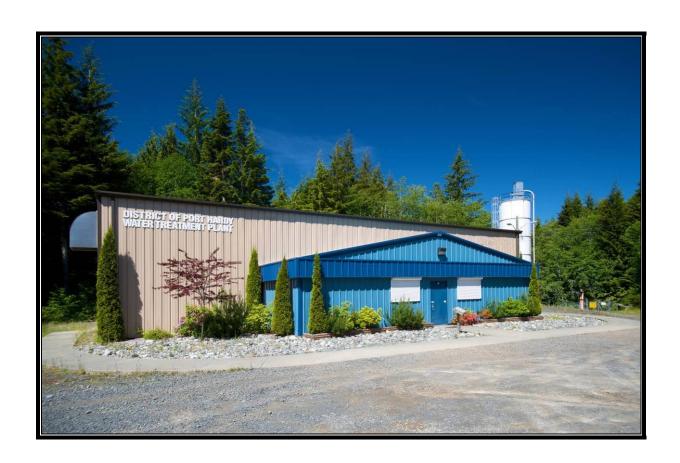


# WATER TREATMENT PLANT & DISTRIBUTION SYSTEM



**Operations Performance Annual Report 2023** 

Facility Numbers 529 & 155

## **OVERVIEW**

Port Hardy, with a population of 4,132 residents and over 5,000 connected to the infrastructure is located at the northern end of Vancouver Island. In May 2000 the water treatment plant was commissioned and established Port Hardy's reputation for having some of British Columbia's best water quality.

Port Hardy's source water is the Tsulquate River. The water from this river is tinted brown from tannins and other leachates. Port Hardy's Water Treatment Plant uses a Dissolved Air Flotation (DAF) system which is very effective in treating highly colored water. Treatment is achieved using ISOPAC 6 and Soda Ash to remove the color, particles, sediment and organics that are present. A filter aid, Hydrofloc 400 is added in trace amounts after the DAF treatment and prior to the filters to improve coagulation of fine particles. Filtration is done through a mixed media consisting silica sand and anthracite. Lime slurry, carbon dioxide and sodium hypochlorite are injected post filtration for alkalinity, pH adjustment and disinfection.

In 2020, the plant continued to produce a very high level of treatment providing excellent water quality to the District of Port Hardy.

# PERMIT TO OPERATE

The Port Hardy water treatment plant is a Level III facility as deemed by the Environmental Operators Certification Program (EOCP), certification number 529. The distribution system is a Level III system with a certification number of 155.

# **CERTIFIED OPERATORS**

The Operational Permit from Vancouver Island Health Authority Operational requires that a certified operator is employed to match the Water Treatment Plant Certification, a level III plant. The District currently employs a Level IV operator and two, Level III operators. The District also employs two Level III Water Distribution Operator.

Operator	Title	Certification
Joe Jewell	Utilities Supervisor	WT IV, WD III, WWT II, WWC II
Justin Reusch	Chief Operator	WT III, WD III, WWT II, WWC I
Roland LeFort	Operator	WWT III, WT III, WD I
Cory Henschke	Operator	WWT I, WD II
Robert Cousins	Operator	WT I, WWT II, Cross Connection
Patrick Traverse	Operator	WWTI
Owain Jewell	Labourer III	Not Certified

# WATER TREATMENT PLANT

Throughout 2020, there were times where due to heavy rains and high river colour events, that the water treatment process was upset. In these events, the plant is taken offline and no water is pumped to the reservoir. Water is only pumped to the reservoirs once the treatment plant's process quality is restored. This will result in lower than desired reservoir levels but quality will not be compromised.

#### CAPITAL PROJECTS

Most capital projects in 2022 were delayed due to supply chain issues. Labour was limited due to the Coronavirus pandemic. The filter header repair project was postponed due to another project taking priority. The engineering is planned for 2023. A new treated water pump was ordered in 2021. After several delays from the supplier, all the parts have arrived. Final commissioning will occur in early 2023. A new heat pump was installed at the water plant this summer. The unit's electrical breakers arrived in late December. The system will help keep the electrical room cooler, reducing the amount of blown fuses due to heat.

#### HIGHLIGHTS:

- No violations to permit in 2023
- 1585 ML of water were produced in 2023
- Quarterly samples for THMs and HAAs all returned within acceptable limits
- All bacteriological testing came back within expected parameters
- A Stage 1 water use restriction as per Port Hardy Water Conservation Bylaw No. 06-2005. A
  Stage 3 was later implemented and held after the normal October cutoff due to a lack of
  precipitation
- Several power outages occurred in 2023
- All flocculation and DAF tanks were taken offline for maintenance in January. Bearings were replaced and headers cleaned
- The backwash valve at the water plant was rebuilt this year. It was determined that it was failing to close completely resulting in stress on filter backwash plumbing. Xpert Valve was hired to assist the Utilities operators with the rebuild.

# WATER DISTRIBUTION SYSTEM

In 2020, the District of Port Hardy commenced on a major upgrade to the water distribution system in the Storey's Beach area. A new 2000 cubic meter (m³) reservoir was constructed on Fort Rupert Road and 3000 meters of distribution pipe was replaced. The replacement distribution pipe was also increased in size from 150mm and 250mm to 300mm and 350mm. Additional hydrants were also installed ensuring a fire flow of 150 Litres/second where required. The Fort Rupert Reservoir site is equipped with backup power generation and chlorine disinfection booster pumps. The reservoir level is controlled by an altitude control valve which keeps the tank at a predetermined level within 1.5 meters. A rolling diaphragm pressure reducing valve is also installed on site to regulate the pressure in the event the reservoir is offline. The entire site can be monitored remotely from the water treatment.

## CAPITAL PROJECTS

- Drinking water fountains were purchased are to be installed at the skatepark, tennis court, visitor's centre, Stink Creek Park, Storey's Beach Park and the library
- An assessment of the Kains Lake dam was started in late 2022 beginning in 2023
- Bear Cove communications commenced but were delayed by the availability of our communications contractor
- A secondary road was established into the water treatment plant

#### ADDITIONAL HIGHLIGHTS:

- Fire hydrants were "B" Serviced this year
- Water main clearing continued to keep our infrastructure accessible
- Backflow preventors were all tested and serviced
- Emergency power generators were serviced and load bank tested in October
- Cold weather in late December caused high water demands. Many commercial users had broken lines that unnecessarily wasted water for several days. Operator spent many hours locating these leaks and contacting the property owners to reduce water consumption
- A large main break occurred in the Cedar Heights Trailer Park in February. Utilities operators
  were aware of the situation but were having difficulties locating it. After daylight, a call was
  received from a homeowner in the park that there was a "river" in the backyard. The entire
  park was shut down to make repairs
- An inspection of the Kains Lake and Water Treatment Plant were conducted by the Ministry of Environment
- Mapping of the water distribution system continued. As the operators were able to locate infrastructure, work orders were created to follow up and update the mapping
- A hydrant in Carrot Park was replaced this year. To do the excavation, an archaeologist was retained as well as representatives from the Kwakiutl Nation
- A hydrant was replaced at the corner of Carnarvon Road and Park Drive. It was determined that the hydrant was impacted with a motor vehicle and underground flange was damaged
- A large leak was repaired in Carnaryon Place
- A new water meter was installed on the service line to the Kwakiutl First Nation

- Two large leaks were repaired on Carnarvon Road. The leak detection equipment was deployed to accurately determine where the break was and where to excavate
- Several service leaks were repaired throughout the District including Scott Street
- The low pressure transmitter at Holgrem PRV was replaced this fall. A small water outage was needed. Water was restored after approximately 30 minutes

# **CROSS CONNECTION CONTROL**

A formal Cross Connection Control program created by Maintenance Tracking Systems Inc (MTS) was presented to the District of Port Hardy in late 2010. Currently, backflow preventers are installed in all high risk areas of the treatment plants, sewage liftstations with a washdown hose, public sani dumps and public gardens. In August, all District Backflow assemblies were tested and recertified.

### WATER WISE PROGRAM CONTINUATION

A total of 167 water meters are being read including commercial users and multi-family dwellings. All new homes and constructions will have meter setters installed as part of this program. Continuing public education around proposed metering/rate changes and general information on water wise initiatives was conducted and will be ongoing until all users are metered. In 2016, new watering restrictions as per Port Hardy Water Conservation Bylaw No. 06-2005 were adopted. As part of the water system upgrade in 2018, water meter setters were installed on all single-family dwellings on Beaver Harbour Road as new service lines were run to the property line.

Continuing from 2021, touch read meters have either been replaced or modified to be radio read meters. This has greatly reduced the amount of time required to read the meters for billing.

# WATERSHED PROTECTION PLAN

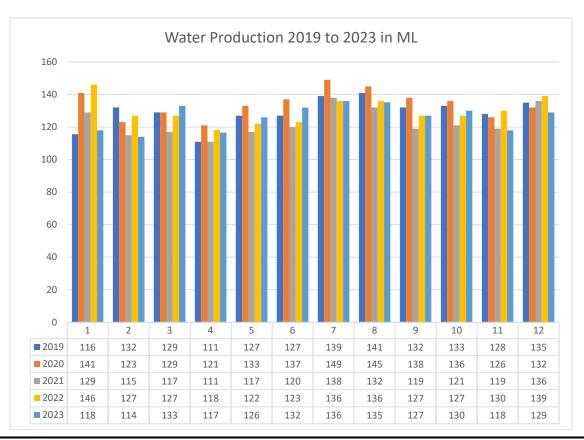
The District of Port Hardy has taken steps to implement a watershed protection plan. The purpose of this is to create a plan that guides users in the best management and preservation of the Tsulquate River and Kains Lake watershed as a drinking water source for the District of Port Hardy. The plan will develop a public awareness, identify stakeholders, increase knowledge and public awareness of the watershed and develop procedures for an emergency response.

# RAW AND TREATED WATER PRODUCTION

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Raw Water Pumped in ML	121	121	138	120	130	137	141	140	136	142	126	133	1585
Treated Water Production in ML	118	114	133	117	126	132	136	135	127	130	118	129	1514
Rainfall in mm	156	195	107	130	8.9	31.3	48	39.7	78.6	75.1	128.9	297.9	1297
Backwashes	38	33	40	30	36	34	38	36	32	36	33	35	421

# CHEMICAL USAGE

	January	February	March	April	May	June	July	August	September	October	November	December	Total
ISOPAC 6 Coagulant in kg	5258	5073	4326	4122	3472	2772	3248	3789	4454	5929	7206	6487	56137
Soda Ash in kg	1589	1725	1476	1271	749	522	568	840	953	1703	2429	1998	15822
Filter Aid (LT20) in kg	0.77	0.85	0.81	0.67	0.72	0.71	0.23	0.23	0.24	0.24	0.66	0.75	6.89
Salt for Chlorine Generator in kg	560	700	700	500	400	780	700	1096	420	900	620	480	7856
Liquid Sodium Hypochlorite 12% in kg	0	0	0	0	66	0	0	0	0	0	0	0	66
Lime in kg	2549	2351	2922	2644	2868	2365	2832	2892	2536	2397	2471	2397	31225
Carbon Dioxide in kg	2471	2723	3770	3478	4117	3879	5030	4071	2961	3584	3002	2541	41627



