

# APPENDIX 4

Surface Water Laboratory Results

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## Certificate of Analysis

<b>Customer:</b>	Clare County Council	<b>Project:</b>	Analysis of Surface & Ground Waters
<b>Address:</b>	Clare County Council New Rd., Ennis	<b>Date Received:</b>	24/03/2021
<b>Report to:</b>	Margaret Whyte	<b>Condition of Sample:</b>	Satisfactory
<b>Customer PO</b>	400436945	<b>Date Analysed:</b>	26/03/2021 - 15/06/2021
<b>Quote No.</b>	Q21-00189	<b>Issue Date:</b>	15/06/2021
		<b>BATCH NUMBER:</b>	<b>21-10934</b>

*Conor Murphy*

Conor Murphy  
Operations Manager

### Index to symbols used & Notes

*	Analysis is not INAB/UKAS accredited
**	Adapted from Standard Methods for the Examination of Water and Wastewater.
***	Customer specific limits
(F)	Analysis carried out at our Farranfore Laboratory.
(D)	Analysis carried out at our Dunrinc Laboratory.
LOD	Parameter Limit of Quantification
Note 6	Subcontracted Parameter.

### Notes

- ◆ The results relate only to the items tested.
- ◆ Opinions and interpretations expressed herein are outside the scope of INAB accreditation.
- ◆ The analysis report shall not be reproduced except in full without written approval of the laboratory.
- ◆ Sampling is outside the scope of the laboratory activities.

### Notes for Drinking Water samples

Note A	The water should not be aggressive
Note B	Compliance must be ensured with the conditions that $[NO_3]/50 + [NO_2]/3 = 1$
Note C	Acceptable to customers and no abnormal change
Note D	In the case of surface water treatment, a parametric value not exceeding 1 NTU in the water ex treatment works must be strived for
Note F	Fluoridated supplies 0.8 mg/L; Natural supplies 1.5 mg/L.

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directors: K. Murphy, M. Murphy & C. Murphy  
registered in ireland no 323196 | vat reg no IE 6343196 M





<b>Customer Sample Ref:</b>	21-0289	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33068 (21-10934)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
<b><u>Microbiological Analysis: (D)</u></b>				
SMP 019	Coliforms	MPN/100mL	<1	85
SMP 124	Faecal coliforms	MPN/100mL	<1	41
SMP 019	E. coli	MPN/100mL	<1	< 10
<b><u>Chemical Analysis: (F)</u></b>				
SCP 052	Hydrogen Ion (pH)	pH units	4.0	5.2
SCP 052	Conductivity	µS/cm @ 20 °C	15	86
SCP 015	Biological Oxygen Demand (BOD)	mg/L	1.0	1.4
SCP 124D	* Dissolved Methane	mg/L	0.003	< 0.003
SCP 015	* Dissolved Oxygen	mg/L		6.7
SCP 010	Suspended Solids	mg/L	2	< 20
SCP027H	Alkalinity	mg/L as CaCO3	5.0	16.4
SCP 027A	Total Ammonia	mg/L N	0.02	0.06
SCP 027E	Total Oxidised Nitrogen (TON)	mg/L N	0.20	< 0.20
SCP 027B	Chloride	mg/L	0.5	22.0
SCP 027L- Note 6	Cyanide Free	mg/L	0.01	< 0.01
SCP 027D	Sulphate	mg/L	0.5	< 0.5
SCP 016	Chemical Oxygen Demand (COD)	mg/L	10	20
SCP 044	Total Phosphorus	mg/L P	0.04	< 0.04
SCP 063	Fluoride	mg/L	0.1	< 0.1
SCP 065B	Total Organic Carbon (TOC)	mg/L	0.5	44.3
**2510 B	* Total Dissolved Solids (TDS)	mg/L	5	49
SCP 038 /073	Dissolved Arsenic (As)	µg/L	1.00	20.83
SCP 038 /073	Dissolved Boron (B)	µg/L	20.00	< 20.00
SCP 038 /073	Dissolved Cadmium (Cd)	µg/L	0.45	< 0.45
SCP 038 /073	Dissolved Chromium (Cr)	µg/L	1.00	2.17
SCP 038 /073	Dissolved Copper (Cu)	µg/L	1.00	< 1.00
SCP 038 /073	Dissolved Iron (Fe)	µg/L	5.00	1304.46
SCP 038 /073	Dissolved Lead (Pb)	µg/L	1.00	1.08
SCP 038 /073	Dissolved Manganese (Mn)	µg/L	1.00	167.41
SCP 038 /073	Dissolved Mercury (Hg)	µg/L	0.50	< 0.50
SCP 038 /073	Dissolved Nickel (Ni)	µg/L	1.00	2.66
SCP 038 /073	Dissolved Zinc (Zn)	µg/L	5.00	< 5.00
SCP 131A	2,4-D	µg/L	0.005	< 0.005
SCP 131A	Dichlorprop (24DP)	µg/L	0.005	< 0.005
SCP 131A	MCPA	µg/L	0.005	< 0.005
SCP 131A	MCP (Mecoprop)	µg/L	0.005	< 0.005
SCP 131C	Atrazine	µg/L	0.005	< 0.005
SCP 053	Calcium-Dissolved	mg/L	10.0	< 10

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<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33068 (21-10934)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 053	Magnesium-Dissolved	mg/L	10.0	< 10
SCP 053	Potassium-Dissolved	mg/L	10.0	< 10
SCP 131C	Simazine	µg/L	0.005	< 0.005
SCP 053	Sodium-Dissolved	mg/L	10.0	10
SCP 060G	* Tributyl tin (TBT)	µg/L	0.05	< 0.05
<u>PAH's Water (default)</u>				
<b>Chemical Analysis: (F)</b>				
SCP 060B	Total PAH's (sum of 16)	µg/L	0.378	< 0.378
SCP 060B	Sum Benzo (b)&(k) fluoranthene	µg/L	0.005	< 0.05
<u>Semi-Volatile Screen (sVOC US EPA 625)</u>				
<b>Chemical Analysis: (F)</b>				
SCP 060F	* 1,2,4-Trichlorobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,2-Dichlorobenzene (95-50-1)	µg/L	0.01	< 0.01
SCP 060F	* 1,2-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,3-Dichlorobenzene (541-73-1)	µg/L	0.01	< 0.01
SCP 060F	* 1,3-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,4-Dichlorobenzene (106-46-7)	µg/L	0.01	< 0.01
SCP 060F	* 1,4-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1-Methylnaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2,2'-Oxybis(1-chloropropane)	µg/L	0.01	< 0.01
SCP 060F	* 2,3,4,6-Tetrachlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,3,5,6-Tetrachlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4,5-Trichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4,6-Trichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dimethylphenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dinitrophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dinitrotoluene	µg/L	0.01	< 0.01
SCP 060F	* 2,6-Dinitrotoluene	µg/L	0.01	< 0.01
SCP 060F	* 2-Chloronaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2-Chlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2-Methylphenol (o-cresol)	µg/L	0.01	< 0.01
SCP 060F	* 2-Methylnaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 2-Nitrophenol	µg/L	0.01	< 0.01
SCP 060F	* 3/4-Methylphenol (m/p cresol)	µg/L	0.01	< 0.01
SCP 060F	* 3-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4,6-Dinitro-2-methylphenol	µg/L	0.01	< 0.01
SCP 060F	* 4-Bromophenyl phenyl ether	µg/L	0.01	< 0.01
SCP 060F	* 4-Chloro-3-methylphenol	µg/L	0.01	< 0.01

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<b>Customer Sample Ref:</b>	21-0289	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33068 (21-10934)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 060F	* 4-Chloroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4-Chlorophenyl phenyl ether	µg/L	0.01	< 0.01
SCP 060F	* 4-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4-Nitrophenol	µg/L	0.01	< 0.01
SCP 060B	Acenaphthene	µg/L	0.005	< 0.005
SCP 060B	Acenaphthylene	µg/L	0.005	< 0.005
SCP 060F	* Aniline	µg/L	0.01	< 0.01
SCP 060B	Anthracene	µg/L	0.005	< 0.005
SCP 060F	* Azobenzene	µg/L	0.01	< 0.01
SCP 060B	Benz(a)anthracene	µg/L	0.005	< 0.005
SCP 060B	Benzo(a)pyrene	µg/L	0.003	< 0.003
SCP 060B	Benzo(b)fluoranthene	µg/L	0.005	< 0.005
SCP 060B	Benzo(ghi)perylene	µg/L	0.005	< 0.005
SCP 060B	Benzo(k)fluoranthene	µg/L	0.005	< 0.005
SCP 060F	* Benzyl alcohol	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-chloroethoxy)methane	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-chloroethyl)ether	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-ethylhexyl)adipate	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-ethylhexyl)phthalate	µg/L	0.01	< 0.01
SCP 060F	* Benzyl butyl phthalate	µg/L	1	< 1
SCP 060F	* Carbazole	µg/L	0.01	< 0.01
SCP 060B	Chrysene	µg/L	0.005	< 0.005
SCP 060B	Dibenz(a,h)anthracene	µg/L	0.005	< 0.005
SCP 060F	* Dibenzofuran	µg/L	0.01	< 0.01
SCP 060F	* Diethylphthalate	µg/L	0.01	< 0.01
SCP 060F	* Dimethylphthalate	µg/L	0.01	< 0.01
SCP 060F	* Di-n-butyl phthalate	µg/L	0.01	< 0.01
SCP 060F	* Di-n-octyl phthalate	µg/L	0.01	< 0.01
SCP 060B	Fluoranthene	µg/L	0.005	< 0.005
SCP 060B	Fluorene	µg/L	0.005	< 0.005
SCP 060F	* Hexachlorobenzene	µg/L	0.01	< 0.01
SCP 060F	* Hexachlorobutadiene	µg/L	0.01	< 0.01
SCP 060F	* Hexachlorocyclopentadiene	µg/L	0.01	< 0.01
SCP 060F	* Hexachloroethane	µg/L	0.01	< 0.01
SCP 060B	Indeno(1,2,3-cd)pyrene	µg/L	0.005	< 0.005
SCP 060F	* Isophorone	µg/L	0.01	< 0.01
SCP 060B	Naphthalene	µg/L	0.005	< 0.005
SCP 060F	* Nitrobenzene	µg/L	1	< 1
SCP 060F	* N-Nitrosodimethylamine	µg/L	0.01	< 0.01
SCP 060F	* N-Nitroso-di-n-propylamine	µg/L	0.01	< 0.01
SCP 060F	* N-Nitrosodiphenylamine	µg/L	0.01	< 0.01

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<b>Customer Sample Ref:</b>	21-0289	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33068 (21-10934)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 060F	* Pentachlorophenol	µg/L	0.01	< 0.01
SCP 060B	Phenanthrene	µg/L	0.005	< 0.005
SCP 060F	* Phenol	µg/L	0.01	< 0.01
SCP 060B	Pyrene	µg/L	0.005	< 0.005
SCP 060F	* Pyridine	µg/L	0.01	< 0.01

Volatile Screen (VOC US EPA 624)

Chemical Analysis: (F)

SCP 114A	1,1,1,2-Tetrachloroethane	µg/L	1	< 1
SCP 114A	* 1,1,1-Trichloroethane	µg/L	1	< 1
SCP 114A	1,1,2,2-Tetrachloroethane	µg/L	1	< 1
SCP 114A	1,1,2-Trichloroethane	µg/L	1	< 1
SCP 114A	1,1-Dichloroethane	µg/L	1	< 1
SCP 114A	1,1-Dichloroethene	µg/L	1	< 1
SCP 114A	1,1-Dichloropropene	µg/L	0.5	< 0.5
SCP 114A	1,2,3-Trichlorobenzene	µg/L	1	< 1
SCP 114A	1,2,3-Trichloropropane	µg/L	1	< 1
SCP 114A	1,2,4-Trimethylbenzene	µg/L	1	< 1
SCP 114A	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	1	< 1
SCP 114A	1,2-Dibromoethane (EDB)	µg/L	1	< 1
SCP 114A	1,2-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	1,3-Dichloropropane	µg/L	1	< 1
SCP 114A	1,3,5-Trimethylbenzene	µg/L	1	< 1
SCP 114A	1,2-Dichloropropane	µg/L	1	< 1
SCP 114A	1,4-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	2,2-Dichloropropane	µg/L	1	< 1
SCP 114A	2-Chlorotoluene	µg/L	1	< 1
SCP 114A	4-Chlorotoluene	µg/L	1	< 1
SCP 114A	Benzene	µg/L	0.1	< 0.1
SCP 114A	Bromobenzene	µg/L	1	< 1
SCP 114A	* Bromochloromethane	µg/L	1	< 1
SCP 114A	Bromodichloromethane	µg/L	1	< 1
SCP 114A	Bromoform	µg/L	1	< 1
SCP 114A	Bromomethane	µg/L	1	< 1
SCP 114A	Carbon tetrachloride	µg/L	1	< 1
SCP 114A	Chlorobenzene	µg/L	1	< 1
SCP 114A	Chloroethane	µg/L	1	< 1
SCP 114A	Chloroform	µg/L	2	< 2
SCP 114A	Chloromethane	µg/L	1	< 1
SCP 114A	cis-1,2-Dichloroethene	µg/L	1	< 1
SCP 114A	cis-1,3-Dichloropropene	µg/L	1	< 1
SCP 114A	Dibromochloromethane	µg/L	1	< 1

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<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33068 (21-10934)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 114A	Dibromomethane	µg/L	1	< 1
SCP 114A	* Dichlorodifluoromethane	µg/L	1	< 1
SCP 114A	Ethylbenzene	µg/L	0.5	< 0.5
SCP 114A	Isopropylbenzene	µg/L	1	< 1
SCP 114A	m,p Xylene	µg/L	0.5	< 0.5
SCP 114A	n-Butylbenzene	µg/L	1	< 1
SCP 114A	n-Propylbenzene	µg/L	1	< 1
SCP 114A	o Xylene	µg/L	0.5	< 0.5
SCP 114A	4-Isopropyl toluene (p-Cymene)	µg/L	1	< 1
SCP 114A	sec-Butylbenzene	µg/L	1	< 1
SCP 114A	Styrene	µg/L	1	< 1
SCP 114A	tert-Butylbenzene	µg/L	1	< 1
SCP 114A	Tetrachloroethene	µg/L	0.1	< 0.1
SCP 114A	Toluene	µg/L	0.5	< 0.5
SCP 114A	trans-1,2-Dichloroethene	µg/L	1	< 1
SCP 114A	trans-1,3-Dichloropropene	µg/L	1	< 1
SCP 114A	Trichloroethene	µg/L	0.1	< 0.1
SCP 114A	Trichlorofluoromethane	µg/L	1	< 1
SCP 114A	Vinyl Chloride	µg/L	0.1	< 0.1
SCP 114A	1,2,4-Trichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	1,3-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	Hexachlorobutadiene	µg/L	0.5	< 0.5
SCP 114A	Naphthalene	µg/L	0.5	< 0.5
SCP 114A	1,2-Dichloroethane	µg/L	0.2	< 0.2

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<b>Customer Sample Ref:</b>	21-0290	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33069 (21-10934)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
<b><u>Microbiological Analysis: (D)</u></b>				
SMP 019	Coliforms	MPN/100mL	<1	70
SMP 124	Faecal coliforms	MPN/100mL	<1	< 1
SMP 019	E. coli	MPN/100mL	<1	< 1
<b><u>Chemical Analysis: (F)</u></b>				
SCP 052	Hydrogen Ion (pH)	pH units	4.0	5.8
SCP 052	Conductivity	µS/cm @ 20 °C	15	65
SCP 015	Biological Oxygen Demand (BOD)	mg/L	1.0	9.8
SCP 124D	* Dissolved Methane	mg/L	0.003	< 0.003
SCP 015	* Dissolved Oxygen	mg/L		7.2
SCP 010	Suspended Solids	mg/L	2	588
SCP027H	Alkalinity	mg/L as CaCO3	5.0	8.4
SCP 027A	Total Ammonia	mg/L N	0.02	0.04
SCP 027E	Total Oxidised Nitrogen (TON)	mg/L N	0.20	< 0.20
SCP 027B	Chloride	mg/L	0.5	13.5
SCP 027L- Note 6	Cyanide Free	mg/L	0.01	0.03
SCP 027D	Sulphate	mg/L	0.5	3.1
SCP 016	Chemical Oxygen Demand (COD)	mg/L	10	13
SCP 044	Total Phosphorus	mg/L P	0.04	< 0.04
SCP 063	Fluoride	mg/L	0.1	0.1
SCP 065B	Total Organic Carbon (TOC)	mg/L	0.5	9.1
**2510 B	* Total Dissolved Solids (TDS)	mg/L	5	37
SCP 038 /073	Dissolved Arsenic (As)	µg/L	1.00	< 1.00
SCP 038 /073	Dissolved Boron (B)	µg/L	20.00	< 20.00
SCP 038 /073	Dissolved Cadmium (Cd)	µg/L	0.45	< 0.45
SCP 038 /073	Dissolved Chromium (Cr)	µg/L	1.00	2.08
SCP 038 /073	Dissolved Copper (Cu)	µg/L	1.00	1.97
SCP 038 /073	Dissolved Iron (Fe)	µg/L	5.00	243.04
SCP 038 /073	Dissolved Lead (Pb)	µg/L	1.00	2.03
SCP 038 /073	Dissolved Manganese (Mn)	µg/L	1.00	17.89
SCP 038 /073	Dissolved Mercury (Hg)	µg/L	0.50	< 0.50
SCP 038 /073	Dissolved Nickel (Ni)	µg/L	1.00	3.90
SCP 038 /073	Dissolved Zinc (Zn)	µg/L	5.00	< 5.00
SCP 131A	2,4-D	µg/L	0.005	< 0.005
SCP 131A	Dichlorprop (24DP)	µg/L	0.005	< 0.005
SCP 131A	MCPA	µg/L	0.005	< 0.005
SCP 131A	MCP (Mecoprop)	µg/L	0.005	< 0.005
SCP 131C	Atrazine	µg/L	0.005	< 0.005
SCP 053	Calcium-Dissolved	mg/L	10.0	< 10

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 registered in ireland no 323196 | vat reg no IE 6343196 M





