Data Summary Statistics

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

Assessment Criteria Key

a) WFD inland surface waters 2015	e)	i)	m)	q)
b) Laboratory limit of detection	f)	j)	n)	r)
c) SoBRA GAC for assessing vapour risks	g)	k)	o)	s)
d)	h)	l)	p)	t)

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	CG BH01 01/05/2014	CG BH01 01/07/2014	CG BH01 01/01/2015	CG BH03 01/01/2014	CG BH03 01/05/2014	CG BH03 01/01/2015	CG BH07 01/05/2014	CG BH 07 01/07/2014	CG BH07 01/01/2015	CG BH09 01/05/2014	CG BH 09 01/07/2014	CG BH09 01/01/2015	CG BH10 01/05/2014	CG BH 10 01/07/2014
Carbon			-		0	0	0	0	-	-	-														
Carbon, Organic (diss.filt)	mg/l	<3	-		36	32	3	73.7	17.4586111	18.4853994	-	<3		<3	11	7.56	6.26	3.4		<3	5.64		3.89	19.3	
Inorganics			-		0	0	0	0	-	-	-														
Ammoniacal Nitrogen as NH3	mg/l	<0.2	-		42	26	0.2	244	29.8475952	60.0213692	-		<0.2	<0.2	5.26	0.767	0.721		<0.2	<0.2	<0.2	<0.2	0.201	11.3	<0.2
Conductivity @ 20 deg. C	mS/cm	<0.005	-		13	13	0.479	3.37	1.50230769	0.90336338	-			0.777			0.858			0.722			1.37		
pH	pH Units	<1	-		25	25	7.08	8.1	7.5564	0.26817097	-	7.73		7.48		7.68	7.63			7.35	7.55	7.78	7.56		
Sulphate	mg/l	<2	-		13	13	28.3	277	133.515385	80.3082275	-			98.5			108			44			59.8		
Chloride	mg/l	<2	-		13	13	5.3	621	141.807692	171.053961	-			22.1			46.1			60.1			187		
BOD, unfiltered	mg/l	<1	-		13	5	1	2.73	1.53384615	0.71192858	-			<1			<1			<1			<1		
Alkalinity, Total as CaCO3	mg/l	<2	-		13	13	162	8980	1318.53846	2332.28856	-			605			315			225			342		
Total Oxidised Nitrogen as N	mg/l	<0.1	-		13	12	0.1	31.3	9.40053846	8.72236209	-			12.6			12.7			14.4			15		
Filtered (Dissolved) Metals			-		0	0	0	0	-	-	-														
Mercury (diss.filt)	µg/l	<0.01	-		45	5	0.01	0.0177	0.01032889	0.00128799	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.0106
Calcium	mg/l	<0.012	-		13	13	86.7	352	190.515385	72.0447991	-			159			149			135			145		
Arsenic (diss.filt)	µg/l	<0.12	-		45	42	0.12	56.1	5.8606	11.5031322	-	0.406	0.355	4.4	4.05	1.09	1.17	0.538	<0.12	1.03	1.85	<0.12	1.32	2.66	2.18
Sodium	mg/l	<0.076	-		13	13	5.91	398	117.246923	126.041523	-			17.2			35.5			20.2			134		
Barium (diss.filt)	µg/l	<0.03	-		45	43	0.03	754	193.519111	172.081367	-	49.7	46.9	75.5	230	57.8	58.5	96.9	113	74.7	146	<0.03	106	350	438
Magnesium	mg/l	<0.036	-		13	13	4.26	44.1	16.7830769	12.598692	-			4.26			9.34			4.58			11.8		
Beryllium (diss.filt)	µg/l	<0.07	-		45	11	0.07	3.77	0.28335556	0.76355274	-	<0.07	<0.07	0.372	0.482	<0.07	<0.07	<0.07	<0.07	0.117	<0.07	<0.07	<0.07	<0.07	<0.07
Potassium	mg/l	<1	-		13	12	1	67	15.7846154	19.1405066	-			1.96			8.02			<1			1.32		
Iron	mg/l	<0.019	-		13	6	0.019	74.3	6.60456923	20.4331369	-			<0.019			0.0614			0.862			<0.019		
Boron (diss.filt)	µg/l	<9.4	-		45	43	9.4	7900	998.315556	1709.83062	-	43.9	39.2	58.4	433	283	297	37.8	51.1	53	87.2	<9.4	93.8	931	964
Cadmium (diss.filt)	µg/l	<0.1	-		45	18	0.1	2.22	0.29057778	0.50944491	-	<0.1	<0.1	0.242	0.307	<0.1	<0.1	0.107	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.124
Chromium (diss.filt)	µg/l	<0.22	-		45	37	0.22	50.2	7.58655556	10.1196431	-	3.38	<0.22	2.33	10.6	6.03	0.791	3.54	0.239	2.2	7.85	<0.22	1.24	12.3	<0.22
Copper (diss.filt)	µg/l	<0.85	-		45	38	0.85	68	8.74497778	13.8906076	-	<0.85	2.43	11.4	15.3	2.09	<0.85	0.93	3.39	5.06	1.52	<0.85	<0.85	5.04	6.75
Lead (diss.filt)	µg/l	<0.02	-		45	32	0.02	283	9.79953333	42.4649403	-	<0.02	0.053	10.9	10.9	0.032	<0.02	0.329	0.203	7.54	0.034	<0.02	<0.02	0.037	0.16
Manganese	ug/l	<0.04	-		7	7	0.645	714	290.352286	314.630187	-			550			0.645			-			-		
Nickel (diss.filt)	µg/l	<0.15	-		45	43	0.15	90.2	24.2106667	27.0933771	-	4.43	4.51	11.1	24.5	7.58	6.25	4.73	3.7	3.85	7.79	<0.15	6.97	15.4	12.9
Selenium (diss.filt)	µg/l	<0.39	-		45	43	0.39	18.1	4.12795556	4.11625559	-	2.55	1.73	2.09	1.71	1.22	1.26	1.26	1.47	0.753	18.1	<0.39	3.82	5.88	5.22
Vanadium (diss.filt)	µg/l	<0.24	-		45	34	0.24	138	7.55073333	21.741759	-	1.01	<0.24	13	8.31	1.68	0.24	0.756	<0.24	2.59	2.54	<0.24	0.309	3.51	<0.24
Zinc (diss.filt)	µg/l	<0.41	-		45	43	0.41	469	20.6329111	70.4669526	-	3.44	1.87	28.1	40.8	0.587	0.65	1.24	1.37	14	4.64	<0.41	0.84	2.92	3.99
Unfiltered (Total) Metals			-		0	0	0	0	-	-	-														
Hardness, Total as CaCO3 unfiltered	mg/l	<0.35	-		6	6	335	1090	788	304.533085	-	335										496			
Phenols			-		0	0	0	0	-	-	-														
Phenol	mg/l	<0.002	-		32	0	0.002	0.002	-	-	-	<0.002	<0.002		<0.002	<0.002		<0.002	<0.002		<0.002	<0.002		<0.002	<0.002
Cresols	mg/l	<0.006	-		32	2	0.006	0.01	0.00625	0.00098374	-	<0.006	<0.006		<0.006	<0.006		<0.006	<0.006		<0.006	<0.006		<0.006	<0.006
Xylenols	mg/l	<0.008	-		32	1	0.008	0.01	0.0080625	-	-	<0.008	<0.008		<0.008	<0.008		<0.008	<0.008		<0.008	<0.008		<0.008	<0.008
2,3,5-Trimethylphenol	mg/l	<0.003	-		32	0	0.003	0.003	-	-	-	<0.003	<0.003		<0.003	<0.003		<0.003	<0.003		<0.003	<0.003		<0.003	<0.003
2-Isopropylphenol	mg/l	<0.006	-		32	0	0.006	0.006	-	-	-	<0.006	<0.006		<0.006	<0.006		<0.006	<0.006		<0.006	<0.006		<0.006	<0.006
Phenols, Total Detected 5 speciated	mg/l	<0.025	-		32	0	0.025	0.025	-	-	-	<0.025	<0.025		<0.025	<0.025		<0.025	<0.025		<0.025	<0.025		<0.025	<0.025
			-																						
TPH Criteria Working Group (TPH CWG)			-		0	0	0	0	-	-	-														
GRO >C5-C12	ug/l	<50	-		13	0	50	50	-	-	-			<50			<50			<50			<50		
Methyl tertiary butyl ether (MTBE)	µg/l	<3	83000	c	45	0	3	3	-	-	0	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Benzene	µg/l	<7	210	c	45	0	7	7	-	-	0	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7
Toluene	µg/l	<4	230000	c	45	0	4	4	-	-	0	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
Ethylbenzene	µg/l	<5	10000	c	45	0	5	5	-	-	0	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
m,p-Xylene	µg/l	<8	9500	c	45	0	8	8	-	-	0	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8
o-Xylene	µg/l	<3	12000	c	45	0	3	3	-	-	0	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Sum of detected Xylenes	µg/l	<11	-		45	0	11	11	-	-	-	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11
Sum of detected BTEX	ug/l	<28	-		13	0	28	28	-	-	-			<28			<28			<28			<28		
Aliphatics >C5-C6	µg/l	<10	1900	c	45	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aliphatics >C6-C8	µg/l	<10	1500	c	45	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aliphatics >C8-C10	µg/l	<10	57	c	45	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aliphatics >C10-C12	µg/l	<10	37	c	45	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aliphatics >C12-C16 (aq)	µg/l	<10	-		45	0	10	10	-	-	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aliphatics >C16-C21 (aq)	µg/l	<10	-		45	4	10	22	10.5111111	2.04074655	-	<10	<10	<10	<10	<10	<10	<10	15	<10	<10	<10	<10	<10	<10
Aliphatics >C21-C35 (aq)	µg/l	<10	-		45	7	10	326	22.3555556	53.477759	-	<10	<10	<10	<10	<10	<10	<10	49	<10	<10	<10	<10	<10	11
Aromatics >EC5-EC7	µg/l	<10	210000	c	45	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatics >EC7-EC8	µg/l	<10	220000	c	45	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatics >EC8-EC10	µg/l	<10	1900	c	45	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatics >EC10-EC12	µg/l	<10	6800	c	45	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatics >EC12-EC16 (aq)	µg/l	<10	39000	c	45	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatics >EC16-EC21 (aq)	µg/l	<10	-		45	1	10	71	11.3555556	-	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatics >EC21-EC35 (aq)	µg/l	<10	-		45	9	10	359	23.1333333	55.2846354	-	<10	<10	<10	20	<10	<10	22	<10	<10	<10	23	54	<10	<10
Polyaromatic Hydrocarbons (PAHs)			-		0	0	0	0	-	-	-														
Naphthalene (aq)	µg/l	<0.1	220	c	45	0	0.1	0.5	-	-	0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (aq)	µg/l	<0.015	170000	c	45	6	0.015	0.359	0.03091778	0.05877137	0	<0.015	<0.015	<0.015	0.05	<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	220000	c	45	11	0.011	0.259	0.02012444	0.03849449	0	<0.011	<0.011	<0.011	0.082	0.015	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011

