

Report For: City of Prince George
 Received: 05/17/2022 17:00
 Report ID: 22D3068
 Report Name: 22D3068_FINAL_WaterTrax_17_May_22_0822.txt

Sample ID: 22D3068-01
 Water System: Core Water System
 Source: PW 601 Well
 Facility: PW 601 Well Pumphouse
 Sampling Pt: PW 601 Pumphouse raw water (PW601-1-SR, DBB1)
 Comment: Generated by File Transfer
 Sampled: 04/25/2022 11:30

INORGANIC			Criteria & Type	Status
Aluminum (dissolved)	< 0.0050	mg/L		Final
Aluminum (total)	< 0.0050	mg/L	<=0.1	Operational - Conventional Final
Ammonia (total, as N)	< 0.050	mg/L		Final
Antimony (dissolved)	0.00027	mg/L		Final
Antimony (total)	0.00020	mg/L	<=0.006	MAC Final
Arsenic (dissolved)	0.00053	mg/L		Final
Arsenic (total)	0.00051	mg/L		Current Level Final
Barium (dissolved)	0.0270	mg/L		Final
Barium (total)	0.0239	mg/L	<=2	MAC Final
Beryllium (dissolved)	< 0.00010	mg/L		Final
Beryllium (total)	< 0.00010	mg/L		Final
Bismuth (dissolved)	< 0.00010	mg/L		Final
Bismuth (total)	< 0.00010	mg/L		Final
Boron (dissolved)	< 0.0500	mg/L		Final
Boron (total)	< 0.0500	mg/L	<=5	MAC Final
Bromide	< 0.10	mg/L		Final
Cadmium (dissolved)	0.000011	mg/L		Final
Cadmium (total)	0.000015	mg/L	<=0.005	MAC Final
Calcium (dissolved)	38.7	mg/L		Final
Calcium (total)	37.9	mg/L		Final
Chloride	9.81	mg/L	<=250	AO Final
Chromium (extractable)	< 0.00050	mg/L		Final
Chromium (total)	< 0.00050	mg/L	<=0.05	MAC Final
Cobalt (dissolved)	< 0.00010	mg/L		Final
Cobalt (total)	< 0.00010	mg/L		Final
Copper (extractable)	0.00068	mg/L		Final
Copper (total)	0.00068	mg/L	<=1	AO Final
Fluoride	< 0.10	mg/L	<=1.5	MAC Final
Iron (dissolved)	< 0.010	mg/L		Final
Iron (total)	< 0.010	mg/L	<=0.3	AO Final
Lead (dissolved)	< 0.00020	mg/L		Final



Laboratory Report

Caro Analytical Services

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INORGANIC		Criteria & Type	Status
Lead (total)	< 0.00020 mg/L	<=0.005 MAC	Final
Lithium (dissolved)	0.00116 mg/L		Final
Lithium (total)	0.00118 mg/L		Final
Magnesium (dissolved)	12.5 mg/L		Final
Magnesium (total)	11.7 mg/L		Final
Manganese (dissolved)	0.0114 mg/L		Final
Manganese (total)	0.0124 mg/L	<=0.02 AO	Final
Mercury (dissolved)	< 0.000010 mg/L		Final
Mercury (total)	< 0.000010 mg/L	<=0.001 MAC	Final
Molybdenum (dissolved)	0.00106 mg/L		Final
Molybdenum (total)	0.00115 mg/L		Final
Nickel (dissolved)	0.00069 mg/L		Final
Nickel (total)	0.00072 mg/L		Final
Nitrate (as N)	0.151 mg/L		Final
Nitrate + Nitrite (as N)	0.151 mg/L		Final
Nitrite (as N)	< 0.010 mg/L		Final
o-Phosphate (as P)	< 0.0050 mg/L		Final
Phosphorus (total dissolved)	< 0.050 mg/L		Final
Phosphorus (total)	< 0.050 mg/L		Final
Potassium (dissolved)	1.55 mg/L		Final
Potassium (total)	1.42 mg/L		Final
Selenium (dissolved)	0.00121 mg/L		Final
Selenium (total)	0.00115 mg/L	<=0.05 MAC	Final
Silicon (dissolved, as Si)	5.5 mg/L		Final
Silicon (total, as Si)	5.9 mg/L		Final
Silver (dissolved)	< 0.000050 mg/L		Final
Silver (total)	< 0.000050 mg/L		Final
Sodium (dissolved)	4.21 mg/L		Final
Sodium (total)	4.17 mg/L	<=200 AO	Final
Strontium (dissolved)	0.183 mg/L		Final
Strontium (total)	0.171 mg/L		Final
Sulfur (dissolved)	3.3 mg/L		Final
Sulfur (total)	3.8 mg/L		Final
Sulphate	13.5 mg/L	<=500 AO	Final
Tellurium (dissolved)	< 0.00050 mg/L		Final
Tellurium (total)	< 0.00050 mg/L		Final

