
Trichlorofluoromethane	<1	Styrene	<1
1,1-Dichloroethene	<1	Bromoform	<2
Trans-1,2-Dichloroethene	<1	o-Xylene	<2
MTBE	<1	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	6.6	Isopropylbenzene	<1
2,2-Dichloropropane	<5	Bromobenzene	<1
Chloroform	<1	n-Propylbenzene	<1
Bromochloromethane	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	1,4-Dichlorobenzene	<1
Trichloroethene	5.5	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<2
Dibromochloromethane	<1	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3352

Date of sampling: 14-22.11.06

Sample : WWC21

Date of receipt: 24.11.06

Depth (m) :

Compound	ug/l		Compound	ug/l
* Dichlorodifluoromethane	<1	*	Tetrachloroethene	<1
* Chloromethane	<2	*	Chlorobenzene	<1
* Vinyl Chloride	<1	*	1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<2	*	Ethylbenzene	<2
* Chloroethane	<1	*	m/p-Xylene	<2
* Trichlorofluoromethane	<1	*	Styrene	<1
* 1,1-Dichloroethene	<1	*	Bromofom	<2
* Trans-1,2-Dichloroethene	<1	*	o-Xylene	<2
* MTBE	<1	*	1,1,2,2-Tetrachloroethane	<1
* 1,1-Dichloroethane	<1	*	1,2,3-Trichloropropane	<1
* Cis-1,2-Dichloroethene	<1	*	Isopropylbenzene	<1
* 2,2-Dichloropropane	<5	*	Bromobenzene	<1
* Chlorofom	<1	*	n-Propylbenzene	<1
* Bromochloromethane	<1	*	2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	*	4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	*	1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	*	Tert-butylbenzene	<1
* Benzene	<1	*	1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	*	sec-Butylbenzene	<1
* 1,2-Dichloropropane	<1	*	1,4-Dichlorobenzene	<1
* Trichloroethene	5.6	*	1,3-Dichlorobenzene	<1
* Dibromomethane	<1	*	1,2-Dichlorobenzene	<1
* Bromodichloromethane	<1	*	n-Butylbenzene	<1
* 1,1,2-Trichloroethane	<1	*	1,2-Dibromo-3-chloropropane	<1
* Toluene	<2	*	1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	*	Naphthalene	<2
* Dibromochloromethane	<1	*	Hexachlorobutadiene	<5
* 1,2-Dibromoethane	<1	*	1,2,3-Trichlorobenzene	<1

PAGE 25 OF 30

MTBE = Methyl Tertiary Butyl Ether

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3353

Sample : WWC22#1

Depth (m) :

Date of sampling: 14-22.11.06

Date of receipt: 24.11.06

Compound	ug/l		Compound	ug/l
Dichlorodifluoromethane	<1	*	Tetrachloroethene	<1
Chloromethane	<2	*	Chlorobenzene	<1
Vinyl Chloride	<1	*	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	*	Ethylbenzene	<2
Chloroethane	<1	*	m/p-Xylene	<2
Trichlorofluoromethane	<1	*	Styrene	<1
1,1-Dichloroethene	<1	*	Bromoform	<2
Trans-1,2-Dichloroethene	<1	*	o-Xylene	<2
MTBE	<1	*	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	5.7	*	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	<1	*	Isopropylbenzene	<1
2,2-Dichloropropane	<5	*	Bromobenzene	<1
Chloroform	<1	*	n-Propylbenzene	<1
Bromochloromethane	<1	*	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	*	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	*	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	*	Tert-butylbenzene	<1
Benzene	<1	*	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	*	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	*	1,4-Dichlorobenzene	<1
Trichloroethene	1.6	*	1,3-Dichlorobenzene	<1
Dibromomethane	<1	*	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	*	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	*	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	*	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	*	Naphthalene	<2
Dibromochloromethane	<1	*	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	*	1,2,3-Trichlorobenzene	<1



# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3354

Sample : WWC23

Depth (m) :

Date of sampling: 14-22.11.06

Date of receipt: 24.11.06

Compound	ug/l	Compound	ug/l
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<2	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	Ethylbenzene	<2
Chloroethane	<1	m,p-Xylene	<2
Trichlorofluoromethane	<1	Styrene	<1
1,1-Dichloroethene	<1	Bromofom	<2
Trans-1,2-Dichloroethene	<1	o-Xylene	<2
MTBE	<1	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<5	Bromobenzene	<1
Chloroform	<1	n-Propylbenzene	<1
Bromochloromethane	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	<1	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	1,4-Dichlorobenzene	<1
Trichloroethene	1.5	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<2
Dibromochloromethane	<1	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3355

Sample : WWC24

Depth (m) :

Date of sampling: 14-22.11.06

Date of receipt: 24.11.06

Compound	ug/l	Compound	ug/l
* Dichlorodifluoromethane	<1	* Tetrachloroethene	<1
* Chloromethane	<2	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<2	* Ethylbenzene	<2
* Chloroethane	<1	* m/p-Xylene	<2
* Trichlorofluoromethane	<1	* Styrene	<1
* 1,1-Dichloroethene	<1	* Bromoform	<2
* Trans-1,2-Dichloroethene	<1	* o-Xylene	<2
* MTBE	<1	* 1,1,2,2-Tetrachloroethane	<1
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<1
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<5	* Bromobenzene	<1
* Chloroform	<1	* n-Propylbenzene	<1
* Bromochloromethane	<1	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropane	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* 1,2-Dichloropropane	<1	* 1,4-Dichlorobenzene	<1
* Trichloroethene	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<1	* n-Butylbenzene	<1
* 1,1,2-Trichloroethane	<1	* 1,2-Dibromo-3-chloropropane	<1
* Toluene	<2	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<2
* Dibromochloromethane	<1	* Hexachlorobutadiene	<5
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3356

Date of sampling: 14-22.11.06

Sample : WWC25

Date of receipt: 24.11.06

Depth (m) :

Compound	ug/l	Compound	ug/l
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<2	Chlorobenzene	<1
Vinyl Chloride	<1	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	Ethylbenzene	<2
Chloroethane	<1	m/p-Xylene	<2
Trichlorofluoromethane	<1	Styrene	<1
1,1-Dichloroethene	<1	Bromofom	<2
Trans-1,2-Dichloroethene	<1	o-Xylene	<2
MTBE	<1	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	<1	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	<1	Isopropylbenzene	<1
2,2-Dichloropropane	<5	Bromobenzene	<1
Chloroform	<1	n-Propylbenzene	<1
Bromochloromethane	<1	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	4-Chlorotoluene	<1
1,2-Dichloroethane	4.3	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	Tert-butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	1,4-Dichlorobenzene	<1
Trichloroethene	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	Naphthalene	<2
Dibromochloromethane	<1	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	1,2,3-Trichlorobenzene	<1

PAGE 29 OF 30

MTBE = Methyl Tertiary Butyl Ether

# VOC Certificate

Sample Matrix: water

Job Number: 065275

Project Number: 12170626/002

Client: Gallagher Estate Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3357

Sample : WWC26

Depth (m) :

Date of sampling: 14-22.11.06

Date of receipt: 24.11.06

Compound	ug/l		Compound	ug/l
Dichlorodifluoromethane	<1	*	Tetrachloroethene	<1
Chloromethane	<2	*	Chlorobenzene	<1
Vinyl Chloride	<1	*	1,1,1,2-Tetrachloroethane	<1
Bromomethane	<2	*	Ethylbenzene	<2
Chloroethane	<1	*	m/p-Xylene	<2
Trichlorofluoromethane	<1	*	Styrene	<1
1,1-Dichloroethene	<1	*	Bromofom	<2
Trans-1,2-Dichloroethene	<1	*	o-Xylene	<2
MTBE	<1	*	1,1,2,2-Tetrachloroethane	<1
1,1-Dichloroethane	<1	*	1,2,3-Trichloropropane	<1
Cis-1,2-Dichloroethene	<1	*	Isopropylbenzene	<1
2,2-Dichloropropane	<5	*	Bromobenzene	<1
Chloroform	<1	*	n-Propylbenzene	<1
Bromochloromethane	<1	*	2-Chlorotoluene	<1
1,1,1-Trichloroethane	<1	*	4-Chlorotoluene	<1
1,2-Dichloroethane	9.2	*	1,3,5-Trimethylbenzene	<1
1,1-Dichloropropene	<1	*	Tert-butylbenzene	<1
Benzene	<1	*	1,2,4-Trimethylbenzene	<1
Carbon Tetrachloride	<1	*	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	*	1,4-Dichlorobenzene	<1
Trichloroethene	<1	*	1,3-Dichlorobenzene	<1
Dibromomethane	<1	*	1,2-Dichlorobenzene	<1
Bromodichloromethane	<1	*	n-Butylbenzene	<1
1,1,2-Trichloroethane	<1	*	1,2-Dibromo-3-chloropropane	<1
Toluene	<2	*	1,2,4-Trichlorobenzene	<1
1,3-Dichloropropane	<1	*	Naphthalene	<2
Dibromochloromethane	<1	*	Hexachlorobutadiene	<5
1,2-Dibromoethane	<1	*	1,2,3-Trichlorobenzene	<1

PAGE 30 OF 30

MTBE = Methyl Tertiary Butyl Ether



**Reg. 13(1)**

WSP Environmental Ltd  
Unit 5 Centurion Business Centre  
Dabell Avenue  
Blenheim Industrial Estate  
Nottingham  
Nottinghamshire  
NG6 8WA

05 December 2006

**TEST REPORT**

Our Report Number: 06-23895

Your Order Reference: E17/DC5151

11 water samples submitted for analysis on 28/11/2006

Project Name: Northstowe New Town, Longstanton, Cambridge

Project Code: 12170626/002

*Laboratory analysis started on 28/11/2006*

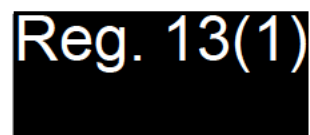
*All laboratory analysis completed by 05 December 2006*

**Reg. 13(1)**



Analytical Reporting Manager  
**ALCONTROL TECHNICHEM**

**Reg. 13(1)**



Project Co-Ordinator  
**ALCONTROL TECHNICHEM**

Test methods are documented in house procedures or where appropriate standard methods. Non accredited tests (if applicable) are identified on each page. Procedures for sampling are outside the scope of the laboratory UKAS accreditation. Opinions and interpretations expressed herein are outside the scope of our UKAS accreditation. All samples connected with this report, including any 'on hold', will be stored and disposed of according to company policy. A copy of this policy is available on request.

**ALcontrol Technichem  
Table Of Results**

Job Number : 06-23895  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridge  
Client : WSP Environmental Ltd

Sample Reference	BHC3	BHC4	BHC5	BHC6	BHC10	Method No	Units	LOD
Sample Depth (m)	-	-	-	-	-			
Date Sampled	14-22/11/06	14-22/11/06	14-22/11/06	14-22/11/06	14-22/11/06			
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06			
Laboratory Reference No	188220	188221	188222	188223	188224			
Analysis								
<b>** EPH SUITE **</b>								
EPH (C10-C16)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	072W <sup>1</sup>	mg/l	0.01
EPH (C16-C24)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	072W	mg/l	0.01
EPH (C24-C40)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	072W	mg/l	0.01
EPH (C10-C40)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	072W <sup>1</sup>	mg/l	0.01
<b>** PHENOLS SUITE **</b>								
Phenol	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	020W <sup>1</sup>	mg/l	0.0005
Cresols	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	020W <sup>1</sup>	mg/l	0.0005
Xylenols & Ethyl Phenols	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	020W <sup>1</sup>	mg/l	0.0005
Naphthols	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	020W <sup>1</sup>	mg/l	0.0005
Propyl or Trimethyl Phenols	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	020W <sup>1</sup>	mg/l	0.0005
Butyl Phenols	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	020W <sup>1</sup>	mg/l	0.0005
Phenols (Speciated Groups Sum)	ND	ND	ND	ND	ND	020W <sup>1</sup>	mg/l	0.0005

# ALcontrol Technichem Table Of Results

**Job Number :** 06-23895  
**Matrix :** Water  
**Project Code:** 12170626/002

**Project Name:** Northstowe New Town, Longstanton, Cambridge  
**Client :** WSP Environmental Ltd

Sample Reference	WWC14#2	WWC15#2	WWC16#2	WWC17#2	WWC19#2	Method No	Units	LOD
Sample Depth (m)	-	-	-	-	-			
Date Sampled	14-22/11/06	14-22/11/06	14-22/11/06	14-22/11/06	14-22/11/06			
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06			
Laboratory Reference No	188225	188226	188227	188228	188229			
Analysis								
<b>** EPH SUITE **</b>								
EPH (C10-C16)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	072W	mg/l	0.01
EPH (C16-C24)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	072W	mg/l	0.01
EPH (C24-C40)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	072W	mg/l	0.01
EPH (C10-C40)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	072W <sup>†</sup>	mg/l	0.01
<b>** PHENOLS SUITE **</b>								
Phenol	< 0.0005	< 0.0005	< 0.0005	0.0014	< 0.0005	020W <sup>†</sup>	mg/l	0.0005
Cresols	< 0.0005	< 0.0005	< 0.0005	0.0034	< 0.0005	020W <sup>†</sup>	mg/l	0.0005
Xylenols & Ethyl Phenols	< 0.0005	< 0.0005	< 0.0005	0.0015	< 0.0005	020W <sup>†</sup>	mg/l	0.0005
Naphthols	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	020W <sup>†</sup>	mg/l	0.0005
Propyl or Trimethyl Phenols	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	020W <sup>†</sup>	mg/l	0.0005
Butyl Phenols	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	020W <sup>†</sup>	mg/l	0.0005
Phenols (Speciated Groups Sum)	ND	ND	ND	0.0063	ND	020W <sup>†</sup>	mg/l	0.0005

<sup>†</sup> ISO 17025 accredited.

<sup>‡</sup> MCERTS accredited for sand, loam and clay.

# ALcontrol Technichem Table Of Results

Job Number : 06-23895  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridge  
Client : WSP Environmental Ltd

Sample Reference	WWC22#2					Method No	Units	LOD
Sample Depth (m)	-							
Date Sampled	14-22/11/06							
Date Scheduled	28/11/06							
Laboratory Reference No	188230							
Analysis								
<b>** EPH SUITE **</b>								
EPH (C10-C16)	0.01					072W	mg/l	0.01
EPH (C16-C24)	0.01					072W	mg/l	0.01
EPH (C24-C40)	< 0.01					072W	mg/l	0.01
EPH (C10-C40)	0.03					072W <sup>1</sup>	mg/l	0.01
<b>** PHENOLS SUITE **</b>								
Phenol	0.14					020W <sup>1</sup>	mg/l	0.0005
Cresols	0.0047					020W <sup>1</sup>	mg/l	0.0005
Xylenols & Ethyl Phenols	0.034					020W <sup>1</sup>	mg/l	0.0005
Naphthols	< 0.0005					020W <sup>1</sup>	mg/l	0.0005
Propyl or Trimethyl Phenols	0.046					020W <sup>1</sup>	mg/l	0.0005
Butyl Phenols	< 0.0005					020W <sup>1</sup>	mg/l	0.0005
Phenols (Speciated Groups Sum)	0.22					020W <sup>1</sup>	mg/l	0.0005

<sup>1</sup> ISO 17025 accredited.

<sup>2</sup> MCERTS accredited for sand, loam and clay.



# ALcontrol Technichem Table Of Results

Job Number : 06-23895  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridge  
Client : WSP Environmental Ltd

Sample Reference	BHC3	BHC4	BHC5	BHC6	BHC10	Method No	Units	LOD
Sample Depth (m)	-	-	-	-	-			
Date Sampled	14-22/11/06	14-22/11/06	14-22/11/06	14-22/11/06	14-22/11/06			
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06			
Laboratory Reference No	188220	188221	188222	188223	188224			
Analysis								
<b>** SVOC SUITE **</b>								
Naphthalene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2-Chloronaphthalene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Acenaphthylene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Acenaphthene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Fluorene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Phenanthrene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Anthracene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Fluoranthene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Pyrene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Benz(a)anthracene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Chrysene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Benzo(b)fluoranthene	< 25	< 25	< 25	< 25	< 25	053W <sup>1</sup>	ug/l	25
Benzo(k)fluoranthene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Benzo(a)pyrene	< 25	< 25	< 25	< 25	< 25	053W <sup>1</sup>	ug/l	25
Dibenzo(a,h)anthracene	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
Indeno(1,2,3-cd)pyrene	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
Benzo(g,h,i)perylene	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
Phenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2-Chlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2-Methylphenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
4-Methylphenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2-Nitrophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4-Dimethylphenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4-Dichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,6-Dichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
4-Chloro-3-methyl phenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4,6-Trichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4,5-Trichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
4-Nitrophenol	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50

<sup>1</sup> ISO 17025 accredited.

<sup>m</sup> MCERTS accredited for sand, loam and clay.

# ALcontrol Technichem Table Of Results

Job Number : 06-23895  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridge  
Client : WSP Environmental Ltd

Sample Reference	BHC3	BHC4	BHC5	BHC6	BHC10	Method No	Units	LOD
Sample Depth (m)	-	-	-	-	-			
Date Sampled	14-22/11/06	14-22/11/06	14-22/11/06	14-22/11/06	14-22/11/06			
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06			
Laboratory Reference No	188220	188221	188222	188223	188224			
Analysis								
<b>** SVOC SUITE Cont. **</b>								
2,3,4,6-Tetrachlorophenol	< 30	< 30	< 30	< 30	< 30	053W <sup>I</sup>	ug/l	30
Pentachlorophenol	< 60	< 60	< 60	< 60	< 60	053W	ug/l	60
Dimethyl Phthalate	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
Diethyl Phthalate	< 30	< 30	< 30	< 30	< 30	053W <sup>I</sup>	ug/l	30
Di-n-butyl phthalate	< 30	< 30	< 30	< 30	< 30	053W <sup>I</sup>	ug/l	30
Butyl benzyl phthalate	< 60	< 60	< 60	< 60	< 60	053W <sup>I</sup>	ug/l	60
Bis(2-chloroethyl)ether	< 15	< 15	< 15	< 15	< 15	053W <sup>I</sup>	ug/l	15
Bis(2-chloroisopropyl)ether	< 10	< 10	< 10	< 10	< 10	053W <sup>I</sup>	ug/l	10
4-Chlorophenyl phenyl ether	< 15	< 15	< 15	< 15	< 15	053W <sup>I</sup>	ug/l	15
Bromo phenyl phenyl ether	< 30	< 30	< 30	< 30	< 30	053W <sup>I</sup>	ug/l	30
1,3-Dichlorobenzene	< 15	< 15	< 15	< 15	< 15	053W <sup>I</sup>	ug/l	15
1,2-Dichlorobenzene	< 10	< 10	< 10	< 10	< 10	053W <sup>I</sup>	ug/l	10
1,4-Dichlorobenzene	< 10	< 10	< 10	< 10	< 10	053W <sup>I</sup>	ug/l	10
Nitrobenzene	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
1,2,4-Trichlorobenzene	< 10	< 10	< 10	< 10	< 10	053W <sup>I</sup>	ug/l	10
2,6-Dinitrotoluene	< 30	< 30	< 30	< 30	< 30	053W <sup>I</sup>	ug/l	30
2,4-Dinitrotoluene	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
Azobenzene	< 30	< 30	< 30	< 30	< 30	053W <sup>I</sup>	ug/l	30
Hexachlorobenzene	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
Hexachloroethane	< 40	< 40	< 40	< 40	< 40	053W <sup>I</sup>	ug/l	40
n-Nitro-n-propyl-1-propanamine	< 15	< 15	< 15	< 15	< 15	053W <sup>I</sup>	ug/l	15
Isophorone	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
Bis(2-chloroethoxy)methane	< 15	< 15	< 15	< 15	< 15	053W <sup>I</sup>	ug/l	15
Hexachlorobutadiene	< 10	< 10	< 10	< 10	< 10	053W <sup>I</sup>	ug/l	10
Anthraquinone	< 30	< 30	< 30	< 30	< 30	053W <sup>I</sup>	ug/l	30
3-nitroaniline	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50
4-nitroaniline	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50
Dibenzofuran	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50
Carbazole	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50

<sup>I</sup> ISO 17025 accredited.

<sup>M</sup> MCERTS accredited for sand, loam and clay.



# ALcontrol Technichem Table Of Results

Job Number : 06-23895  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridge  
Client : WSP Environmental Ltd

Sample Reference	WWC14#2	WWC15#2	WWC16#2	WWC17#2	WWC19#2	Method No	Units	LOD
Sample Depth (m)	-	-	-	-	-			
Date Sampled	14-22/11/06	14-22/11/06	14-22/11/06	14-22/11/06	14-22/11/06			
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06			
Laboratory Reference No	188225	188226	188227	188228	188229			
Analysis								
<b>** SVOC SUITE **</b>								
Naphthalene	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
2-Chloronaphthalene	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
Acenaphthylene	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
Acenaphthene	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
Fluorene	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
Phenanthrene	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
Anthracene	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
Fluoranthene	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
Pyrene	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
Benz(a)anthracene	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
Chrysene	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
Benzo(b)fluoranthene	< 25	< 25	< 25	< 25	< 25	053W <sup>I</sup>	ug/l	25
Benzo(k)fluoranthene	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
Benzo(a)pyrene	< 25	< 25	< 25	< 25	< 25	053W <sup>I</sup>	ug/l	25
Dibenzo(a,h)anthracene	< 40	< 40	< 40	< 40	< 40	053W <sup>I</sup>	ug/l	40
Indeno(1,2,3-cd)pyrene	< 40	< 40	< 40	< 40	< 40	053W <sup>I</sup>	ug/l	40
Benzo(g,h,i)perylene	< 40	< 40	< 40	< 40	< 40	053W <sup>I</sup>	ug/l	40
Phenol	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
2-Chlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
2-Methylphenol	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
4-Methylphenol	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
2-Nitrophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
2,4-Dimethylphenol	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
2,4-Dichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
2,6-Dichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
4-Chloro-3-methyl phenol	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
2,4,6-Trichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
2,4,5-Trichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>I</sup>	ug/l	20
4-Nitrophenol	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50

<sup>I</sup> ISO 17025 accredited.

<sup>M</sup> MCERTS accredited for sand, loam and clay.