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	CG BH01 01/05/2014	CG BH01 01/07/2014	CG BH01 01/01/2015	CG BH03 01/01/2014	CG BH03 01/05/2014	CG BH03 01/01/2015	CG BH07 01/05/2014	CG BH 07 01/07/2014	CG BH07 01/01/2015	CG BH09 01/05/2014	CG BH 09 01/07/2014	CG BH09 01/01/2015	CG BH10 01/05/2014	CG BH 10 01/07/2014
Fluoranthene (aq)	µg/l	<0.017	-		45	23	0.017	14.1	0.47594667	2.10989594	-	<0.017	<0.017	<0.017	2.19	0.319	0.259	<0.017	0.0367	<0.017	0.0349	<0.017	0.0911	<0.017	<0.017
Anthracene (aq)	µg/l	<0.015	-		45	12	0.015	1.42	0.05640889	0.21069679	-	<0.015	<0.015	<0.015	0.231	0.0302	0.0155	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Phenanthrene (aq)	µg/l	<0.022	-		45	15	0.022	4.52	0.15919556	0.67314612	-	<0.022	<0.022	<0.022	0.673	0.0908	0.068	<0.022	<0.022	<0.022	<0.022	<0.022	0.0299	<0.022	<0.022
Fluorene (aq)	µg/l	<0.014	210000	c	45	8	0.014	0.312	0.03286889	0.06096666	0	<0.014	<0.014	<0.014	0.0487	<0.014	<0.014	<0.014	<0.014	<0.014	<0.014	<0.014	<0.014	<0.014	<0.014
Chrysene (aq)	µg/l	<0.013	-		45	22	0.013	9.28	0.34008444	1.39410423	-	<0.013	<0.013	<0.013	1.43	0.22	0.188	<0.013	0.0217	<0.013	0.0159	<0.013	0.0782	<0.013	<0.013
Pyrene (aq)	µg/l	<0.015	-		45	27	0.015	13.7	0.46672667	2.04931712	-	<0.015	0.0165	<0.015	2.1	0.337	0.252	<0.015	0.0433	<0.015	0.0355	0.0239	0.117	0.0165	<0.015
Benzo(a)anthracene (aq)	µg/l	<0.017	-		45	17	0.017	8.32	0.30904889	1.25132919	-	<0.017	<0.017	<0.017	1.37	0.199	0.18	<0.017	0.0187	<0.017	<0.017	<0.017	0.0749	<0.017	<0.017
Benzo(b)fluoranthene (aq)	µg/l	<0.023	-		45	23	0.023	10.5	0.50633333	1.64039256	-	<0.023	<0.023	<0.023	3.21	0.454	0.375	<0.023	0.045	<0.023	0.0253	<0.023	0.198	<0.023	<0.023
Benzo(k)fluoranthene (aq)	µg/l	<0.027	-		45	21	0.027	9.99	0.37784667	1.49607921	-	<0.027	<0.027	<0.027	1.24	0.214	0.164	<0.027	<0.027	<0.027	0.0288	<0.027	0.0782	<0.027	<0.027
Benzo(a)pyrene (aq)	µg/l	<0.009	-		45	26	0.009	12	0.49503111	1.82955608	-	<0.009	<0.009	<0.009	2.58	0.379	0.246	<0.009	0.0249	<0.009	0.033	<0.009	0.136	0.0164	<0.009
Dibenzo(a,h)anthracene (aq)	µg/l	<0.016	-		45	14	0.016	2.6	0.10858667	0.38939034	-	<0.016	<0.016	<0.016	0.422	0.0676	0.0416	<0.016	<0.016	<0.016	<0.016	<0.016	0.0243	<0.016	<0.016
Benzo(g,h,i)perylene (aq)	µg/l	<0.016	-		45	23	0.016	8.91	0.38428889	1.35883557	-	<0.016	<0.016	<0.016	1.97	0.322	0.209	<0.016	0.0235	<0.016	0.0251	<0.016	0.132	<0.016	<0.016
Indeno(1,2,3-cd)pyrene (aq)	µg/l	<0.014	-		45	21	0.014	7.63	0.32377556	1.16620617	-	<0.014	<0.014	<0.014	1.66	0.257	0.13	<0.014	0.017	<0.014	0.0192	<0.014	0.0925	<0.014	<0.014
PCB's - (Solids)			-		0	0	0	0	-	-	-														
PCB congener 28	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-	<0.015			<0.015	<0.015		<0.015			<0.015	<0.015		<0.015	
PCB congener 52	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-	<0.015			<0.015	<0.015		<0.015			<0.015	<0.015		<0.015	
PCB congener 101	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-	<0.015			<0.015	<0.015		<0.015			<0.015	<0.015		<0.015	
PCB congener 118	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-	<0.015			<0.015	<0.015		<0.015			<0.015	<0.015		<0.015	
PCB congener 138	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-	<0.015			<0.015	<0.015		<0.015			<0.015	<0.015		<0.015	
PCB congener 153	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-	<0.015			<0.015	<0.015		<0.015			<0.015	<0.015		<0.015	
PCB congener 180	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-	<0.015			<0.015	<0.015		<0.015			<0.015	<0.015		<0.015	
Sum of detected EC7 PCB's	µg/l	<0.105	-		26	0	0.105	0.105	-	-	-	<0.105			<0.105	<0.105		<0.105			<0.105	<0.105		<0.105	
Semi-Volatile Organic Compounds			-		0	0	0	0	-	-	-														
1,2,4-Trichlorobenzene (aq)	µg/l	<1	68	c	32	0	1	1	-	-	0	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
1,2-Dichlorobenzene (aq)	µg/l	<1	2000	c	32	0	1	1	-	-	0	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
1,3-Dichlorobenzene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
1,4-Dichlorobenzene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
2,4,5-Trichlorophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
2,4,6-Trichlorophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
2,4-Dichlorophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
2,4-Dimethylphenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
2,4-Dinitrotoluene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
2,6-Dinitrotoluene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
2-Chloronaphthalene (aq)	µg/l	<1	160	c	32	0	1	1	-	-	0	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
2-Chlorophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
2-Methylnaphthalene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
2-Methylphenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
2-Nitroaniline (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
2-Nitrophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
3-Nitroaniline (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
4-Bromophenylphenylether (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
4-Chloro-3-methylphenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
4-Chloroaniline (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
4-Chlorophenylphenylether (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
4-Methylphenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
4-Nitroaniline (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
4-Nitrophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
Azobenzene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
Acenaphthylene (aq)	µg/l	<1	-		7	0	1	1	-	-	-				<1										
Acenaphthene (aq)	µg/l	<1	-		7	0	1	1	-	-	-				<1										
Anthracene (aq)	µg/l	<1	-		7	0	1	1	-	-	-				<1										
bis(2-Chloroethyl)ether (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
bis(2-Chloroethoxy)methane (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
bis(2-Ethylhexyl) phthalate (aq)	µg/l	<2	-		32	2	2	4.09	2.11125	0.44478882	-	<2	<2		<2	<2		<2	<2		<2	<2		<2	<2
Butylbenzyl phthalate (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
Benzo(a)anthracene (aq)	µg/l	<1	-		7	0	1	1	-	-	-				<1										
Benzo(b)fluoranthene (aq)	µg/l	<1	-		7	0	1	1	-	-	-				<1										
Benzo(k)fluoranthene (aq)	µg/l	<1	-		7	0	1	1	-	-	-				<1										
Benzo(a)pyrene (aq)	µg/l	<1	-		7	0	1	1	-	-	-				<1										
Benzo(g,h,i)perylene (aq)	µg/l	<1	-		7	0	1	1	-	-	-				<1										
Carbazole (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
Chrysene (aq)	µg/l	<1	-		7	0	1	1	-	-	-				<1										
Dibenzofuran (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
n-Dibutyl phthalate (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
Diethyl phthalate (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
Dibenzo(a,h)anthracene (aq)	µg/l	<1	-		7	0	1	1	-	-	-				<1										
Dimethyl phthalate (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
n-Dioctyl phthalate (aq)	µg/l	<5	-		32	0	5	5	-	-	-	<5	<5		<5	<5		<5	<5		<5	<5		<5	<5
Fluoranthene (aq)	µg/l	<1	-		7	0	1	1	-	-	-				<1										
Fluorene (aq)	µg/l	<1	-		7	0	1	1	-	-	-				<1										
Hexachlorobenzene (aq)	µg/l	<1	16	c	32	0	1	1	-	-	0	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
Hexachlorobutadiene (aq)	µg/l	<1	1.7	c	32	0	1	1	-	-	0	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
Pentachlorophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
Phenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
n-Nitroso-n-dipropylamine (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<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	CG BH01	CG BH01	CG BH01	CG BH03	CG BH03	CG BH03	CG BH07	CG BH 07	CG BH07	CG BH09	CG BH 09	CG BH09	CG BH10	CG BH 10
												01/05/2014	01/07/2014	01/01/2015	01/01/2014	01/05/2014	01/01/2015	01/05/2014	01/07/2014	01/01/2015	01/05/2014	01/07/2014	01/01/2015	01/05/2014	01/07/2014
Hexachloroethane (aq)	µg/l	<1	8.5	c	32	0	1	1	-	-	0	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
Nitrobenzene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
Naphthalene (aq)	µg/l	<1	-		7	0	1	1	-	-	-				<1										
Isophorone (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
Hexachlorocyclopentadiene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1		<1	<1		<1	<1		<1	<1
Phenanthrene (aq)	µg/l	<1	-		7	0	1	1	-	-	-				<1										
Indeno(1,2,3-cd)pyrene (aq)	µg/l	<1	-		7	0	1	1	-	-	-				<1										
Pyrene (aq)	µg/l	<1	-		7	0	1	1	-	-	-				<1										
Volatile Organic Compounds			-		0	0	0	0	-	-	-														
Dichlorodifluoromethane	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
Chloromethane	µg/l	<1	14	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
Vinyl chloride	µg/l	<1	0.62	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
Bromomethane	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
Chloroethane	µg/l	<1	10000	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
Trichlorofluoromethane	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
1,1-Dichloroethene	µg/l	<1	160	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
Carbon disulphide	µg/l	<1	56	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
Dichloromethane	µg/l	<3	3300	c	19	0	3	3	-	-	0	<3	<3		<3			<3	<3			<3			<3
Methyl tertiary butyl ether (MTBE)	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
trans-1,2-Dichloroethene	µg/l	<1	160	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
1,1-Dichloroethane	µg/l	<1	2700	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
cis-1,2-Dichloroethene	µg/l	<1	130	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
2,2-Dichloropropane	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
Bromochloromethane	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
Chloroform	µg/l	<1	790	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
1,1,1-Trichloroethane	µg/l	<1	3000	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
1,1-Dichloropropene	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
Carbontetrachloride	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
1,2-Dichloroethane	µg/l	<1	8.9	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
Benzene	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
Trichloroethene	µg/l	<1	5.7	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
1,2-Dichloropropane	µg/l	<1	22	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
Dibromomethane	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
Bromodichloromethane	µg/l	<1	17	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
cis-1,3-Dichloropropene	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
Toluene	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
trans-1,3-Dichloropropene	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
1,1,2-Trichloroethane	µg/l	<1	520	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
1,3-Dichloropropane	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
Tetrachloroethene	µg/l	<1	34	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
Dibromochloromethane	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
1,2-Dibromoethane	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
Chlorobenzene	µg/l	<1	98	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
1,1,1,2-Tetrachloroethane	µg/l	<1	240	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
Ethylbenzene	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
m,p-Xylene	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
o-Xylene	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
Styrene	µg/l	<1	8800	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
Bromoform	µg/l	<1	3100	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
Isopropylbenzene	µg/l	<1	850	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
1,1,2,2-Tetrachloroethane	µg/l	<1	1600	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
1,2,3-Trichloropropane	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
Bromobenzene	µg/l	<1	220	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
Propylbenzene	µg/l	<1	2700	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
2-Chlorotoluene	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
1,3,5-Trimethylbenzene	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
4-Chlorotoluene	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
tert-Butylbenzene	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
1,2,4-Trimethylbenzene	µg/l	<1	24	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
sec-Butylbenzene	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
4-iso-Propyltoluene	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
1,3-Dichlorobenzene	µg/l	<1	31	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
1,4-Dichlorobenzene	µg/l	<1	5000	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
n-Butylbenzene	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
1,2-Dichlorobenzene	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
1,2-Dibromo-3-chloropropane	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
1,2,4-Trichlorobenzene	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
Hexachlorobutadiene	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
tert-Amyl methyl ether (TAME)	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
Naphthalene	µg/l	<1	-		19	0	1	1	-	-	-	<1	<1		<1			<1	<1			<1			<1
1,2,3-Trichlorobenzene	µg/l	<1	35	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
1,3,5-Trichlorobenzene	µg/l	<1	7.4	c	19	0	1	1	-	-	0	<1	<1		<1			<1	<1			<1			<1
Combined Pesticides/ Herbicides			-		0	0	0	0	-	-	-														
Dichlorvos	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
Mevinphos	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	

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	CG BH01 01/05/2014	CG BH01 01/07/2014	CG BH01 01/01/2015	CG BH03 01/01/2014	CG BH03 01/05/2014	CG BH03 01/01/2015	CG BH07 01/05/2014	CG BH 07 01/07/2014	CG BH07 01/01/2015	CG BH09 01/05/2014	CG BH 09 01/07/2014	CG BH09 01/01/2015	CG BH10 01/05/2014	CG BH 10 01/07/2014
alpha-Hexachlorocyclohexane (HCH / Lindane)	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
Diazinon	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
gamma-Hexachlorocyclohexane (HCH / Lindan	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
Heptachlor	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
Aldrin	µg/l	<0.01	47	c	24	0	0.01	0.01	-	-	0	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
beta-Hexachlorocyclohexane (HCH / Lindane)	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
Methyl parathion	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
Malathion	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
Fenitrothion	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
Heptachlor epoxide	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
Parathion	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
o,p-DDE	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
Endosulphan I	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
p,p-DDE	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
Dieldrin	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
o,p-TDE (DDD)	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
Endrin	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
o,p-DDT	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
p,p-TDE (DDD)	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
Ethion	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
Endosulphan II	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
p,p-DDT	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
o,p-Methoxychlor	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
p,p-Methoxychlor	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
Endosulphan sulphate	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	
Azinphos-methyl	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01	<0.01		<0.01			<0.01	<0.01		<0.01	

Data Summary Statistics

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

u)
v)
w)
x)

