Data Summary Statistics

Site:	Birchall Farm	**Project No:**	9Y0074
Data Description:	Groundwater		
Land Use:	Residential	**Completed By:**	DBP
Receptor:	Controlled Waters	**Checked By:**	EH

Assessment Criteria Key

a) WFD salt water 2015	e) WFD 2010	i)
b) EQS freshwater (older EQS values)	f) Laboratory limit of detection	j)
c) WFD inland surface waters 2015	g) RBDT 2010 Good standards for rivers	k)
d) EQS saltwater	h)	l)

Contaminant	Units	Method Detection Limit	Assess-ment Criteria (AC)	Source (see key)	Summary Statistics							Sample Identifiers and Analytical Data								
					Total Number of Samples	Results Above Detection Limit	Minimum	Maximum	Arithmetic Mean	Standard Deviation	Number of results >AC	BFBH01 01/06/2014	BFBH01 01/01/2015	BFBH02 01/06/2014	BFBH02 01/01/2015	BFBH03 01/06/2014	BFBH03 01/01/2015	BFBH04 01/06/2014	BFBH04 01/01/2015	HCFBH1 01/01/2015
Inorganics			-		0	0	0	0	-	-	-									
pH	pH Units	<1	-		7	7	7.06	7.94	7.38428571	0.3010458	-	7.16	7.18		7.94	7.33	7.55		7.47	7.06
Ammoniacal Nitrogen as NH3	mg/l	<0.2	-		9	6	0.2	74.4	13.8502222	23.8934012	-	19.9	74.4	0.292	<0.2	<0.2	<0.2	13.1	2.86	13.5
Filtered (Dissolved) Metals			-		0	0	0	0	-	-	-									
Mercury (diss.filt)	µg/l	<0.01	0.05	e	9	0	0.01	0.01	-	-	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Arsenic (diss.filt)	µg/l	<0.12	50	c	9	9	0.476	13.5	3.53288889	3.99660858	0	1.99	13.5	2.45	1.4	4.44	0.476	1.5	1.36	4.68
Barium (diss.filt)	µg/l	<0.03	700000		9	9	96.1	288	184.122222	71.9785346	0	207	267	191	121	288	96.1	240	101	146
Beryllium (diss.filt)	µg/l	<0.07	-		9	2	0.07	0.833	0.21388889	0.29130244	-	<0.07	<0.07	0.602	<0.07	0.833	<0.07	<0.07	<0.07	<0.07
Boron (diss.filt)	µg/l	<9.4	2000	b	9	9	40.7	3000	928.633333	1120.48902	2	1510	3000	82.1	56	49.9	40.7	2230	159	1230
Cadmium (diss.filt)	µg/l	<0.1	0.25	c	9	4	0.1	0.522	0.23055556	0.18203098	3	0.166	0.438	0.449	<0.1	0.522	<0.1	<0.1	<0.1	<0.1
Chromium (diss.filt)	µg/l	<0.22	4.7	c	9	9	1.36	20.4	6.88888889	6.79602907	4	20.4	3	8.91	1.36	8.09	1.42	14.6	1.53	2.69
Copper (diss.filt)	µg/l	<0.85	1	c	9	9	0.915	23.2	6.82722222	7.3816026	8	4.08	4.01	14.8	2.6	23.2	1.23	5.29	5.32	0.915
Lead (diss.filt)	µg/l	<0.02	1.2	c	9	8	0.02	19.6	4.43077778	7.48709	4	0.025	3.31	15.1	1.38	19.6	0.022	<0.02	0.305	0.115
Nickel (diss.filt)	µg/l	<0.15	4	c	9	9	2.65	30	17.6611111	11.2654321	8	28.2	27.9	27.3	4.02	30	2.65	13.6	6.48	18.8
Selenium (diss.filt)	µg/l	<0.39	10		9	9	0.604	8.79	2.91377778	2.4733456	0	4.43	3	2.13	1.58	1.54	1.34	2.81	0.604	8.79
Vanadium (diss.filt)	µg/l	<0.24	60	b	9	9	0.521	32.2	7.89211111	11.0210786	0	5.36	3.95	20.7	1.37	32.2	0.521	3.91	0.948	2.07
Zinc (diss.filt)	µg/l	<0.41	125	e	9	8	0.41	64.7	17.5584444	22.0627611	0	6.5	25.6	38.7	16.5	64.7	<0.41	3.55	1.4	0.666
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Hardness, Total as CaCO3 unfiltered	mg/l	<0.35	-		2	2	543	989	766	315.369624	-	989				543				
			-																	
Phenol	mg/l	<0.002	7.7	c	4	0	0.002	0.002	-	-	0	<0.002		<0.002		<0.002		<0.002		
Cresols	mg/l	<0.006	-		4	0	0.006	0.006	-	-	-	<0.006		<0.006		<0.006		<0.006		
Xylenols	mg/l	<0.008	-		4	0	0.008	0.008	-	-	-	<0.008		<0.008		<0.008		<0.008		
2,3,5-Trimethylphenol	mg/l	<0.003	-		4	0	0.003	0.003	-	-	-	<0.003		<0.003		<0.003		<0.003		
2-Isopropylphenol	mg/l	<0.006	-		4	0	0.006	0.006	-	-	-	<0.006		<0.006		<0.006		<0.006		
Phenols, Total Detected 5 speciated	mg/l	<0.025	-		4	0	0.025	0.025	-	-	-	<0.025		<0.025		<0.025		<0.025		
			-																	
Methyl tertiary butyl ether (MTBE)	µg/l	<3	-		9	0	3	3	-	-	-	<3	<3	<3	<3	<3	<3	<3	<3	<3
Benzene	µg/l	<7	10	c	9	0	7	7	-	-	0	<7	<7	<7	<7	<7	<7	<7	<7	<7
Toluene	µg/l	<4	74	c	9	0	4	4	-	-	0	<4	<4	<4	<4	<4	<4	<4	<4	<4
Ethylbenzene	µg/l	<5	20	b	9	0	5	5	-	-	0	<5	<5	<5	<5	<5	<5	<5	<5	<5
m,p-Xylene	µg/l	<8	30	g	9	0	8	8	-	-	0	<8	<8	<8	<8	<8	<8	<8	<8	<8
o-Xylene	µg/l	<3	30	g	9	0	3	3	-	-	0	<3	<3	<3	<3	<3	<3	<3	<3	<3
Sum of detected Xylenes	µg/l	<11	30	g	9	0	11	11	-	-	0	<11	<11	<11	<11	<11	<11	<11	<11	<11
Aliphatics >C5-C6	µg/l	<10	10	f	9	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aliphatics >C6-C8	µg/l	<10	10	f	9	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aliphatics >C8-C10	µg/l	<10	10	f	9	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aliphatics >C10-C12	µg/l	<10	10	f	9	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aliphatics >C12-C16 (aq)	µg/l	<10	10	f	9	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aliphatics >C16-C21 (aq)	µg/l	<10	10	f	9	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aliphatics >C21-C35 (aq)	µg/l	<10	10	f	9	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatics >EC5-EC7	µg/l	<10	10	f	9	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatics >EC7-EC8	µg/l	<10	10	f	9	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatics >EC8-EC10	µg/l	<10	10	f	9	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatics >EC10-EC12	µg/l	<10	10	f	9	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatics >EC12-EC16 (aq)	µg/l	<10	10	f	9	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatics >EC16-EC21 (aq)	µg/l	<10	10	f	9	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatics >EC21-EC35 (aq)	µg/l	<10	10	f	9	1	10	36	12.8888889	-	1	<10	<10	<10	<10	<10	<10	<10	<10	36