# ALcontrol Technichem Table Of Results

Job Number : 06-23895  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridge  
Client : WSP Environmental Ltd

Sample Reference	WWC14#2	WWC15#2	WWC16#2	WWC17#2	WWC19#2	Method No	Units	LOD
Sample Depth (m)	-	-	-	-	-			
Date Sampled	14-22/11/06	14-22/11/06	14-22/11/06	14-22/11/06	14-22/11/06			
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06			
Laboratory Reference No	188225	188226	188227	188228	188229			
Analysis								
<b>** SVOC SUITE Cont. **</b>								
2,3,4,6-Tetrachlorophenol	< 30	< 30	< 30	< 30	< 30	053W	ug/l	30
Pentachlorophenol	< 60	< 60	< 60	< 60	< 60	053W	ug/l	60
Dimethyl Phthalate	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Diethyl Phthalate	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30
Di-n-butyl phthalate	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30
Butyl benzyl phthalate	< 60	< 60	< 60	< 60	< 60	053W <sup>1</sup>	ug/l	60
Bis(2-chloroethyl)ether	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	ug/l	15
Bis(2-chloroisopropyl)ether	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10
4-Chlorophenyl phenyl ether	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	ug/l	15
Bromo phenyl phenyl ether	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30
1,3-Dichlorobenzene	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	ug/l	15
1,2-Dichlorobenzene	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10
1,4-Dichlorobenzene	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10
Nitrobenzene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
1,2,4-Trichlorobenzene	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10
2,6-Dinitrotoluene	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30
2,4-Dinitrotoluene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Azobenzene	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30
Hexachlorobenzene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Hexachloroethane	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
n-Nitro-n-propyl-1-propanamine	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	ug/l	15
Isophorone	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Bis(2-chloroethoxy)methane	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	ug/l	15
Hexachlorobutadiene	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10
Anthraquinone	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30
3-nitroaniline	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50
4-nitroaniline	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50
Dibenzofuran	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50
Carbazole	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50

<sup>1</sup> ISO 17025 accredited.

<sup>2</sup> MCERTS accredited for sand, loam and clay.



# ALcontrol Technichem Table Of Results

Job Number : 06-23895  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridge  
Client : WSP Environmental Ltd

Sample Reference	WWC22#2					Method No	Units	LOD
Sample Depth (m)	-							
Date Sampled	14-22/11/06							
Date Scheduled	28/11/06							
Laboratory Reference No	188230							
Analysis								
<b>** SVOC SUITE **</b>								
Naphthalene	< 20					053W <sup>1</sup>	ug/l	20
2-Chloronaphthalene	< 20					053W <sup>1</sup>	ug/l	20
Acenaphthylene	< 20					053W <sup>1</sup>	ug/l	20
Acenaphthene	< 20					053W <sup>1</sup>	ug/l	20
Fluorene	< 20					053W <sup>1</sup>	ug/l	20
Phenanthrene	< 20					053W <sup>1</sup>	ug/l	20
Anthracene	< 20					053W <sup>1</sup>	ug/l	20
Fluoranthene	< 20					053W <sup>1</sup>	ug/l	20
Pyrene	< 20					053W <sup>1</sup>	ug/l	20
Benz(a)anthracene	< 20					053W <sup>1</sup>	ug/l	20
Chrysene	< 20					053W <sup>1</sup>	ug/l	20
Benzo(b)fluoranthene	< 25					053W <sup>1</sup>	ug/l	25
Benzo(k)fluoranthene	< 20					053W <sup>1</sup>	ug/l	20
Benzo(a)pyrene	< 25					053W <sup>1</sup>	ug/l	25
Dibenzo(a,h)anthracene	< 40					053W <sup>1</sup>	ug/l	40
Indeno(1,2,3-cd)pyrene	< 40					053W <sup>1</sup>	ug/l	40
Benzo(g,h,i)perylene	< 40					053W <sup>1</sup>	ug/l	40
Phenol	< 20					053W <sup>1</sup>	ug/l	20
2-Chlorophenol	< 20					053W <sup>1</sup>	ug/l	20
2-Methylphenol	< 20					053W <sup>1</sup>	ug/l	20
4-Methylphenol	< 20					053W <sup>1</sup>	ug/l	20
2-Nitrophenol	< 20					053W <sup>1</sup>	ug/l	20
2,4-Dimethylphenol	< 20					053W <sup>1</sup>	ug/l	20
2,4-Dichlorophenol	< 20					053W <sup>1</sup>	ug/l	20
2,6-Dichlorophenol	< 20					053W <sup>1</sup>	ug/l	20
4-Chloro-3-methyl phenol	< 20					053W <sup>1</sup>	ug/l	20
2,4,6-Trichlorophenol	< 20					053W <sup>1</sup>	ug/l	20
2,4,5-Trichlorophenol	< 20					053W <sup>1</sup>	ug/l	20
4-Nitrophenol	< 50					053W	ug/l	50

<sup>1</sup> ISO 17025 accredited.

<sup>2</sup> MCERTS accredited for sand, loam and clay.

# ALcontrol Technichem Table Of Results

Job Number : 06-23895  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridge  
Client : WSP Environmental Ltd

Sample Reference	WWC22#2					Method No	Units	LOD
Sample Depth (m)	-							
Date Sampled	14-22/11/06							
Date Scheduled	28/11/06							
Laboratory Reference No	188230							
Analysis								
<b>** SVOC SUITE Cont. **</b>								
2,3,4,6-Tetrachlorophenol	< 30					053W	ug/l	30
Pentachlorophenol	< 60					053W	ug/l	60
Dimethyl Phthalate	< 20					053W <sup>I</sup>	ug/l	20
Diethyl Phthalate	< 30					053W <sup>I</sup>	ug/l	30
Di-n-butyl phthalate	< 30					053W <sup>I</sup>	ug/l	30
Butyl benzyl phthalate	< 60					053W <sup>I</sup>	ug/l	60
Bis(2-chloroethyl)ether	< 15					053W <sup>I</sup>	ug/l	15
Bis(2-chloroisopropyl)ether	< 10					053W <sup>I</sup>	ug/l	10
4-Chlorophenyl phenyl ether	< 15					053W <sup>I</sup>	ug/l	15
Bromo phenyl phenyl ether	< 30					053W <sup>I</sup>	ug/l	30
1,3-Dichlorobenzene	< 15					053W <sup>I</sup>	ug/l	15
1,2-Dichlorobenzene	< 10					053W <sup>I</sup>	ug/l	10
1,4-Dichlorobenzene	< 10					053W <sup>I</sup>	ug/l	10
Nitrobenzene	< 20					053W <sup>I</sup>	ug/l	20
1,2,4-Trichlorobenzene	< 10					053W <sup>I</sup>	ug/l	10
2,6-Dinitrotoluene	< 30					053W <sup>I</sup>	ug/l	30
2,4-Dinitrotoluene	< 20					053W <sup>I</sup>	ug/l	20
Azobenzene	< 30					053W <sup>I</sup>	ug/l	30
Hexachlorobenzene	< 20					053W <sup>I</sup>	ug/l	20
Hexachloroethane	< 40					053W <sup>I</sup>	ug/l	40
n-Nitro-n-propyl-1-propanamine	< 15					053W <sup>I</sup>	ug/l	15
Isophorone	< 20					053W <sup>I</sup>	ug/l	20
Bis(2-chloroethoxy)methane	< 15					053W <sup>I</sup>	ug/l	15
Hexachlorobutadiene	< 10					053W <sup>I</sup>	ug/l	10
Anthraquinone	< 30					053W <sup>I</sup>	ug/l	30
3-nitroaniline	< 50					053W	ug/l	50
4-nitroaniline	< 50					053W	ug/l	50
Dibenzofuran	< 50					053W	ug/l	50
Carbazole	< 50					053W	ug/l	50

<sup>I</sup> ISO 17025 accredited.

<sup>M</sup> MCERTS accredited for sand, loam and clay.





**ALcontrol Technichem  
EPH Description**

Job Number: 06-23895  
Client: WSP Environmental Ltd  
Project Code: 12170626/002

Matrix: Waters  
Project Name: Northstowe New Town, Longstanton, Cambridge

Laboratory Reference No	Sample Reference	Sample Depth (m)	Date Sampled	EPH Description
188220	BHC3	-	14-22/11/06	The sample chromatogram exhibits too little GC-FID amenable material to provide qualitative analysis.
188221	BHC4	-	14-22/11/06	The sample chromatogram exhibits too little GC-FID amenable material to provide qualitative analysis.
188222	BHC5	-	14-22/11/06	The sample chromatogram exhibits too little GC-FID amenable material to provide qualitative analysis.
188223	BHC6	-	14-22/11/06	The sample chromatogram exhibits too little GC-FID amenable material to provide qualitative analysis.
188224	BHC10	-	14-22/11/06	The sample chromatogram exhibits too little GC-FID amenable material to provide qualitative analysis.
188225	WWC14#2	-	14-22/11/06	The sample chromatogram exhibits too little GC-FID amenable material to provide qualitative analysis.
188226	WWC15#2	-	14-22/11/06	The sample chromatogram exhibits too little GC-FID amenable material to provide qualitative analysis.
188227	WWC16#2	-	14-22/11/06	The sample chromatogram exhibits too little GC-FID amenable material to provide qualitative analysis.

## ALcontrol Technichem EPH Description

Job Number: 06-23895  
 Client: WSP Environmental Ltd  
 Project Code: 12170626/002

Matrix: Waters  
 Project Name: Northstowe New Town, Longstanton, Cambridge

Laboratory Reference No	Sample Reference	Sample Depth (m)	Date Sampled	EPH Description
188228	WWC17#2	-	14-22/11/06	The sample chromatogram exhibits too little GC-FID amenable material to provide qualitative analysis.
188229	WWC19#2	-	14-22/11/06	The sample chromatogram exhibits too little GC-FID amenable material to provide qualitative analysis.
188230	WWC22#2	-	14-22/11/06	The sample chromatogram exhibits too little GC-FID amenable material to provide qualitative analysis.

# ALcontrol Technichem

## Table Of Results - Appendix

Job Number : 06-23895

Project Name: Northstowe New Town, Longstanton, Cambridge

Client : WSP Environmental Ltd

Project Code: 12170626/002

**Summary of methods contained within report :**

Method No.	Reference	Description	Wet/Dry Analysis	
072W	In-house method	Determination of cyclopentane extractable hydrocarbons in aqueous samples by large volume injection gas chromatography with flame ionisation detection. Note: UKAS accreditation only applies to C10-C40 and excludes other carbon banding.		
053W	In-house method	Determination of semi-volatile organic compounds in aqueous samples by dichloromethane extraction and GC-MS detection		
020W	In-house method based on Second Site Property: Environmental Assessment Guidance Version 3: March 2003	Determination of phenols in aqueous samples by HPLC with electrochemical detection		



**Reg. 13(1)**

WSP Environmental Ltd  
Unit 5 Centurion Business Centre  
Dabell Avenue  
Blenheim Industrial Estate  
Nottingham  
Nottinghamshire  
NG6 8WA

08 December 2006

**TEST REPORT**

Our Report Number: 06-23885

Your Order Reference: E17/DC5149

27 water samples submitted for analysis on 28/11/2006

Project Name: Northstowe New Town, Longstanton, Cambridgeshire

Project Code: 12170626/002

*Laboratory analysis started on 28/11/2006*

*All laboratory analysis completed by 08 December 2006*

**Reg. 13(1)**



Analytical Reporting Manager  
**ALCONTROL TECHNICHEM**

**Reg. 13(1)**



Project Co-Ordinator  
**ALCONTROL TECHNICHEM**

Test methods are documented in house procedures or where appropriate standard methods. Non accredited tests (if applicable) are identified on each page. Procedures for sampling are outside the scope of the laboratory UKAS accreditation. Opinions and interpretations expressed herein are outside the scope of our UKAS accreditation. All samples connected with this report, including any 'on hold', will be stored and disposed of according to company policy. A copy of this policy is available on request.





## ALcontrol Technichem Table Of Results

Job Number : 06-23885  
 Matrix : Water  
 Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
 Client : WSP Environmental Ltd

Sample Reference	WWC10	WWC11	WWC12	WWC13	WWC14#1	Method No	Units	LOD
Sample Depth (m)	-	-	-	-	-			
Date Sampled	14/11/06	14/11/06	14/11/06	14/11/06	14/11/06			
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06			
Laboratory Reference No	188143	188144	188145	188146	188147			
Analysis								
<b>** PHENOLS SUITE **</b>								
Phenol	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	020W <sup>1</sup>	mg/l	0.0005
Cresols	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	020W <sup>1</sup>	mg/l	0.0005
Xylenols & Ethyl Phenols	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	020W <sup>1</sup>	mg/l	0.0005
Naphthols	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	020W <sup>1</sup>	mg/l	0.0005
Propyl or Trimethyl Phenols	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	020W <sup>1</sup>	mg/l	0.0005
Butyl Phenols	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	020W <sup>1</sup>	mg/l	0.0005
Phenols (Speciated Groups Sum)	ND	ND	ND	ND	ND	020W <sup>1</sup>	mg/l	0.0005

<sup>1</sup> ISO 17025 accredited.

<sup>#</sup> MCERTS accredited for sand, loam and clay.







# ALcontrol Technichem Table Of Results

Job Number : 06-23885  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	WWC25	WWC26				Method No	Units	LOD
Sample Depth (m)	-	-						
Date Sampled	14/11/06	14/11/06						
Date Scheduled	28/11/06	28/11/06						
Laboratory Reference No	188158	188159						
Analysis								
<b>** PHENOLS SUITE **</b>								
Phenol	< 0.0005	< 0.0005				020W <sup>1</sup>	mg/l	0.0005
Cresols	< 0.0005	< 0.0005				020W <sup>1</sup>	mg/l	0.0005
Xylenols & Ethyl Phenols	< 0.0005	< 0.0005				020W <sup>1</sup>	mg/l	0.0005
Naphthols	< 0.0005	< 0.0005				020W <sup>1</sup>	mg/l	0.0005
Propyl or Trimethyl Phenols	< 0.0005	< 0.0005				020W <sup>1</sup>	mg/l	0.0005
Butyl Phenols	< 0.0005	< 0.0005				020W <sup>1</sup>	mg/l	0.0005
Phenols (Speciated Groups Sum)	ND	ND				020W <sup>1</sup>	mg/l	0.0005

<sup>1</sup> ISO 17025 accredited.  
<sup>2</sup> MCERTS accredited for sand, loam and clay.

# ALcontrol Technichem Table Of Results

Job Number : 06-23885  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	WWC27	WWC1#1	WWC2	WWC3	WWC4	Method No.	Units	LOD
Sample Depth (m)	-	-	-	-	-			
Date Sampled	14/11/06	14/11/06	14/11/06	14/11/06	14/11/06			
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06			
Laboratory Reference No	188133	188134	188135	188136	188137			
Analysis								
<b>** CWG SUITE **</b>								
Aliphatic C5-C6	< 0.01	0.02	< 0.01	0.02	< 0.01	CWGW	mg/l	0.01
Aliphatic >C6-C8	< 0.01	0.05	< 0.01	0.30	< 0.01	CWGW	mg/l	0.01
Aliphatic >C8-C10	< 0.01	0.01	< 0.01	0.57	< 0.01	CWGW	mg/l	0.01
Aliphatic >C10-C12	< 0.01	0.03	< 0.01	1.2	< 0.01	CWGW	mg/l	0.01
Aliphatic >C12-C16	< 0.01	< 0.01	< 0.01	47	< 0.01	CWGW	mg/l	0.01
Aliphatic >C16-C21	< 0.01	< 0.01	< 0.01	3.9	< 0.01	CWGW	mg/l	0.01
Aliphatic >C21-C35	< 0.01	< 0.01	< 0.01	0.04	< 0.01	CWGW	mg/l	0.01
Total Aliphatics (C5-C35)	< 0.01	0.11	< 0.01	52.81	< 0.01	CWGW	mg/l	0.01
Aromatic C6-C7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aromatic >C7-C8	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aromatic >C8-C10	< 0.01	0.02	< 0.01	0.85	< 0.01	CWGW	mg/l	0.01
Aromatic >C10-C12	< 0.01	0.05	< 0.01	1.8	< 0.01	CWGW	mg/l	0.01
Aromatic >C12-C16	< 0.01	< 0.01	< 0.01	17	< 0.01	CWGW	mg/l	0.01
Aromatic >C16-C21	< 0.01	< 0.01	< 0.01	3.2	< 0.01	CWGW	mg/l	0.01
Aromatic >C21-C35	< 0.01	< 0.01	< 0.01	0.82	< 0.01	CWGW	mg/l	0.01
Total Aromatics (C5-C35)	< 0.01	0.07	< 0.01	23.5	< 0.01	CWGW	mg/l	0.01
Volatile Hydrocarbons (C5-C12)	< 0.01	0.19	< 0.01	4.70	< 0.01	CWGW	mg/l	0.01
Extractable Hydrocarbons (C12-C35)	< 0.01	< 0.01	< 0.01	71.61	< 0.01	CWGW	mg/l	0.01
Total Hydrocarbons (C5-C35)	< 0.01	0.19	< 0.01	76.31	< 0.01	CWGW	mg/l	0.01
MTBE	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005
Benzene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005
Toluene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005
Ethylbenzene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005
m,p-Xylenes	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005
o-Xylene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005
1,3,5-Trimethylbenzene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005
1,2,4-Trimethylbenzene	< 0.005	< 0.005	< 0.005	0.068	< 0.005	CWGW <sup>1</sup>	mg/l	0.005

Reg. 13(1)

<sup>1</sup> ISO 17025 accredited.

<sup>2</sup> MCERTS accredited for sand, loam and clay.

# ALcontrol Technichem Table Of Results

Job Number : 06-23885  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	WWC5	WWC6	WWC7	WWC8	WWC9	Method No	Units	LOD			
Sample Depth (m)	-	-	-	-	-						
Date Sampled	14/11/06	14/11/06	14/11/06	14/11/06	14/11/06						
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06						
Laboratory Reference No	188138	188139	188140	188141	188142						
Analysis											
<b>** CWG SUITE **</b>											
Aliphatic C5-C6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01			
Aliphatic >C6-C8	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01			
Aliphatic >C8-C10	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01			
Aliphatic >C10-C12	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01			
Aliphatic >C12-C16	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01			
Aliphatic >C16-C21	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01			
Aliphatic >C21-C35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01			
Total Aliphatics (C5-C35)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01			
Aromatic C6-C7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01			
Aromatic >C7-C8	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01			
Aromatic >C8-C10	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01			
Aromatic >C10-C12	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01			
Aromatic >C12-C16	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01			
Aromatic >C16-C21	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01			
Aromatic >C21-C35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01			
Total Aromatics (C5-C35)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01			
Volatile Hydrocarbons (C5-C12)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01			
Extractable Hydrocarbons (C12-C35)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01			
Total Hydrocarbons (C5-C35)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01			
MTBE	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005			
Benzene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>2</sup>	mg/l	0.005			
Toluene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>2</sup>	mg/l	0.005			
Ethylbenzene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005			
m,p-Xylenes	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005			
o-Xylene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>2</sup>	mg/l	0.005			
1,3,5-Trimethylbenzene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005			
1,2,4-Trimethylbenzene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005			

<sup>1</sup> ISO 17025 accredited.

<sup>2</sup> MCERTS accredited for sand, loam and clay.

# ALcontrol Technichem Table Of Results

Job Number : 06-23885  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	WWC10	WWC11	WWC12	WWC13	WWC14#1	Method No	Units	LOD
Sample Depth (m)	-	-	-	-	-			
Date Sampled	14/11/06	14/11/06	14/11/06	14/11/06	14/11/06			
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06			
Laboratory Reference No	188143	188144	188145	188146	188147			
Analysis								
<b>** CWG SUITE</b>								
Aliphatic C5-C6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aliphatic >C6-C8	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aliphatic >C8-C10	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aliphatic >C10-C12	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aliphatic >C12-C16	< 0.01	0.02	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aliphatic >C16-C21	< 0.01	0.02	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aliphatic >C21-C35	0.09	< 0.01	0.21	0.03	0.06	CWGW	mg/l	0.01
Total Aliphatics (C5-C35)	0.09	0.05	0.21	0.03	0.06	CWGW	mg/l	0.01
Aromatic C6-C7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aromatic >C7-C8	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aromatic >C8-C10	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aromatic >C10-C12	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aromatic >C12-C16	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aromatic >C16-C21	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aromatic >C21-C35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Total Aromatics (C5-C35)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Volatile Hydrocarbons (C5-C12)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Extractable Hydrocarbons (C12-C35)	0.09	0.05	0.21	0.03	0.06	CWGW	mg/l	0.01
Total Hydrocarbons (C5-C35)	0.09	0.05	0.21	0.03	0.06	CWGW	mg/l	0.01
MTBE	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005
Benzene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005
Toluene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005
Ethylbenzene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005
m,p-Xylenes	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005
o-Xylene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005
1,3,5-Trimethylbenzene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005
1,2,4-Trimethylbenzene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005

<sup>1</sup> ISO 17025 accredited.

<sup>2</sup> MCERTS accredited for sand, loam and clay.