# DISTRIBUTION WATER QUALITY AND BACTERIOLOGICAL RESULTS

Contact		Janu	ıary					Febr	uary					Ma	ırch		
Control No.	Location		Chlorine mg/L	NTU	-		Location		Chlorine mg/L	NTU	-		Location		mg/L	NTU	
Chellen Notes																	
Company	Chatham Avenue	01/16/23	0.5	0.16	7.9		Chatham Avenue	02/21/23	0.5	0.19	8.0		Chatham Avenue	03/20/23	0.6	0.19	8.0
Design								02/27/23	0.5	0.18	8.0			03/27/23	0.6	0.19	8.0
Published								02/06/23	0.7	0.14	7.8			03/06/23	0.7	0.21	7.5
District																	
Company   Comp														03/20/23			
Margin Water State   1997								02/27/23	0.7	0.27	7.9	-		03/27/23	0.8	0.27	7.7
April   Control   Contro								02/06/23	0.3	0.27	7.9	1		03/06/23	0.4	0.24	7.7
Treatment Plant	Airport Wastewater						Airnort Wastewater						Airnort Wastewater				
March   Marc													Treatment Plant				
Part   Work   Van   Work   W		01/23/23						02/2//25	0.5	0.32	7.8			03/2//23	0.6	0.25	7.0
Policy Work you   Company   Compan																	
Big	Doblin Washa Vand						Dalita Washa Yand						Dalatio Washin No. 4				
Control   Cont	rubiic works tard						rubiic works faru						rubiic works fard				
Engine Short   Company			0.5		8.1												
Eggleview School								02/06/23									
Control   Cont	Fagleview School						Faglaview School						Faglaviaw School				
Boar Cive Received   1972   198   1972   198   1972   198   1972   198   1972   198   1972   198   1972   198   1972   198   1972   198   1972   198   1972   198   1972   198   1972   198   1972   198   1972   198	Ingieview School						lagicview school						Lagicvicw ochool				
Description																	
Box Core Reserved   G1/H2/3   0.3   0.13   2.72   Box Core Reserved   G2/12/3   0.6   0.22   7.7   Box Core Reserved   G2/12/3   0.5   0.22   7.7   Box Core Reserved   G2/12/3   0.7   0.22   7.7   Box Core Reserved   G2/12/3   0.7   0.22   7.7   Box Core Reserved   G2/12/3   0.7   0.22   0.7   0.22   7.7   Box Core Reserved   G2/12/3   0.7   0.22   7.7   Box Core Reserved   G2/12/3   0.7   0.22   7.7   Box Core Reserved   G2/12/3   0.7   0.22   0.7   0.22   7.7   Box Core Reserved   G2/12/3   0.7   0.22   0.7   0.22   0.7   0.22   0.7   0.22   0.7   0.22   0.7   0.22   0.7   0.22   0.7   0.22   0.7   0.22   0.7   0.22   0.22   0.22   0.22   0.22   0.22   0.22   0.						<b> </b>											
Company   Comp	Bear Cove Reservoir	01/16/23	0.5	0.15	7.7		Bear Cove Reservoir	02/21/23	0.6	0.22	7.7		Bear Cove Reservoir	03/20/23	0.7	0.2	7.9
Ferry Terminal		01/23/23							0.7	0.22	7.8				0.6	0.27	7.8
Ferry Terminal						-		02/04/22	0.5	0.16	7.0			02 /04 /22	0.7	0.26	7.5
Milling   March   Ma											7.8						
Manuser	Ferry Terminal						Ferry Terminal						Ferry Terminal				
Bigbowy 1970		01/23/23						03/02/23	0.7	0.18	7.5			03/2//23	0.6	0.22	7.8
Signey 919W   01/14/22   0.8								02/06/23	0.9	0.23	7.9			03/06/23	1.0	0.23	7.4
May																	
Accession	Highway 19 PRV						Highway 19 PRV						Highway 19 PRV				
Accession								02/27/23	0.9	0.22	7.8			03/27/23	0.9	0.25	7.8
Maximum	Average						Average	:	0.6	0.25	7.9		Average		0.7	0.22	7.8
Lecation   Date   Chorne   C	Minimur	m			7.5		Minimur	n					Minimur	n			7.4
Location   Date   Prev   Chlorine   Chlori	Maximur	m	0.9	0.41	8.5		Maximur	n	1.0	0.82	8.2		Maximur	n	1.0	0.32	8.1
Decision   Date   Chlorine   Uniform   Pat   Location   Date   Chlorine   Uniform   Pat   NTU   Pat		Ar	nril					M	av.					Iıı	ne		
Chatham Avenue		Ap						Ma						Ju			
October   Octo	Location	Date	Free Chlorine (mg/L)	(NTU)			Location	Date	Free Chlorine mg/L	NTU			Location	Date	Free Chlorine mg/L	NTU	
Ped Street   Color		Date 04/03/23 04/11/23	Free Chlorine (mg/L) 0.6 0.5	(NTU) 0.18 0.17	7.9 7.9			Date 05/01/23 05/08/23	Free Chlorine mg/L 0.5 0.7	NTU 0.21 0.16	7.8 7.8			Date 06/05/23 06/12/23	Free Chlorine mg/L 0.5 0.7	0.17 0.18	7.5 7.2
Ped Street   Color		Date 04/03/23 04/11/23 04/17/23	Free Chlorine (mg/L) 0.6 0.5	(NTU) 0.18 0.17 0.18	7.9 7.9 7.8			Date 05/01/23 05/08/23 05/15/23	Free Chlorine mg/L 0.5 0.7	0.21 0.16 0.20	7.8 7.8 8.0			Date 06/05/23 06/12/23 06/19/23	Free Chlorine mg/L 0.5 0.7 0.6	0.17 0.18 0.19	7.5 7.2 7.1
Fees street   11/14/17/28   0.7   0.19   7.5   11/14/28   0.7   0.16   7.3   11/14/28   0.7		Date 04/03/23 04/11/23 04/17/23	Free Chlorine (mg/L) 0.6 0.5	(NTU) 0.18 0.17 0.18	7.9 7.9 7.8			Date 05/01/23 05/08/23 05/15/23 05/22/23	Free Chlorine mg/L 0.5 0.7 0.4 0.3	NTU 0.21 0.16 0.20 0.20	7.8 7.8 8.0 7.9			Date 06/05/23 06/12/23 06/19/23	Free Chlorine mg/L 0.5 0.7 0.6	0.17 0.18 0.19	7.5 7.2 7.1
Lifstation		Date 04/03/23 04/11/23 04/17/23 04/24/23 04/03/23	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5	(NTU) 0.18 0.17 0.18 0.21 0.22	7.9 7.9 7.8 7.4			Date 05/01/23 05/08/23 05/15/23 05/22/23 05/29/23 05/01/23	Free Chlorine mg/L 0.5 0.7 0.4 0.3 0.4 0.6	NTU 0.21 0.16 0.20 0.20 0.17 0.23	7.8 7.8 8.0 7.9 7.7 7.7			Date  06/05/23  06/12/23  06/19/23  06/26/23  06/05/23	Free Chlorine mg/L 0.5 0.7 0.6 0.5	0.17 0.18 0.19 0.21	7.5 7.2 7.1 7.9
Airport Wastewater   Color	Chatham Avenue	Date  04/03/23 04/11/23 04/17/23 04/24/23  04/03/23 04/11/23	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5	(NTU)  0.18  0.17  0.18  0.21  0.22  0.16	7.9 7.9 7.8 7.4 7.6 7.6		Chatham Avenue Peel Street	Date 05/01/23 05/08/23 05/15/23 05/22/23 05/29/23 05/01/23 05/08/23	Free Chlorine mg/L 0.5 0.7 0.4 0.3 0.4 0.6 0.9	NTU 0.21 0.16 0.20 0.20 0.17 0.23 0.17	7.8 7.8 8.0 7.9 7.7 7.7 7.8		Chatham Avenue Peel Street	Date  06/05/23 06/12/23 06/19/23 06/26/23  06/05/23 06/12/23	Free Chlorine mg/L 0.5 0.7 0.6 0.5	0.17 0.18 0.19 0.21 0.16 0.19	7.5 7.2 7.1 7.9 7.4 7.2
Airport Wastewater Testament Plant	Chatham Avenue	Date  04/03/23 04/11/23 04/17/23 04/24/23  04/03/23 04/11/23 04/17/23	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.7 0.7	(NTU)  0.18  0.17  0.18  0.21  0.22  0.16  0.19	7.9 7.9 7.8 7.4 7.6 7.6 7.5		Chatham Avenue Peel Street	Date 05/01/23 05/08/23 05/15/23 05/22/23 05/29/23 05/08/23 05/08/23	Free Chlorine mg/L 0.5 0.7 0.4 0.3 0.4 0.6 0.9 0.6 0.4	NTU  0.21  0.16  0.20  0.20  0.17  0.23  0.17  0.15  0.23	7.8 7.8 8.0 7.9 7.7 7.7 7.8 7.9 7.8		Chatham Avenue Peel Street	Date  06/05/23 06/12/23 06/19/23 06/26/23  06/05/23 06/05/23 06/12/23 06/19/23	Free Chlorine mg/L 0.5 0.7 0.6 0.5 0.6 0.9	NTU 0.17 0.18 0.19 0.21 0.16 0.19 0.15	7.5 7.2 7.1 7.9 7.4 7.2 7.1
Airport Wastewaler Treatment Plant Treatment Plant Treatment Plant Treatment Plant    04/37/23	Chatham Avenue	Date  04/03/23 04/11/23 04/17/23 04/24/23  04/03/23 04/11/23 04/17/23 04/24/23	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.5 0.7 0.7	(NTU)  0.18  0.17  0.18  0.21  0.22  0.16  0.19  0.16	7.9 7.9 7.8 7.4 7.6 7.6 7.5 7.3		Chatham Avenue Peel Street	Date  05/01/23 05/08/23 05/15/23 05/15/23 05/29/23 05/01/23 05/08/23 05/15/23 05/25/23 05/25/23	Free Chlorine mg/L 0.5 0.7 0.4 0.3 0.4 0.6 0.9 0.6 0.4 0.5	NTU  0.21  0.16  0.20  0.20  0.17  0.23  0.17  0.15  0.23  0.17	7.8 7.8 8.0 7.9 7.7 7.7 7.8 7.9 7.8 7.9		Chatham Avenue Peel Street	Date  06/05/23 06/12/23 06/19/23 06/26/23  06/05/23 06/12/23 06/19/23 06/26/23	Free Chlorine mg/L  0.5  0.7  0.6  0.5  0.6  0.9  0.7  0.8	NTU 0.17 0.18 0.19 0.21 0.16 0.19 0.15 0.16	7.5 7.2 7.1 7.9 7.4 7.2 7.1 7.6
Object   O	Chatham Avenue  Peel Street Liftstation	Date  04/03/23 04/11/23 04/11/23 04/17/23 04/24/23  04/03/23 04/11/23 04/17/23 04/24/23	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.7 0.7 0.7 0.8	(NTU)  0.18  0.17  0.18  0.21  0.22  0.16  0.19  0.16  0.42	7.9 7.9 7.8 7.4 7.6 7.6 7.5 7.3		Chatham Avenue  Peel Street Liftstation	Date  05/01/23 05/08/23 05/08/23 05/15/23 05/22/23 05/29/23 05/01/23 05/05/25/29/23 05/05/29/23 05/01/23	Free Chlorine mg/L 0.5 0.7 0.4 0.3 0.4 0.6 0.9 0.6 0.4 0.5 0.4	NTU  0.21  0.16  0.20  0.20  0.17  0.23  0.17  0.15  0.23  0.17  0.30	7.8 7.8 8.0 7.9 7.7 7.7 7.8 7.9 7.8 7.6 7.7		Chatham Avenue Peel Street Liftstation	Date  06/05/23 06/12/23 06/19/23 06/26/23  06/05/23 06/12/23 06/19/23 06/26/23  06/05/23	Free Chlorine mg/L  0.5  0.7  0.6  0.5  0.7  0.8	0.17 0.18 0.19 0.21 0.16 0.19 0.15 0.16	7.5 7.2 7.1 7.9 7.4 7.2 7.1 7.6
Public Works Yard   Oky03/23   0.4   0.23   8.2   Public Works Yard   Oky03/23   0.4   0.18   8.1   Oky03/23   0.4   0.21   8.2   Public Works Yard   Oky03/23   0.4   0.20   8.1   Oky03/23   0.4   0.20   8.1   Oky03/23   0.4   0.23   8.0   Oky03/23   0.4   0.23   8.0   Oky03/23   0.4   Oky03/23	Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  04/03/23 04/11/23 04/17/23 04/24/23  04/03/23 04/11/23 04/17/23 04/24/23  04/11/23 04/11/23 04/11/23	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.7 0.7 0.7 0.7 0.8 0.5 0.4	(NTU)  0.18  0.17  0.18  0.21  0.22  0.16  0.19  0.16  0.42  0.27  0.22	7.9 7.9 7.8 7.4 7.6 7.6 7.5 7.3 7.7 7.7		Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  05/01/23 05/08/23 05/15/23 05/22/23 05/22/23 05/29/23 05/08/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/15/23	Free Chlorine mg/L 0.5 0.7 0.4 0.6 0.9 0.6 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3	NTU  0.21  0.16  0.20  0.20  0.17  0.23  0.17  0.15  0.23  0.17  0.30  0.26	7.8 7.8 8.0 7.9 7.7 7.7 7.8 7.9 7.8 7.6 7.7		Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  06/05/23 06/12/23 06/19/23 06/26/23  06/05/23 06/19/23 06/05/23 06/05/23 06/05/23 06/12/23	Free Chlorine mg/ L  0.5  0.7  0.6  0.5  0.6  0.9  0.7  0.8  0.3  0.5  0.4	NTU 0.17 0.18 0.19 0.21 0.16 0.19 0.15 0.16 0.18 0.35 0.18	7.5 7.2 7.1 7.9 7.4 7.2 7.1 7.6 7.5 7.2 7.1
Public Works Yard	Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  04/03/23 04/11/23 04/17/23 04/24/23  04/03/23 04/11/23 04/17/23 04/24/23  04/11/23 04/11/23 04/11/23	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.7 0.7 0.7 0.7 0.8 0.5 0.4	(NTU)  0.18  0.17  0.18  0.21  0.22  0.16  0.19  0.16  0.42  0.27  0.22	7.9 7.9 7.8 7.4 7.6 7.6 7.5 7.3 7.7 7.7		Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  05/01/23 05/08/23 05/15/23 05/15/23 05/22/23 05/08/23 05/08/23 05/08/23 05/08/23 05/08/23 05/08/23 05/05/25/23 05/08/23 05/05/25/23	Free Chlorine mg/L 0.5 0.7 0.4 0.3 0.4 0.6 0.9 0.6 0.4 0.5 0.7 0.6 0.9 0.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	NTU  0.21  0.16  0.20  0.20  0.17  0.23  0.17  0.15  0.23  0.17  0.30  0.26  0.22	7.8 7.8 8.0 7.9 7.7 7.7 7.8 7.9 7.8 7.6 7.7 7.8 7.9		Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  06/05/23 06/12/23 06/19/23 06/26/23  06/05/23 06/19/23 06/05/23 06/05/23 06/05/23 06/12/23	Free Chlorine mg/ L  0.5  0.7  0.6  0.5  0.6  0.9  0.7  0.8  0.3  0.5  0.4	NTU 0.17 0.18 0.19 0.21 0.16 0.19 0.15 0.16 0.18 0.35 0.18	7.5 7.2 7.1 7.9 7.4 7.2 7.1 7.6 7.5 7.2 7.1
Bear Cove Reservoir   O4/17/23   0.6   0.24   7.6   O4/17/23   0.6   0.24   7.6   O4/17/23   0.6   0.24   7.6   O4/17/23   0.6   0.20   7.5   O4/17/23   0.6   0.20   7.6   O4/17/23	Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  04/03/23  04/11/23  04/17/23  04/24/23  04/03/23  04/11/23  04/24/23  04/11/23  04/24/23	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.7 0.7 0.7 0.7 0.8 0.5 0.8 0.7 0.7 0.7 0.7 0.7 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.18 0.17 0.18 0.21 0.22 0.16 0.19 0.16 0.42 0.27 0.22 0.26	7.9 7.9 7.8 7.4 7.6 7.5 7.3 7.7 7.7 7.7		Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  05/01/23 05/08/23 05/15/23 05/15/23 05/22/23 05/20/23 05/01/23 05/01/23 05/01/23 05/02/23 05/02/23 05/02/23 05/02/23 05/02/23	Free Chlorine mg/L 0.5 0.7 0.4 0.3 0.4 0.6 0.9 0.6 0.4 0.5 0.7 0.4 0.7 0.3 0.4 0.5 0.9 0.6 0.9 0.8 0.9 0.8 0.9 0.8 0.9 0.8 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	NTU  0.21  0.16  0.20  0.20  0.17  0.15  0.23  0.17  0.30  0.26  0.22  0.27  0.23	7.8 7.8 8.0 7.9 7.7 7.7 7.8 7.9 7.8 7.6 7.7 7.8 7.9		Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  06/05/23  06/12/23  06/12/23  06/12/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23	Free Chlorine mg/L  0.5  0.7  0.6  0.5  0.6  0.9  0.7  0.8  0.9  0.7  0.8	NTU 0.17 0.18 0.19 0.21 0.16 0.19 0.15 0.16 0.18 0.35 0.18 0.33	7.5 7.2 7.1 7.9 7.4 7.2 7.1 7.6 7.5 7.2 7.1 7.8
65/29/23	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  04/03/23 04/11/23 04/11/23 04/17/23 04/17/23 04/24/23 04/17/23 04/17/23 04/17/23 04/24/23 04/17/23 04/24/23 04/24/23 04/03/23 04/03/23	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.7 0.7 0.7 0.8 0.8 0.7 0.7 0.7 0.8 0.5 0.4 0.4	0.18 0.17 0.18 0.21 0.22 0.16 0.19 0.16 0.42 0.22 0.26	7.9 7.9 7.8 7.4 7.6 7.5 7.3 7.7 7.7 7.6 8.2 8.1		Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  05/01/23 05/08/23 05/15/23 05/15/23 05/21/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23	Free Chlorine mg/L 0.5 0.7 0.4 0.3 0.4 0.6 0.9 0.6 0.4 0.7 0.3 0.4 0.6 0.9 0.6 0.4 0.7 0.3 0.8 0.6 0.4 0.7 0.3 0.8 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.6 0.4 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	NTU  0.21 0.16 0.20 0.20 0.17 0.23 0.17 0.15 0.23 0.17 0.30 0.26 0.22 0.27 0.23 0.19	7.8 7.8 8.0 7.9 7.7 7.7 7.8 7.9 7.8 7.6 7.7 7.8 7.9 7.8 7.9 7.8 7.9		Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  06/05/23 06/12/23 06/12/23 06/19/23 06/26/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23	Free Chlorine mg/L 0.5 0.7 0.6 0.5 0.7 0.6 0.9 0.7 0.8 0.3 0.5 0.4 0.4 0.4	0.17 0.18 0.19 0.21 0.16 0.19 0.15 0.16 0.19 0.15 0.16 0.18 0.35 0.18 0.33	7.5 7.2 7.1 7.9 7.4 7.2 7.1 7.6 7.5 7.2 7.1 7.8
Bagleview School   Control   Contr	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  04/03/23 04/11/23 04/12/23 04/12/23 04/24/23 04/24/23 04/24/23 04/24/23 04/24/23 04/24/23 04/24/23 04/24/23 04/11/23 04/11/23 04/11/23 04/11/23	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.7 0.7 0.7 0.7 0.5 0.5 0.5 0.5 0.7 0.7 0.7 0.7 0.7 0.8 0.8 0.5 0.5 0.4 0.4 0.5 0.5 0.4 0.4 0.3 0.3 0.5 0.4 0.3 0.3	(NTU)  0.18  0.17  0.18  0.21  0.22  0.16  0.19  0.16  0.42  0.27  0.22  0.26  0.23  0.18  0.21	7.9 7.9 7.8 7.4 7.6 7.6 7.5 7.3 7.7 7.7 7.6 8.2 8.1 8.2		Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  05/01/23 05/08/23 05/15/23 05/15/23 05/21/23 05/29/23 05/01/23 05/15/23 05/15/23 05/15/23 05/15/23 05/15/23 05/15/23 05/15/23 05/15/23 05/15/23 05/15/23	Free Chlorine mg/L 0.5 0.7 0.4 0.6 0.9 0.6 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.7 0.3 0.4 0.6 0.6 0.4 0.7 0.3 0.4 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	NTU  0.21 0.16 0.20 0.20 0.17 0.23 0.17 0.15 0.23 0.17 0.30 0.26 0.22 0.27 0.23 0.21 0.19 0.23	7.8 8.0 7.9 7.7 7.7 7.8 7.9 7.8 7.6 7.7 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9		Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  06/05/23 06/12/23 06/12/23 06/19/23 06/26/23 06/26/23 06/36/23 06/36/23 06/36/23 06/36/23 06/36/23 06/36/23 06/05/23 06/05/23 06/05/23 06/05/23	Free Chlorine mg/L 0.5 0.7 0.6 0.6 0.9 0.7 0.8 0.3 0.5 0.4 0.4 0.2	NTU 0.17 0.18 0.19 0.21 0.16 0.19 0.15 0.16 0.18 0.35 0.18 0.33 0.33 0.16 0.18 0.18 0.18 0.18 0.18 0.18 0.18 0.18	7.5 7.2 7.1 7.9 7.4 7.2 7.1 7.6 7.5 7.2 7.1 7.6 7.5 7.2 7.1 7.8 7.8 7.8 7.8
Eagleview School   Control   Contr	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  04/03/23 04/11/23 04/12/23 04/12/23 04/24/23 04/24/23 04/24/23 04/24/23 04/24/23 04/24/23 04/24/23 04/24/23 04/11/23 04/11/23 04/11/23 04/11/23	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.7 0.7 0.7 0.7 0.5 0.5 0.5 0.5 0.7 0.7 0.7 0.7 0.7 0.8 0.8 0.5 0.5 0.4 0.4 0.5 0.5 0.4 0.4 0.3 0.3 0.5 0.4 0.3 0.3	(NTU)  0.18  0.17  0.18  0.21  0.22  0.16  0.19  0.16  0.42  0.27  0.22  0.26  0.23  0.18  0.21	7.9 7.9 7.8 7.4 7.6 7.6 7.5 7.3 7.7 7.7 7.6 8.2 8.1 8.2		Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  05/01/23 05/08/23 05/08/23 05/15/23 05/25/23 05/25/23 05/25/23 05/08/23 05/08/23 05/08/23 05/08/23 05/08/23 05/08/23 05/08/23 05/08/23 05/08/23 05/08/23 05/08/23	Free Chlorine mg/L 0.5 0.7 0.4 0.6 0.9 0.6 0.4 0.5 0.7 0.4 0.6 0.9 0.6 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.8 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	NTU  0.21 0.16 0.20 0.20 0.17 0.23 0.17 0.15 0.23 0.17 0.15 0.23 0.17 0.30 0.26 0.22 0.27 0.23 0.21 0.19 0.23 0.21 0.29	7.8 7.8 8.0 7.9 7.7 7.7 7.8 7.9 7.8 7.6 7.7 7.8 7.6 7.7 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8		Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  06/05/23 06/12/23 06/12/23 06/19/23 06/26/23 06/26/23 06/36/23 06/36/23 06/36/23 06/36/23 06/36/23 06/36/23 06/05/23 06/05/23 06/05/23 06/05/23	Free Chlorine mg/L 0.5 0.7 0.6 0.6 0.9 0.7 0.8 0.3 0.5 0.4 0.4 0.2	NTU 0.17 0.18 0.19 0.21 0.16 0.19 0.15 0.16 0.18 0.35 0.18 0.33 0.33 0.16 0.18 0.18 0.18 0.18 0.18 0.18 0.18 0.18	7.5 7.2 7.1 7.9 7.4 7.2 7.1 7.6 7.5 7.2 7.1 7.6 7.5 7.2 7.1 7.8 7.8 7.8 7.8