<b>Customer Sample Ref:</b>	21-0290	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33069 (21-10934)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 053	Magnesium-Dissolved	mg/L	10.0	< 10
SCP 053	Potassium-Dissolved	mg/L	10.0	< 10
SCP 131C	Simazine	µg/L	0.005	< 0.005
SCP 053	Sodium-Dissolved	mg/L	10.0	< 10
SCP 060G	* Tributyl tin (TBT)	µg/L	0.05	< 0.05
<b>PAH's Water (default)</b>				
<b>Chemical Analysis: (F)</b>				
SCP 060B	Total PAH's (sum of 16)	µg/L	0.378	< 0.378
SCP 060B	Sum Benzo (b)&(k) fluoranthene	µg/L	0.005	< 0.05
<b>Semi-Volatile Screen (sVOC US EPA 625)</b>				
<b>Chemical Analysis: (F)</b>				
SCP 060F	* 1,2,4-Trichlorobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,2-Dichlorobenzene (95-50-1)	µg/L	0.01	< 0.01
SCP 060F	* 1,2-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,3-Dichlorobenzene (541-73-1)	µg/L	0.01	< 0.01
SCP 060F	* 1,3-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,4-Dichlorobenzene (106-46-7)	µg/L	0.01	< 0.01
SCP 060F	* 1,4-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1-Methylnaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2,2'-Oxybis(1-chloropropane)	µg/L	0.01	< 0.01
SCP 060F	* 2,3,4,6-Tetrachlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,3,5,6-Tetrachlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4,5-Trichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4,6-Trichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dimethylphenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dinitrophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dinitrotoluene	µg/L	0.01	< 0.01
SCP 060F	* 2,6-Dinitrotoluene	µg/L	0.01	< 0.01
SCP 060F	* 2-Chloronaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2-Chlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2-Methylphenol (o-cresol)	µg/L	0.01	< 0.01
SCP 060F	* 2-Methylnaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 2-Nitrophenol	µg/L	0.01	< 0.01
SCP 060F	* 3/4-Methylphenol (m/p cresol)	µg/L	0.01	< 0.01
SCP 060F	* 3-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4,6-Dinitro-2-methylphenol	µg/L	0.01	< 0.01
SCP 060F	* 4-Bromophenyl phenyl ether	µg/L	0.01	< 0.01
SCP 060F	* 4-Chloro-3-methylphenol	µg/L	0.01	< 0.01

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<b>Customer Sample Ref:</b>	21-0290	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33069 (21-10934)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 060F	* 4-Chloroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4-Chlorophenyl phenyl ether	µg/L	0.01	< 0.01
SCP 060F	* 4-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4-Nitrophenol	µg/L	0.01	< 0.01
SCP 060B	Acenaphthene	µg/L	0.005	< 0.005
SCP 060B	Acenaphthylene	µg/L	0.005	< 0.005
SCP 060F	* Aniline	µg/L	0.01	< 0.01
SCP 060B	Anthracene	µg/L	0.005	< 0.005
SCP 060F	* Azobenzene	µg/L	0.01	< 0.01
SCP 060B	Benz(a)anthracene	µg/L	0.005	< 0.005
SCP 060B	Benzo(a)pyrene	µg/L	0.003	< 0.003
SCP 060B	Benzo(b)fluoranthene	µg/L	0.005	< 0.005
SCP 060B	Benzo(ghi)perylene	µg/L	0.005	< 0.005
SCP 060B	Benzo(k)fluoranthene	µg/L	0.005	< 0.005
SCP 060F	* Benzyl alcohol	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-chloroethoxy)methane	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-chloroethyl)ether	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-ethylhexyl)adipate	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-ethylhexyl)phthalate	µg/L	0.01	< 0.01
SCP 060F	* Benzyl butyl phthalate	µg/L	1	< 1
SCP 060F	* Carbazole	µg/L	0.01	< 0.01
SCP 060B	Chrysene	µg/L	0.005	< 0.005
SCP 060B	Dibenz(a,h)anthracene	µg/L	0.005	< 0.005
SCP 060F	* Dibenzofuran	µg/L	0.01	< 0.01
SCP 060F	* Diethylphthalate	µg/L	0.01	< 0.01
SCP 060F	* Dimethylphthalate	µg/L	0.01	< 0.01
SCP 060F	* Di-n-butyl phthalate	µg/L	0.01	< 0.01
SCP 060F	* Di-n-octyl phthalate	µg/L	0.01	0.14
SCP 060B	Fluoranthene	µg/L	0.005	< 0.005
SCP 060B	Fluorene	µg/L	0.005	< 0.005
SCP 060F	* Hexachlorobenzene	µg/L	0.01	< 0.01
SCP 060F	* Hexachlorobutadiene	µg/L	0.01	< 0.01
SCP 060F	* Hexachlorocyclopentadiene	µg/L	0.01	< 0.01
SCP 060F	* Hexachloroethane	µg/L	0.01	< 0.01
SCP 060B	Indeno(1,2,3-cd)pyrene	µg/L	0.005	< 0.005
SCP 060F	* Isophorone	µg/L	0.01	< 0.01
SCP 060B	Naphthalene	µg/L	0.005	< 0.005
SCP 060F	* Nitrobenzene	µg/L	1	< 1
SCP 060F	* N-Nitrosodimethylamine	µg/L	0.01	< 0.01
SCP 060F	* N-Nitroso-di-n-propylamine	µg/L	0.01	< 0.01
SCP 060F	* N-Nitrosodiphenylamine	µg/L	0.01	< 0.01

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<b>Customer Sample Ref:</b>	21-0290	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33069 (21-10934)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 060F	* Pentachlorophenol	µg/L	0.01	< 0.01
SCP 060B	Phenanthrene	µg/L	0.005	< 0.005
SCP 060F	* Phenol	µg/L	0.01	< 0.01
SCP 060B	Pyrene	µg/L	0.005	< 0.005
SCP 060F	* Pyridine	µg/L	0.01	< 0.01

Volatile Screen (VOC US EPA 624)

Chemical Analysis: (F)

SCP 114A	1,1,1,2-Tetrachloroethane	µg/L	1	< 1
SCP 114A	* 1,1,1-Trichloroethane	µg/L	1	< 1
SCP 114A	1,1,2,2-Tetrachloroethane	µg/L	1	< 1
SCP 114A	1,1,2-Trichloroethane	µg/L	1	< 1
SCP 114A	1,1-Dichloroethane	µg/L	1	< 1
SCP 114A	1,1-Dichloroethene	µg/L	1	< 1
SCP 114A	1,1-Dichloropropene	µg/L	0.5	< 0.5
SCP 114A	1,2,3-Trichlorobenzene	µg/L	1	< 1
SCP 114A	1,2,3-Trichloropropane	µg/L	1	< 1
SCP 114A	1,2,4-Trimethylbenzene	µg/L	1	< 1
SCP 114A	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	1	< 1
SCP 114A	1,2-Dibromoethane (EDB)	µg/L	1	< 1
SCP 114A	1,2-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	1,3-Dichloropropane	µg/L	1	< 1
SCP 114A	1,3,5-Trimethylbenzene	µg/L	1	< 1
SCP 114A	1,2-Dichloropropane	µg/L	1	< 1
SCP 114A	1,4-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	2,2-Dichloropropane	µg/L	1	< 1
SCP 114A	2-Chlorotoluene	µg/L	1	< 1
SCP 114A	4-Chlorotoluene	µg/L	1	< 1
SCP 114A	Benzene	µg/L	0.1	< 0.1
SCP 114A	Bromobenzene	µg/L	1	< 1
SCP 114A	* Bromochloromethane	µg/L	1	< 1
SCP 114A	Bromodichloromethane	µg/L	1	< 1
SCP 114A	Bromoform	µg/L	1	< 1
SCP 114A	Bromomethane	µg/L	1	< 1
SCP 114A	Carbon tetrachloride	µg/L	1	< 1
SCP 114A	Chlorobenzene	µg/L	1	< 1
SCP 114A	Chloroethane	µg/L	1	< 1
SCP 114A	Chloroform	µg/L	2	< 2
SCP 114A	Chloromethane	µg/L	1	< 1
SCP 114A	cis-1,2-Dichloroethene	µg/L	1	< 1
SCP 114A	cis-1,3-Dichloropropene	µg/L	1	< 1
SCP 114A	Dibromochloromethane	µg/L	1	< 1

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<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33069 (21-10934)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 114A	Dibromomethane	µg/L	1	< 1
SCP 114A	* Dichlorodifluoromethane	µg/L	1	< 1
SCP 114A	Ethylbenzene	µg/L	0.5	< 0.5
SCP 114A	Isopropylbenzene	µg/L	1	< 1
SCP 114A	m,p Xylene	µg/L	0.5	< 0.5
SCP 114A	n-Butylbenzene	µg/L	1	< 1
SCP 114A	n-Propylbenzene	µg/L	1	< 1
SCP 114A	o Xylene	µg/L	0.5	< 0.5
SCP 114A	4-Isopropyl toluene (p-Cymene)	µg/L	1	< 1
SCP 114A	sec-Butylbenzene	µg/L	1	< 1
SCP 114A	Styrene	µg/L	1	< 1
SCP 114A	tert-Butylbenzene	µg/L	1	< 1
SCP 114A	Tetrachloroethene	µg/L	0.1	< 0.1
SCP 114A	Toluene	µg/L	0.5	< 0.5
SCP 114A	trans-1,2-Dichloroethene	µg/L	1	< 1
SCP 114A	trans-1,3-Dichloropropene	µg/L	1	< 1
SCP 114A	Trichloroethene	µg/L	0.1	< 0.1
SCP 114A	Trichlorofluoromethane	µg/L	1	< 1
SCP 114A	Vinyl Chloride	µg/L	0.1	< 0.1
SCP 114A	1,2,4-Trichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	1,3-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	Hexachlorobutadiene	µg/L	0.5	< 0.5
SCP 114A	Naphthalene	µg/L	0.5	< 0.5
SCP 114A	1,2-Dichloroethane	µg/L	0.2	< 0.2

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<b>Customer Sample Ref:</b>	21-0291	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33070 (21-10934)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
<b><u>Microbiological Analysis: (D)</u></b>				
SMP 019	Coliforms	MPN/100mL	<1	> 201
SMP 124	Faecal coliforms	MPN/100mL	<1	41
SMP 019	E. coli	MPN/100mL	<1	10
<b><u>Chemical Analysis: (F)</u></b>				
SCP 052	Hydrogen Ion (pH)	pH units	4.0	7.0
SCP 052	Conductivity	µS/cm @ 20 °C	15	340
SCP 015	Biological Oxygen Demand (BOD)	mg/L	1.0	1.8
SCP 124D	* Dissolved Methane	mg/L	0.003	< 0.003
SCP 015	* Dissolved Oxygen	mg/L		8.0
SCP 010	Suspended Solids	mg/L	2	< 20
SCP027H	Alkalinity	mg/L as CaCO3	5.0	166.4
SCP 027A	Total Ammonia	mg/L N	0.02	5.19
SCP 027E	Total Oxidised Nitrogen (TON)	mg/L N	0.20	< 0.20
SCP 027B	Chloride	mg/L	0.5	21.6
SCP 027L- Note 6	Cyanide Free	mg/L	0.01	< 0.01
SCP 027D	Sulphate	mg/L	0.5	5.3
SCP 016	Chemical Oxygen Demand (COD)	mg/L	10	40
SCP 044	Total Phosphorus	mg/L P	0.04	0.40
SCP 063	Fluoride	mg/L	0.1	< 0.1
SCP 065B	Total Organic Carbon (TOC)	mg/L	0.5	28.0
**2510 B	* Total Dissolved Solids (TDS)	mg/L	5	193
SCP 038 /073	Dissolved Arsenic (As)	µg/L	1.00	14.68
SCP 038 /073	Dissolved Boron (B)	µg/L	20.00	67.48
SCP 038 /073	Dissolved Cadmium (Cd)	µg/L	0.45	< 0.45
SCP 038 /073	Dissolved Chromium (Cr)	µg/L	1.00	2.60
SCP 038 /073	Dissolved Copper (Cu)	µg/L	1.00	< 1.00
SCP 038 /073	Dissolved Iron (Fe)	µg/L	5.00	3064.99
SCP 038 /073	Dissolved Lead (Pb)	µg/L	1.00	< 1.00
SCP 038 /073	Dissolved Manganese (Mn)	µg/L	1.00	529.20
SCP 038 /073	Dissolved Mercury (Hg)	µg/L	0.50	< 0.50
SCP 038 /073	Dissolved Nickel (Ni)	µg/L	1.00	4.03
SCP 038 /073	Dissolved Zinc (Zn)	µg/L	5.00	< 5.00
SCP 131A	2,4-D	µg/L	0.005	< 0.005
SCP 131A	Dichlorprop (24DP)	µg/L	0.005	< 0.005
SCP 131A	MCPA	µg/L	0.005	< 0.005
SCP 131A	MCP (Mecoprop)	µg/L	0.005	< 0.005
SCP 131C	Atrazine	µg/L	0.005	< 0.005
SCP 053	Calcium-Dissolved	mg/L	10.0	37

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<b>Customer Sample Ref:</b>	21-0291	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33070 (21-10934)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 053	Magnesium-Dissolved	mg/L	10.0	< 10
SCP 053	Potassium-Dissolved	mg/L	10.0	< 10
SCP 131C	Simazine	µg/L	0.005	< 0.005
SCP 053	Sodium-Dissolved	mg/L	10.0	12
SCP 060G	* Tributyl tin (TBT)	µg/L	0.05	< 0.05
<u>PAH's Water (default)</u>				
<b>Chemical Analysis: (F)</b>				
SCP 060B	Total PAH's (sum of 16)	µg/L	0.378	< 0.378
SCP 060B	Sum Benzo (b)&(k) fluoranthene	µg/L	0.005	< 0.05
<u>Semi-Volatile Screen (sVOC US EPA 625)</u>				
<b>Chemical Analysis: (F)</b>				
SCP 060F	* 1,2,4-Trichlorobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,2-Dichlorobenzene (95-50-1)	µg/L	0.01	< 0.01
SCP 060F	* 1,2-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,3-Dichlorobenzene (541-73-1)	µg/L	0.01	< 0.01
SCP 060F	* 1,3-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,4-Dichlorobenzene (106-46-7)	µg/L	0.01	< 0.01
SCP 060F	* 1,4-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1-Methylnaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2,2'-Oxybis(1-chloropropane)	µg/L	0.01	< 0.01
SCP 060F	* 2,3,4,6-Tetrachlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,3,5,6-Tetrachlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4,5-Trichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4,6-Trichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dimethylphenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dinitrophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dinitrotoluene	µg/L	0.01	< 0.01
SCP 060F	* 2,6-Dinitrotoluene	µg/L	0.01	< 0.01
SCP 060F	* 2-Chloronaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2-Chlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2-Methylphenol (o-cresol)	µg/L	0.01	< 0.01
SCP 060F	* 2-Methylnaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 2-Nitrophenol	µg/L	0.01	< 0.01
SCP 060F	* 3/4-Methylphenol (m/p cresol)	µg/L	0.01	< 0.01
SCP 060F	* 3-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4,6-Dinitro-2-methylphenol	µg/L	0.01	< 0.01
SCP 060F	* 4-Bromophenyl phenyl ether	µg/L	0.01	< 0.01
SCP 060F	* 4-Chloro-3-methylphenol	µg/L	0.01	< 0.01

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<b>Customer Sample Ref:</b>	21-0291	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33070 (21-10934)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 060F	* 4-Chloroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4-Chlorophenyl phenyl ether	µg/L	0.01	< 0.01
SCP 060F	* 4-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4-Nitrophenol	µg/L	0.01	< 0.01
SCP 060B	Acenaphthene	µg/L	0.005	< 0.005
SCP 060B	Acenaphthylene	µg/L	0.005	< 0.005
SCP 060F	* Aniline	µg/L	0.01	< 0.01
SCP 060B	Anthracene	µg/L	0.005	< 0.005
SCP 060F	* Azobenzene	µg/L	0.01	< 0.01
SCP 060B	Benz(a)anthracene	µg/L	0.005	< 0.005
SCP 060B	Benzo(a)pyrene	µg/L	0.003	< 0.003
SCP 060B	Benzo(b)fluoranthene	µg/L	0.005	< 0.005
SCP 060B	Benzo(ghi)perylene	µg/L	0.005	< 0.005
SCP 060B	Benzo(k)fluoranthene	µg/L	0.005	< 0.005
SCP 060F	* Benzyl alcohol	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-chloroethoxy)methane	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-chloroethyl)ether	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-ethylhexyl)adipate	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-ethylhexyl)phthalate	µg/L	0.01	< 0.01
SCP 060F	* Benzyl butyl phthalate	µg/L	1	< 1
SCP 060F	* Carbazole	µg/L	0.01	< 0.01
SCP 060B	Chrysene	µg/L	0.005	< 0.005
SCP 060B	Dibenz(a,h)anthracene	µg/L	0.005	< 0.005
SCP 060F	* Dibenzofuran	µg/L	0.01	< 0.01
SCP 060F	* Diethylphthalate	µg/L	0.01	< 0.01
SCP 060F	* Dimethylphthalate	µg/L	0.01	< 0.01
SCP 060F	* Di-n-butyl phthalate	µg/L	0.01	0.24
SCP 060F	* Di-n-octyl phthalate	µg/L	0.01	0.61
SCP 060B	Fluoranthene	µg/L	0.005	< 0.005
SCP 060B	Fluorene	µg/L	0.005	< 0.005
SCP 060F	* Hexachlorobenzene	µg/L	0.01	< 0.01
SCP 060F	* Hexachlorobutadiene	µg/L	0.01	< 0.01
SCP 060F	* Hexachlorocyclopentadiene	µg/L	0.01	< 0.01
SCP 060F	* Hexachloroethane	µg/L	0.01	< 0.01
SCP 060B	Indeno(1,2,3-cd)pyrene	µg/L	0.005	< 0.005
SCP 060F	* Isophorone	µg/L	0.01	0.02
SCP 060B	Naphthalene	µg/L	0.005	< 0.005
SCP 060F	* Nitrobenzene	µg/L	1	< 1
SCP 060F	* N-Nitrosodimethylamine	µg/L	0.01	< 0.01
SCP 060F	* N-Nitroso-di-n-propylamine	µg/L	0.01	< 0.01
SCP 060F	* N-Nitrosodiphenylamine	µg/L	0.01	< 0.01

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<b>Customer Sample Ref:</b>	21-0291	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33070 (21-10934)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 060F	* Pentachlorophenol	µg/L	0.01	< 0.01
SCP 060B	Phenanthrene	µg/L	0.005	< 0.005
SCP 060F	* Phenol	µg/L	0.01	< 0.01
SCP 060B	Pyrene	µg/L	0.005	< 0.005
SCP 060F	* Pyridine	µg/L	0.01	< 0.01

Volatile Screen (VOC US EPA 624)

Chemical Analysis: (F)