# ALcontrol Technichem Table Of Results

Job Number : 06-23885  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	WWC15#1	WWC16#1	WWC17#1	WWC18	WWC19#1	Method No	Units	LOD
Sample Depth (m)	-	-	-	-	-			
Date Sampled	14/11/06	14/11/06	14/11/06	14/11/06	14/11/06			
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06			
Laboratory Reference No	188148	188149	188150	188151	188152			
Analysis								
<b>** CWG SUITE **</b>								
Aliphatic C5-C6	< 0.01	< 0.01	0.02	< 0.01	< 0.01	CWGW	mg/l	0.01
Aliphatic >C6-C8	< 0.01	< 0.01	3.9	< 0.01	< 0.01	CWGW	mg/l	0.01
Aliphatic >C8-C10	< 0.01	< 0.01	0.62	< 0.01	< 0.01	CWGW	mg/l	0.01
Aliphatic >C10-C12	< 0.01	< 0.01	0.37	< 0.01	< 0.01	CWGW	mg/l	0.01
Aliphatic >C12-C16	< 0.01	< 0.01	0.53	< 0.01	< 0.01	CWGW	mg/l	0.01
Aliphatic >C16-C21	< 0.01	< 0.01	0.07	< 0.01	< 0.01	CWGW	mg/l	0.01
Aliphatic >C21-C35	0.04	0.04	< 0.01	0.02	0.01	CWGW	mg/l	0.01
Total Aliphatics (C5-C35)	0.04	0.04	5.52	0.02	0.01	CWGW	mg/l	0.01
Aromatic C6-C7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aromatic >C7-C8	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aromatic >C8-C10	< 0.01	< 0.01	0.93	< 0.01	< 0.01	CWGW	mg/l	0.01
Aromatic >C10-C12	< 0.01	< 0.01	0.56	< 0.01	< 0.01	CWGW	mg/l	0.01
Aromatic >C12-C16	< 0.01	< 0.01	0.08	< 0.01	< 0.01	CWGW	mg/l	0.01
Aromatic >C16-C21	< 0.01	< 0.01	0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aromatic >C21-C35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Total Aromatics (C5-C35)	< 0.01	< 0.01	1.56	< 0.01	< 0.01	CWGW	mg/l	0.01
Volatile Hydrocarbons (C5-C12)	< 0.01	< 0.01	6.41	< 0.01	< 0.01	CWGW	mg/l	0.01
Extractable Hydrocarbons (C12-C35)	0.04	0.04	0.67	0.02	0.01	CWGW	mg/l	0.01
Total Hydrocarbons (C5-C35)	0.04	0.04	7.08	0.02	0.01	CWGW	mg/l	0.01
MTBE	< 0.005	< 0.005	0.32	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005
Benzene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005
Toluene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005
Ethylbenzene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005
m,p-Xylenes	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005
o-Xylene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005
1,3,5-Trimethylbenzene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005
1,2,4-Trimethylbenzene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005

<sup>1</sup> ISO 17025 accredited.

<sup>2</sup> MCERTS accredited for sand, loam and clay.

# ALcontrol Technichem Table Of Results

Job Number : 06-23885  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	WWC20	WWC21	WWC22#1	WWC23	WWC24	Method No	Units	LOD
Sample Depth (m)	-	-	-	-	-			
Date Sampled	14/11/06	14/11/06	14/11/06	14/11/06	14/11/06			
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06			
Laboratory Reference No	188153	188154	188155	188156	188157			
Analysis								
<b>** CWG SUITE **</b>								
Aliphatic C5-C6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aliphatic >C6-C8	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aliphatic >C8-C10	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aliphatic >C10-C12	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aliphatic >C12-C16	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aliphatic >C16-C21	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aliphatic >C21-C35	< 0.01	0.03	< 0.01	0.22	< 0.01	CWGW	mg/l	0.01
Total Aliphatics (C5-C35)	< 0.01	0.03	< 0.01	0.22	< 0.01	CWGW	mg/l	0.01
Aromatic C6-C7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aromatic >C7-C8	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aromatic >C8-C10	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aromatic >C10-C12	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aromatic >C12-C16	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aromatic >C16-C21	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Aromatic >C21-C35	< 0.01	< 0.01	< 0.01	0.20	< 0.01	CWGW	mg/l	0.01
Total Aromatics (C5-C35)	< 0.01	< 0.01	< 0.01	0.20	< 0.01	CWGW	mg/l	0.01
Volatile Hydrocarbons (C5-C12)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	CWGW	mg/l	0.01
Extractable Hydrocarbons (C12-C35)	< 0.01	0.03	< 0.01	0.42	< 0.01	CWGW	mg/l	0.01
Total Hydrocarbons (C5-C35)	< 0.01	0.03	< 0.01	0.42	< 0.01	CWGW	mg/l	0.01
MTBE	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>1</sup>	mg/l	0.005
Benzene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>2</sup>	mg/l	0.005
Toluene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>2</sup>	mg/l	0.005
Ethylbenzene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>2</sup>	mg/l	0.005
m,p-Xylenes	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>2</sup>	mg/l	0.005
o-Xylene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>2</sup>	mg/l	0.005
1,3,5-Trimethylbenzene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>2</sup>	mg/l	0.005
1,2,4-Trimethylbenzene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	CWGW <sup>2</sup>	mg/l	0.005

<sup>1</sup> ISO 17025 accredited.

<sup>2</sup> MCERTS accredited for sand, loam and clay.



# ALcontrol Technichem Table Of Results

Job Number : 06-23885  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	WWC25	WWC26				Method No	Units	LOD
Sample Depth (m)	-	-						
Date Sampled	14/11/06	14/11/06						
Date Scheduled	28/11/06	28/11/06						
Laboratory Reference No	188158	188159						
Analysis								
<b>** CWG SUITE **</b>								
Aliphatic C5-C6	< 0.01	< 0.01				CWGW	mg/l	0.01
Aliphatic >C6-C8	0.01	< 0.01				CWGW	mg/l	0.01
Aliphatic >C8-C10	< 0.01	< 0.01				CWGW	mg/l	0.01
Aliphatic >C10-C12	< 0.01	< 0.01				CWGW	mg/l	0.01
Aliphatic >C12-C16	< 0.01	< 0.01				CWGW	mg/l	0.01
Aliphatic >C16-C21	< 0.01	< 0.01				CWGW	mg/l	0.01
Aliphatic >C21-C35	< 0.01	< 0.01				CWGW	mg/l	0.01
Total Aliphatics (C5-C35)	0.01	< 0.01				CWGW	mg/l	0.01
Aromatic C6-C7	< 0.01	< 0.01				CWGW	mg/l	0.01
Aromatic >C7-C8	< 0.01	< 0.01				CWGW	mg/l	0.01
Aromatic >C8-C10	< 0.01	< 0.01				CWGW	mg/l	0.01
Aromatic >C10-C12	0.01	< 0.01				CWGW	mg/l	0.01
Aromatic >C12-C16	< 0.01	< 0.01				CWGW	mg/l	0.01
Aromatic >C16-C21	< 0.01	< 0.01				CWGW	mg/l	0.01
Aromatic >C21-C35	< 0.01	< 0.01				CWGW	mg/l	0.01
Total Aromatics (C5-C35)	0.01	< 0.01				CWGW	mg/l	0.01
Volatile Hydrocarbons (C5-C12)	0.02	< 0.01				CWGW	mg/l	0.01
Extractable Hydrocarbons (C12-C35)	< 0.01	< 0.01				CWGW	mg/l	0.01
Total Hydrocarbons (C5-C35)	0.02	< 0.01				CWGW	mg/l	0.01
MTBE	< 0.005	< 0.005				CWGW <sup>1</sup>	mg/l	0.005
Benzene	< 0.005	< 0.005				CWGW <sup>2</sup>	mg/l	0.005
Toluene	< 0.005	< 0.005				CWGW <sup>2</sup>	mg/l	0.005
Ethylbenzene	< 0.005	< 0.005				CWGW <sup>2</sup>	mg/l	0.005
m,p-Xylenes	< 0.005	< 0.005				CWGW <sup>1</sup>	mg/l	0.005
o-Xylene	< 0.005	< 0.005				CWGW <sup>1</sup>	mg/l	0.005
1,3,5-Trimethylbenzene	< 0.005	< 0.005				CWGW <sup>2</sup>	mg/l	0.005
1,2,4-Trimethylbenzene	< 0.005	< 0.005				CWGW <sup>2</sup>	mg/l	0.005

<sup>1</sup> ISO 17025 accredited.

<sup>2</sup> MCERTS accredited for sand, loam and clay.

# ALcontrol Technichem Table Of Results

Job Number : 06-23885  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	WWC27	WWC1#1	WWC2	WWC3	WWC4	Method No	Units	LOD
Sample Depth (m)	-	-	-	-	-			
Date Sampled	14/11/06	14/11/06	14/11/06	14/11/06	14/11/06			
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06			
Laboratory Reference No	188133	188134	188135	188136	188137			
Analysis								
<b>** SVOC SUITE **</b>								
Naphthalene	< 20	< 20	< 20	250	< 20	053W <sup>1</sup>	ug/l	20
2-Chloronaphthalene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Acenaphthylene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Acenaphthene	< 20	< 20	< 20	120	< 20	053W <sup>1</sup>	ug/l	20
Fluorene	< 20	< 20	< 20	74	< 20	053W <sup>1</sup>	ug/l	20
Phenanthrene	< 20	< 20	< 20	240	< 20	053W <sup>1</sup>	ug/l	20
Anthracene	< 20	< 20	< 20	58	< 20	053W <sup>1</sup>	ug/l	20
Fluoranthene	< 20	< 20	< 20	150	< 20	053W <sup>1</sup>	ug/l	20
Pyrene	< 20	< 20	< 20	120	< 20	053W <sup>1</sup>	ug/l	20
Benz(a)anthracene	< 20	< 20	< 20	41	< 20	053W <sup>1</sup>	ug/l	20
Chrysene	< 20	< 20	< 20	33	< 20	053W <sup>1</sup>	ug/l	20
Benzo(b)fluoranthene	< 25	< 25	< 25	30	< 25	053W <sup>1</sup>	ug/l	25
Benzo(k)fluoranthene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Benzo(a)pyrene	< 25	< 25	< 25	< 25	< 25	053W <sup>1</sup>	ug/l	25
Dibenzo(a,h)anthracene	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
Indeno(1,2,3-cd)pyrene	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
Benzo(g,h,i)perylene	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
Phenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2-Chlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2-Methylphenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
4-Methylphenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2-Nitrophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4-Dimethylphenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4-Dichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,6-Dichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
4-Chloro-3-methyl phenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4,6-Trichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4,5-Trichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
4-Nitrophenol	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50

<sup>1</sup> ISO 17025 accredited.

<sup>M</sup> MCERTS accredited for sand, loam and clay.

# ALcontrol Technichem Table Of Results

Job Number : 06-23885  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	WWC27	WWC1#1	WWC2	WWC3	WWC4	Method No	Units	LOD
Sample Depth (m)	-	-	-	-	-			
Date Sampled	14/11/06	14/11/06	14/11/06	14/11/06	14/11/06			
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06			
Laboratory Reference No	188133	188134	188135	188136	188137			
Analysis								
<b>** SVOC SUITE Cont. **</b>								
2,3,4,6-Tetrachlorophenol	< 30	< 30	< 30	< 30	< 30	053W	ug/l	30
Pentachlorophenol	< 60	< 60	< 60	< 60	< 60	053W	ug/l	60
Dimethyl Phthalate	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Diethyl Phthalate	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30
Di-n-butyl phthalate	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30
Butyl benzyl phthalate	< 60	< 60	< 60	< 60	< 60	053W <sup>1</sup>	ug/l	60
Bis(2-chloroethyl)ether	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	ug/l	15
Bis(2-chloroisopropyl)ether	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10
4-Chlorophenyl phenyl ether	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	ug/l	15
Bromo phenyl phenyl ether	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30
1,3-Dichlorobenzene	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	ug/l	15
1,2-Dichlorobenzene	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10
1,4-Dichlorobenzene	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10
Nitrobenzene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
1,2,4-Trichlorobenzene	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10
2,6-Dinitrotoluene	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30
2,4-Dinitrotoluene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Azobenzene	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30
Hexachlorobenzene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Hexachloroethane	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
n-Nitro-n-propyl-1-propanamine	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	ug/l	15
Isophorone	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Bis(2-chloroethoxy)methane	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	ug/l	15
Hexachlorobutadiene	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10
Anthraquinone	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30
Dibenzofuran	< 50	< 50	< 50	63	< 50	053W	ug/l	50
Aniline	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
2-Methylnapthalene	< 50	< 50	< 50	190	< 50	053W	ug/l	50
Bis (2-ethylhexyl) phthalate	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50

<sup>1</sup> ISO 17025 accredited.

<sup>2</sup> MCERTS accredited for sand, loam and clay.

# ALcontrol Technichem Table Of Results

Job Number : 06-23885  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	WWC27	WWC1#1	WWC2	WWC3	WWC4	Method No	Units	LOD			
Sample Depth (m)	-	-	-	-	-						
Date Sampled	14/11/06	14/11/06	14/11/06	14/11/06	14/11/06						
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06						
Laboratory Reference No	188133	188134	188135	188136	188137						
<b>Analysis</b>											
4-Chloroaniline	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50			
Hexachlorocyclopentadiene	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50			
4-nitroaniline	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50			
2-nitroaniline	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50			
3-nitroaniline	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50			
Carbazole	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50			
Biphenyl	< 40	< 40	< 40	< 40	< 40	053W	ug/l	40			

<sup>1</sup> ISO 17025 accredited.  
<sup>M</sup> MCERTS accredited for sand, loam and clay.

# ALcontrol Technichem Table Of Results

Job Number : 06-23885  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	WWC5	WWC6	WWC7	WWC8	WWC9	Method No	Units	LOD
Sample Depth (m)	-	-	-	-	-			
Date Sampled	14/11/06	14/11/06	14/11/06	14/11/06	14/11/06			
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06			
Laboratory Reference No	188138	188139	188140	188141	188142			
Analysis								
<b>** SVOC SUITE **</b>								
Naphthalene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2-Chloronaphthalene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Acenaphthylene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Acenaphthene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Fluorene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Phenanthrene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Anthracene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Fluoranthene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Pyrene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Benz(a)anthracene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Chrysene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Benzo(b)fluoranthene	< 25	< 25	< 25	< 25	< 25	053W <sup>1</sup>	ug/l	25
Benzo(k)fluoranthene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Benzo(a)pyrene	< 25	< 25	< 25	< 25	< 25	053W <sup>1</sup>	ug/l	25
Dibenzo(a,h)anthracene	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
Indeno(1,2,3-cd)pyrene	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
Benzo(g,h,i)perylene	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
Phenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2-Chlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2-Methylphenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
4-Methylphenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2-Nitrophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4-Dimethylphenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4-Dichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,6-Dichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
4-Chloro-3-methyl phenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4,6-Trichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4,5-Trichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
4-Nitrophenol	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50

<sup>1</sup> ISO 17025 accredited.

<sup>2</sup> MCERTS accredited for sand, loam and clay.

# ALcontrol Technichem Table Of Results

Job Number : 06-23885  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	WWC5	WWC6	WWC7	WWC8	WWC9	Method No	Units	LOD
Sample Depth (m)	-	-	-	-	-			
Date Sampled	14/11/06	14/11/06	14/11/06	14/11/06	14/11/06			
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06			
Laboratory Reference No	188138	188139	188140	188141	188142			
Analysis								
<b>** SVOC SUITE Cont. **</b>								
2,3,4,6-Tetrachlorophenol	< 30	< 30	< 30	< 30	< 30	053W	ug/l	30
Pentachlorophenol	< 60	< 60	< 60	< 60	< 60	053W	ug/l	60
Dimethyl Phthalate	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Diethyl Phthalate	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30
Di-n-butyl phthalate	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30
Butyl benzyl phthalate	< 60	< 60	< 60	< 60	< 60	053W <sup>1</sup>	ug/l	60
Bis(2-chloroethyl)ether	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	ug/l	15
Bis(2-chloroisopropyl)ether	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10
4-Chlorophenyl phenyl ether	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	ug/l	15
Bromo phenyl phenyl ether	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30
1,3-Dichlorobenzene	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	ug/l	15
1,2-Dichlorobenzene	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10
1,4-Dichlorobenzene	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10
Nitrobenzene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
1,2,4-Trichlorobenzene	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10
2,6-Dinitrotoluene	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30
2,4-Dinitrotoluene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Azobenzene	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30
Hexachlorobenzene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Hexachloroethane	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
n-Nitro-n-propyl-1-propanamine	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	ug/l	15
Isophorone	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Bis(2-chloroethoxy)methane	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	ug/l	15
Hexachlorobutadiene	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10
Anthraquinone	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30
Dibenzofuran	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50
Aniline	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
2-Methylnapthalene	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50
Bis (2-ethylhexyl) phthalate	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50

<sup>1</sup> ISO 17025 accredited.

<sup>M</sup> MCERTS accredited for sand, loam and clay.

## ALcontrol Technichem Table Of Results

Job Number : 06-23885  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	WWC5	WWC6	WWC7	WWC8	WWC9	Method No	Units	LOD			
Sample Depth (m)	-	-	-	-	-						
Date Sampled	14/11/06	14/11/06	14/11/06	14/11/06	14/11/06						
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06						
Laboratory Reference No	188138	188139	188140	188141	188142						
<b>Analysis</b>											
4-Chloroaniline	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50			
Hexachlorocyclopentadiene	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50			
4-nitroaniline	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50			
2-nitroaniline	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50			
3-nitroaniline	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50			
Carbazole	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50			
Biphenyl	< 40	< 40	< 40	< 40	< 40	053W	ug/l	40			

<sup>1</sup> ISO 17025 accredited.

<sup>x</sup> MCERTS accredited for sand, loam and clay.

# ALcontrol Technichem Table Of Results

Job Number : 06-23885  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	WWC10	WWC11	WWC12	WWC13	WWC14#1	Method No	Units	LOD
Sample Depth (m)	-	-	-	-	-			
Date Sampled	14/11/06	14/11/06	14/11/06	14/11/06	14/11/06			
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06			
Laboratory Reference No	188143	188144	188145	188146	188147			
Analysis								
<b>** SVOC SUITE **</b>								
Naphthalene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2-Chloronaphthalene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Acenaphthylene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Acenaphthene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Fluorene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Phenanthrene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Anthracene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Fluoranthene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Pyrene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Benz(a)anthracene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Chrysene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Benzo(b)fluoranthene	< 25	< 25	< 25	< 25	< 25	053W <sup>1</sup>	ug/l	25
Benzo(k)fluoranthene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Benzo(a)pyrene	< 25	< 25	< 25	< 25	< 25	053W <sup>1</sup>	ug/l	25
Dibenzo(a,h)anthracene	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
Indeno(1,2,3-cd)pyrene	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
Benzo(g,h,i)perylene	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
Phenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2-Chlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2-Methylphenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
4-Methylphenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2-Nitrophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4-Dimethylphenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4-Dichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,6-Dichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
4-Chloro-3-methyl phenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4,6-Trichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4,5-Trichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
4-Nitrophenol	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50

<sup>1</sup> ISO 17025 accredited.

<sup>m</sup> MCERTS accredited for sand, loam and clay.



## ALcontrol Technichem Table Of Results

Job Number : 06-23885  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	WWC10	WWC11	WWC12	WWC13	WWC14#1	Method No	Units	LOD
Sample Depth (m)	-	-	-	-	-			
Date Sampled	14/11/06	14/11/06	14/11/06	14/11/06	14/11/06			
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06			
Laboratory Reference No	188143	188144	188145	188146	188147			
<b>Analysis</b>								
<b>** SVOC SUITE Cont. **</b>								
2,3,4,6-Tetrachlorophenol	< 30	< 30	< 30	< 30	< 30	053W	ug/l	30
Pentachlorophenol	< 60	< 60	< 60	< 60	< 60	053W	ug/l	60
Dimethyl Phthalate	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Diethyl Phthalate	< 30	< 30	< 30	< 30	< 30	053W <sup>2</sup>	ug/l	30
Di-n-butyl phthalate	< 30	< 30	< 30	< 30	< 30	053W <sup>2</sup>	ug/l	30
Butyl benzyl phthalate	< 60	< 60	< 60	< 60	< 60	053W <sup>1</sup>	ug/l	60
Bis(2-chloroethyl)ether	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	ug/l	15
Bis(2-chloroisopropyl)ether	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10
4-Chlorophenyl phenyl ether	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	ug/l	15
Bromo phenyl phenyl ether	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30
1,3-Dichlorobenzene	< 15	< 15	< 15	< 15	< 15	053W <sup>2</sup>	ug/l	15
1,2-Dichlorobenzene	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10
1,4-Dichlorobenzene	< 10	< 10	< 10	< 10	< 10	053W <sup>2</sup>	ug/l	10
Nitrobenzene	< 20	< 20	< 20	< 20	< 20	053W <sup>2</sup>	ug/l	20
1,2,4-Trichlorobenzene	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10
2,6-Dinitrotoluene	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30
2,4-Dinitrotoluene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Azobenzene	< 30	< 30	< 30	< 30	< 30	053W <sup>2</sup>	ug/l	30
Hexachlorobenzene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Hexachloroethane	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
n-Nitro-n-propyl-1-propanamine	< 15	< 15	< 15	< 15	< 15	053W <sup>2</sup>	ug/l	15
Isophorone	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Bis(2-chloroethoxy)methane	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	ug/l	15
Hexachlorobutadiene	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10
Anthraquinone	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30
Dibenzofuran	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50
Aniline	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
2-Methylnapthalene	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50
Bis (2-ethylhexyl) phthalate	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50

<sup>1</sup> ISO 17025 accredited.

<sup>2</sup> MCERTS accredited for sand, loam and clay.



# ALcontrol Technichem Table Of Results

Job Number : 06-23885  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	WWC15#1	WWC16#1	WWC17#1	WWC18	WWC19#1	Method No	Units	LOD
Sample Depth (m)	-	-	-	-	-			
Date Sampled	14/11/06	14/11/06	14/11/06	14/11/06	14/11/06			
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06			
Laboratory Reference No	188148	188149	188150	188151	188152			
<b>Analysis</b>								
<b>** SVOC SUITE **</b>								
Naphthalene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2-Chloronaphthalene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Acenaphthylene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Acenaphthene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Fluorene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Phenanthrene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Anthracene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Fluoranthene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Pyrene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Benz(a)anthracene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Chrysene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Benzo(b)fluoranthene	< 25	< 25	< 25	< 25	< 25	053W <sup>1</sup>	ug/l	25
Benzo(k)fluoranthene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Benzo(a)pyrene	< 25	< 25	< 25	< 25	< 25	053W <sup>1</sup>	ug/l	25
Dibenzo(a,h)anthracene	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
Indeno(1,2,3-cd)pyrene	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
Benzo(g,h,i)perylene	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
Phenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2-Chlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2-Methylphenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
4-Methylphenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2-Nitrophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4-Dimethylphenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4-Dichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,6-Dichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
4-Chloro-3-methyl phenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4,6-Trichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4,5-Trichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
4-Nitrophenol	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50

<sup>1</sup> ISO 17025 accredited.

<sup>2</sup> MCERTS accredited for sand, loam and clay.

