

Report For: City of Prince George
 Received: 09/23/2020 09:39
 Report ID: 0041730
 Report Name: 0041730_FINAL_WaterTrax_22_Sep_20_1625.txt

Sample ID: 0041730-01
 Water System: Upper Hart Water System
 Source: PW 660 WELL
 Facility: PW 660 Well Pumphouse
 Sampling Pt: PW-660 Pumphouse Raw Water (PW660-1-SR, 14C95)
 Comment: Generated by File Transfer
 Sampled: 04/22/2020 14:45

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)	0.0240	mg/L		Final
Barium (total)	0.0267	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)	0.0303	mg/L		Final
Boron (total)	0.0318	mg/L	<=5 MAC	Final
Bromide	< 0.10	mg/L		Final
Cadmium (dissolved)	0.000016	mg/L		Final
Cadmium (total)	0.000020	mg/L	<=0.005 MAC	Final
Calcium (dissolved)	17.5	mg/L		Final
Calcium (total)	19.7	mg/L		Final
Chloride	3.94	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)	0.0376	mg/L		Final
Copper (total)	0.0405	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)	0.00373	mg/L		Final



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INORGANIC		Criteria & Type	Status
Lead (total)	0.00417 mg/L	<=0.005 MAC	Final
Lithium (dissolved)	0.00016 mg/L		Final
Lithium (total)	0.00018 mg/L		Final
Magnesium (dissolved)	5.49 mg/L		Final
Magnesium (total)	5.93 mg/L		Final
Manganese (dissolved)	0.00467 mg/L		Final
Manganese (total)	0.00516 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)	0.00169 mg/L		Final
Molybdenum (total)	0.00190 mg/L		Final
Nickel (dissolved)	0.00145 mg/L		Final
Nickel (total)	0.00167 mg/L		Final
Nitrate (as N)	0.024 mg/L		Final
Nitrate + Nitrite (as N)	0.0237 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)	0.81 mg/L		Final
Potassium (total)	0.90 mg/L		Final
Selenium (dissolved)	< 0.00050 mg/L		Final
Selenium (total)	< 0.00050 mg/L	<=0.05 MAC	Final
Silicon (dissolved, as Si)	4.7 mg/L		Final
Silicon (total, as Si)	5.2 mg/L		Final
Silver (dissolved)	< 0.000050 mg/L		Final
Silver (total)	< 0.000050 mg/L		Final
Sodium (dissolved)	4.17 mg/L		Final
Sodium (total)	4.49 mg/L	<=200 AO	Final
Strontium (dissolved)	0.0931 mg/L		Final
Strontium (total)	0.103 mg/L		Final
Sulfur (dissolved)	< 3.0 mg/L		Final
Sulfur (total)	< 3.0 mg/L		Final
Sulphate	5.5 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)	< 0.00020 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)	0.000107 mg/L		Final
Vanadium (dissolved)	< 0.0010 mg/L		Final
Vanadium (total)	< 0.0010 mg/L		Final
Zinc (dissolved)	0.0200 mg/L		Final
Zinc (total)	0.0190 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	72 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	0.0079 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)	0.0967 mg/L		Final
Total Kjeldahl Nitrogen / TKN	0.073 mg/L		Final



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Caro Analytical Services

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ORGANIC		Criteria & Type	Status
Total Trihalomethanes / TTHM	0.00794 mg/L	<=0.1 IMAC based on running annual average	Final
PHYSICAL		Criteria & Type	Status
Alkalinity (bicarbonate, as CaCO3)	83.4 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)	83.4 mg/L		Final
Hardness (total, as CaCO3)	66.3 mg/L		Final
Total Suspended Solids / TSS	< 2.0 mg/L		Final
RADIONUCLIDES		Criteria & Type	Status
Uranium (total)	0.000118 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