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Job Ref: 20D12642 Order No: 12479 Received On: 22/04/2020

Certificate Of Analysis

LSN: Description: Date Tested: Project Reference: Time Sampled: Sample Matrix:		3H/5103 Western Park Septic Tank 28/04/2020 14:44 e: 4095-4073 11:00 Ground Water		Date Taken: Client: Site: Taken By: Reference Number:	21/04/2020 Leicester City Council Western Park ZH01	
	Test Code (M WA0200 (EIW WA0310-Ta (WA0380 (EIW	/C12) EIWC13)	Analyte Total Iron Total Silver Total Zinc		<u>Result</u> 134000 <1 1200	Units ug/I Fe ug/I Ag
‡	WC0106 (Sub WC0203 (EIV WC0301 (EIV	contracted) VC08)	BOD Whole Sample 5 Day, ATU COD Whole Sample Total Chloride		220 1490 38.9	ug/l Zn O2 mg/l mg/l O2 mg/l Cl
	WC0303 (EIWC01) WC0404 (EIWC01) WC0405B (EIWC01)		Total Sulphate Fluoride Nitrate		3.99 0.318 <1.028	mg/I SO4 mg/I F mg/I NO3
	WC0501 (EIV WC0502 (EIV WC0601C (EIV	VC04) IWC01)	Free Chlorine Total Chlorine Nitrite Ammonium		<0.01 <0.03 <0.01 23	mg/l Cl2 mg/l Cl2 mg/l NO2
	WC0603D (El WC1001 (N0 ⁻ WC1002 (ElW WC1006 (ElW	18) VC02)	pH Electrical Conductivity Total Alkalinity		6.70 698 324	mg/I NH4 pH value uS/cm mg/I CaCO3
	WC1201 (EIV WC1405 (EIV WC1501E (EI	VC01) VC05)	Phosphate Suspended Solids @ 105 C Colour		1.7 2890 48.8	mg/l PO4 mg/l Pt/Co
	WC1502 (EIV WM0160-T (E WM0240-T (E	VC03) EIWC12)	Turbidity Total Calcium Total Magnesium		>4000 118 58.7	NTU mg/l Ca mg/l Mg
	WM0320-T (E	EIWC12)	Total Sodium		23.3	mg/l Na

Report validated by

Water Chemistry Support Manager on 08/05/2020



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Test Deviation - Sample tested outside of stability time for 'Total BOD, Fluoride, Chloride, Sulphate, Nitrate, Ammonium, Chlorine, Orthophosphate, pH & Total Suspended Solids ' analysis, which as a consequence may have affected the validity of the result obtained. Analysis deviated from test method for 'Alkalinity' sample was filtered, which as a consequence may have affected the validity of the result obtained.

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‡ Indicates that this test was subcontracted and not accredited.

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Job Ref: 20D12642 Order No: 12479 Received On: 22/04/2020

Certificate Of Analysis

LSN: Description: Date Tested: Project Reference: Time Sampled: Sample Matrix:		3H/5104 Western Park Septic Tank 28/04/2020 14:44 : 4095-4073 11:00 Ground Water		Date Taken: Client: Site: Taken By: Reference Number:	21/04/2020 Leicester (Western P ZH02	City Council	
	Test Code (M	ethod Ref)	Analyte			Result	Units
	WA0200 (EIW		Total Iron			26700	ug/l Fe
	WA0310-Ta (EIWC13)	Total Silver			<1	ug/l Ag
	WA0380 (EIW	VC12)	Total Zinc			234	ug/l Zn
‡	WC0106 (Sub	contracted)	BOD Whole Sample 5 Day, ATU			200	O2 mg/l
	WC0203 (EIV	VC08)	COD Whole Sample			2300	mg/I O2
	WC0301 (EIV	VC01)	Total Chloride			39.2	mg/l Cl
	WC0303 (EIWC01)		Total Sulphate			8.4	mg/I SO4
	WC0404 (EIV	VC01)	Fluoride			0.350	mg/l F
	WC0405B (EI	IWC01)	Nitrate			<1.028	mg/l NO3
	WC0501 (EIV	VC04)	Free Chlorine			0.60	mg/l Cl2
	WC0502 (EIV	VC04)	Total Chlorine			0.60	mg/l Cl2
	WC0601C (EIWC01)		Nitrite			<0.01	mg/l NO2
	WC0603D (E	IWC01)	Ammonium			21.1	mg/l NH4
	WC1001 (N0 ²	18)	pH			6.85	pH value
	WC1002 (EIV	VC02)	Electrical Conductivity			673	uS/cm
	WC1006 (EIV	VC02)	Total Alkalinity			309	mg/l CaCO3
	WC1201 (EIV	VC01)	Phosphate			8.16	mg/I PO4
	WC1405 (EIV	VC05)	Suspended Solids @ 105 C			3610	mg/l
	WC1501E (EI	IWC01)	Colour			69	Pt/Co
	WC1502 (EIV	VC03)	Turbidity			>4000	NTU
	WM0160-T (E	EIWC12)	Total Calcium			95	mg/I Ca
	WM0240-T (E	EIWC12)	Total Magnesium			24.6	mg/l Mg
	WM0320-T (E	EIWC12)	Total Sodium			26.4	mg/l Na