## ALcontrol Technichem Table Of Results

Job Number : 06-23885  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	WWC15#1	WWC16#1	WWC17#1	WWC18	WWC19#1	Method No	Units	LOD
Sample Depth (m)	-	-	-	-	-			
Date Sampled	14/11/06	14/11/06	14/11/06	14/11/06	14/11/06			
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06			
Laboratory Reference No	188148	188149	188150	188151	188152			
Analysis								
<b>** SVOC SUITE Cont. **</b>								
2,3,4,6-Tetrachlorophenol	< 30	< 30	< 30	< 30	< 30	053W	ug/l	30
Pentachlorophenol	< 60	< 60	< 60	< 60	< 60	053W	ug/l	60
Dimethyl Phthalate	< 20	< 20	< 20	< 20	< 20	053W <sup>†</sup>	ug/l	20
Diethyl Phthalate	< 30	< 30	< 30	< 30	< 30	053W <sup>†</sup>	ug/l	30
Di-n-butyl phthalate	< 30	< 30	< 30	< 30	< 30	053W <sup>†</sup>	ug/l	30
Butyl benzyl phthalate	< 60	< 60	< 60	< 60	< 60	053W <sup>†</sup>	ug/l	60
Bis(2-chloroethyl)ether	< 15	< 15	< 15	< 15	< 15	053W <sup>†</sup>	ug/l	15
Bis(2-chloroisopropyl)ether	< 10	< 10	< 10	< 10	< 10	053W <sup>†</sup>	ug/l	10
4-Chlorophenyl phenyl ether	< 15	< 15	< 15	< 15	< 15	053W <sup>†</sup>	ug/l	15
Bromo phenyl phenyl ether	< 30	< 30	< 30	< 30	< 30	053W <sup>†</sup>	ug/l	30
1,3-Dichlorobenzene	< 15	< 15	< 15	< 15	< 15	053W <sup>†</sup>	ug/l	15
1,2-Dichlorobenzene	< 10	< 10	< 10	< 10	< 10	053W <sup>†</sup>	ug/l	10
1,4-Dichlorobenzene	< 10	< 10	< 10	< 10	< 10	053W <sup>†</sup>	ug/l	10
Nitrobenzene	< 20	< 20	< 20	< 20	< 20	053W <sup>†</sup>	ug/l	20
1,2,4-Trichlorobenzene	< 10	< 10	< 10	< 10	< 10	053W <sup>†</sup>	ug/l	10
2,6-Dinitrotoluene	< 30	< 30	< 30	< 30	< 30	053W <sup>†</sup>	ug/l	30
2,4-Dinitrotoluene	< 20	< 20	< 20	< 20	< 20	053W <sup>†</sup>	ug/l	20
Azobenzene	< 30	< 30	< 30	< 30	< 30	053W <sup>†</sup>	ug/l	30
Hexachlorobenzene	< 20	< 20	< 20	< 20	< 20	053W <sup>†</sup>	ug/l	20
Hexachloroethane	< 40	< 40	< 40	< 40	< 40	053W <sup>†</sup>	ug/l	40
n-Nitro-n-propyl-1-propanamine	< 15	< 15	< 15	< 15	< 15	053W <sup>†</sup>	ug/l	15
Isophorone	< 20	< 20	< 20	< 20	< 20	053W <sup>†</sup>	ug/l	20
Bis(2-chloroethoxy)methane	< 15	< 15	< 15	< 15	< 15	053W <sup>†</sup>	ug/l	15
Hexachlorobutadiene	< 10	< 10	< 10	< 10	< 10	053W <sup>†</sup>	ug/l	10
Anthraquinone	< 30	< 30	< 30	< 30	< 30	053W <sup>†</sup>	ug/l	30
Dibenzofuran	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50
Aniline	< 40	< 40	< 40	< 40	< 40	053W <sup>†</sup>	ug/l	40
2-Methylnapthalene	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50
Bis (2-ethylhexyl) phthalate	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50

<sup>†</sup> ISO 17025 accredited.

<sup>††</sup> MCERTS accredited for sand, loam and clay.



# ALcontrol Technichem Table Of Results

Job Number : 06-23885  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	WWC20	WWC21	WWC22#1	WWC23	WWC24	Method No	Units	LOD
Sample Depth (m)	-	-	-	-	-			
Date Sampled	14/11/06	14/11/06	14/11/06	14/11/06	14/11/06			
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06			
Laboratory Reference No	188153	188154	188155	188156	188157			
Analysis								
<b>** SVOC SUITE **</b>								
Naphthalene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2-Chloronaphthalene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Acenaphthylene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Acenaphthene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Fluorene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Phenanthrene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Anthracene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Fluoranthene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Pyrene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Benz(a)anthracene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Chrysene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Benzo(b)fluoranthene	< 25	< 25	< 25	< 25	< 25	053W <sup>1</sup>	ug/l	25
Benzo(k)fluoranthene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
Benzo(a)pyrene	< 25	< 25	< 25	< 25	< 25	053W <sup>1</sup>	ug/l	25
Dibenzo(a,h)anthracene	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
Indeno(1,2,3-cd)pyrene	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
Benzo(g,h,i)perylene	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40
Phenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2-Chlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2-Methylphenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
4-Methylphenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2-Nitrophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4-Dimethylphenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4-Dichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,6-Dichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
4-Chloro-3-methyl phenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4,6-Trichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
2,4,5-Trichlorophenol	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20
4-Nitrophenol	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50

<sup>1</sup> ISO 17025 accredited.

<sup>m</sup> MCERTS accredited for sand, loam and clay.

# ALcontrol Technichem Table Of Results

Job Number : 06-23885  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	WWC20	WWC21	WWC22#1	WWC23	WWC24	Method No	Units	LOD			
Sample Depth (m)	-	-	-	-	-						
Date Sampled	14/11/06	14/11/06	14/11/06	14/11/06	14/11/06						
Date Scheduled	28/11/06	28/11/06	28/11/06	28/11/06	28/11/06						
Laboratory Reference No	188153	188154	188155	188156	188157						
Analysis											
<b>** SVOC SUITE Cont.</b>											
2,3,4,6-Tetrachlorophenol	< 30	< 30	< 30	< 30	< 30	053W	ug/l	30			
Pentachlorophenol	< 60	< 60	< 60	< 60	< 60	053W	ug/l	60			
Dimethyl Phthalate	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20			
Diethyl Phthalate	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30			
Di-n-butyl phthalate	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30			
Butyl benzyl phthalate	< 60	< 60	< 60	< 60	< 60	053W <sup>1</sup>	ug/l	60			
Bis(2-chloroethyl)ether	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	ug/l	15			
Bis(2-chloroisopropyl)ether	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10			
4-Chlorophenyl phenyl ether	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	ug/l	15			
Bromo phenyl phenyl ether	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30			
1,3-Dichlorobenzene	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	ug/l	15			
1,2-Dichlorobenzene	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10			
1,4-Dichlorobenzene	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10			
Nitrobenzene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20			
1,2,4-Trichlorobenzene	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10			
2,6-Dinitrotoluene	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30			
2,4-Dinitrotoluene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20			
Azobenzene	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30			
Hexachlorobenzene	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20			
Hexachloroethane	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40			
n-Nitro-n-propyl-1-propanamine	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	ug/l	15			
Isophorone	< 20	< 20	< 20	< 20	< 20	053W <sup>1</sup>	ug/l	20			
Bis(2-chloroethoxy)methane	< 15	< 15	< 15	< 15	< 15	053W <sup>1</sup>	ug/l	15			
Hexachlorobutadiene	< 10	< 10	< 10	< 10	< 10	053W <sup>1</sup>	ug/l	10			
Anthraquinone	< 30	< 30	< 30	< 30	< 30	053W <sup>1</sup>	ug/l	30			
Dibenzofuran	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50			
Aniline	< 40	< 40	< 40	< 40	< 40	053W <sup>1</sup>	ug/l	40			
2-Methylnaphthalene	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50			
Bis (2-ethylhexyl) phthalate	< 50	< 50	< 50	< 50	< 50	053W	ug/l	50			

<sup>1</sup> ISO 17025 accredited.

<sup>2</sup> MCERTS accredited for sand, loam and clay.





# ALcontrol Technichem Table Of Results

Job Number : 06-23885  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	WWC25	WWC26				Method No	Units	LOD
Sample Depth (m)	-	-						
Date Sampled	14/11/06	14/11/06						
Date Scheduled	28/11/06	28/11/06						
Laboratory Reference No	188158	188159						
Analysis								
<b>** SVOC SUITE **</b>								
Naphthalene	< 20	< 20				053W <sup>1</sup>	ug/l	20
2-Chloronaphthalene	< 20	< 20				053W <sup>1</sup>	ug/l	20
Acenaphthylene	< 20	< 20				053W <sup>1</sup>	ug/l	20
Acenaphthene	< 20	< 20				053W <sup>1</sup>	ug/l	20
Fluorene	< 20	< 20				053W <sup>1</sup>	ug/l	20
Phenanthrene	< 20	< 20				053W <sup>1</sup>	ug/l	20
Anthracene	< 20	< 20				053W <sup>1</sup>	ug/l	20
Fluoranthene	< 20	< 20				053W <sup>1</sup>	ug/l	20
Pyrene	< 20	< 20				053W <sup>1</sup>	ug/l	20
Benz(a)anthracene	< 20	< 20				053W <sup>1</sup>	ug/l	20
Chrysene	< 20	< 20				053W <sup>1</sup>	ug/l	20
Benzo(b)fluoranthene	< 25	< 25				053W <sup>1</sup>	ug/l	25
Benzo(k)fluoranthene	< 20	< 20				053W <sup>1</sup>	ug/l	20
Benzo(a)pyrene	< 25	< 25				053W <sup>1</sup>	ug/l	25
Dibenzo(a,h)anthracene	< 40	< 40				053W <sup>1</sup>	ug/l	40
Indeno(1,2,3-cd)pyrene	< 40	< 40				053W <sup>1</sup>	ug/l	40
Benzo(g,h,i)perylene	< 40	< 40				053W <sup>1</sup>	ug/l	40
Phenol	< 20	< 20				053W <sup>1</sup>	ug/l	20
2-Chlorophenol	< 20	< 20				053W <sup>1</sup>	ug/l	20
2-Methylphenol	< 20	< 20				053W <sup>1</sup>	ug/l	20
4-Methylphenol	< 20	< 20				053W <sup>1</sup>	ug/l	20
2-Nitrophenol	< 20	< 20				053W <sup>1</sup>	ug/l	20
2,4-Dimethylphenol	< 20	< 20				053W <sup>1</sup>	ug/l	20
2,4-Dichlorophenol	< 20	< 20				053W <sup>1</sup>	ug/l	20
2,6-Dichlorophenol	< 20	< 20				053W <sup>1</sup>	ug/l	20
4-Chloro-3-methyl phenol	< 20	< 20				053W <sup>1</sup>	ug/l	20
2,4,6-Trichlorophenol	< 20	< 20				053W <sup>1</sup>	ug/l	20
2,4,5-Trichlorophenol	< 20	< 20				053W <sup>1</sup>	ug/l	20
4-Nitrophenol	< 50	< 50				053W	ug/l	50

<sup>1</sup> ISO 17025 accredited.

<sup>x</sup> MCERTS accredited for sand, loam and clay.

# ALcontrol Technichem Table Of Results

Job Number : 06-23885  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	WWC25	WWC26				Method No	Units	LOD
Sample Depth (m)	-	-						
Date Sampled	14/11/06	14/11/06						
Date Scheduled	28/11/06	28/11/06						
Laboratory Reference No	188158	188159						
Analysis								
<b>** SVOC SUITE Cont. **</b>								
2,3,4,6-Tetrachlorophenol	< 30	< 30				053W	ug/l	30
Pentachlorophenol	< 60	< 60				053W	ug/l	60
Dimethyl Phthalate	< 20	< 20				053W <sup>1</sup>	ug/l	20
Diethyl Phthalate	< 30	< 30				053W <sup>1</sup>	ug/l	30
Di-n-butyl phthalate	< 30	< 30				053W <sup>1</sup>	ug/l	30
Butyl benzyl phthalate	< 60	< 60				053W <sup>1</sup>	ug/l	60
Bis(2-chloroethyl)ether	< 15	< 15				053W <sup>1</sup>	ug/l	15
Bis(2-chloroisopropyl)ether	< 10	< 10				053W <sup>1</sup>	ug/l	10
4-Chlorophenyl phenyl ether	< 15	< 15				053W <sup>1</sup>	ug/l	15
Bromo phenyl phenyl ether	< 30	< 30				053W <sup>1</sup>	ug/l	30
1,3-Dichlorobenzene	< 15	< 15				053W <sup>1</sup>	ug/l	15
1,2-Dichlorobenzene	< 10	< 10				053W <sup>1</sup>	ug/l	10
1,4-Dichlorobenzene	< 10	< 10				053W <sup>1</sup>	ug/l	10
Nitrobenzene	< 20	< 20				053W <sup>1</sup>	ug/l	20
1,2,4-Trichlorobenzene	< 10	< 10				053W <sup>1</sup>	ug/l	10
2,6-Dinitrotoluene	< 30	< 30				053W <sup>1</sup>	ug/l	30
2,4-Dinitrotoluene	< 20	< 20				053W <sup>1</sup>	ug/l	20
Azobenzene	< 30	< 30				053W <sup>1</sup>	ug/l	30
Hexachlorobenzene	< 20	< 20				053W <sup>1</sup>	ug/l	20
Hexachloroethane	< 40	< 40				053W <sup>1</sup>	ug/l	40
n-Nitro-n-propyl-1-propanamine	< 15	< 15				053W <sup>1</sup>	ug/l	15
Isophorone	< 20	< 20				053W <sup>1</sup>	ug/l	20
Bis(2-chloroethoxy)methane	< 15	< 15				053W <sup>1</sup>	ug/l	15
Hexachlorobutadiene	< 10	< 10				053W <sup>1</sup>	ug/l	10
Anthraquinone	< 30	< 30				053W <sup>1</sup>	ug/l	30
Dibenzofuran	< 50	< 50				053W	ug/l	50
Aniline	< 40	< 40				053W <sup>1</sup>	ug/l	40
2-Methylnapthalene	< 50	< 50				053W	ug/l	50
Bis (2-ethylhexyl) phthalate	< 50	< 50				053W	ug/l	50

<sup>1</sup> ISO 17025 accredited.

<sup>M</sup> MCERTS accredited for sand, loam and clay.



# ALcontrol Technichem Table Of Results

Job Number : 06-23885  
Matrix : Water  
Project Code: 12170626/002

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
Client : WSP Environmental Ltd

Sample Reference	WWC18	WWC19#1				Method No	Units	LOD
Sample Depth (m)	-	-						
Date Sampled	14/11/06	14/11/06						
Date Scheduled	28/11/06	28/11/06						
Laboratory Reference No	188151	188152						
Analysis								
<b>** VOC SUITE **</b>								
Vinyl Chloride	< 0.01	< 0.01				040W <sup>1</sup>	mg/l	0.01
Chloroethane	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
Trichlorofluoromethane	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
1,1-Dichloroethene	< 0.001	< 0.001				040W	mg/l	0.001
112-Trichl-122-Trifluoroethane	< 0.025	< 0.025				040W <sup>1</sup>	mg/l	0.025
Dichloromethane	< 0.050	< 0.050				040W <sup>1</sup>	mg/l	0.05
Trans-1,2 Dichloroethene	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
MTBE	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
1,1 -Dichloroethane	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
Cis-1,2 Dichloroethene	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
Chloroform	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
1,1,1-Trichloroethane	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
1,2-Dichloroethane	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
Benzene	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
Carbon Tetrachloride	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
Trichloroethene	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
Bromodichloromethane	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
Cis-1,3 Dichloropropene	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
Trans-1,3 Dichloropropene	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
1,1,2-Trichloroethane	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
Toluene	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
Dibromochloromethane	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
Tetrachloroethene	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
Chlorobenzene	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
Ethyl Benzene	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
m,p-Xylenes	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
Bromoform	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
o-Xylene	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001
1,1,2,2 Tetrachloroethane	< 0.001	< 0.001				040W <sup>1</sup>	mg/l	0.001

<sup>1</sup> ISO 17025 accredited.

<sup>2</sup> MCERTS accredited for sand, loam and clay.



# ALcontrol Technichem

## Table Of Results - Appendix

Job Number : 06-23885

Project Name: Northstowe New Town, Longstanton, Cambridgeshire  
Client : WSP Environmental Ltd

Project Code: 12170626/002

### Summary of methods contained within report :

Method No.	Reference	Description	Wet/Dry Analysis
CWGW	In-house method based on "Total Petroleum Hydrocarbon Criteria Working Group" series, 1998-9	Determination of "CWG" banded petroleum hydrocarbons in aqueous samples using a combination of headspace GC-FID (C5-C12) and pentane extraction / silica-alumina aliphatic - aromatic split / GC-FID (C12-C35) techniques with banding by comparison to alkane standards	
053W	In-house method	Determination of semi-volatile organic compounds in aqueous samples by dichloromethane extraction and GC-MS detection	
040W	In-house method based on EPA624 "Volatile Organic Compounds in Waste Waters"	Determination of volatile organic compounds in aqueous samples by headspace GC-MS	
020W	In-house method based on Second Site Property: Environmental Assessment Guidance Version 3: March 2003	Determination of phenols in aqueous samples by HPLC with electrochemical detection	

# Speciated TPH Certificate of Analysis

Sample Matrix: water

Report No.: 062825  
 Project No.: 12170626/001  
 Client: Gallagher Estates Limited  
 Site Address: Northstowe New Town, Longstanton, Cambridgeshire  
 Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick. CV34 6AF  
 Date of sampling: 01.03.06  
 Date of receipt: 02-07.03.06

Analyte	Method No.	Units	Sample Ref.	WC1584	WC1585	WC1586	WC1587	WC1588	WC1589	WC1590	WC1591	WC1592	WC1593	WC1594	WC1595	WC1596	WC1597	WC1598
				BHB1	BHB13	BHB18	BHB19A	BHB22	BHDB24A	BHB25	BHB27	BHB29	BHB32	BHB36	BHB42	BHB45	BHB50	BHB55
Depth (m)																		
* C8-C16	319	ug/l		<100	209	217	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
* C16-C24	319	ug/l		<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
* C24-C40	319	ug/l		<100	<100	221	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
* Total TPH (C8-C40)	319	ug/l		<100	251	438	<100	<100	<100	126	215	<100	<100	104	<100	<100	<100	<100

# Speciated TPH Certificate of Analysis

Sample Matrix: water

Report No.: 062825  
 Project No.: 12170626/001  
 Client: Gallagher Estates Limited  
 Site Address: Northstowe New Town, Longstanton, Cambridgeshire  
 Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick. CV34 6AF  
 Date of sampling: 01.03.06  
 Date of receipt: 02-07.03.06

	Analyte	Method No.	Units	Sample. Ref.	WC1599													
				Sample	BHB56													
				Depth (m)														
*	C8-C16	319	ug/l		<100													
*	C16-C24	319	ug/l		<100													
*	C24-C40	319	ug/l		168													
*	<b>Total TPH (C8-C40)</b>	<b>319</b>	<b>ug/l</b>		<b>230</b>													

PRO = petrol range organics (C<sub>6</sub>-C<sub>10</sub>), MTBE = methyl tertiary butyl ether, TPH = Total Petroleum Hydrocarbons



# VOC Certificate

Sample Matrix: water

Report No.: 062825

Project No. 12170626/001

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick. CV34 6AF

Sample reference : WC1584

Sample : BHB1

Depth (m) :

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

Compound	ug/kg	Compound	ug/kg
* Chloromethane	<5	* Tetrachloroethene	<1
* Dichlorodifluoromethane	<1	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<5	* Ethylbenzene	<1
* Chloroethane	<1	* o-Xylene	<1
* Trichlorofluoromethane	<1	* Styrene	<1
* MTBE	<1	* Bromoform	<5
* 1,1-Dichloroethene	<1	* m/p-Xylene	<1
* Trans-1,2-Dichloroethene	<1	* 1,1,2,2-Tetrachloroethane	<5
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<5
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<10	* Bromobenzene	<1
* Chloroform	<5	* n-Propylbenzene	<1
* Bromochloromethane	<5	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* Trichloroethene	<1	* 1,4-Dichlorobenzene	<1
* 1,2-Dichloropropane	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<5	* n-Butylbenzene	<5
* Toluene	<1	* 1,2-Dibromo-3-chloropropane	<5
* 1,1,2-Trichloroethane	<1	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<5
* Dibromochloromethane	<5	* Hexachlorobutadiene	<10
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

PAGE 6 OF 21

MTBE = Methyl Tertiary Butyl Ether

# VOC Certificate

Sample Matrix: water

Report No.: 062825

Project No. 12170626/001

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick. CV34 6AF

Sample reference : WC1585

Sample : BHB13

Depth (m) :

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

Compound	ug/kg	Compound	ug/kg
* Chloromethane	<5	* Tetrachloroethene	<1
* Dichlorodifluoromethane	<1	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<5	* Ethylbenzene	<1
* Chloroethane	<1	* o-Xylene	<1
* Trichlorofluoromethane	<1	* Styrene	<1
* MTBE	<1	* Bromoform	<5
* 1,1-Dichloroethene	<1	* m/p-Xylene	<1
* Trans-1,2-Dichloroethene	<1	* 1,1,2,2-Tetrachloroethane	<5
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<5
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<10	* Bromobenzene	<1
* Chloroform	<5	* n-Propylbenzene	<1
* Bromochloromethane	<5	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* Trichloroethene	<1	* 1,4-Dichlorobenzene	<1
* 1,2-Dichloropropane	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<5	* n-Butylbenzene	<5
* Toluene	<1	* 1,2-Dibromo-3-chloropropane	P
* 1,1,2-Trichloroethane	<1	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<5
* Dibromochloromethane	<5	* Hexachlorobutadiene	<10
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

PAGE 7 OF 21

MTBE = Methyl Tertiary Butyl Ether

# VOC Certificate

Sample Matrix: water

Report No.: 062825

Project No. 12170626/001

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick. CV34 6AF

Sample reference : WC1586

Sample : BHB18

Depth (m) :

