FHP & FWF - Wastewater, Groundwater & Surface Water Database
(RSK File Ref. 603676-Hydro-R01-App05-(00))
(SK, CMc, JS 16/02/2023)

Sample Details	Units	Environmental Quality Standard (EQS) Combination	Surface Water Regs: SW Regs (River)	Surface Water Regs: Annual Average AA - EQS (Inland surface waters)	Surface Water Regs: AA - EQS (Other surface waters)	Surface Water Regs: Maximum allowable concentration: MAC - EQS Inland surface waters	Surface Water Regs: MAC - EQS Other surface waters	SALMONID REGULATIONS (* FOR COMPARISON)	WQ (Dangerous Substances) Regulations 2001 (applies to all waters other than groundwaters) METAL ANALYSIS ENOUGH DE FOR: Standard (ug/l) for fresh water <100 hardness / >100 hardness	Standard (ug/l) For Tidal Waters	EXAMPLE LICENCE: Discharge Licence D0206-01 Unnamed tributary of the Legarhill River GBNI1NW363602097	Discharge Licence D0437-01 Brogeen SW_18_2121
Field Data - Discharge												
Surface Water Feature	Type											
Description of sample location	Type											
Total Rain 3 Days Prior	mm/72hours											
Monitoring Conditions	desc											
Estimated Discharge Rate (Q) (SITE)	l/sec											
RIVER CHANNEL												
Width of Water Body	m											
Width / 3												
Depth Edge	m											
Depth 1	m											
Depth 2	m											
Depth 3	m											
Depth Edge	m											
Area	m2											
Distance												
Seconds												
Flow Velocity (V) - Approximate	m/sec											
Friction Comment	#											
Friction Loss Correction	%											
Discharge Rate (Q)	m3/sec											
Discharge Rate (Q)	l/sec											
Field Data - Hydrochemistry												
Clarity												
Colour												
Odour												
pH	pH Units	4.5 - 9	Soft water	n/a	n/a	n/a	n/a	6 - 9			6 to 9	6 to 9
Conductivity	mS/cm	1 .0mS/cm or										
Temperature	deg. C	<21.5 or no +1.5C	Not greater	n/a	n/a	n/a	n/a	21.5				
Laboratory Data - Hydrochemistry												
Alkalinity, Bicarbonate as CaCO3	mg/l											
Alkalinity, Total as CaCO3	mg/l											
Ammoniacal Nitrogen, NH4+												
NH4 to N convert factor												
Ammoniacal Nitrogen as N (low level)	mg/l	0.02						0.02 (Ammonia (non-ionized) n			0.1	0.5
Fats Oil & Greases	mg/l	No Impact on Fish										
Hardness, Total as CaCO3 unfiltered	mg/l											
Dissolved Orgniac Carbon	mg/l											
BOD, unfiltered	mg/l	5						5			2	15
Chloride	mg/l											
COD, unfiltered	mg/l	125									125	125
Conductivity @ 20 deg.C	mS/cm	1 .0mS/cm or 1000 uS/cm										
TOTAL ANIONS												
TOTAL CATIONS												
Nitrate as NO3	mg/l	25 (IGV)										
Nitrates, N	mg/l											
Nitrite as NO2	mg/l	0.05						0.05				
Nitrogen, Kjeldahl	mg/l											
pH		4.5 - 9	Soft water	n/a	n/a	n/a	n/a	6 - 9			6 to 9	6 to 9