Contaminant	Units	Method Detection Limit	Assess-ment Criteria (AC)	Source (see key)	Summary Statistics							CG BH10	CG BH11	CG BH 11	CG BH11	CG BH12	CG BH 12	CG BH12	CG BH13	CG BH 13	CG BH13	CG BH14	CG BH14	CG BH14	CG BH16
					Total Number of Samples	Results Above Detection Limit	Minimum	Maximum	Arithmetic Mean	Standard Deviation	Number of results >AC	01/01/2015	01/05/2014	01/07/2014	01/01/2015	01/05/2014	01/07/2014	01/01/2015	01/05/2014	01/07/2014	01/01/2015	01/05/2014	01/07/2014	01/01/2015	01/01/2014
Carbon			-		0	0	0	0	-	-	-														
Carbon, Organic (diss.filt)	mg/l	<3	-		36	32	3	73.7	17.4586111	18.4853994	-	32.1	16.5			47.8		40.9	29.6		25.5	43.6		39.3	7.28
Inorganics			-		0	0	0	0	-	-	-														
Ammoniacal Nitrogen as NH3	mg/l	<0.2	-		42	26	0.2	244	29.8475952	60.0213692	-	21.9	<0.2	<0.2		229	244	129	94.5	78.6	54.6	59.2	21.8	26.9	<0.2
Conductivity @ 20 deg. C	mS/cm	<0.005	-		13	13	0.479	3.37	1.50230769	0.90336338	-	2.4						2.46			2.64			3.37	
pH	pH Units	<1	-		25	25	7.08	8.1	7.5564	0.26817097	-	7.29	7.37				7.66	7.52			7.42	7.78		7.26	
Sulphate	mg/l	<2	-		13	13	28.3	277	133.515385	80.3082275	-	69.6						130			214			277	
Chloride	mg/l	<2	-		13	13	5.3	621	141.807692	171.053961	-	252						149			289			621	
BOD, unfiltered	mg/l	<1	-		13	5	1	2.73	1.53384615	0.71192858	-	2.24						2.73			2.35			2.34	
Alkalinity, Total as CaCO3	mg/l	<2	-		13	13	162	8980	1318.53846	2332.28856	-	1080						1060			940			810	
Total Oxidised Nitrogen as N	mg/l	<0.1	-		13	12	0.1	31.3	9.40053846	8.72236209	-	31.3						0.747			7.71			1.91	
Filtered (Dissolved) Metals			-		0	0	0	0	-	-	-														
Mercury (diss.filt)	µg/l	<0.01	-		45	5	0.01	0.0177	0.01032889	0.00128799	-	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	0.0111	0.0177	<0.01	0.0116	<0.01	<0.01
Calcium	mg/l	<0.012	-		13	13	86.7	352	190.515385	72.0447991	-	250						205			276			352	
Arsenic (diss.filt)	µg/l	<0.12	-		45	42	0.12	56.1	5.8606	11.5031322	-	4.03	3.81	3.32		55.6	<0.12	7.92	8.1	5.03	3.45	6.32	5.34	5.05	9.81
Sodium	mg/l	<0.076	-		13	13	5.91	398	117.246923	126.041523	-	329						122			196			398	
Barium (diss.filt)	µg/l	<0.03	-		45	43	0.03	754	193.519111	172.081367	-	609	280	289		418	<0.03	754	256	244	110	66	143	426	555
Magnesium	mg/l	<0.036	-		13	13	4.26	44.1	16.7830769	12.598692	-	20.1						32.5			29			44.1	
Beryllium (diss.filt)	µg/l	<0.07	-		45	11	0.07	3.77	0.28335556	0.76355274	-	<0.07	<0.07	<0.07		<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	3.77
Potassium	mg/l	<1	-		13	12	1	67	15.7846154	19.1405066	-	22.6						67			37.6			22.1	
Iron	mg/l	<0.019	-		13	6	0.019	74.3	6.60456923	20.4331369	-	<0.019						4.47			74.3			6	
Boron (diss.filt)	µg/l	<9.4	-		45	43	9.4	7900	998.315556	1709.83062	-	1660	34.1	51.8		2140	<9.4	1950	2220	1840	2880	2810	1640	2020	60.4
Cadmium (diss.filt)	µg/l	<0.1	-		45	18	0.1	2.22	0.29057778	0.50944491	-	<0.1	<0.1	0.115		<0.1	<0.1	<0.1	0.111	0.161	<0.1	0.353	0.49	<0.1	2.22
Chromium (diss.filt)	µg/l	<0.22	-		45	37	0.22	50.2	7.58655556	10.1196431	-	5.37	12.2	<0.22		28.4	<0.22	7.1	22.5	<0.22	5.01	23.6	<0.22	5.06	9.93
Copper (diss.filt)	µg/l	<0.85	-		45	38	0.85	68	8.74497778	13.8906076	-	8.9	2.41	4.13		2.56	<0.85	6.3	2.45	13.1	5.4	6.36	9.52	6	35.9
Lead (diss.filt)	µg/l	<0.02	-		45	32	0.02	283	9.79953333	42.4649403	-	0.02	0.06	0.255		<0.02	<0.02	<0.02	0.047	0.069	<0.02	0.023	0.315	0.075	46.4
Manganese	ug/l	<0.04	-		7	7	0.645	714	290.352286	314.630187	-	-						-			-			-	
Nickel (diss.filt)	µg/l	<0.15	-		45	43	0.15	90.2	24.2106667	27.0933771	-	32.5	21.1	22.3		36.2	<0.15	43	78.8	65.2	67	85.6	58.4	56.3	90.2
Selenium (diss.filt)	µg/l	<0.39	-		45	43	0.39	18.1	4.12795556	4.11625559	-	6.16	5.71	6.31		2.77	<0.39	5.25	4.51	7.03	6.86	14.4	12.5	12.4	0.977
Vanadium (diss.filt)	µg/l	<0.24	-		45	34	0.24	138	7.55073333	21.741759	-	1.4	3.8	0.451		7.3	<0.24	1.04	5.91	<0.24	<0.24	5.6	<0.24	0.657	51.2
Zinc (diss.filt)	µg/l	<0.41	-		45	43	0.41	469	20.6329111	70.4669526	-	5.82	2.2	2.86		5.28	<0.41	4.16	8.52	10.1	4.41	16.1	12.6	9.78	103
Unfiltered (Total) Metals			-		0	0	0	0	-	-	-														
Hardness, Total as CaCO3 unfiltered	mg/l	<0.35	-		6	6	335	1090	788	304.533085	-						1090								
Phenols			-		0	0	0	0	-	-	-														
Phenol	mg/l	<0.002	-		32	0	0.002	0.002	-	-	-		<0.002	<0.002		<0.002	<0.002		<0.002	<0.002		<0.002	<0.002		<0.002
Cresols	mg/l	<0.006	-		32	2	0.006	0.01	0.00625	0.00098374	-		<0.006	<0.006		<0.006	<0.006		<0.006	<0.006		<0.006	<0.006		<0.006
Xylenols	mg/l	<0.008	-		32	1	0.008	0.01	0.0080625	-	-		<0.008	<0.008		0.01	<0.008		<0.008	<0.008		<0.008	<0.008		<0.008
2,3,5-Trimethylphenol	mg/l	<0.003	-		32	0	0.003	0.003	-	-	-		<0.003	<0.003		<0.003	<0.003		<0.003	<0.003		<0.003	<0.003		<0.003
2-Isopropylphenol	mg/l	<0.006	-		32	0	0.006	0.006	-	-	-		<0.006	<0.006		<0.006	<0.006		<0.006	<0.006		<0.006	<0.006		<0.006
Phenols, Total Detected 5 speciated	mg/l	<0.025	-		32	0	0.025	0.025	-	-	-		<0.025	<0.025		<0.025	<0.025		<0.025	<0.025		<0.025	<0.025		<0.025
			-																						
TPH Criteria Working Group (TPH CWG)			-		0	0	0	0	-	-	-														
GRO >C5-C12	ug/l	<50	-		13	0	50	50	-	-	-	<50						<50			<50			<50	
Methyl tertiary butyl ether (MTBE)	µg/l	<3	83000	c	45	0	3	3	-	-	0	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Benzene	µg/l	<7	210	c	45	0	7	7	-	-	0	<7	<7	<7		<7	<7	<7	<7	<7	<7	<7	<7	<7	<7
Toluene	µg/l	<4	230000	c	45	0	4	4	-	-	0	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
Ethylbenzene	µg/l	<5	10000	c	45	0	5	5	-	-	0	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
m,p-Xylene	µg/l	<8	9500	c	45	0	8	8	-	-	0	<8	<8	<8		<8	<8	<8	<8	<8	<8	<8	<8	<8	<8
o-Xylene	µg/l	<3	12000	c	45	0	3	3	-	-	0	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Sum of detected Xylenes	µg/l	<11	-		45	0	11	11	-	-	-	<11	<11	<11		<11	<11	<11	<11	<11	<11	<11	<11	<11	<11
Sum of detected BTEX	ug/l	<28	-		13	0	28	28	-	-	-	<28						<28			<28			<28	
Aliphatics >C5-C6	µg/l	<10	1900	c	45	0	10	10	-	-	0	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aliphatics >C6-C8	µg/l	<10	1500	c	45	0	10	10	-	-	0	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aliphatics >C8-C10	µg/l	<10	57	c	45	0	10	10	-	-	0	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aliphatics >C10-C12	µg/l	<10	37	c	45	0	10	10	-	-	0	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aliphatics >C12-C16 (aq)	µg/l	<10	-		45	0	10	10	-	-	-	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aliphatics >C16-C21 (aq)	µg/l	<10	-		45	4	10	22	10.5111111	2.04074655	-	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	11	<10	22
Aliphatics >C21-C35 (aq)	µg/l	<10	-		45	7	10	326	22.3555556	53.477759	-	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	326
Aromatics >EC5-EC7	µg/l	<10	210000	c	45	0	10	10	-	-	0	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatics >EC7-EC8	µg/l	<10	220000	c	45	0	10	10	-	-	0	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatics >EC8-EC10	µg/l	<10	1900	c	45	0	10	10	-	-	0	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatics >EC10-EC12	µg/l	<10	6800	c	45	0	10	10	-	-	0	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatics >EC12-EC16 (aq)	µg/l	<10	39000	c	45	0	10	10	-	-	0	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatics >EC16-EC21 (aq)	µg/l	<10	-		45	1	10	71	11.3555556	-	-	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Aromatics >EC21-EC35 (aq)	µg/l	<10	-		45	9	10	359	23.1333333	55.2846354	-	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	143
Polyaromatic Hydrocarbons (PAHs)			-		0	0	0	0	-	-	-														
Naphthalene (aq)	µg/l	<0.1	220	c	45	0	0.1	0.5	-	-	0	<0.1	<0.1	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (aq)	µg/l	<0.015	170000	c	45	6	0.015	0.359	0.03091778	0.05877137	0	<0.015	<0.015	<0.015		0.196	0.101	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Acenaphthylene (aq)	µg/l	<0.011	220000	c	45	11	0.011	0.259	0.02012444	0.03849449	0	<0.011	<0.011	<0.011		0.0112	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	0.0207

