Schedule of Accreditation

Organisation Name	Eurofins Environment Testing Ireland Ltd
Trading As	
INAB Reg No	138T
Contact Name	Sumit Yadav
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Accreditation Standard	EN ISO/IEC 17025 T
Standard Version	2017
Date of award of accreditation	19/05/2003

Scope Classification	Chemical Testing

Services available to the public[1]

[1] Refer to document on interpreting INAB Scopes of Accreditation

Sites from which accredited services are delivered		
(the detail of the accredited services delivered at each site are on the Scope of Accreditation)		
	Name	**Address**
1	Cork Laboratory	Hoffman Park, Little Island, Cork, Ireland, T45 PC80

Scope of Accreditation

Cork Laboratory

Chemical Testing

Category: A

Chemistry Field - Tests	Test name	Analyte	Range of measurement	Matrix	Equipment/technique	Standard reference/SOP
766 Environmental testing (inc waters) - .01 Metal analysis	ICPMS Metals Trace/Dissolved[1234]	Aluminium (µg/l)	5-7500	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188
		Antimony (µg/l)	0.1-30	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188
		Arsenic (µg/l)	0.2-60	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188

		Barium (µg/l)	1.77-300	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188
		Beryllium (µg/l)	1-300	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188
		Boron (mg/l)	0.21-6	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188
		Cadmium (µg/l)	0.1-30	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188
		Calcium (mg/l)	1.08-300	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188
		Chromium (µg/l)	1-300	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188

Cobalt (µg/l)	1-300	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188
Copper (mg/l)	0.003-9	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188
Iron (µg/l)	5-7500	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188
Lead (µg/l)	0.51-450	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188
Magnesium (mg/l)	1.11-90	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188
Manganese (µg/l)	1-1500	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188

		Mercury (µg/l)	0.03-6	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188
		Molybdenum (µg/l)	1-300	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188
		Nickel (µg/l)	0.5-150	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188
		Potassium (mg/l)	0.15-60	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188
		Selenium (µg/l)	0.2-60	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188
		Sodium (µg/l)	1.5-450	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188

		Strontium (ug/l)	1-300	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188
		Tin (µg/l)	1-300	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188
		Titanium (µg/l)	1-300	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188
		Total Hardness by Calculation (mg/l CaCO3)	3-330	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	Determination of Total Hardness	Documented In-house methods calculation based on APHA 2340B Determination of Total Hardness. EW188
		Vanadium (µg/l)	1-300	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188
		Zinc (µg/l)	1 - 300	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	ICP-MS	Documented In-house methods based: USEPA Method 200.8 (1999) Metals by ICP-MS. EW188

766 Environmental testing (inc waters) - .02 Biochemical oxygen demand	BOD by Automated Analyzer Method 134	BOD	1 to 1300 mg/L	.99 Other waters Ground water Surface water Waste water - Untreated - Treated - Trade	Biochemical Oxygen Demand by Automated Analyzer	Documented in-house methods based on: APHA 5210B EN1899-1:1998 Biochemical Oxygen Demand EW001R
	cBOD by Automated Analyzer Method 134	cBOD	1 to 1300 mg/L	.99 Other waters Ground water Surface water Waste water - Untreated - Treated - Trade	Carbonaceous Biochemical Oxygen Demand by Automated Analyzer	Documented in-house methods based on: APHA 5210B EN1899-1:1998 Biochemical Oxygen Demand EW001R
766 Environmental testing (inc waters) - .03 Chemical oxygen demand	Chemical Oxygen Demand by Closed Reflux Colorimetry[134]	COD(mg/l)	High Range 8-10,000	01 Waters for potable and domestic purposes .99 Other waters Ground water Surface water Waste water - Untreated/Influent - TradeTreated/Effluent -	Closed Reflux Colorimetry	Documented in-house methods based on: APHA 5220D (2012) closed Reflux Colorimetric. EW094
			Low Range 8-1,500	01 Waters for potable and domestic purposes .99 Other waters Ground water Surface water Waste water - Untreated/Influent - Treated/Effluent - Trade	Closed Reflux Colorimetry	Documented in-house methods based on: APHA 5220D (2012) closed Reflux Colorimectric. EW094