SCP 114A	1,1,1,2-Tetrachloroethane	µg/L	1	< 1
SCP 114A	* 1,1,1-Trichloroethane	µg/L	1	< 1
SCP 114A	1,1,2,2-Tetrachloroethane	µg/L	1	< 1
SCP 114A	1,1,2-Trichloroethane	µg/L	1	< 1
SCP 114A	1,1-Dichloroethane	µg/L	1	< 1
SCP 114A	1,1-Dichloroethene	µg/L	1	< 1
SCP 114A	1,1-Dichloropropene	µg/L	0.5	< 0.5
SCP 114A	1,2,3-Trichlorobenzene	µg/L	1	< 1
SCP 114A	1,2,3-Trichloropropane	µg/L	1	< 1
SCP 114A	1,2,4-Trimethylbenzene	µg/L	1	< 1
SCP 114A	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	1	< 1
SCP 114A	1,2-Dibromoethane (EDB)	µg/L	1	< 1
SCP 114A	1,2-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	1,3-Dichloropropane	µg/L	1	< 1
SCP 114A	1,3,5-Trimethylbenzene	µg/L	1	< 1
SCP 114A	1,2-Dichloropropane	µg/L	1	< 1
SCP 114A	1,4-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	2,2-Dichloropropane	µg/L	1	< 1
SCP 114A	2-Chlorotoluene	µg/L	1	< 1
SCP 114A	4-Chlorotoluene	µg/L	1	< 1
SCP 114A	Benzene	µg/L	0.1	< 0.1
SCP 114A	Bromobenzene	µg/L	1	< 1
SCP 114A	* Bromochloromethane	µg/L	1	< 1
SCP 114A	Bromodichloromethane	µg/L	1	< 1
SCP 114A	Bromoform	µg/L	1	< 1
SCP 114A	Bromomethane	µg/L	1	< 1
SCP 114A	Carbon tetrachloride	µg/L	1	< 1
SCP 114A	Chlorobenzene	µg/L	1	< 1
SCP 114A	Chloroethane	µg/L	1	< 1
SCP 114A	Chloroform	µg/L	2	< 2
SCP 114A	Chloromethane	µg/L	1	< 1
SCP 114A	cis-1,2-Dichloroethene	µg/L	1	< 1
SCP 114A	cis-1,3-Dichloropropene	µg/L	1	< 1
SCP 114A	Dibromochloromethane	µg/L	1	< 1

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<b>Our Reference:</b>	33070 (21-10934)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 114A	Dibromomethane	µg/L	1	< 1
SCP 114A	* Dichlorodifluoromethane	µg/L	1	< 1
SCP 114A	Ethylbenzene	µg/L	0.5	< 0.5
SCP 114A	Isopropylbenzene	µg/L	1	< 1
SCP 114A	m,p Xylene	µg/L	0.5	< 0.5
SCP 114A	n-Butylbenzene	µg/L	1	< 1
SCP 114A	n-Propylbenzene	µg/L	1	< 1
SCP 114A	o Xylene	µg/L	0.5	< 0.5
SCP 114A	4-Isopropyl toluene (p-Cymene)	µg/L	1	< 1
SCP 114A	sec-Butylbenzene	µg/L	1	< 1
SCP 114A	Styrene	µg/L	1	< 1
SCP 114A	tert-Butylbenzene	µg/L	1	< 1
SCP 114A	Tetrachloroethene	µg/L	0.1	< 0.1
SCP 114A	Toluene	µg/L	0.5	< 0.5
SCP 114A	trans-1,2-Dichloroethene	µg/L	1	< 1
SCP 114A	trans-1,3-Dichloropropene	µg/L	1	< 1
SCP 114A	Trichloroethene	µg/L	0.1	< 0.1
SCP 114A	Trichlorofluoromethane	µg/L	1	< 1
SCP 114A	Vinyl Chloride	µg/L	0.1	< 0.1
SCP 114A	1,2,4-Trichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	1,3-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	Hexachlorobutadiene	µg/L	0.5	< 0.5
SCP 114A	Naphthalene	µg/L	0.5	< 0.5
SCP 114A	1,2-Dichloroethane	µg/L	0.2	< 0.2

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<b>Customer Sample Ref:</b>	21-0292	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33071 (21-10934)	<b>Sample Matrix:</b>	Ground Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
<b><u>Microbiological Analysis: (D)</u></b>				
SMP 019	Coliforms	MPN/100mL	<1	< 1
SMP 124	Faecal coliforms	MPN/100mL	<1	< 1
SMP 019	E. coli	MPN/100mL	<1	< 1
<b><u>Chemical Analysis: (F)</u></b>				
SCP 052	Hydrogen Ion (pH)	pH units	4.0	7.7
SCP 052	Conductivity	µS/cm @ 20 °C	15	465
SCP 015	Biological Oxygen Demand (BOD)	mg/L	1.0	< 1.0
SCP 124D	* Dissolved Methane	mg/L	0.003	< 0.003
SCP 015	* Dissolved Oxygen	mg/L		8.2
SCP 010	Suspended Solids	mg/L	2	< 4
SCP027H	Alkalinity	mg/L as CaCO3	5.0	228.3
SCP 027A	Total Ammonia	mg/L N	0.02	0.02
SCP 027E	Total Oxidised Nitrogen (TON)	mg/L N	0.20	< 0.20
SCP 027B	Chloride	mg/L	0.5	20.4
SCP 027L- Note 6	Cyanide Free	mg/L	0.01	< 0.01
SCP 027D	Sulphate	mg/L	0.5	29.0
SCP 016	Chemical Oxygen Demand (COD)	mg/L	10	< 10
SCP 044	Total Phosphorus	mg/L P	0.04	0.05
SCP 063	Fluoride	mg/L	0.1	< 0.1
SCP 065B	Total Organic Carbon (TOC)	mg/L	0.5	1.0
**2510 B	* Total Dissolved Solids (TDS)	mg/L	5	266
SCP 038 /073	Dissolved Arsenic (As)	µg/L	1.00	< 1.00
SCP 038 /073	Dissolved Boron (B)	µg/L	20.00	24.51
SCP 038 /073	Dissolved Cadmium (Cd)	µg/L	0.45	< 0.45
SCP 038 /073	Dissolved Chromium (Cr)	µg/L	1.00	2.35
SCP 038 /073	Dissolved Copper (Cu)	µg/L	1.00	17.60
SCP 038 /073	Dissolved Iron (Fe)	µg/L	5.00	23.47
SCP 038 /073	Dissolved Lead (Pb)	µg/L	1.00	< 1.00
SCP 038 /073	Dissolved Manganese (Mn)	µg/L	1.00	8.34
SCP 038 /073	Dissolved Mercury (Hg)	µg/L	0.50	< 0.50
SCP 038 /073	Dissolved Nickel (Ni)	µg/L	1.00	2.55
SCP 038 /073	Dissolved Zinc (Zn)	µg/L	5.00	10.99
SCP 131A	2,4-D	µg/L	0.005	< 0.005
SCP 131A	Dichlorprop (24DP)	µg/L	0.005	< 0.005
SCP 131A	MCPA	µg/L	0.005	< 0.005
SCP 131A	MCP (Mecoprop)	µg/L	0.005	< 0.005
SCP 131C	Atrazine	µg/L	0.005	< 0.005
SCP 053	Calcium-Dissolved	mg/L	10.0	67

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<b>Customer Sample Ref:</b>	21-0292	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33071 (21-10934)	<b>Sample Matrix:</b>	Ground Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 053	Magnesium-Dissolved	mg/L	10.0	< 10
SCP 053	Potassium-Dissolved	mg/L	10.0	< 10
SCP 131C	Simazine	µg/L	0.005	< 0.005
SCP 053	Sodium-Dissolved	mg/L	10.0	16
SCP 060G	* Tributyl tin (TBT)	µg/L	0.05	< 0.05
<u>PAH's Water (default)</u>				
<b>Chemical Analysis: (F)</b>				
SCP 060B	Total PAH's (sum of 16)	µg/L	0.378	< 0.378
SCP 060B	Sum Benzo (b)&(k) fluoranthene	µg/L	0.005	< 0.05
<u>Semi-Volatile Screen (sVOC US EPA 625)</u>				
<b>Chemical Analysis: (F)</b>				
SCP 060F	* 1,2,4-Trichlorobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,2-Dichlorobenzene (95-50-1)	µg/L	0.01	< 0.01
SCP 060F	* 1,2-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,3-Dichlorobenzene (541-73-1)	µg/L	0.01	< 0.01
SCP 060F	* 1,3-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,4-Dichlorobenzene (106-46-7)	µg/L	0.01	< 0.01
SCP 060F	* 1,4-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1-Methylnaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2,2'-Oxybis(1-chloropropane)	µg/L	0.01	< 0.01
SCP 060F	* 2,3,4,6-Tetrachlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,3,5,6-Tetrachlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4,5-Trichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4,6-Trichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dimethylphenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dinitrophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dinitrotoluene	µg/L	0.01	< 0.01
SCP 060F	* 2,6-Dinitrotoluene	µg/L	0.01	< 0.01
SCP 060F	* 2-Chloronaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2-Chlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2-Methylphenol (o-cresol)	µg/L	0.01	< 0.01
SCP 060F	* 2-Methylnaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 2-Nitrophenol	µg/L	0.01	< 0.01
SCP 060F	* 3/4-Methylphenol (m/p cresol)	µg/L	0.01	< 0.01
SCP 060F	* 3-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4,6-Dinitro-2-methylphenol	µg/L	0.01	< 0.01
SCP 060F	* 4-Bromophenyl phenyl ether	µg/L	0.01	< 0.01
SCP 060F	* 4-Chloro-3-methylphenol	µg/L	0.01	< 0.01

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<b>Customer Sample Ref:</b>	21-0292	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33071 (21-10934)	<b>Sample Matrix:</b>	Ground Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 060F	* 4-Chloroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4-Chlorophenyl phenyl ether	µg/L	0.01	< 0.01
SCP 060F	* 4-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4-Nitrophenol	µg/L	0.01	< 0.01
SCP 060B	Acenaphthene	µg/L	0.005	< 0.005
SCP 060B	Acenaphthylene	µg/L	0.005	< 0.005
SCP 060F	* Aniline	µg/L	0.01	< 0.01
SCP 060B	Anthracene	µg/L	0.005	< 0.005
SCP 060F	* Azobenzene	µg/L	0.01	< 0.01
SCP 060B	Benz(a)anthracene	µg/L	0.005	< 0.005
SCP 060B	Benzo(a)pyrene	µg/L	0.003	< 0.003
SCP 060B	Benzo(b)fluoranthene	µg/L	0.005	< 0.005
SCP 060B	Benzo(ghi)perylene	µg/L	0.005	< 0.005
SCP 060B	Benzo(k)fluoranthene	µg/L	0.005	< 0.005
SCP 060F	* Benzyl alcohol	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-chloroethoxy)methane	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-chloroethyl)ether	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-ethylhexyl)adipate	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-ethylhexyl)phthalate	µg/L	0.01	< 0.01
SCP 060F	* Benzyl butyl phthalate	µg/L	1	< 1
SCP 060F	* Carbazole	µg/L	0.01	< 0.01
SCP 060B	Chrysene	µg/L	0.005	< 0.005
SCP 060B	Dibenz(a,h)anthracene	µg/L	0.005	< 0.005
SCP 060F	* Dibenzofuran	µg/L	0.01	< 0.01
SCP 060F	* Diethylphthalate	µg/L	0.01	< 0.01
SCP 060F	* Dimethylphthalate	µg/L	0.01	< 0.01
SCP 060F	* Di-n-butyl phthalate	µg/L	0.01	< 0.01
SCP 060F	* Di-n-octyl phthalate	µg/L	0.01	0.08
SCP 060B	Fluoranthene	µg/L	0.005	< 0.005
SCP 060B	Fluorene	µg/L	0.005	< 0.005
SCP 060F	* Hexachlorobenzene	µg/L	0.01	< 0.01
SCP 060F	* Hexachlorobutadiene	µg/L	0.01	< 0.01
SCP 060F	* Hexachlorocyclopentadiene	µg/L	0.01	< 0.01
SCP 060F	* Hexachloroethane	µg/L	0.01	< 0.01
SCP 060B	Indeno(1,2,3-cd)pyrene	µg/L	0.005	< 0.005
SCP 060F	* Isophorone	µg/L	0.01	< 0.01
SCP 060B	Naphthalene	µg/L	0.005	< 0.005
SCP 060F	* Nitrobenzene	µg/L	1	< 1
SCP 060F	* N-Nitrosodimethylamine	µg/L	0.01	< 0.01
SCP 060F	* N-Nitroso-di-n-propylamine	µg/L	0.01	< 0.01
SCP 060F	* N-Nitrosodiphenylamine	µg/L	0.01	< 0.01

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<b>Customer Sample Ref:</b>	21-0292	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33071 (21-10934)	<b>Sample Matrix:</b>	Ground Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 060F	* Pentachlorophenol	µg/L	0.01	< 0.01
SCP 060B	Phenanthrene	µg/L	0.005	< 0.005
SCP 060F	* Phenol	µg/L	0.01	< 0.01
SCP 060B	Pyrene	µg/L	0.005	< 0.005
SCP 060F	* Pyridine	µg/L	0.01	< 0.01

Volatile Screen (VOC US EPA 624)

Chemical Analysis: (F)

SCP 114A	1,1,1,2-Tetrachloroethane	µg/L	1	< 1
SCP 114A	* 1,1,1-Trichloroethane	µg/L	1	< 1
SCP 114A	1,1,2,2-Tetrachloroethane	µg/L	1	< 1
SCP 114A	1,1,2-Trichloroethane	µg/L	1	< 1
SCP 114A	1,1-Dichloroethane	µg/L	1	< 1
SCP 114A	1,1-Dichloroethene	µg/L	1	< 1
SCP 114A	1,1-Dichloropropene	µg/L	0.5	< 0.5
SCP 114A	1,2,3-Trichlorobenzene	µg/L	1	< 1
SCP 114A	1,2,3-Trichloropropane	µg/L	1	< 1
SCP 114A	1,2,4-Trimethylbenzene	µg/L	1	< 1
SCP 114A	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	1	< 1
SCP 114A	1,2-Dibromoethane (EDB)	µg/L	1	< 1
SCP 114A	1,2-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	1,3-Dichloropropane	µg/L	1	< 1
SCP 114A	1,3,5-Trimethylbenzene	µg/L	1	< 1
SCP 114A	1,2-Dichloropropane	µg/L	1	< 1
SCP 114A	1,4-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	2,2-Dichloropropane	µg/L	1	< 1
SCP 114A	2-Chlorotoluene	µg/L	1	< 1
SCP 114A	4-Chlorotoluene	µg/L	1	< 1
SCP 114A	Benzene	µg/L	0.1	< 0.1
SCP 114A	Bromobenzene	µg/L	1	< 1
SCP 114A	* Bromochloromethane	µg/L	1	< 1
SCP 114A	Bromodichloromethane	µg/L	1	< 1
SCP 114A	Bromoform	µg/L	1	< 1
SCP 114A	Bromomethane	µg/L	1	< 1
SCP 114A	Carbon tetrachloride	µg/L	1	< 1
SCP 114A	Chlorobenzene	µg/L	1	< 1
SCP 114A	Chloroethane	µg/L	1	< 1
SCP 114A	Chloroform	µg/L	2	< 2
SCP 114A	Chloromethane	µg/L	1	< 1
SCP 114A	cis-1,2-Dichloroethene	µg/L	1	< 1
SCP 114A	cis-1,3-Dichloropropene	µg/L	1	< 1
SCP 114A	Dibromochloromethane	µg/L	1	< 1

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<b>Customer Sample Ref:</b>	21-0292	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33071 (21-10934)	<b>Sample Matrix:</b>	Ground Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 114A	Dibromomethane	µg/L	1	< 1
SCP 114A	* Dichlorodifluoromethane	µg/L	1	< 1
SCP 114A	Ethylbenzene	µg/L	0.5	< 0.5
SCP 114A	Isopropylbenzene	µg/L	1	< 1
SCP 114A	m,p Xylene	µg/L	0.5	< 0.5
SCP 114A	n-Butylbenzene	µg/L	1	< 1
SCP 114A	n-Propylbenzene	µg/L	1	< 1
SCP 114A	o Xylene	µg/L	0.5	< 0.5
SCP 114A	4-Isopropyl toluene (p-Cymene)	µg/L	1	< 1
SCP 114A	sec-Butylbenzene	µg/L	1	< 1
SCP 114A	Styrene	µg/L	1	< 1
SCP 114A	tert-Butylbenzene	µg/L	1	< 1
SCP 114A	Tetrachloroethene	µg/L	0.1	< 0.1
SCP 114A	Toluene	µg/L	0.5	< 0.5
SCP 114A	trans-1,2-Dichloroethene	µg/L	1	< 1
SCP 114A	trans-1,3-Dichloropropene	µg/L	1	< 1
SCP 114A	Trichloroethene	µg/L	0.1	< 0.1
SCP 114A	Trichlorofluoromethane	µg/L	1	< 1
SCP 114A	Vinyl Chloride	µg/L	0.1	< 0.1
SCP 114A	1,2,4-Trichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	1,3-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	Hexachlorobutadiene	µg/L	0.5	< 0.5
SCP 114A	Naphthalene	µg/L	0.5	< 0.5
SCP 114A	1,2-Dichloroethane	µg/L	0.2	< 0.2

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<b>Customer Sample Ref:</b>	21-0293	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33072 (21-10934)	<b>Sample Matrix:</b>	Ground Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
<b><u>Microbiological Analysis: (D)</u></b>				
SMP 019	Coliforms	MPN/100mL	<1	< 1
SMP 124	Faecal coliforms	MPN/100mL	<1	< 1
SMP 019	E. coli	MPN/100mL	<1	< 1
<b><u>Chemical Analysis: (F)</u></b>				
SCP 052	Hydrogen Ion (pH)	pH units	4.0	7.3
SCP 052	Conductivity	µS/cm @ 20 °C	15	581
SCP 015	Biological Oxygen Demand (BOD)	mg/L	1.0	1.3
SCP 124D	* Dissolved Methane	mg/L	0.003	< 0.003
SCP 015	* Dissolved Oxygen	mg/L		6.4
SCP 010	Suspended Solids	mg/L	2	17
SCP027H	Alkalinity	mg/L as CaCO3	5.0	327.9
SCP 027A	Total Ammonia	mg/L N	0.02	3.18
SCP 027E	Total Oxidised Nitrogen (TON)	mg/L N	0.20	< 0.20
SCP 027B	Chloride	mg/L	0.5	22.6
SCP 027L- Note 6	Cyanide Free	mg/L	0.01	< 0.01
SCP 027D	Sulphate	mg/L	0.5	7.3
SCP 016	Chemical Oxygen Demand (COD)	mg/L	10	< 10
SCP 044	Total Phosphorus	mg/L P	0.04	0.15
SCP 063	Fluoride	mg/L	0.1	0.1
SCP 065B	Total Organic Carbon (TOC)	mg/L	0.5	3.8
**2510 B	* Total Dissolved Solids (TDS)	mg/L	5	335
SCP 038 /073	Dissolved Arsenic (As)	µg/L	1.00	6.78
SCP 038 /073	Dissolved Boron (B)	µg/L	20.00	23.77
SCP 038 /073	Dissolved Cadmium (Cd)	µg/L	0.45	< 0.45
SCP 038 /073	Dissolved Chromium (Cr)	µg/L	1.00	2.37
SCP 038 /073	Dissolved Copper (Cu)	µg/L	1.00	2.22
SCP 038 /073	Dissolved Iron (Fe)	µg/L	5.00	9.47
SCP 038 /073	Dissolved Lead (Pb)	µg/L	1.00	< 1.00
SCP 038 /073	Dissolved Manganese (Mn)	µg/L	1.00	781.01
SCP 038 /073	Dissolved Mercury (Hg)	µg/L	0.50	< 0.50
SCP 038 /073	Dissolved Nickel (Ni)	µg/L	1.00	3.03
SCP 038 /073	Dissolved Zinc (Zn)	µg/L	5.00	6.02
SCP 131A	2,4-D	µg/L	0.005	< 0.005
SCP 131A	Dichlorprop (24DP)	µg/L	0.005	< 0.005
SCP 131A	MCPA	µg/L	0.005	< 0.005
SCP 131A	MCP (Mecoprop)	µg/L	0.005	< 0.005
SCP 131C	Atrazine	µg/L	0.005	< 0.005
SCP 053	Calcium-Dissolved	mg/L	10.0	94