Contaminant	Units	Method Detection Limit	Assess-ment Criteria (AC)	Source (see key)	Summary Statistics							CG BH10	CG BH11	CG BH 11	CG BH11	CG BH12	CG BH 12	CG BH12	CG BH13	CG BH 13	CG BH13	CG BH14	CG BH14	CG BH14	CG BH16
					Total Number of Samples	Results Above Detection Limit	Minimum	Maximum	Arithmetic Mean	Standard Deviation	Number of results >AC	01/01/2015	01/05/2014	01/07/2014	01/01/2015	01/05/2014	01/07/2014	01/01/2015	01/05/2014	01/07/2014	01/01/2015	01/05/2014	01/07/2014	01/01/2015	01/01/2014
Fluoranthene (aq)	µg/l	<0.017	-		45	23	0.017	14.1	0.47594667	2.10989594	-	<0.017	<0.017	<0.017		<0.017	<0.017	<0.017	<0.017	0.0384	<0.017	<0.017	<0.017	<0.017	0.505
Anthracene (aq)	µg/l	<0.015	-		45	12	0.015	1.42	0.05640889	0.21069679	-	<0.015	<0.015	<0.015		0.0225	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	0.0426
Phenanthrene (aq)	µg/l	<0.022	-		45	15	0.022	4.52	0.15919556	0.67314612	-	<0.022	<0.022	<0.022		<0.022	<0.022	<0.022	<0.022	0.0295	<0.022	<0.022	<0.022	<0.022	0.147
Fluorene (aq)	µg/l	<0.014	210000	c	45	8	0.014	0.312	0.03286889	0.06096666	0	<0.014	<0.014	<0.014		0.267	0.154	0.0661	<0.014	<0.014	<0.014	<0.014	<0.014	<0.014	<0.014
Chrysene (aq)	µg/l	<0.013	-		45	22	0.013	9.28	0.34008444	1.39410423	-	<0.013	<0.013	<0.013		<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	0.398
Pyrene (aq)	µg/l	<0.015	-		45	27	0.015	13.7	0.46672667	2.04931712	-	<0.015	<0.015	<0.015		<0.015	<0.015	<0.015	<0.015	0.0737	0.0205	<0.015	<0.015	<0.015	0.512
Benzo(a)anthracene (aq)	µg/l	<0.017	-		45	17	0.017	8.32	0.30904889	1.25132919	-	<0.017	<0.017	<0.017		<0.017	<0.017	<0.017	<0.017	0.0223	<0.017	<0.017	<0.017	<0.017	0.344
Benzo(b)fluoranthene (aq)	µg/l	<0.023	-		45	23	0.023	10.5	0.50633333	1.64039256	-	<0.023	<0.023	<0.023		<0.023	<0.023	<0.023	<0.023	0.038	<0.023	<0.023	<0.023	<0.023	1.32
Benzo(k)fluoranthene (aq)	µg/l	<0.027	-		45	21	0.027	9.99	0.37784667	1.49607921	-	<0.027	<0.027	<0.027		<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	<0.027	0.593
Benzo(a)pyrene (aq)	µg/l	<0.009	-		45	26	0.009	12	0.49503111	1.82955608	-	0.0124	<0.009	<0.009		<0.009	<0.009	<0.009	<0.009	0.0219	<0.009	<0.009	<0.009	<0.009	1.01
Dibenzo(a,h)anthracene (aq)	µg/l	<0.016	-		45	14	0.016	2.6	0.10858667	0.38939034	-	<0.016	<0.016	<0.016		<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	0.184
Benzo(g,h,i)perylene (aq)	µg/l	<0.016	-		45	23	0.016	8.91	0.38428889	1.35883557	-	<0.016	<0.016	<0.016		<0.016	<0.016	<0.016	<0.016	0.0235	<0.016	<0.016	<0.016	<0.016	0.874
Indeno(1,2,3-cd)pyrene (aq)	µg/l	<0.014	-		45	21	0.014	7.63	0.32377556	1.16620617	-	<0.014	<0.014	<0.014		<0.014	<0.014	<0.014	<0.014	0.0158	<0.014	<0.014	<0.014	<0.014	0.722
PCB's - (Solids)			-		0	0	0	0	-	-	-														
PCB congener 28	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-		<0.015			<0.015	<0.015		<0.015			<0.015			<0.015
PCB congener 52	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-		<0.015			<0.015	<0.015		<0.015			<0.015			<0.015
PCB congener 101	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-		<0.015			<0.015	<0.015		<0.015			<0.015			<0.015
PCB congener 118	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-		<0.015			<0.015	<0.015		<0.015			<0.015			<0.015
PCB congener 138	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-		<0.015			<0.015	<0.015		<0.015			<0.015			<0.015
PCB congener 153	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-		<0.015			<0.015	<0.015		<0.015			<0.015			<0.015
PCB congener 180	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-		<0.015			<0.015	<0.015		<0.015			<0.015			<0.015
Sum of detected EC7 PCB's	µg/l	<0.105	-		26	0	0.105	0.105	-	-	-		<0.105			<0.105	<0.105		<0.105			<0.105			<0.105
Semi-Volatile Organic Compounds			-		0	0	0	0	-	-	-														
1,2,4-Trichlorobenzene (aq)	µg/l	<1	68	c	32	0	1	1	-	-	0		<1	<1		<1	<1		<1	<1		<1	<1		<1
1,2-Dichlorobenzene (aq)	µg/l	<1	2000	c	32	0	1	1	-	-	0		<1	<1		<1	<1		<1	<1		<1	<1		<1
1,3-Dichlorobenzene (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
1,4-Dichlorobenzene (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
2,4,5-Trichlorophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
2,4,6-Trichlorophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
2,4-Dichlorophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
2,4-Dimethylphenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
2,4-Dinitrotoluene (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
2,6-Dinitrotoluene (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
2-Chloronaphthalene (aq)	µg/l	<1	160	c	32	0	1	1	-	-	0		<1	<1		<1	<1		<1	<1		<1	<1		<1
2-Chlorophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
2-Methylnaphthalene (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
2-Methylphenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
2-Nitroaniline (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
2-Nitrophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
3-Nitroaniline (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
4-Bromophenylphenylether (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
4-Chloro-3-methylphenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
4-Chloroaniline (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
4-Chlorophenylphenylether (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
4-Methylphenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
4-Nitroaniline (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
4-Nitrophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
Azobenzene (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
Acenaphthylene (aq)	µg/l	<1	-		7	0	1	1	-	-	-														<1
Acenaphthene (aq)	µg/l	<1	-		7	0	1	1	-	-	-														<1
Anthracene (aq)	µg/l	<1	-		7	0	1	1	-	-	-														<1
bis(2-Chloroethyl)ether (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
bis(2-Chloroethoxy)methane (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
bis(2-Ethylhexyl) phthalate (aq)	µg/l	<2	-		32	2	2	4.09	2.11125	0.44478882	-		<2	<2		<2	<2		<2	<2		<2	<2		<2
Butylbenzyl phthalate (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
Benzo(a)anthracene (aq)	µg/l	<1	-		7	0	1	1	-	-	-														<1
Benzo(b)fluoranthene (aq)	µg/l	<1	-		7	0	1	1	-	-	-														<1
Benzo(k)fluoranthene (aq)	µg/l	<1	-		7	0	1	1	-	-	-														<1
Benzo(a)pyrene (aq)	µg/l	<1	-		7	0	1	1	-	-	-														<1
Benzo(g,h,i)perylene (aq)	µg/l	<1	-		7	0	1	1	-	-	-														<1
Carbazole (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
Chrysene (aq)	µg/l	<1	-		7	0	1	1	-	-	-														<1
Dibenzofuran (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
n-Dibutyl phthalate (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
Diethyl phthalate (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
Dibenzo(a,h)anthracene (aq)	µg/l	<1	-		7	0	1	1	-	-	-														<1
Dimethyl phthalate (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
n-Dioctyl phthalate (aq)	µg/l	<5	-		32	0	5	5	-	-	-		<5	<5		<5	<5		<5	<5		<5	<5		<5
Fluoranthene (aq)	µg/l	<1	-		7	0	1	1	-	-	-														<1
Fluorene (aq)	µg/l	<1	-		7	0	1	1	-	-	-														<1
Hexachlorobenzene (aq)	µg/l	<1	16	c	32	0	1	1	-	-	0		<1	<1		<1	<1		<1	<1		<1	<1		<1
Hexachlorobutadiene (aq)	µg/l	<1	1.7	c	32	0	1	1	-	-	0		<1	<1		<1	<1		<1	<1		<1	<1		<1
Pentachlorophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
Phenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
n-Nitroso-n-dipropylamine (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1

Contaminant	Units	Method Detection Limit	Assess-ment Criteria (AC)	Source (see key)	Summary Statistics							CG BH10	CG BH11	CG BH 11	CG BH11	CG BH12	CG BH 12	CG BH12	CG BH13	CG BH 13	CG BH13	CG BH14	CG BH14	CG BH14	CG BH16
					Total Number of Samples	Results Above Detection Limit	Minimum	Maximum	Arithmetic Mean	Standard Deviation	Number of results >AC	01/01/2015	01/05/2014	01/07/2014	01/01/2015	01/05/2014	01/07/2014	01/01/2015	01/05/2014	01/07/2014	01/01/2015	01/05/2014	01/07/2014	01/01/2015	01/01/2014
Hexachloroethane (aq)	µg/l	<1	8.5	c	32	0	1	1	-	-	0		<1	<1		<1	<1		<1	<1		<1	<1		<1
Nitrobenzene (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
Naphthalene (aq)	µg/l	<1	-		7	0	1	1	-	-	-														<1
Isophorone (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
Hexachlorocyclopentadiene (aq)	µg/l	<1	-		32	0	1	1	-	-	-		<1	<1		<1	<1		<1	<1		<1	<1		<1
Phenanthrene (aq)	µg/l	<1	-		7	0	1	1	-	-	-														<1
Indeno(1,2,3-cd)pyrene (aq)	µg/l	<1	-		7	0	1	1	-	-	-														<1
Pyrene (aq)	µg/l	<1	-		7	0	1	1	-	-	-														<1
Volatile Organic Compounds			-		0	0	0	0	-	-	-														
Dichlorodifluoromethane	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
Chloromethane	µg/l	<1	14	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
Vinyl chloride	µg/l	<1	0.62	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
Bromomethane	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
Chloroethane	µg/l	<1	10000	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
Trichlorofluoromethane	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
1,1-Dichloroethene	µg/l	<1	160	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
Carbon disulphide	µg/l	<1	56	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
Dichloromethane	µg/l	<3	3300	c	19	0	3	3	-	-	0			<3			<3			<3			<3		<3
Methyl tertiary butyl ether (MTBE)	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
trans-1,2-Dichloroethene	µg/l	<1	160	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
1,1-Dichloroethane	µg/l	<1	2700	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
cis-1,2-Dichloroethene	µg/l	<1	130	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
2,2-Dichloropropane	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
Bromochloromethane	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
Chloroform	µg/l	<1	790	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
1,1,1-Trichloroethane	µg/l	<1	3000	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
1,1-Dichloropropene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
Carbontetrachloride	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
1,2-Dichloroethane	µg/l	<1	8.9	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
Benzene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
Trichloroethene	µg/l	<1	5.7	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
1,2-Dichloropropane	µg/l	<1	22	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
Dibromomethane	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
Bromodichloromethane	µg/l	<1	17	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
cis-1,3-Dichloropropene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
Toluene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
trans-1,3-Dichloropropene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
1,1,2-Trichloroethane	µg/l	<1	520	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
1,3-Dichloropropane	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
Tetrachloroethene	µg/l	<1	34	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
Dibromochloromethane	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
1,2-Dibromoethane	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
Chlorobenzene	µg/l	<1	98	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
1,1,1,2-Tetrachloroethane	µg/l	<1	240	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
Ethylbenzene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
m,p-Xylene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
o-Xylene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
Styrene	µg/l	<1	8800	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
Bromoform	µg/l	<1	3100	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
Isopropylbenzene	µg/l	<1	850	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
1,1,2,2-Tetrachloroethane	µg/l	<1	1600	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
1,2,3-Trichloropropane	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
Bromobenzene	µg/l	<1	220	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
Propylbenzene	µg/l	<1	2700	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
2-Chlorotoluene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
1,3,5-Trimethylbenzene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
4-Chlorotoluene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
tert-Butylbenzene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
1,2,4-Trimethylbenzene	µg/l	<1	24	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
sec-Butylbenzene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
4-iso-Propyltoluene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
1,3-Dichlorobenzene	µg/l	<1	31	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
1,4-Dichlorobenzene	µg/l	<1	5000	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
n-Butylbenzene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
1,2-Dichlorobenzene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
1,2-Dibromo-3-chloropropane	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
1,2,4-Trichlorobenzene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
Hexachlorobutadiene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
tert-Amyl methyl ether (TAME)	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
Naphthalene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		<1
1,2,3-Trichlorobenzene	µg/l	<1	35	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
1,3,5-Trichlorobenzene	µg/l	<1	7.4	c	19	0	1	1	-	-	0			<1			<1			<1			<1		<1
Combined Pesticides/ Herbicides			-		0	0	0	0	-	-	-														
Dichlorvos	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
Mevinphos	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01

Contaminant	Units	Method Detection Limit	Assess-ment Criteria (AC)	Source (see key)	Summary Statistics							CG BH10	CG BH11	CG BH 11	CG BH11	CG BH12	CG BH 12	CG BH12	CG BH13	CG BH 13	CG BH13	CG BH14	CG BH14	CG BH14	CG BH16
					Total Number of Samples	Results Above Detection Limit	Minimum	Maximum	Arithmetic Mean	Standard Deviation	Number of results >AC	01/01/2015	01/05/2014	01/07/2014	01/01/2015	01/05/2014	01/07/2014	01/01/2015	01/05/2014	01/07/2014	01/01/2015	01/05/2014	01/07/2014	01/01/2015	01/01/2014
alpha-Hexachlorocyclohexane (HCH / Lindane)	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
Diazinon	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
gamma-Hexachlorocyclohexane (HCH / Lindan	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
Heptachlor	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
Aldrin	µg/l	<0.01	47	c	24	0	0.01	0.01	-	-	0		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
beta-Hexachlorocyclohexane (HCH / Lindane)	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
Methyl parathion	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
Malathion	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
Fenitrothion	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
Heptachlor epoxide	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
Parathion	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
o,p-DDE	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
Endosulphan I	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
p,p-DDE	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
Dieldrin	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
o,p-TDE (DDD)	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
Endrin	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
o,p-DDT	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
p,p-TDE (DDD)	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
Ethion	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
Endosulphan II	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
p,p-DDT	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
o,p-Methoxychlor	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
p,p-Methoxychlor	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
Endosulphan sulphate	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01
Azinphos-methyl	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-		<0.01			<0.01	<0.01		<0.01			<0.01			<0.01