Control   Cont	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  04/03/23 04/11/23 04/17/23 04/12/23 04/03/23 04/03/23 04/17/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.7 0.7 0.7 0.7 0.8 0.5 0.8 0.7 0.7 0.7 0.7 0.8 0.5 0.4 0.4 0.4 0.4 0.4 0.4 0.4	(NTU) 0.18 0.17 0.18 0.21 0.22 0.16 0.19 0.16 0.19 0.26 0.22 0.26 0.23 0.23 0.23	7.9 7.8 7.4 7.6 7.6 7.5 7.3 7.7 7.7 7.6 8.2 8.1 8.2 8.1		Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  05/01/23 05/08/23 05/08/23 05/15/23 05/22/23 05/22/23 05/29/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23	Free Chlorine mg/L	NTU  0.21 0.16 0.20 0.20 0.17 0.23 0.17 0.15 0.23 0.17 0.30 0.26 0.22 0.27 0.23 0.21 0.19 0.23 0.21 0.19 0.23	7.8 7.8 8.0 7.9 7.7 7.8 7.9 7.8 7.6 7.7 7.8 7.6 7.7 7.8 7.6 7.7 7.8 7.9 7.8 7.6 7.9 7.8 7.6 7.9 8.0 7.9 8.1		Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  06/05/23 06/12/23 06/19/23 06/19/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23	Free Chlorine mg/L  0.5  0.7  0.6  0.5  0.7  0.8  0.9  0.9  0.7  0.8  0.3  0.5  0.4  0.4  0.4  0.2  0.5	NTU 0.17 0.18 0.19 0.21 0.16 0.19 0.15 0.16 0.18 0.33 0.18 0.33 0.18 0.25 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	7.5 7.2 7.1 7.9 7.4 7.2 7.1 7.6 7.5 7.2 7.1 7.6 7.5 7.2 7.1 7.8 8.5 7.7
Mathematical Processes   Mathematical Proces	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard	Date  04/03/23 04/11/23 04/17/23 04/17/23 04/24/23  04/03/23 04/11/23 04/24/23  04/03/23 04/17/23 04/24/23  04/03/23 04/17/23 04/24/23  04/03/23 04/03/23 04/03/23 04/03/23	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.7 0.7 0.7 0.7 0.9 0.8 0.9 0.8 0.9 0.9 0.8 0.9 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	(NTU) 0.18 0.17 0.18 0.21 0.22 0.16 0.19 0.16 0.19 0.16 0.27 0.22 0.26 0.23 0.18 0.21 0.20	7.9 7.9 7.8 7.4 7.6 7.6 7.5 7.3 7.7 7.7 7.6 8.2 8.1 8.2 8.1 8.0 8.0		Chatham Avenue  Peel Street Lifestation  Airport Wastewater Treatment Plant  Public Works Yard	Date  05/01/23 05/08/23 05/08/23 05/08/23 05/15/23 05/29/23 05/08/23 05/08/23 05/08/23 05/08/23 05/08/23 05/08/23 05/08/23 05/08/23 05/08/23 05/08/23 05/08/23 05/08/23 05/08/23 05/08/23 05/08/23 05/08/23 05/08/23 05/08/23	Free Chlorine mg/L 0.5 0.7 0.4 0.3 0.4 0.6 0.5 0.4 0.7 0.3 0.4 0.5 0.6 0.6 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	NTU  0.21 0.16 0.20 0.20 0.17 0.15 0.23 0.17 0.15 0.23 0.17 0.30 0.26 0.22 0.27 0.21 0.19 0.23 0.24 0.17 0.20 0.19	7.8 8.0 7.9 7.7 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.6 7.7 7.8 7.9 9.8 8.0 7.9 8.1 8.0		Chatham Avenue  Peel Street Lifestation  Airport Wastewater Treatment Plant  Public Works Yard	Date  06/05/23 06/12/23 06/12/23 06/12/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23	Free Chlorine mg/L  0.5  0.7  0.6  0.5  0.7  0.8  0.9  0.7  0.8  0.3  0.4  0.4  0.2  0.2  0.5  0.6  0.6  0.7  0.8  0.7  0.8  0.8	NTU 0.17 0.18 0.19 0.21 0.16 0.19 0.15 0.16 0.18 0.35 0.18 0.33 0.16 0.18 0.25 0.19 0.19 0.19 0.19 0.19 0.19	7.5 7.2 7.1 7.9 7.4 7.2 7.1 7.6 7.5 7.2 7.1 7.8 7.8 7.8 7.8 7.6 7.4 8.5 7.7
Dear Cove Reservoir	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard	Date  04/03/23 04/11/23 04/11/23 04/12/23 04/03/23 04/12/23 04/03/23 04/17/23 04/03/23 04/17/23 04/03/23 04/17/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.7 0.7 0.7 0.7 0.7 0.8 0.5 0.4 0.4 0.4 0.4 0.3 0.4 0.4 0.3 0.5	(NTU) 0.18 0.17 0.18 0.21 0.22 0.16 0.19 0.16 0.19 0.16 0.27 0.22 0.26 0.23 0.31 0.23	7.9 7.9 7.8 7.4 7.6 7.6 7.6 7.7 7.7 7.7 7.6 8.2 8.1 8.2 8.1 8.0 8.0 7.9		Chatham Avenue  Peel Street Lifestation  Airport Wastewater Treatment Plant  Public Works Yard	Date  05/01/23 05/08/23 05/08/23 05/08/23 05/15/23 05/22/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23	Free Chlorine mg/L 0.5 0.7 0.4 0.3 0.4 0.6 0.6 0.9 0.6 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.5 0.6 0.9 0.6 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.8 0.6 0.6 0.5 0.5 0.5 0.5 0.3 0.5 0.4 0.5 0.4 0.5 0.5 0.4 0.5 0.5 0.4 0.5 0.5 0.4 0.5 0.4 0.5 0.5 0.5 0.4 0.5 0.5 0.5 0.4 0.5 0.5 0.5 0.4 0.5 0.5 0.5 0.4 0.5 0.5 0.5 0.4 0.5 0.5 0.5 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	NTU  0.21 0.16 0.20 0.20 0.17 0.23 0.17 0.23 0.17 0.23 0.19 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.2	7.8 7.8 8.0 7.9 7.7 7.7 7.8 7.9 7.8 7.6 7.7 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.7 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.8 7.9 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8		Chatham Avenue  Peel Street Lifestation  Airport Wastewater Treatment Plant  Public Works Yard	Date  06/05/23 06/12/23 06/12/23 06/26/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23	Free Chlorine mg/L  0.5  0.7  0.6  0.5  0.7  0.8  0.3  0.5  0.4  0.4  0.2  0.2  0.5  0.6  0.6  0.7  0.8  0.7  0.8  0.8  0.9  0.9  0.9  0.9  0.9  0.9	NTU 0.17 0.18 0.19 0.21 0.16 0.19 0.15 0.16 0.18 0.35 0.18 0.35 0.18 0.35 0.18 0.25 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	7.5 7.2 7.1 7.9 7.4 7.2 7.1 7.6 7.5 7.2 7.1 7.8 7.8 7.8 7.6 7.4 8.5
Bear Cove Reservoir   O4/17/23   0.6   0.24   7.6   Pear Cove Reservoir   O5/15/23   0.5   0.18   7.8   Pear Cove Reservoir   O5/15/23   0.5   0.20   7.3   Pear Cove Reservoir   O5/15/23   0.5   0.22   7.8   Pear Cove Reservoir   O5/15/23   0.5   0.22   7.9   Pear Cove Reservoir   O5/15/23   0.5   0.22   7.8   Pear Cove Reservoir   O5/15/23   0.5   0.22   7.5   Pear Cove Reserv	Chatham Avenue  Peel Street Lifestation  Airport Wastewater Treatment Plant  Public Works Yard	Date  04/03/23 04/11/23 04/17/23 04/24/23 04/03/23 04/17/23 04/24/23 04/17/23 04/24/23 04/17/23 04/17/23 04/17/23 04/17/23 04/24/23 04/03/23 04/17/23 04/03/23 04/17/23 04/03/23 04/17/23 04/03/23 04/17/23 04/03/23 04/17/23	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.7 0.7 0.7 0.7 0.7 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	(NTU) 0.18 0.17 0.18 0.21 0.22 0.16 0.19 0.16 0.19 0.16 0.27 0.22 0.26 0.23 0.18 0.21 0.20 0.23 0.23 0.23	7.9 7.8 7.4 7.6 7.5 7.7 7.7 7.7 7.6 8.2 8.1 8.2 8.1 8.0 7.9 7.9		Chatham Avenue  Peel Street Lifestation  Airport Wastewater Treatment Plant  Public Works Yard	Date  05/01/23 05/08/23 05/08/23 05/08/23 05/15/23 05/22/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23 05/01/23	Free Chlorine mg/L 0.5 0.7 0.4 0.3 0.4 0.5 0.5 0.4 0.5 0.5 0.4 0.5 0.5 0.4 0.5 0.5 0.4 0.5 0.5 0.4 0.5 0.5 0.4 0.5 0.5 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	NTU  0.21 0.16 0.20 0.20 0.23 0.17 0.15 0.23 0.17 0.30 0.26 0.27 0.23 0.27 0.23 0.27 0.23 0.21 0.19 0.23 0.21 0.19 0.23 0.24 0.17 0.20 0.25	7.8 8.0 7.9 7.7 7.7 7.8 7.9 7.8 7.9 7.8 7.6 7.8 7.9 7.8 7.9 8.0 7.9 8.1 8.0 8.1 8.1 8.1		Chatham Avenue  Peel Street Lifestation  Airport Wastewater Treatment Plant  Public Works Yard	Date  06/05/23 06/12/23 06/12/23 06/26/23 06/26/23 06/05/23 06/05/23 06/12/23 06/12/23 06/12/23 06/12/23 06/12/23 06/12/23 06/26/23	Free Chlorine mg/L  0.5  0.7  0.6  0.9  0.9  0.7  0.8  0.3  0.3  0.4  0.4  0.2  0.2  0.5  0.6  0.3  0.4  0.4  0.2  0.2  0.5  0.6  0.7  0.7  0.8	NTU 0.17 0.18 0.19 0.21 0.16 0.19 0.16 0.18 0.33 0.33 0.16 0.18 0.25 0.19 0.29 0.29 0.25	7.5 7.2 7.1 7.9 7.4 7.2 7.1 7.5 7.2 7.1 7.5 7.2 7.1 7.8 7.8 7.8 7.8 7.8 7.4 8.5
October   Octo	Chatham Avenue  Peel Street Lifestation  Airport Wastewater Treatment Plant  Public Works Yard	Date 04/03/23 04/13/23 04/13/23 04/13/23 04/23/23 04/03/23 04/03/23 04/13/23	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.7 0.7 0.7 0.7 0.8 0.8 0.5 0.5 0.4 0.5 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.4 0.3 0.5 0.4 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.5 0.4 0.5 0.4 0.5 0.5 0.4 0.5 0.5 0.4 0.5 0.5 0.4 0.5 0.6 0.7 0.7	(NTU) 0.18 0.17 0.18 0.21 0.22 0.16 0.19 0.16 0.42 0.22 0.26 0.18 0.21 0.20 0.23 0.31 0.23 0.20	7.9 7.8 7.4 7.6 7.6 7.5 7.3 7.7 7.7 7.7 7.6 8.2 8.1 8.0 8.0 7.9 7.9		Chatham Avenue  Peel Street Lifestation  Airport Wastewater Treatment Plant  Public Works Yard	Date  05/01/23  05/05/23  05/15/23  05/15/23  05/15/23  05/01/23	Free Chlorine mg/L 0.5 0.7 0.4 0.3 0.4 0.6 0.9 0.6 0.4 0.7 0.4 0.3 0.4 0.6 0.9 0.6 0.4 0.7 0.3 0.4 0.5 0.4 0.5 0.4 0.7 0.3 0.4 0.5 0.5 0.4 0.6 0.2 0.5 0.3 0.5 0.4 0.5 0.5 0.5 0.4 0.5 0.5 0.5 0.4 0.5 0.5 0.5 0.4 0.5 0.5 0.5 0.4 0.5 0.5 0.5 0.4 0.5 0.5 0.5 0.4 0.5 0.5 0.5 0.4 0.5 0.5 0.5 0.4 0.5 0.5 0.5 0.5 0.4 0.5 0.5 0.5 0.4 0.5 0.5 0.5 0.4 0.5 0.5 0.5 0.4 0.5 0.5 0.5 0.5 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	NTU  0.21 0.20 0.20 0.20 0.17 0.23 0.17 0.15 0.23 0.17 0.30 0.26 0.27 0.27 0.29 0.21 0.19 0.23 0.21 0.19 0.23 0.21 0.19 0.23 0.21 0.19 0.23 0.24 0.17 0.20 0.19 0.38	7.8 8.0 7.9 7.7 7.8 7.9 7.8 7.9 7.8 7.9 7.8 7.6 7.7 7.8 8.0 7.9 9.8 8.0 7.9 8.1 8.0 8.1 8.1 7.9 7.7		Chatham Avenue  Peel Street Lifestation  Airport Wastewater Treatment Plant  Public Works Yard	Date  06/05/23 06/15/23 06/15/23 06/15/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23	Free Chlorine mg/L  0.5  0.7  0.6  0.5  0.7  0.6  0.9  0.7  0.8  0.3  0.5  0.4  0.4  0.2  0.2  0.5  0.6  0.3  0.5  0.6  0.7  0.8  0.8  0.8  0.9  0.9  0.9  0.9  0.9	NTU 0.17 0.18 0.19 0.21 0.16 0.19 0.15 0.16 0.19 0.15 0.16 0.19 0.15 0.16 0.18 0.33 0.16 0.18 0.25 0.19 0.19 0.29 0.25 0.24	7.5 7.2 7.1 7.1 7.2 7.1 7.2 7.1 7.6 7.2 7.1 7.6 7.7 7.2 7.1 7.8 7.8 7.8 7.8 7.6 7.7 7.4 8.5 7.7 7.4 8.0
Description   Perry Terminal   Description	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date  Oli (03/23)  Oli (03/23)  Oli (13/23)	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.7 0.7 0.7 0.7 0.4 0.4 0.3 0.5 0.4 0.4 0.3 0.5 0.5 0.5 0.4 0.8 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	(NTU) 0.18 0.17 0.18 0.21 0.22 0.26 0.16 0.19 0.16 0.19 0.16 0.27 0.22 0.26 0.23 0.18 0.21 0.20 0.23 0.18 0.21 0.20	7.9 7.8 7.4 7.6 7.6 7.5 7.7 7.7 7.7 7.7 7.8 8.2 8.1 8.2 8.1 8.0 8.0 7.9 7.9 7.6 7.6 7.6 7.6 7.7 7.7 7.7 7.7 7.6 8.2 8.1 8.2 8.1 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0		Chatham Avenue  Peel Street Lifstation  Airport Wastewater Treatment Hant  Public Works Yard  Eagleview School	Date  05/01/23 05/05/23 05/15/23 05/15/23 05/15/23 05/01/23	Free Chlorine mg/L. 0.5 0.7 0.4 0.3 0.4 0.6 0.9 0.6 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.6 0.6 0.9 0.9 0.5 0.9 0.9 0.5	NTU  0.21 0.16 0.20 0.20 0.20 0.17 0.15 0.23 0.17 0.30 0.26 0.22 0.27 0.23 0.21 0.29 0.29 0.29 0.29 0.29 0.29 0.20 0.29 0.21 0.20 0.20 0.20 0.20 0.20 0.20 0.20	7.8 7.8 8.0 7.9 7.7 7.7 7.8 7.9 7.8 7.9 7.8 7.9 7.8 8.0 7.9 8.0 8.0 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1		Chatham Avenue  Peel Street Lifstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date 06/05/23 06/15/23 06/15/23 06/15/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/15/23 06/15/23 06/15/23 06/15/23 06/15/23 06/15/23 06/15/23 06/15/23 06/15/23	Free Chlorine mg/L  0.5  0.7  0.6  0.5  0.7  0.8  0.8  0.3  0.5  0.4  0.4  0.2  0.2  0.5  0.6  0.3  0.5  0.8  0.8  0.8	NTU 0.17 0.18 0.19 0.21 0.16 0.18 0.35 0.18 0.25 0.19 0.29 0.25 0.24 0.17 0.20 0.20 0.27 0.20 0.20 0.27 0.20 0.20	7.5 7.2 7.1 7.9 7.4 7.2 7.1 7.6 7.5 7.2 7.1 7.8 7.8 7.6 7.4 8.5 7.7 7.4 8.0
Description	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date  Oli (03/23)  Oli (03/23)  Oli (13/23)	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.7 0.7 0.7 0.7 0.4 0.4 0.3 0.5 0.4 0.4 0.3 0.5 0.5 0.5 0.4 0.8 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	(NTU) 0.18 0.17 0.18 0.21 0.22 0.26 0.16 0.19 0.16 0.19 0.16 0.27 0.22 0.26 0.23 0.18 0.21 0.20 0.23 0.18 0.21 0.20	7.9 7.8 7.4 7.6 7.6 7.5 7.7 7.7 7.7 7.7 7.8 8.2 8.1 8.2 8.1 8.0 8.0 7.9 7.9 7.6 7.6 7.6 7.6 7.7 7.7 7.7 7.7 7.6 8.2 8.1 8.2 8.1 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0		Chatham Avenue  Peel Street Lifstation  Airport Wastewater Treatment Hant  Public Works Yard  Eagleview School	Date  05/01/23 05/101/23 05/18/23 05/15/23 05/15/23 05/15/23 05/22/23 05/29/23	Free Chlorine mg/L. 0.5 0.7 0.4 0.3 0.4 0.6 0.9 0.6 0.6 0.4 0.5 0.6 0.6 0.6 0.7 0.7 0.7 0.4 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	NTU  0.21 0.16 0.20 0.20 0.20 0.17 0.15 0.17 0.15 0.30 0.26 0.22 0.21 0.23 0.21 0.29 0.20 0.20 0.20 0.21 0.20 0.21 0.21 0.20 0.21 0.21	7.8 8.0 7.9 7.7 7.7 7.8 7.9 7.8 7.9 7.8 7.9 7.8 8.0 7.9 8.1 8.1 7.9 8.1 8.1 7.7 7.7 7.7 7.7 7.7 7.7 7.8 8.1 8.1 7.9 8.1 7.9 8.1 7.9 8.1 7.9 8.1 7.9 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1 8.1		Chatham Avenue  Peel Street Lifstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date 06/05/23 06/15/23 06/15/23 06/15/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/15/23 06/15/23 06/15/23 06/15/23 06/15/23 06/15/23 06/15/23 06/15/23 06/15/23	Free Chlorine mg/L  0.5  0.7  0.6  0.5  0.7  0.8  0.8  0.3  0.5  0.4  0.4  0.2  0.2  0.5  0.6  0.3  0.5  0.8  0.8  0.8	NTU 0.17 0.18 0.19 0.21 0.16 0.18 0.35 0.18 0.25 0.19 0.29 0.25 0.24 0.17 0.20 0.20 0.27 0.20 0.20 0.27 0.20 0.20	7.5 7.2 7.1 7.9 7.4 7.2 7.1 7.6 7.5 7.2 7.1 7.8 7.8 7.6 7.4 8.5 7.7 7.4 8.0
04/24/23	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date  04/05/23 04/10/23 04/17/23 04/23/23 04/05/23 04/05/23 04/17/23 04/05/23 04/17/23 04/05/23 04/17/23	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.7 0.7 0.7 0.7 0.5 0.4 0.5 0.4 0.4 0.3 0.5 0.4 0.4 0.3 0.5 0.5 0.4 0.6 0.6 0.6 0.6 0.6 0.6 0.6	(NTU) 0.18 0.17 0.18 0.21 0.22 0.16 0.19 0.16 0.19 0.16 0.19 0.27 0.22 0.26 0.23 0.18 0.21 0.20 0.23 0.18 0.21 0.20	7.9 7.9 7.8 7.6 7.6 7.5 7.3 7.7 7.7 7.7 7.8 8.2 8.1 8.0 8.0 7.9 7.9 7.6 7.6 7.6 7.7 7.7 7.7 7.7 7.7 7.7 7.7		Chatham Avenue  Peel Street Lifstation  Airport Wastewater Treatment Hant  Public Works Yard  Eagleview School	Date  05/01/23 05/08/23 05/15/23 05/15/23 05/15/23 05/15/23 05/15/23 05/10/23 05/15/23 05/10/23 05/15/23 05/10/23 05/15/23 05/10/23	Free Chlorine mg/L 0.5 0.7 0.7 0.4 0.6 0.9 0.5 0.4 0.3 0.5 0.5 0.4 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	NTU  0.21 0.16 0.20 0.20 0.17 0.23 0.17 0.15 0.23 0.17 0.15 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.2	7.8 7.8 8.0 7.9 7.7 7.7 7.8 7.8 7.6 7.7 7.8 7.8 7.6 7.7 7.8 8.0 7.9 9.8 1.8 1.8 1.8 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9		Chatham Avenue  Peel Street Lifstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date  06/05/23 06/12/23 06/12/23 06/12/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/12/23 06/12/23 06/12/23 06/12/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23 06/05/23	Free Chlorine mg/L  0.5  0.7  0.6  0.5  0.6  0.9  0.7  0.8  0.3  0.5  0.4  0.4  0.2  0.2  0.5  0.6  0.3  0.5  0.6  0.7  0.8  0.8  0.9  0.7  0.8  0.9  0.9  0.7  0.8  0.9  0.9  0.9  0.9  0.9  0.9  0.9	NTU 0.17 0.17 0.18 0.19 0.21 0.16 0.19 0.15 0.16 0.19 0.15 0.16 0.18 0.25 0.19 0.19 0.19 0.25 0.25	7.5 7.2 7.1 7.4 7.2 7.1 7.6 7.5 7.2 7.1 7.8 7.6 7.8 7.6 7.4 8.5 7.7 7.4 8.0 7.7 7.4 8.0