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<b>Customer Sample Ref:</b>	21-0293	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33072 (21-10934)	<b>Sample Matrix:</b>	Ground Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 053	Magnesium-Dissolved	mg/L	10.0	< 10
SCP 053	Potassium-Dissolved	mg/L	10.0	< 10
SCP 131C	Simazine	µg/L	0.005	< 0.005
SCP 053	Sodium-Dissolved	mg/L	10.0	15
SCP 060G	* Tributyl tin (TBT)	µg/L	0.05	< 0.05
<u>PAH's Water (default)</u>				
<b>Chemical Analysis: (F)</b>				
SCP 060B	Total PAH's (sum of 16)	µg/L	0.378	< 0.378
SCP 060B	Sum Benzo (b)&(k) fluoranthene	µg/L	0.005	< 0.05
<u>Semi-Volatile Screen (sVOC US EPA 625)</u>				
<b>Chemical Analysis: (F)</b>				
SCP 060F	* 1,2,4-Trichlorobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,2-Dichlorobenzene (95-50-1)	µg/L	0.01	< 0.01
SCP 060F	* 1,2-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,3-Dichlorobenzene (541-73-1)	µg/L	0.01	< 0.01
SCP 060F	* 1,3-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,4-Dichlorobenzene (106-46-7)	µg/L	0.01	< 0.01
SCP 060F	* 1,4-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1-Methylnaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2,2'-Oxybis(1-chloropropane)	µg/L	0.01	< 0.01
SCP 060F	* 2,3,4,6-Tetrachlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,3,5,6-Tetrachlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4,5-Trichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4,6-Trichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dimethylphenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dinitrophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dinitrotoluene	µg/L	0.01	< 0.01
SCP 060F	* 2,6-Dinitrotoluene	µg/L	0.01	< 0.01
SCP 060F	* 2-Chloronaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2-Chlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2-Methylphenol (o-cresol)	µg/L	0.01	< 0.01
SCP 060F	* 2-Methylnaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 2-Nitrophenol	µg/L	0.01	< 0.01
SCP 060F	* 3/4-Methylphenol (m/p cresol)	µg/L	0.01	< 0.01
SCP 060F	* 3-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4,6-Dinitro-2-methylphenol	µg/L	0.01	< 0.01
SCP 060F	* 4-Bromophenyl phenyl ether	µg/L	0.01	< 0.01
SCP 060F	* 4-Chloro-3-methylphenol	µg/L	0.01	< 0.01

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<b>Customer Sample Ref:</b>	21-0293	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33072 (21-10934)	<b>Sample Matrix:</b>	Ground Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 060F	* 4-Chloroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4-Chlorophenyl phenyl ether	µg/L	0.01	< 0.01
SCP 060F	* 4-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4-Nitrophenol	µg/L	0.01	< 0.01
SCP 060B	Acenaphthene	µg/L	0.005	< 0.005
SCP 060B	Acenaphthylene	µg/L	0.005	< 0.005
SCP 060F	* Aniline	µg/L	0.01	< 0.01
SCP 060B	Anthracene	µg/L	0.005	< 0.005
SCP 060F	* Azobenzene	µg/L	0.01	< 0.01
SCP 060B	Benz(a)anthracene	µg/L	0.005	< 0.005
SCP 060B	Benzo(a)pyrene	µg/L	0.003	< 0.003
SCP 060B	Benzo(b)fluoranthene	µg/L	0.005	< 0.005
SCP 060B	Benzo(ghi)perylene	µg/L	0.005	< 0.005
SCP 060B	Benzo(k)fluoranthene	µg/L	0.005	< 0.005
SCP 060F	* Benzyl alcohol	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-chloroethoxy)methane	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-chloroethyl)ether	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-ethylhexyl)adipate	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-ethylhexyl)phthalate	µg/L	0.01	< 0.01
SCP 060F	* Benzyl butyl phthalate	µg/L	1	< 1
SCP 060F	* Carbazole	µg/L	0.01	< 0.01
SCP 060B	Chrysene	µg/L	0.005	< 0.005
SCP 060B	Dibenz(a,h)anthracene	µg/L	0.005	< 0.005
SCP 060F	* Dibenzofuran	µg/L	0.01	< 0.01
SCP 060F	* Diethylphthalate	µg/L	0.01	< 0.01
SCP 060F	* Dimethylphthalate	µg/L	0.01	< 0.01
SCP 060F	* Di-n-butyl phthalate	µg/L	0.01	< 0.01
SCP 060F	* Di-n-octyl phthalate	µg/L	0.01	10.55
SCP 060B	Fluoranthene	µg/L	0.005	< 0.005
SCP 060B	Fluorene	µg/L	0.005	< 0.005
SCP 060F	* Hexachlorobenzene	µg/L	0.01	< 0.01
SCP 060F	* Hexachlorobutadiene	µg/L	0.01	< 0.01
SCP 060F	* Hexachlorocyclopentadiene	µg/L	0.01	< 0.01
SCP 060F	* Hexachloroethane	µg/L	0.01	< 0.01
SCP 060B	Indeno(1,2,3-cd)pyrene	µg/L	0.005	< 0.005
SCP 060F	* Isophorone	µg/L	0.01	< 0.01
SCP 060B	Naphthalene	µg/L	0.005	< 0.005
SCP 060F	* Nitrobenzene	µg/L	1	< 1
SCP 060F	* N-Nitrosodimethylamine	µg/L	0.01	< 0.01
SCP 060F	* N-Nitroso-di-n-propylamine	µg/L	0.01	< 0.01
SCP 060F	* N-Nitrosodiphenylamine	µg/L	0.01	< 0.01

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<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33072 (21-10934)	<b>Sample Matrix:</b>	Ground Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 060F	* Pentachlorophenol	µg/L	0.01	< 0.01
SCP 060B	Phenanthrene	µg/L	0.005	< 0.005
SCP 060F	* Phenol	µg/L	0.01	< 0.01
SCP 060B	Pyrene	µg/L	0.005	< 0.005
SCP 060F	* Pyridine	µg/L	0.01	< 0.01

Volatile Screen (VOC US EPA 624)

Chemical Analysis: (F)

SCP 114A	1,1,1,2-Tetrachloroethane	µg/L	1	< 1
SCP 114A	* 1,1,1-Trichloroethane	µg/L	1	< 1
SCP 114A	1,1,2,2-Tetrachloroethane	µg/L	1	< 1
SCP 114A	1,1,2-Trichloroethane	µg/L	1	< 1
SCP 114A	1,1-Dichloroethane	µg/L	1	< 1
SCP 114A	1,1-Dichloroethene	µg/L	1	< 1
SCP 114A	1,1-Dichloropropene	µg/L	0.5	< 0.5
SCP 114A	1,2,3-Trichlorobenzene	µg/L	1	< 1
SCP 114A	1,2,3-Trichloropropane	µg/L	1	< 1
SCP 114A	1,2,4-Trimethylbenzene	µg/L	1	< 1
SCP 114A	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	1	< 1
SCP 114A	1,2-Dibromoethane (EDB)	µg/L	1	< 1
SCP 114A	1,2-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	1,3-Dichloropropane	µg/L	1	< 1
SCP 114A	1,3,5-Trimethylbenzene	µg/L	1	< 1
SCP 114A	1,2-Dichloropropane	µg/L	1	< 1
SCP 114A	1,4-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	2,2-Dichloropropane	µg/L	1	< 1
SCP 114A	2-Chlorotoluene	µg/L	1	< 1
SCP 114A	4-Chlorotoluene	µg/L	1	< 1
SCP 114A	Benzene	µg/L	0.1	< 0.1
SCP 114A	Bromobenzene	µg/L	1	< 1
SCP 114A	* Bromochloromethane	µg/L	1	< 1
SCP 114A	Bromodichloromethane	µg/L	1	< 1
SCP 114A	Bromoform	µg/L	1	< 1
SCP 114A	Bromomethane	µg/L	1	< 1
SCP 114A	Carbon tetrachloride	µg/L	1	< 1
SCP 114A	Chlorobenzene	µg/L	1	< 1
SCP 114A	Chloroethane	µg/L	1	< 1
SCP 114A	Chloroform	µg/L	2	< 2
SCP 114A	Chloromethane	µg/L	1	< 1
SCP 114A	cis-1,2-Dichloroethene	µg/L	1	< 1
SCP 114A	cis-1,3-Dichloropropene	µg/L	1	< 1
SCP 114A	Dibromochloromethane	µg/L	1	< 1

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<b>Customer Sample Ref:</b>	21-0293	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33072 (21-10934)	<b>Sample Matrix:</b>	Ground Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 114A	Dibromomethane	µg/L	1	< 1
SCP 114A	* Dichlorodifluoromethane	µg/L	1	< 1
SCP 114A	Ethylbenzene	µg/L	0.5	< 0.5
SCP 114A	Isopropylbenzene	µg/L	1	< 1
SCP 114A	m,p Xylene	µg/L	0.5	< 0.5
SCP 114A	n-Butylbenzene	µg/L	1	< 1
SCP 114A	n-Propylbenzene	µg/L	1	< 1
SCP 114A	o Xylene	µg/L	0.5	< 0.5
SCP 114A	4-Isopropyl toluene (p-Cymene)	µg/L	1	< 1
SCP 114A	sec-Butylbenzene	µg/L	1	< 1
SCP 114A	Styrene	µg/L	1	< 1
SCP 114A	tert-Butylbenzene	µg/L	1	< 1
SCP 114A	Tetrachloroethene	µg/L	0.1	< 0.1
SCP 114A	Toluene	µg/L	0.5	< 0.5
SCP 114A	trans-1,2-Dichloroethene	µg/L	1	< 1
SCP 114A	trans-1,3-Dichloropropene	µg/L	1	< 1
SCP 114A	Trichloroethene	µg/L	0.1	< 0.1
SCP 114A	Trichlorofluoromethane	µg/L	1	< 1
SCP 114A	Vinyl Chloride	µg/L	0.1	< 0.1
SCP 114A	1,2,4-Trichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	1,3-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	Hexachlorobutadiene	µg/L	0.5	< 0.5
SCP 114A	Naphthalene	µg/L	0.5	< 0.5
SCP 114A	1,2-Dichloroethane	µg/L	0.2	< 0.2

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directors: K. Murphy, M. Murphy & C. Murphy  
 registered in ireland no 323196 | vat reg no IE 6343196 M





<b>Customer Sample Ref:</b>	21-0294	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33073 (21-10934)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
<b><u>Microbiological Analysis: (D)</u></b>				
SMP 019	Coliforms	MPN/100mL	<1	> 201
SMP 124	Faecal coliforms	MPN/100mL	<1	205
SMP 019	E. coli	MPN/100mL	<1	7
<b><u>Chemical Analysis: (F)</u></b>				
SCP 052	Hydrogen Ion (pH)	pH units	4.0	7.5
SCP 052	Conductivity	µS/cm @ 20 °C	15	410
SCP 015	Biological Oxygen Demand (BOD)	mg/L	1.0	2.2
SCP 124D	* Dissolved Methane	mg/L	0.003	< 0.003
SCP 015	* Dissolved Oxygen	mg/L		8.1
SCP 010	Suspended Solids	mg/L	2	< 10
SCP027H	Alkalinity	mg/L as CaCO3	5.0	212.3
SCP 027A	Total Ammonia	mg/L N	0.02	0.34
SCP 027E	Total Oxidised Nitrogen (TON)	mg/L N	0.20	1.04
SCP 027B	Chloride	mg/L	0.5	17.2
SCP 027L- Note 6	Cyanide Free	mg/L	0.01	< 0.01
SCP 027D	Sulphate	mg/L	0.5	11.3
SCP 016	Chemical Oxygen Demand (COD)	mg/L	10	29
SCP 044	Total Phosphorus	mg/L P	0.04	0.15
SCP 063	Fluoride	mg/L	0.1	< 0.1
SCP 065B	Total Organic Carbon (TOC)	mg/L	0.5	14.7
**2510 B	* Total Dissolved Solids (TDS)	mg/L	5	234
SCP 038 /073	Dissolved Arsenic (As)	µg/L	1.00	1.30
SCP 038 /073	Dissolved Boron (B)	µg/L	20.00	< 20.00
SCP 038 /073	Dissolved Cadmium (Cd)	µg/L	0.45	< 0.45
SCP 038 /073	Dissolved Chromium (Cr)	µg/L	1.00	2.19
SCP 038 /073	Dissolved Copper (Cu)	µg/L	1.00	6.16
SCP 038 /073	Dissolved Iron (Fe)	µg/L	5.00	179.33
SCP 038 /073	Dissolved Lead (Pb)	µg/L	1.00	< 1.00
SCP 038 /073	Dissolved Manganese (Mn)	µg/L	1.00	120.68
SCP 038 /073	Dissolved Mercury (Hg)	µg/L	0.50	< 0.50
SCP 038 /073	Dissolved Nickel (Ni)	µg/L	1.00	3.43
SCP 038 /073	Dissolved Zinc (Zn)	µg/L	5.00	< 5.00
SCP 131A	2,4-D	µg/L	0.005	< 0.005
SCP 131A	Dichlorprop (24DP)	µg/L	0.005	< 0.005
SCP 131A	MCPA	µg/L	0.005	< 0.005
SCP 131A	MCP (Mecoprop)	µg/L	0.005	< 0.005
SCP 131C	Atrazine	µg/L	0.005	< 0.005
SCP 053	Calcium-Dissolved	mg/L	10.0	71

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<b>Customer Sample Ref:</b>	21-0294	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33073 (21-10934)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 053	Magnesium-Dissolved	mg/L	10.0	< 10
SCP 053	Potassium-Dissolved	mg/L	10.0	< 10
SCP 131C	Simazine	µg/L	0.005	< 0.005
SCP 053	Sodium-Dissolved	mg/L	10.0	< 10
SCP 060G	* Tributyl tin (TBT)	µg/L	0.05	< 0.05
<b>PAH's Water (default)</b>				
<b>Chemical Analysis: (F)</b>				
SCP 060B	Total PAH's (sum of 16)	µg/L	0.378	< 0.378
SCP 060B	Sum Benzo (b)&(k) fluoranthene	µg/L	0.005	< 0.05
<b>Semi-Volatile Screen (sVOC US EPA 625)</b>				
<b>Chemical Analysis: (F)</b>				
SCP 060F	* 1,2,4-Trichlorobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,2-Dichlorobenzene (95-50-1)	µg/L	0.01	< 0.01
SCP 060F	* 1,2-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,3-Dichlorobenzene (541-73-1)	µg/L	0.01	< 0.01
SCP 060F	* 1,3-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,4-Dichlorobenzene (106-46-7)	µg/L	0.01	< 0.01
SCP 060F	* 1,4-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1-Methylnaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2,2'-Oxybis(1-chloropropane)	µg/L	0.01	< 0.01
SCP 060F	* 2,3,4,6-Tetrachlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,3,5,6-Tetrachlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4,5-Trichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4,6-Trichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dimethylphenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dinitrophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dinitrotoluene	µg/L	0.01	< 0.01
SCP 060F	* 2,6-Dinitrotoluene	µg/L	0.01	< 0.01
SCP 060F	* 2-Chloronaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2-Chlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2-Methylphenol (o-cresol)	µg/L	0.01	< 0.01
SCP 060F	* 2-Methylnaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 2-Nitrophenol	µg/L	0.01	< 0.01
SCP 060F	* 3/4-Methylphenol (m/p cresol)	µg/L	0.01	< 0.01
SCP 060F	* 3-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4,6-Dinitro-2-methylphenol	µg/L	0.01	< 0.01
SCP 060F	* 4-Bromophenyl phenyl ether	µg/L	0.01	< 0.01
SCP 060F	* 4-Chloro-3-methylphenol	µg/L	0.01	< 0.01

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<b>Customer Sample Ref:</b>	21-0294	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33073 (21-10934)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 060F	* 4-Chloroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4-Chlorophenyl phenyl ether	µg/L	0.01	< 0.01
SCP 060F	* 4-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4-Nitrophenol	µg/L	0.01	< 0.01
SCP 060B	Acenaphthene	µg/L	0.005	< 0.005
SCP 060B	Acenaphthylene	µg/L	0.005	< 0.005
SCP 060F	* Aniline	µg/L	0.01	< 0.01
SCP 060B	Anthracene	µg/L	0.005	< 0.005
SCP 060F	* Azobenzene	µg/L	0.01	< 0.01
SCP 060B	Benz(a)anthracene	µg/L	0.005	< 0.005
SCP 060B	Benzo(a)pyrene	µg/L	0.003	< 0.003
SCP 060B	Benzo(b)fluoranthene	µg/L	0.005	< 0.005
SCP 060B	Benzo(ghi)perylene	µg/L	0.005	< 0.005
SCP 060B	Benzo(k)fluoranthene	µg/L	0.005	< 0.005
SCP 060F	* Benzyl alcohol	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-chloroethoxy)methane	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-chloroethyl)ether	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-ethylhexyl)adipate	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-ethylhexyl)phthalate	µg/L	0.01	< 0.01
SCP 060F	* Benzyl butyl phthalate	µg/L	1	< 1
SCP 060F	* Carbazole	µg/L	0.01	< 0.01
SCP 060B	Chrysene	µg/L	0.005	< 0.005
SCP 060B	Dibenz(a,h)anthracene	µg/L	0.005	< 0.005
SCP 060F	* Dibenzofuran	µg/L	0.01	< 0.01
SCP 060F	* Diethylphthalate	µg/L	0.01	< 0.01
SCP 060F	* Dimethylphthalate	µg/L	0.01	< 0.01
SCP 060F	* Di-n-butyl phthalate	µg/L	0.01	< 0.01
SCP 060F	* Di-n-octyl phthalate	µg/L	0.01	1.83
SCP 060B	Fluoranthene	µg/L	0.005	< 0.005
SCP 060B	Fluorene	µg/L	0.005	< 0.005
SCP 060F	* Hexachlorobenzene	µg/L	0.01	< 0.01
SCP 060F	* Hexachlorobutadiene	µg/L	0.01	< 0.01
SCP 060F	* Hexachlorocyclopentadiene	µg/L	0.01	< 0.01
SCP 060F	* Hexachloroethane	µg/L	0.01	< 0.01
SCP 060B	Indeno(1,2,3-cd)pyrene	µg/L	0.005	< 0.005
SCP 060F	* Isophorone	µg/L	0.01	< 0.01
SCP 060B	Naphthalene	µg/L	0.005	< 0.005
SCP 060F	* Nitrobenzene	µg/L	1	< 1
SCP 060F	* N-Nitrosodimethylamine	µg/L	0.01	< 0.01
SCP 060F	* N-Nitroso-di-n-propylamine	µg/L	0.01	< 0.01
SCP 060F	* N-Nitrosodiphenylamine	µg/L	0.01	< 0.01

