

A T Services Ld  
 Unit P  
 Linwood Centre  
 Linwood Lane  
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 Leicestershire  
 LE2 6QJ  
 United Kingdom

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

## Certificate Of Analysis

LSN:	3H/5103	Date Taken:	21/04/2020
Description:	Western Park Septic Tank	Client:	Leicester City Council
Date Tested:	28/04/2020 14:44	Site:	Western Park
Project Reference:	4095-4073	Taken By:	[REDACTED]
Time Sampled:	11:00	Reference Number:	ZH01
Sample Matrix:	Ground Water		

<u>Test Code (Method Ref)</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>
WA0200 (EIWC12)	Total Iron	134000	ug/l Fe
WA0310-Ta (EIWC13)	Total Silver	<1	ug/l Ag
WA0380 (EIWC12)	Total Zinc	1200	ug/l Zn
‡ WC0106 (Sub contracted)	BOD Whole Sample 5 Day, ATU	220	O2 mg/l
WC0203 (EIWC08)	COD Whole Sample	1490	mg/l O2
WC0301 (EIWC01)	Total Chloride	38.9	mg/l Cl
WC0303 (EIWC01)	Total Sulphate	3.99	mg/l SO4
WC0404 (EIWC01)	Fluoride	0.318	mg/l F
WC0405B (EIWC01)	Nitrate	<1.028	mg/l NO3
WC0501 (EIWC04)	Free Chlorine	<0.01	mg/l Cl2
WC0502 (EIWC04)	Total Chlorine	<0.03	mg/l Cl2
WC0601C (EIWC01)	Nitrite	<0.01	mg/l NO2
WC0603D (EIWC01)	Ammonium	23	mg/l NH4
WC1001 (N018)	pH	6.70	pH value
WC1002 (EIWC02)	Electrical Conductivity	698	uS/cm
WC1006 (EIWC02)	Total Alkalinity	324	mg/l CaCO3
WC1201 (EIWC01)	Phosphate	1.7	mg/l PO4
WC1405 (EIWC05)	Suspended Solids @ 105 C	2890	mg/l
WC1501E (EIWC01)	Colour	48.8	Pt/Co
WC1502 (EIWC03)	Turbidity	>4000	NTU
WM0160-T (EIWC12)	Total Calcium	118	mg/l Ca
WM0240-T (EIWC12)	Total Magnesium	58.7	mg/l Mg
WM0320-T (EIWC12)	Total Sodium	23.3	mg/l Na

Report validated by

Water Chemistry Support Manager on 08/05/2020



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Job Ref: 20D12642  
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## Certificate Of Analysis

LSN:	<b>3H/5104</b>	Date Taken:	<b>21/04/2020</b>
Description:	<b>Western Park Septic Tank</b>	Client:	<b>Leicester City Council</b>
Date Tested:	<b>28/04/2020 14:44</b>	Site:	<b>Western Park</b>
Project Reference:	<b>4095-4073</b>	Taken By:	<span style="background-color: black; color: black;">[REDACTED]</span>
Time Sampled:	<b>11:00</b>	Reference Number:	<b>ZH02</b>
Sample Matrix:	<b>Ground Water</b>		

Test Code (Method Ref)	Analyte	Result	Units
WA0200 (EIWC12)	Total Iron	26700	ug/l Fe
WA0310-Ta (EIWC13)	Total Silver	<1	ug/l Ag
WA0380 (EIWC12)	Total Zinc	234	ug/l Zn
‡ WC0106 (Sub contracted)	BOD Whole Sample 5 Day, ATU	200	O2 mg/l
WC0203 (EIWC08)	COD Whole Sample	2300	mg/l O2
WC0301 (EIWC01)	Total Chloride	39.2	mg/l Cl
WC0303 (EIWC01)	Total Sulphate	8.4	mg/l SO4
WC0404 (EIWC01)	Fluoride	0.350	mg/l F
WC0405B (EIWC01)	Nitrate	<1.028	mg/l NO3
WC0501 (EIWC04)	Free Chlorine	0.60	mg/l Cl2
WC0502 (EIWC04)	Total Chlorine	0.60	mg/l Cl2
WC0601C (EIWC01)	Nitrite	<0.01	mg/l NO2
WC0603D (EIWC01)	Ammonium	21.1	mg/l NH4
WC1001 (N018)	pH	6.85	pH value
WC1002 (EIWC02)	Electrical Conductivity	673	uS/cm
WC1006 (EIWC02)	Total Alkalinity	309	mg/l CaCO3
WC1201 (EIWC01)	Phosphate	8.16	mg/l PO4
WC1405 (EIWC05)	Suspended Solids @ 105 C	3610	mg/l
WC1501E (EIWC01)	Colour	69	Pt/Co
WC1502 (EIWC03)	Turbidity	>4000	NTU
WM0160-T (EIWC12)	Total Calcium	95	mg/l Ca
WM0240-T (EIWC12)	Total Magnesium	24.6	mg/l Mg
WM0320-T (EIWC12)	Total Sodium	26.4	mg/l Na