04/03/23   1.0   0.35   8.0   05/123   0.5   0.32   7.6     06/05/23   0.9   0.23   7.4   06/05/23   0.9   0.23   7.4   06/05/23   0.9   0.23   7.4   06/05/23   0.9   0.23   7.4   06/05/23   0.9   0.23   7.4   06/05/23   0.9   0.23   7.4   06/05/23   0.9   0.23   7.4   06/05/23   0.9   0.23   7.4   06/05/23   0.9   0.23   7.4   06/05/23   0.9   0.23   7.4   06/05/23   0.9   0.23   7.4   06/05/23   0.9   0.23   7.5   06/05/23   0.9   0.23   7.5   06/05/23   0.9   0.23   7.5   06/05/23   0.9   0.23   7.5   0.5   0.23   7.6   0.5   0.23   7.6   0.5   0.23   7.6   0.5   0.23   7.6   0.5   0.23   7.6   0.5   0.23   7.5   0.5   0.23   0.25   0.2	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  04/05/23 04/05/23 04/17/23 04/03/23 04/03/23 04/03/23 04/17/23 04/03/23 04/03/23 04/17/23 04/03/23 04/03/23 04/17/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23 04/03/23	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.7 0.7 0.7 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	(NTU) 0.18 0.17 0.18 0.21 0.22 0.16 0.19 0.16 0.42 0.27 0.29 0.16 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.4	7.9 7.9 7.8 7.6 7.6 7.5 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7		Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  05/01/23 05/05/23 05/15/23	Free Chlorine mg/L   0.5   0.7   0.4   0.6   0.9   0.6   0.4   0.5   0.4   0.5   0.6   0.6   0.7   0.7   0.8   0.6   0.6   0.6   0.6   0.6   0.6   0.6   0.7   0.3   0.8   0.6   0.6   0.6   0.6   0.6   0.6   0.7   0.3   0.8   0.6   0.6   0.7   0.7   0.8   0.8   0.8   0.9   0.9   0.5	NTU 0.21 0.20 0.10 0.20 0.17 0.23 0.17 0.15 0.23 0.17 0.15 0.23 0.17 0.15 0.23 0.17 0.15 0.23 0.17 0.15 0.23 0.17 0.15 0.23 0.17 0.23 0.17 0.23 0.21 0.22 0.22 0.27 0.39 0.34 0.31 0.31 0.31 0.31 0.31 0.31 0.31 0.31	7.8 7.8 8.0 7.9 7.7 7.8 7.9 7.7 7.8 7.9 7.7 7.8 7.9 7.9 7.8 8.0 7.9 7.9 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0		Chatham Avenue  Peel Street Lifestation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  06/05/23  06/12/23  06/12/23  06/05/23	Free Chlorine mg/L  0.5  0.7  0.6  0.5  0.7  0.8  0.3  0.5  0.4  0.4  0.2  0.2  0.5  0.6  0.3  0.5  0.6  0.7  0.8  0.8  0.9  0.7  0.8  0.9  0.9  0.9  0.9  0.9  0.9  0.9	NTU 0.17 0.18 0.19 0.29 0.21 0.16 0.18 0.33 0.16 0.18 0.25 0.25 0.20 0.22 0.22 0.20 0.20 0.22 0.20 0.	7.5 7.2 7.1 7.9 7.4 7.2 7.1 7.6 7.5 7.2 7.1 7.6 7.7 7.8 7.8 7.8 7.8 7.7 7.4 8.0 7.3 7.3 7.3 7.3 7.3 7.3 7.4 7.4 7.7 7.8 7.8 7.7 7.4 7.7 7.4 7.7 7.7 7.8 7.8 7.8 7.8 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9
Highway 19 PRV   04/11/23   0.9   0.26   7.6   Highway 19 PRV   05/15/23   1.0   0.23   7.7   Highway 19 PRV   06/15/23   0.6   0.21   8.0   Highway 19 PRV   06/15/23   0.7   0.23   7.6   Highway 19 PRV   06/15/23   0.7   0.22   7.6   05/29/23   0.9   0.39   7.7   0.27   0.28   0.6   0.21   0.28   0.6   0.21   0.28   0.6   0.21   0.28	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  04/03/23 04/17/23	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.5 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.4 0.4 0.4 0.4 0.4 0.5 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.17 (NTU) 0.18 (0.17 (0	7.9 7.9 7.8 7.6 7.6 7.5 7.7 7.7 7.7 7.6 8.2 8.1 8.0 8.0 8.0 7.9 7.9 7.6 7.6 7.6 7.7 7.6 7.6 7.7 7.7 7.7 7.7		Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  05/01/23 05/08/23 05/15/23	Free Chlorine mg/L. 0.5 0.7 0.4 0.3 0.4 0.6 0.6 0.6 0.4 0.5 0.7 0.3 0.4 0.5 0.6 0.6 0.6 0.7 0.3 0.8 0.6 0.6 0.6 0.6 0.7 0.7 0.3 0.8 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	NTU 0.21 0.21 0.26 0.20 0.17 0.20 0.17 0.15 0.21 0.17 0.15 0.21 0.21 0.21 0.21 0.21 0.21 0.21 0.21	7.8 8.0 7.9 7.7 7.7 7.8 7.9 7.7 7.8 7.6 7.7 7.8 8.0 7.9 7.8 8.0 8.1 8.1 8.1 8.1 8.1 8.1 7.7 7.7 7.7 7.7 7.7 7.8 8.0 7.7 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9		Chatham Avenue  Peel Street Lifestation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  06/10/5/23  06/12/23  06/19/23  06/19/23  06/19/23  06/19/23  06/19/23  06/19/23  06/19/23  06/19/23  06/19/23  06/19/23  06/19/23  06/19/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23	Free Chlorine mg/L  0.5  0.7  0.6  0.9  0.7  0.8  0.3  0.4  0.4  0.2  0.5  0.6  0.9  0.7  0.8  0.7  0.8  0.8  0.8  0.9  0.9  0.9  0.9  0.9	NTU 0.17 0.17 0.18 0.19 0.19 0.15 0.16 0.18 0.18 0.18 0.18 0.18 0.18 0.18 0.18	75 72 72 74 77 74 72 71 75 75 75 77 78 78 74 74 74 74 75 77 77 74 74 75 75 77 77 74 74 74 75 75 75 76 76 77 77 77 77 78 78 78 78 78 78 78 78 78
Highway 19 RV 04/17/23 0.8 0.23 7.6 Highway 19 RV 05/15/23 0.6 0.21 8.0 Highway 19 RV 06/15/23 0.7 0.23 7.6 U5/22/23 0.7 U5/22/23 0.7 0.23 7.7 U5/22/23 0.7 U5/22	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  04/03/23 04/17/23	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.5 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.4 0.4 0.4 0.4 0.4 0.5 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.17 (NTU) 0.18 (0.17 (0	7.9 7.9 7.8 7.6 7.6 7.5 7.7 7.7 7.7 7.6 8.2 8.1 8.0 8.0 8.0 7.9 7.9 7.6 7.6 7.6 7.7 7.6 7.6 7.7 7.7 7.7 7.7		Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  05/01/23 05/10/23 05/15/23	Free Chlorine mg/L. 0.5 0.7 0.7 0.4 0.6 0.9 0.6 0.4 0.5 0.7 0.4 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	NTU 0.21 0.16 0.20 0.20 0.20 0.17 0.25 0.22 0.27 0.27 0.27 0.29 0.27 0.27 0.20 0.20 0.27 0.20 0.20 0.20	7.8 8.0 7.9 7.7 7.7 7.7 7.8 7.6 7.7 7.8 7.6 7.7 7.8 8.0 8.0 8.0 9.7 7.7 7.8 8.0 8.0 9.7 7.7 7.8 8.0 8.0 9.7 7.7 7.8 8.0 8.0 8.0 9.0 8.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9		Chatham Avenue  Peel Street Lifestation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  06/10/5/23  06/12/23  06/19/23  06/19/23  06/19/23  06/19/23  06/19/23  06/19/23  06/19/23  06/19/23  06/19/23  06/19/23  06/19/23  06/19/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23	Free Chlorine mg/L  0.5  0.7  0.6  0.9  0.7  0.8  0.3  0.4  0.4  0.2  0.5  0.6  0.9  0.7  0.8  0.7  0.8  0.8  0.8  0.9  0.9  0.9  0.9  0.9	NTU 0.17 0.17 0.18 0.19 0.19 0.15 0.16 0.18 0.18 0.18 0.18 0.18 0.18 0.18 0.18	75 72 72 74 77 74 72 71 75 75 75 77 78 78 74 74 74 74 75 77 77 74 74 75 75 77 77 74 74 74 75 75 75 76 76 77 77 77 77 78 78 78 78 78 78 78 78 78
04/24/23 1.0 0.20 7.6 05/22/23 0.7 0.23 7.6 06/25/23 0.9 0.33 7.8 06/25/23 0.9 0.39 7.7 05/29/23 0.9 0.39 7.7 0.23 7.8 0	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  04/03/23 04/10/23 04/17/23	Free Chlorine (mg/L) 0.6 0.6 0.5 0.5 0.5 0.7 0.7 0.7 0.4 0.4 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	(NTU) 0.18 0.17 0.18 0.21 0.22 0.16 0.29 0.16 0.19 0.16 0.27 0.22 0.20 0.20 0.20 0.21 0.21 0.21 0.22 0.25 0.21 0.21 0.21 0.21 0.22 0.25 0.21 0.21 0.21 0.23 0.20 0.23 0.20 0.21 0.20 0.23 0.20 0.21 0.20 0.23 0.20 0.21 0.21 0.25 0.21 0.20 0.25 0.21 0.20 0.21 0.20 0.21 0.21 0.20 0.21 0.21	7.9 7.9 7.8 7.4 7.6 7.6 7.5 7.3 7.7 7.7 7.7 7.7 8.2 8.1 8.0 8.0 8.0 7.6 7.6 7.6 7.7 7.9 8.1 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0		Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  05/01/23  05/08/23  05/18/23  05/15/23  05/15/23  05/22/23	Free Chlorine mg/L. 0.5 0.7 0.4 0.6 0.9 0.7 0.4 0.6 0.9 0.6 0.4 0.5 0.7 0.4 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	NTU 0.21 0.21 0.26 0.20 0.37 0.37 0.37 0.39 0.37 0.39 0.39 0.37 0.30 0.39 0.32 0.37 0.30 0.30 0.37 0.30 0.30 0.31 0.30 0.30 0.31 0.30 0.30	7.8 7.8 8.0 7.9 7.7 7.7 7.8 7.9 7.9 7.8 7.9 7.8 7.9 7.8 8.0 7.9 7.8 8.0 7.9 7.8 8.0 7.9 7.8 8.0 7.9 7.8 8.0 8.0 7.9 7.9 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0		Chatham Avenue  Peel Street Lifestation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  06/05/23  06/19/23  06/19/23  06/19/23  06/19/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23	Free Chlorine mg/L  0.5  0.7  0.6  0.5  0.7  0.7  0.8  0.3  0.5  0.4  0.4  0.2  0.5  0.6  0.5  0.6  0.5  0.6  0.7  0.8  0.7  0.8  0.9  0.7  0.9  0.9  0.9  0.9  0.9  0.9	NTU 0.17 0.17 0.18 0.18 0.19 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15	75 72 71 79 74 74 72 71 76 76 77 78 78 78 78 78 78 78 78 78 74 85 77 74 74 74 74 74 74 75 77 77 77 77 77 77 77 77 77 77 77 77
05/29/23 0.9 0.39 7.7	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal	Date  04/03/23 04/13/23 04/17/23	Free Chlorine (mg/L)	\(\text{NTU}\) 0.18 \(\text{.0.22}\) 0.21 \(\text{.0.21}\) 0.16 \(\text{.0.21}\) 0.16 \(\text{.0.21}\) 0.16 \(\text{.0.21}\) 0.16 \(\text{.0.21}\) 0.16 \(\text{.0.22}\) 0.16 \(\text{.0.21}\) 0.27 \(\text{.0.22}\) 0.26 \(\text{.0.23}\) 0.29 \(\text{.0.23}\) 0.20 \(\text{.0.23}\) 0.21 \(\text{.0.20}\) 0.21 \(\text{.0.20}\) 0.21 \(\text{.0.21}\) 0.25 \(\text{.0.23}\) 0.21 \(\text{.0.21}\) 0.21 \(\text{.0.23}\) 0.21 \(\text{.0.23}\) 0.21 \(\text{.0.23}\) 0.21 \(\text{.0.23}\) 0.21 \(\text{.0.23}\) 0.21 \(\text{.0.23}\) 0.25 \(\text{.0.23}\) 0.25 \(\text{.0.23}\) 0.25 \(\text{.0.23}\) 0.25 \(\text{.0.23}\) 0.25 \(\text{.0.25}\) 0.25 \(\text{.0.25}\) 0.25 \(\text{.0.25}\)	7.9 7.9 7.9 7.8 7.4 7.6 7.6 7.6 7.7 7.7 7.7 7.7 7.7 7.7 7.7		Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal	Date  05/01/23 05/08/23 05/15/23	Free Chlorine mg/L. 0.5 0.7 0.7 0.4 0.6 0.9 0.6 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	NTU 0.21 0.21 0.25 0.26 0.27 0.37 0.37 0.30 0.37 0.37 0.30 0.37 0.30 0.37 0.30 0.31 0.31 0.31 0.32 0.32 0.32 0.31 0.37 0.30 0.30 0.31 0.31 0.30 0.32 0.32 0.31 0.31 0.30 0.32 0.32 0.33 0.31 0.31 0.31 0.32 0.33 0.33 0.31 0.31 0.31 0.31 0.32 0.33 0.33 0.33 0.34 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35	7.8 7.8 8.0 7.9 7.7 7.7 7.8 7.9 7.6 7.7 7.9 7.8 8.0 7.9 7.9 8.1 8.0 8.1 8.1 8.1 8.1 8.1 7.7 7.7 7.8 8.0 7.9 7.7 7.8 8.0 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9		Chatham Avenue  Peel Street Lifestation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal	Date  06(05/23) 06(15/23) 06(15/23) 06(05/23)	Free Chlorine mg/L  0.5  0.7  0.6  0.5  0.7  0.6  0.9  0.7  0.8  0.3  0.5  0.4  0.4  0.2  0.2  0.5  0.6  0.3  0.5  0.6  0.7  0.7  0.8  0.8  0.9  0.9  0.9  0.9  0.9	NTU 0.17 0.17 0.17 0.17 0.17 0.17 0.17 0.18 0.19 0.19 0.15 0.16 0.15 0.16 0.15 0.15 0.16 0.17 0.17 0.17 0.18 0.18 0.25 0.17 0.17 0.18 0.18 0.25 0.19 0.29 0.20 0.20 0.20 0.20 0.20 0.20 0.2	75 72 71 79 74 74 72 72 71 75 75 72 71 75 78 78 78 74 85 77 74 85 77 74 75 75 77 78 77 78 77 78 77 78 77 78 77 78 78
Minimum 0.3 0.16 7.3 Minimum 0.2 0.15 7.6 Minimum 0.2 0.15 7.1	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal	Date  04/03/23 04/13/23 04/17/23	Free Chlorine (mg/L) 0.6 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	(NTU) 0.18 0.17 0.18 0.17 0.18 0.22 0.21 0.22 0.16 0.19 0.10 0.10 0.27 0.22 0.20 0.20 0.20 0.20 0.21 0.20 0.20	7.9 7.9 7.9 7.8 7.4 7.6 7.6 7.5 7.3 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7		Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal	Date  05/01/23  05/08/23  05/18/23  05/15/23	Free Chlorine mg/L. 0.5 0.7 0.4 0.5 0.7 0.4 0.6 0.9 0.6 0.4 0.5 0.4 0.5 0.4 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	NTU 0.21 0.16 0.16 0.20 0.21 0.21 0.22 0.21 0.17 0.25 0.21 0.17 0.20 0.21 0.17 0.20 0.21 0.17 0.20 0.21 0.21 0.21 0.22 0.22 0.21 0.21	7.8 7.8 8.0 7.9 7.7 7.7 7.8 7.9 7.8 7.9 7.6 7.7 7.8 8.0 7.9 8.1 8.0 7.9 8.1 8.1 7.7 7.7 8.8 7.7 7.7 8.8 7.7 7.7 8.8 7.7 7.7		Chatham Avenue  Peel Street Lifestation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal	Date  06/05/23  06/12/23  06/12/23  06/12/23  06/12/23  06/12/23  06/12/23  06/12/23  06/12/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23	Free Chlorine mg/L  0.5  0.6  0.6  0.5  0.7  0.6  0.9  0.7  0.8  0.3  0.5  0.4  0.4  0.2  0.2  0.5  0.6  0.3  0.4  0.5  0.6  0.7  0.6  0.7  0.7  0.7	NTU 0.17 0.17 0.17 0.17 0.17 0.17 0.17 0.17	75 72 71 79 74 72 74 72 73 75 75 75 77 78 85 74 88 74 80 73 74 74 74 75 77 77 77 77 77 77 77 77 77 77 77 77
	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal  Highway 19 PRV	Date  04/03/23 04/13/23 04/17/23 04/17/23 04/17/23 04/17/23 04/17/23 04/17/23 04/17/23 04/17/23 04/17/23 04/17/23 04/17/23 04/03/23 04/17/23 04/03/23 04/17/23 04/03/23 04/17/23 04/03/23 04/03/23 04/17/23 04/03/23 04/17/23 04/03/23 04/17/23 04/03/23 04/17/23 04/03/23 04/17/23 04/03/23 04/17/23 04/03/23 04/17/23 04/03/23 04/17/23 04/03/23 04/17/23 04/03/23 04/17/23 04/17/23 04/17/23 04/17/23 04/17/23 04/17/23 04/17/23 04/17/23 04/17/23 04/17/23 04/17/23 04/17/23 04/17/23 04/17/23 04/17/23	Free Chlorine (mg/L) 0.6 (mg/L) 0.6 (0.5 (0.5 (0.5 (0.5 (0.5 (0.5 (0.5 (0.5	(NTU) 0.18 0.17 0.18 0.17 0.18 0.21 0.22 0.16 0.19 0.16 0.17 0.18 0.27 0.29 0.16 0.20 0.20 0.21 0.20 0.21 0.20 0.21 0.21	7.9 7.9 7.9 7.8 7.4 7.6 7.6 7.5 7.3 7.7 7.7 7.7 7.7 7.7 7.6 8.2 8.1 8.0 7.9 7.9 7.6 7.6 7.6 7.6 7.6 7.7 7.7 7.7 7.7 7.7		Chatham Avenue  Peel Street Lifsstation  Airport Wastewater Treatment Flant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal  Highway 19 PRV	Date  05/01/23 05/08/23 05/15/23	Free Chlorine mg/L. 0.5 0.7 0.4 0.3 0.4 0.5 0.6 0.6 0.9 0.6 0.7 0.3 0.4 0.5 0.6 0.6 0.7 0.9 0.7 0.8 0.8 0.6 0.6 0.6 0.6 0.6 0.6 0.7 0.9 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	NTU 0.21 0.21 0.25 0.16 0.20 0.17 0.20 0.17 0.20 0.17 0.20 0.17 0.20 0.17 0.20 0.17 0.20 0.21 0.21 0.22 0.22 0.22 0.23 0.27 0.20 0.20 0.20 0.20 0.20 0.20 0.20	7.8 7.8 8.0 7.9 7.7 7.7 7.8 7.8 7.9 7.6 7.7 7.8 8.0 7.9 8.1 8.1 7.7 7.8 8.0 8.1 7.7 7.8 8.0 8.1 7.7 7.8 8.0 8.0 7.7 7.9 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0		Chatham Avenue  Peel Street Lifstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal  Highway 19 PRV	Date  06/05/23  06/12/23  06/12/23  06/12/23  06/12/23  06/12/23  06/12/23  06/12/23  06/12/23  06/12/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23  06/05/23	Free Chlorine mg/L  0.5  0.7  0.6  0.6  0.9  0.7  0.8  0.3  0.5  0.4  0.4  0.2  0.5  0.6  0.3  0.4  0.5  0.6  0.7  0.6  0.7  0.5  0.6  0.7  0.5  0.6  0.7  0.9  0.9	NTU 0.17 0.18 0.18 0.19 0.25 0.25 0.25 0.25 0.27 0.27 0.23 0.24 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25	75 72 71 79 79 74 74 72 72 71 76 75 75 72 71 78 85 74 85 74 74 74 74 75 77 77 77 77 77 78 77 77 77 77 77 77 77
0.7 0.0	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal  Highway 19 PRV  Average	Date  Olympia (1972)  Olympia	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.7 0.7 0.7 0.7 0.5 0.4 0.5 0.5 0.4 0.4 0.3 0.5 0.5 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	(NTU) 0.18 0.19 0.21 0.22 0.10 0.22 0.10 0.19 0.10 0.10 0.10 0.27 0.22 0.20 0.20 0.21 0.20 0.21 0.20 0.21 0.20 0.21 0.20 0.21 0.20 0.21 0.20 0.21 0.20 0.21 0.20 0.21 0.20 0.20	7.9 7.9 7.9 7.8 7.4 7.6 7.6 7.5 7.3 7.7 7.7 7.6 8.2 8.1 8.0 7.9 7.6 7.6 7.3 8.0 7.9 7.6 7.6 7.3 8.0 7.6 7.7 7.7 7.7 7.6 8.0 7.7 7.7 7.7 7.6 8.0 7.7 7.7 7.6 8.0 7.7 7.7 7.6 7.6 7.7 7.7 7.6 7.7 7.7 7.7		Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal  Highway 19 PRV  Average	Date  05/01/23 05/08/23 05/15/23	Free Chlorine mg/L.  0.5 0.7 0.7 0.4 0.6 0.9 0.6 0.4 0.5 0.7 0.4 0.7 0.3 0.4 0.5 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.8 0.6 0.6 0.6 0.6 0.6 0.6 0.7 0.3 0.8 0.6 0.6 0.6 0.7 0.5 0.5 0.5 0.6 0.6 0.6 0.9 0.5 0.7 0.8 0.6 0.6 0.9 0.9 0.5 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	NTU 0.21 0.21 0.16 0.20 0.17 0.20 0.17 0.20 0.17 0.20 0.17 0.20 0.17 0.20 0.17 0.20 0.17 0.20 0.17 0.20 0.17 0.20 0.21 0.21 0.20 0.21 0.22 0.21 0.22 0.23 0.23	7.8 7.8 8.0 7.9 7.7 7.7 7.8 7.9 7.8 7.7 7.8 8.0 7.7 7.8 8.0 7.7 7.8 8.0 8.1 7.7 7.9 8.1 7.7 7.8 8.0 7.7 7.8 7.9 8.0 7.7 7.8 8.0 7.7 7.8 8.0 7.7 7.8 8.0 7.7 7.8 8.0 7.7 7.8 8.0 7.7 7.8 8.0 7.7 7.8 7.8 7.9 7.9 7.9 8.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7		Chatham Avenue  Peel Street Lifestation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal  Highway 19 PRV  Average	Date  06/05/23 06/12/23 06/12/23 06/05/23	Free Chlorine mg/L  0.5  0.7  0.6  0.5  0.7  0.8  0.3  0.5  0.4  0.4  0.2  0.5  0.6  0.5  0.6  0.7  0.8  0.7  0.8  0.9  0.7  0.8  0.9  0.9  0.9  0.9  0.9  0.9  0.9	NTU 0.17 0.17 0.17 0.17 0.17 0.17 0.17 0.18 0.19 0.16 0.19 0.15 0.16 0.19 0.15 0.16 0.17 0.16 0.18 0.18 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	75 72 71 79 74 74 72 72 71 75 75 72 72 72 72 74 85 78 77 74 85 77 77 77 74 74 74 74 74 74 74 74 74 74