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

Compound	ug/kg	Compound	ug/kg
* Chloromethane	<5	* Tetrachloroethene	<1
* Dichlorodifluoromethane	<1	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<5	* Ethylbenzene	<1
* Chloroethane	<1	* o-Xylene	<1
* Trichlorofluoromethane	<1	* Styrene	<1
* MTBE	<1	* Bromoform	<5
* 1,1-Dichloroethene	<1	* m/p-Xylene	<1
* Trans-1,2-Dichloroethene	<1	* 1,1,2,2-Tetrachloroethane	<5
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<5
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<10	* Bromobenzene	<1
* Chloroform	<5	* n-Propylbenzene	<1
* Bromochloromethane	<5	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* Trichloroethene	<1	* 1,4-Dichlorobenzene	<1
* 1,2-Dichloropropane	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<5	* n-Butylbenzene	<5
* Toluene	<1	* 1,2-Dibromo-3-chloropropane	<5
* 1,1,2-Trichloroethane	<1	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<5
* Dibromochloromethane	<5	* Hexachlorobutadiene	<10
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

PAGE 8 OF 21

MTBE = Methyl Tertiary Butyl Ether

# VOC Certificate

Sample Matrix: water

Report No.: 062825

Project No. 12170626/001

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick. CV34 6AF

Sample reference : WC1587

Sample : BHB19A

Depth (m) :

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

Compound	ug/kg	Compound	ug/kg
* Chloromethane	<5	* Tetrachloroethene	<1
* Dichlorodifluoromethane	<1	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<5	* Ethylbenzene	<1
* Chloroethane	<1	* o-Xylene	<1
* Trichlorofluoromethane	<1	* Styrene	<1
* MTBE	<1	* Bromoform	<5
* 1,1-Dichloroethene	<1	* m/p-Xylene	<1
* Trans-1,2-Dichloroethene	<1	* 1,1,2,2-Tetrachloroethane	<5
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<5
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<10	* Bromobenzene	<1
* Chloroform	<5	* n-Propylbenzene	<1
* Bromochloromethane	<5	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* Trichloroethene	<1	* 1,4-Dichlorobenzene	<1
* 1,2-Dichloropropane	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<5	* n-Butylbenzene	<5
* Toluene	<1	* 1,2-Dibromo-3-chloropropane	<5
* 1,1,2-Trichloroethane	<1	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<5
* Dibromochloromethane	<5	* Hexachlorobutadiene	<10
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

PAGE 9 OF 21

# VOC Certificate

Sample Matrix: water

Report No.: 062825

Project No. 12170626/001

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick. CV34 6AF

Sample reference : WC1588

Sample : BHB22

Depth (m) :

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

Compound	ug/kg	Compound	ug/kg
* Chloromethane	<5	* Tetrachloroethene	<1
* Dichlorodifluoromethane	<1	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<5	* Ethylbenzene	<1
* Chloroethane	<1	* o-Xylene	<1
* Trichlorofluoromethane	<1	* Styrene	<1
* MTBE	<1	* Bromoform	<5
* 1,1-Dichloroethene	<1	* m/p-Xylene	<1
* Trans-1,2-Dichloroethene	<1	* 1,1,2,2-Tetrachloroethane	<5
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<5
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<10	* Bromobenzene	<1
* Chloroform	<5	* n-Propylbenzene	<1
* Bromochloromethane	<5	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* Trichloroethene	<1	* 1,4-Dichlorobenzene	<1
* 1,2-Dichloropropane	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<5	* n-Butylbenzene	<5
* Toluene	<1	* 1,2-Dibromo-3-chloropropane	<5
* 1,1,2-Trichloroethane	<1	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<5
* Dibromochloromethane	<5	* Hexachlorobutadiene	<10
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

PAGE 10 OF 21

# VOC Certificate

Sample Matrix: water

Report No.: 062825

Project No. 12170626/001

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick. CV34 6AF

Sample reference : WC1589

Sample : BHDB24A

Depth (m) :

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

Compound	ug/kg	Compound	ug/kg
* Chloromethane	<5	* Tetrachloroethene	<1
* Dichlorodifluoromethane	<1	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<5	* Ethylbenzene	<1
* Chloroethane	<1	* o-Xylene	<1
* Trichlorofluoromethane	<1	* Styrene	<1
* MTBE	<1	* Bromoform	<5
* 1,1-Dichloroethene	<1	* m/p-Xylene	<1
* Trans-1,2-Dichloroethene	<1	* 1,1,2,2-Tetrachloroethane	<5
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<5
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<10	* Bromobenzene	<1
* Chloroform	<5	* n-Propylbenzene	<1
* Bromochloromethane	<5	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* Trichloroethene	<1	* 1,4-Dichlorobenzene	<1
* 1,2-Dichloropropane	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<5	* n-Butylbenzene	<5
* Toluene	<1	* 1,2-Dibromo-3-chloropropane	<5
* 1,1,2-Trichloroethane	<1	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<5
* Dibromochloromethane	<5	* Hexachlorobutadiene	<10
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

PAGE 11 OF 21

MTBE = Methyl Tertiary Butyl Ether

# VOC Certificate

Sample Matrix: water

Report No.: 062825

Project No. 12170626/001

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick. CV34 6AF

Sample reference : WC1590

Sample : BHB25

Depth (m) :

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

Compound	ug/kg	Compound	ug/kg
* Chloromethane	<5	* Tetrachloroethene	<1
* Dichlorodifluoromethane	<1	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<5	* Ethylbenzene	<1
* Chloroethane	<1	* o-Xylene	<1
* Trichlorofluoromethane	<1	* Styrene	<1
* MTBE	<1	* Bromoform	<5
* 1,1-Dichloroethene	<1	* m/p-Xylene	<1
* Trans-1,2-Dichloroethene	<1	* 1,1,2,2-Tetrachloroethane	<5
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<5
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<10	* Bromobenzene	<1
* Chloroform	<5	* n-Propylbenzene	<1
* Bromochloromethane	<5	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* Trichloroethene	<1	* 1,4-Dichlorobenzene	<1
* 1,2-Dichloropropane	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<5	* n-Butylbenzene	<5
* Toluene	<1	* 1,2-Dibromo-3-chloropropane	<5
* 1,1,2-Trichloroethane	<1	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<5
* Dibromochloromethane	<5	* Hexachlorobutadiene	<10
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

PAGE 12 OF 21

# VOC Certificate

Sample Matrix: water

Report No.: 062825

Project No. 12170626/001

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick. CV34 6AF

Sample reference : WC1591

Sample : BHB27

Depth (m) :

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

Compound	ug/kg	Compound	ug/kg
* Chloromethane	<5	* Tetrachloroethene	<1
* Dichlorodifluoromethane	<1	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<5	* Ethylbenzene	<1
* Chloroethane	<1	* o-Xylene	<1
* Trichlorofluoromethane	<1	* Styrene	<1
* MTBE	<1	* Bromoform	<5
* 1,1-Dichloroethene	<1	* m/p-Xylene	<1
* Trans-1,2-Dichloroethene	<1	* 1,1,2,2-Tetrachloroethane	<5
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<5
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<10	* Bromobenzene	<1
* Chloroform	<5	* n-Propylbenzene	<1
* Bromochloromethane	<5	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* Trichloroethene	<1	* 1,4-Dichlorobenzene	<1
* 1,2-Dichloropropane	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<5	* n-Butylbenzene	<5
* Toluene	<1	* 1,2-Dibromo-3-chloropropane	<5
* 1,1,2-Trichloroethane	<1	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<5
* Dibromochloromethane	<5	* Hexachlorobutadiene	<10
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

PAGE 13 OF 21

MTBE = Methyl Tertiary Butyl Ether



# VOC Certificate

Sample Matrix: water

Report No.: 062825

Project No. 12170626/001

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick. CV34 6AF

Sample reference : WC1592

Sample : BHB29

Depth (m) :

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

Compound	ug/kg	Compound	ug/kg
* Chloromethane	<5	* Tetrachloroethene	<1
* Dichlorodifluoromethane	<1	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<5	* Ethylbenzene	<1
* Chloroethane	<1	* o-Xylene	<1
* Trichlorofluoromethane	<1	* Styrene	<1
* MTBE	<1	* Bromoform	<5
* 1,1-Dichloroethene	<1	* m/p-Xylene	<1
* Trans-1,2-Dichloroethene	<1	* 1,1,2,2-Tetrachloroethane	<5
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<5
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<10	* Bromobenzene	<1
* Chloroform	<5	* n-Propylbenzene	<1
* Bromochloromethane	<5	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* Trichloroethene	<1	* 1,4-Dichlorobenzene	<1
* 1,2-Dichloropropane	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<5	* n-Butylbenzene	<5
* Toluene	<1	* 1,2-Dibromo-3-chloropropane	<5
* 1,1,2-Trichloroethane	<1	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<5
* Dibromochloromethane	<5	* Hexachlorobutadiene	<10
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

PAGE 14 OF 21

MTBE = Methyl Tertiary Butyl Ether

# VOC Certificate

Sample Matrix: water

Report No.: 062825

Project No. 12170626/001

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick. CV34 6AF

Sample reference : WC1593

Sample : BHB32

Depth (m) :

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

Compound	ug/kg	Compound	ug/kg
* Chloromethane	<5	* Tetrachloroethene	<1
* Dichlorodifluoromethane	<1	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<5	* Ethylbenzene	<1
* Chloroethane	<1	* o-Xylene	<1
* Trichlorofluoromethane	<1	* Styrene	<1
* MTBE	<1	* Bromoform	<5
* 1,1-Dichloroethene	<1	* m/p-Xylene	<1
* Trans-1,2-Dichloroethene	<1	* 1,1,2,2-Tetrachloroethane	<5
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<5
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<10	* Bromobenzene	<1
* Chloroform	<5	* n-Propylbenzene	<1
* Bromochloromethane	<5	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* Trichloroethene	<1	* 1,4-Dichlorobenzene	<1
* 1,2-Dichloropropane	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<5	* n-Butylbenzene	<5
* Toluene	<1	* 1,2-Dibromo-3-chloropropane	<5
* 1,1,2-Trichloroethane	<1	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<5
* Dibromochloromethane	<5	* Hexachlorobutadiene	<10
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

PAGE 15 OF 21

# VOC Certificate

Sample Matrix: water

Report No.: 062825

Project No. 12170626/001

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick. CV34 6AF

Sample reference : WC1594

Sample : BHB36

Depth (m) :

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

Compound	ug/kg	Compound	ug/kg
* Chloromethane	<5	* Tetrachloroethene	<1
* Dichlorodifluoromethane	<1	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<5	* Ethylbenzene	<1
* Chloroethane	<1	* o-Xylene	<1
* Trichlorofluoromethane	<1	* Styrene	<1
* MTBE	<1	* Bromoform	<5
* 1,1-Dichloroethene	<1	* m/p-Xylene	<1
* Trans-1,2-Dichloroethene	<1	* 1,1,2,2-Tetrachloroethane	<5
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<5
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<10	* Bromobenzene	<1
* Chloroform	<5	* n-Propylbenzene	<1
* Bromochloromethane	<5	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* Trichloroethene	<1	* 1,4-Dichlorobenzene	<1
* 1,2-Dichloropropane	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<5	* n-Butylbenzene	<5
* Toluene	<1	* 1,2-Dibromo-3-chloropropane	<5
* 1,1,2-Trichloroethane	<1	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<5
* Dibromochloromethane	<5	* Hexachlorobutadiene	<10
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

PAGE 16 OF 21

# VOC Certificate

Sample Matrix: water

Report No.: 062825

Project No. 12170626/001

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick. CV34 6AF

Sample reference : WC1595

Sample : BHB42

Depth (m) :

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

Compound	ug/kg	Compound	ug/kg
* Chloromethane	<5	* Tetrachloroethene	<1
* Dichlorodifluoromethane	<1	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<5	* Ethylbenzene	<1
* Chloroethane	<1	* o-Xylene	<1
* Trichlorofluoromethane	<1	* Styrene	<1
* MTBE	<1	* Bromoform	<5
* 1,1-Dichloroethene	<1	* m/p-Xylene	<1
* Trans-1,2-Dichloroethene	<1	* 1,1,2,2-Tetrachloroethane	<5
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<5
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<10	* Bromobenzene	<1
* Chloroform	<5	* n-Propylbenzene	<1
* Bromochloromethane	<5	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* Trichloroethene	<1	* 1,4-Dichlorobenzene	<1
* 1,2-Dichloropropane	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<5	* n-Butylbenzene	<5
* Toluene	<1	* 1,2-Dibromo-3-chloropropane	<5
* 1,1,2-Trichloroethane	<1	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<5
* Dibromochloromethane	<5	* Hexachlorobutadiene	<10
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

PAGE 17 OF 21

# VOC Certificate

Sample Matrix: water

Report No.: 062825

Project No. 12170626/001

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick. CV34 6AF

Sample reference : WC1596

Sample : BHB45

Depth (m) :

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

Compound	ug/kg	Compound	ug/kg
* Chloromethane	<5	* Tetrachloroethene	<1
* Dichlorodifluoromethane	<1	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<5	* Ethylbenzene	<1
* Chloroethane	<1	* o-Xylene	<1
* Trichlorofluoromethane	<1	* Styrene	<1
* MTBE	<1	* Bromoform	<5
* 1,1-Dichloroethene	<1	* m/p-Xylene	<1
* Trans-1,2-Dichloroethene	<1	* 1,1,2,2-Tetrachloroethane	<5
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<5
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<10	* Bromobenzene	<1
* Chloroform	<5	* n-Propylbenzene	<1
* Bromochloromethane	<5	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* Trichloroethene	<1	* 1,4-Dichlorobenzene	<1
* 1,2-Dichloropropane	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<5	* n-Butylbenzene	<5
* Toluene	<1	* 1,2-Dibromo-3-chloropropane	<5
* 1,1,2-Trichloroethane	<1	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<5
* Dibromochloromethane	<5	* Hexachlorobutadiene	<10
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

PAGE 18 OF 21

# VOC Certificate

Sample Matrix: water

Report No.: 062825

Project No. 12170626/001

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick. CV34 6AF

Sample reference : WC1597

Sample : BHB50

Depth (m) :

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

Compound	ug/kg	Compound	ug/kg
* Chloromethane	<5	* Tetrachloroethene	<1
* Dichlorodifluoromethane	<1	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<5	* Ethylbenzene	<1
* Chloroethane	<1	* o-Xylene	<1
* Trichlorofluoromethane	<1	* Styrene	<1
* MTBE	<1	* Bromoform	<5
* 1,1-Dichloroethene	<1	* m/p-Xylene	<1
* Trans-1,2-Dichloroethene	<1	* 1,1,2,2-Tetrachloroethane	<5
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<5
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<10	* Bromobenzene	<1
* Chloroform	<5	* n-Propylbenzene	<1
* Bromochloromethane	<5	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* Trichloroethene	<1	* 1,4-Dichlorobenzene	<1
* 1,2-Dichloropropane	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<5	* n-Butylbenzene	<5
* Toluene	<1	* 1,2-Dibromo-3-chloropropane	<5
* 1,1,2-Trichloroethane	<1	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<5
* Dibromochloromethane	<5	* Hexachlorobutadiene	<10
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

PAGE 19 OF 21

# VOC Certificate

Sample Matrix: water

Report No.: 062825

Project No. 12170626/001

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick. CV34 6AF

Sample reference : WC1598

Sample : BHB55

Depth (m) :

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

Compound	ug/kg	Compound	ug/kg
* Chloromethane	<5	* Tetrachloroethene	<1
* Dichlorodifluoromethane	<1	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<5	* Ethylbenzene	<1
* Chloroethane	<1	* o-Xylene	<1
* Trichlorofluoromethane	<1	* Styrene	<1
* MTBE	<1	* Bromoform	<5
* 1,1-Dichloroethene	<1	* m/p-Xylene	<1
* Trans-1,2-Dichloroethene	<1	* 1,1,2,2-Tetrachloroethane	<5
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<5
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<10	* Bromobenzene	<1
* Chloroform	<5	* n-Propylbenzene	<1
* Bromochloromethane	<5	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* Trichloroethene	<1	* 1,4-Dichlorobenzene	<1
* 1,2-Dichloropropane	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<5	* n-Butylbenzene	<5
* Toluene	<1	* 1,2-Dibromo-3-chloropropane	<5
* 1,1,2-Trichloroethane	<1	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<5
* Dibromochloromethane	<5	* Hexachlorobutadiene	<10
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

PAGE 20 OF 21

# VOC Certificate

Sample Matrix: water

Report No.: 062825

Project No. 12170626/001

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick. CV34 6AF

Sample reference : WC1599

Sample : BHB56

Depth (m) :

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

Compound	ug/kg	Compound	ug/kg
* Chloromethane	<5	* Tetrachloroethene	<1
* Dichlorodifluoromethane	<1	* Chlorobenzene	<1
* Vinyl Chloride	<1	* 1,1,1,2-Tetrachloroethane	<1
* Bromomethane	<5	* Ethylbenzene	<1
* Chloroethane	<1	* o-Xylene	<1
* Trichlorofluoromethane	<1	* Styrene	<1
* MTBE	<1	* Bromoform	<5
* 1,1-Dichloroethene	<1	* m/p-Xylene	<1
* Trans-1,2-Dichloroethene	<1	* 1,1,2,2-Tetrachloroethane	<5
* 1,1-Dichloroethane	<1	* 1,2,3-Trichloropropane	<5
* Cis-1,2-Dichloroethene	<1	* Isopropylbenzene	<1
* 2,2-Dichloropropane	<10	* Bromobenzene	<1
* Chloroform	<5	* n-Propylbenzene	<1
* Bromochloromethane	<5	* 2-Chlorotoluene	<1
* 1,1,1-Trichloroethane	<1	* 4-Chlorotoluene	<1
* 1,2-Dichloroethane	<1	* 1,3,5-Trimethylbenzene	<1
* 1,1-Dichloropropene	<1	* Tert-butylbenzene	<1
* Benzene	<1	* 1,2,4-Trimethylbenzene	<1
* Carbon Tetrachloride	<1	* sec-Butylbenzene	<1
* Trichloroethene	<1	* 1,4-Dichlorobenzene	<1
* 1,2-Dichloropropane	<1	* 1,3-Dichlorobenzene	<1
* Dibromomethane	<1	* 1,2-Dichlorobenzene	<1
* Bromodichloromethane	<5	* n-Butylbenzene	<5
* Toluene	<1	* 1,2-Dibromo-3-chloropropane	<5
* 1,1,2-Trichloroethane	<1	* 1,2,4-Trichlorobenzene	<1
* 1,3-Dichloropropane	<1	* Naphthalene	<5
* Dibromochloromethane	<5	* Hexachlorobutadiene	<10
* 1,2-Dibromoethane	<1	* 1,2,3-Trichlorobenzene	<1

PAGE 21 OF 21



# Certificate of Analysis

Sample Matrix: water

Report No.: 062825  
 Project No.: 12170626/001  
 Client: Gallagher Estates Limited  
 Site Address: Northstowe New Town, Longstanton, Cambridgeshire  
 Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick. CV34 6AF  
 Date of sampling: 01.03.06  
 Date of receipt: 02-07.03.06

Analyte	Method No.	Units	Sample. Ref.	WC1584	WC1585	WC1586	WC1587	WC1588	WC1589	WC1590	WC1591	WC1592	WC1593	WC1594	WC1595	WC1596	WC1597	WC1598
			Sample	BHB1	BHB13	BHB18	BHB19A	BHB22	BHDB24A	BHB25	BHB27	BHB29	BHB32	BHB36	BHB42	BHB45	BHB50	BHB55
		Depth (m)																
Arsenic	303	ug/l		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Cadmium	303	ug/l		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chromium	303	ug/l		<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6
Copper	303	ug/l		#NAME?	#NAME?	#NAME?	<5	<5	<5	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	<5	#NAME?
Nickel	303	ug/l		#NAME?	#NAME?	#NAME?	<5	<5	<5	<5	#NAME?	#NAME?	#NAME?	<5	<5	#NAME?	#NAME?	#NAME?
Lead	303	ug/l		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Zinc	303	ug/l		<7	#NAME?	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7
* Barium	303	ug/l		#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?
* Beryllium	303	ug/l		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
* Vanadium	303	ug/l		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	#NAME?	<10	<10
* Mercury	307	ug/l		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
* Selenium	305	ug/l		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
* Boron	314	ug/l		#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?
Cyanide	301	ug/l		<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
* pH	312	pH units		7.7	7.5	7.6	7.8	7.7	7.8	8.2	8.0	7.8	7.9	7.8	8.0	7.5	7.6	7.5
* sulphate	316	mg/l		#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?
* Chloride	320	mg/l		#NAME?	#NAME?	#NAME?	<100	<100	<100	<100	<100	#NAME?	<100	#NAME?	#NAME?	<100	<100	#NAME?
* Ammonium	323	mg/l		<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
* Nitrite	327	mg/l		#NAME?	<0.05	#NAME?	<0.05	#NAME?	#NAME?	#NAME?	<0.05	<0.05	#NAME?	<0.05	<0.05	#NAME?	#NAME?	<0.05
* Nitrate	326	mg/l		<1	<1	<1	#NAME?	<1	<1	<1	<1	<1	<1	<1	#NAME?	#NAME?	#NAME?	<1

# Certificate of Analysis

Sample Matrix: water

Report No.: 062825

Project No.: 12170626/001

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick. CV34 6AF

Date of sampling: 01.03.06

Date of receipt: 02-07.03.06

				Sample. Ref.	WC1599															
				Sample	BHB56															
Analyte	Method No.	Units	Depth (m)																	
Arsenic	303	ug/l		<10																
Cadmium	303	ug/l		<5																
Chromium	303	ug/l		<6																
Copper	303	ug/l		#NAME?																
Nickel	303	ug/l		#NAME?																
Lead	303	ug/l		<10																
Zinc	303	ug/l		#NAME?																
* Barium	303	ug/l		#NAME?																
* Beryllium	303	ug/l		<5																
* Vanadium	303	ug/l		<10																
* Mercury	307	ug/l		<0.2																
* Selenium	305	ug/l		<5																
* Boron	314	ug/l		#NAME?																
* Cyanide	301	ug/l		<40																
* pH	312	pH units		7.4																
* sulphate	316	mg/l		#NAME?																
* Chloride	320	mg/l		#NAME?																
* Ammonium	323	mg/l		#NAME?																
* Nitrite	327	mg/l		#NAME?																
* Nitrate	326	mg/l		<1																

# Test Report

Report Number: 062825

Report Date: 03.04.06  
Project Number: 12170626/001  
Client: Gallagher Estates Limited  
Site Address: Northstowe New Town, Longstanton, Cambridgeshire  
Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick. CV34 6AF  
Date of sampling: 01.03.06  
Date of Analysis: 09.03.06 - 03.04.06

Dear **Reg. 13(1)**

Please find attached your results for the above project.