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 22/04/2020

Certificate Of Analysis

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LSN:		3H/5105		Date Taken:	21/04/2020		
Description: W		Western Park Stop Tap		Client:	Leicester (City Council	
Date Tested:		28/04/2020 14:44		Site:	Western P	ark	
Project Reference: 4		4095-4073	3	Taken By:			
Time Sampled:		11:00		Reference Number:	ZH03		
Sampl	Sample Matrix: Grour		ater				
	Test Code (M	lethod Ref)	Analyte			Result	Units
	WA0200 (EIV	,	Total Iron			236000	ug/l Fe
	WA0310-Ta (Total Silver			1.09	ug/I Ag
	WA0380 (EIWC12)		Total Zinc			2050	ug/I Zn
‡	WC0106 (Sul		BOD Whole Sample 5 Day, ATU			270	O2 mg/l
	WC0203 (EIV		COD Whole Sample			1970	mg/l O2
	WC0301 (EIV	,	Total Chloride			46.7	mg/l Cl
	WC0303 (EIWC01)		Total Sulphate			6.61	mg/l SO4
	WC0404 (EIWC01)		Fluoride			0.625	mg/l F
	WC0405B (EIWC01)		Nitrate			<1.028	mg/l NO3
	WC0501 (EIWC04)		Free Chlorine			0.50	mg/l Cl2
	WC0502 (EIWC04)		Total Chlorine			0.70	mg/l Cl2
	WC0601C (EIWC01)		Nitrite			<0.01	mg/l NO2
	WC0603D (EIWC01)		Ammonium			9.53	mg/l NH4
	WC1001 (N018)		рН			6.66	pH value
	WC1002 (EIV	VC02)	Electrical Conductivity			922	uS/cm
	WC1006 (EIWC02)		Total Alkalinity			424	mg/l CaCO3
	WC1201 (EIWC01)		Phosphate			<0.154	mg/l PO4
	WC1405 (EIV	VC05)	Suspended Solids @ 105 C			4160	mg/l
	WC1501E (E	IWC01)	Colour			90	Pt/Co
	WC1502 (EIV	VC03)	Turbidity			>4000	NTU
	WM0160-T (E	EIWC12)	Total Calcium			361	mg/I Ca
	WM0240-T (E	EIWC12)	Total Magnesium			120	mg/l Mg
	WM0320-T (E	EIWC12)	Total Sodium			19.1	mg/l Na

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LSN: Description: Date Tested: Project Reference: Time Sampled: Sample Matrix:		3H/5106 Western Park Stop Tap 28/04/2020 14:44 : 4095-4073 11:00 Ground Water		Date Taken: Client: Site: Taken By: Reference Number:	21/04/2020 Leicester Ci Western Par ZH04	•	
	Test Code (M	ethod Ref)	Analyte			Result	Units
	WA0200 (EIW		Total Iron			247000	ug/l Fe
	WA0310-Ta (EIWC13)	Total Silver			4.54	ug/l Ag
	WA0380 (EIW	VC12)	Total Zinc			2070	ug/l Zn
‡	WC0106 (Sub	contracted)	BOD Whole Sample 5 Day, ATU			500	O2 mg/l
	WC0203 (EIV	VC08)	COD Whole Sample			2580	mg/l O2
	WC0301 (EIV	VC01)	Total Chloride			61.6	mg/l Cl
	WC0303 (EIWC01)		Total Sulphate			<3.27	mg/I SO4
	WC0404 (EIWC01)		Fluoride			<0.043	mg/l F
	WC0405B (EIWC01)		Nitrate			<1.028	mg/l NO3
	WC0501 (EIWC04)		Free Chlorine			0.50	mg/l Cl2
	WC0502 (EIV	VC04)	Total Chlorine			1.1	mg/I Cl2
	WC0601C (E	IWC01)	Nitrite			<0.01	mg/l NO2
	WC0603D (E	IWC01)	Ammonium			19.3	mg/I NH4
	WC1001 (N0 ²	18)	рН			6.62	pH value
	WC1002 (EIV	VC02)	Electrical Conductivity			1280	uS/cm
	WC1006 (EIV	VC02)	Total Alkalinity			572	mg/l CaCO3
	WC1201 (EIV	VC01)	Phosphate			0.190	mg/l PO4
	WC1405 (EIWC05)		Suspended Solids @ 105 C			2530	mg/l
	WC1501E (EI	IWC01)	Colour			151	Pt/Co
	WC1502 (EIV	VC03)	Turbidity			>4000	NTU
	WM0160-T (E	EIWC12)	Total Calcium			418	mg/l Ca
	WM0240-T (E	EIWC12)	Total Magnesium			134	mg/l Mg
	WM0320-T (E	EIWC12)	Total Sodium			23.8	mg/l Na

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