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INORGANIC		Criteria & Type	Status
Thallium (dissolved)	< 0.000020 mg/L		Final
Thallium (total)	< 0.000020 mg/L		Final
Thorium (dissolved)	< 0.00010 mg/L		Final
Thorium (total)	< 0.00010 mg/L		Final
Tin (dissolved)	< 0.00020 mg/L		Final
Tin (total)	< 0.00004 mg/L		Final
Titanium (dissolved)	< 0.0050 mg/L		Final
Titanium (total)	< 0.0050 mg/L		Final
Tungsten (dissolved)	< 0.0010 mg/L		Final
Tungsten (total)	< 0.0002 mg/L		Final
Uranium (dissolved)	0.000397 mg/L		Final
Vanadium (dissolved)	< 0.0010 mg/L		Final
Vanadium (total)	< 0.0010 mg/L		Final
Zinc (dissolved)	< 0.0040 mg/L		Final
Zinc (total)	< 0.0040 mg/L	<=5 AO	Final
Zirconium (dissolved)	< 0.00010 mg/L		Final
Zirconium (total)	< 0.00010 mg/L		Final
MICROORGANISMS		Criteria & Type	Status
Escherichia coli / E. coli (MPN)	< 1 MPN/100ml	<=0,P Microbiological standard	Final
Fecal (thermal tolerant) Coliforms (MPN / PA)	< 1 MPN/100ml		Final
Total Coliforms (MPN)	< 1 MPN/100ml	<=0,P User-Defined	Final
ORGANIC		Criteria & Type	Status
Adsorbable Organic Halides / AOX	< 50 ug/L		Final
Bromodichloromethane (dichlorobromomethane)	< 0.0010 mg/L	<=0.1 IMAC for TTHM expressed as a running annual average	Final
Bromoform	< 0.0010 mg/L	<=0.1 IMAC for TTHM expressed as a running annual average	Final
Chloroform	< 0.0010 mg/L	<=0.1 Standard for TTHM expressed as a running annual average	Final
Dibromochloromethane (Chlorodibromomethane)	< 0.0010 mg/L	<=0.1 IMAC for TTHM expressed as a running annual average	Final
Nitrogen (Total) (total)	0.151 mg/L		Final
Total Kjeldahl Nitrogen / TKN	< 0.050 mg/L		Final



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ORGANIC		Criteria & Type	Status
Total Trihalomethanes / TTHM	< 0.00400 mg/L	<=0.1 IMAC based on running annual average	Final
PHYSICAL		Criteria & Type	Status
Alkalinity (bicarbonate, as CaCO3)	144 mg/L		Final
Alkalinity (carbonate, as CaCO3)	< 1.0 mg/L		Final
Alkalinity (hydroxide, as CaCO3)	< 1.0 mg/L		Final
Alkalinity (phenolphthalein, as CaCO3)	< 1.0 mg/L		Final
Alkalinity (total, as CaCO3)	144 mg/L		Final
Hardness (total, as CaCO3)	148 mg/L		Final
Hardness (total, as CaCO3)	143 mg/L		Final
Total Suspended Solids / TSS	< 2.0 mg/L		Final
RADIONUCLIDES		Criteria & Type	Status
Uranium (total)	0.000436 mg/L	<=0.02 MAC	Final

Result Legend

P=present, A=absent, PR=presumptive, ND=non-detect, OR=over-range, OG=overgrown, Y=yes, N=no,
TNTC=too numerous to count, NR=no result, NT=not tested, IG=ignore, ER=external report, SC=see comment
< means less than lower detection limit shown

> means greater than upper detection limit shown

« means detected & less than number shown

» means detected & greater than number shown

* Indicates Criteria is exceeded