



Complete Laboratory Solutions

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CERTIFICATE OF ANALYSIS

Client : Michael J. Murphy
 Kiltiernan Group Water Scheme
 Caheradoo
 Kilcolgan
 Co. Galway

Report No. : 334203
 Date of Receipt : 11/07/2017
 Start Date of Analysis : 11/07/2017
 Date of Report : 27/07/2017
 Order Number :
 Sample taken by : Client

Lab No	Sample Description	Test	Ref.	Result	Units
781726	Kiltiernan GWS Well Water. 11/07/17	BOD	I, R	<1	mg/l
		Colour	I, R	416	mg/l Pt Co
		COD	I, R	<10	mg/l
		Turbidity	I, R	0.2	N.T.U.
		pH	I, R	7.1	pH Units
		Conductivity @20C	I, R	752	uS/cm
		Nitrite as N	I, R	<0.005	mg/l
		Copper, total	I, R	<1	ug/l
		Sodium, total	I, R	14	mg/l
		Chloride	I, R	25.2	mg/l
		Ammonium as NH4	I, R	0.03	mg/l
		Nitrate as NO3	I, R	15.2	mg/l
		Dissolved Oxygen (%)	R	90 @lab	%Sat
		Iron, total	I, R	<10	ug/l
		Potassium, total	I, R	8	mg/l
		Total Hardness (Kone)	I, R	330	mg/l CaCO3
		Magnesium, total	I, R	9	mg/l
		Silica as Si O2 (reactive)	S	3.04	mg/l
		Sulphate	I, R	26.1	mg/l
		Orthophosphate as PO4-P	I, R	0.046	mg/l
		Arsenic, total	I, R	1	ug/l
		Manganese, total	I, R	<5	ug/l
		Zinc, total	I, R	7	ug/l
		Calcium, total	I, R	124	mg/l
		Aluminium, dissolved	I, R	3	ug/l
		Iron, dissolved	I, R	<10	ug/l
		Manganese, dissolved	I, R	<5	ug/l
		Copper, dissolved	I, R	<1	ug/l
		Lead, dissolved	I, R	<0.5	ug/l
		Chromium, dissolved	I, R	<0.5	ug/l
		Nickel, dissolved	I, R	1	ug/l
		Cadmium, dissolved	I, R	<0.5	ug/l
		Arsenic, dissolved	I, R	1	ug/l
		Zinc, dissolved	I, R	<5	ug/l
		Barium, dissolved	I, R	13	ug/l
		PAH-16 by GCMS	S	<0.01	ug/l
		TOC	I, R	2.01	mg/l
		Clostridium Perfringens in Water	I, R	0	cfu/100ml
		Strontium, dissolved	I, R	181	ug/l
		E coli (Filtration) (Environmental Waters)	I, R	31	cfu/100ml
Total Coliforms (Filtration) (Environmental Waters)	I, R	31	cfu/100ml		
TPH (>C5 -C44) by GC-FID	I, R	69 ** Unknown Pattern	ug/l		

** Note: The comment expressed here is an interpretation and is not INAB accredited