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Water Chemistry Support Manager on 08/05/2020



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## Certificate Of Analysis

LSN:	<b>3H/5105</b>	Date Taken:	<b>21/04/2020</b>
Description:	<b>Western Park Stop Tap</b>	Client:	<b>Leicester City Council</b>
Date Tested:	<b>28/04/2020 14:44</b>	Site:	<b>Western Park</b>
Project Reference:	<b>4095-4073</b>	Taken By:	<span style="background-color: black; color: black;">[REDACTED]</span>
Time Sampled:	<b>11:00</b>	Reference Number:	<b>ZH03</b>
Sample Matrix:	<b>Ground Water</b>		

Test Code (Method Ref)	Analyte	Result	Units
WA0200 (EIWC12)	Total Iron	236000	ug/l Fe
WA0310-Ta (EIWC13)	Total Silver	1.09	ug/l Ag
WA0380 (EIWC12)	Total Zinc	2050	ug/l Zn
‡ WC0106 (Sub contracted)	BOD Whole Sample 5 Day, ATU	270	O2 mg/l
WC0203 (EIWC08)	COD Whole Sample	1970	mg/l O2
WC0301 (EIWC01)	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)	pH	6.66	pH value
WC1002 (EIWC02)	Electrical Conductivity	922	uS/cm
WC1006 (EIWC02)	Total Alkalinity	424	mg/l CaCO3
WC1201 (EIWC01)	Phosphate	<0.154	mg/l PO4
WC1405 (EIWC05)	Suspended Solids @ 105 C	4160	mg/l
WC1501E (EIWC01)	Colour	90	Pt/Co
WC1502 (EIWC03)	Turbidity	>4000	NTU
WM0160-T (EIWC12)	Total Calcium	361	mg/l Ca
WM0240-T (EIWC12)	Total Magnesium	120	mg/l Mg
WM0320-T (EIWC12)	Total Sodium	19.1	mg/l Na

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## Certificate Of Analysis

LSN:	3H/5106	Date Taken:	21/04/2020
Description:	Western Park Stop Tap	Client:	Leicester City Council
Date Tested:	28/04/2020 14:44	Site:	Western Park
Project Reference:	4095-4073	Taken By:	
Time Sampled:	11:00	Reference Number:	ZH04
Sample Matrix:	Ground Water		

Test Code (Method Ref)	Analyte	Result	Units
WA0200 (EIWC12)	Total Iron	247000	ug/l Fe
WA0310-Ta (EIWC13)	Total Silver	4.54	ug/l Ag
WA0380 (EIWC12)	Total Zinc	2070	ug/l Zn
‡ WC0106 (Sub contracted)	BOD Whole Sample 5 Day, ATU	500	O2 mg/l
WC0203 (EIWC08)	COD Whole Sample	2580	mg/l O2
WC0301 (EIWC01)	Total Chloride	61.6	mg/l Cl
WC0303 (EIWC01)	Total Sulphate	<3.27	mg/l 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 (EIWC04)	Total Chlorine	1.1	mg/l Cl2
WC0601C (EIWC01)	Nitrite	<0.01	mg/l NO2
WC0603D (EIWC01)	Ammonium	19.3	mg/l NH4
WC1001 (N018)	pH	6.62	pH value
WC1002 (EIWC02)	Electrical Conductivity	1280	uS/cm
WC1006 (EIWC02)	Total Alkalinity	572	mg/l CaCO3
WC1201 (EIWC01)	Phosphate	0.190	mg/l PO4
WC1405 (EIWC05)	Suspended Solids @ 105 C	2530	mg/l
WC1501E (EIWC01)	Colour	151	Pt/Co
WC1502 (EIWC03)	Turbidity	>4000	NTU
WM0160-T (EIWC12)	Total Calcium	418	mg/l Ca
WM0240-T (EIWC12)	Total Magnesium	134	mg/l Mg
WM0320-T (EIWC12)	Total Sodium	23.8	mg/l Na

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