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<b>Customer Sample Ref:</b>	21-0294	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33073 (21-10934)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 060F	* Pentachlorophenol	µg/L	0.01	< 0.01
SCP 060B	Phenanthrene	µg/L	0.005	< 0.005
SCP 060F	* Phenol	µg/L	0.01	< 0.01
SCP 060B	Pyrene	µg/L	0.005	< 0.005
SCP 060F	* Pyridine	µg/L	0.01	< 0.01

Volatile Screen (VOC US EPA 624)

Chemical Analysis: (F)

SCP 114A	1,1,1,2-Tetrachloroethane	µg/L	1	< 1
SCP 114A	* 1,1,1-Trichloroethane	µg/L	1	< 1
SCP 114A	1,1,2,2-Tetrachloroethane	µg/L	1	< 1
SCP 114A	1,1,2-Trichloroethane	µg/L	1	< 1
SCP 114A	1,1-Dichloroethane	µg/L	1	< 1
SCP 114A	1,1-Dichloroethene	µg/L	1	< 1
SCP 114A	1,1-Dichloropropene	µg/L	0.5	< 0.5
SCP 114A	1,2,3-Trichlorobenzene	µg/L	1	< 1
SCP 114A	1,2,3-Trichloropropane	µg/L	1	< 1
SCP 114A	1,2,4-Trimethylbenzene	µg/L	1	< 1
SCP 114A	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	1	< 1
SCP 114A	1,2-Dibromoethane (EDB)	µg/L	1	< 1
SCP 114A	1,2-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	1,3-Dichloropropane	µg/L	1	< 1
SCP 114A	1,3,5-Trimethylbenzene	µg/L	1	< 1
SCP 114A	1,2-Dichloropropane	µg/L	1	< 1
SCP 114A	1,4-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	2,2-Dichloropropane	µg/L	1	< 1
SCP 114A	2-Chlorotoluene	µg/L	1	< 1
SCP 114A	4-Chlorotoluene	µg/L	1	< 1
SCP 114A	Benzene	µg/L	0.1	< 0.1
SCP 114A	Bromobenzene	µg/L	1	< 1
SCP 114A	* Bromochloromethane	µg/L	1	< 1
SCP 114A	Bromodichloromethane	µg/L	1	< 1
SCP 114A	Bromoform	µg/L	1	< 1
SCP 114A	Bromomethane	µg/L	1	< 1
SCP 114A	Carbon tetrachloride	µg/L	1	< 1
SCP 114A	Chlorobenzene	µg/L	1	< 1
SCP 114A	Chloroethane	µg/L	1	< 1
SCP 114A	Chloroform	µg/L	2	< 2
SCP 114A	Chloromethane	µg/L	1	< 1
SCP 114A	cis-1,2-Dichloroethene	µg/L	1	< 1
SCP 114A	cis-1,3-Dichloropropene	µg/L	1	< 1
SCP 114A	Dibromochloromethane	µg/L	1	< 1

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<b>Customer Sample Ref:</b>	21-0294	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	33073 (21-10934)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/03/2021	<b>Time Sampled:</b>	:

Method:	Parameter:	Units	LOQ	Result
SCP 114A	Dibromomethane	µg/L	1	< 1
SCP 114A	* Dichlorodifluoromethane	µg/L	1	< 1
SCP 114A	Ethylbenzene	µg/L	0.5	< 0.5
SCP 114A	Isopropylbenzene	µg/L	1	< 1
SCP 114A	m,p Xylene	µg/L	0.5	< 0.5
SCP 114A	n-Butylbenzene	µg/L	1	< 1
SCP 114A	n-Propylbenzene	µg/L	1	< 1
SCP 114A	o Xylene	µg/L	0.5	< 0.5
SCP 114A	4-Isopropyl toluene (p-Cymene)	µg/L	1	< 1
SCP 114A	sec-Butylbenzene	µg/L	1	< 1
SCP 114A	Styrene	µg/L	1	< 1
SCP 114A	tert-Butylbenzene	µg/L	1	< 1
SCP 114A	Tetrachloroethene	µg/L	0.1	< 0.1
SCP 114A	Toluene	µg/L	0.5	< 0.5
SCP 114A	trans-1,2-Dichloroethene	µg/L	1	< 1
SCP 114A	trans-1,3-Dichloropropene	µg/L	1	< 1
SCP 114A	Trichloroethene	µg/L	0.1	< 0.1
SCP 114A	Trichlorofluoromethane	µg/L	1	< 1
SCP 114A	Vinyl Chloride	µg/L	0.1	< 0.1
SCP 114A	1,2,4-Trichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	1,3-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	Hexachlorobutadiene	µg/L	0.5	< 0.5
SCP 114A	Naphthalene	µg/L	0.5	< 0.5
SCP 114A	1,2-Dichloroethane	µg/L	0.2	< 0.2

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## Certificate of Analysis

<b>Customer:</b>	Clare County Council	<b>Project:</b>	Analysis of Surface & Ground Waters
<b>Address:</b>	Clare County Council New Rd., Ennis	<b>Date Received:</b>	28/04/2021
<b>Report to:</b>	Margaret Whyte	<b>Condition of Sample:</b>	Satisfactory
<b>Customer PO</b>		<b>Date Analysed:</b>	28/04/2021 - 15/06/2021
<b>Quote No.</b>	Q21-00189	<b>Issue Date:</b>	15/06/2021
		<b>BATCH NUMBER:</b>	21-11519

*Conor Murphy*

Conor Murphy  
Operations Manager

### Index to symbols used & Notes

*	Analysis is not INAB/UKAS accredited
**	Adapted from Standard Methods for the Examination of Water and Wastewater.
***	Customer specific limits
(F)	Analysis carried out at our Farranfore Laboratory.
(D)	Analysis carried out at our Dunrinc Laboratory.
LOD	Parameter Limit of Quantification
Note 6	Subcontracted Parameter.

### Notes

- ◆ The results relate only to the items tested.
- ◆ Opinions and interpretations expressed herein are outside the scope of INAB accreditation.
- ◆ The analysis report shall not be reproduced except in full without written approval of the laboratory.
- ◆ Sampling is outside the scope of the laboratory activities.

### Notes for Drinking Water samples

Note A	The water should not be aggressive
Note B	Compliance must be ensured with the conditions that $[NO_3]/50 + [NO_2]/3 = 1$
Note C	Acceptable to customers and no abnormal change
Note D	In the case of surface water treatment, a parametric value not exceeding 1 NTU in the water ex treatment works must be strived for
Note F	Fluoridated supplies 0.8 mg/L; Natural supplies 1.5 mg/L.

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<b>Customer Sample Ref:</b>	21-0390	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34917 (21-11519)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	10:30

Method:	Parameter:	Units	LOQ	Result
<b><u>Microbiological Analysis: (D)</u></b>				
SMP 019	Coliforms	MPN/100mL	<1	18
SMP 124	Faecal coliforms	MPN/100mL	<1	< 1
SMP 019	E. coli	MPN/100mL	<1	< 1
<b><u>Chemical Analysis: (F)</u></b>				
SCP 052	Hydrogen Ion (pH)	pH units	4.0	5.8
SCP 052	Conductivity	µS/cm @ 20 °C	15	99
SCP 015	Biological Oxygen Demand (BOD)	mg/L	1.0	3.7
SCP 124D	* Dissolved Methane	mg/L	0.003	< 0.003
SCP 015	* Dissolved Oxygen	mg/L		3.3
SCP 010	Suspended Solids	mg/L	2	< 10
SCP027H	Alkalinity	mg/L as CaCO <sub>3</sub>	5.0	28.2
SCP 027A	Total Ammonia	mg/L N	0.02	0.37
SCP 027E	Total Oxidised Nitrogen (TON)	mg/L N	0.20	< 0.20
SCP 027B	Chloride	mg/L	0.5	24.4
SCP 027L- Note 6	Cyanide Free	mg/L	0.01	< 0.01
SCP 027D	Sulphate	mg/L	0.5	< 0.5
SCP 016	Chemical Oxygen Demand (COD)	mg/L	10	125
SCP 044	Total Phosphorus	mg/L P	0.04	< 0.04
SCP 063	Fluoride	mg/L	0.1	< 0.1
SCP 065B	Total Organic Carbon (TOC)	mg/L	0.5	43.9
**2510 B	* Total Dissolved Solids (TDS)	mg/L	5	56
SCP 038 /073	Dissolved Arsenic (As)	µg/L	1.00	30.29
SCP 038 /073	Dissolved Boron (B)	µg/L	20.00	< 20.00
SCP 038 /073	Dissolved Cadmium (Cd)	µg/L	0.45	< 0.45
SCP 038 /073	Dissolved Chromium (Cr)	µg/L	1.00	< 1.00
SCP 038 /073	Dissolved Copper (Cu)	µg/L	1.00	1.09
SCP 053B	Dissolved Iron (Fe)	µg/L	10.00	2038.00
SCP 038 /073	Dissolved Lead (Pb)	µg/L	1.00	2.00
SCP 038 /073	Dissolved Manganese (Mn)	µg/L	1.00	433.58
SCP 038 /073	Dissolved Mercury (Hg)	µg/L	0.50	< 0.50
SCP 038 /073	Dissolved Nickel (Ni)	µg/L	1.00	< 1.00
SCP 038 /073	Dissolved Zinc (Zn)	µg/L	5.00	< 5.00
SCP 131A	2,4-D	µg/L	0.005	< 0.005
SCP 131A	Dichlorprop (24DP)	µg/L	0.005	< 0.005
SCP 131A	MCPA	µg/L	0.005	< 0.005
SCP 131A	MCPA (Mecoprop)	µg/L	0.005	< 0.005
SCP 131A	Pentachlorophenol	µg/L	0.005	< 0.005
SCP 131C	Atrazine	µg/L	0.005	< 0.005

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<b>Customer Sample Ref:</b>	21-0390	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34917 (21-11519)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	10:30

Method:	Parameter:	Units	LOQ	Result
SCP 053	Calcium-Dissolved	mg/L	10.0	< 10.0
SCP 053	Magnesium-Dissolved	mg/L	10.0	< 10.0
SCP 053	Potassium-Dissolved	mg/L	10.0	< 10.0
SCP 131C	Simazine	µg/L	0.005	< 0.005
SCP 053	Sodium-Dissolved	mg/L	10.0	10.6
SCP 060G	* Tributyl tin (TBT)	µg/L	0.05	< 0.05
	<u>PAH's Water (default)</u>			
	<b><u>Chemical Analysis: (F)</u></b>			
SCP 060B	Total PAH's (sum of 16)	µg/L	0.378	< 0.378
SCP 060B	Sum Benzo (b)&(k) fluoranthene	µg/L	0.005	< 0.005
	<u>Semi-Volatile Screen (sVOC US EPA 625)</u>			
	<b><u>Chemical Analysis: (F)</u></b>			
SCP 060F	* 1,2,4-Trichlorobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,2-Dichlorobenzene (95-50-1)	µg/L	0.01	< 0.01
SCP 060F	* 1,2-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,3-Dichlorobenzene (541-73-1)	µg/L	0.01	< 0.01
SCP 060F	* 1,3-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,4-Dichlorobenzene (106-46-7)	µg/L	0.01	< 0.01
SCP 060F	* 1,4-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1-Methylnaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2,2'-Oxybis(1-chloropropane)	µg/L	0.01	< 0.01
SCP 060F	* 2,3,4,6-Tetrachlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,3,5,6-Tetrachlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4,5-Trichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4,6-Trichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dimethylphenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dinitrophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dinitrotoluene	µg/L	0.01	< 0.01
SCP 060F	* 2,6-Dinitrotoluene	µg/L	0.01	< 0.01
SCP 060F	* 2-Chloronaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2-Chlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2-Methylphenol (o-cresol)	µg/L	0.01	< 0.01
SCP 060F	* 2-Methylnaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 2-Nitrophenol	µg/L	0.01	< 0.01
SCP 060F	* 3/4-Methylphenol (m/p cresol)	µg/L	0.01	< 0.01
SCP 060F	* 3-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4,6-Dinitro-2-methylphenol	µg/L	0.01	< 0.01
SCP 060F	* 4-Bromophenyl phenyl ether	µg/L	0.01	< 0.01

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<b>Customer Sample Ref:</b>	21-0390	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34917 (21-11519)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	10:30

Method:	Parameter:	Units	LOQ	Result
SCP 060F	* 4-Chloro-3-methylphenol	µg/L	0.01	< 0.01
SCP 060F	* 4-Chloroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4-Chlorophenyl phenyl ether	µg/L	0.01	< 0.01
SCP 060F	* 4-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4-Nitrophenol	µg/L	0.01	< 0.01
SCP 060B	Acenaphthene	µg/L	0.005	< 0.005
SCP 060B	Acenaphthylene	µg/L	0.005	< 0.005
SCP 060F	* Aniline	µg/L	0.01	< 0.01
SCP 060B	Anthracene	µg/L	0.005	< 0.005
SCP 060F	* Azobenzene	µg/L	0.01	< 0.01
SCP 060B	Benz(a)anthracene	µg/L	0.005	< 0.005
SCP 060B	Benzo(a)pyrene	µg/L	0.003	< 0.003
SCP 060B	Benzo(b)fluoranthene	µg/L	0.005	< 0.005
SCP 060B	Benzo(ghi)perylene	µg/L	0.005	< 0.005
SCP 060B	Benzo(k)fluoranthene	µg/L	0.005	< 0.005
SCP 060F	* Benzyl alcohol	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-chloroethoxy)methane	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-chloroethyl)ether	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-ethylhexyl)adipate	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-ethylhexyl)phthalate	µg/L	0.01	< 0.01
SCP 060F	* Benzyl butyl phthalate	µg/L	1	< 1
SCP 060F	* Carbazole	µg/L	0.01	< 0.01
SCP 060B	Chrysene	µg/L	0.005	< 0.005
SCP 060B	Dibenz(a,h)anthracene	µg/L	0.005	< 0.005
SCP 060F	* Dibenzofuran	µg/L	0.01	< 0.01
SCP 060F	* Diethylphthalate	µg/L	0.01	< 0.01
SCP 060F	* Dimethylphthalate	µg/L	0.01	< 0.01
SCP 060F	* Di-n-butyl phthalate	µg/L	0.01	< 0.02
SCP 060F	* Di-n-octyl phthalate	µg/L	0.01	< 0.01
SCP 060B	Fluoranthene	µg/L	0.005	< 0.005
SCP 060B	Fluorene	µg/L	0.005	< 0.005
SCP 060F	* Hexachlorobenzene	µg/L	0.01	< 0.01
SCP 060F	* Hexachlorobutadiene	µg/L	0.01	< 0.01
SCP 060F	* Hexachlorocyclopentadiene	µg/L	0.01	< 0.01
SCP 060F	* Hexachloroethane	µg/L	0.01	< 0.01
SCP 060B	Indeno(1,2,3-cd)pyrene	µg/L	0.005	< 0.005
SCP 060F	* Isophorone	µg/L	0.01	< 0.01
SCP 060B	Naphthalene	µg/L	0.005	< 0.005
SCP 060F	* Nitrobenzene	µg/L	1	< 1
SCP 060F	* N-Nitrosodimethylamine	µg/L	0.01	< 0.01
SCP 060F	* N-Nitroso-di-n-propylamine	µg/L	0.01	< 0.01

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<b>Customer Sample Ref:</b>	21-0390	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34917 (21-11519)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	10:30

Method:	Parameter:	Units	LOQ	Result
SCP 060F	* N-Nitrosodiphenylamine	µg/L	0.01	< 0.01
SCP 060F	* Pentachlorophenol	µg/L	0.01	< 0.01
SCP 060B	Phenanthrene	µg/L	0.005	< 0.005
SCP 060F	* Phenol	µg/L	0.01	< 0.01
SCP 060B	Pyrene	µg/L	0.005	< 0.005
SCP 060F	* Pyridine	µg/L	0.01	< 0.01
<u>Volatile Screen (VOC US EPA 624)</u>				
<b>Chemical Analysis: (F)</b>				
SCP 114A	1,1,1,2-Tetrachloroethane	µg/L	1	< 1
SCP 114A	* 1,1,1-Trichloroethane	µg/L	1	< 1
SCP 114A	1,1,2,2-Tetrachloroethane	µg/L	1	< 1
SCP 114A	1,1,2-Trichloroethane	µg/L	1	< 1
SCP 114A	1,1-Dichloroethane	µg/L	1	< 1
SCP 114A	1,1-Dichloroethene	µg/L	1	< 1
SCP 114A	1,1-Dichloropropene	µg/L	0.5	< 0.5
SCP 114A	1,2,3-Trichlorobenzene	µg/L	1	< 1
SCP 114A	1,2,3-Trichloropropane	µg/L	1	< 1
SCP 114A	1,2,4-Trimethylbenzene	µg/L	1	< 1
SCP 114A	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	1	< 1
SCP 114A	1,2-Dibromoethane (EDB)	µg/L	1	< 1
SCP 114A	1,2-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	1,3-Dichloropropane	µg/L	1	< 1
SCP 114A	1,3,5-Trimethylbenzene	µg/L	1	< 1
SCP 114A	1,2-Dichloropropane	µg/L	1	< 1
SCP 114A	1,4-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	2,2-Dichloropropane	µg/L	1	< 1
SCP 114A	2-Chlorotoluene	µg/L	1	< 1
SCP 114A	4-Chlorotoluene	µg/L	1	< 1
SCP 114A	Benzene	µg/L	0.1	< 0.1
SCP 114A	Bromobenzene	µg/L	1	< 1
SCP 114A	* Bromochloromethane	µg/L	1	< 1
SCP 114A	Bromodichloromethane	µg/L	1	< 1
SCP 114A	Bromoform	µg/L	1	< 1
SCP 114A	Bromomethane	µg/L	1	< 1
SCP 114A	Carbon tetrachloride	µg/L	1	< 1
SCP 114A	Chlorobenzene	µg/L	1	< 1
SCP 114A	Chloroethane	µg/L	1	< 1
SCP 114A	Chloroform	µg/L	2	< 2
SCP 114A	Chloromethane	µg/L	1	< 1
SCP 114A	cis-1,2-Dichloroethene	µg/L	1	< 1
SCP 114A	cis-1,3-Dichloropropene	µg/L	1	< 1

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<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34917 (21-11519)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	10:30