766 Environmental testing (inc waters) - .04 Organic	Acid Herbicides^1234	236 - Trichlorobenzoic, 24-D, 24-DB, Bentazone, Boscalid, Clopyralid, Dicamba, Dichloroprop, Fluroxypyr, MCPA, MCPB, Mecoprop (MCPP), Pentachlorophenol (PCP), Picloram, Triclopyr, Quinmerac, Bromoxynil, Ioxynil, 2,4,5-T, Bromacil	0.01µg/L - 1 µg/L	01 Waters for potable and domestic purposes .99 Other waters Ground water Surface water	LCMSMS	Documented In-house methods based on: Test Method EO162; USEPA Method 538-1, USEPA Method 535
	Suite A (Organophosporus Pesticides, Triazines, Urons and other pesticides)^1234	Chlorfeniphos, Diazinon, Atrazine, Propyzamide, Simazine, Chlorotoluron, Diuron, Isoproturon, Linuron, Chloropham, Epoxiconazole, Metaldehyde, Metazachlor,	0.01µg/L - 1 µg/L	01 Waters for potable and domestic purposes .99 Other waters Ground water Surface water	LCMSMS	Documented In-house methods based on: Test Method EO165; USEPA Method 538-1, USEPA Method 536
	Total Pesticides (Calculation)	Total Pesticides	0.01 - 1 ug/l	.01 Water for potable and domestic purposes .99 Other waters	Total Pesticides by Calculation	Documented in-house methods based on: EO196

				Ground water Surface water		
	Volatile Organic Carbons (VOC & THM) in Water by Headspace GC/MS	Bromoform Bromodichloromethane Chloroform Dibromochloromethane Total THM's (Sum) Benzene 1,2-dichloroethane Tetrachloroethene Trichloroethene Total Tetra/Tri (Sum)	Bromoform 2-50 µg/l Bromodichloromethane 2-50 µg/l Chloroform 2-150 µg/l Dibromochloromethane 2-50 µg/l Total THM's (Sum) 2-150 µg/l Benzene 0.1-50 µg/l 1,2-dichloroethane 0.1-50 µg/l Tetrachloroethene 0.5-50 µg/l Trichloroethene 0.5-50 µgl Total Tetra/Tri (Sum) 0.5-50 µg/l	.01 Water for potable and domestic purposes .99 Other waters Surface water	Headspace GCMS	US EPA 5021A /USEPA Method 524.2/EO025HS
766 Environmental testing (inc waters) - .05 Inorganic	Dissolved Oxygen[134]	Dissolved Oxygen (mg/l)	1 - 10	01 Waters for potable and domestic purposes .99 Other waters Ground water Surface water Waste water - Untreated/Influent - Treated/Effluent - Trade	DO Meter	Documented in-house methods based on: APHA 4500G Dissolved oxygen measurement EW043
	Fluoride[1234]	Flouride	0.1 to 2 mg/l	01 Waters for potable and domestic purposes .99 Other waters Ground water Surface water Waste water - Untreated/Influent	Fluoride by IC	Documented in-house methods based on: USEPA Method 300.1 (1997). Flouride by IC. EW206

			- Treated/Effluent - Trade		
		0.1 to 2 mg/l	01 Waters for potable and domestic purposes .99 Other waters Ground water Surface water Waste water - Untreated/Influent - Treated/Effluent - Trade	Fluoride by IC	Documented in-house methods based on: USEPA Method 300.1 (1997). Flouride by IC. EW137
Gallery Plus Discrete Analyser Tests [1234]	Ammonia as N (mg/l N)	0.05- 0.5	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on: APHA 4500NH3G. EW175
	Ammonia as N mg/l	0.01-10	.99 Other waters Waste water - Untreated/Influent - TradeTreated/Effluent -	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on:APHA 4500NH3G EW175
	Ammonia as NH3 by Calculation (mg/l NH3)	0.01-12	.99 Other waters Waste water - Untreated/Influent - TradeTreated/Effluent -	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on:APHA 4500NH3G EW175
		0.06-0.608	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on:

					APHA 4500NH3G. EW175
		Ammonia High as N mg/l	1-10	.99 Other waters Waste water - Untreated/Influent - TradeTreated/Effluent -	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on:APHA 4500NH3G EW175
		Ammonium as NH4 by Calculation (mg/l NH4)	0.01-12.9	.99 Other waters Waste water - Untreated/Influent - TradeTreated/Effluent -	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on:APHA 4500NH3G EW175
			0.06-0.644	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on: APHA 4500NH3G. EW175
		Chloride (mg/l)	5-100	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on:APHA4500-CL G (2012) EW175
		Chloride mg/l	5-100	.99 Other waters Waste water - Untreated/Influent - TradeTreated/Effluent -	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on:APHA 4500 Cl G EW175

Colour (PtCo-Hazen)	5 - 50	.01 Water for potable and domestic purposes	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on:APHA 2120C (2012) EW175
Fluoride (mg/l)	0.2-2	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on:EPA340.3 EW175
Nitrate by Calculation (mg/l N)	1- 15	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on:USEPA 353.1.Rev 1 EW175
Nitrate by Calculation (mg/l NO3)	4.4-66	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on:USEPA 353.1.Rev 1 EW175
Nitrite (mg/l N)	0.1-0.5	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on:APHA 4500- NO2 (2012) EW175
Nitrite as N mg/l	0.01-0.5	.99 Other waters Waste water - Untreated/Influent - TradeTreated/Effluent -	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on:APHA 4500

				NO2 G EW175
Nitrite as NO2 by calculation (mg/l NO2)	0.33-1.6	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on:APHA 4500- NO2 (2012) EW175
Orthophosphate-MRP (mg/l P)	0.05-0.5	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on:USEPA 365.1 EW175
Orthophosphate-MRP as P mg/l	0.01-20	.99 Other waters Waste water - Untreated/Influent - TradeTreated/Effluent -	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on:USEPA 365.1 EW175
Phosphate by Calculation (mg/l P2O5)	0.02-1.15	.99 Other waters Waste water - Untreated/Influent - TradeTreated/Effluent -	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on:USEPA 365.1 EW175
	0.11-1.15	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on:USEPA 365.1 EW175

		Phosphate by Calculation (mg/l PO4)	0.03-1.5	.99 Other waters Waste water - Untreated/Influent - TradeTreated/Effluent -	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on:USEPA 365.1 EW175
			0.15-1.5	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on:USEPA 365.1 EW175
		Phosphate High as P	2-20mg/l	.99 Other waters Waste water - Untreated/Influent - TradeTreated/Effluent -	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on:USEPA 365.1 EW175
		Sulphate (mg/l)	1- 100	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on:APHA 4500- SO4 E EW175
		TON	1- 15	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry based on:USEPA 353.1.Rev 1 EW175
		TON as N mg/l	1.5-15	.99 Other waters Waste water - Untreated/Influent -	Autoanalyser Spectrophotometry	Documented in-house method by Autoanalyser Spectrophotometry

				TradeTreated/Effluent -		based on:USEPA 353.1.Rev 1 EW175
	ICPMS Metals Total	Total Aluminium (ug/l)	15-22500	.99 Other waters Waste water - Untreated/Influent - Treated/Effluent - Trade	Digestion ICPMS	Documented in-house method based on USEPA Method 200.8 EW187
		Total Antimony (ug/l)	0.3-90	.99 Other waters Waste water - Untreated/Influent - Treated/Effluent - Trade	Digestion ICPMS	Documented in-house method based on USEPA Method 200.8 EW187
		Total Arsenic (ug/l)	0.6-180	.99 Other waters Waste water - Untreated/Influent - Treated/Effluent - Trade	Digestion ICPMS	Documented in-house method based on USEPA Method 200.8 EW187
		Total Barium (ug/l)	3-900	.99 Other waters Waste water - Untreated/Influent - Treated/Effluent - Trade	Digestion ICPMS	Documented in-house method based on USEPA Method 200.8 EW187
		Total Beryllium (ug/l)	3-900	.99 Other waters Waste water - Untreated/Influent - Treated/Effluent - Trade	Digestion ICPMS	Documented in-house method based on USEPA Method 200.8 EW187
		Total Boron (mg/l)	0.6-18	.99 Other waters Waste water - Untreated/Influent - Treated/Effluent - Trade	Digestion ICPMS	Documented in-house method based on USEPA Method 200.8 EW187
		Total Cadmium (ug/l)	0.3-90	.99 Other waters Waste water - Untreated/Influent	Digestion ICPMS	Documented in-house method based on USEPA Method 200.8 EW187

