

Pascal Rooney
 Monaghan County Council
 Water Services
 M-TEC 2
 Armagh Road
 Monaghan

TEST REPORT

Date Samples Received: 09/01/2019
 Date Analysis Commenced: 09/01/2019
 Date Analysis Completed: 21/01/2019

Date of Issue: 21/01/2019
 Test Report Ref: 1190721
 Customer O/No:

SAMPLE DESCRIPTION	RESULT	PARAMETRIC VALUE	METHOD	SAMPLE DATE	LAB REF
NO 21 CLONSEADY MAGHERACLOONE GWS 281498 300259				09/01/2019 12:45	11903058
# 1,2 dichloroethane (µg/L)	<0.1	3	TM56		
* 1,2,3-TCB (µg/L) (subcontracted)	<0.005	n/a			
* 2,4-D (µg/L) (Subcontracted)	<0.005	0.1			
# Aluminium (µg Al/l)	<8	200	TM58		
# Ammonium (mgNH4/l)	<0.005	0.3	TM50		
# Antimony (µgSb/l)	<0.1	5	TM64		
# Apparent colour (mg/L Pt/Co)	4.3	n/a	TM62		
# Arsenic (µg As/l)	0.27	10	TM64		
* Atrazine (µg/L) (Subcontracted)	<0.005	0.1			
* Bentazone (µg/L) (Subcontracted)	<0.005	0.1			
# Benzene (µg/l)	<0.1	1	TM56		
* Benzo(a)pyrene (µg/l) (Subcontracted)	<0.003	0.01			
* Benzo(b)fluoranthene (µg/l) (Subcontracted)	<0.01	n/a			
* Benzo(ghi)perylene (µg/l) (Subcontracted)	<0.01	n/a			
* Benzo(k)fluoranthene (µg/l) (Subcontracted)	<0.01	n/a			
* Boron (mg B/l) (Subcontracted)	<0.02	1			
# Bromate (µg BrO3/l)	1.1	10	TM54		
# Bromodichloromethane (µg/l)	15	n/a	TM55		
# Bromoform (µg/l)	<2	n/a	TM55		
# Cadmium (µg Cd/l)	<0.1	5	TM64		
* Chlorfenvinphos (µg/L) (Subcontracted)	<0.005	0.1			

SAMPLE DESCRIPTION	RESULT	PARAMETRIC VALUE	METHOD	SAMPLE DATE	LAB REF
# Chloride (mgCl/l)	15	250	TM57		
# Chloroform (µg/l)	44	n/a	TM55		
# Chromium (µg Cr/l)	<0.5	50	TM64		
# Cl. perfringens (cfu/100ml)	0	0	TM36		
* Clopyralid (µg/L) (Subcontracted)	<0.005	0.1			
# Conductivity (µS/cm) at 20°C	200	2500	TM51		
# Copper (mg Cu/l)	0.013	2	TM64		
* Cyanide (µg Cn/l) (Subcontracted)	<1.2	50			
* Cypermethrin (µg/L) (Subcontracted)	<0.003	0.1			
# Dibromochloromethane (µg/l)	3.4	n/a	TM55		
* Dichlobenil (µg/L) (Subcontracted)	<0.003	0			
* Dichlorprop (µg/L) (Subcontracted)	<0.005	0.1			
* Diflufenican (µg/L) (Subcontracted)	<0.005	0.1			
* Diuron (µg/L) (Subcontracted)	<0.005	0.1			
# E.coli (confirmed) (cfu/100ml)	0	0	TM18		
# Enterococci (cfu/100ml)	19	0	TM19		
# Fluoride (mg F/l)	<0.1	0.8	TM57		
* Free - Residual Disinfectant (mg Cl/l)	0.18	n/a			
* Glyphosate (µg/L) (Subcontracted)	<0.005	0.1			
# Hydrogen Ion (pH)	7.9	6.5 - 9.5	TM51		
* Indeno(1,2,3-cd)pyrene (µg/l) (Subcontracted)	<0.005	n/a			
# Iron (µgFe/l)	<10	200	TM58		
* Isoproturon (µg/L) (Subcontracted)	<0.005	0.1			
# Lead (µgPb/L)	0.19	10	TM82		
* Linuron (µg/L) (Subcontracted)	<0.005	0.1			
# Manganese (µgMn/l)	<2	50	TM58		
* MCPA (µg/L) (Subcontracted)	<0.005	0.1			
* MCPP(Mecoprop) (µg/L) (Subcontracted)	<0.005	0.1			
* Mercury (µg Hg/l) (Subcontracted)	<0.02	1			
* Metaldehyde (Subcontracted)	<0.005	0.1			

Test Report Ref: 1190-721

Page 2 of 4

SAMPLE DESCRIPTION	RESULT	PARAMETRIC VALUE	METHOD	SAMPLE DATE	LAB REF
# Nickel (µg Ni/l)	0.64	20	TM64		
# Nitrate (mg NO3/l)	3.6	50	TM57		
# Nitrite (mg NO2/l)	<0.007	0.5	TM57		
# Odour (Dilution nr./Descriptor)	0	n/a	TM53		
* Pendimethalin (µg/L) (Subcontracted)	<0.003	0.1			
* Pesticides: Total (µg/l) (Subcontracted)	<0.01	0.5			
* Polycyclic Aromatic Hydrocarbons (µg/l) (Subcon)	<0.01	0.1			
* Propyzamide (µg/L) (Subcontracted)	0.005	0.1			
# Selenium (µg Se/l)	<0.1	10	TM64		
* Simazine (µg/L) (Subcontracted)	<0.005	0.1			
* Sodium (mgNa/l) (Subcontracted)	10.1	200			
# Sulphate (mgSO4/l)	9	250	TM57		
# Taste (Dilution nr./Descriptor)	0	n/a	TM53		
* Temperature (°C)	9	n/a			
# Tetrachloroethene & trichloroethene (µg/l)	<0.2	10	TM56		
* Total - Residual Disinfectant (mg Cl/l)	0.45	n/a			
# Total Coliform (cfu/100ml)	0	0	TM18		
# Total Organic Carbon (mgC/l)	3.5	n/a	TM98		
# Total Trihalomethanes (µg/l)	62	100	TM55		
* Triclopyr (µg/L) (Subcontracted)	<0.005	0.1			
# Turbidity (NTU)	0.089	n/a	TM52		
# TVC @ 22°C (cfu/ml)	52	n/a	TM20		

Test Report Ref: 1190-721

Page 3 of 4

SAMPLE DESCRIPTION	RESULT	PARAMETRIC VALUE	METHOD	SAMPLE DATE	LAB REF
--------------------	--------	------------------	--------	-------------	---------

Karen Topping

KAREN TOPPING (QUALITY MANAGER)

Results of analysis relate only to samples as received and tested on the date(s) detailed above
 Condition of all samples on receipt was satisfactory, unless otherwise indicated.
 This test report should not be reproduced except in full, without written approval of the laboratory.
 * Denotes results not covered by the scope of accreditation for Biosearch
 # Denotes results are covered by the scope of accreditation for Biosearch