Method:	Parameter:	Units	LOQ	Result
SCP 114A	Dibromochloromethane	µg/L	1	< 1
SCP 114A	Dibromomethane	µg/L	1	< 1
SCP 114A	* Dichlorodifluoromethane	µg/L	1	< 1
SCP 114A	Ethylbenzene	µg/L	0.5	< 0.5
SCP 114A	Isopropylbenzene	µg/L	1	< 1
SCP 114A	m,p Xylene	µg/L	0.5	< 0.5
SCP 114A	n-Butylbenzene	µg/L	1	< 1
SCP 114A	n-Propylbenzene	µg/L	1	< 1
SCP 114A	o Xylene	µg/L	0.5	< 0.5
SCP 114A	4-Isopropyl toluene (p-Cymene)	µg/L	1	< 1
SCP 114A	sec-Butylbenzene	µg/L	1	< 1
SCP 114A	Styrene	µg/L	1	< 1
SCP 114A	tert-Butylbenzene	µg/L	1	< 1
SCP 114A	Tetrachloroethene	µg/L	0.1	< 0.1
SCP 114A	Toluene	µg/L	0.5	< 0.5
SCP 114A	trans-1,2-Dichloroethene	µg/L	1	< 1
SCP 114A	trans-1,3-Dichloropropene	µg/L	1	< 1
SCP 114A	Trichloroethene	µg/L	0.1	< 0.1
SCP 114A	Trichlorofluoromethane	µg/L	1	< 1
SCP 114A	Vinyl Chloride	µg/L	0.1	< 0.1
SCP 114A	1,2,4-Trichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	1,3-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	Hexachlorobutadiene	µg/L	0.5	< 0.5
SCP 114A	Naphthalene	µg/L	0.5	< 0.5
SCP 114A	1,2-Dichloroethane	µg/L	0.2	< 0.2

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<b>Customer Sample Ref:</b>	21-0391	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34918 (21-11519)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	09:30

Method:	Parameter:	Units	LOQ	Result
<b><u>Microbiological Analysis: (D)</u></b>				
SMP 019	Coliforms	MPN/100mL	<1	31
SMP 124	Faecal coliforms	MPN/100mL	<1	5
SMP 019	E. coli	MPN/100mL	<1	8
<b><u>Chemical Analysis: (F)</u></b>				
SCP 052	Hydrogen Ion (pH)	pH units	4.0	7.1
SCP 052	Conductivity	µS/cm @ 20 °C	15	551
SCP 015	Biological Oxygen Demand (BOD)	mg/L	1.0	3.0
SCP 124D	* Dissolved Methane	mg/L	0.003	< 0.003
SCP 015	* Dissolved Oxygen	mg/L		4.3
SCP 010	Suspended Solids	mg/L	2	21
SCP027H	Alkalinity	mg/L as CaCO3	5.0	314.4
SCP 027A	Total Ammonia	mg/L N	0.02	10.82
SCP 027E	Total Oxidised Nitrogen (TON)	mg/L N	0.20	0.34
SCP 027B	Chloride	mg/L	0.5	30.6
SCP 027L- Note 6	Cyanide Free	mg/L	0.01	< 0.01
SCP 027D	Sulphate	mg/L	0.5	< 0.5
SCP 016	Chemical Oxygen Demand (COD)	mg/L	10	71
SCP 044	Total Phosphorus	mg/L P	0.04	< 0.04
SCP 063	Fluoride	mg/L	0.1	< 0.1
SCP 065B	Total Organic Carbon (TOC)	mg/L	0.5	30.0
**2510 B	* Total Dissolved Solids (TDS)	mg/L	5	318
SCP 038 /073	Dissolved Arsenic (As)	µg/L	1.00	7.47
SCP 038 /073	Dissolved Boron (B)	µg/L	20.00	135.06
SCP 038 /073	Dissolved Cadmium (Cd)	µg/L	0.45	< 0.45
SCP 038 /073	Dissolved Chromium (Cr)	µg/L	1.00	< 1.00
SCP 038 /073	Dissolved Copper (Cu)	µg/L	1.00	2.24
SCP 053B	Dissolved Iron (Fe)	µg/L	10.00	1938.00
SCP 038 /073	Dissolved Lead (Pb)	µg/L	1.00	< 1.00
SCP 038 /073	Dissolved Manganese (Mn)	µg/L	1.00	1010.00
SCP 038 /073	Dissolved Mercury (Hg)	µg/L	0.50	< 0.50
SCP 038 /073	Dissolved Nickel (Ni)	µg/L	1.00	< 1.00
SCP 038 /073	Dissolved Zinc (Zn)	µg/L	5.00	< 5.00
SCP 131A	2,4-D	µg/L	0.005	< 0.005
SCP 131A	Dichlorprop (24DP)	µg/L	0.005	< 0.005
SCP 131A	MCPA	µg/L	0.005	< 0.005
SCP 131A	MCP (Mecoprop)	µg/L	0.005	< 0.005
SCP 131A	Pentachlorophenol	µg/L	0.005	< 0.005
SCP 131C	Atrazine	µg/L	0.005	< 0.005

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<b>Customer Sample Ref:</b>	21-0391	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34918 (21-11519)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	09:30

Method:	Parameter:	Units	LOQ	Result
SCP 053	Calcium-Dissolved	mg/L	10.0	70.7
SCP 053	Magnesium-Dissolved	mg/L	10.0	12.4
SCP 053	Potassium-Dissolved	mg/L	10.0	12.3
SCP 131C	Simazine	µg/L	0.005	< 0.005
SCP 053	Sodium-Dissolved	mg/L	10.0	16.3
SCP 060G	* Tributyl tin (TBT)	µg/L	0.05	< 0.05
	<u>PAH's Water (default)</u>			
	<b><u>Chemical Analysis: (F)</u></b>			
SCP 060B	Total PAH's (sum of 16)	µg/L	0.378	< 0.378
SCP 060B	Sum Benzo (b)&(k) fluoranthene	µg/L	0.005	< 0.005
	<u>Semi-Volatile Screen (sVOC US EPA 625)</u>			
	<b><u>Chemical Analysis: (F)</u></b>			
SCP 060F	* 1,2,4-Trichlorobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,2-Dichlorobenzene (95-50-1)	µg/L	0.01	< 0.01
SCP 060F	* 1,2-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,3-Dichlorobenzene (541-73-1)	µg/L	0.01	< 0.01
SCP 060F	* 1,3-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,4-Dichlorobenzene (106-46-7)	µg/L	0.01	< 0.01
SCP 060F	* 1,4-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1-Methylnaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2,2'-Oxybis(1-chloropropane)	µg/L	0.01	< 0.01
SCP 060F	* 2,3,4,6-Tetrachlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,3,5,6-Tetrachlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4,5-Trichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4,6-Trichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dimethylphenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dinitrophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dinitrotoluene	µg/L	0.01	< 0.01
SCP 060F	* 2,6-Dinitrotoluene	µg/L	0.01	< 0.01
SCP 060F	* 2-Chloronaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2-Chlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2-Methylphenol (o-cresol)	µg/L	0.01	< 0.01
SCP 060F	* 2-Methylnaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 2-Nitrophenol	µg/L	0.01	< 0.01
SCP 060F	* 3/4-Methylphenol (m/p cresol)	µg/L	0.01	< 0.01
SCP 060F	* 3-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4,6-Dinitro-2-methylphenol	µg/L	0.01	< 0.01
SCP 060F	* 4-Bromophenyl phenyl ether	µg/L	0.01	< 0.01

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<b>Customer Sample Ref:</b>	21-0391	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34918 (21-11519)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	09:30

Method:	Parameter:	Units	LOQ	Result
SCP 060F	* 4-Chloro-3-methylphenol	µg/L	0.01	< 0.01
SCP 060F	* 4-Chloroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4-Chlorophenyl phenyl ether	µg/L	0.01	< 0.01
SCP 060F	* 4-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4-Nitrophenol	µg/L	0.01	< 0.01
SCP 060B	Acenaphthene	µg/L	0.005	< 0.005
SCP 060B	Acenaphthylene	µg/L	0.005	< 0.005
SCP 060F	* Aniline	µg/L	0.01	0.11
SCP 060B	Anthracene	µg/L	0.005	< 0.005
SCP 060F	* Azobenzene	µg/L	0.01	< 0.01
SCP 060B	Benz(a)anthracene	µg/L	0.005	< 0.005
SCP 060B	Benzo(a)pyrene	µg/L	0.003	< 0.003
SCP 060B	Benzo(b)fluoranthene	µg/L	0.005	< 0.005
SCP 060B	Benzo(ghi)perylene	µg/L	0.005	< 0.005
SCP 060B	Benzo(k)fluoranthene	µg/L	0.005	< 0.005
SCP 060F	* Benzyl alcohol	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-chloroethoxy)methane	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-chloroethyl)ether	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-ethylhexyl)adipate	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-ethylhexyl)phthalate	µg/L	0.01	< 0.01
SCP 060F	* Benzyl butyl phthalate	µg/L	1	< 1
SCP 060F	* Carbazole	µg/L	0.01	< 0.01
SCP 060B	Chrysene	µg/L	0.005	< 0.005
SCP 060B	Dibenz(a,h)anthracene	µg/L	0.005	< 0.005
SCP 060F	* Dibenzofuran	µg/L	0.01	< 0.01
SCP 060F	* Diethylphthalate	µg/L	0.01	< 0.01
SCP 060F	* Dimethylphthalate	µg/L	0.01	< 0.01
SCP 060F	* Di-n-butyl phthalate	µg/L	0.01	< 0.02
SCP 060F	* Di-n-octyl phthalate	µg/L	0.01	< 0.01
SCP 060B	Fluoranthene	µg/L	0.005	< 0.005
SCP 060B	Fluorene	µg/L	0.005	< 0.005
SCP 060F	* Hexachlorobenzene	µg/L	0.01	< 0.01
SCP 060F	* Hexachlorobutadiene	µg/L	0.01	< 0.01
SCP 060F	* Hexachlorocyclopentadiene	µg/L	0.01	< 0.01
SCP 060F	* Hexachloroethane	µg/L	0.01	< 0.01
SCP 060B	Indeno(1,2,3-cd)pyrene	µg/L	0.005	< 0.005
SCP 060F	* Isophorone	µg/L	0.01	< 0.01
SCP 060B	Naphthalene	µg/L	0.005	< 0.005
SCP 060F	* Nitrobenzene	µg/L	1	< 1
SCP 060F	* N-Nitrosodimethylamine	µg/L	0.01	< 0.01
SCP 060F	* N-Nitroso-di-n-propylamine	µg/L	0.01	< 0.01

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<b>Customer Sample Ref:</b>	21-0391	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34918 (21-11519)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	09:30

Method:	Parameter:	Units	LOQ	Result
SCP 060F	* N-Nitrosodiphenylamine	µg/L	0.01	< 0.01
SCP 060F	* Pentachlorophenol	µg/L	0.01	< 0.01
SCP 060B	Phenanthrene	µg/L	0.005	< 0.005
SCP 060F	* Phenol	µg/L	0.01	< 0.01
SCP 060B	Pyrene	µg/L	0.005	< 0.005
SCP 060F	* Pyridine	µg/L	0.01	< 0.01
<u>Volatile Screen (VOC US EPA 624)</u>				
<b>Chemical Analysis: (F)</b>				
SCP 114A	1,1,1,2-Tetrachloroethane	µg/L	1	< 1
SCP 114A	* 1,1,1-Trichloroethane	µg/L	1	< 1
SCP 114A	1,1,2,2-Tetrachloroethane	µg/L	1	< 1
SCP 114A	1,1,2-Trichloroethane	µg/L	1	< 1
SCP 114A	1,1-Dichloroethane	µg/L	1	< 1
SCP 114A	1,1-Dichloroethene	µg/L	1	< 1
SCP 114A	1,1-Dichloropropene	µg/L	0.5	< 0.5
SCP 114A	1,2,3-Trichlorobenzene	µg/L	1	< 1
SCP 114A	1,2,3-Trichloropropane	µg/L	1	< 1
SCP 114A	1,2,4-Trimethylbenzene	µg/L	1	< 1
SCP 114A	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	1	< 1
SCP 114A	1,2-Dibromoethane (EDB)	µg/L	1	< 1
SCP 114A	1,2-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	1,3-Dichloropropane	µg/L	1	< 1
SCP 114A	1,3,5-Trimethylbenzene	µg/L	1	< 1
SCP 114A	1,2-Dichloropropane	µg/L	1	< 1
SCP 114A	1,4-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	2,2-Dichloropropane	µg/L	1	< 1
SCP 114A	2-Chlorotoluene	µg/L	1	< 1
SCP 114A	4-Chlorotoluene	µg/L	1	< 1
SCP 114A	Benzene	µg/L	0.1	< 0.1
SCP 114A	Bromobenzene	µg/L	1	< 1
SCP 114A	* Bromochloromethane	µg/L	1	< 1
SCP 114A	Bromodichloromethane	µg/L	1	< 1
SCP 114A	Bromoform	µg/L	1	< 1
SCP 114A	Bromomethane	µg/L	1	< 1
SCP 114A	Carbon tetrachloride	µg/L	1	< 1
SCP 114A	Chlorobenzene	µg/L	1	< 1
SCP 114A	Chloroethane	µg/L	1	< 1
SCP 114A	Chloroform	µg/L	2	< 2
SCP 114A	Chloromethane	µg/L	1	< 1
SCP 114A	cis-1,2-Dichloroethene	µg/L	1	< 1
SCP 114A	cis-1,3-Dichloropropene	µg/L	1	< 1

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<b>Customer Sample Ref:</b>	21-0391	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34918 (21-11519)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	09:30

Method:	Parameter:	Units	LOQ	Result
SCP 114A	Dibromochloromethane	µg/L	1	< 1
SCP 114A	Dibromomethane	µg/L	1	< 1
SCP 114A	* Dichlorodifluoromethane	µg/L	1	< 1
SCP 114A	Ethylbenzene	µg/L	0.5	< 0.5
SCP 114A	Isopropylbenzene	µg/L	1	< 1
SCP 114A	m,p Xylene	µg/L	0.5	< 0.5
SCP 114A	n-Butylbenzene	µg/L	1	< 1
SCP 114A	n-Propylbenzene	µg/L	1	< 1
SCP 114A	o Xylene	µg/L	0.5	< 0.5
SCP 114A	4-Isopropyl toluene (p-Cymene)	µg/L	1	< 1
SCP 114A	sec-Butylbenzene	µg/L	1	< 1
SCP 114A	Styrene	µg/L	1	< 1
SCP 114A	tert-Butylbenzene	µg/L	1	< 1
SCP 114A	Tetrachloroethene	µg/L	0.1	< 0.1
SCP 114A	Toluene	µg/L	0.5	< 0.5
SCP 114A	trans-1,2-Dichloroethene	µg/L	1	< 1
SCP 114A	trans-1,3-Dichloropropene	µg/L	1	< 1
SCP 114A	Trichloroethene	µg/L	0.1	< 0.1
SCP 114A	Trichlorofluoromethane	µg/L	1	< 1
SCP 114A	Vinyl Chloride	µg/L	0.1	< 0.1
SCP 114A	1,2,4-Trichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	1,3-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	Hexachlorobutadiene	µg/L	0.5	< 0.5
SCP 114A	Naphthalene	µg/L	0.5	< 0.5
SCP 114A	1,2-Dichloroethane	µg/L	0.2	< 0.2

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<b>Customer Sample Ref:</b>	21-0392	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34919 (21-11519)	<b>Sample Matrix:</b>	Ground Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	09:50

Method:	Parameter:	Units	LOQ	Result
<b><u>Microbiological Analysis: (D)</u></b>				
SMP 019	Coliforms	MPN/100mL	<1	1
SMP 124	Faecal coliforms	MPN/100mL	<1	< 1
SMP 019	E. coli	MPN/100mL	<1	< 1
<b><u>Chemical Analysis: (F)</u></b>				
SCP 052	Hydrogen Ion (pH)	pH units	4.0	7.6
SCP 052	Conductivity	µS/cm @ 20 °C	15	469
SCP 015	Biological Oxygen Demand (BOD)	mg/L	1.0	< 1.0
SCP 124D	* Dissolved Methane	mg/L	0.003	< 0.003
SCP 015	* Dissolved Oxygen	mg/L		4.6
SCP 010	Suspended Solids	mg/L	2	< 4
SCP027H	Alkalinity	mg/L as CaCO3	5.0	238.4
SCP 027A	Total Ammonia	mg/L N	0.02	0.03
SCP 027E	Total Oxidised Nitrogen (TON)	mg/L N	0.20	< 0.20
SCP 027B	Chloride	mg/L	0.5	22.3
SCP 027L- Note 6	Cyanide Free	mg/L	0.01	< 0.01
SCP 027D	Sulphate	mg/L	0.5	30.1
SCP 016	Chemical Oxygen Demand (COD)	mg/L	10	< 10
SCP 044	Total Phosphorus	mg/L P	0.04	0.06
SCP 063	Fluoride	mg/L	0.1	< 0.1
SCP 065B	Total Organic Carbon (TOC)	mg/L	0.5	1.5
**2510 B	* Total Dissolved Solids (TDS)	mg/L	5	268
SCP 038 /073	Dissolved Arsenic (As)	µg/L	1.00	< 1.00
SCP 038 /073	Dissolved Boron (B)	µg/L	20.00	35.66
SCP 038 /073	Dissolved Cadmium (Cd)	µg/L	0.45	< 0.45
SCP 038 /073	Dissolved Chromium (Cr)	µg/L	1.00	< 1.00
SCP 038 /073	Dissolved Copper (Cu)	µg/L	1.00	28.31
SCP 038 /073	Dissolved Iron (Fe)	µg/L	5.00	< 5.00
SCP 038 /073	Dissolved Lead (Pb)	µg/L	1.00	< 1.00
SCP 038 /073	Dissolved Manganese (Mn)	µg/L	1.00	21.48
SCP 038 /073	Dissolved Mercury (Hg)	µg/L	0.50	< 0.50
SCP 038 /073	Dissolved Nickel (Ni)	µg/L	1.00	< 1.00
SCP 038 /073	Dissolved Zinc (Zn)	µg/L	5.00	25.85
SCP 131A	2,4-D	µg/L	0.005	< 0.005
SCP 131A	Dichlorprop (24DP)	µg/L	0.005	< 0.005
SCP 131A	MCPA	µg/L	0.005	< 0.005
SCP 131A	MCPA (Mecoprop)	µg/L	0.005	< 0.005
SCP 131A	Pentachlorophenol	µg/L	0.005	< 0.005
SCP 131C	Atrazine	µg/L	0.005	< 0.005

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<b>Customer Sample Ref:</b>	21-0392	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34919 (21-11519)	<b>Sample Matrix:</b>	Ground Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	09:50