Phosphate (Ortho as P)	mg/l	0.025 0.045	[ug/l] High status	n/a	n/a	n/a	n/a				0.075	0.3
Phosphorus (diss.filt)	µg/l											
Phosphorus (tot.unfilt)	µg/l											
Sulphate	mg/l											
Suspended solids, Total	mg/l	25						25			35	25
Turbidity	ntu											
True Colour	mg/l Pt/Co											
Temperature		<21.5 or no +1.5C	Not greater	n/a	n/a	n/a	n/a	21.5				
Apparent Colour	mg/l Pt/Co											
Filtered (Dissolved) Metals												
Aluminium (diss.filt)	µg/l											
Arsenic (diss.filt)	µg/l		n/a	25	20	n/a	n/a		25/25	20		
Barium (diss.filt)	µg/l											
Cadmium (diss.filt)	µg/l											
Calcium (Dis.Filt)	mg/l											
Chromium (diss.filt)	µg/l											
Copper (diss.filt)	µg/l	5						5 - with water hardness of 10	5/30	5		
Iron (Dis.Filt)	mg/l											
Lead (diss.filt)	µg/l		n/a	1.2	1.3	14	14					
Magnesium (Dis.Filt)	mg/l											
Manganese (diss.filt)	µg/l											
Mercury (diss.filt)	µg/l	0.07		n/a	n/a	0.07	0.07					
Nickel (diss.filt)	µg/l											
Potassium (Dis.Filt)	mg/l											
Selenium (diss.filt)	µg/l											
Sodium (Dis.Filt)	mg/l											
Zinc (diss.filt)	µg/l	8	n/a	8 (AA	40	n/a	n/a	30 - with water	8/50/100	40		
Unfiltered (Total) Metals												
Aluminium (tot.unfilt)	µg/l											
Arsenic (tot.unfilt)	µg/l	25	n/a	25	20	n/a	n/a		25/25	20		
Barium (tot.unfilt)	µg/l											
Cadmium (tot.unfilt)	µg/l											
Calcium (Tot. Unfilt.)	mg/l											
Chromium (tot.unfilt)	µg/l											
Copper (tot.unfilt)	µg/l	5						5 - with water	5/30	5		
Hardness, Total as CaCO3 unfiltered	mg/l											
Iron (Tot. Unfilt.)	µg/l											
Lead (tot.unfilt)	mg/l		n/a	1.2	1.3	14	14					
Magnesium (Tot. Unfilt.)	µg/l											
Manganese (tot.unfilt)	µg/l											
Mercury (tot.unfilt)	µg/l	0.07		n/a	n/a	0.07	0.07					
Nickel (tot.unfilt)	mg/l											
Potassium (Tot. Unfilt.)	µg/l											
Selenium (tot.unfilt)	mg/l											
Sodium (Tot. Unfilt.)	µg/l											
Zinc (tot.unfilt)	µg/l	8	n/a	8 (AA	40	n/a	n/a		8/50/100	40		
Microbiological												
Coliforms, Total*	MPN/100ml	?										
Escherichia Coli (W)*	MPN/100ml	?										

Sample Details	Firlough Hydrogen Plant Groundwater (GW) BASELINE (Minerex File Ref. 3131-043 (Rev1) 28/10/2022)						
Sample ID	3131-BH6A-FHP	3131-BH6B-FHP	3131-BH7A-FHP	3131-BH7B-FHP	3131-BH6C-FHP	3131-BH7C-FHP	**AVERAGE**
Site	FHP	FHP	FHP	FHP	FHP	FHP	**FHP**
Event / Date	11/07/202	2/07/202	1/07/202	2/07/202	2/07/202	2/07/2022	
Reference	3131-02	3131-02	3131-02	3131-02	3131-02	3131-02	**3131-028-COC2**
Sample Type	Ground water	Ground water	Ground water	Ground water	Ground water	Ground water	**Groundwater**
Grid Reference for Sampling Location							
Field Data - Discharge							
Surface Water Feature	Borehole	Borehole	Borehole	Borehole	Borehole	Borehole	**Borehole**
