

Report For: City of Prince George  
 Received: 11/21/2021 13:55  
 Report ID: 21J2892  
 Report Name: 21J2892\_FINAL\_WaterTrax\_21\_Nov\_21\_1354.txt

**Sample ID:** 21J2892-01  
**Water System:** Western Acres Water System  
**Source:** PW652  
**Facility:** PW652  
**Sampling Pt:** PW652 Raw Water (1-Raw Water-SR, 4023E)  
**Comment:** Generated by File Transfer  
**Sampled:** 10/20/2021 10:00

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)	< 0.00020 mg/L			Final
Antimony (total)	< 0.00020 mg/L	<=0.006	MAC	Final
Arsenic (dissolved)	< 0.00050 mg/L			Final
Arsenic (total)	< 0.00050 mg/L		Current Level	Final
Barium (dissolved)	0.0573 mg/L			Final
Barium (total)	0.109 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)	0.000012 mg/L			Final
Cadmium (total)	0.000010 mg/L	<=0.005	MAC	Final
Calcium (dissolved)	51.2 mg/L			Final
Calcium (total)	91.5 mg/L			Final
Chloride	0.15 mg/L	<=250	AO	Final
Chromium (extractable)	0.0163 mg/L			Final
Chromium (total)	0.0299 mg/L	<=0.05	MAC	Final
Cobalt (dissolved)	< 0.00010 mg/L			Final
Cobalt (total)	< 0.00010 mg/L			Final
Copper (extractable)	< 0.00040 mg/L			Final
Copper (total)	< 0.00040 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)	0.00072 mg/L		Final
Lithium (total)	0.00139 mg/L		Final
Magnesium (dissolved)	30.2 mg/L		Final
Magnesium (total)	56.6 mg/L		Final
Manganese (dissolved)	< 0.00020 mg/L		Final
Manganese (total)	0.00023 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)	0.00239 mg/L		Final
Molybdenum (total)	0.00459 mg/L		Final
Nickel (dissolved)	< 0.00040 mg/L		Final
Nickel (total)	< 0.00040 mg/L		Final
Nitrate (as N)	0.052 mg/L		Final
Nitrate + Nitrite (as N)	0.0515 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)	1.36 mg/L		Final
Potassium (total)	2.51 mg/L		Final
Selenium (dissolved)	0.00094 mg/L		Final
Selenium (total)	0.00165 mg/L	<=0.05 MAC	Final
Silicon (dissolved, as Si)	13.2 mg/L		Final
Silicon (total, as Si)	24.3 mg/L		Final
Silver (dissolved)	< 0.000050 mg/L		Final
Silver (total)	< 0.000050 mg/L		Final
Sodium (dissolved)	9.52 mg/L		Final
Sodium (total)	16.9 mg/L	<=200 AO	Final
Strontium (dissolved)	0.327 mg/L		Final
Strontium (total)	0.577 mg/L		Final
Sulfur (dissolved)	3.5 mg/L		Final
Sulfur (total)	7.0 mg/L		Final
Sulphate	11.7 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)	< 0.00020 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)	< 0.0010 mg/L		Final
Uranium (dissolved)	0.00487 mg/L		Final
Vanadium (dissolved)	0.0033 mg/L		Final
Vanadium (total)	0.0070 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 (counts)	< 1 CFU/100ml	<=0,OG Microbiological standard	Final
Fecal (thermal tolerant) Coliforms (counts)	< 1 CFU/100ml	<=0 Microbiological Standard	Final
Total Coliforms (counts)	< 1 CFU/100ml	<=0,OG 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)	0.0515 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)	302 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)	302 mg/L		Final
Hardness (total, as CaCO3)	253 mg/L		Final
Hardness (total, as CaCO3)	462 mg/L		Final
Total Suspended Solids / TSS	< 2.0 mg/L		Final

  

RADIONUCLIDES		Criteria & Type	Status
Uranium (total)	0.00916 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**