			-																	
Naphthalene (aq)	µg/l	<0.1	2	c	9	0	0.1	0.1	-	-	0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (aq)	µg/l	<0.015	-		9	0	0.015	0.015	-	-	-	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Acenaphthylene (aq)	µg/l	<0.011	-		9	0	0.011	0.011	-	-	-	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011
Fluoranthene (aq)	µg/l	<0.017	0.0063	c	9	3	0.017	0.0895	0.02893333	0.02407992	9	0.0397	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	0.0292	0.0895
Anthracene (aq)	µg/l	<0.015	0.1	c	9	1	0.015	0.0157	0.01507778	-	0	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	0.0157
Phenanthrene (aq)	µg/l	<0.022	-		9	2	0.022	0.0686	0.03192222	0.01971293	-	0.0686	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	0.0647
Fluorene (aq)	µg/l	<0.014	-		9	2	0.014	0.016	0.0143	0.00067823	-	0.016	<0.014	<0.014	<0.014	<0.014	<0.014	<0.014	<0.014	0.0147
Chrysene (aq)	µg/l	<0.013	-		9	3	0.013	0.0715	0.01967778	0.01943957	-	0.0131	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	0.0145	0.0715
Pyrene (aq)	µg/l	<0.015	-		9	5	0.015	0.0721	0.02717778	0.02001304	-	0.0309	0.0186	<0.015	<0.015	<0.015	0.0162	<0.015	0.0468	0.0721
Benzo(a)anthracene (aq)	µg/l	<0.017	-		9	1	0.017	0.0645	0.02227778	-	-	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	0.0645
Benzo(b)fluoranthene (aq)	µg/l	<0.023	-		9	2	0.023	0.173	0.04411111	0.05011099	-	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	0.063	0.173
Benzo(k)fluoranthene (aq)	µg/l	<0.027	-		9	1	0.027	0.0747	0.0323	-	-	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	0.0747
Benzo(a)pyrene (aq)	µg/l	<0.009	0.00017	c	9	2	0.009	0.125	0.0244	0.03845829	0	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	0.0316	0.125
Dibenzo(a,h)anthracene (aq)	µg/l	<0.016	-		9	1	0.016	0.0364	0.01826667	-	-	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	0.0364
Benzo(g,h,i)perylene (aq)	µg/l	<0.016	-		9	2	0.016	0.0926	0.02707778	0.0257311	-	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	0.0391	0.0926
Indeno(1,2,3-cd)pyrene (aq)	µg/l	<0.014	-		9	2	0.014	0.0693	0.02156667	0.01839375	-	<0.014	<0.014	<0.014	<0.014	<0.014	<0.014	<0.014	0.0268	0.0693
			-																	
1,2,4-Trichlorobenzene (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1		
1,2-Dichlorobenzene (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1		
1,3-Dichlorobenzene (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1		

Contaminant	Units	Method Detection Limit	Assess-ment Criteria (AC)	Source (see key)	Summary Statistics							Sample Identifiers and Analytical Data									
					Total Number of Samples	Results Above Detection Limit	Minimum	Maximum	Arithmetic Mean	Standard Deviation	Number of results >AC	BFBH01 01/06/2014	BFBH01 01/01/2015	BFBH02 01/06/2014	BFBH02 01/01/2015	BFBH03 01/06/2014	BFBH03 01/01/2015	BFBH04 01/06/2014	BFBH04 01/01/2015	HCFBH1 01/01/2015	
1,4-Dichlorobenzene (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
2,4,5-Trichlorophenol (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
2,4,6-Trichlorophenol (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
2,4-Dichlorophenol (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
2,4-Dimethylphenol (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
2,4-Dinitrotoluene (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
2,6-Dinitrotoluene (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
2-Chloronaphthalene (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
2-Chlorophenol (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
2-Methylnaphthalene (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
2-Methylphenol (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
2-Nitroaniline (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
2-Nitrophenol (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
3-Nitroaniline (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
4-Bromophenylphenylether (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
4-Chloro-3-methylphenol (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
4-Chloroaniline (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
4-Chlorophenylphenylether (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
4-Methylphenol (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
4-Nitroaniline (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
4-Nitrophenol (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Azobenzene (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