Description of sample location							
Total Rain 3 Days Prior							
Monitoring Conditions							
Estimated Discharge Rate (Q) (SITE)							
RIVER CHANNEL							
Width of Water Body							
Width / 3							
Depth Edge							
Depth 1							
Depth 2							
Depth 3							
Depth Edge							
Area							
Distance							
Seconds							
Flow Velocity (V) - Approximate							
Friction Comment							
Friction Loss Correction							
Discharge Rate (Q)							
Discharge Rate (Q)							
Field Data - Hydrochemistry							
Clarity							
Colour							
Odour							
pH							
Conductivity							
Temperature							
Laboratory Data - Hydrochemistry							
Alkalinity, Bicarbonate as CaCO3	ND	ND	ND	ND	ND	ND	**ND**
Alkalinity, Total as CaCO3	465	470	470	450	441	464	**460**
Ammoniacal Nitrogen, NH4+							
NH4 to N convert factor							
Ammoniacal Nitrogen as N (low level)	0.345	0.299	0.3	0.313	0.279	0.303	**0.3065**
Fats Oil & Greases	ND	ND	ND	ND	ND	ND	**ND**
Hardness, Total as CaCO3 unfiltered	ND	ND	ND	ND	ND	ND	**ND**
Dissolved Orgniac Carbon	ND	ND	ND	ND	ND	ND	**ND**
BOD, unfiltered	10	2.17	2	22	1	7.11	**7.380**
Chloride	33.9	30.4	34.6	50	31.8	43.3	**37.333**
COD, unfiltered	7	8.48	7	7	7	7	**7.247**
Conductivity @ 20 deg.C	ND	ND	ND	ND	ND	ND	**ND**
TOTAL ANIONS							
TOTAL CATIONS							
Nitrate as NO3							
Nitrates, N	0.07	0.296	0.07	0.07	0.07	0.07	**0.108**
Nitrite as NO2	0.05	0.05	0.05	0.05	0.05	0.05	**0.05**
Nitrogen, Kjeldahl	ND	ND	ND	ND	ND	ND	**ND**
pH							
Phosphate (Ortho as P)	0.02	0.02	0.02	0.02	0.02	0.02	**0.02**
Phosphorus (diss.filt)	ND	ND	ND	ND	ND	ND	**ND**
Phosphorus (tot.unfilt)	ND	ND	ND	ND	ND	ND	**ND**
Sulphate	13.6	28.7	14.7	23.1	17.5	25.5	**20.517**
Suspended solids, Total	2	2	2	3.4	2	2	**2.233**
Turbidity	ND	ND	ND	ND	ND	ND	**ND**
True Colour	1	1	1	1	1	1.7	**1.117**
Temperature							
Apparent Colour	6.9	9.7	6.1	29.6	19.5	70	**23.633**
Filtered (Dissolved) Metals							
Aluminium (diss.filt)	10	10	10	10	10	10	**10**
Arsenic (diss.filt)	0.5	0.5	0.5	0.5	0.5	0.5	**0.5**
Barium (diss.filt)	68.7	70	83.4	84.6	81	92	**79.950**
Cadmium (diss.filt)	0.08	0.08	0.08	0.08	0.08	0.08	**0.08**
Calcium (Dis.Filt)	60.2	76.2	72.6	77.7	83.3	79	**74.833**
Chromium (diss.filt)	1	5.83	1	9.07	1	1	**3.150**
Copper (diss.filt)	0.3	0.585	0.3	0.3	0.398	0.3	**0.364**
Iron (Dis.Filt)	0.019	0.019	0.019	0.019	0.019	0.019	**0.019**
Lead (diss.filt)	0.2	0.2	0.2	0.2	0.595	0.2	**0.266**
Magnesium (Dis.Filt)	43.2	43.6	43.6	41.4	41.6	41.7	**42.517**
Manganese (diss.filt)	3	3	3.02	3	5.33	3.85	**3.533**
Mercury (diss.filt)	0.01	0.01	0.01	0.01	0.01	0.01	**0.01**
Nickel (diss.filt)	0.4	0.4	0.4	0.4	0.4	0.4	**0.4**
Potassium (Dis.Filt)	3.76	3.45	3.34	3.39	2.86	3.13	**3.322**
Selenium (diss.filt)	1	1	1	1	1	1	**1**