Data Summary Statistics

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

Contaminant	Units	Method Detection Limit	Assess-ment Criteria (AC)	Source (see key)	Summary Statistics							CG BH16	CG BH16	CG BH18	CG BH18	CG BH18	CG BH19	CG BH19	CG BH19	CG BH20	CG BH20	CG BH20	CG BH21	CG BH21	CG BH21
					Total Number of Samples	Results Above Detection Limit	Minimum	Maximum	Arithmetic Mean	Standard Deviation	Number of results >AC	01/05/2014	01/01/2015	01/01/2014	01/05/2014	01/01/2015	01/01/2014	01/05/2014	01/01/2015	01/01/2014	01/05/2014	01/01/2015	01/01/2014	01/05/2014	01/01/2015
Carbon			-		0	0	0	0	-	-	-														
Carbon, Organic (diss.filt)	mg/l	<3	-		36	32	3	73.7	17.4586111	18.4853994	-	11.6		8.33	8.09	3.34	7.54	3.74	3.26	20.2	22.7	15.5	73.7	68.9	
Inorganics			-		0	0	0	0	-	-	-														
Ammoniacal Nitrogen as NH3	mg/l	<0.2	-		42	26	0.2	244	29.8475952	60.0213692	-	<0.2		0.257	2.19	3.99	<0.2	<0.2	<0.2	0.247	0.974	<0.2	127	130	
Conductivity @ 20 deg. C	mS/cm	<0.005	-		13	13	0.479	3.37	1.50230769	0.90336338	-					1.1			0.479			1.31			
pH	pH Units	<1	-		25	25	7.08	8.1	7.5564	0.26817097	-					7.08		8.1	7.54		7.65	8.05	7.26	7.75	
Sulphate	mg/l	<2	-		13	13	28.3	277	133.515385	80.3082275	-					235			28.3			209			
Chloride	mg/l	<2	-		13	13	5.3	621	141.807692	171.053961	-					12			5.3			40.6			
BOD, unfiltered	mg/l	<1	-		13	5	1	2.73	1.53384615	0.71192858	-					<1			<1			2.28			
Alkalinity, Total as CaCO3	mg/l	<2	-		13	13	162	8980	1318.53846	2332.28856	-					8980			162			1060			
Total Oxidised Nitrogen as N	mg/l	<0.1	-		13	12	0.1	31.3	9.40053846	8.72236209	-					1.54			14.7			<0.1			
Filtered (Dissolved) Metals			-		0	0	0	0	-	-	-														
Mercury (diss.filt)	µg/l	<0.01	-		45	5	0.01	0.0177	0.01032889	0.00128799	-	0.0138		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Calcium	mg/l	<0.012	-		13	13	86.7	352	190.515385	72.0447991	-					232			86.7			126			
Arsenic (diss.filt)	µg/l	<0.12	-		45	42	0.12	56.1	5.8606	11.5031322	-	2.05		8.63	1.46	0.914	1.61	0.419	1.9	3.45	2.21	1.67	10.5	8.1	
Sodium	mg/l	<0.076	-		13	13	5.91	398	117.246923	126.041523	-					18.9			5.91			158			
Barium (diss.filt)	µg/l	<0.03	-		45	43	0.03	754	193.519111	172.081367	-	165		144	88.3	43.5	128	81.6	85.7	141	137	79.4	359	302	
Magnesium	mg/l	<0.036	-		13	13	4.26	44.1	16.7830769	12.598692	-					18			4.61			24.2			
Beryllium (diss.filt)	µg/l	<0.07	-		45	11	0.07	3.77	0.28335556	0.76355274	-	<0.07		0.683	<0.07	<0.07	0.287	<0.07	0.226	0.152	<0.07	<0.07	0.505	<0.07	
Potassium	mg/l	<1	-		13	12	1	67	15.7846154	19.1405066	-					17.3			1.49			18.4			
Iron	mg/l	<0.019	-		13	6	0.019	74.3	6.60456923	20.4331369	-					<0.019			<0.019			0.033			
Boron (diss.filt)	µg/l	<9.4	-		45	43	9.4	7900	998.315556	1709.83062	-	154		93.2	165	256	50.6	73.4	58.7	1080	2340	1590	7550	7900	
Cadmium (diss.filt)	µg/l	<0.1	-		45	18	0.1	2.22	0.29057778	0.50944491	-	<0.1		0.416	0.185	<0.1	0.101	<0.1	<0.1	0.236	<0.1	<0.1	1.09	2.16	
Chromium (diss.filt)	µg/l	<0.22	-		45	37	0.22	50.2	7.58655556	10.1196431	-	11.4		5.3	9.95	1.36	3.14	4.18	2.98	4.51	10.7	2.03	16.8	33.9	
Copper (diss.filt)	µg/l	<0.85	-		45	38	0.85	68	8.74497778	13.8906076	-	2.68		10.9	2.55	1.03	6.03	1.54	7.41	17.5	5.47	10.6	59.5	68	
Lead (diss.filt)	µg/l	<0.02	-		45	32	0.02	283	9.79953333	42.4649403	-	<0.02		13.8	0.021	<0.02	9.88	0.035	12.8	13.8	0.05	<0.02	19.6	0.064	
Manganese	ug/l	<0.04	-		7	7	0.645	714	290.352286	314.630187	-					714			185			0.87			
Nickel (diss.filt)	µg/l	<0.15	-		45	43	0.15	90.2	24.2106667	27.0933771	-	5.65		10.7	8.81	6.03	5.85	2.56	5.31	14.5	11.4	7.7	68.4	69.7	
Selenium (diss.filt)	µg/l	<0.39	-		45	43	0.39	18.1	4.12795556	4.11625559	-	1.11		1.67	0.532	1.12	2.5	0.527	0.489	2.24	2.65	3.32	10.5	10.3	
Vanadium (diss.filt)	µg/l	<0.24	-		45	34	0.24	138	7.55073333	21.741759	-	3.75		9.75	2.88	<0.24	7.38	1.51	5.37	3.65	3.08	1.5	29.8	12.6	
Zinc (diss.filt)	µg/l	<0.41	-		45	43	0.41	469	20.6329111	70.4669526	-	2.35		21.3	2.15	0.853	16.3	1.01	15.1	23.4	8.38	1.63	37.9	15.5	
Unfiltered (Total) Metals			-		0	0	0	0	-	-	-														
Hardness, Total as CaCO3 unfiltered	mg/l	<0.35	-		6	6	335	1090	788	304.533085	-			834									963		
Phenols			-		0	0	0	0	-	-	-														
Phenol	mg/l	<0.002	-		32	0	0.002	0.002	-	-	-	<0.002		<0.002	<0.002		<0.002	<0.002		<0.002	<0.002		<0.002	<0.002	
Cresols	mg/l	<0.006	-		32	2	0.006	0.01	0.00625	0.00098374	-	<0.006		<0.006	<0.006		<0.006	<0.006		0.01	<0.006		<0.006	<0.006	
Xylenols	mg/l	<0.008	-		32	1	0.008	0.01	0.0080625	-	-	<0.008		<0.008	<0.008		<0.008	<0.008		<0.008	<0.008		<0.008	<0.008	
2,3,5-Trimethylphenol	mg/l	<0.003	-		32	0	0.003	0.003	-	-	-	<0.003		<0.003	<0.003		<0.003	<0.003		<0.003	<0.003		<0.003	<0.003	
2-Isopropylphenol	mg/l	<0.006	-		32	0	0.006	0.006	-	-	-	<0.006		<0.006	<0.006		<0.006	<0.006		<0.006	<0.006		<0.006	<0.006	
Phenols, Total Detected 5 speciated	mg/l	<0.025	-		32	0	0.025	0.025	-	-	-	<0.025		<0.025	<0.025		<0.025	<0.025		<0.025	<0.025		<0.025	<0.025	
			-																						
TPH Criteria Working Group (TPH CWG)			-		0	0	0	0	-	-	-														
GRO >C5-C12	ug/l	<50	-		13	0	50	50	-	-	-					<50			<50			<50			
Methyl tertiary butyl ether (MTBE)	µg/l	<3	83000	c	45	0	3	3	-	-	0	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	
Benzene	µg/l	<7	210	c	45	0	7	7	-	-	0	<7		<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	
Toluene	µg/l	<4	230000	c	45	0	4	4	-	-	0	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	
Ethylbenzene	µg/l	<5	10000	c	45	0	5	5	-	-	0	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	
m,p-Xylene	µg/l	<8	9500	c	45	0	8	8	-	-	0	<8		<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	<8	
o-Xylene	µg/l	<3	12000	c	45	0	3	3	-	-	0	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	
Sum of detected Xylenes	µg/l	<11	-		45	0	11	11	-	-	-	<11		<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	
Sum of detected BTEX	ug/l	<28	-		13	0	28	28	-	-	-					<28			<28			<28			
Aliphatics >C5-C6	µg/l	<10	1900	c	45	0	10	10	-	-	0	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
Aliphatics >C6-C8	µg/l	<10	1500	c	45	0	10	10	-	-	0	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
Aliphatics >C8-C10	µg/l	<10	57	c	45	0	10	10	-	-	0	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
Aliphatics >C10-C12	µg/l	<10	37	c	45	0	10	10	-	-	0	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
Aliphatics >C12-C16 (aq)	µg/l	<10	-		45	0	10	10	-	-	-	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
Aliphatics >C16-C21 (aq)	µg/l	<10	-		45	4	10	22	10.5111111	2.04074655	-	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
Aliphatics >C21-C35 (aq)	µg/l	<10	-		45	7	10	326	22.3555556	53.477759	-	<10		<10	<10	15	28	<10	<10	<10	<10	11	<10	<10	
Aromatics >EC5-EC7	µg/l	<10	210000	c	45	0	10	10	-	-	0	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
Aromatics >EC7-EC8	µg/l	<10	220000	c	45	0	10	10	-	-	0	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
Aromatics >EC8-EC10	µg/l	<10	1900	c	45	0	10	10	-	-	0	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
Aromatics >EC10-EC12	µg/l	<10	6800	c	45	0	10	10	-	-	0	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
Aromatics >EC12-EC16 (aq)	µg/l	<10	39000	c	45	0	10	10	-	-	0	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
Aromatics >EC16-EC21 (aq)	µg/l	<10	-		45	1	10	71	11.3555556	-	-	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
Aromatics >EC21-EC35 (aq)	µg/l	<10	-		45	9	10	359	23.1333333	55.2846354	-	<10		<10	<10	<10	<10	<10	<10	<10	<10	18	<10	<10	
Polyaromatic Hydrocarbons (PAHs)			-		0	0	0	0	-	-	-														
Naphthalene (aq)	µg/l	<0.1	220	c	45	0	0.1	0.5	-	-	0	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.1	
Acenaphthene (aq)	µg/l	<0.015	170000	c	45	6	0.015	0.359	0.03091778	0.05877137	0	<0.015		<0.015	0.0224	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.075	<0.015	
Acenaphthylene (aq)	µg/l	<0.011	220000	c	45	11	0.011	0.259	0.02012444	0.03849449	0	<0.011		0.0112	<0.011	0.0134	0.0172	<0.011	<0.011	<0.011	<0.011	0.018	<0.055	<0.011	