This report includes the results for the 16 water samples we received on 02 - 07.03.06.

Results Checked by:

Results Authorised by:

Page 1 of 2

- Reg. 13(1)** – Joint Laboratory Manager
- Reg. 13(1)** – Joint Laboratory Manager
- ██████████** – Laboratory Quality Manager

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Unaccredited Tests are marked with an asterisk (\*), MCERTS accredited tests are marked <sup>M</sup>  
all other tests are UKAS accredited. Underlined results have changed from default accreditation  
to UKAS only, results in *italics* have been changed from default accreditation to unaccredited.  
Information supplied by e-mail may be subject to error, for authoritative results refer to hard copy.  
Water soluble sulphate (2:1) results can be converted to g/l by dividing mg/kg result by 2000.  
IS = insufficient sample. A/C = analysts comment, see appendix. (wet) = analysed as received.  
Any opinions or interpretations indicated are outside the scope of our UKAS accreditation.  
Chemical Analysis is undertaken in accordance with in house technical procedures and is  
subject to quality control procedures.

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WSP Environmental, Unit 5, Centurion Business Centre, Dabell Av,  
Blenheim Industrial Est, Bulwell, Notts, NG6 8WA

# Test Report

Job Number: 075608

Report Date: 20.02.07  
Project Number: 12170626/002  
Client: Gallagher Estates Limited  
Site Address: Northstowe New Town, Longstanton, Cambridgeshire  
Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF  
Date of sampling: 30.01.07  
Date of Analysis: 06.02.07 to 20.02.07

Dear **Reg. 13(1)**

Please find attached your results for the above project.

This report includes the results for the 2 water samples we received on 06.02.07.

Results Checked by:

**Reg. 13(1)**

Results Authorised by:

**Reg. 13(1)** - Operations Manager

**Reg. 13(1)**

Page 1 of 5



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Unaccredited Tests are marked with an asterisk (\*), MCERTS accredited tests are marked <sup>M</sup>  
all other tests are UKAS accredited. Underlined results have changed from default accreditation  
to UKAS only, results in *italics* have been changed from default accreditation to unaccredited.  
Information supplied by e-mail may be subject to error, for authoritative results refer to hard copy.  
Water soluble sulphate (2:1) results can be converted to g/l by dividing mg/kg result by 2000.  
IS = insufficient sample. A/C = analysts comment, see appendix. (wet) = analysed as received.  
Any opinions or interpretations indicated are outside the scope of our UKAS accreditation.  
Chemical Analysis is undertaken in accordance with in house technical procedures and is  
subject to quality control procedures.

---

WSP Environmental, Unit 5, Centurion Business Centre, Dabell Av,  
Blenheim Industrial Est, Bulwell, Notts, NG6 8WA

# Certificate of Analysis

Sample Matrix: water

Job Number: 075608  
 Project Number: 12170626/002  
 Client: Gallagher Estates Limited  
 Site Address: Northstowe New Town, Longstanton, Cambridgeshire  
 Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF  
 Date of sampling: 30.01.07  
 Date of receipt: 06.02.07

Analyte	Method No.	Units	Sample	Sample. Ref.	WC3794	WC3795												
				Depth (m)	BHC10	BHC11												
Arsenic	303	ug/l			<10	<10												
Cadmium	303	ug/l			<5	<5												
Chromium	303	ug/l			<5	<5												
Copper	303	ug/l			21	14												
Nickel	303	ug/l			10	<5												
Lead	303	ug/l			<10	<10												
Zinc	303	ug/l			8.9	<7												
* Barium	303	ug/l			37	65												
* Beryllium	303	ug/l			<5	<5												
* Vanadium	303	ug/l			<10	<10												
Mercury	307	ug/l			<0.2	<0.2												
* Selenium	305	ug/L			<5	<5												
* Boron	314	ug/L			181	156												
Cyanide	301	ug/l			<40	<40												
pH	312	pH units			7.4	7.6												
* sulphate	316	mg/l			639	147												
* chloride	320	mg/l			76	53												
* Ammonium	324	mg/l			<1.3	<1.3												
* Nitrite	327	mg/l			0.13	0.066												
* Nitrate	326	mg/l			11	43												
* Alkalinity	331	mg/l			346	450												
* COD	337	mg/l			<20	<20												

# VOC Certificate

Sample Matrix: water

Job Number: 075608

Project Number: 12170626/002

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3794

Sample : BHC10

Depth (m) :

Date of sampling: 30.01.07

Date of receipt: 06.02.07

	Compound	ug/l		Compound	ug/l
*	Dichlorodifluoromethane	<1	*	Tetrachloroethene	<1
*	Chloromethane	<2	*	Chlorobenzene	<1
*	Vinyl Chloride	<1	*	1,1,1,2-Tetrachloroethane	<1
*	Bromomethane	<2	*	Ethylbenzene	<2
*	Chloroethane	<1	*	m/p-Xylene	<2
*	Trichlorofluoromethane	<1	*	Styrene	<1
*	1,1-Dichloroethene	<1	*	Bromoform	<2
*	Trans-1,2-Dichloroethene	<1	*	o-Xylene	<2
*	MTBE	<1	*	1,1,2,2-Tetrachloroethane	<1
*	1,1-Dichloroethane	<1	*	1,2,3-Trichloropropane	<1
*	Cis-1,2-Dichloroethene	<1	*	Isopropylbenzene	<1
*	2,2-Dichloropropane	<5	*	Bromobenzene	<1
*	Chloroform	<1	*	n-Propylbenzene	<1
*	Bromochloromethane	<1	*	2-Chlorotoluene	<1
*	1,1,1-Trichloroethane	<1	*	4-Chlorotoluene	<1
*	1,2-Dichloroethane	<1	*	1,3,5-Trimethylbenzene	<1
*	1,1-Dichloropropene	<1	*	Tert-butylbenzene	<1
*	Benzene	<1	*	1,2,4-Trimethylbenzene	<1
*	Carbon Tetrachloride	<1	*	sec-Butylbenzene	<1
*	1,2-Dichloropropane	<1	*	1,4-Dichlorobenzene	<1
*	Trichloroethene	<1	*	1,3-Dichlorobenzene	<1
*	Dibromomethane	<1	*	1,2-Dichlorobenzene	<1
*	Bromodichloromethane	<1	*	n-Butylbenzene	<1
*	1,1,2-Trichloroethane	<1	*	1,2-Dibromo-3-chloropropane	<1
*	Toluene	<2	*	1,2,4-Trichlorobenzene	<1
*	1,3-Dichloropropane	<1	*	Naphthalene	<2
*	Dibromochloromethane	<1	*	Hexachlorobutadiene	<5
*	1,2-Dibromoethane	<1	*	1,2,3-Trichlorobenzene	<1

PAGE 3 OF 5

# VOC Certificate

Sample Matrix: water

Job Number: 075608

Project Number: 12170626/002

Client: Gallagher Estates Limited

Site Address: Northstowe New Town, Longstanton, Cambridgeshire

Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF

Sample reference : WC3795

Sample : BHC11

Depth (m) :

Date of sampling: 30.01.07

Date of receipt: 06.02.07

	Compound	ug/l		Compound	ug/l
*	Dichlorodifluoromethane	<1	*	Tetrachloroethene	<1
*	Chloromethane	<2	*	Chlorobenzene	<1
*	Vinyl Chloride	<1	*	1,1,1,2-Tetrachloroethane	<1
*	Bromomethane	<2	*	Ethylbenzene	<2
*	Chloroethane	<1	*	m/p-Xylene	<2
*	Trichlorofluoromethane	<1	*	Styrene	<1
*	1,1-Dichloroethene	<1	*	Bromoform	<2
*	Trans-1,2-Dichloroethene	<1	*	o-Xylene	<2
*	MTBE	<1	*	1,1,2,2-Tetrachloroethane	<1
*	1,1-Dichloroethane	<1	*	1,2,3-Trichloropropane	<1
*	Cis-1,2-Dichloroethene	<1	*	Isopropylbenzene	<1
*	2,2-Dichloropropane	<5	*	Bromobenzene	<1
*	Chloroform	<1	*	n-Propylbenzene	<1
*	Bromochloromethane	<1	*	2-Chlorotoluene	<1
*	1,1,1-Trichloroethane	<1	*	4-Chlorotoluene	<1
*	1,2-Dichloroethane	<1	*	1,3,5-Trimethylbenzene	<1
*	1,1-Dichloropropene	<1	*	Tert-butylbenzene	<1
*	Benzene	<1	*	1,2,4-Trimethylbenzene	<1
*	Carbon Tetrachloride	<1	*	sec-Butylbenzene	<1
*	1,2-Dichloropropane	<1	*	1,4-Dichlorobenzene	<1
*	Trichloroethene	<1	*	1,3-Dichlorobenzene	<1
*	Dibromomethane	<1	*	1,2-Dichlorobenzene	<1
*	Bromodichloromethane	<1	*	n-Butylbenzene	<1
*	1,1,2-Trichloroethane	<1	*	1,2-Dibromo-3-chloropropane	<1
*	Toluene	<2	*	1,2,4-Trichlorobenzene	<1
*	1,3-Dichloropropane	<1	*	Naphthalene	<2
*	Dibromochloromethane	<1	*	Hexachlorobutadiene	<5
*	1,2-Dibromoethane	<1	*	1,2,3-Trichlorobenzene	<1

PAGE 4 OF 5

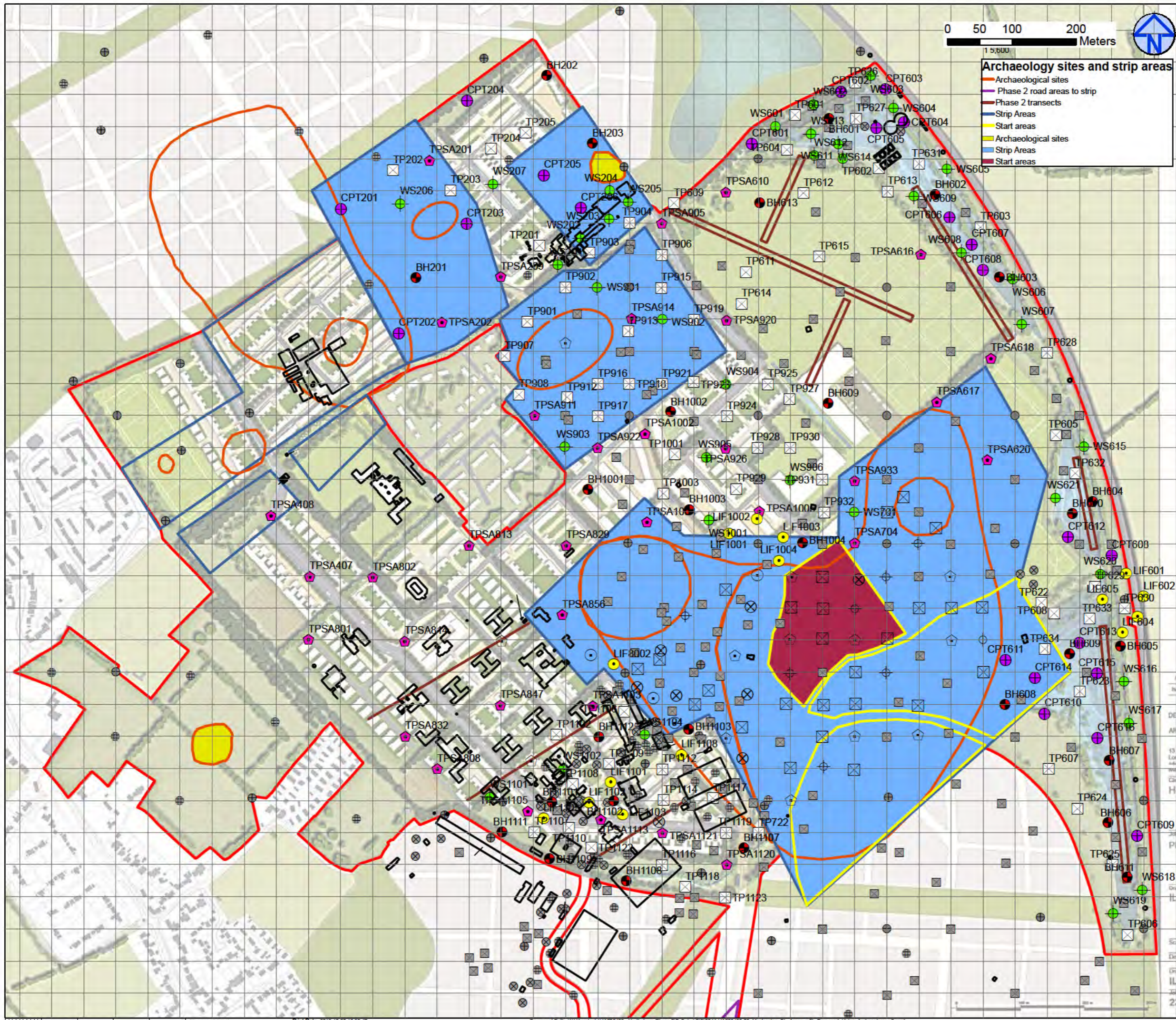
## TPHCWG Certificate of Analysis

Sample Matrix: Water

Report No.: 075608  
 Project No.: 12170626/002  
 Client: Gallagher Estates Limited  
 Site Address: Northstowe New Town, Longstanton, Cambridgeshire  
 Postal Address: Gallagher House, Gallagher Way, Gallagher Business Park, Warwick, CV34 6AF  
 Date of sampling: 30 01.07  
 Date of receipt: 06 02.07

Analyte	Method No.	Units	Sample. Ref.	WC3794	WC3795													
			Sample	BHC10	BHC11	Depth (m)												
* Aliphatic >C6-C8	310a	ug/l		<100	<100													
* Aliphatic >C8-C10	310a	ug/l		<100	<100													
* Aliphatic >C10-C12	311	ug/l		<25	<25													
* Aliphatic >C12-C16	311	ug/l		<50	<50													
* Aliphatic >C16-C21	311	ug/l		<100	<100													
* Aliphatic >C21-C35	311	ug/l		<100	<100													
* Total Aliphatics (C6-C35)	311	ug/l		<475	<475													
* Aromatic >C6-C7	309	ug/l		<5	<5													
* Aromatic >C7-C8	309	ug/l		<5	<5													
* Aromatic >C8-C10	309	ug/l		<15	<15													
* Aromatic >C10-C12	311	ug/l		<25	<25													
* Aromatic >C12-C16	311	ug/l		<50	<50													
* Aromatic >C16-C21	311	ug/l		<100	<100													
* Aromatic >C21-C35	311	ug/l		<100	<100													
* Total Aromatics (C6-C35)	311	ug/l		<300	<300													
* Total Hydrocarbons (C10-C35)	319	ug/l		157	226													
* Total Hydrocarbons (C6-C35)	310a & 319	ug/l		<200	226													
* Benzene	309	ug/l		<5	<5													
* MTBE	309	ug/l		<5	<5													
* Toluene	309	ug/l		<5	<5													
* Ethylbenzene	309	ug/l		<5	<5													
* m,p-Xylenes	309	ug/l		<5	<5													
* o-Xylene	309	ug/l		<5	<5													





**Archaeology sites and strip areas**

- Archaeological sites
- Phase 2 road areas to strip
- Phase 2 transects
- Strip Areas
- Start areas
- Archaeological sites
- Strip Areas
- Start areas

**No Go Locations (Archaeology)**

- BH
- LIF
- TP
- TPSW
- WS

**Proposed exploratory holes**

- BH
- CPT
- LIF
- TP
- TPSW
- WS

**Existing exploratory holes**

- Cable Percussive
- Trial Pit
- Water Well
- Window Sample
- Existing buildings
- Planning Boundary

P1	05/10/2016	FIRST ISSUE	FW	AP	CR
REV	Date	Description	Drawn	Check	Approv

**Client**

HOMES AND COMMUNITIES AGENCY

PROJECT: NORTHSTOWE PHASE 2

Site: Northstowe Cambridgehire

Client: Fry Building 2 Mansham Street London SW1P 4DF

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Registered office: Arcadis House 34 York Way London N1 9AB www.arcadis.com

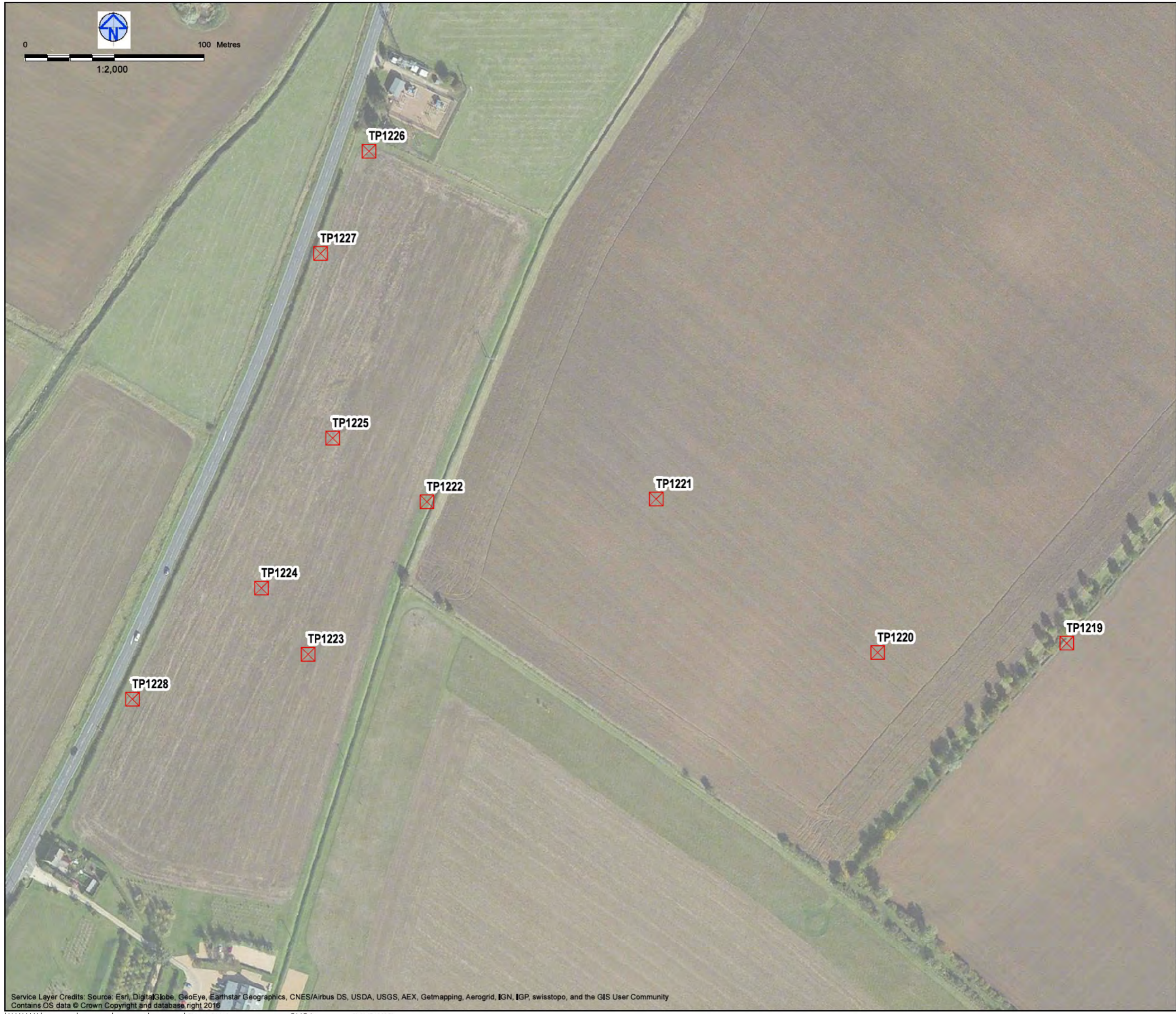
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PROPOSED EXPLORATORY HOLE PLAN WITH ARCHAEOLOGY

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Drawn	Reg. 13(1)	Date: 05/10/2016	Signed
Checked	Reg. 13(1)	Date: 05/10/2016	Signed
Approved	Reg. 13(1)	Date: 05/10/2016	Signed
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Original Size	A3	Grid: OS	
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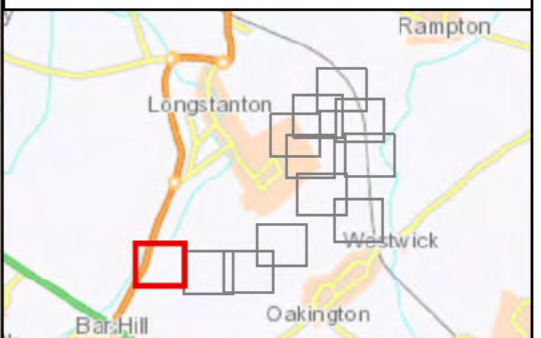
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Drawing Number: NOR-ARC-P2-XXX-DR-G-0083-P01 Revision: P1



**Legend:**

☒ Trial Pit



Rev	Date	Description	Drawn	Check	Approv
01	21/02/2017	First draft	JRG		

**Client**

**Homes & Communities Agency**

**PROJECT:**  
**Northstowe Phase 2**

**Site**  
Northstowe, Cambridgeshire

**Client**  
Homes and Communities Agency  
Fry Building, 2 Marsham Street  
London - SW1P 4DF  
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https://www.gov.uk/government/organisations/...  
...homes-and-communities-agency

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**TITLE:**

**Exploratory Hole Location Plan**  
Page 1 of 12

Designed	Reg. 13(1)	Date: 21FEB17	Signed
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Checked		Date: 21FEB17	Signed
Approved		Date: 21FEB17	Signed
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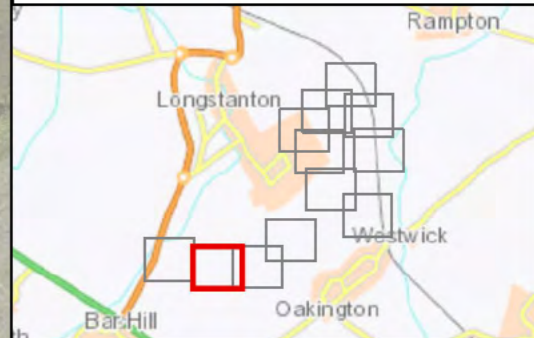
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Drawing Number: <b>UA008426-07-13-GLR-EHP-0001</b>	Revision: <b>01</b>
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**Legend:**