Method:	Parameter:	Units	LOQ	Result
SCP 053	Calcium-Dissolved	mg/L	10.0	77.3
SCP 053	Magnesium-Dissolved	mg/L	10.0	< 10.0
SCP 053	Potassium-Dissolved	mg/L	10.0	< 10.0
SCP 131C	Simazine	µg/L	0.005	< 0.005
SCP 053	Sodium-Dissolved	mg/L	10.0	17.4
SCP 060G	* Tributyl tin (TBT)	µg/L	0.05	< 0.05
	<u>PAH's Water (default)</u>			
	<b><u>Chemical Analysis: (F)</u></b>			
SCP 060B	Total PAH's (sum of 16)	µg/L	0.378	< 0.378
SCP 060B	Sum Benzo (b)&(k) fluoranthene	µg/L	0.005	< 0.005
	<u>Semi-Volatile Screen (sVOC US EPA 625)</u>			
	<b><u>Chemical Analysis: (F)</u></b>			
SCP 060F	* 1,2,4-Trichlorobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,2-Dichlorobenzene (95-50-1)	µg/L	0.01	< 0.01
SCP 060F	* 1,2-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,3-Dichlorobenzene (541-73-1)	µg/L	0.01	< 0.01
SCP 060F	* 1,3-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,4-Dichlorobenzene (106-46-7)	µg/L	0.01	< 0.01
SCP 060F	* 1,4-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1-Methylnaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2,2'-Oxybis(1-chloropropane)	µg/L	0.01	< 0.01
SCP 060F	* 2,3,4,6-Tetrachlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,3,5,6-Tetrachlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4,5-Trichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4,6-Trichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dimethylphenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dinitrophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dinitrotoluene	µg/L	0.01	< 0.01
SCP 060F	* 2,6-Dinitrotoluene	µg/L	0.01	< 0.01
SCP 060F	* 2-Chloronaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2-Chlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2-Methylphenol (o-cresol)	µg/L	0.01	< 0.01
SCP 060F	* 2-Methylnaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 2-Nitrophenol	µg/L	0.01	< 0.01
SCP 060F	* 3/4-Methylphenol (m/p cresol)	µg/L	0.01	< 0.01
SCP 060F	* 3-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4,6-Dinitro-2-methylphenol	µg/L	0.01	< 0.01
SCP 060F	* 4-Bromophenyl phenyl ether	µg/L	0.01	< 0.01

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<b>Customer Sample Ref:</b>	21-0392	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34919 (21-11519)	<b>Sample Matrix:</b>	Ground Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	09:50

Method:	Parameter:	Units	LOQ	Result
SCP 060F	* 4-Chloro-3-methylphenol	µg/L	0.01	< 0.01
SCP 060F	* 4-Chloroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4-Chlorophenyl phenyl ether	µg/L	0.01	< 0.01
SCP 060F	* 4-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4-Nitrophenol	µg/L	0.01	< 0.01
SCP 060B	Acenaphthene	µg/L	0.005	< 0.005
SCP 060B	Acenaphthylene	µg/L	0.005	< 0.005
SCP 060F	* Aniline	µg/L	0.01	0.24
SCP 060B	Anthracene	µg/L	0.005	< 0.005
SCP 060F	* Azobenzene	µg/L	0.01	< 0.01
SCP 060B	Benz(a)anthracene	µg/L	0.005	< 0.005
SCP 060B	Benzo(a)pyrene	µg/L	0.003	< 0.003
SCP 060B	Benzo(b)fluoranthene	µg/L	0.005	< 0.005
SCP 060B	Benzo(ghi)perylene	µg/L	0.005	< 0.005
SCP 060B	Benzo(k)fluoranthene	µg/L	0.005	< 0.005
SCP 060F	* Benzyl alcohol	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-chloroethoxy)methane	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-chloroethyl)ether	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-ethylhexyl)adipate	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-ethylhexyl)phthalate	µg/L	0.01	< 0.01
SCP 060F	* Benzyl butyl phthalate	µg/L	1	< 1
SCP 060F	* Carbazole	µg/L	0.01	< 0.01
SCP 060B	Chrysene	µg/L	0.005	< 0.005
SCP 060B	Dibenz(a,h)anthracene	µg/L	0.005	< 0.005
SCP 060F	* Dibenzofuran	µg/L	0.01	< 0.01
SCP 060F	* Diethylphthalate	µg/L	0.01	< 0.01
SCP 060F	* Dimethylphthalate	µg/L	0.01	< 0.01
SCP 060F	* Di-n-butyl phthalate	µg/L	0.01	< 0.02
SCP 060F	* Di-n-octyl phthalate	µg/L	0.01	< 0.01
SCP 060B	Fluoranthene	µg/L	0.005	< 0.005
SCP 060B	Fluorene	µg/L	0.005	< 0.005
SCP 060F	* Hexachlorobenzene	µg/L	0.01	< 0.01
SCP 060F	* Hexachlorobutadiene	µg/L	0.01	< 0.01
SCP 060F	* Hexachlorocyclopentadiene	µg/L	0.01	< 0.01
SCP 060F	* Hexachloroethane	µg/L	0.01	< 0.01
SCP 060B	Indeno(1,2,3-cd)pyrene	µg/L	0.005	< 0.005
SCP 060F	* Isophorone	µg/L	0.01	< 0.01
SCP 060B	Naphthalene	µg/L	0.005	< 0.005
SCP 060F	* Nitrobenzene	µg/L	1	< 1
SCP 060F	* N-Nitrosodimethylamine	µg/L	0.01	< 0.01
SCP 060F	* N-Nitroso-di-n-propylamine	µg/L	0.01	< 0.01

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<b>Customer Sample Ref:</b>	21-0392	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34919 (21-11519)	<b>Sample Matrix:</b>	Ground Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	09:50

Method:	Parameter:	Units	LOQ	Result
SCP 060F	* N-Nitrosodiphenylamine	µg/L	0.01	< 0.01
SCP 060F	* Pentachlorophenol	µg/L	0.01	< 0.01
SCP 060B	Phenanthrene	µg/L	0.005	< 0.005
SCP 060F	* Phenol	µg/L	0.01	< 0.01
SCP 060B	Pyrene	µg/L	0.005	< 0.005
SCP 060F	* Pyridine	µg/L	0.01	< 0.01
<u>Volatile Screen (VOC US EPA 624)</u>				
<b><u>Chemical Analysis: (F)</u></b>				
SCP 114A	1,1,1,2-Tetrachloroethane	µg/L	1	< 1
SCP 114A	* 1,1,1-Trichloroethane	µg/L	1	< 1
SCP 114A	1,1,2,2-Tetrachloroethane	µg/L	1	< 1
SCP 114A	1,1,2-Trichloroethane	µg/L	1	< 1
SCP 114A	1,1-Dichloroethane	µg/L	1	< 1
SCP 114A	1,1-Dichloroethene	µg/L	1	< 1
SCP 114A	1,1-Dichloropropene	µg/L	0.5	< 0.5
SCP 114A	1,2,3-Trichlorobenzene	µg/L	1	< 1
SCP 114A	1,2,3-Trichloropropane	µg/L	1	< 1
SCP 114A	1,2,4-Trimethylbenzene	µg/L	1	< 1
SCP 114A	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	1	< 1
SCP 114A	1,2-Dibromoethane (EDB)	µg/L	1	< 1
SCP 114A	1,2-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	1,3-Dichloropropane	µg/L	1	< 1
SCP 114A	1,3,5-Trimethylbenzene	µg/L	1	< 1
SCP 114A	1,2-Dichloropropane	µg/L	1	< 1
SCP 114A	1,4-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	2,2-Dichloropropane	µg/L	1	< 1
SCP 114A	2-Chlorotoluene	µg/L	1	< 1
SCP 114A	4-Chlorotoluene	µg/L	1	< 1
SCP 114A	Benzene	µg/L	0.1	< 0.1
SCP 114A	Bromobenzene	µg/L	1	< 1
SCP 114A	* Bromochloromethane	µg/L	1	< 1
SCP 114A	Bromodichloromethane	µg/L	1	< 1
SCP 114A	Bromoform	µg/L	1	< 1
SCP 114A	Bromomethane	µg/L	1	< 1
SCP 114A	Carbon tetrachloride	µg/L	1	< 1
SCP 114A	Chlorobenzene	µg/L	1	< 1
SCP 114A	Chloroethane	µg/L	1	< 1
SCP 114A	Chloroform	µg/L	2	< 2
SCP 114A	Chloromethane	µg/L	1	< 1
SCP 114A	cis-1,2-Dichloroethene	µg/L	1	< 1
SCP 114A	cis-1,3-Dichloropropene	µg/L	1	< 1

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<b>Customer Sample Ref:</b>	21-0392	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34919 (21-11519)	<b>Sample Matrix:</b>	Ground Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	09:50

Method:	Parameter:	Units	LOQ	Result
SCP 114A	Dibromochloromethane	µg/L	1	< 1
SCP 114A	Dibromomethane	µg/L	1	< 1
SCP 114A	* Dichlorodifluoromethane	µg/L	1	< 1
SCP 114A	Ethylbenzene	µg/L	0.5	< 0.5
SCP 114A	Isopropylbenzene	µg/L	1	< 1
SCP 114A	m,p Xylene	µg/L	0.5	< 0.5
SCP 114A	n-Butylbenzene	µg/L	1	< 1
SCP 114A	n-Propylbenzene	µg/L	1	< 1
SCP 114A	o Xylene	µg/L	0.5	< 0.5
SCP 114A	4-Isopropyl toluene (p-Cymene)	µg/L	1	< 1
SCP 114A	sec-Butylbenzene	µg/L	1	< 1
SCP 114A	Styrene	µg/L	1	< 1
SCP 114A	tert-Butylbenzene	µg/L	1	< 1
SCP 114A	Tetrachloroethene	µg/L	0.1	< 0.1
SCP 114A	Toluene	µg/L	0.5	< 0.5
SCP 114A	trans-1,2-Dichloroethene	µg/L	1	< 1
SCP 114A	trans-1,3-Dichloropropene	µg/L	1	< 1
SCP 114A	Trichloroethene	µg/L	0.1	< 0.1
SCP 114A	Trichlorofluoromethane	µg/L	1	< 1
SCP 114A	Vinyl Chloride	µg/L	0.1	< 0.1
SCP 114A	1,2,4-Trichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	1,3-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	Hexachlorobutadiene	µg/L	0.5	< 0.5
SCP 114A	Naphthalene	µg/L	0.5	< 0.5
SCP 114A	1,2-Dichloroethane	µg/L	0.2	< 0.2

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<b>Customer Sample Ref:</b>	21-0393	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34920 (21-11519)	<b>Sample Matrix:</b>	Ground Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	10:00

Method:	Parameter:	Units	LOQ	Result
<b><u>Microbiological Analysis: (D)</u></b>				
SMP 019	Coliforms	MPN/100mL	<1	< 1
SMP 124	Faecal coliforms	MPN/100mL	<1	< 1
SMP 019	E. coli	MPN/100mL	<1	< 1
<b><u>Chemical Analysis: (F)</u></b>				
SCP 052	Hydrogen Ion (pH)	pH units	4.0	7.2
SCP 052	Conductivity	µS/cm @ 20 °C	15	585
SCP 015	Biological Oxygen Demand (BOD)	mg/L	1.0	4.3
SCP 124D	* Dissolved Methane	mg/L	0.003	< 0.003
SCP 015	* Dissolved Oxygen	mg/L		4.0
SCP 010	Suspended Solids	mg/L	2	15
SCP027H	Alkalinity	mg/L as CaCO3	5.0	340.4
SCP 027A	Total Ammonia	mg/L N	0.02	2.69
SCP 027E	Total Oxidised Nitrogen (TON)	mg/L N	0.20	< 0.20
SCP 027B	Chloride	mg/L	0.5	26.0
SCP 027L- Note 6	Cyanide Free	mg/L	0.01	< 0.01
SCP 027D	Sulphate	mg/L	0.5	1.7
SCP 016	Chemical Oxygen Demand (COD)	mg/L	10	35
SCP 044	Total Phosphorus	mg/L P	0.04	0.17
SCP 063	Fluoride	mg/L	0.1	0.1
SCP 065B	Total Organic Carbon (TOC)	mg/L	0.5	12.2
**2510 B	* Total Dissolved Solids (TDS)	mg/L	5	335
SCP 038 /073	Dissolved Arsenic (As)	µg/L	1.00	6.44
SCP 038 /073	Dissolved Boron (B)	µg/L	20.00	34.98
SCP 038 /073	Dissolved Cadmium (Cd)	µg/L	0.45	< 0.45
SCP 038 /073	Dissolved Chromium (Cr)	µg/L	1.00	< 1.00
SCP 038 /073	Dissolved Copper (Cu)	µg/L	1.00	3.24
SCP 038 /073	Dissolved Iron (Fe)	µg/L	5.00	< 5.00
SCP 038 /073	Dissolved Lead (Pb)	µg/L	1.00	< 1.00
SCP 053B	Dissolved Manganese (Mn)	µg/L	2.00	784.00
SCP 038 /073	Dissolved Mercury (Hg)	µg/L	0.50	< 0.50
SCP 038 /073	Dissolved Nickel (Ni)	µg/L	1.00	< 1.00
SCP 038 /073	Dissolved Zinc (Zn)	µg/L	5.00	5.79
SCP 131A	2,4-D	µg/L	0.005	< 0.005
SCP 131A	Dichlorprop (24DP)	µg/L	0.005	< 0.005
SCP 131A	MCPA	µg/L	0.005	< 0.005
SCP 131A	MCPA (Mecoprop)	µg/L	0.005	< 0.005
SCP 131A	Pentachlorophenol	µg/L	0.005	< 0.005
SCP 131C	Atrazine	µg/L	0.005	< 0.005

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<b>Customer Sample Ref:</b>	21-0393	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34920 (21-11519)	<b>Sample Matrix:</b>	Ground Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	10:00

Method:	Parameter:	Units	LOQ	Result
SCP 053	Calcium-Dissolved	mg/L	10.0	105.0
SCP 053	Magnesium-Dissolved	mg/L	10.0	< 10.0
SCP 053	Potassium-Dissolved	mg/L	10.0	< 10.0
SCP 131C	Simazine	µg/L	0.005	< 0.005
SCP 053	Sodium-Dissolved	mg/L	10.0	15.6
SCP 060G	* Tributyl tin (TBT)	µg/L	0.05	< 0.05
	<u>PAH's Water (default)</u>			
	<b><u>Chemical Analysis: (F)</u></b>			
SCP 060B	Total PAH's (sum of 16)	µg/L	0.378	< 0.378
SCP 060B	Sum Benzo (b)&(k) fluoranthene	µg/L	0.005	< 0.005
	<u>Semi-Volatile Screen (sVOC US EPA 625)</u>			
	<b><u>Chemical Analysis: (F)</u></b>			
SCP 060F	* 1,2,4-Trichlorobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,2-Dichlorobenzene (95-50-1)	µg/L	0.01	< 0.01
SCP 060F	* 1,2-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,3-Dichlorobenzene (541-73-1)	µg/L	0.01	< 0.01
SCP 060F	* 1,3-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,4-Dichlorobenzene (106-46-7)	µg/L	0.01	< 0.01
SCP 060F	* 1,4-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1-Methylnaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2,2'-Oxybis(1-chloropropane)	µg/L	0.01	< 0.01
SCP 060F	* 2,3,4,6-Tetrachlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,3,5,6-Tetrachlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4,5-Trichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4,6-Trichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dimethylphenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dinitrophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dinitrotoluene	µg/L	0.01	< 0.01
SCP 060F	* 2,6-Dinitrotoluene	µg/L	0.01	< 0.01
SCP 060F	* 2-Chloronaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2-Chlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2-Methylphenol (o-cresol)	µg/L	0.01	< 0.01
SCP 060F	* 2-Methylnaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 2-Nitrophenol	µg/L	0.01	< 0.01
SCP 060F	* 3/4-Methylphenol (m/p cresol)	µg/L	0.01	< 0.01
SCP 060F	* 3-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4,6-Dinitro-2-methylphenol	µg/L	0.01	< 0.01
SCP 060F	* 4-Bromophenyl phenyl ether	µg/L	0.01	< 0.01

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<b>Customer Sample Ref:</b>	21-0393	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34920 (21-11519)	<b>Sample Matrix:</b>	Ground Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	10:00

Method:	Parameter:	Units	LOQ	Result
SCP 060F	* 4-Chloro-3-methylphenol	µg/L	0.01	< 0.01
SCP 060F	* 4-Chloroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4-Chlorophenyl phenyl ether	µg/L	0.01	< 0.01
SCP 060F	* 4-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4-Nitrophenol	µg/L	0.01	< 0.01
SCP 060B	Acenaphthene	µg/L	0.005	< 0.005
SCP 060B	Acenaphthylene	µg/L	0.005	< 0.005
SCP 060F	* Aniline	µg/L	0.01	< 0.01
SCP 060B	Anthracene	µg/L	0.005	< 0.005
SCP 060F	* Azobenzene	µg/L	0.01	< 0.01
SCP 060B	Benz(a)anthracene	µg/L	0.005	< 0.005
SCP 060B	Benzo(a)pyrene	µg/L	0.003	< 0.003
SCP 060B	Benzo(b)fluoranthene	µg/L	0.005	< 0.005
SCP 060B	Benzo(ghi)perylene	µg/L	0.005	< 0.005
SCP 060B	Benzo(k)fluoranthene	µg/L	0.005	< 0.005
SCP 060F	* Benzyl alcohol	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-chloroethoxy)methane	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-chloroethyl)ether	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-ethylhexyl)adipate	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-ethylhexyl)phthalate	µg/L	0.01	< 0.01
SCP 060F	* Benzyl butyl phthalate	µg/L	1	< 1
SCP 060F	* Carbazole	µg/L	0.01	< 0.01
SCP 060B	Chrysene	µg/L	0.005	< 0.005
SCP 060B	Dibenz(a,h)anthracene	µg/L	0.005	< 0.005
SCP 060F	* Dibenzofuran	µg/L	0.01	< 0.01
SCP 060F	* Diethylphthalate	µg/L	0.01	< 0.01
SCP 060F	* Dimethylphthalate	µg/L	0.01	< 0.01
SCP 060F	* Di-n-butyl phthalate	µg/L	0.01	< 0.02
SCP 060F	* Di-n-octyl phthalate	µg/L	0.01	< 0.01
SCP 060B	Fluoranthene	µg/L	0.005	< 0.005
SCP 060B	Fluorene	µg/L	0.005	< 0.005
SCP 060F	* Hexachlorobenzene	µg/L	0.01	< 0.01
SCP 060F	* Hexachlorobutadiene	µg/L	0.01	< 0.01
SCP 060F	* Hexachlorocyclopentadiene	µg/L	0.01	< 0.01
SCP 060F	* Hexachloroethane	µg/L	0.01	< 0.01
SCP 060B	Indeno(1,2,3-cd)pyrene	µg/L	0.005	< 0.005
SCP 060F	* Isophorone	µg/L	0.01	< 0.01
SCP 060B	Naphthalene	µg/L	0.005	< 0.005
SCP 060F	* Nitrobenzene	µg/L	1	< 1
SCP 060F	* N-Nitrosodimethylamine	µg/L	0.01	< 0.01
SCP 060F	* N-Nitroso-di-n-propylamine	µg/L	0.01	< 0.01

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<b>Customer Sample Ref:</b>	21-0393	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34920 (21-11519)	<b>Sample Matrix:</b>	Ground Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	10:00