		- Treated/Effluent - Trade		
Total Calcium (mg/l)	3-900	.99 Other waters Waste water - Untreated/Influent - Treated/Effluent - Trade	Digestion ICPMS	Documented in-house method based on USEPA Method 200.8 EW187
Total Chromium (ug/l)	3-900	.99 Other waters Waste water - Untreated/Influent - Treated/Effluent - Trade	Digestion ICPMS	Documented in-house method based on USEPA Method 200.8 EW187
Total Cobalt (ug/l)	3-900	.99 Other waters Waste water - Untreated/Influent - Treated/Effluent - Trade	Digestion ICPMS	Documented in-house method based on USEPA Method 200.8 EW187
Total Copper (mg/l)	0.009-27	.99 Other waters Waste water - Untreated/Influent - Treated/Effluent - Trade	Digestion ICPMS	Documented in-house method based on USEPA Method 200.8 EW187
Total Iron (ug/l)	15-22500	.99 Other waters Waste water - Untreated/Influent - Treated/Effluent - Trade	Digestion ICPMS	Documented in-house method based on USEPA Method 200.8 EW187
Total Lead (ug/l)	1.5-1350	.99 Other waters Waste water - Untreated/Influent - Treated/Effluent - Trade	Digestion ICPMS	Documented in-house method based on USEPA Method 200.8 EW187
Total Magnesium (mg/l)	3-270	.99 Other waters Waste water - Untreated/Influent	Digestion ICPMS	Documented in-house method based on USEPA Method 200.8 EW187

		- Treated/Effluent - Trade		
Total Manganese (ug/l)	3-4500	.99 Other waters Waste water - Untreated/Influent - Treated/Effluent - Trade	Digestion ICPMS	Documented in-house method based on USEPA Method 200.8 EW187
Total Mercury (ug/l)	0.09-18	.99 Other waters Waste water - Untreated/Influent - Treated/Effluent - Trade	Digestion ICPMS	Documented in-house method based on USEPA Method 200.8 EW187
Total Molybdenum (ug/l)	3-900	.99 Other waters Waste water - Untreated/Influent - Treated/Effluent - Trade	Digestion ICPMS	Documented in-house method based on USEPA Method 200.8 EW187
Total Nickel (ug/l)	1.5-450	.99 Other waters Waste water - Untreated/Influent - Treated/Effluent - Trade	Digestion ICPMS	Documented in-house method based on USEPA Method 200.8 EW187
Total Potassium (mg/l)	1-180	.99 Other waters Waste water - Untreated/Influent - Treated/Effluent - Trade	Digestion ICPMS	Documented in-house method based on USEPA Method 200.8 EW187
Total Selenium (ug/l)	0.6-180	.99 Other waters Waste water - Untreated/Influent - Treated/Effluent - Trade	Digestion ICPMS	Documented in-house method based on USEPA Method 200.8 EW187
Total Sodium (mg/l)	4.5-1350	.99 Other waters Waste water - Untreated/Influent	Digestion ICPMS	Documented in-house method based on USEPA Method 200.8 EW187

				- Treated/Effluent - Trade		
		Total Strontium (ug/l)	3-900	.99 Other waters Waste water - Untreated/Influent - Treated/Effluent - Trade	Digestion ICPMS	Documented in-house method based on USEPA Method 200.8 EW187
		Total Zinc (ug/l)	3-900	.99 Other waters Waste water - Untreated/Influent - Treated/Effluent - Trade	Digestion ICPMS	Documented in-house method based on USEPA Method 200.8 EW187
	Suspended Solids[1234]	Suspended Solids (mg/l)	5-1000	01 Waters for potable and domestic purposes .99 Other waters Ground water Surface water Waste water - Untreated/Influent - Treated/Effluent - Trade	Gravimetric	Documented in-house methods based on: APHA 2540D Suspended solids by Gravimetric analysis EW013
	TOC/DOC[1234]	TOC/DOC (mg/l)	1 - 100	01 Waters for potable and domestic purposes .99 Other waters Ground water Surface water Waste water - Untreated/Influent - Treated/Effluent - Trade	TOC analyzer	Documented in-house method based on: USEPA Method 415.3 Total Organic Carbon by Combustion Oxidation. EW123
	Total Dissolved Solids[1234]	TDS	15-1000 mg/l	01 Waters for potable and domestic purposes .99 Other waters Ground water	Total Dissolved Solids @180C	APHA 2540C (2012) Total Dissolved Solids at 180C EW046