	Ju	ly				Auş	gust				Septe	ember		
Location	Date	Free Chlorine mg/L	Turbidity NTU	pН	Location	Date	Free Chlorine mg/L	Turbidity NTU	pH	Location	Date	Free Chlorine mg/L	Turbidity NTU	pH
Chatham Avenue	07/04/23 07/10/23 07/17/23	0.4 0.4 0.5	0.22 0.23 0.24	8.0 8.1 8.1	Chatham Avenue	08/08/23 08/14/23 08/21/23	0.3 0.5 0.6	0.19 0.18 0.16	7.6 7.8 8.0	Chatham Avenue	09/05/23 09/11/23 09/18/23	0.6 0.3 0.2	0.21 0.19 0.17	8.0 8.1 8.2
	07/25/23	0.4	0.22	8.0		08/28/23	0.7	0.20	8.0		09/25/23	0.2	0.19	8.3
Peel Street	07/04/23 07/10/23	0.8	0.24	7.9 7.8	Peel Street	08/08/23 08/14/23	0.5 0.8	0.19	7.4 7.6	Peel Street	09/05/23 09/11/23	0.9	0.38	7.8 7.8
Liftstation	07/17/23	0.7	0.26	7.8	Liftstation	08/21/23	0.9	0.18	7.9	Liftstation	09/18/23	0.5	0.21	7.7
	07/25/23 07/04/23	0.5	0.21	8.0 7.8		08/28/23 08/08/23	0.8	0.22	7.8 7.4		09/25/23 09/05/23	0.5 0.5	0.17	7.7
Airport Wastewater	07/10/23	0.3	0.24	7.8	Airport Wastewater	08/14/23	0.3	0.22	7.7	Airport Wastewater	09/11/23	0.3	0.20	7.8
Treatment Plant	07/17/23 07/25/23	0.5	0.23	7.8	Treatment Plant	08/21/23 08/28/23	0.4	0.19	7.9 7.8	Treatment Plant	09/18/23 09/25/23	0.3	0.19	7.8 7.8
	07/04/23	0.4	0.19	8.3		08/08/23	0.3	0.21	7.7		09/05/23	0.2	0.17	8.3
Public Works Yard	07/10/23 07/17/23	0.3	0.23	8.2 8.2	Public Works Yard	08/14/23 08/21/23	0.4	0.21	7.8 7.8	Public Works Yard	09/11/23 09/18/23	0.2	0.22	8.3 8.5
	07/25/23	0.4	0.20	8.0		08/28/23	0.2	0.17	8.2		09/25/23	0.5	0.22	7.8
	07/04/23 07/10/23	0.2	0.21	8.2 8.1		08/08/23 08/14/23	0.3	0.22	7.6 8.0		09/05/23 09/11/23	0.3	0.27	8.3 8.2
Eagleview School	07/17/23	0.37	0.18	8.42	Eagleview School	08/21/23	0.2	0.18	8.2	Eagleview School	09/18/23	0.2	0.16	8.1
	07/25/23 07/04/23	0.3	0.21	8.0 7.8		08/28/23 08/08/23	0.2	0.21	8.3 7.4		09/25/23 09/05/23	0.2	0.28	8.0 7.8
Bear Cove Reservoir	07/10/23	0.4	0.22	7.8	Bear Cove Reservoir	08/14/23	0.3	0.19	7.7	Bear Cove Reservoir	09/11/23	0.5	0.20	7.9
ikui cove keservon	07/17/23 07/25/23	0.4	0.19	7.9 7.7	ikii cove reservoii	08/21/23 08/28/23	0.2	0.18	7.8 7.8	ikui cove ikservon	09/18/23 09/25/23	0.6	0.20	7.6
	07/04/23	0.5	0.17	7.8		08/08/23	0.5	0.19	7.4		09/05/23	0.7	0.28	7.7
Ferry Terminal	07/10/23 07/17/23	0.4	0.17 0.16	7.7	Ferry Terminal	08/14/23 08/21/23	0.3	0.21	7.6 7.9	Ferry Terminal	09/11/23 09/18/23	0.5 0.5	0.24	7.9
	07/25/23	0.6	0.19	7.7		08/28/23	0.6	0.19	7.6		09/25/23	0.5	0.19	7.7
	07/04/23	0.7	0.23	7.6		08/08/23 08/14/23	0.7	0.33	7.3		09/05/23	0.8	0.20	7.8
	07/10/23 07/17/23	0.8	0.23	7.6 7.9	Highway 19 PRV	08/14/23	0.6	0.27	7.6	Highway 19 PRV	09/11/23 09/18/23	0.7	0.21	7.8 7.6
	07/25/23	0.8	0.20	7.6		08/28/23	0.9	0.30	7.7		09/25/23	0.7	0.18	7.7
Average Minimur		0.5	0.21	7.9 7.6	Average Minimus		0.5 0.2	0.21	7.7 7.3	Average Minimur		0.4	0.21	7.9 7.6
Maximur	m	0.9	0.26	8.4	Maximu		0.9	0.25	8.3	Maximur		0.9	0.38	8.5
	0 :													
	Octo	ober				Nove	mper					ember		
		Free	Turbidity				Free	Turbidity					Turbidity	
Location	Date	Chlorine mg/L	Turbidity NTU	pH 82	Location	Date	Free Chlorine mg/L	Turbidity NTU	pH	Location	Date	Free Chlorine mg/L	Turbidity NTU	pH
	Date 10/03/23 10/10/23	Chlorine		pH 8.2 7.9			Free Chlorine		pH 7.7 7.9			Free Chlorine		pH 7.9 7.7
Location  Chatham Avenue	10/03/23 10/10/23 10/16/23	Chlorine mg/L 0.1 0.6 0.3	NTU 0.23 0.21 0.19	8.2 7.9 8.0	Location  Chatham Avenue	Date  11/06/23  11/14/23  11/20/23	Free Chlorine mg/L 0.3 0.4 0.5	NTU 0.24 0.22 0.19	7.7 7.9 8.1	Location  Chatham Avenue	Date 12/04/23 12/11/23 12/18/23	Free Chlorine mg/L 0.4 0.3 0.3	NTU 0.18 0.20 0.20	7.9 7.7 7.8
	10/03/23 10/10/23 10/16/23 10/23/23 10/30/23	Chlorine mg/L 0.1 0.6 0.3 0.4 0.2	NTU 0.23 0.21 0.19 0.21 0.20	8.2 7.9 8.0 8.0 8.3		Date  11/06/23  11/14/23  11/20/23  11/27/23	Free Chlorine mg/L 0.3 0.4 0.5 0.6	NTU 0.24 0.22 0.19 0.19	7.7 7.9 8.1 8.0		Date  12/04/23  12/11/23  12/18/23  12/27/23	Free Chlorine mg/L 0.4 0.3 0.3 0.5	NTU 0.18 0.20 0.20 0.22	7.9 7.7 7.8 7.8
Chatham Avenue	10/03/23 10/10/23 10/16/23 10/23/23	Chlorine mg/L 0.1 0.6 0.3 0.4	NTU 0.23 0.21 0.19 0.21	8.2 7.9 8.0 8.0	Chatham Avenue	Date  11/06/23  11/14/23  11/20/23	Free Chlorine mg/L 0.3 0.4 0.5	NTU 0.24 0.22 0.19	7.7 7.9 8.1	Chatham Avenue	Date 12/04/23 12/11/23 12/18/23	Free Chlorine mg/L 0.4 0.3 0.3	NTU 0.18 0.20 0.20	7.9 7.7 7.8
Chatham Avenue Peel Street	10/03/23 10/10/23 10/16/23 10/23/23 10/30/23 10/03/23 10/10/23 10/16/23	Chlorine mg/L 0.1 0.6 0.3 0.4 0.2 0.9 1.0	NTU 0.23 0.21 0.19 0.21 0.20 0.23 0.18 0.18	8.2 7.9 8.0 8.0 8.3 7.8 7.7	Chatham Avenue Peel Street	Date  11/06/23 11/14/23 11/20/23 11/27/23  11/06/23 11/14/23 11/20/23	Free Chlorine mg/L 0.3 0.4 0.5 0.6 0.8 0.8 0.7	NTU  0.24  0.22  0.19  0.19  0.20  0.18  0.19	7.7 7.9 8.1 8.0 7.6 7.7	Chatham Avenue Peel Street	Date  12/04/23 12/11/23 12/18/23 12/27/23 12/04/23 12/11/23 12/18/23	Free Chlorine mg/L  0.4  0.3  0.3  0.5  0.7  0.6  0.6	NTU 0.18 0.20 0.20 0.22 0.19 0.22 0.19	7.9 7.7 7.8 7.8 7.7 7.6 7.6
Chatham Avenue	10/03/23 10/10/23 10/16/23 10/23/23 10/30/23 10/03/23 10/10/23	Chlorine mg/L 0.1 0.6 0.3 0.4 0.2 0.9	NTU 0.23 0.21 0.19 0.21 0.20 0.23 0.18	8.2 7.9 8.0 8.0 8.3 7.8 7.7	Chatham Avenue	Date  11/06/23 11/14/23 11/20/23 11/27/23 11/06/23 11/14/23	Free Chlorine mg/L 0.3 0.4 0.5 0.6 0.8 0.8	NTU 0.24 0.22 0.19 0.19 0.20 0.18	7.7 7.9 8.1 8.0 7.6	Chatham Avenue	Date  12/04/23 12/11/23 12/18/23 12/27/23 12/04/23 12/11/23	Pree Chlorine mg/L 0.4 0.3 0.3 0.5 0.7	NTU 0.18 0.20 0.20 0.22 0.19 0.22	7.9 7.7 7.8 7.8 7.7 7.6
Chatham Avenue Peel Street	10/03/23 10/10/23 10/16/23 10/23/23 10/30/23 10/03/23 10/10/23 10/16/23 10/23/23 10/30/23 10/03/23	Chlorine mg/L 0.1 0.6 0.3 0.4 0.2 0.9 1.0 0.5 0.8 0.5	NTU  0.23  0.21  0.19  0.20  0.23  0.18  0.18  0.19  0.26  0.19	8.2 7.9 8.0 8.0 8.3 7.8 7.7 7.7 7.7 7.5 7.8	Chatham Avenue Peel Street	Date  11/06/23 11/14/23 11/20/23 11/27/23  11/06/23 11/27/23 11/20/23 11/27/23 11/20/23 11/27/23	Free Chlorine mg/L 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7	0.24 0.22 0.19 0.19 0.20 0.18 0.19 0.19	7.7 7.9 8.1 8.0 7.6 7.7 7.7 7.7	Chatham Avenue Peel Street	Date  12/04/23 12/11/23 12/18/23 12/27/23  12/04/23 12/11/23 12/18/23 12/27/23	Free Chlorine mg/L  0.4  0.3  0.5  0.7  0.6  0.6  0.7  0.3	NTU  0.18  0.20  0.20  0.22  0.19  0.22  0.19  0.18  0.27	7.9 7.7 7.8 7.8 7.8 7.7 7.6 7.6 7.6
Chatham Avenue  Peel Street Liftstation  Airport Wastewater	10/03/23 10/10/23 10/16/23 10/23/23 10/30/23 10/03/23 10/10/23 10/10/23 10/23/23 10/30/23	Chlorine mg/L 0.1 0.6 0.3 0.4 0.2 0.9 1.0 0.5	NTU  0.23  0.21  0.19  0.20  0.23  0.18  0.18  0.19  0.26	8.2 7.9 8.0 8.0 8.3 7.8 7.7 7.7 7.7 7.5	Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  11/06/23 11/14/23 11/20/23 11/27/23 11/06/23 11/14/23 11/20/23 11/27/23	Free Chlorine mg/L 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7	0.24 0.22 0.19 0.19 0.20 0.18 0.19	7.7 7.9 8.1 8.0 7.6 7.7 7.7	Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  12/04/23 12/11/23 12/18/23 12/27/23  12/04/23 12/11/23 12/18/23 12/27/23	Free Chlorine mg/L  0.4  0.3  0.3  0.5  0.7  0.6  0.6  0.7	NTU  0.18  0.20  0.20  0.22  0.19  0.22  0.19  0.18	7.9 7.7 7.8 7.8 7.8 7.7 7.6 7.6 7.6
Chatham Avenue  Peel Street Liftstation	10/03/23 10/10/23 10/16/23 10/33/23 10/33/23 10/33/23 10/10/23 10/16/23 10/23/23 10/33/23 10/33/23 10/10/23 10/10/23 10/10/23 10/10/23	Chlorine mg/L 0.1 0.6 0.3 0.4 0.2 0.9 1.0 0.5 0.8 0.5 0.4 0.4 0.4 0.4 0.3 0.4	NTU  0.23  0.21  0.19  0.21  0.20  0.23  0.18  0.18  0.19  0.26  0.19  0.17  0.18  0.19	8.2 7.9 8.0 8.0 8.3 7.8 7.7 7.7 7.7 7.7 7.5 7.8 7.7 7.8 7.7	Chatham Avenue  Peel Street Liftstation	Date  11/06/23 11/14/23 11/20/23 11/27/23  11/06/23 11/14/23 11/27/23  11/06/23 11/14/23 11/106/23 11/14/23	Free Chlorine mg/L 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.7	0.24 0.22 0.19 0.19 0.20 0.18 0.19 0.19 0.21	7.7 7.9 8.1 8.0 7.6 7.7 7.7 7.7 7.7	Chatham Avenue  Peel Street Liftstation	Date  12/04/23 12/11/23 12/18/23 12/27/23  12/04/23 12/18/23 12/27/23  12/04/23 12/11/23 12/11/23	Free Chlorine mg/L 0.4 0.3 0.3 0.5 0.5 0.7 0.6 0.6 0.7 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	NTU  0.18 0.20 0.20 0.22  0.19 0.19 0.18  0.27 0.25	7.9 7.7 7.8 7.8 7.7 7.6 7.6 7.6 7.7
Chatham Avenue  Peel Street Liftstation  Airport Wastewater	10/03/23 10/10/23 10/10/23 10/16/23 10/23/23 10/30/23 10/03/23 10/10/23 10/23/23 10/30/23 10/03/23 10/03/23 10/10/23 10/16/23	Chlorine mg/L  0.1  0.6  0.3  0.4  0.2  0.9  1.0  0.5  0.8  0.5  0.4  0.4  0.3	NTU  0.23  0.21  0.19  0.20  0.23  0.18  0.18  0.19  0.26  0.19  0.17  0.18	8.2 7.9 8.0 8.0 8.3 7.8 7.7 7.7 7.7 7.5 7.8 7.7 7.8	Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  11/06/23 11/14/23 11/20/23 11/27/23 11/06/23 11/120/23 11/20/23 11/27/23 11/20/23 11/20/23 11/14/23 11/20/23 11/14/23	Free Chlorine mg/L 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.7 0.2 0.3 0.4	NTU 0.24 0.22 0.19 0.19 0.20 0.18 0.19 0.19 0.21 0.21 0.20	7.7 7.9 8.1 8.0 7.6 7.7 7.7 7.7 7.7 7.8 7.8	Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  12/04/23 12/11/23 12/18/23 12/27/23 12/04/23 12/11/23 12/27/23 12/18/23 12/27/23 12/11/23 12/11/23 12/11/23 12/11/23	Free Chlorine mg/L 0.4 0.3 0.3 0.5 0.7 0.6 0.6 0.7 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	NTU  0.18  0.20  0.20  0.22  0.19  0.22  0.19  0.18  0.27  0.25  0.20	7.9 7.7 7.8 7.8 7.7 7.6 7.6 7.6 7.7 7.7
Chatham Avenue  Peel Street Lifsstation  Airport Wastewater Treatment Plant	10/03/23 10/10/23 10/10/23 10/16/23 10/23/23 10/30/23 10/03/23 10/10/23 10/23/23 10/10/23 10/10/23 10/10/23 10/10/23 10/30/23 10/30/23 10/30/23 10/30/23	Chlorine mg/L 0.1 0.1 0.6 0.3 0.4 0.2 0.9 1.0 0.5 0.8 0.5 0.4 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	NTU  0.23 0.21 0.19 0.20 0.23 0.18 0.18 0.19 0.26 0.19 0.17 0.18 0.19 0.19 0.19 0.10 0.19 0.10 0.19 0.10 0.19 0.10 0.19 0.10 0.19 0.10 0.19 0.10 0.10	8.2 7.9 8.0 8.0 8.3 7.8 7.7 7.7 7.7 7.5 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.8	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  11/06/23 11/14/23 11/20/23 11/20/23 11/20/23 11/14/23 11/20/23 11/14/23 11/20/23 11/14/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23	Free Chlorine mg/L 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.7 0.2 0.3 0.4 0.5 0.6 0.8 0.8 0.8 0.7 0.7 0.7 0.9 0.9 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.24 0.22 0.19 0.19 0.20 0.18 0.19 0.21 0.21 0.20 0.18 0.29 0.19	7.7 7.9 8.1 8.0 7.6 7.7 7.7 7.7 7.8 7.8 7.8 7.8	Chatham Avenue  Peel Street Lifstation  Airport Wastewater Treatment Plant	Date  12/04/23 12/11/23 12/11/23 12/18/23 12/12/27/23  12/04/23 12/11/23 12/12/27 12/04/23 12/11/23 12/11/23 12/11/23 12/12/27/23	Free Chlorine mg/L  0.4  0.3  0.5  0.7  0.6  0.6  0.7  0.3  0.3  0.3  0.3  0.3  0.3  0.3	0.18 0.20 0.20 0.22 0.19 0.22 0.19 0.18 0.27 0.25 0.20 0.26 0.20 0.24	7.9 7.7 7.8 7.8 7.8 7.6 7.6 7.6 7.7 7.7 7.8 7.6 7.7 7.7 7.8 7.6
Chatham Avenue  Peel Street Liftstation  Airport Wastewater	10/03/23 10/10/23 10/16/23 10/23/23 10/30/23 10/03/23 10/10/23 10/10/23 10/30/23 10/03/23 10/03/23 10/10/23 10/10/23 10/03/23 10/03/23 10/03/23 10/03/23 10/03/23	Chlorine mg/L 0.1 0.6 0.3 0.4 0.2 0.9 1.0 0.5 0.8 0.5 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	NTU  0.23  0.21  0.19  0.21  0.20  0.23  0.18  0.18  0.19  0.17  0.18  0.19  0.17  0.18  0.19  0.19	8.2 7.9 8.0 8.0 8.3 7.8 7.7 7.7 7.5 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.8	Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  11/06/23 11/14/23 11/20/23 11/20/23 11/20/23 11/14/23 11/20/23 11/20/23 11/06/23 11/10/23 11/20/23 11/20/23 11/20/23 11/20/23	Free Chlorine mg/L 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.7 0.2 0.3 0.4 0.5 0.9 0.9 0.9	NTU  0.24  0.22  0.19  0.19  0.20  0.18  0.19  0.21  0.21  0.20  0.18  0.21  0.20  0.18	7.7 7.9 8.1 8.0 7.6 7.7 7.7 7.7 7.8 7.8 7.8	Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  12/04/23 12/11/23 12/11/23 12/18/23 12/12/23 12/11/23 12/18/23 12/27/23 12/18/23 12/27/23 12/18/23 12/27/23	Free Chlorine mg/L  0.4  0.3  0.5  0.7  0.6  0.6  0.7  0.3  0.3  0.3  0.3  0.3  0.5	NTU  0.18  0.20  0.20  0.22  0.19  0.22  0.19  0.18  0.27  0.25  0.20  0.26	7.9 7.7 7.8 7.8 7.7 7.6 7.6 7.6 7.7 7.7 7.8 7.6
Chatham Avenue  Peel Street Lifsstation  Airport Wastewater Treatment Plant	10/03/23 10/10/23 10/16/23 10/16/23 10/23/23 10/30/23 10/30/23 10/16/23 10/16/23 10/30/23 10/30/23 10/30/23 10/16/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/16/23	Chlorine mg/L 0.1 0.6 0.3 0.4 0.2 0.9 1.0 0.5 0.8 0.5 0.4 0.4 0.3 0.4 0.3 0.4 0.3 0.1 0.3 0.1 0.3 0.1 0.3 0.1 0.3 0.1 0.3 0.1 0.3 0.1 0.2 0.2 0.2	NTU  0.23 0.21 0.19 0.21 0.20 0.23 0.18 0.18 0.18 0.19 0.26 0.19 0.17 0.18 0.19 0.19 0.10 0.19 0.10 0.10 0.10 0.10	8.2 7.9 8.0 8.0 8.3 7.8 7.7 7.7 7.7 7.7 7.8 7.7 7.7	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  11/06/23  11/14/23  11/20/23  11/20/23  11/20/23  11/20/23  11/20/23  11/20/23  11/20/23  11/20/23  11/20/23  11/20/23  11/20/23  11/20/23  11/20/23	Free Chlorine mg/L 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.7 0.2 0.3 0.4 0.5 0.6 0.8 0.8 0.8 0.8 0.8 0.7 0.7 0.7 0.9 0.8 0.8 0.8 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	NTU  0.24 0.22 0.19 0.19 0.20 0.18 0.19 0.21 0.21 0.21 0.20 0.18 0.19 0.19	7.7 7.9 8.1 8.0 7.6 7.7 7.7 7.7 7.8 7.8 7.8 7.6 7.7 7.7 7.8 7.8 7.8 7.8 7.6 7.7 7.7	Chatham Avenue  Peel Street Lifstation  Airport Wastewater Treatment Plant	Date  12/04/23 12/11/23 12/11/23 12/11/23 12/12/23 12/12/23 12/12/23 12/12/23 12/12/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23	Free Chlorine mg/L  0.4  0.3  0.3  0.5  0.7  0.6  0.6  0.7  0.3  0.3  0.3  0.3  0.5  0.7  0.9  0.9	0.18 0.20 0.20 0.22 0.19 0.22 0.19 0.18 0.27 0.25 0.20 0.26 0.20 0.26	7.9 7.7 7.8 7.8 7.6 7.6 7.6 7.6 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.6 7.7 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8
Chatham Avenue  Peel Street Lifsstation  Airport Wastewater Treatment Plant	10/03/23 10/10/23 10/16/23 10/16/23 10/23/23 10/38/23 10/38/23 10/16/23 10/23/23 10/38/23 10/38/23 10/10/23 10/38/23 10/16/23 10/38/23 10/16/23 10/38/23 10/16/23 10/38/23	Chlorine mg/L 0.1 0.1 0.6 0.3 0.4 0.2 0.9 1.0 0.5 0.8 0.5 0.4 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.1 0.3 0.1 0.1 0.2 0.9 0.5 0.8 0.5 0.4 0.4 0.3 0.4 0.3 0.4 0.3 0.1 0.3 0.1 0.3 0.1 0.2 0.3 0.1 0.2 0.2 0.2 0.2 0.2 0.3 0.3 0.1 0.2 0.2 0.2 0.2 0.3 0.3 0.1 0.2 0.2 0.2 0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	NTU  0.23 0.21 0.19 0.20 0.21 0.20 0.23 0.18 0.18 0.19 0.26 0.19 0.17 0.18 0.19 0.26 0.19 0.14 0.13 0.40	8.2 7.9 8.0 8.0 8.3 7.8 7.7 7.7 7.7 7.8 7.7 7.8 7.7 7.7	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  11/06/23 11/14/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23	Free Chlorine mg/L 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.7 0.2 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.7 0.9 0.8 0.8 0.8 0.9 0.8 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	NTU  0.24 0.22 0.19 0.19  0.20 0.18 0.19  0.21 0.21 0.21 0.21 0.20 0.18 0.18 0.18	7.7 7.9 8.1 8.0 7.6 7.7 7.7 7.7 7.7 7.8 7.8 7.8 7.6 7.6	Chatham Avenue  Peel Street Lifstation  Airport Wastewater Treatment Plant	Date  12/04/23 12/11/23 12/11/23 12/18/23 12/12/23 12/18/23 12/11/23 12/18/23 12/18/23 12/18/23 12/18/23 12/18/23 12/18/23 12/18/23 12/18/23 12/18/23 12/18/23	Free Chlorine mg/L  0.4  0.3  0.5  0.7  0.6  0.6  0.7  0.3  0.3  0.5  0.7  0.6  0.7  0.7  0.8  0.9  0.9  0.9  0.9  0.9  0.9  0.9	0.18 0.20 0.20 0.22 0.19 0.18 0.22 0.19 0.18 0.27 0.25 0.20 0.26 0.20 0.26 0.20 0.28	7.9 7.7 7.8 7.8 7.6 7.6 7.6 7.6 7.7 7.7 7.8 7.6 7.7 7.7 7.8 7.8
Chatham Avenue  Peel Street Lifsstation  Airport Wastewater Treatment Plant	10/03/23 10/10/23 10/16/23 10/16/23 10/32/23 10/30/23 10/30/23 10/10/23 10/10/23 10/30/23 10/10/23	Chlorine mg/L 0.1 0.6 0.3 0.4 0.2 0.9 1.0 0.8 0.5 0.4 0.4 0.4 0.4 0.3 0.1 0.1 0.2 0.2 0.9 0.2 0.0 0.5 0.8 0.3 0.1 0.3 0.1 0.3 0.1 0.3 0.1 0.3 0.1 0.3 0.1 0.3 0.1 0.3 0.1 0.3 0.1 0.3 0.1 0.3 0.1 0.3 0.3 0.1 0.3 0.3 0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	NTU  0.23 0.21 0.19 0.20 0.23 0.18 0.19 0.26 0.19 0.26 0.19 0.17 0.18 0.19 0.26 0.19 0.20 0.10 0.10 0.10 0.10 0.10 0.10 0.10	8.2 7.9 8.0 8.0 8.3 7.8 7.7 7.7 7.5 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.7	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  11/06/23  11/14/23  11/20/23  11/27/23  11/26/23  11/26/23  11/26/23  11/26/23  11/46/23  11/46/23  11/46/23  11/46/23  11/46/23  11/46/23  11/46/23	Free Chlorine mg/L 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.7 0.2 0.3 0.4 0.5 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.9 0.9 0.8 0.8 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.2 0.2 0.2 0.4 0.5 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	NTU  0.24 0.22 0.19 0.19 0.20 0.18 0.19 0.21 0.21 0.21 0.20 0.18 0.19 0.21 0.21 0.22 0.25 0.18 0.19	7.7 7.9 8.1 8.0 7.6 7.7 7.7 7.7 7.7 7.8 7.8 7.8 7.8 7.6 7.7 7.6 7.7 7.7 7.7 7.9 7.9	Chatham Avenue  Peel Street Lifstation  Airport Wastewater Treatment Plant	Date  12/04/28 12/11/23 12/11/23 12/11/23 12/12/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23	Free Chlorine mg/L  0.4  0.3  0.3  0.5  0.7  0.6  0.6  0.7  0.3  0.3  0.3  0.3  0.3  0.3  0.3	NTU  0.18 0.20 0.20 0.22  0.19 0.22  0.19 0.18  0.27 0.25 0.20 0.26 0.20 0.26 0.18  0.18 0.18 0.18	7.9 7.7 7.8 7.8 7.8 7.6 7.6 7.6 7.7 7.7 7.8 7.6 7.6 7.7 7.7 7.8 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6
Chatham Avenue  Peel Street Liftstation  Airport Wastewaler Treatment Plant  Public Works Yard	10/03/23 10/10/23 10/16/23 10/16/23 10/23/23 10/30/23 10/30/23 10/16/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23	Chlorine mg/L 0.1 0.6 0.3 0.4 0.2 0.9 1.0 0.5 0.8 0.5 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.3 0.1 0.2 0.2 0.2 0.2 0.2 0.3 0.3 0.1 0.2 0.2 0.2 0.3 0.3 0.3 0.1 0.2 0.2 0.2 0.3 0.3 0.3 0.3 0.1 0.2 0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	NTU  0.23 0.21 0.19 0.21 0.20 0.23 0.18 0.18 0.19 0.26 0.19 0.17 0.18 0.19 0.26 0.19 0.40 0.43 0.20 0.43	8.2 7.9 8.0 8.0 8.3 7.8 7.7 7.7 7.7 7.7 7.7 7.8 7.7 7.7	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard	Date  11/06/23 11/10/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23	Free Chlorine mg/L 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.7 0.2 0.3 0.4 0.5 0.8 0.8 0.6 0.8 0.8 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	NTU  0.24 0.22 0.19 0.19 0.19 0.20 0.18 0.19 0.21 0.21 0.21 0.20 0.18 0.19 0.20 0.18 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.2	7.7 7.9 8.1 8.0 7.6 7.7 7.7 7.7 7.7 7.8 7.8 7.8 7.6 7.7 7.7 7.8 7.8 7.8	Chatham Avenue  Peel Street Liftstation  Airport Wastewaler Treatment Hant  Public Works Yard	Date  12/04/23 12/11/23 12/11/23 12/18/23 12/27/23 12/27/23 12/28/23 12/28/23 12/28/23 12/28/23 12/28/23 12/28/23 12/28/23 12/28/23 12/28/23 12/28/23 12/28/23 12/28/23 12/28/23 12/28/23 12/28/23 12/28/23	Free Chlorine mg/L  0.4  0.3  0.3  0.5  0.7  0.6  0.6  0.7  0.3  0.3  0.3  0.5  0.7  0.5  0.9  0.5  0.9	NTU  0.18 0.20 0.20 0.22 0.19 0.22 0.19 0.22 0.19 0.18 0.27 0.25 0.20 0.26 0.20 0.24 0.18 0.18 0.23	7.9 7.7 7.8 7.8 7.8 7.6 7.6 7.6 7.7 7.7 7.8 7.6 7.7 7.7 7.9 7.5 7.8 7.7