Sodium (Dis.Filt)	50.3	41.4	40.7	57.8	36.5	49	**45.950**
Zinc (diss.filt)	1.39	1	1.02	1	1.54	1.1	**1.175**
Unfiltered (Total) Metals							
Aluminium (tot.unfilt)	10	10.7	18.2	10	10	10	**11.483**
Arsenic (tot.unfilt)	2	2	2	2	2	2	**2**
Barium (tot.unfilt)	68.4	70.5	84.8	83.9	83.8	90.1	**80.250**
Cadmium (tot.unfilt)	0.5	0.5	0.5	0.5	0.5	0.5	**0.5**
Calcium (Tot. Unfilt.)	74	84	81.9	83.8	87.7	79.5	**81.817**
Chromium (tot.unfilt)	3	7.26	3	10.7	3	3	**4.993**
Copper (tot.unfilt)	1	1.35	1	1	1	1	**1.058**
Hardness, Total as CaCO3 unfiltered	385	405	409	400	392	366	**392.833**
Iron (Tot. Unfilt.)	0.024	0.024	0.041	0.024	0.024	0.024	**0.027**
Lead (tot.unfilt)	1	1	1	1	1	1	**1**
Magnesium (Tot. Unfilt.)	48.4	47.4	49.7	46.3	41.8	40.6	**45.700**
Manganese (tot.unfilt)	2.47	3.27	2.65	2.99	4.33	3.79	**3.250**
Mercury (tot.unfilt)	0.02	0.02	0.02	0.02	0.02	0.02	**0.02**
Nickel (tot.unfilt)	1	1	1	1	1	1	**1**
Potassium (Tot. Unfilt.)	4.25	3.89	3.83	3.87	2.89	3.12	**3.642**
Selenium (tot.unfilt)	1	1	1	1	1	1	**1**
Sodium (Tot. Unfilt.)	55.4	44.7	45.1	63.5	37.6	53.1	**49.900**
Zinc (tot.unfilt)	5	5	5	5	5	5	**5**
Microbiological							
Coliforms, Total*	1	13.4	1	1	1	4.1	**3.583**
Escherichia Coli (W)*	1	1	1	1	1	1	**1**

Sample Details	Sourcewater / Wastewater: B&V Parameter List	Intake	Ultrafilter Backwash	RO Waste	Pretreatment: Projected Discharge To Outfall	Pretreatment: Welfare Discharge (7 Site Staff, c. 26 drivers per day) 1 no. PE = 60g BOD5 / PE d TKN: 10g N / PE d Flow 0.1-0.5m3 / PE d	Pretreatment: Projected Combined Discharge To Outfall	Projected Discharge To Outfall	Welfare Discharge (7 Site Staff, c. 26 drivers per day) 1 no. PE = 60g BOD5 / PE d TKN: 10g N / PE d Flow 0.1-0.5m3 / PE d	Treated: Background Concentrations from CW	Treated: [Conservative] Projected Combined Discharge To Outfall Key Parameters
Sample ID											
Site											
Event / Date											
Reference	B&V	B&V	B&V	B&V	B&V	RSK					
Sample Type		Groundwater	Wastewater	Wastewater	**Process Wastewater**	**Welfare Wastewater**					
Grid Reference for Sampling Location											
Field Data - Discharge											
Surface Water Feature											
Description of sample location											
Total Rain 3 Days Prior											
Monitoring Conditions											
Estimated Discharge Rate (Q) (SITE)											
RIVER CHANNEL											
Width of Water Body											
Width / 3											
Depth Edge											
Depth 1											
Depth 2											
Depth 3											
Depth Edge											
Area											
Distance											
Seconds											
Flow Velocity (V) - Approximate											
Friction Comment											
Friction Loss Correction											
Discharge Rate (Q)											
Discharge Rate (Q)											
Field Data - Hydrochemistry											