-  Cable Percussion Brehole
-  Trial Pit



Rev	Date	Description	Drawn	Check	Approv
01	21/02/2017	First draft	JRG		

**Client**

**Homes & Communities Agency**

**PROJECT: Northstowe Phase 2**

<b>Site</b> Northstowe, Cambridgeshire	<b>Client</b> Homes and Communities Agency Fry Building, 2 Marsham Street London - SW1P 4DF Phone +44 0300 1234 500 m@homesandcommunities.co.uk https://www.gov.uk/government/organisations/... ...homes-and-communities-agency
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<b>Registered office:</b> Arcadis House 34 York Way London N1 9AB	<b>Coordinating office:</b> Arcadis Cymru House Fortran Road, St Mellons Business Park Cardiff   CF3 0EYK   UK Tel: +44 (0) 292 092 0700
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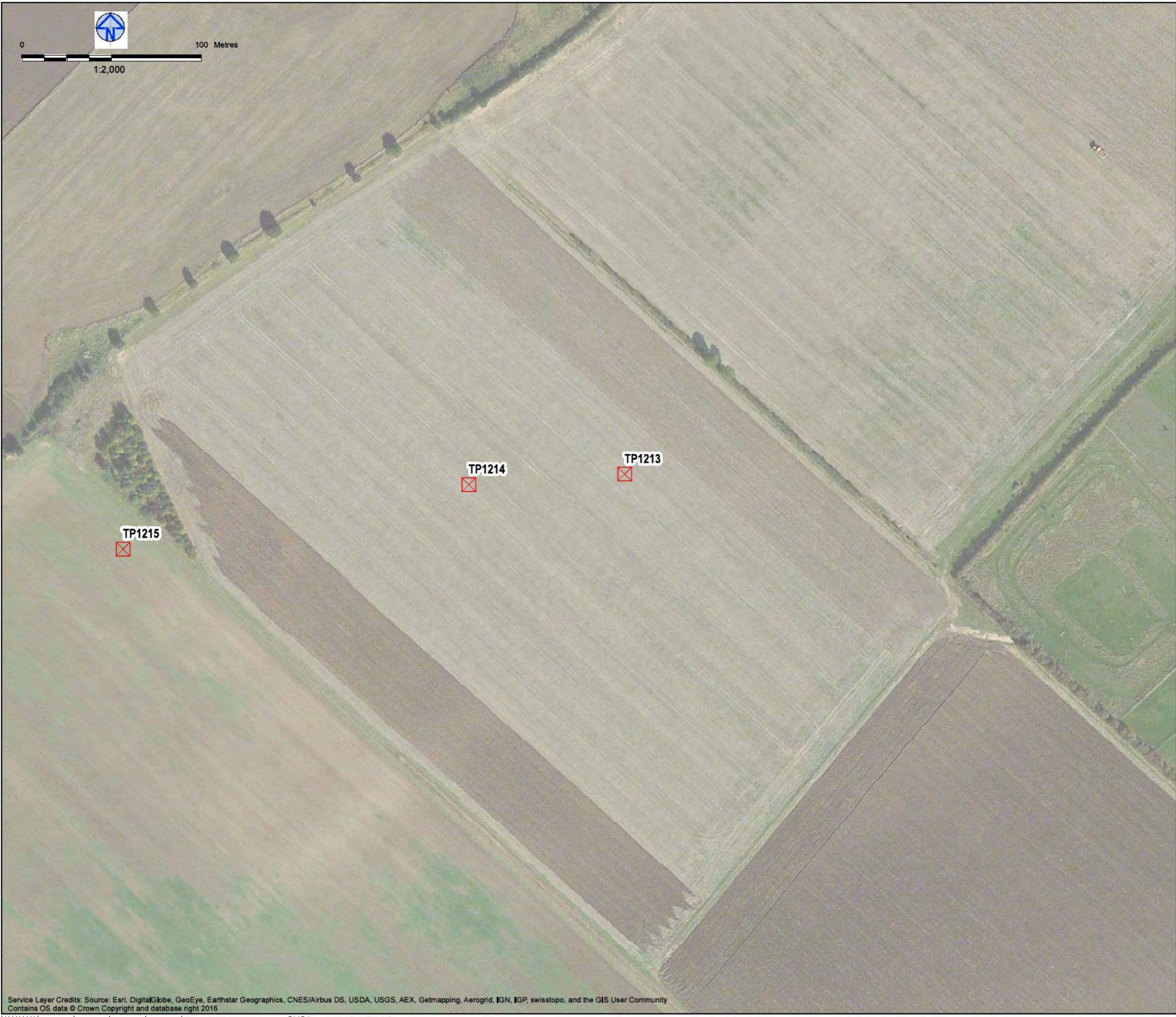
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Page 2 of 12

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Approved		Date: 21FEB17	Signed
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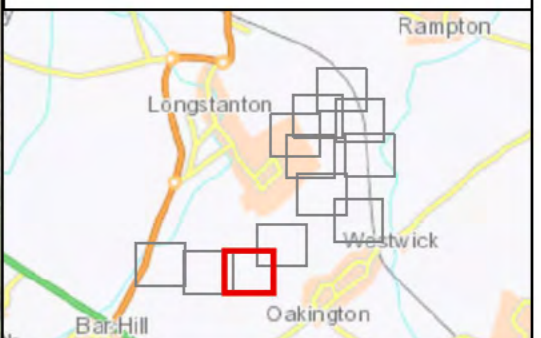
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Drawing Number: UA008426-07-13-GLR-EHP-0001	Revision: 01
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**Legend:**

☒ Trial Pit



Rev	Date	Description	Drawn	Check	Approv
01	21/02/2017	First draft	JRG		

**Client**

**PROJECT: Northstowe Phase 2**

**Site**  
Northstowe, Cambridgeshire

**Client**  
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<https://www.gov.uk/government/organisations/homes-and-communities-agency>

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**Coordinating office:**  
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Tel: +44 (0) 292 092 0700

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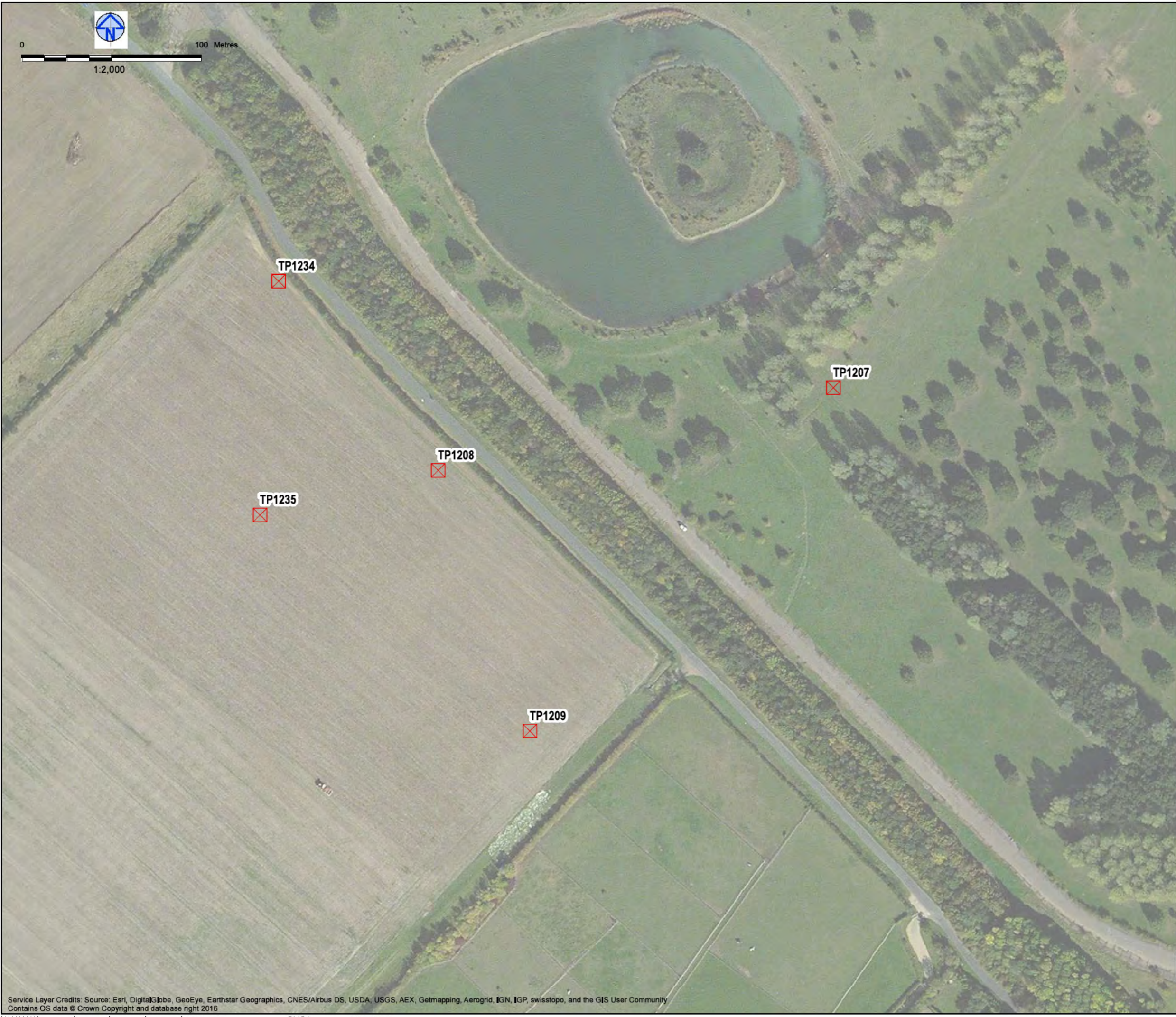
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Page 3 of 12

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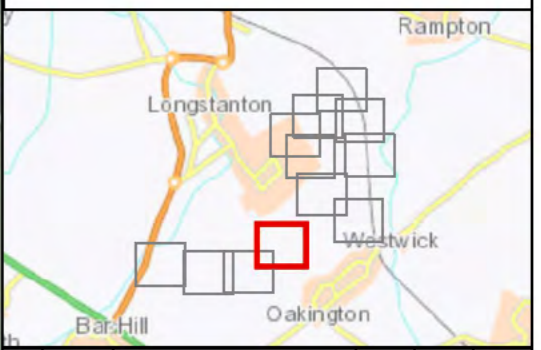
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Drawing Number:	Revision:
UA008426-07-13-GLR-EHP-0001	01



**Legend:**

Trial Pit



Rev	Date	Description	Drawn	Check	Approv
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**Client**

**PROJECT: Northstowe Phase 2**

**Site**  
Northstowe, Cambridgeshire

**Client**  
Homes and Communities Agency  
Fry Building, 2 Marsham Street  
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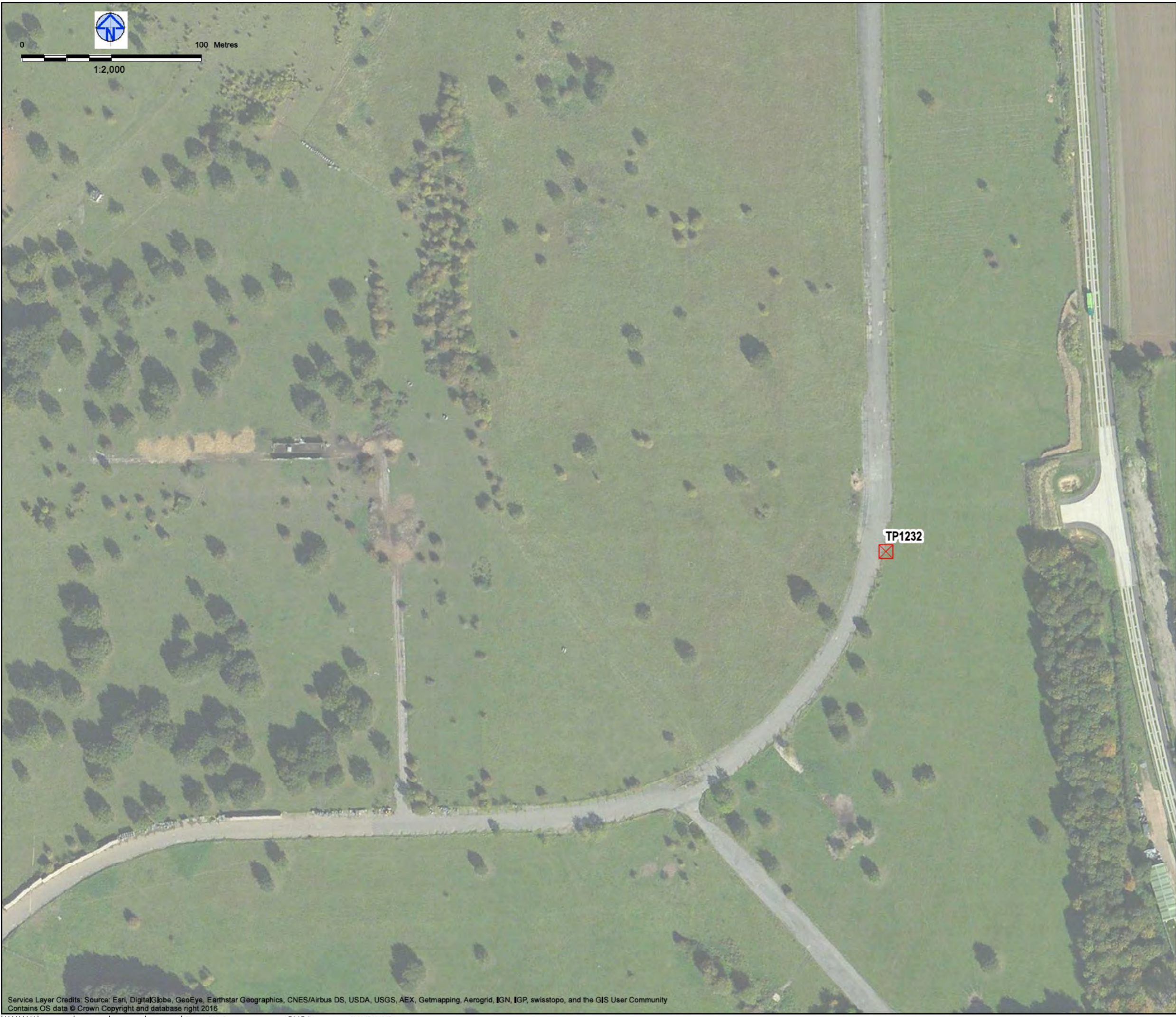
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**Exploratory Hole Location Plan**  
Page 4 of 12

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Approved		Date:	21FEB17	Signed
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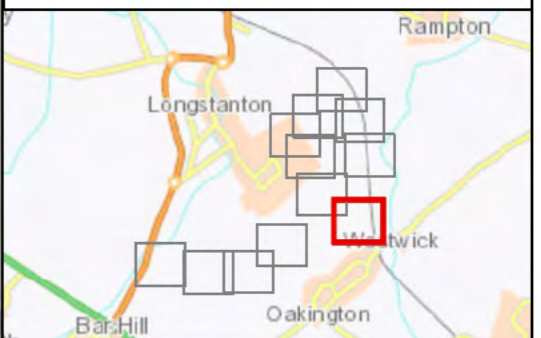
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Drawing Number: **UA008426-07-13-GLR-EHP-0001** | Revision: **01**



**Legend:**

☒ Trial Pit



Rev	Date	Description	Drawn	Check	Approv
01	21/02/2017	First draft	JRG		

**Client**



**PROJECT:**  
Northstowe  
Phase 2

**Site**

Northstowe, Cambridgeshire

**Client**

Homes and Communities Agency  
Fry Building, 2 Marsham Street  
London - SW1P 4DF  
Phone +44 0300 1234 500  
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<https://www.gov.uk/government/organisations/homes-and-communities-agency>



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**Coordinating office:**  
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**TITLE:**

Exploratory Hole Location Plan  
Page 5 of 12

Designed	Reg. 13(1)	Date:	21FEB17	Signed
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Approved		Date:	21FEB17	Signed
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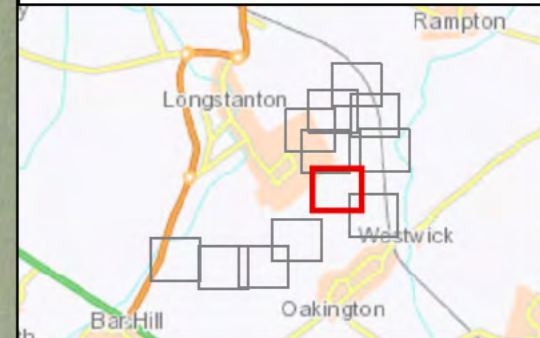
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0 100 Metres  
1:2,000

**Legend:**

Trial Pit



Rev	Date	Description	Drawn	Check	Approv
01	21/02/2017	First draft	JRG		

**Client**



**PROJECT:**  
Northstowe  
Phase 2

**Site**  
Northstowe, Cambridgeshire

**Client**  
Homes and Communities Agency  
Fry Building, 2 Marsham Street  
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<https://www.gov.uk/government/organisations/homes-and-communities-agency>



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**Coordinating office:**  
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**Exploratory Hole Location Plan**  
Page 6 of 12

Designed	Reg. 13(1)	Date: 21FEB17	Signed
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Approved		Date: 21FEB17	Signed
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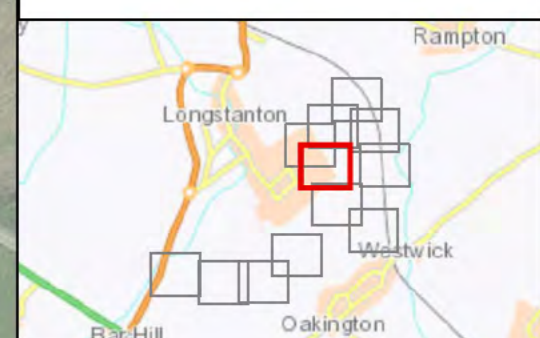
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**For information**

Drawing Number: UA008426-07-13-GLR-EHP-0001	Revision: 01
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**Legend:**

- Cable Percussion Brehole
- LIF
- Trial Pit
- Trial Pit with soakway



Rev	Date	Description	Drawn	Check	Approv
01	21/02/2017	First draft			JRG

**Client**

**PROJECT: Northstowe Phase 2**

**Site** Northstowe, Cambridgeshire

**Client** Homes and Communities Agency  
 Fry Building, 2 Marsham Street  
 London - SW1P 4DF  
 Phone +44 0300 1234 500  
 ma@homesandcommunities.co.uk  
<https://www.gov.uk/government/organisations/homes-and-communities-agency>

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**Registered office:** Arcadis House, 34 York Way, London, N1 9AB

**Coordinating office:** Arcadis Cymru House, Fortran Road, St Mellons Business Park, Cardiff, CF3 0EYK | UK  
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**TITLE:**

**Exploratory Hole Location Plan**  
 Page 7 of 12

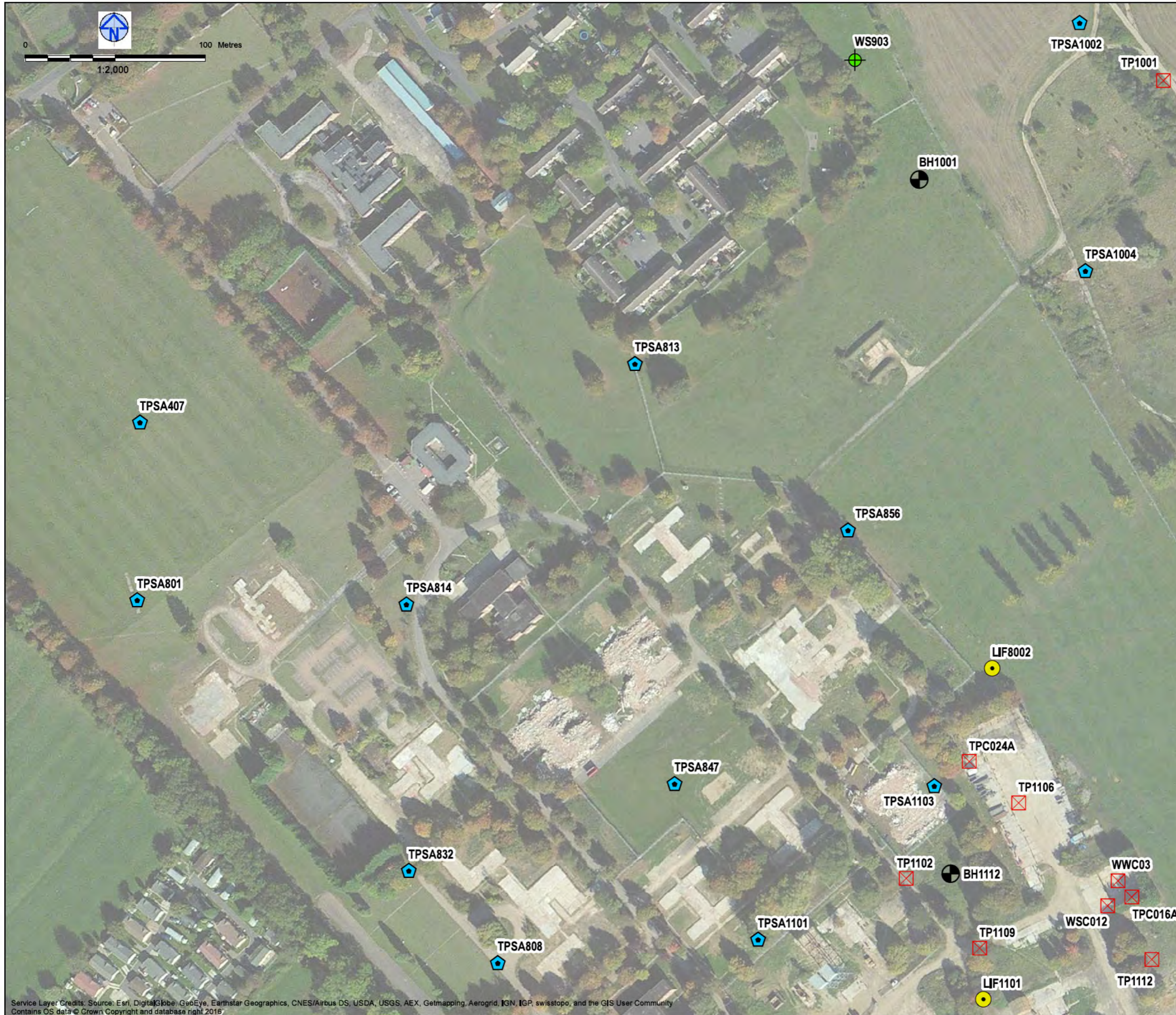
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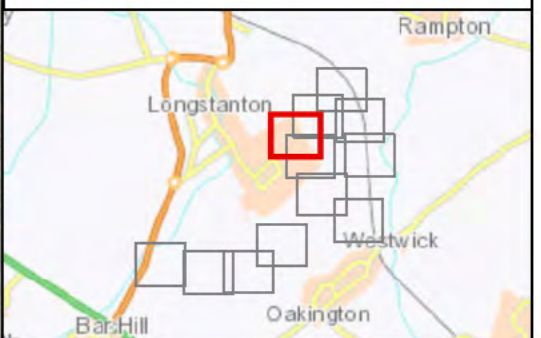
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**Legend:**