Chatham Avenue  Peel Street Liftstation  Airport Wastewaler Treatment Plant  Public Works Yard	10/03/23 10/10/23 10/10/23 10/16/23 10/32/23 10/30/23 10/30/23 10/10/23 10/10/23 10/23/23 10/33/23 10/33/23 10/33/23 10/30/23 10/30/23 10/30/23 10/30/23 10/10/24 10/10/	Chlorine mg/L 0.1 0.6 0.3 0.4 0.2 0.9 1.0 0.5 0.8 0.5 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	NTU  0.23  0.21  0.19  0.21  0.20  0.23  0.18  0.18  0.19  0.26  0.19  0.17  0.18  0.19  0.26  0.19  0.19  0.27  0.18  0.19  0.20  0.20  0.20  0.20  0.20  0.20  0.20  0.20  0.20  0.20  0.20  0.20  0.20  0.20  0.20	8.2 7.9 8.0 8.0 8.3 7.8 7.7 7.7 7.7 7.7 7.7 7.7 7.7	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard	Date  11/06/23 11/10/23 11/20/23	Free Chlorine mg/L 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.7 0.2 0.3 0.4 0.5 0.6 0.8 0.6 0.8 0.7 0.7 0.7 0.2 0.3 0.4 0.5 0.5 0.8 0.6 0.8 0.8 0.6 0.8 0.8 0.6 0.8 0.8 0.6 0.8 0.8 0.6 0.8 0.8 0.6 0.8 0.8 0.6 0.8 0.8 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	NTU  0.24 0.22 0.19 0.19 0.20 0.18 0.19 0.21 0.21 0.21 0.23 0.18 0.19 0.23 0.18 0.19 0.25 0.25	7.7 7.9 8.1 8.0 7.6 7.7 7.7 7.7 7.7 7.7 7.8 7.8 7.8 7.8 7.6 7.7 7.9 7.9 7.9 7.9 7.9	Chatham Avenue  Peel Street Liftstation  Airport Wastewaler Treatment Hant  Public Works Yard	Date  12/04/23 12/11/23 12/11/23 12/18/23 12/27/23 12/27/23 12/18/23 12/18/23 12/18/23 12/18/23 12/18/23 12/18/23 12/18/23 12/18/23 12/18/23 12/18/23 12/18/23 12/18/23 12/18/23 12/18/23 12/18/23 12/18/23 12/18/23 12/18/23	Free Chlorine mg/L  0.4  0.3  0.3  0.5  0.7  0.6  0.6  0.7  0.3  0.3  0.3  0.5  0.7  0.5  0.9  0.7  0.0  0.0  0.0  0.0  0.0  0.0	NTU  0.18 0.20 0.20 0.20 0.22 0.19 0.19 0.18 0.27 0.25 0.20 0.26 0.20 0.26 0.20 0.21 0.18 0.18 0.18	7.9 7.7 7.8 7.8 7.8 7.6 7.6 7.6 7.7 7.7 7.8 7.9 7.5 7.9 7.9 7.6 7.9 7.9
Chatham Avenue  Peel Street Liftstation  Airport Wastewaler Treatment Plant  Public Works Yard	10/03/23 10/10/23 10/16/23 10/16/23 10/23/23 10/30/23 10/10/23 10/10/23 10/10/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23 10/30/23	Chlorine mg/L 0.1 0.6 0.3 0.4 0.2 0.2 0.2 0.3 0.1 0.1 0.2 0.2 0.2 0.2 0.3 0.1 0.1 0.2 0.2 0.2 0.2 0.3 0.1 0.1 0.2 0.2 0.2 0.2 0.3 0.1 0.2 0.2 0.2 0.2 0.3 0.1 0.2 0.2 0.2 0.2 0.2 0.3 0.1 0.2 0.2 0.2 0.2 0.2 0.3 0.1 0.2 0.2	NTU  0.23 0.21 0.19 0.21 0.20 0.23 0.18 0.18 0.18 0.19 0.26 0.19 0.17 0.18 0.19 0.26 0.19 0.26 0.19 0.26 0.19 0.26 0.19 0.26 0.19 0.26 0.19 0.26 0.19 0.26 0.26 0.26 0.26 0.26 0.26 0.26 0.26	8.2 7.9 8.0 8.0 8.3 7.8 7.7 7.7 7.7 7.5 7.8 7.7 7.7 7.8 7.7 7.8 7.7 7.7	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard	Date  11/06/23  11/14/23  11/20/23  11/27/23  11/27/23  11/26/23  11/26/23  11/26/23  11/26/23  11/27/23  11/27/23  11/27/23  11/27/23	Free Chlorine mg/L 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.2 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.2 0.3 0.4 0.4 0.5 0.6 0.8 0.8 0.6 0.8 0.8 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	NTU  0.24 0.22 0.19 0.19 0.19 0.20 0.18 0.19 0.19 0.21 0.21 0.21 0.21 0.21 0.22 0.18 0.18 0.18 0.18 0.19 0.23 0.23 0.25 0.25	7.7 7.9 8.1 8.0 7.6 7.7 7.7 7.7 7.7 7.8 7.8 7.8 7.6 7.7 7.6 7.7 7.9 7.9	Chatham Avenue  Peel Street Liftstation  Airport Wastewaler Treatment Hant  Public Works Yard	Date 12/04/23 12/11/23 12/11/23 12/11/23 12/12/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23	Free Chlorine mg/L  0.4  0.3  0.3  0.5  0.7  0.6  0.6  0.7  0.3  0.3  0.3  0.3  0.5  0.2  0.7  0.5  0.9  0.5  0.9	NTU  0.18 0.20 0.20 0.22 0.19 0.19 0.18 0.27 0.25 0.20 0.26 0.20 0.26 0.20 0.26 0.20 0.26 0.20 0.21 0.23	7.9 7.7 7.8 7.8 7.6 7.6 7.6 7.6 7.7 7.7 7.8 7.6 7.9 7.5 7.8 7.7 7.9 7.9
Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	10/03/23 10/10/23 10/10/23 10/16/23 10/32/23 10/30/23 10/30/23 10/30/23 10/10/23 10/30/23	Chlorine mg/L 0.1 0.6 0.3 0.4 0.2 0.9 0.1 0.5 0.8 0.5 0.4 0.3 0.1 0.0 0.5 0.4 0.3 0.1 0.2 0.2 0.2 0.3 0.1 0.3 0.1 0.2 0.2 0.2 0.2 0.2 0.3 0.1 0.2 0.2 0.2 0.3 0.1 0.6 0.6	NTU  0.23 0.21 0.19 0.21 0.20 0.23 0.21 0.19 0.20 0.23 0.18 0.18 0.19 0.26 0.19 0.17 0.18 0.19 0.26 0.19 0.17 0.18 0.19 0.26 0.19 0.26 0.19 0.26 0.19 0.26 0.19 0.27 0.18 0.19 0.28 0.19 0.29 0.29 0.29 0.29 0.29 0.29 0.29 0.2	82 79 80 80 83 83 77 77 75 75 77 77 78 85 80 77 77 77 85 80 83 84 86 87 77 77 77 77 78 85 80 80 80 80 80 80 80 80 80 80 80 80 80	Chatham Avenue  Peel Street Lifstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date  11/06/23  11/14/23  11/20/23  11/27/23  11/27/23  11/30/23  11/30/23  11/30/23  11/40/23  11/40/23  11/40/23  11/40/23  11/40/23  11/40/23  11/40/23	Free Chlorine mg/L 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.7 0.2 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.7 0.2 0.3 0.4 0.5 0.6 0.8 0.8 0.6 0.8 0.8 0.6 0.8 0.8 0.6 0.8 0.8 0.6 0.8 0.8 0.8 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	NTU  0.24 0.22 0.19 0.19 0.19 0.20 0.18 0.19 0.21 0.21 0.23 0.18 0.19 0.22 0.25 0.25 0.25 0.25 0.21 0.21 0.21 0.21 0.21 0.22 0.25 0.25 0.25 0.25 0.25 0.25	7.7 7.9 8.1 8.0 7.6 7.7 7.7 7.7 7.7 7.8 7.8 7.8 7.6 7.7 7.6 7.7 7.9 7.9 7.9	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date 12/04/23 12/11/23 12/11/23 12/11/23 12/11/23 12/27/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23	Free Chlorine mg/L  0.4  0.3  0.3  0.5  0.7  0.6  0.6  0.7  0.3  0.3  0.3  0.5  0.5  0.9  0.5  0.0  0.6  0.6  0.6  0.6  0.6  0.6	NTU  0.18 0.20 0.20 0.22  0.19 0.19 0.18 0.27 0.25 0.20 0.26 0.20 0.26 0.20 0.26 0.20 0.26 0.20 0.26 0.27 0.29 0.29 0.29 0.20 0.20 0.20 0.20 0.20	7.9 7.7 7.8 7.8 7.6 7.6 7.6 7.6 7.6 7.6 7.7 7.8 7.8 7.6 7.7 7.7 8 7.6 7.9 7.5 7.9 7.6 7.7 7.7 7.8 7.7 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9
Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	10/03/23 10/10/23 10/16/23 10/16/23 10/23/23 10/30/23 10/30/23 10/10/23 10/10/23 10/30/23	Chlorine mg/L 0.1 0.6 0.3 0.4 0.2 0.9 1.0 0.5 0.5 0.4 0.3 0.4 0.3 0.5 0.5 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.3 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	NTU  0.23 0.21 0.19 0.20 0.23 0.18 0.18 0.19 0.26 0.19 0.27	8.2 7.9 8.0 8.0 8.3 7.7 7.7 7.7 7.7 7.7 7.7 7.7 8.5 8.0 7.7 7.7 7.7 8.5 8.0 7.7 7.7 7.7 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0	Chatham Avenue  Peel Street Lifstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date  11/06/23 11/10/23 11/20/23	Free Chlorine mg/L 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.7 0.7 0.9 0.8 0.8 0.6 0.8 0.4 0.5 0.6 0.8 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.7 0.9 0.8 0.6 0.8 0.8 0.6 0.8 0.8 0.2 0.2 0.2 0.4 0.4 0.4 0.3 0.6 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	NTU  0.24 0.22 0.19 0.19 0.20 0.18 0.19 0.21 0.21 0.20 0.18 0.19 0.23 0.18 0.19 0.23 0.25 0.20 0.25 0.20 0.25 0.20 0.25 0.25	77 79 81 80 87 76 77 77 77 77 77 78 78 78 78 78 79 79 79 79 77 77 77 78 78 78 78 78 78 78 78 78 78	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date  12/04/23 12/11/23 12/11/23 12/11/23 12/12/23 12/12/23 12/12/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/12/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23	Free Chlorine mg/L  0.4  0.3  0.3  0.5  0.7  0.6  0.6  0.7  0.3  0.3  0.3  0.5  0.9  0.9  0.5  0.9  0.5  0.6  0.6  0.6  0.7  0.7  0.7  0.8  0.9  0.9	NTU  0.18 0.20 0.20 0.20 0.22 0.19 0.18 0.22 0.19 0.18 0.27 0.25 0.20 0.26 0.18 0.18	7.9 7.7 7.8 7.8 7.6 7.6 7.6 7.7 7.7 7.7 7.7 7.8 7.6 7.5 7.8 7.7 7.9 7.6 7.8 7.7 7.7 7.8 7.7 7.8 7.8 7.8 7.8 7.8
Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	10/03/23 10/10/23 10/10/23 10/16/23 10/23/23 10/30/23 10/30/23 10/10/23	Chlorine mg/L 0.1 0.6 0.3 0.4 0.2 0.9 1.0 0.5 0.8 0.5 0.4 0.3 0.4 0.1 0.5 0.8 0.5 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.6 0.6 0.6 0.6 0.6 0.6	NTU  0.23 0.21 0.19 0.21 0.20 0.23 0.21 0.19 0.20 0.23 0.18 0.18 0.19 0.26 0.19 0.17 0.18 0.19 0.26 0.19 0.17 0.18 0.19 0.26 0.19 0.26 0.19 0.26 0.19 0.26 0.19 0.27 0.18 0.19 0.28 0.19 0.29 0.29 0.29 0.29 0.29 0.29 0.29 0.2	82 79 80 80 83 83 77 77 75 75 77 77 78 85 80 77 77 77 85 80 83 84 86 87 77 77 77 77 78 85 80 80 80 80 80 80 80 80 80 80 80 80 80	Chatham Avenue  Peel Street Lifstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  11/06/23 11/12/23 11/20/23	Free Chlorine mg/L 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.7 0.2 0.3 0.4 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.7 0.7 0.2 0.3 0.4 0.4 0.5 0.6 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	NTU  0.24 0.22 0.19 0.19 0.19 0.10 0.20 0.18 0.19 0.21 0.21 0.21 0.20 0.18 0.19 0.22 0.25 0.23 0.25 0.25 0.25 0.25	77 79 81 80 76 77 77 77 78 78 78 78 76 77 76 79 79 79 79	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  12/04/28 12/11/23 12/11/23 12/11/23 12/12/23 12/12/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23 12/11/23	Free Chlorine mg/L  0.4  0.3  0.3  0.3  0.5  0.7  0.6  0.6  0.7  0.7  0.5  0.9  0.5  0.6  0.6  0.7  0.7  0.7  0.7  0.7  0.7	NTU  0.18 0.20 0.20 0.22 0.19 0.22 0.19 0.25 0.20 0.26 0.20 0.25 0.20 0.26 0.20 0.26 0.38 0.18	7.9 7.7 7.8 7.8 7.6 7.6 7.6 7.6 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9
Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	10/03/23 10/10/23 10/16/23 10/16/23 10/23/23 10/33/23 10/33/23 10/16/23 10/33/23 10/16/23 10/33/23 10/16/23 10/33/23 10/30/23	Chlorine mg/L 0.1 0.6 0.3 0.4 0.2 0.9 1.0 0.5 0.4 0.3 0.4 0.3 0.4 0.5 0.5 0.4 0.3 0.1 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	NTU  0.23 0.21 0.19 0.29 0.20 0.23 0.18 0.18 0.19 0.26 0.19 0.17 0.18 0.19 0.26 0.19 0.26 0.19 0.17 0.18 0.19 0.26 0.19 0.17 0.18 0.19 0.26 0.19 0.19 0.26 0.19 0.19 0.26 0.19 0.19 0.21 0.21 0.21 0.27 0.31 0.20 0.23	82 79 80 83 83 77 77 77 77 77 85 80 77 77 85 80 77 85 80 77 77 85 80 83 77 77 85 80 83 77 85 85 85 85 85 85 85 85 85 85	Chatham Avenue  Peel Street Lifstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date  11/06/23 11/12/23 11/20/23 11/27/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/4/23 11/20/23 11/4/23 11/20/23 11/4/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23 11/20/23	Free Chlorine mg/L 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.7 0.2 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.7 0.7 0.7 0.9 0.8 0.6 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	NTU 0.24 0.29 0.19 0.19 0.19 0.20 0.18 0.19 0.21 0.22 0.25 0.25 0.25 0.25 0.26 0.26 0.26 0.26 0.26 0.26 0.27 0.26 0.27 0.27 0.27 0.27 0.27 0.27 0.27 0.27	77 79 8.1 7.6 8.0 7.7 7.7 7.7 7.8 7.8 7.8 7.8 7.8 7.7 7.7	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date  12/04/28 12/11/23	Free Chlorine mg/L  0.4  0.3  0.3  0.5  0.7  0.6  0.6  0.7  0.3  0.3  0.5  0.7  0.5  0.9  0.5  0.6  0.6  0.7  0.7  0.7  0.8  0.9  0.9	NTU  0.18 0.20 0.20 0.22 0.19 0.12 0.19 0.25 0.20 0.26 0.21 0.29 0.25 0.20 0.26 0.20 0.24 0.18 0.18 0.27 0.21 0.25 0.20 0.24 0.21 0.25	79 77 78 78 77 78 76 76 76 76 77 78 77 78 77 79 77 79 77 79 77 79 77 79 76 77 77 77 77 77 77 77 77 77 77 77 77
Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	10/03/23 10/10/23 10/10/23 10/16/23 10/23/23 10/30/23 10/30/23 10/10/23	Chlorine mg/L 0.1 0.6 0.3 0.4 0.2 0.9 0.5 0.8 0.5 0.4 0.3 0.4 0.3 0.5 0.4 0.3 0.1 0.2 0.2 0.9 0.8 0.5 0.8 0.5 0.4 0.4 0.3 0.1 0.3 0.1 0.2 0.2 0.2 0.2 0.3 0.1 0.2 0.2 0.2 0.3 0.1 0.6 0.6 0.6 0.6 0.6	NTU  0.23 0.21 0.19 0.20 0.21 0.20 0.23 0.18 0.18 0.19 0.26 0.19 0.17 0.17 0.17 0.19 0.26 0.19 0.20 0.29 0.29 0.20 0.20 0.20 0.20 0.2	82 79 80 83 78 87 77 77 77 77 77 85 77 85 77 87 77 85 80 77 77 85 77 77 85 80 77 77 77 77 77 77 77 77 85 77 77 77 85 85 77 85 85 85 85 85 85 85 85 85 85	Chatham Avenue  Peel Street Lifstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  11/06/23  11/14/23  11/20/23  11/27/23  11/27/23  11/27/23  11/27/23  11/27/23  11/27/23  11/27/23  11/27/23  11/27/23  11/27/23  11/27/23  11/27/23  11/27/23  11/27/23  11/27/23	Free Chlorine mg/L 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.2 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.2 0.3 0.4 0.5 0.6 0.6 0.8 0.8 0.6 0.6 0.8 0.8 0.7 0.7 0.9 0.8 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.24 0.25 0.21 0.26 0.25 0.26 0.25 0.26 0.25 0.26 0.25 0.26 0.26 0.26 0.26 0.26 0.26 0.26 0.26	77 79 8.1 8.0 7.6 8.0 7.7 7.7 7.8 7.8 7.8 7.8 7.6 7.7 7.7 7.6 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  12/04/23 12/11/23 12/11/23 12/11/23 12/12/23	Free Chlorine mg/L  0.4  0.3  0.3  0.5  0.7  0.6  0.6  0.7  0.3  0.3  0.3  0.5  0.5  0.9  0.5  0.6  0.6  0.7  0.7  0.7  0.8  0.9  0.9  0.9  0.9  0.9  0.9  0.9	NTU 0.18 0.20 0.20 0.22 0.19 0.18 0.27 0.25 0.20 0.26 0.28 0.29 0.26 0.29 0.26 0.20 0.26 0.20 0.21 0.25 0.20 0.21 0.25 0.20 0.21 0.25 0.20 0.21 0.25 0.20 0.21 0.25 0.20 0.21 0.25 0.20 0.21 0.25 0.20 0.21 0.25 0.20 0.21 0.25 0.20 0.21 0.25 0.20 0.20 0.21 0.25 0.20 0.20 0.21 0.21 0.25 0.25 0.26 0.19 0.19 0.19 0.33 0.21 0.21 0.29 0.33 0.21 0.21 0.29 0.33 0.21 0.21 0.29 0.33	79 77 78 78 77 76 76 76 76 77 78 77 78 76 77 77 78 77 78 77 77 78 77 79 79 79 79 79 77 76 78 79 79 79 79 70 70 70 70 70 70 70 70 70 70 70 70 70
Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	10/03/23 10/10/23 10/16/23 10/16/23 10/32/23 10/30/23	Chlorine mg/L 0.1 0.6 0.3 0.4 0.2 0.9 1.0 0.5 0.8 0.5 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.1 0.2 0.2 0.2 0.3 0.4 0.4 0.5 0.5 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.5 0.5 0.5 0.8	NTU  0.23 0.21 0.19 0.20 0.23 0.21 0.20 0.23 0.18 0.18 0.19 0.26 0.17 0.18 0.19 0.26 0.19 0.27 0.18 0.19 0.20 0.23 0.21 0.20 0.23 0.23 0.23 0.23 0.21 0.21 0.21 0.27	82 79 80 80 83 83 77 77 75 78 80 79 77 78 80 79 79 85 77 77 85 77 78 80 79 79 77 77 77 78 80 79 79 79 79 80 70 70 70 70 70 70 70 70 70 7	Chatham Avenue  Peel Street Lifstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  11/06/23 11/16/23 11/20/23	Free Chlorine mg/L 0.3 0.4 0.5 0.6 0.8 0.7 0.7 0.7 0.2 0.2 0.3 0.4 0.5 0.8 0.6 0.8 0.6 0.6 0.8 0.6 0.6 0.8 0.6 0.6 0.8 0.6 0.6 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	NTU 0.24 0.25 0.29 0.29 0.29 0.21 0.21 0.25 0.25 0.25 0.26 0.25 0.26 0.26 0.26 0.26 0.26 0.26 0.26 0.26	77 79 81 80 76 77 77 77 77 78 78 78 78 79 79 79 79 79 79 79 77 77 77 77 77 77	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  12/04/28 12/11/23 12/11/23 12/11/23 12/18/23 12/18/23 12/11/23 12/18/23 12/11/23	Free Chlorine mg/L  0.4  0.3  0.3  0.5  0.7  0.6  0.6  0.7  0.7  0.7  0.9  0.9  0.5  0.5  0.6  0.6  0.7  0.7  0.7  0.7  0.7  0.7	NTU  0.18 0.20 0.20 0.20 0.22 0.19 0.18 0.20 0.22 0.19 0.18 0.27 0.25 0.20 0.24 0.18 0.18 0.23 0.27 0.21 0.25 0.20 0.24 0.18 0.18 0.23 0.27 0.21 0.25 0.20 0.24 0.21 0.25 0.20 0.24 0.24 0.38 0.27 0.21 0.25	79 77 78 78 77 76 76 76 76 77 78 77 78 77 78 77 78 77 77 78 77 78 77 77
Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	10/03/23 10/10/23 10/16/23 10/16/23 10/23/23 10/30/23 10/30/23 10/10/23	Chlorine mg/L 0.1 0.6 0.3 0.4 0.2 0.9 1.0 0.5 0.4 0.3 0.4 0.3 0.4 0.5 0.5 0.4 0.3 0.1 0.1 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.5 0.5 0.5 0.5	NTU  0.23 0.21 0.19 0.20 0.23 0.18 0.18 0.19 0.26 0.19 0.26 0.19 0.17 0.18 0.19 0.26 0.19 0.17 0.18 0.19 0.21 0.20 0.23 0.23 0.21 0.21 0.21 0.22 0.23 0.23 0.23 0.23 0.23	82 79 80 83 87 78 87 77 75 87 77 85 80 79 85 80 79 85 80 77 77 85 80 77 77 85 80 77 77 85 80 78 79 80 80 80 80 80 80 80 80 80 80	Chatham Avenue  Peel Street Lifstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  11/06/23 11/12/23 11/20/23	Free Chlorine mg/L 0.3 0.4 0.5 0.5 0.6 0.8 0.8 0.7 0.7 0.7 0.2 0.3 0.4 0.5 0.6 0.8 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	NTU 0.24 0.25 0.29 0.29 0.29 0.20 0.29 0.20 0.29 0.20 0.20	77 79 8.1 7.6 8.0 7.7 7.7 7.8 7.8 7.8 7.6 7.7 7.6 7.7 7.9 7.9 7.9 7.9 7.9 7.7 7.7 7.7 7.7	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  12/04/28 12/11/23 12/11/23 12/11/23 12/18/23	Free Chlorine mg/L  0.4  0.3  0.3  0.3  0.5  0.7  0.6  0.6  0.7  0.7  0.5  0.9  0.5  0.6  0.6  0.7  0.7  0.5  0.9  0.5  0.6  0.6  0.7  0.7  0.5  0.6  0.6  0.7  0.7  0.7  0.8  0.9	NTU  0.18 0.20 0.20 0.22 0.19 0.22 0.19 0.25 0.20 0.26 0.20 0.25 0.20 0.26 0.20 0.26 0.20 0.26 0.20 0.21 0.23 0.21 0.25	79 77 78 78 77 78 78 77 76 76 76 77 78 78 78 78 78 78 78 78 78 78 79 79 79 79 77 76 76 77 77 76 77 77 76 77 77 77 77
Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal	10/03/23 10/10/23 10/10/23 10/16/23 10/23/23 10/30/23 10/30/23 10/10/23	Chlorine mg/L 0.1 0.6 0.3 0.4 0.2 0.9 0.9 1.0 0.5 0.8 0.3 0.4 0.3 0.5 0.4 0.3 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	NTU  0.23 0.21 0.19 0.20 0.21 0.20 0.23 0.18 0.18 0.19 0.26 0.19 0.17 0.18 0.19 0.26 0.19 0.17 0.18 0.19 0.26 0.19 0.17 0.18 0.19 0.26 0.19 0.17 0.18 0.19 0.26 0.19 0.21 0.20 0.21 0.20 0.21 0.20 0.21 0.20 0.21 0.20 0.21 0.20 0.21 0.20 0.21 0.20 0.21 0.20 0.21 0.20 0.22 0.19	82 79 80 83 78 87 77 77 77 77 85 77 85 77 85 77 77 85 77 85 77 77 85 77 77 85 77 77 77 85 77 77 77 85 77 77 77 85 77 77 77 85 77 77 77 85 77 77 77 85 77 77 85 77 77 85 77 77 85 77 77 85 77 77 77 85 77 77 85 77 77 85 77 77 85 77 77 85 77 77 85 77 77 85 77 77 85 77 77 85 77 77 85 77 77 85 77 77 85 77 77 85 77 77 85 77 77 85 77 77 85 77 77 85 77 77 85 77 77 77 85 77 77 85 77 77 77 85 77 77 77 77 77 85 77 77 77 77 77 77 77 77 77 7	Chatham Avenue  Peel Street Lifsstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal  Highway 19 PRV	Date  11/06/23 11/12/23 11/29/23	Free Chlorine mg/L 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.7 0.2 0.3 0.4 0.5 0.6 0.8 0.8 0.7 0.7 0.7 0.7 0.9 0.8 0.6 0.6 0.8 0.8 0.7 0.7 0.7 0.9 0.8 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	NTU 0.24 0.25 0.29 0.29 0.21 0.20 0.25 0.25 0.22 0.20 0.25 0.25 0.22 0.20 0.25 0.25	77 79 81 80 76 77 77 78 78 78 78 78 78 78 78 79 79 79 79 79 79 79 77 77 77 77 77 77	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Hant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal	Date  12/04/23 12/11/23 12/11/23 12/11/23 12/12/23	Free Chlorine mg/L  0.4  0.3  0.3  0.3  0.5  0.7  0.6  0.6  0.7  0.7  0.5  0.9  0.5  0.6  0.6  0.7  0.7  0.5  0.6  0.6  0.7  0.7  0.5  0.6  0.6  0.7  0.7  0.7  0.9	NTU  0.18 0.20 0.20 0.22 0.19 0.22 0.19 0.22 0.19 0.28 0.20 0.26 0.20 0.26 0.20 0.26 0.20 0.21 0.21 0.29 0.21 0.29 0.21 0.29 0.21 0.21 0.21 0.21 0.21 0.21 0.21 0.22	79 77 78 78 77 78 78 77 76 76 76 77 77 78 78 77 77 78 77 79 79 79 79 76 77 77 77 74 76 76 77 77 77 77 77 77 77 77 77 77 77
Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal	10/03/23 10/10/23 10/16/23 10/16/23 10/23/23 10/30/23 10/30/23 10/10/23 10/10/23 10/30/23	Chlorine mg/L 0.1 0.6 0.3 0.4 0.2 0.9 1.0 0.5 0.8 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.3 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.3 0.4 0.4 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.5 0.5 0.8 0.8	NTU  0.23 0.21 0.19 0.20 0.21 0.20 0.23 0.18 0.18 0.19 0.26 0.19 0.17 0.18 0.19 0.26 0.19 0.17 0.18 0.19 0.26 0.19 0.17 0.18 0.19 0.26 0.19 0.17 0.18 0.19 0.26 0.19 0.26 0.19 0.27 0.31 0.20 0.23 0.28 0.38 0.38 0.31 0.20 0.31 0.20 0.21 0.20 0.23 0.22 0.21 0.20 0.22 0.21 0.20 0.22	82 79 80 80 83 83 73 77 77 75 78 85 77 77 78 85 77 77 77 77 77 77 77 77 77 7	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Rear Cove Reservoir	Date  11/06/23 11/12/23 11/20/23 11/27/23 11/20/23	Free Chlorine mg/L 0.3 0.4 0.5 0.6 0.8 0.7 0.7 0.7 0.7 0.9 0.8 0.6 0.6 0.8 0.6 0.6 0.8 0.6 0.6 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	NTU 0.24 0.25 0.27 0.29 0.29 0.21 0.21 0.25 0.25 0.26 0.26 0.25 0.26 0.26 0.26 0.26 0.26 0.26 0.26 0.26	77 79 81 80 76 77 77 77 77 78 78 78 78 79 79 79 79 79 79 79 77 77 77 78 78 78 79 79 79 79 79 79 79 79 79 79 79 79 79	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Hant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal	Date  12/04/28 12/11/28	Free Chlorine mg/L  0.4  0.3  0.3  0.5  0.7  0.6  0.6  0.7  0.3  0.3  0.3  0.5  0.7  0.6  0.6  0.7  0.7  0.7  0.7  0.7	NTU  0.18 0.20 0.20 0.20 0.22 0.19 0.19 0.18 0.27 0.25 0.20 0.26 0.20 0.26 0.20 0.26 0.20 0.26 0.20 0.21 0.18 0.18	79 77 78 78 77 76 76 76 76 77 78 77 78 77 78 77 78 77 77 78 77 77