Method:	Parameter:	Units	LOQ	Result
SCP 060F	* N-Nitrosodiphenylamine	µg/L	0.01	< 0.01
SCP 060F	* Pentachlorophenol	µg/L	0.01	< 0.01
SCP 060B	Phenanthrene	µg/L	0.005	< 0.005
SCP 060F	* Phenol	µg/L	0.01	< 0.01
SCP 060B	Pyrene	µg/L	0.005	< 0.005
SCP 060F	* Pyridine	µg/L	0.01	< 0.01

Volatile Screen (VOC US EPA 624)

**Chemical Analysis: (F)**

SCP 114A	1,1,1,2-Tetrachloroethane	µg/L	1	< 1
SCP 114A	* 1,1,1-Trichloroethane	µg/L	1	< 1
SCP 114A	1,1,2,2-Tetrachloroethane	µg/L	1	< 1
SCP 114A	1,1,2-Trichloroethane	µg/L	1	< 1
SCP 114A	1,1-Dichloroethane	µg/L	1	< 1
SCP 114A	1,1-Dichloroethene	µg/L	1	< 1
SCP 114A	1,1-Dichloropropene	µg/L	0.5	< 0.5
SCP 114A	1,2,3-Trichlorobenzene	µg/L	1	< 1
SCP 114A	1,2,3-Trichloropropane	µg/L	1	< 1
SCP 114A	1,2,4-Trimethylbenzene	µg/L	1	< 1
SCP 114A	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	1	< 1
SCP 114A	1,2-Dibromoethane (EDB)	µg/L	1	< 1
SCP 114A	1,2-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	1,3-Dichloropropane	µg/L	1	< 1
SCP 114A	1,3,5-Trimethylbenzene	µg/L	1	< 1
SCP 114A	1,2-Dichloropropane	µg/L	1	< 1
SCP 114A	1,4-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	2,2-Dichloropropane	µg/L	1	< 1
SCP 114A	2-Chlorotoluene	µg/L	1	< 1
SCP 114A	4-Chlorotoluene	µg/L	1	< 1
SCP 114A	Benzene	µg/L	0.1	< 0.1
SCP 114A	Bromobenzene	µg/L	1	< 1
SCP 114A	* Bromochloromethane	µg/L	1	< 1
SCP 114A	Bromodichloromethane	µg/L	1	< 1
SCP 114A	Bromoform	µg/L	1	< 1
SCP 114A	Bromomethane	µg/L	1	< 1
SCP 114A	Carbon tetrachloride	µg/L	1	< 1
SCP 114A	Chlorobenzene	µg/L	1	< 1
SCP 114A	Chloroethane	µg/L	1	< 1
SCP 114A	Chloroform	µg/L	2	< 2
SCP 114A	Chloromethane	µg/L	1	< 1
SCP 114A	cis-1,2-Dichloroethene	µg/L	1	< 1
SCP 114A	cis-1,3-Dichloropropene	µg/L	1	< 1

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<b>Customer Sample Ref:</b>	21-0393	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34920 (21-11519)	<b>Sample Matrix:</b>	Ground Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	10:00

Method:	Parameter:	Units	LOQ	Result
SCP 114A	Dibromochloromethane	µg/L	1	< 1
SCP 114A	Dibromomethane	µg/L	1	< 1
SCP 114A	* Dichlorodifluoromethane	µg/L	1	< 1
SCP 114A	Ethylbenzene	µg/L	0.5	< 0.5
SCP 114A	Isopropylbenzene	µg/L	1	< 1
SCP 114A	m,p Xylene	µg/L	0.5	< 0.5
SCP 114A	n-Butylbenzene	µg/L	1	< 1
SCP 114A	n-Propylbenzene	µg/L	1	< 1
SCP 114A	o Xylene	µg/L	0.5	< 0.5
SCP 114A	4-Isopropyl toluene (p-Cymene)	µg/L	1	< 1
SCP 114A	sec-Butylbenzene	µg/L	1	< 1
SCP 114A	Styrene	µg/L	1	< 1
SCP 114A	tert-Butylbenzene	µg/L	1	< 1
SCP 114A	Tetrachloroethene	µg/L	0.1	< 0.1
SCP 114A	Toluene	µg/L	0.5	< 0.5
SCP 114A	trans-1,2-Dichloroethene	µg/L	1	< 1
SCP 114A	trans-1,3-Dichloropropene	µg/L	1	< 1
SCP 114A	Trichloroethene	µg/L	0.1	0.2
SCP 114A	Trichlorofluoromethane	µg/L	1	< 1
SCP 114A	Vinyl Chloride	µg/L	0.1	< 0.1
SCP 114A	1,2,4-Trichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	1,3-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	Hexachlorobutadiene	µg/L	0.5	< 0.5
SCP 114A	Naphthalene	µg/L	0.5	< 0.5
SCP 114A	1,2-Dichloroethane	µg/L	0.2	< 0.2

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<b>Customer Sample Ref:</b>	21-0394	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34921 (21-11519)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	10:15

Method:	Parameter:	Units	LOQ	Result
<b><u>Microbiological Analysis: (D)</u></b>				
SMP 019	Coliforms	MPN/100mL	<1	> 201
SMP 124	Faecal coliforms	MPN/100mL	<1	155
SMP 019	E. coli	MPN/100mL	<1	59
<b><u>Chemical Analysis: (F)</u></b>				
SCP 052	Hydrogen Ion (pH)	pH units	4.0	7.6
SCP 052	Conductivity	µS/cm @ 20 °C	15	499
SCP 015	Biological Oxygen Demand (BOD)	mg/L	1.0	1.7
SCP 124D	* Dissolved Methane	mg/L	0.003	< 0.003
SCP 015	* Dissolved Oxygen	mg/L		6.4
SCP 010	Suspended Solids	mg/L	2	< 4
SCP027H	Alkalinity	mg/L as CaCO3	5.0	291.0
SCP 027A	Total Ammonia	mg/L N	0.02	0.08
SCP 027E	Total Oxidised Nitrogen (TON)	mg/L N	0.20	0.53
SCP 027B	Chloride	mg/L	0.5	17.2
SCP 027L- Note 6	Cyanide Free	mg/L	0.01	< 0.01
SCP 027D	Sulphate	mg/L	0.5	11.6
SCP 016	Chemical Oxygen Demand (COD)	mg/L	10	34
SCP 044	Total Phosphorus	mg/L P	0.04	0.10
SCP 063	Fluoride	mg/L	0.1	0.1
SCP 065B	Total Organic Carbon (TOC)	mg/L	0.5	13.1
**2510 B	* Total Dissolved Solids (TDS)	mg/L	5	287
SCP 038 /073	Dissolved Arsenic (As)	µg/L	1.00	1.72
SCP 038 /073	Dissolved Boron (B)	µg/L	20.00	24.55
SCP 038 /073	Dissolved Cadmium (Cd)	µg/L	0.45	< 0.45
SCP 038 /073	Dissolved Chromium (Cr)	µg/L	1.00	< 1.00
SCP 038 /073	Dissolved Copper (Cu)	µg/L	1.00	4.21
SCP 038 /073	Dissolved Iron (Fe)	µg/L	5.00	151.06
SCP 038 /073	Dissolved Lead (Pb)	µg/L	1.00	< 1.00
SCP 038 /073	Dissolved Manganese (Mn)	µg/L	1.00	759.78
SCP 038 /073	Dissolved Mercury (Hg)	µg/L	0.50	< 0.50
SCP 038 /073	Dissolved Nickel (Ni)	µg/L	1.00	< 1.00
SCP 038 /073	Dissolved Zinc (Zn)	µg/L	5.00	< 5.00
SCP 131A	2,4-D	µg/L	0.005	< 0.005
SCP 131A	Dichlorprop (24DP)	µg/L	0.005	< 0.005
SCP 131A	MCPA	µg/L	0.005	< 0.005
SCP 131A	MCP (Mecoprop)	µg/L	0.005	< 0.005
SCP 131A	Pentachlorophenol	µg/L	0.005	< 0.005
SCP 131C	Atrazine	µg/L	0.005	< 0.005

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<b>Customer Sample Ref:</b>	21-0394	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34921 (21-11519)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	10:15

Method:	Parameter:	Units	LOQ	Result
SCP 053	Calcium-Dissolved	mg/L	10.0	102.0
SCP 053	Magnesium-Dissolved	mg/L	10.0	< 10.0
SCP 053	Potassium-Dissolved	mg/L	10.0	< 10.0
SCP 131C	Simazine	µg/L	0.005	< 0.005
SCP 053	Sodium-Dissolved	mg/L	10.0	11.0
SCP 060G	* Tributyl tin (TBT)	µg/L	0.05	< 0.05
	<u>PAH's Water (default)</u>			
	<b><u>Chemical Analysis: (F)</u></b>			
SCP 060B	Total PAH's (sum of 16)	µg/L	0.378	< 0.378
SCP 060B	Sum Benzo (b)&(k) fluoranthene	µg/L	0.005	< 0.005
	<u>Semi-Volatile Screen (sVOC US EPA 625)</u>			
	<b><u>Chemical Analysis: (F)</u></b>			
SCP 060F	* 1,2,4-Trichlorobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,2-Dichlorobenzene (95-50-1)	µg/L	0.01	< 0.01
SCP 060F	* 1,2-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,3-Dichlorobenzene (541-73-1)	µg/L	0.01	< 0.01
SCP 060F	* 1,3-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1,4-Dichlorobenzene (106-46-7)	µg/L	0.01	< 0.01
SCP 060F	* 1,4-Dinitrobenzene	µg/L	0.01	< 0.01
SCP 060F	* 1-Methylnaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2,2'-Oxybis(1-chloropropane)	µg/L	0.01	< 0.01
SCP 060F	* 2,3,4,6-Tetrachlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,3,5,6-Tetrachlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4,5-Trichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4,6-Trichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dichlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dimethylphenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dinitrophenol	µg/L	0.01	< 0.01
SCP 060F	* 2,4-Dinitrotoluene	µg/L	0.01	< 0.01
SCP 060F	* 2,6-Dinitrotoluene	µg/L	0.01	< 0.01
SCP 060F	* 2-Chloronaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2-Chlorophenol	µg/L	0.01	< 0.01
SCP 060F	* 2-Methylphenol (o-cresol)	µg/L	0.01	< 0.01
SCP 060F	* 2-Methylnaphthalene	µg/L	0.01	< 0.01
SCP 060F	* 2-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 2-Nitrophenol	µg/L	0.01	< 0.01
SCP 060F	* 3/4-Methylphenol (m/p cresol)	µg/L	0.01	< 0.01
SCP 060F	* 3-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4,6-Dinitro-2-methylphenol	µg/L	0.01	< 0.01
SCP 060F	* 4-Bromophenyl phenyl ether	µg/L	0.01	< 0.01

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<b>Customer Sample Ref:</b>	21-0394	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34921 (21-11519)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	10:15

Method:	Parameter:	Units	LOQ	Result
SCP 060F	* 4-Chloro-3-methylphenol	µg/L	0.01	< 0.01
SCP 060F	* 4-Chloroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4-Chlorophenyl phenyl ether	µg/L	0.01	< 0.01
SCP 060F	* 4-Nitroaniline	µg/L	0.01	< 0.01
SCP 060F	* 4-Nitrophenol	µg/L	0.01	< 0.01
SCP 060B	Acenaphthene	µg/L	0.005	< 0.005
SCP 060B	Acenaphthylene	µg/L	0.005	< 0.005
SCP 060F	* Aniline	µg/L	0.01	< 0.01
SCP 060B	Anthracene	µg/L	0.005	< 0.005
SCP 060F	* Azobenzene	µg/L	0.01	< 0.01
SCP 060B	Benz(a)anthracene	µg/L	0.005	< 0.005
SCP 060B	Benzo(a)pyrene	µg/L	0.003	< 0.003
SCP 060B	Benzo(b)fluoranthene	µg/L	0.005	< 0.005
SCP 060B	Benzo(ghi)perylene	µg/L	0.005	< 0.005
SCP 060B	Benzo(k)fluoranthene	µg/L	0.005	< 0.005
SCP 060F	* Benzyl alcohol	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-chloroethoxy)methane	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-chloroethyl)ether	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-ethylhexyl)adipate	µg/L	0.01	< 0.01
SCP 060F	* Bis(2-ethylhexyl)phthalate	µg/L	0.01	< 0.01
SCP 060F	* Benzyl butyl phthalate	µg/L	1	< 1
SCP 060F	* Carbazole	µg/L	0.01	< 0.01
SCP 060B	Chrysene	µg/L	0.005	< 0.005
SCP 060B	Dibenz(a,h)anthracene	µg/L	0.005	< 0.005
SCP 060F	* Dibenzofuran	µg/L	0.01	< 0.01
SCP 060F	* Diethylphthalate	µg/L	0.01	< 0.01
SCP 060F	* Dimethylphthalate	µg/L	0.01	< 0.01
SCP 060F	* Di-n-butyl phthalate	µg/L	0.01	< 0.02
SCP 060F	* Di-n-octyl phthalate	µg/L	0.01	< 0.01
SCP 060B	Fluoranthene	µg/L	0.005	< 0.005
SCP 060B	Fluorene	µg/L	0.005	< 0.005
SCP 060F	* Hexachlorobenzene	µg/L	0.01	< 0.01
SCP 060F	* Hexachlorobutadiene	µg/L	0.01	< 0.01
SCP 060F	* Hexachlorocyclopentadiene	µg/L	0.01	< 0.01
SCP 060F	* Hexachloroethane	µg/L	0.01	< 0.01
SCP 060B	Indeno(1,2,3-cd)pyrene	µg/L	0.005	< 0.005
SCP 060F	* Isophorone	µg/L	0.01	< 0.01
SCP 060B	Naphthalene	µg/L	0.005	< 0.005
SCP 060F	* Nitrobenzene	µg/L	1	< 1
SCP 060F	* N-Nitrosodimethylamine	µg/L	0.01	< 0.01
SCP 060F	* N-Nitroso-di-n-propylamine	µg/L	0.01	< 0.01

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<b>Customer Sample Ref:</b>	21-0394	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34921 (21-11519)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	10:15

Method:	Parameter:	Units	LOQ	Result
SCP 060F	* N-Nitrosodiphenylamine	µg/L	0.01	< 0.01
SCP 060F	* Pentachlorophenol	µg/L	0.01	< 0.01
SCP 060B	Phenanthrene	µg/L	0.005	0.012
SCP 060F	* Phenol	µg/L	0.01	< 0.01
SCP 060B	Pyrene	µg/L	0.005	< 0.005
SCP 060F	* Pyridine	µg/L	0.01	< 0.01

Volatile Screen (VOC US EPA 624)

**Chemical Analysis: (F)**

SCP 114A	1,1,1,2-Tetrachloroethane	µg/L	1	< 1
SCP 114A	* 1,1,1-Trichloroethane	µg/L	1	< 1
SCP 114A	1,1,2,2-Tetrachloroethane	µg/L	1	< 1
SCP 114A	1,1,2-Trichloroethane	µg/L	1	< 1
SCP 114A	1,1-Dichloroethane	µg/L	1	< 1
SCP 114A	1,1-Dichloroethene	µg/L	1	< 1
SCP 114A	1,1-Dichloropropene	µg/L	0.5	< 0.5
SCP 114A	1,2,3-Trichlorobenzene	µg/L	1	< 1
SCP 114A	1,2,3-Trichloropropane	µg/L	1	< 1
SCP 114A	1,2,4-Trimethylbenzene	µg/L	1	< 1
SCP 114A	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	1	< 1
SCP 114A	1,2-Dibromoethane (EDB)	µg/L	1	< 1
SCP 114A	1,2-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	1,3-Dichloropropane	µg/L	1	< 1
SCP 114A	1,3,5-Trimethylbenzene	µg/L	1	< 1
SCP 114A	1,2-Dichloropropane	µg/L	1	< 1
SCP 114A	1,4-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	2,2-Dichloropropane	µg/L	1	< 1
SCP 114A	2-Chlorotoluene	µg/L	1	< 1
SCP 114A	4-Chlorotoluene	µg/L	1	< 1
SCP 114A	Benzene	µg/L	0.1	< 0.1
SCP 114A	Bromobenzene	µg/L	1	< 1
SCP 114A	* Bromochloromethane	µg/L	1	< 1
SCP 114A	Bromodichloromethane	µg/L	1	< 1
SCP 114A	Bromoform	µg/L	1	< 1
SCP 114A	Bromomethane	µg/L	1	< 1
SCP 114A	Carbon tetrachloride	µg/L	1	< 1
SCP 114A	Chlorobenzene	µg/L	1	< 1
SCP 114A	Chloroethane	µg/L	1	< 1
SCP 114A	Chloroform	µg/L	2	< 2
SCP 114A	Chloromethane	µg/L	1	< 1
SCP 114A	cis-1,2-Dichloroethene	µg/L	1	< 1
SCP 114A	cis-1,3-Dichloropropene	µg/L	1	< 1

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<b>Customer Sample Ref:</b>	21-0394	<b>Customer Sample Code:</b>	
<b>Project:</b>	Analysis of Surface & Ground Waters	<b>Sampled By:</b>	Customer
<b>Our Reference:</b>	34921 (21-11519)	<b>Sample Matrix:</b>	Surface Water
<b>Date Sampled:</b>	24/04/2021	<b>Time Sampled:</b>	10:15

Method:	Parameter:	Units	LOQ	Result
SCP 114A	Dibromochloromethane	µg/L	1	< 1
SCP 114A	Dibromomethane	µg/L	1	< 1
SCP 114A	* Dichlorodifluoromethane	µg/L	1	< 1
SCP 114A	Ethylbenzene	µg/L	0.5	< 0.5
SCP 114A	Isopropylbenzene	µg/L	1	< 1
SCP 114A	m,p Xylene	µg/L	0.5	< 0.5
SCP 114A	n-Butylbenzene	µg/L	1	< 1
SCP 114A	n-Propylbenzene	µg/L	1	< 1
SCP 114A	o Xylene	µg/L	0.5	< 0.5
SCP 114A	4-Isopropyl toluene (p-Cymene)	µg/L	1	< 1
SCP 114A	sec-Butylbenzene	µg/L	1	< 1
SCP 114A	Styrene	µg/L	1	< 1
SCP 114A	tert-Butylbenzene	µg/L	1	< 1
SCP 114A	Tetrachloroethene	µg/L	0.1	< 0.1
SCP 114A	Toluene	µg/L	0.5	< 0.5
SCP 114A	trans-1,2-Dichloroethene	µg/L	1	< 1
SCP 114A	trans-1,3-Dichloropropene	µg/L	1	< 1
SCP 114A	Trichloroethene	µg/L	0.1	< 0.1
SCP 114A	Trichlorofluoromethane	µg/L	1	< 1
SCP 114A	Vinyl Chloride	µg/L	0.1	< 0.1
SCP 114A	1,2,4-Trichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	1,3-Dichlorobenzene	µg/L	0.5	< 0.5
SCP 114A	Hexachlorobutadiene	µg/L	0.5	< 0.5
SCP 114A	Naphthalene	µg/L	0.5	< 0.5
SCP 114A	1,2-Dichloroethane	µg/L	0.2	< 0.2

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