- Cable Percussion Brehole
- LIF
- Trial Pit
- Trial Pit with soakway
- Windowless Sample



Rev	Date	Description	Drawn	Check	Approv
01	21/02/2017	First draft	JRG		

**Client**

**Homes & Communities Agency**

**PROJECT: Northstowe Phase 2**

**Site:** Northstowe, Cambridgeshire

**Client:** Homes and Communities Agency  
 Fry Building, 2 Marsham Street  
 London - SW1P 4DF  
 Phone: +44 (0)300 1234 500  
 Email: [ma@homesandcommunities.co.uk](mailto:ma@homesandcommunities.co.uk)  
<https://www.gov.uk/government/organisations/homes-and-communities-agency>

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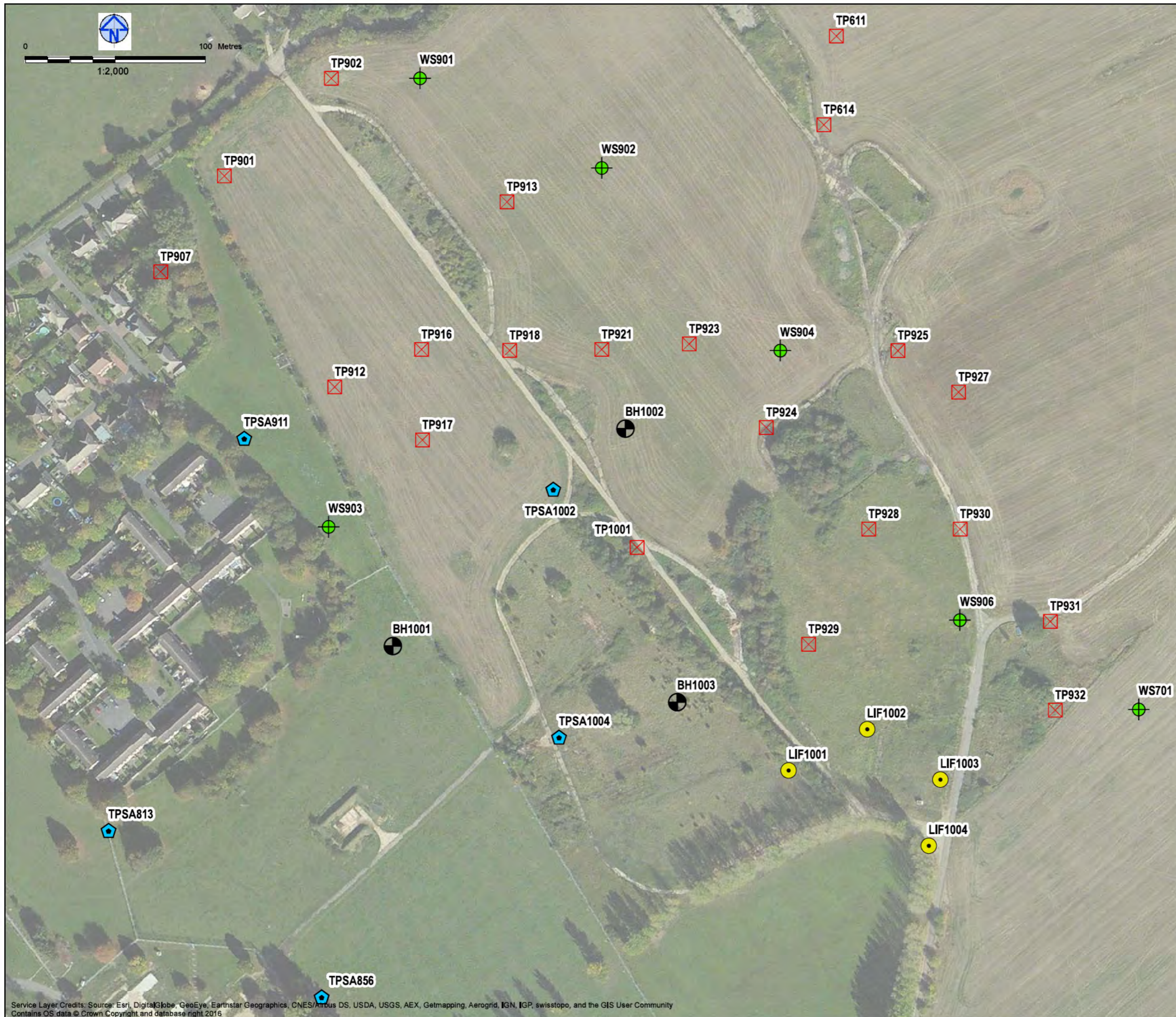
Exploratory Hole Location Plan  
 Page 8 of 12

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Approved		Date: 21FEB17	Signed
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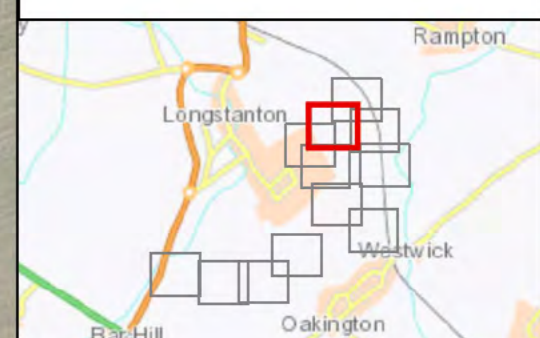
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**Legend:**

- Cable Percussion Brehole
- LIF
- Trial Pit
- Trial Pit with soakway
- Windowless Sample



Rev	Date	Description	Drawn	Check	Approv
01	21/02/2017	First draft	JRG		

**Client**

**Homes & Communities Agency**

**PROJECT: Northstowe Phase 2**

**Site:** Northstowe, Cambridgeshire

**Client:** Homes and Communities Agency  
 Fry Building, 2 Marsham Street  
 London - SW1P 4DF  
 Phone: +44 0300 1234 500  
 Email: [mail@homesandcommunities.co.uk](mailto:mail@homesandcommunities.co.uk)  
<https://www.gov.uk/government/organisations/homes-and-communities-agency>

**ARCADIS** | Design & Consultancy for natural and built assets

**Registered office:** Arcadis House, 34 York Way, London, N1 9AB

**Coordinating office:** Arcadis Cymru House, Fortran Road, St Mellons Business Park, Cardiff | CF3 0EYK | UK  
 Tel: +44 (0) 292 092 0700

[www.arcadis.com](http://www.arcadis.com)

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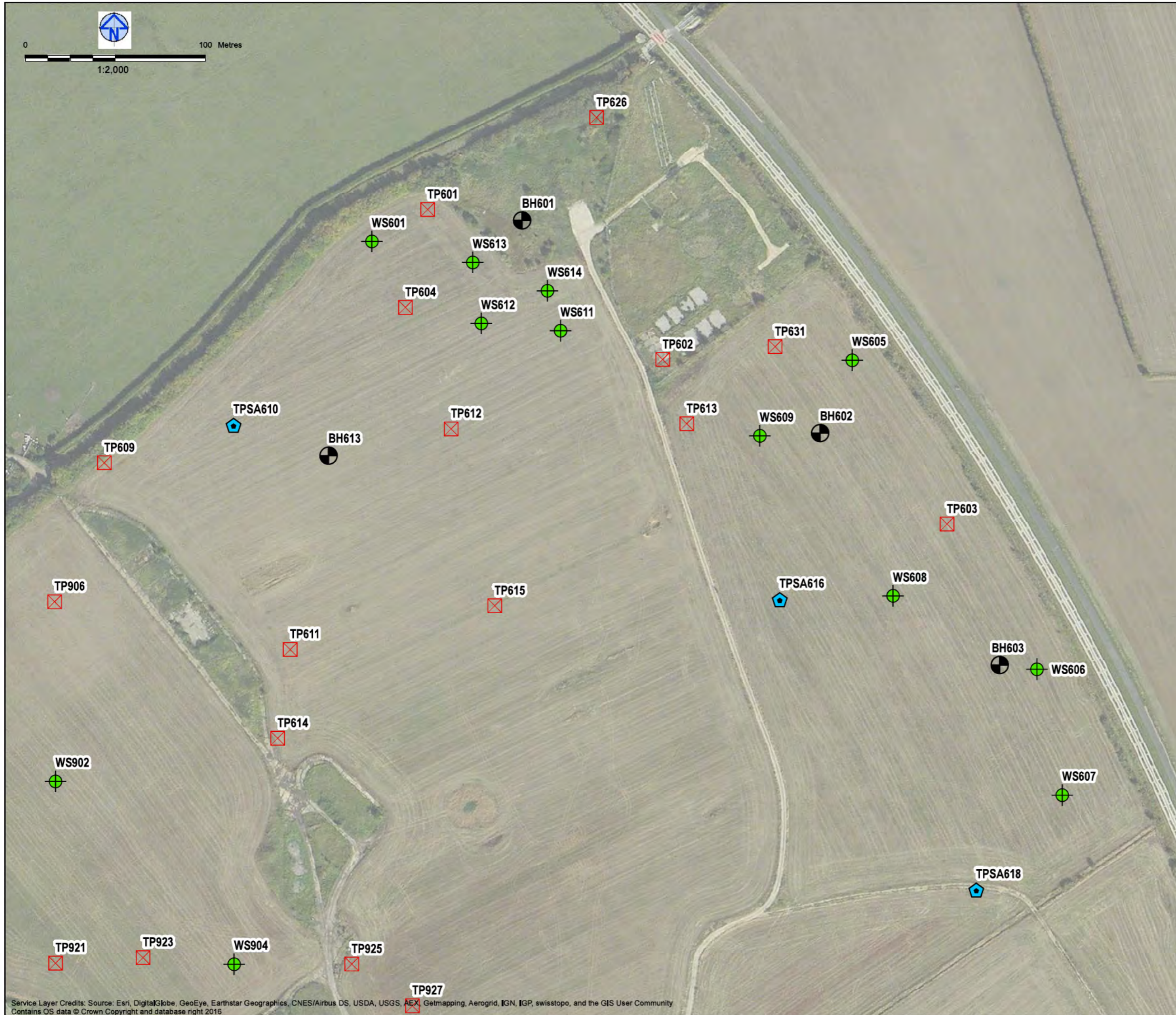
**Exploratory Hole Location Plan**  
 Page 9 of 12

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Approved		Date: 21FEB17	Signed
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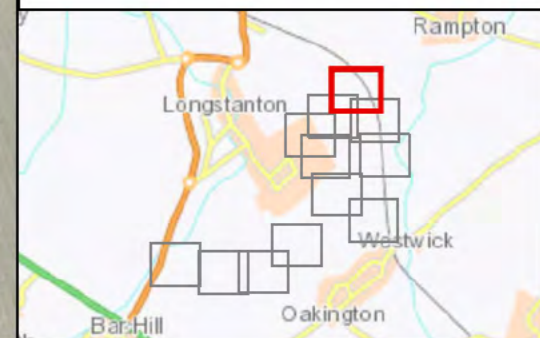
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Drawing Number: UA008426-07-13-GLR-EHP-0001 | Revision: 01



**Legend:**

-  Cable Percussion Brehole
-  Trial Pit
-  Trial Pit with soakway
-  Windowless Sample



Rev	Date	Description	Drawn	Check	Approv
01	21/02/2017	First draft	JRG		

**Client**

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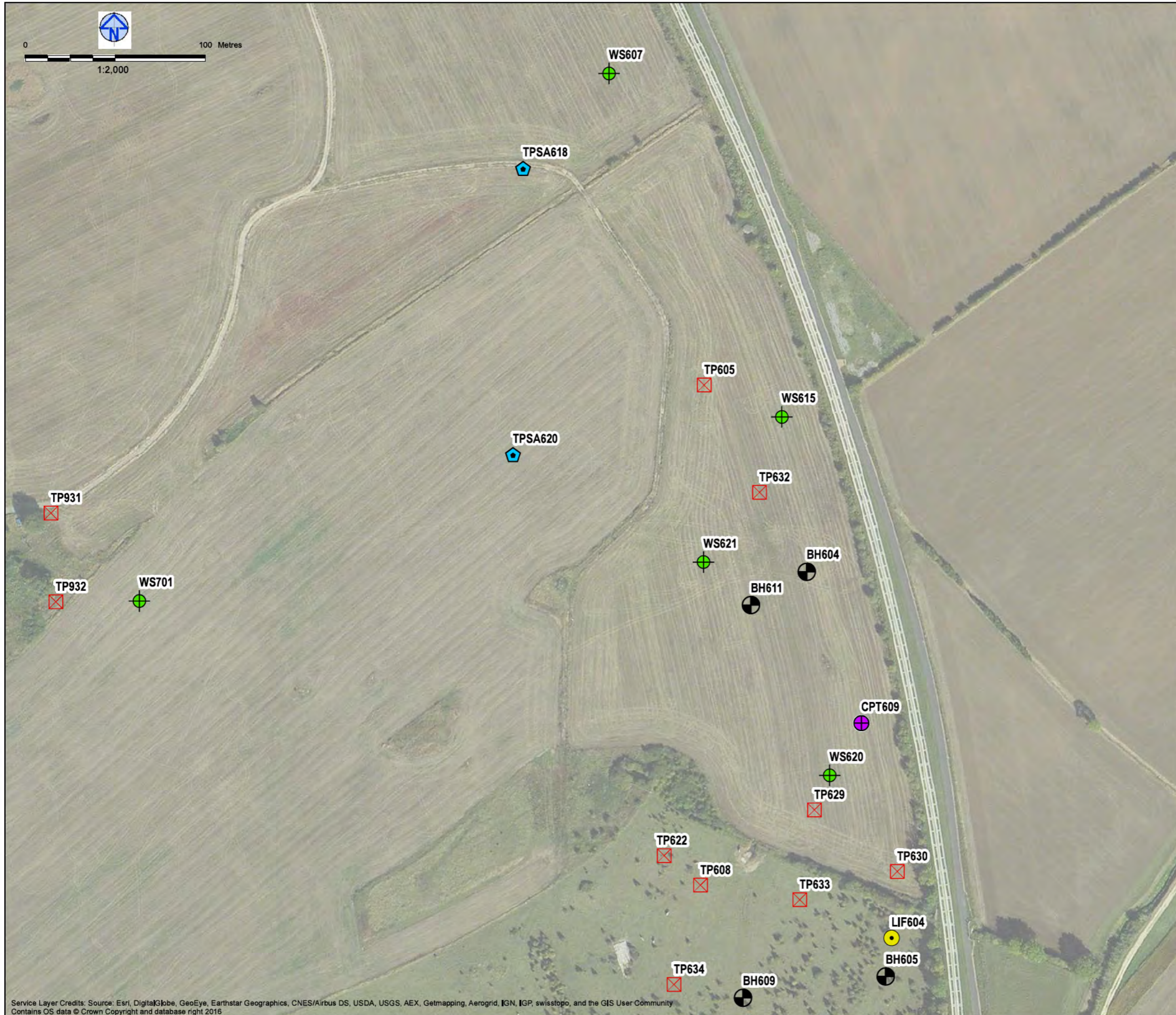
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**Exploratory Hole Location Plan**  
 Page 10 of 12

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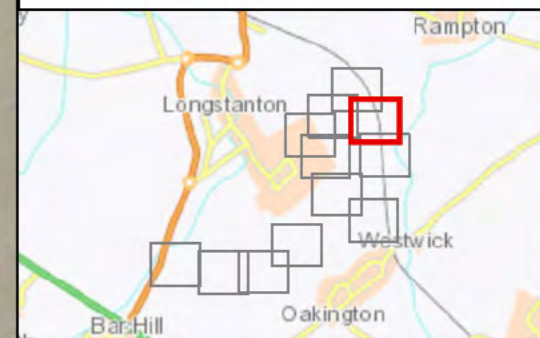
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Drawing Number:	Revision:
UA008426-07-13-GLR-EHP-0001	01



**Legend:**

- Cable Percussion Borehole
- Cone Penetration Test
- LIF
- Trial Pit
- Trial Pit with soakway
- Windowless Sample



Rev	Date	Description	Drawn	Check	Approv
01	21/02/2017	First draft	JRG		

**Client**

**PROJECT: Northstowe Phase 2**

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 Fry Building, 2 Marsham Street  
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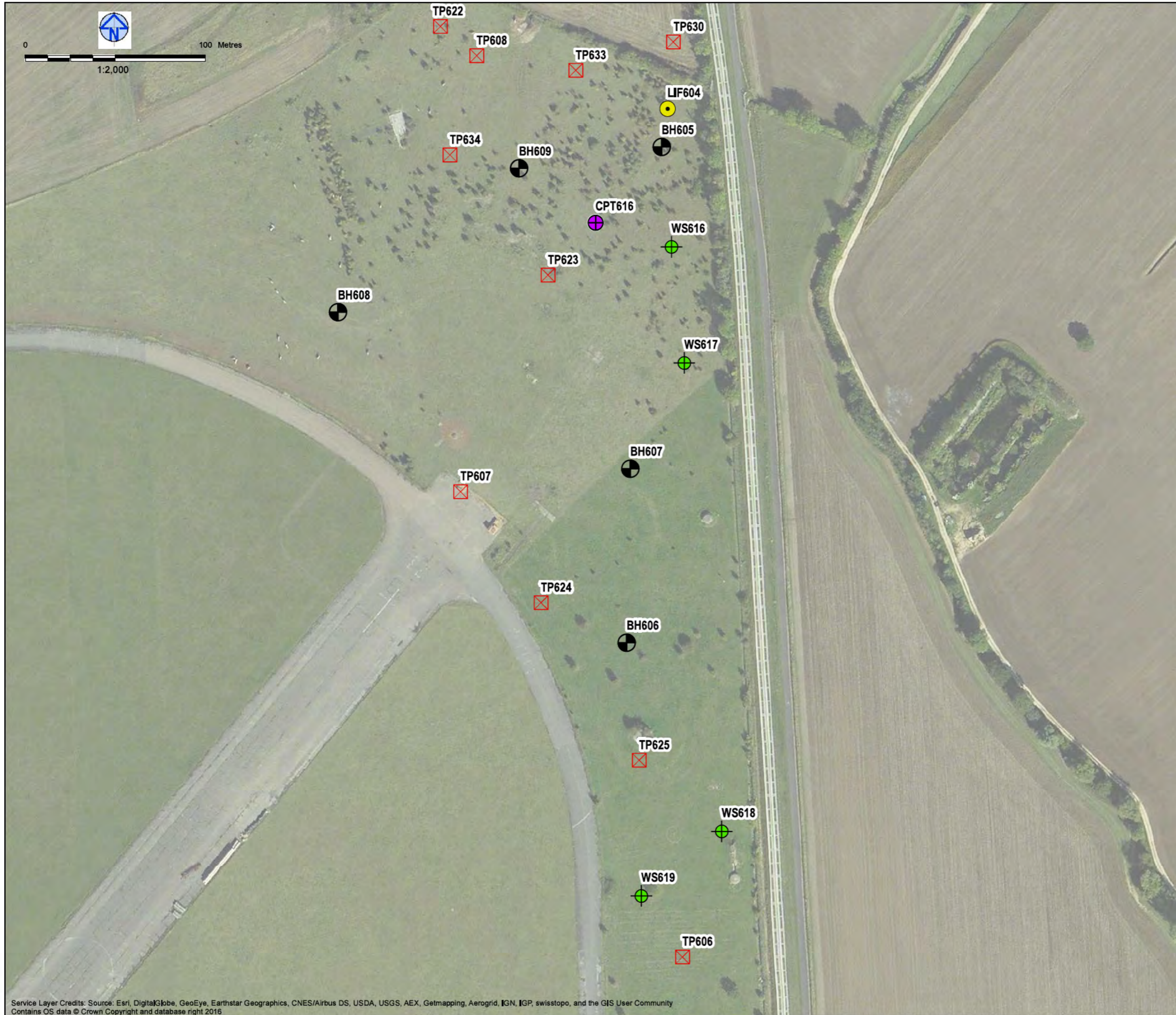
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**Exploratory Hole Location Plan**  
Page 11 of 12

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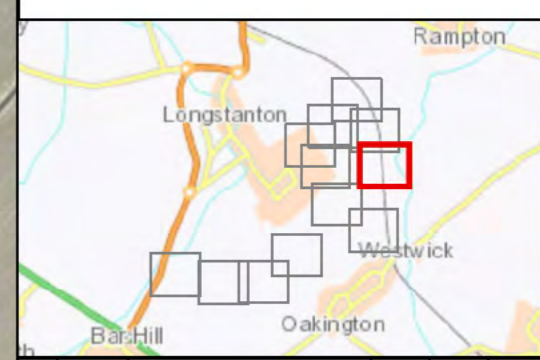
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UA008426-07-13-GLR-EHP-0001	01



**Legend:**

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TITLE:

**Exploratory Hole Location Plan**  
 Page 12 of 12

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Suitability Code:	S2	Project Number:	UA008426

Suitability Description:

For information

Drawing Number:	Revision:
UA008426-07-13-GLR-EHP-0001	01

**APPENDIX B**

**STANDARD PROCEDURES**