bis(2-Chloroethyl)ether (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
bis(2-Chloroethoxy)methane (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
bis(2-Ethylhexyl) phthalate (aq)	µg/l	<2	-		4	0	2	2	-	-	-	<2		<2		<2		<2			
Butylbenzyl phthalate (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Carbazole (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Chrysene (aq)	µg/l	<1	-		0	0	0	0	-	-	-										
Dibenzofuran (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
n-Dibutyl phthalate (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Diethyl phthalate (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Dimethyl phthalate (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
n-Dioctyl phthalate (aq)	µg/l	<5	-		4	0	5	5	-	-	-	<5		<5		<5		<5			
Hexachlorobenzene (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Hexachlorobutadiene (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Pentachlorophenol (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Phenol (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
n-Nitroso-n-dipropylamine (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Hexachloroethane (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Nitrobenzene (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Isophorone (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Hexachlorocyclopentadiene (aq)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
			-																		
Dichlorodifluoromethane	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Chloromethane	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Vinyl chloride	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Bromomethane	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Chloroethane	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Trichlorofluoromethane	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
1,1-Dichloroethene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Carbon disulphide	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Dichloromethane	µg/l	<3	-		4	0	3	3	-	-	-	<3		<3		<3		<3			
Methyl tertiary butyl ether (MTBE)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
trans-1,2-Dichloroethene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
1,1-Dichloroethane	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
cis-1,2-Dichloroethene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
2,2-Dichloropropane	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Bromochloromethane	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Chloroform	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
1,1,1-Trichloroethane	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
1,1-Dichloropropene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Carbontetrachloride	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
1,2-Dichloroethane	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Benzene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Trichloroethene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
1,2-Dichloropropane	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Dibromomethane	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Bromodichloromethane	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
cis-1,3-Dichloropropene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Toluene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
trans-1,3-Dichloropropene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
1,1,2-Trichloroethane	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
1,3-Dichloropropane	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Tetrachloroethene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Dibromochloromethane	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			

Contaminant	Units	Method Detection Limit	Assess-ment Criteria (AC)	Source (see key)	Summary Statistics							Sample Identifiers and Analytical Data									
					Total Number of Samples	Results Above Detection Limit	Minimum	Maximum	Arithmetic Mean	Standard Deviation	Number of results >AC	BFBH01 01/06/2014	BFBH01 01/01/2015	BFBH02 01/06/2014	BFBH02 01/01/2015	BFBH03 01/06/2014	BFBH03 01/01/2015	BFBH04 01/06/2014	BFBH04 01/01/2015	HCFBH1 01/01/2015	
1,2-Dibromoethane	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Chlorobenzene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
1,1,1,2-Tetrachloroethane	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Ethylbenzene	µg/l	<1	20	b	4	0	1	1	-	-	0	<1		<1		<1		<1			
m,p-Xylene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
o-Xylene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Styrene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Bromoform	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Isopropylbenzene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