Contaminant	Units	Method Detection Limit	Assess-ment Criteria (AC)	Source (see key)	Summary Statistics							CG BH16	CG BH16	CG BH18	CG BH18	CG BH18	CG BH19	CG BH19	CG BH19	CG BH20	CG BH20	CG BH20	CG BH21	CG BH21	CG BH21
					Total Number of Samples	Results Above Detection Limit	Minimum	Maximum	Arithmetic Mean	Standard Deviation	Number of results >AC	01/05/2014	01/01/2015	01/01/2014	01/05/2014	01/01/2015	01/01/2014	01/05/2014	01/01/2015	01/01/2014	01/05/2014	01/01/2015	01/01/2014	01/05/2014	01/01/2015
Fluoranthene (aq)	µg/l	<0.017	-		45	23	0.017	14.1	0.47594667	2.10989594	-	0.029		0.0702	0.717	0.203	0.521	0.0249	0.0299	0.145	<0.017	0.41	0.16	0.0394	
Anthracene (aq)	µg/l	<0.015	-		45	12	0.015	1.42	0.05640889	0.21069679	-	<0.015		0.0177	0.0559	0.0201	0.0368	<0.015	<0.015	<0.015	<0.015	0.0223	<0.075	<0.015	
Phenanthrene (aq)	µg/l	<0.022	-		45	15	0.022	4.52	0.15919556	0.67314612	-	<0.022		0.0243	0.18	0.0685	0.158	<0.022	<0.022	0.0414	<0.022	0.116	<0.11	<0.022	
Fluorene (aq)	µg/l	<0.014	210000	c	45	8	0.014	0.312	0.03286889	0.06096666	0	<0.014		<0.014	<0.014	0.0159	<0.014	<0.014	<0.014	<0.014	<0.014	<0.014	<0.07	<0.014	
Chrysene (aq)	µg/l	<0.013	-		45	22	0.013	9.28	0.34008444	1.39410423	-	0.0229		0.0491	1.12	0.205	0.421	0.023	0.0249	0.113	<0.013	0.35	0.0849	0.0298	
Pyrene (aq)	µg/l	<0.015	-		45	27	0.015	13.7	0.46672667	2.04931712	-	0.0337		0.0818	0.686	0.207	0.548	0.0282	0.0318	0.15	<0.015	0.398	0.147	0.0379	
Benzo(a)anthracene (aq)	µg/l	<0.017	-		45	17	0.017	8.32	0.30904889	1.25132919	-	<0.017		0.0556	1.08	0.191	0.359	<0.017	<0.017	0.0845	<0.017	0.291	<0.085	0.0179	
Benzo(b)fluoranthene (aq)	µg/l	<0.023	-		45	23	0.023	10.5	0.50633333	1.64039256	-	0.0313		0.12	2.04	0.56	1.05	0.0269	0.0479	0.142	<0.023	0.654	0.115	0.0274	
Benzo(k)fluoranthene (aq)	µg/l	<0.027	-		45	21	0.027	9.99	0.37784667	1.49607921	-	0.0339		0.0457	0.85	0.265	0.989	0.0316	0.027	0.117	0.027	0.308	0.135	0.0372	
Benzo(a)pyrene (aq)	µg/l	<0.009	-		45	26	0.009	12	0.49503111	1.82955608	-	0.0368		0.0864	1.74	0.381	1.18	0.0335	0.0285	0.134	0.0117	0.497	0.105	0.0316	
Dibenzo(a,h)anthracene (aq)	µg/l	<0.016	-		45	14	0.016	2.6	0.10858667	0.38939034	-	<0.016		0.0169	0.27	0.0681	0.251	<0.016	<0.016	0.0304	<0.016	0.0866	<0.08	<0.016	
Benzo(g,h,i)perylene (aq)	µg/l	<0.016	-		45	23	0.016	8.91	0.38428889	1.35883557	-	0.0304		0.0824	1.22	0.34	1.01	0.0291	0.0291	0.138	<0.016	0.414	0.0828	0.0212	
Indeno(1,2,3-cd)pyrene (aq)	µg/l	<0.014	-		45	21	0.014	7.63	0.32377556	1.16620617	-	0.0226		0.0636	1.19	0.221	0.829	0.0216	<0.014	0.103	<0.014	0.24	0.07	0.0176	
PCB's - (Solids)			-		0	0	0	0	-	-	-														
PCB congener 28	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-	<0.015		<0.015	<0.015		<0.015	<0.015		<0.015	<0.015		<0.015	<0.015	
PCB congener 52	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-	<0.015		<0.015	<0.015		<0.015	<0.015		<0.015	<0.015		<0.015	<0.015	
PCB congener 101	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-	<0.015		<0.015	<0.015		<0.015	<0.015		<0.015	<0.015		<0.015	<0.015	
PCB congener 118	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-	<0.015		<0.015	<0.015		<0.015	<0.015		<0.015	<0.015		<0.015	<0.015	
PCB congener 138	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-	<0.015		<0.015	<0.015		<0.015	<0.015		<0.015	<0.015		<0.015	<0.015	
PCB congener 153	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-	<0.015		<0.015	<0.015		<0.015	<0.015		<0.015	<0.015		<0.015	<0.015	
PCB congener 180	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-	<0.015		<0.015	<0.015		<0.015	<0.015		<0.015	<0.015		<0.015	<0.015	
Sum of detected EC7 PCB's	µg/l	<0.105	-		26	0	0.105	0.105	-	-	-	<0.105		<0.105	<0.105		<0.105	<0.105		<0.105	<0.105		<0.105	<0.105	
Semi-Volatile Organic Compounds			-		0	0	0	0	-	-	-														
1,2,4-Trichlorobenzene (aq)	µg/l	<1	68	c	32	0	1	1	-	-	0	<1		<1	<1		<1	<1		<1	<1		<1	<1	
1,2-Dichlorobenzene (aq)	µg/l	<1	2000	c	32	0	1	1	-	-	0	<1		<1	<1		<1	<1		<1	<1		<1	<1	
1,3-Dichlorobenzene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
1,4-Dichlorobenzene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
2,4,5-Trichlorophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
2,4,6-Trichlorophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
2,4-Dichlorophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
2,4-Dimethylphenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
2,4-Dinitrotoluene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
2,6-Dinitrotoluene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
2-Chloronaphthalene (aq)	µg/l	<1	160	c	32	0	1	1	-	-	0	<1		<1	<1		<1	<1		<1	<1		<1	<1	
2-Chlorophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
2-Methylnaphthalene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
2-Methylphenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
2-Nitroaniline (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
2-Nitrophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
3-Nitroaniline (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
4-Bromophenylphenylether (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
4-Chloro-3-methylphenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
4-Chloroaniline (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
4-Chlorophenylphenylether (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
4-Methylphenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
4-Nitroaniline (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
4-Nitrophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
Azobenzene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
Acenaphthylene (aq)	µg/l	<1	-		7	0	1	1	-	-	-			<1			<1			<1			<1		
Acenaphthene (aq)	µg/l	<1	-		7	0	1	1	-	-	-			<1			<1			<1			<1		
Anthracene (aq)	µg/l	<1	-		7	0	1	1	-	-	-			<1			<1			<1			<1		
bis(2-Chloroethyl)ether (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
bis(2-Chloroethoxy)methane (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
bis(2-Ethylhexyl) phthalate (aq)	µg/l	<2	-		32	2	2	4.09	2.11125	0.44478882	-	<2		<2	4.09		<2	<2		<2	<2		<2	3.47	
Butylbenzyl phthalate (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
Benzo(a)anthracene (aq)	µg/l	<1	-		7	0	1	1	-	-	-			<1			<1			<1			<1		
Benzo(b)fluoranthene (aq)	µg/l	<1	-		7	0	1	1	-	-	-			<1			<1			<1			<1		
Benzo(k)fluoranthene (aq)	µg/l	<1	-		7	0	1	1	-	-	-			<1			<1			<1			<1		
Benzo(a)pyrene (aq)	µg/l	<1	-		7	0	1	1	-	-	-			<1			<1			<1			<1		
Benzo(g,h,i)perylene (aq)	µg/l	<1	-		7	0	1	1	-	-	-			<1			<1			<1			<1		
Carbazole (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
Chrysene (aq)	µg/l	<1	-		7	0	1	1	-	-	-			<1			<1			<1			<1		
Dibenzofuran (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
n-Dibutyl phthalate (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
Diethyl phthalate (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
Dibenzo(a,h)anthracene (aq)	µg/l	<1	-		7	0	1	1	-	-	-			<1			<1			<1			<1		
Dimethyl phthalate (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
n-Dioctyl phthalate (aq)	µg/l	<5	-		32	0	5	5	-	-	-	<5		<5	<5		<5	<5		<5	<5		<5	<5	
Fluoranthene (aq)	µg/l	<1	-		7	0	1	1	-	-	-			<1			<1			<1			<1		
Fluorene (aq)	µg/l	<1	-		7	0	1	1	-	-	-			<1			<1			<1			<1		
Hexachlorobenzene (aq)	µg/l	<1	16	c	32	0	1	1	-	-	0	<1		<1	<1		<1	<1		<1	<1		<1	<1	
Hexachlorobutadiene (aq)	µg/l	<1	1.7	c	32	0	1	1	-	-	0	<1		<1	<1		<1	<1		<1	<1		<1	<1	
Pentachlorophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
Phenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
n-Nitroso-n-dipropylamine (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	

Contaminant	Units	Method Detection Limit	Assess-ment Criteria (AC)	Source (see key)	Summary Statistics							CG BH16	CG BH16	CG BH18	CG BH18	CG BH18	CG BH19	CG BH19	CG BH19	CG BH20	CG BH20	CG BH20	CG BH21	CG BH21	CG BH21
					Total Number of Samples	Results Above Detection Limit	Minimum	Maximum	Arithmetic Mean	Standard Deviation	Number of results >AC	01/05/2014	01/01/2015	01/01/2014	01/05/2014	01/01/2015	01/01/2014	01/05/2014	01/01/2015	01/01/2014	01/05/2014	01/01/2015	01/01/2014	01/05/2014	01/01/2015
Hexachloroethane (aq)	µg/l	<1	8.5	c	32	0	1	1	-	-	0	<1		<1	<1		<1	<1		<1	<1		<1	<1	
Nitrobenzene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
Naphthalene (aq)	µg/l	<1	-		7	0	1	1	-	-	-			<1			<1			<1			<1		
Isophorone (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
Hexachlorocyclopentadiene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1		<1	<1		<1	<1		<1	<1		<1	<1	
Phenanthrene (aq)	µg/l	<1	-		7	0	1	1	-	-	-			<1			<1			<1			<1		
Indeno(1,2,3-cd)pyrene (aq)	µg/l	<1	-		7	0	1	1	-	-	-			<1			<1			<1			<1		
Pyrene (aq)	µg/l	<1	-		7	0	1	1	-	-	-			<1			<1			<1			<1		
Volatile Organic Compounds			-		0	0	0	0	-	-	-														
Dichlorodifluoromethane	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
Chloromethane	µg/l	<1	14	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
Vinyl chloride	µg/l	<1	0.62	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
Bromomethane	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
Chloroethane	µg/l	<1	10000	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
Trichlorofluoromethane	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
1,1-Dichloroethene	µg/l	<1	160	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
Carbon disulphide	µg/l	<1	56	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
Dichloromethane	µg/l	<3	3300	c	19	0	3	3	-	-	0			<3			<3			<3			<3		
Methyl tertiary butyl ether (MTBE)	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
trans-1,2-Dichloroethene	µg/l	<1	160	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
1,1-Dichloroethane	µg/l	<1	2700	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
cis-1,2-Dichloroethene	µg/l	<1	130	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
2,2-Dichloropropane	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
Bromochloromethane	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
Chloroform	µg/l	<1	790	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
1,1,1-Trichloroethane	µg/l	<1	3000	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
1,1-Dichloropropene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
Carbontetrachloride	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
1,2-Dichloroethane	µg/l	<1	8.9	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
Benzene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
Trichloroethene	µg/l	<1	5.7	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
1,2-Dichloropropane	µg/l	<1	22	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
Dibromomethane	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
Bromodichloromethane	µg/l	<1	17	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
cis-1,3-Dichloropropene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
Toluene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
trans-1,3-Dichloropropene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
1,1,2-Trichloroethane	µg/l	<1	520	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
1,3-Dichloropropane	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
Tetrachloroethene	µg/l	<1	34	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
Dibromochloromethane	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
1,2-Dibromoethane	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
Chlorobenzene	µg/l	<1	98	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
1,1,1,2-Tetrachloroethane	µg/l	<1	240	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
Ethylbenzene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
m,p-Xylene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
o-Xylene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
Styrene	µg/l	<1	8800	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
Bromoform	µg/l	<1	3100	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
Isopropylbenzene	µg/l	<1	850	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
1,1,2,2-Tetrachloroethane	µg/l	<1	1600	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
1,2,3-Trichloropropane	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
Bromobenzene	µg/l	<1	220	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
Propylbenzene	µg/l	<1	2700	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
2-Chlorotoluene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
1,3,5-Trimethylbenzene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
4-Chlorotoluene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
tert-Butylbenzene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
1,2,4-Trimethylbenzene	µg/l	<1	24	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
sec-Butylbenzene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
4-iso-Propyltoluene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
1,3-Dichlorobenzene	µg/l	<1	31	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
1,4-Dichlorobenzene	µg/l	<1	5000	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
n-Butylbenzene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
1,2-Dichlorobenzene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
1,2-Dibromo-3-chloropropane	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
1,2,4-Trichlorobenzene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
Hexachlorobutadiene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
tert-Amyl methyl ether (TAME)	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
Naphthalene	µg/l	<1	-		19	0	1	1	-	-	-			<1			<1			<1			<1		
1,2,3-Trichlorobenzene	µg/l	<1	35	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
1,3,5-Trichlorobenzene	µg/l	<1	7.4	c	19	0	1	1	-	-	0			<1			<1			<1			<1		
Combined Pesticides/ Herbicides			-		0	0	0	0	-	-	-														
Dichlorvos	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01			<0.01	<0.01		<0.01	<0.01	
Mevinphos	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01			<0.01	<0.01		<0.01	<0.01	