		Janu	ary							Febru	ary			
Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	рН	Total Coliform CFU/100ml	E.Coli CFU/100ml		Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	pН	Total Coliform CFU/100ml	E.Coli CFU/100ml
01/19/23	Hospital	0.6	0.33	7.7	L1	L1		02/13/23	Hospital	0.9	0.24	8.0	L1	L1
01/23/23	Fort Rupert Reservior	0.7	0.22	7.7	L1	L1		02/13/23	Fort Rupert Reservior	0.8	0.47	7.8	L1	L1
01/23/23	Chatham Ave.	0.5	0.21	8.0	L1	L1		02/06/23	Chatham Ave.	0.5	0.15	8.1	L1	L1
01/23/23	Bear Cove Reservoir	0.4	0.22	7.7	L1	L1		02/13/23	Bear Cove Reservoir	0.6	0.82	7.8	L1	L1
01/19/23	Highway 19 PRV	0.9	0.22	7.6	L1	L1		02/13/23	Highway 19 PRV	1.0	0.23	7.8	L1	L1
01/19/23	Pioneer Inn	0.9	0.22	7.6	L1	L1		02/06/23	Pioneer Inn	0.9	0.21	7.9	L1	L1
01/23/23	Public Works Yard Glen Lyon Restaurant	0.6	0.19	8.0	L1	L1		02/06/23	Public Works Yard	0.4	0.17	8.2	L1	L1
01/23/23 01/19/23	,	0.9	0.21	7.7	L1 L1	L1 L1		02/13/23 02/13/23	Glen Lyon Restaurant	0.2	0.20	7.8 7.7	L1 L1	L1 L1
01/19/23	Airport Inn Peel St Liftstation	0.5	0.39	7.6	L1	L1		02/13/23	Airport Inn Peel St Liftstation	0.2	0.24	7.7	L1	L1
01/13/23	B.C. Ferry	0.3	0.23	7.7	L1	L1	-	02/06/23	B.C. Ferry	0.5	0.16	7.8	L1	L1
01/25/25	b.c.reny	0.1	0.21				<u> </u>	02/00/20	b.c.reny	0.5	0.10	7.0		
Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	pН	Total Coliform CFU/100ml	E.Coli CFU/100ml		Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	pН	Total Coliform CFU/100ml	E.Coli CFU/100ml
01/19/23	Tsulquate River (Untreated)		1.48	6.9				02/13/23	Tsulquate River (Untreated)		0.64	6.6		
		Mar	ch							Ap	ril			
Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	рН	Total Coliform CFU/100ml	E.Coli CFU/100ml		Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	pН	Total Coliform CFU/100ml	E.Coli CFU/100ml
03/20/23	Hospital	0.8	0.23	8.0	L1	L1		04/11/23	Hospital	0.6	0.34	7.6	L1	L1
03/06/23	Fort Rupert Reservior	0.9	0.24	7.4	L1	L1		04/03/23	Fort Rupert Reservior	0.8	0.22	7.7	L1	L1
03/13/23	Chatham Ave.	0.5	0.19	8.0	L1	L1		04/11/23	Chatham Ave.	0.5	0.17	7.9	L1	L1
03/06/23	Bear Cove Reservoir	0.7	0.18	7.5	L1	L1		04/03/23	Bear Cove Reservoir	0.7	0.18	7.6	L1	L1
03/06/23	Highway 19 PRV	1.0	0.23	7.4	L1	L1		04/03/23	Highway 19 PRV	1.0	0.35	8.0	L1	L1
03/20/23	Pioneer Inn	1.0	0.24	7.8	L1	L1		04/17/23	Pioneer Inn	0.8	0.18	7.5	L1	L1
03/06/23	Public Works Yard Glen Lyon Restaurant	0.9	0.17	7.4	L1 L1	L1 L1		04/03/23	Public Works Yard	0.4	0.23	8.2 7.5	L1 L1	L1 L1
03/20/23	Airport Inn	0.9	0.23	7.6	L1	L1		04/11/23 04/17/23	Glen Lyon Restaurant Airport Inn	0.3	0.21	7.7	L1	L1
03/20/23	Peel St Liftstation	0.8	0.22	7.8	L1	L1		04/17/23	Peel St Liftstation	0.7	0.19	7.5	L1	L1
03/13/23	B.C. Ferry	0.6	0.26	7.7	L1	L1		04/11/23	B.C. Ferry	0.6	0.18	7.5	L1	L1
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Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	рН	Total Coliform CFU/100ml	E.Coli CFU/100ml		Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	pН	Total Coliform CFU/100ml	E.Coli CFU/100ml
03/13/23	Tsulquate River (Untreated)		0.59	6.4				04/17/23	Tsulquate River (Untreated)		0.45	6.8		
		Ma	ıy							Jur	ne			
Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	рН	Total Coliform CFU/100ml	E.Coli CFU/100ml		Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	pН	Total Coliform CFU/100ml	E.Coli CFU/100ml
05/01/23	Hospital	0.5	0.20	7.8	L1	L1		06/05/23	Hospital	0.5	0.21	7.6	L1	L1
05/08/23	Fort Rupert Reservior	1.0	0.20	7.7	L1	L1		06/12/23	Fort Rupert Reservior	0.7	0.19	7.4	L1	L1
05/01/23	Chatham Ave.	0.5	0.21	7.8	L1	L1		06/05/23	Chatham Ave.	0.5	0.17	7.5	L1	L1
05/15/23 05/15/23	Bear Cove Reservoir Highway 19 PRV	0.5	0.18	7.8 8.0	L1 L1	L1 L1		06/19/23	Bear Cove Reservoir	0.5	0.20	7.1 7.3	L1 L1	L1 L1
05/15/23	Pioneer Inn	0.6	0.21	7.7	I.1	I.1	-	06/19/23 06/05/23	Highway 19 PRV Pioneer Inn	0.7	0.27	7.3	I.1	I.1
05/01/23	Public Works Yard	0.9	0.19	8.0	L1	L1		06/12/23	Public Works Yard	0.4	0.18	7.6	L1	L1
05/08/23	Glen Lyon Restaurant	1.2	0.19	7.8	L1	L1		06/12/23	Glen Lyon Restaurant	1.0	0.24	7.4	L1	L1
05/01/23	Airport Inn	0.5	0.25	7.7	L1	L1		06/05/23	Airport Inn	0.4	0.18	7.7	L1	L1
05/15/23	Peel St Liftstation	0.6	0.15	7.9	L1	L1		06/19/23	Peel St Liftstation	0.7	0.15	7.1	L1	L1
05/08/23	B.C. Ferry	0.8	0.22	7.7	L1	L1		06/12/23	B.C. Ferry	0.7	0.22	7.1	L1	L1
Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	рН	Total Coliform CFU/100ml	E.Coli CFU/100ml		Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	pН	Total Coliform CFU/100ml	E.Coli CFU/100ml
05/15/23	Tsulquate River (Untreated)		0.59	7.1				06/19/23	Tsulquate River (Untreated)		0.29	6.2		