1,1,2,2-Tetrachloroethane	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
1,2,3-Trichloropropane	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Bromobenzene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Propylbenzene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
2-Chlorotoluene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
1,3,5-Trimethylbenzene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
4-Chlorotoluene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
tert-Butylbenzene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
1,2,4-Trimethylbenzene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
sec-Butylbenzene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
4-iso-Propyltoluene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
1,3-Dichlorobenzene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
1,4-Dichlorobenzene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
n-Butylbenzene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
1,2-Dichlorobenzene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
1,2-Dibromo-3-chloropropane	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
1,2,4-Trichlorobenzene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Hexachlorobutadiene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
tert-Amyl methyl ether (TAME)	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
Naphthalene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
1,2,3-Trichlorobenzene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
1,3,5-Trichlorobenzene	µg/l	<1	-		4	0	1	1	-	-	-	<1		<1		<1		<1			
			-																		
Dichlorvos	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
Mevinphos	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
alpha-Hexachlorocyclohexane (HCH / Lindane)	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
Diazinon	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
gamma-Hexachlorocyclohexane (HCH / Lindan	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
Heptachlor	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
Aldrin	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
beta-Hexachlorocyclohexane (HCH / Lindane)	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
Methyl parathion	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
Malathion	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
Fenitrothion	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
Heptachlor epoxide	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
Parathion	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
o,p-DDE	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
Endosulphan I	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
p,p-DDE	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
Dieldrin	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
o,p-TDE (DDD)	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
Endrin	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
o,p-DDT	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
p,p-TDE (DDD)	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
Ethion	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
Endosulphan II	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
p,p-DDT	µg/l	<0.01	0.01	c	2	0	0.01	0.01	-	-	0			<0.01		<0.01					
o,p-Methoxychlor	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
p,p-Methoxychlor	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
Endosulphan sulphate	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
Azinphos-methyl	µg/l	<0.01	-		2	0	0.01	0.01	-	-	-			<0.01		<0.01					
			-																		
Organic Carbon, Total			-		5	4	3	18	10.512	6.32023101	-		18		6.44		<3		9.22	15.9	
Conductivity @20 deg. C	mS/cm	<0.005	-		5	5	0.488	3.2	1.5714	1.10954216	-		2.12		1.34		0.709		0.488	3.2	
Sulphate	mg/l	<2	400	b	5	5	20.7	150	91.46	53.2404733	0		77		150		70.6		20.7	139	
Chloride	mg/l	<2	250	b	5	5	11.2	581	203.04	230.353659	0		191		209		23		11.2	581	
BOD, unfiltered	mg/l	<1	-		5	2	1	3.39	1.808	1.13691249	-		<1		<1		<1		3.39	2.65	
Alkalinity, Total as CaCO3	mg/l	<2	-		5	5	265	1480	639.6	544.153287	-		905		279		265		269	1480	
Total Oxidised Nitrogen as N	mg/l	<0.1	-		5	2	0.1	14.3	3.188	6.2349595	-		<0.1		1.34		14.3		<0.1	<0.1	
Calcium	mg/l	<0.012	-		5	5	75.9	300	165.78	83.9147901	-		154		176		123		75.9	300	
Sodium	mg/l	<0.076	-		5	5	15.6	314	128.22	124.583073	-		178		116		17.5		15.6	314	
Magnesium	mg/l	<0.036	-		5	5	6.96	31.4	14.846	10.4932302	-		31.4		9.53		6.96		7.24	19.1	
Potassium	mg/l	<1	-		5	5	1.62	39.7	13.408	15.2918645	-		39.7		1.62		3.82		10.2	11.7	
Iron	mg/l	<0.019	1	c	5	3	0.019	2.07	0.47296	0.89678878	0		2.07		0.22		<0.019		0.0368	<0.019	
Manganese	ug/l	<0.04	123	c	0	0	0	0	-	-	0		-		-		-		-	-	
			-																		