Contaminant	Units	Method Detection Limit	Assess-ment Criteria (AC)	Source (see key)	Summary Statistics							CG BH16 01/05/2014	CG BH16 01/01/2015	CG BH18 01/01/2014	CG BH18 01/05/2014	CG BH18 01/01/2015	CG BH19 01/01/2014	CG BH19 01/05/2014	CG BH19 01/01/2015	CG BH20 01/01/2014	CG BH20 01/05/2014	CG BH20 01/01/2015	CG BH21 01/01/2014	CG BH21 01/05/2014	CG BH21 01/01/2015
					Total Number of Samples	Results Above Detection Limit	Minimum	Maximum	Arithmetic Mean	Standard Deviation	Number of results >AC															
alpha-Hexachlorocyclohexane (HCH / Lindane)	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
Diazinon	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
gamma-Hexachlorocyclohexane (HCH / Lindan	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
Heptachlor	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
Aldrin	µg/l	<0.01	47	c	24	0	0.01	0.01	-	-	0	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
beta-Hexachlorocyclohexane (HCH / Lindane)	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
Methyl parathion	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
Malathion	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
Fenitrothion	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
Heptachlor epoxide	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
Parathion	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
o,p-DDE	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
Endosulphan I	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
p,p-DDE	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
Dieldrin	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
o,p-TDE (DDD)	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
Endrin	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
o,p-DDT	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
p,p-TDE (DDD)	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
Ethion	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
Endosulphan II	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
p,p-DDT	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
o,p-Methoxychlor	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
p,p-Methoxychlor	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
Endosulphan sulphate	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	
Azinphos-methyl	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01			<0.01			<0.01		<0.01	<0.01		<0.01	<0.01	

Data Summary Statistics

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

Contaminant	Units	Method Detection Limit	Assess-ment Criteria (AC)	Source (see key)	Summary Statistics							CG BH22	CG BH22	CG BH22	CGBH24	CG BH24	CG BH24
					Total Number of Samples	Results Above Detection Limit	Minimum	Maximum	Arithmetic Mean	Standard Deviation	Number of results >AC	01/01/2014	01/05/2014	01/01/2015	01/05/2014	01/07/2014	01/01/2015
Carbon			-		0	0	0	0	-	-	-						
Carbon, Organic (diss.filt)	mg/l	<3	-		36	32	3	73.7	17.4586111	18.4853994	-	11.3	7.48	8.09	<3		3.11
Inorganics			-		0	0	0	0	-	-	-						
Ammoniacal Nitrogen as NH3	mg/l	<0.2	-		42	26	0.2	244	29.8475952	60.0213692	-	4.14	2.09	1.43		0.332	<0.2
Conductivity @ 20 deg. C	mS/cm	<0.005	-		13	13	0.479	3.37	1.50230769	0.90336338	-			1.1			0.944
pH	pH Units	<1	-		25	25	7.08	8.1	7.5564	0.26817097	-			7.97		7.15	7.3
Sulphate	mg/l	<2	-		13	13	28.3	277	133.515385	80.3082275	-			175			87.5
Chloride	mg/l	<2	-		13	13	5.3	621	141.807692	171.053961	-			111			48.3
BOD, unfiltered	mg/l	<1	-		13	5	1	2.73	1.53384615	0.71192858	-			<1			<1
Alkalinity, Total as CaCO3	mg/l	<2	-		13	13	162	8980	1318.53846	2332.28856	-			332			1230
Total Oxidised Nitrogen as N	mg/l	<0.1	-		13	12	0.1	31.3	9.40053846	8.72236209	-			3.65			5.85
Filtered (Dissolved) Metals			-		0	0	0	0	-	-	-						
Mercury (diss.filt)	µg/l	<0.01	-		45	5	0.01	0.0177	0.01032889	0.00128799	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Calcium	mg/l	<0.012	-		13	13	86.7	352	190.515385	72.0447991	-			195			166
Arsenic (diss.filt)	µg/l	<0.12	-		45	42	0.12	56.1	5.8606	11.5031322	-	56.1	4.65	19.2	0.46	0.692	0.523
Sodium	mg/l	<0.076	-		13	13	5.91	398	117.246923	126.041523	-			52.5			37
Barium (diss.filt)	µg/l	<0.03	-		45	43	0.03	754	193.519111	172.081367	-	453	164	109	82.9	91.8	60.1
Magnesium	mg/l	<0.036	-		13	13	4.26	44.1	16.7830769	12.598692	-			8.48			7.21
Beryllium (diss.filt)	µg/l	<0.07	-		45	11	0.07	3.77	0.28335556	0.76355274	-	3.69	<0.07	0.087	<0.07	<0.07	<0.07
Potassium	mg/l	<1	-		13	12	1	67	15.7846154	19.1405066	-			4.17			2.24
Iron	mg/l	<0.019	-		13	6	0.019	74.3	6.60456923	20.4331369	-			<0.019			<0.019
Boron (diss.filt)	µg/l	<9.4	-		45	43	9.4	7900	998.315556	1709.83062	-	101	86.8	117	143	257	211
Cadmium (diss.filt)	µg/l	<0.1	-		45	18	0.1	2.22	0.29057778	0.50944491	-	1.81	<0.1	0.148	<0.1	<0.1	<0.1
Chromium (diss.filt)	µg/l	<0.22	-		45	37	0.22	50.2	7.58655556	10.1196431	-	50.2	6.42	1.75	4.43	<0.22	0.915
Copper (diss.filt)	µg/l	<0.85	-		45	38	0.85	68	8.74497778	13.8906076	-	26.9	0.994	7.89	<0.85	1.64	<0.85
Lead (diss.filt)	µg/l	<0.02	-		45	32	0.02	283	9.79953333	42.4649403	-	283	0.046	10.1	<0.02	0.071	<0.02
Manganese	ug/l	<0.04	-		7	7	0.645	714	290.352286	314.630187	-			581			0.951
Nickel (diss.filt)	µg/l	<0.15	-		45	43	0.15	90.2	24.2106667	27.0933771	-	67.6	9.33	9.67	5.6	6.14	3.92
Selenium (diss.filt)	µg/l	<0.39	-		45	43	0.39	18.1	4.12795556	4.11625559	-	5.25	1.89	1.84	2.29	2.44	2.37
Vanadium (diss.filt)	µg/l	<0.24	-		45	34	0.24	138	7.55073333	21.741759	-	138	1.83	3.65	1.09	<0.24	<0.24
Zinc (diss.filt)	µg/l	<0.41	-		45	43	0.41	469	20.6329111	70.4669526	-	469	3.11	16.9	1.91	1.1	0.491
Unfiltered (Total) Metals			-		0	0	0	0	-	-	-						
Hardness, Total as CaCO3 unfiltered	mg/l	<0.35	-		6	6	335	1090	788	304.533085	-					1010	
Phenols			-		0	0	0	0	-	-	-						
Phenol	mg/l	<0.002	-		32	0	0.002	0.002	-	-	-	<0.002	<0.002		<0.002	<0.002	
Cresols	mg/l	<0.006	-		32	2	0.006	0.01	0.00625	0.00098374	-	<0.006	0.01		<0.006	<0.006	
Xylenols	mg/l	<0.008	-		32	1	0.008	0.01	0.0080625	-	-	<0.008	<0.008		<0.008	<0.008	
2,3,5-Trimethylphenol	mg/l	<0.003	-		32	0	0.003	0.003	-	-	-	<0.003	<0.003		<0.003	<0.003	
2-Isopropylphenol	mg/l	<0.006	-		32	0	0.006	0.006	-	-	-	<0.006	<0.006		<0.006	<0.006	
Phenols, Total Detected 5 speciated	mg/l	<0.025	-		32	0	0.025	0.025	-	-	-	<0.025	<0.025		<0.025	<0.025	
			-														
TPH Criteria Working Group (TPH CWG)			-		0	0	0	0	-	-	-						
GRO >C5-C12	ug/l	<50	-		13	0	50	50	-	-	-			<50			<50
Methyl tertiary butyl ether (MTBE)	µg/l	<3	83000	c	45	0	3	3	-	-	0	<3	<3	<3	<3	<3	<3
Benzene	µg/l	<7	210	c	45	0	7	7	-	-	0	<7	<7	<7	<7	<7	<7
Toluene	µg/l	<4	230000	c	45	0	4	4	-	-	0	<4	<4	<4	<4	<4	<4
Ethylbenzene	µg/l	<5	10000	c	45	0	5	5	-	-	0	<5	<5	<5	<5	<5	<5
m,p-Xylene	µg/l	<8	9500	c	45	0	8	8	-	-	0	<8	<8	<8	<8	<8	<8
o-Xylene	µg/l	<3	12000	c	45	0	3	3	-	-	0	<3	<3	<3	<3	<3	<3
Sum of detected Xylenes	µg/l	<11	-		45	0	11	11	-	-	-	<11	<11	<11	<11	<11	<11
Sum of detected BTEX	ug/l	<28	-		13	0	28	28	-	-	-			<28			<28
Aliphatics >C5-C6	µg/l	<10	1900	c	45	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10
Aliphatics >C6-C8	µg/l	<10	1500	c	45	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10
Aliphatics >C8-C10	µg/l	<10	57	c	45	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10
Aliphatics >C10-C12	µg/l	<10	37	c	45	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10
Aliphatics >C12-C16 (aq)	µg/l	<10	-		45	0	10	10	-	-	-	<10	<10	<10	<10	<10	<10
Aliphatics >C16-C21 (aq)	µg/l	<10	-		45	4	10	22	10.5111111	2.04074655	-	15	<10	<10	<10	<10	<10
Aliphatics >C21-C35 (aq)	µg/l	<10	-		45	7	10	326	22.3555556	53.477759	-	186	<10	<10	<10	<10	<10
Aromatics >EC5-EC7	µg/l	<10	210000	c	45	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10
Aromatics >EC7-EC8	µg/l	<10	220000	c	45	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10
Aromatics >EC8-EC10	µg/l	<10	1900	c	45	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10
Aromatics >EC10-EC12	µg/l	<10	6800	c	45	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10
Aromatics >EC12-EC16 (aq)	µg/l	<10	39000	c	45	0	10	10	-	-	0	<10	<10	<10	<10	<10	<10
Aromatics >EC16-EC21 (aq)	µg/l	<10	-		45	1	10	71	11.3555556	-	-	71	<10	<10	<10	<10	<10
Aromatics >EC21-EC35 (aq)	µg/l	<10	-		45	9	10	359	23.1333333	55.2846354	-	359	14	<10	<10	<10	28
Polyaromatic Hydrocarbons (PAHs)			-		0	0	0	0	-	-	-						
Naphthalene (aq)	µg/l	<0.1	220	c	45	0	0.1	0.5	-	-	0	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene (aq)	µg/l	<0.015	170000	c	45	6	0.015	0.359	0.03091778	0.05877137	0	0.359	0.0179	<0.015	<0.015	<0.015	<0.015
Acenaphthylene (aq)	µg/l	<0.011	220000	c	45	11	0.011	0.259	0.02012444	0.03849449	0	0.259	0.0271	<0.011	<0.011	<0.011	0.0128