			Surface water Waste water - Untreated/Influent - Treated/Effluent - Trade		
Total Kjeldahl Nitrogen[134]	Total Kjeldahl Nitrogen by Calculation (mg/l)	1-49	"01 Waters for potable and domestic purposes .99 Other waters Ground water Surface water Waste water - Untreated/Influent - Treated/Effluent - Trade"	Nitrogen by calculation	Documented in-house methods based on: Nitrogen by calculation EW010
Total Nitrogen[1234]	Total Nitrogen	1-150 mg/l	.99 Other waters Ground water Surface water Waste water - Untreated/Influent - Treated/Effluent - Trade	Total Nitrogen by Ganimede Automatic analyser	Documented in-house methods based on: APHA 4500NB EW196
	Total Nitrogen (mg/l)	1-150	.99 Other waters Ground water Surface water Waste water - Untreated/Influent - Treated/Effluent - Trade	TN Analyser	Documented in-house methods based on: APHA 4500NB (2012) by TN Analyser. EW197
		1-150	01 Waters for potable and domestic purposes .99 Other waters Ground water Surface water Waste water - Untreated/Influent	TN Analyser	Documented in-house methods based on: APHA 4500NB (2012) by TN Analyser. EW140

				- Treated/Effluent - Trade		
	Total Phoshorus[1234]	Total Phosphorus (mg/l)	0.02 -50	01 Waters for potable and domestic purposes .99 Other waters Ground water Surface water Waste water - Untreated/Influent - Treated/Effluent - Trade	Total Phosphorus by Ganimede	Documented in-house methods based on:APHA 4500 PJ Total Phosphorus by Ganimede. EW 146
	Turbidity Measurement[134]	Turbidity (NTU)	0.12 - 150	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	Turbidity Technique	Documented in-house methods based on: ISO 7027:1999 EW136
	UV Spectrometry[134]	UV Absorbance (cm1)	0.014- 1	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	UV Spectrometry @254nm	Documented in-house methods based on: EW182 - USEPA 415.3, Standard method 5910B
		UV Transmittance (%)	10-96	.01 Water for potable and domestic purposes .99 Other waters Ground water Surface water	UV Spectrometry @254nm	Documented in-house methods based on: EW182 - USEPA 415.3, Standard method 5910B
767 Physical test/measurement - .01 pH	pH Measurement by Automated Analyzer Method 1234	pH	4-10 pH units	.99 Other waters Ground water Surface water Waste water - Untreated - Treated - Trade	pH Meter by Automated Analyzer	Documented in-house methods based on: APHA method 2510B EW152R

767 Physical test/measurement - .02 Conductivity	Conductivity by Automated Analyzer Method 1234	Conductivity	91-11656µS/cm @20DegC	.99 Other waters Ground water Surface water Waste water - Untreated - Treated - Trade	Conductivity Meter by Automated Analyzer	Documented in-house methods based on: APHA method 2510B EW152R
767 Physical test/measurement - .03 Suspended Solids	Total solids	Total solids %	0.1 - 99 %	.99 Other Waters Soils Solid Waste	Gravimetric	Documented in-house methods based on: USEPA 1684. EW203

The laboratory has been awarded flexible scope in the scope classifications as noted in the scope document and in accordance with the laboratory's approved and documented procedures.

Note 1 - Range may be extended for the test
Note 2 – New parameters/tests may be added
Note 3 – New matrices may be added
Note 4 – Changes to equipment/kits where the underlying methodology does not change
For further details please refer to the laboratory's 'List of flexible scope changes', available directly from the laboratory.