Clarity											
Colour											
Odour											
pH											
Conductivity											
Temperature											
Laboratory Data - Hydrochemistry											
Alkalinity, Bicarbonate as CaCO3	M-Alkalinity as CaC	429.0000	429.0000	1716.0000	1581.9375			1581.9375			
Alkalinity, Total as CaCO3											
Ammoniacal Nitrogen, NH4+	Ammoniacal Nitroge	0.1667	0.1667	0.6668	0.6147			0.6147		1.0000	
NH4 to N convert factor	NH4 to N convert fa	0.7765	0.7765	0.7765	0.7765			0.7765		0.7765	
Ammoniacal Nitrogen as N (low level)	Ammoniacal Nitroge	0.1294	0.1294	0.5178	0.4773			0.4773		0.7765	0.7765
Fats Oil & Greases											
Hardness, Total as CaCO3 unfiltered	Hardness, mg/L as C	396.0000	396.0000	1584.0000	1460.2500			1460.2500			
Dissolved Orgniac Carbon											
BOD, unfiltered	BOD, unfiltered	2.5275	2.5275	10.1100	9.3202		84.0000	11.5222	9.3202	8.4	5
Chloride	Chlorides, Cl as CaC	47.2703	47.2703	189.0810	174.3090				174.3090		
COD, unfiltered	COD, unfiltered	7.9000	7.9000	31.6000	29.1313				29.1313		
Conductivity @ 20 deg.C											
TOTAL ANIONS	TOTAL ANIONS	496.9028	496.9028	1987.6110	1832.3289				1832.3289		
TOTAL CATIONS	TOTAL CATIONS	472.3018	472.3018	1889.2071	1741.6128				1741.6128		
Nitrate as NO3	Nitrates, NO3	0.0405	0.0405	0.1620	0.1493				0.1493		0.2
Nitrates, N	Nitrates, N	0.0500	0.0500	0.2000	0.1844				0.1844		
Nitrite as NO2	Nitrites, NO2	0.4568	0.4568	1.8270	1.6843		50.0000	3.1089	1.6843		NO3
Nitrogen, Kjeldahl											
pH											
Phosphate (Ortho as P)	Phosphates, P	0.0200	0.0200	0.0800	0.0738				0.0738	0.3 (TP)	0.3
Phosphorus (diss.filt)											
Phosphorus (tot.unfilt)											
Sulphate	Sulfates, SO4 as CaC	20.5920	20.5920	82.3680	75.9330				75.9330		
Suspended solids, Total	TSS, mg/L	2.0000	71.2000	0.0000	7.4167				7.4167		
Turbidity											
True Colour											
Temperature											
Apparent Colour											
Filtered (Dissolved) Metals											
Aluminium (diss.filt)											
Arsenic (diss.filt)											
Barium (diss.filt)											
Cadmium (diss.filt)											
Calcium (Dis.Filt)											
Chromium (diss.filt)											
Copper (diss.filt)											
Iron (Dis.Filt)											
Lead (diss.filt)											
Magnesium (Dis.Filt)											
Manganese (diss.filt)											
Mercury (diss.filt)											
Nickel (diss.filt)											
Potassium (Dis.Filt)											
Selenium (diss.filt)											
Sodium (Dis.Filt)											
Zinc (diss.filt)											
Unfiltered (Total) Metals											
Aluminium (tot.unfilt)	Aluminium, Al	0.0100	0.0100	0.0400	0.0369			0.0369			
Arsenic (tot.unfilt)	Arsenic, As	0.0005	0.0005	0.0020	0.0018			0.0018			
Barium (tot.unfilt)	Barium, Ba	0.0674	0.0674	0.2697	0.2486			0.2486			
Cadmium (tot.unfilt)	Cadmium, Cd	0.0005	0.0005	0.0020	0.0018			0.0018			
