

Report For: City of Prince George  
 Received: 05/17/2022 17:00  
 Report ID: 22D3070  
 Report Name: 22D3070\_FINAL\_WaterTrax\_17\_May\_22\_0825.txt

**Sample ID:** 22D3070-01  
 Water System: Core Water System  
 Source: PW 624 and PW 621 Wells  
 Facility: PW 624 Well Pumphouse  
 Sampling Pt: PW 624 Pumphouse Well 1 raw water (PW624-1-SR, DBA5)  
 Comment: Generated by File Transfer  
 Sampled: 04/26/2022 12:45

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)	0.00096 mg/L		Final
Arsenic (total)	0.00095 mg/L	Current Level	Final
Barium (dissolved)	0.0523 mg/L		Final
Barium (total)	0.0466 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)	0.000010 mg/L		Final
Cadmium (total)	0.000013 mg/L	<=0.005 MAC	Final
Calcium (dissolved)	49.7 mg/L		Final
Calcium (total)	47.6 mg/L		Final
Chloride	21.6 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)	0.0207 mg/L		Final
Copper (total)	0.0207 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)	0.00088 mg/L		Final



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**Facility:** PW 624 Well Pumphouse  
**Sampling Pt:** PW 624 Pumphouse Well 1 raw water (PW624-1-SR, DBA5)  
**Comment:** Generated by File Transfer  
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INORGANIC		Criteria & Type	Status
Lead (total)	0.00102 mg/L	<=0.005 MAC	Final
Lithium (dissolved)	0.00308 mg/L		Final
Lithium (total)	0.00294 mg/L		Final
Magnesium (dissolved)	16.7 mg/L		Final
Magnesium (total)	15.0 mg/L		Final
Manganese (dissolved)	0.0195 mg/L		Final
Manganese (total)	0.0191 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)	0.00173 mg/L		Final
Molybdenum (total)	0.00155 mg/L		Final
Nickel (dissolved)	< 0.00040 mg/L		Final
Nickel (total)	< 0.00040 mg/L		Final
Nitrate (as N)	0.061 mg/L		Final
Nitrate + Nitrite (as N)	0.0607 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)	2.86 mg/L		Final
Potassium (total)	2.54 mg/L		Final
Selenium (dissolved)	0.00063 mg/L		Final
Selenium (total)	0.00063 mg/L	<=0.05 MAC	Final
Silicon (dissolved, as Si)	6.5 mg/L		Final
Silicon (total, as Si)	6.4 mg/L		Final
Silver (dissolved)	< 0.000050 mg/L		Final
Silver (total)	< 0.000050 mg/L		Final
Sodium (dissolved)	7.71 mg/L		Final
Sodium (total)	7.15 mg/L	<=200 AO	Final
Strontium (dissolved)	0.370 mg/L		Final
Strontium (total)	0.334 mg/L		Final
Sulfur (dissolved)	4.7 mg/L		Final
Sulfur (total)	5.1 mg/L		Final
Sulphate	13.8 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)	0.00183 mg/L		Final
Vanadium (dissolved)	< 0.0010 mg/L		Final
Vanadium (total)	< 0.0010 mg/L		Final
Zinc (dissolved)	0.0407 mg/L		Final
Zinc (total)	0.0402 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)	0.254 mg/L		Final
Total Kjeldahl Nitrogen / TKN	0.193 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)	176 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)	176 mg/L		Final
Hardness (total, as CaCO3)	193 mg/L		Final
Hardness (total, as CaCO3)	181 mg/L		Final
Total Suspended Solids / TSS	< 2.0 mg/L		Final
RADIONUCLIDES		Criteria & Type	Status
Uranium (total)	0.00192 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