Contaminant	Units	Method Detection Limit	Assess-ment Criteria (AC)	Source (see key)	Summary Statistics							CG BH22 01/01/2014	CG BH22 01/05/2014	CG BH22 01/01/2015	CGBH24 01/05/2014	CG BH24 01/07/2014	CG BH24 01/01/2015
					Total Number of Samples	Results Above Detection Limit	Minimum	Maximum	Arithmetic Mean	Standard Deviation	Number of results >AC						
Fluoranthene (aq)	µg/l	<0.017	-		45	23	0.017	14.1	0.47594667	2.10989594	-	14.1	0.976	0.121	<0.017	<0.017	0.0231
Anthracene (aq)	µg/l	<0.015	-		45	12	0.015	1.42	0.05640889	0.21069679	-	1.42	0.0688	<0.015	<0.015	<0.015	<0.015
Phenanthrene (aq)	µg/l	<0.022	-		45	15	0.022	4.52	0.15919556	0.67314612	-	4.52	0.23	0.0394	<0.022	<0.022	<0.022
Fluorene (aq)	µg/l	<0.014	210000	c	45	8	0.014	0.312	0.03286889	0.06096666	0	0.312	0.019	0.0224	<0.014	<0.014	<0.014
Chrysene (aq)	µg/l	<0.013	-		45	22	0.013	9.28	0.34008444	1.39410423	-	9.28	0.821	0.0899	<0.013	<0.013	0.0185
Pyrene (aq)	µg/l	<0.015	-		45	27	0.015	13.7	0.46672667	2.04931712	-	13.7	0.99	0.119	<0.015	<0.015	0.0264
Benzo(a)anthracene (aq)	µg/l	<0.017	-		45	17	0.017	8.32	0.30904889	1.25132919	-	8.32	0.67	0.0853	<0.017	<0.017	<0.017
Benzo(b)fluoranthene (aq)	µg/l	<0.023	-		45	23	0.023	10.5	0.50633333	1.64039256	-	10.5	1.07	0.18	<0.023	<0.023	0.0492
Benzo(k)fluoranthene (aq)	µg/l	<0.027	-		45	21	0.027	9.99	0.37784667	1.49607921	-	9.99	1.1	0.0807	<0.027	<0.027	<0.027
Benzo(a)pyrene (aq)	µg/l	<0.009	-		45	26	0.009	12	0.49503111	1.82955608	-	12	1.24	0.114	<0.009	<0.009	0.0263
Dibenzo(a,h)anthracene (aq)	µg/l	<0.016	-		45	14	0.016	2.6	0.10858667	0.38939034	-	2.6	0.244	0.0199	<0.016	<0.016	<0.016
Benzo(g,h,i)perylene (aq)	µg/l	<0.016	-		45	23	0.016	8.91	0.38428889	1.35883557	-	8.91	0.916	0.112	<0.016	<0.016	0.0269
Indeno(1,2,3-cd)pyrene (aq)	µg/l	<0.014	-		45	21	0.014	7.63	0.32377556	1.16620617	-	7.63	0.857	0.055	<0.014	<0.014	<0.014
PCB's - (Solids)			-		0	0	0	0	-	-	-						
PCB congener 28	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-	<0.015	<0.015		<0.015	<0.015	
PCB congener 52	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-	<0.015	<0.015		<0.015	<0.015	
PCB congener 101	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-	<0.015	<0.015		<0.015	<0.015	
PCB congener 118	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-	<0.015	<0.015		<0.015	<0.015	
PCB congener 138	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-	<0.015	<0.015		<0.015	<0.015	
PCB congener 153	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-	<0.015	<0.015		<0.015	<0.015	
PCB congener 180	µg/l	<0.015	-		26	0	0.015	0.015	-	-	-	<0.015	<0.015		<0.015	<0.015	
Sum of detected EC7 PCB's	µg/l	<0.105	-		26	0	0.105	0.105	-	-	-	<0.105	<0.105		<0.105	<0.105	
Semi-Volatile Organic Compounds			-		0	0	0	0	-	-	-						
1,2,4-Trichlorobenzene (aq)	µg/l	<1	68	c	32	0	1	1	-	-	0	<1	<1		<1	<1	
1,2-Dichlorobenzene (aq)	µg/l	<1	2000	c	32	0	1	1	-	-	0	<1	<1		<1	<1	
1,3-Dichlorobenzene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
1,4-Dichlorobenzene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
2,4,5-Trichlorophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
2,4,6-Trichlorophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
2,4-Dichlorophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
2,4-Dimethylphenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
2,4-Dinitrotoluene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
2,6-Dinitrotoluene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
2-Chloronaphthalene (aq)	µg/l	<1	160	c	32	0	1	1	-	-	0	<1	<1		<1	<1	
2-Chlorophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
2-Methylnaphthalene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
2-Methylphenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
2-Nitroaniline (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
2-Nitrophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
3-Nitroaniline (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
4-Bromophenylphenylether (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
4-Chloro-3-methylphenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
4-Chloroaniline (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
4-Chlorophenylphenylether (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
4-Methylphenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
4-Nitroaniline (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
4-Nitrophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
Azobenzene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
Acenaphthylene (aq)	µg/l	<1	-		7	0	1	1	-	-	-	<1					
Acenaphthene (aq)	µg/l	<1	-		7	0	1	1	-	-	-	<1					
Anthracene (aq)	µg/l	<1	-		7	0	1	1	-	-	-	<1					
bis(2-Chloroethyl)ether (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
bis(2-Chloroethoxy)methane (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
bis(2-Ethylhexyl) phthalate (aq)	µg/l	<2	-		32	2	2	4.09	2.11125	0.44478882	-	<2	<2		<2	<2	
Butylbenzyl phthalate (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
Benzo(a)anthracene (aq)	µg/l	<1	-		7	0	1	1	-	-	-	<1					
Benzo(b)fluoranthene (aq)	µg/l	<1	-		7	0	1	1	-	-	-	<1					
Benzo(k)fluoranthene (aq)	µg/l	<1	-		7	0	1	1	-	-	-	<1					
Benzo(a)pyrene (aq)	µg/l	<1	-		7	0	1	1	-	-	-	<1					
Benzo(g,h,i)perylene (aq)	µg/l	<1	-		7	0	1	1	-	-	-	<1					
Carbazole (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
Chrysene (aq)	µg/l	<1	-		7	0	1	1	-	-	-	<1					
Dibenzofuran (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
n-Dibutyl phthalate (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
Diethyl phthalate (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
Dibenzo(a,h)anthracene (aq)	µg/l	<1	-		7	0	1	1	-	-	-	<1					
Dimethyl phthalate (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
n-Dioctyl phthalate (aq)	µg/l	<5	-		32	0	5	5	-	-	-	<5	<5		<5	<5	
Fluoranthene (aq)	µg/l	<1	-		7	0	1	1	-	-	-	<1					
Fluorene (aq)	µg/l	<1	-		7	0	1	1	-	-	-	<1					
Hexachlorobenzene (aq)	µg/l	<1	16	c	32	0	1	1	-	-	0	<1	<1		<1	<1	
Hexachlorobutadiene (aq)	µg/l	<1	1.7	c	32	0	1	1	-	-	0	<1	<1		<1	<1	
Pentachlorophenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
Phenol (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
n-Nitroso-n-dipropylamine (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	

Contaminant	Units	Method Detection Limit	Assess-ment Criteria (AC)	Source (see key)	Summary Statistics							CG BH22	CG BH22	CG BH22	CGBH24	CG BH24	CG BH24
					Total Number of Samples	Results Above Detection Limit	Minimum	Maximum	Arithmetic Mean	Standard Deviation	Number of results >AC	01/01/2014	01/05/2014	01/01/2015	01/05/2014	01/07/2014	01/01/2015
Hexachloroethane (aq)	µg/l	<1	8.5	c	32	0	1	1	-	-	0	<1	<1		<1	<1	
Nitrobenzene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
Naphthalene (aq)	µg/l	<1	-		7	0	1	1	-	-	-	<1					
Isophorone (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
Hexachlorocyclopentadiene (aq)	µg/l	<1	-		32	0	1	1	-	-	-	<1	<1		<1	<1	
Phenanthrene (aq)	µg/l	<1	-		7	0	1	1	-	-	-	<1					
Indeno(1,2,3-cd)pyrene (aq)	µg/l	<1	-		7	0	1	1	-	-	-	<1					
Pyrene (aq)	µg/l	<1	-		7	0	1	1	-	-	-	<1					
Volatile Organic Compounds			-		0	0	0	0	-	-	-						
Dichlorodifluoromethane	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
Chloromethane	µg/l	<1	14	c	19	0	1	1	-	-	0	<1			<1	<1	
Vinyl chloride	µg/l	<1	0.62	c	19	0	1	1	-	-	0	<1			<1	<1	
Bromomethane	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
Chloroethane	µg/l	<1	10000	c	19	0	1	1	-	-	0	<1			<1	<1	
Trichlorofluoromethane	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
1,1-Dichloroethene	µg/l	<1	160	c	19	0	1	1	-	-	0	<1			<1	<1	
Carbon disulphide	µg/l	<1	56	c	19	0	1	1	-	-	0	<1			<1	<1	
Dichloromethane	µg/l	<3	3300	c	19	0	3	3	-	-	0	<3			<3	<3	
Methyl tertiary butyl ether (MTBE)	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
trans-1,2-Dichloroethene	µg/l	<1	160	c	19	0	1	1	-	-	0	<1			<1	<1	
1,1-Dichloroethane	µg/l	<1	2700	c	19	0	1	1	-	-	0	<1			<1	<1	
cis-1,2-Dichloroethene	µg/l	<1	130	c	19	0	1	1	-	-	0	<1			<1	<1	
2,2-Dichloropropane	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
Bromochloromethane	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
Chloroform	µg/l	<1	790	c	19	0	1	1	-	-	0	<1			<1	<1	
1,1,1-Trichloroethane	µg/l	<1	3000	c	19	0	1	1	-	-	0	<1			<1	<1	
1,1-Dichloropropene	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
Carbontetrachloride	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
1,2-Dichloroethane	µg/l	<1	8.9	c	19	0	1	1	-	-	0	<1			<1	<1	
Benzene	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
Trichloroethene	µg/l	<1	5.7	c	19	0	1	1	-	-	0	<1			<1	<1	
1,2-Dichloropropane	µg/l	<1	22	c	19	0	1	1	-	-	0	<1			<1	<1	
Dibromomethane	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
Bromodichloromethane	µg/l	<1	17	c	19	0	1	1	-	-	0	<1			<1	<1	
cis-1,3-Dichloropropene	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
Toluene	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
trans-1,3-Dichloropropene	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
1,1,2-Trichloroethane	µg/l	<1	520	c	19	0	1	1	-	-	0	<1			<1	<1	
1,3-Dichloropropane	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
Tetrachloroethene	µg/l	<1	34	c	19	0	1	1	-	-	0	<1			<1	<1	
Dibromochloromethane	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
1,2-Dibromoethane	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
Chlorobenzene	µg/l	<1	98	c	19	0	1	1	-	-	0	<1			<1	<1	
1,1,1,2-Tetrachloroethane	µg/l	<1	240	c	19	0	1	1	-	-	0	<1			<1	<1	
Ethylbenzene	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
m,p-Xylene	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
o-Xylene	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
Styrene	µg/l	<1	8800	c	19	0	1	1	-	-	0	<1			<1	<1	
Bromoform	µg/l	<1	3100	c	19	0	1	1	-	-	0	<1			<1	<1	
Isopropylbenzene	µg/l	<1	850	c	19	0	1	1	-	-	0	<1			<1	<1	
1,1,2,2-Tetrachloroethane	µg/l	<1	1600	c	19	0	1	1	-	-	0	<1			<1	<1	
1,2,3-Trichloropropane	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
Bromobenzene	µg/l	<1	220	c	19	0	1	1	-	-	0	<1			<1	<1	
Propylbenzene	µg/l	<1	2700	c	19	0	1	1	-	-	0	<1			<1	<1	
2-Chlorotoluene	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
1,3,5-Trimethylbenzene	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
4-Chlorotoluene	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
tert-Butylbenzene	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
1,2,4-Trimethylbenzene	µg/l	<1	24	c	19	0	1	1	-	-	0	<1			<1	<1	
sec-Butylbenzene	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
4-iso-Propyltoluene	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
1,3-Dichlorobenzene	µg/l	<1	31	c	19	0	1	1	-	-	0	<1			<1	<1	
1,4-Dichlorobenzene	µg/l	<1	5000	c	19	0	1	1	-	-	0	<1			<1	<1	
n-Butylbenzene	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
1,2-Dichlorobenzene	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
1,2-Dibromo-3-chloropropane	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
1,2,4-Trichlorobenzene	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
Hexachlorobutadiene	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
tert-Amyl methyl ether (TAME)	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
Naphthalene	µg/l	<1	-		19	0	1	1	-	-	-	<1			<1	<1	
1,2,3-Trichlorobenzene	µg/l	<1	35	c	19	0	1	1	-	-	0	<1			<1	<1	
1,3,5-Trichlorobenzene	µg/l	<1	7.4	c	19	0	1	1	-	-	0	<1			<1	<1	
Combined Pesticides/ Herbicides			-		0	0	0	0	-	-	-						
Dichlorvos	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
Mevinphos	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	

Contaminant	Units	Method Detection Limit	Assess-ment Criteria (AC)	Source (see key)	Summary Statistics							CG BH22	CG BH22	CG BH22	CGBH24	CG BH24	CG BH24
					Total Number of Samples	Results Above Detection Limit	Minimum	Maximum	Arithmetic Mean	Standard Deviation	Number of results >AC	01/01/2014	01/05/2014	01/01/2015	01/05/2014	01/07/2014	01/01/2015
alpha-Hexachlorocyclohexane (HCH / Lindane)	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
Diazinon	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
gamma-Hexachlorocyclohexane (HCH / Lindan	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
Heptachlor	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
Aldrin	µg/l	<0.01	47	c	24	0	0.01	0.01	-	-	0	<0.01	<0.01		<0.01	<0.01	
beta-Hexachlorocyclohexane (HCH / Lindane)	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
Methyl parathion	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
Malathion	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
Fenitrothion	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
Heptachlor epoxide	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
Parathion	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
o,p-DDE	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
Endosulphan I	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
p,p-DDE	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
Dieldrin	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
o,p-TDE (DDD)	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
Endrin	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
o,p-DDT	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
p,p-TDE (DDD)	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
Ethion	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
Endosulphan II	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
p,p-DDT	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
o,p-Methoxychlor	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
p,p-Methoxychlor	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
Endosulphan sulphate	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	
Azinphos-methyl	µg/l	<0.01	-		24	0	0.01	0.01	-	-	-	<0.01	<0.01		<0.01	<0.01	