Calcium (Tot. Unfilt.)	Calcium, Ca as CaCO	293.8750	293.8750	1175.5000	1083.6641			1083.6641			
Chromium (tot.unfilt)	Chromium, Cr	0.0030	0.0030	0.0120	0.0111			0.0111			
Copper (tot.unfilt)											
Hardness, Total as CaCO3 unfiltered											
Iron (Tot. Unfilt.)	Iron, Fe	0.0240	0.0240	0.0960	0.0885			0.0885			
Lead (tot.unfilt)	Lead, Pb	0.0004	0.0004	0.0015	0.0014			0.0014			
Magnesium (Tot. Unfilt.)	Magnesium, Mg as C	103.4179	103.4179	413.6715	381.3534			381.3534			
Manganese (tot.unfilt)	Manganese, Mn	0.0104	0.0104	0.0415	0.0383			0.0383			
Mercury (tot.unfilt)	Mercury, Hg	0.0200	0.0200	0.0800	0.0738			0.0738			
Nickel (tot.unfilt)	Nickel, Ni	0.0037	0.0037	0.0148	0.0137			0.0137			
Potassium (Tot. Unfilt.)	Potassium, K as CaC	5.8944	5.8944	23.5776	21.7356			21.7356			
Selenium (tot.unfilt)	Selenium, Se	0.0010	0.0010	0.0040	0.0037			0.0037			
Sodium (Tot. Unfilt.)	Sodium, Na as CaCO	69.1145	69.1145	276.4580	254.8597			254.8597			
Zinc (tot.unfilt)	Zinc, Zn	0.0080	0.0080	0.0321	0.0296			0.0296			
Microbiological											
Coliforms, Total*	Coliforms, MPN/10	611.0000	611.0000	2444.0000	2253.0625			2253.0625			
Escherichia Coli (W)*	*E.coli* MPN/100ml	**19.0750**	**19.0750**	**76.3000**	**70.3391**			70.3391			

Sample Details	Firlough Hydrogen Plant Surface Water (SW) BASELINE			Firlough Wind Farm Surface Water (SW) BASELINE				
Sample ID	FHP-SW1 (Upstream)	FHP-SW2 (Downstream)	AVERAGE	3131-SW1	3131-SW2	3131-SW3	3131-SW4	AVERAGE
Site	FHP	FHP		FWF	FWF	FWF	FWF	
Event / Date	02/12/2022	02/12/2022		06/05/2021	06/05/2021	06/05/2021	06/05/2021	
Reference								
Sample Type	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Grid Reference for Sampling Location								
Field Data - Discharge								
Surface Water Feature	Stream/River	Stream/River						
Description of sample location	Alongside	Road bridge						
Total Rain 3 Days Prior	1.0	1.0						
Monitoring Conditions	Dry	Dry						
Estimated Discharge Rate (Q) (SITE)	n/a	n/a						
RIVER CHANNEL								
Width of Water Body	2	0.9						
Width / 3	0.667	0.300						
Depth Edge	0	0.02						
Depth 1	0.50	0.05		0.00-0.00	0.00-0.00	0.00-0.00	0.00-0.00	
Depth 2	0.30	0.05						
Depth 3	0.15	0.05						
Depth Edge	0	0.02						
Area	0.775	0.198						
Distance	1	2						
Seconds	6	3						
Flow Velocity (V) - Approximate	0.1667	0.6667						
Friction Comment	Very High	Moderate						
Friction Loss Correction	0.25	0.5						
Discharge Rate (Q)	0.032	0.066	0.0490625					#DIV/0!
Discharge Rate (Q)	32.3	65.8	49.0625					#DIV/0!
Field Data - Hydrochemistry								
Clarity	Clear	Clear						
Colour	Slight Yellow	Slight Yellow						
Odour	No	No						
pH	7.15	7.48	7.315					#DIV/0!
Conductivity	0.565	0.594	0.5795					#DIV/0!
Temperature	10.2	9.6	9.9					#DIV/0!
Laboratory Data - Hydrochemistry								
Alkalinity, Bicarbonate as CaCO3	244	282	263	4	22.3	20.1	6	13.1
Alkalinity, Total as CaCO3	244	282	263	4	22.3	20.1	6	13.1
Ammoniacal Nitrogen, NH4+								
NH4 to N convert factor								
Ammoniacal Nitrogen as N (low level)	0.03	0.03	0.03	0.0474	0.0607	0.0668	0.0716	0.061625
Fats Oil & Greases	4	4	4	1	1	1	1	1
Hardness, Total as CaCO3 unfiltered	2.7	3.7	3.2	4	22.3	20.1	6	13.1
Dissolved Orgniac Carbon	4	3	3.5	14.7	14.9	15.2	13.4	14.55
BOD, unfiltered	1	1.1	1.05	2.08	1	2.14	1	1.555
Chloride	23.3	24.2	23.75					
COD, unfiltered	22	41	31.5					
Conductivity @ 20 deg.C	0.577	0.615	0.596	0.0574	0.0745	0.0764	0.0508	0.064775
TOTAL ANIONS								
TOTAL CATIONS								
Nitrate as NO3	4.6	3.6	4.1	0.3	0.3	0.3	0.3	0.3
Nitrates, N	1.15	0.9	1.025	1	1	1	1	1
Nitrite as NO2	0.02	0.02	0.02	0.05	0.05	0.05	0.05	0.05
Nitrogen, Kjeldahl	0.5	0.5	0.5	1	1	1	1	1
pH				6.33	7.34	7.05	6.68	6.85
Phosphate (Ortho as P)	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02
Phosphorus (diss.filt)	5	8	6.5	10	10	10	10	10
Phosphorus (tot.unfilt)	5	11	8	20	20	20	20	20
Sulphate	328	366	347					
Suspended solids, Total	10	10	10	4	2	2.2	3.3	2.875
Turbidity	4.7	2.7	3.7	0.897	1.05	1.45	2.35	1.43675
True Colour	ND	ND	ND	98.1	134	150	103	121.275
Temperature								
Apparent Colour	56	68	62	110	146	170	126	138
Filtered (Dissolved) Metals								
Aluminium (diss.filt)	20	20	20					
Arsenic (diss.filt)	2.5	2.5	2.5					
Barium (diss.filt)	24	26	25					
Cadmium (diss.filt)	0.5	0.5	0.5					
Calcium (Dis.Filt)	96.2	108.1	102.15					
Chromium (diss.filt)	1.5	1.5	1.5					
Copper (diss.filt)	7	7	7	0.838	0.3	0.3	0.3	0.4345
Iron (Dis.Filt)	37	81	59					
Lead (diss.filt)	5	5	5					
Magnesium (Dis.Filt)	5.8	6.3	6.05					
Manganese (diss.filt)	3	8	5.5					
Mercury (diss.filt)	1	1	1					
Nickel (diss.filt)	2	2	2					
Potassium (Dis.Filt)	6	10	8					
Selenium (diss.filt)	3	3	3					
Sodium (Dis.Filt)	12.4	12.4	12.4					
Zinc (diss.filt)	3	4	3.5	6.89	3.04	3.69	2.34	3.99
Unfiltered (Total) Metals								
Aluminium (tot.unfilt)								
Arsenic (tot.unfilt)								
Barium (tot.unfilt)								
Cadmium (tot.unfilt)								
Calcium (Tot. Unfilt.)								
Chromium (tot.unfilt)								
Copper (tot.unfilt)	7	7	7					#DIV/0!
Hardness, Total as CaCO3 unfiltered								
Iron (Tot. Unfilt.)								
Lead (tot.unfilt)								
Magnesium (Tot. Unfilt.)								
Manganese (tot.unfilt)								
Mercury (tot.unfilt)								
Nickel (tot.unfilt)								
Potassium (Tot. Unfilt.)								
Selenium (tot.unfilt)								
Sodium (Tot. Unfilt.)		