		Jul	.y						Aug	ust			
Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	рН	Total Coliform CFU/100ml	E.Coli CFU/100ml	Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	рН	Total Coliform CFU/100ml	E.Coli CFU/100ml
07/04/23	Hospital	0.5	0.20	7.8	L1	L1	08/08/23	Hospital	0.4	0.20	7.5	L1	L1
07/10/23	Fort Rupert Reservior	0.4	0.19	7.8	L1	L1		Fort Rupert Reservior	0.3	0.20	7.7	L1	L1
07/04/23	Chatham Ave.	0.2	0.41	8.0	L1	L1	08/08/23	Chatham Ave.	0.3	0.19	7.6	L1	L1
07/17/23	Bear Cove Reservoir	0.4	0.19	7.9	L1	L1		Bear Cove Reservoir	0.2	0.18	7.8	L1	L1
07/17/23	Highway 19 PRV	0.9	0.20	7.9 7.6	L1 L1	L1 L1	08/21/23	Highway 19 PRV	0.9	0.22	7.7 7.3	L1 L1	L1 L1
07/04/23 07/10/23	Pioneer Inn Public Works Yard	0.7	0.18	8.2	L1	L1	08/08/23 08/14/23	Pioneer Inn Public Works Yard	0.7	0.19	7.8	L1	L1
07/10/23	Glen Lyon Restaurant	0.9	0.23	7.6	L1	L1		Glen Lyon Restaurant	0.4	0.19	7.7	L1	L1
07/04/23	Airport Inn	0.4	0.21	7.9	L1	L1	08/08/23	Airport Inn	0.4	0.22	7.5	L1	L1
07/17/23	Peel St Liftstation	0.7	0.26	7.8	L1	L1	08/21/23	Peel St Liftstation	0.9	0.18	7.9	L1	L1
07/10/23	B.C. Ferry	0.4	0.17	7.7	L1	L1	08/14/23	B.C. Ferry	0.3	0.21	7.6	L1	L1
Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	рН	Total Coliform CFU/100ml	E.Coli CFU/100ml	Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	pН	Total Coliform CFU/100ml	E.Coli CFU/100ml
07/17/23	Tsulquate River (Untreated)		0.28	7.3			08/21/23	Tsulquate River (Untreated)		0.22	7.2		
		Septer	mber						Octo	ber			
Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	рН	Total Coliform CFU/100ml	E.Coli CFU/100ml		Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	pН	Total Coliform CFU/100ml	E.Coli CFU/100ml
09/05/23	Hospital	0.5	0.21	7.8	L1	L1	10/03/23	Hospital	0.6	0.18	7.7	L1	L1
09/11/23	Fort Rupert Reservoir	0.6	0.21	7.8	L1	L1		Fort Rupert Reservoir	0.6	0.17	7.7	L1	L1
09/05/23 09/05/23	Chatham Ave. Bear Cove Reservoir	0.6	0.21	8.0 7.8	L1 L1	L1 L1	10/03/23	Chatham Ave. Bear Cove Reservoir	0.1	0.23	8.2 7.5	L1 L1	L1 L1
09/05/23	Highway 19 PRV	0.5	0.22	7.6	L1	L1	10/16/23 10/16/23	Highway 19 PRV	0.6	0.19	7.5	L1	L1
09/05/23	Pioneer Inn	0.8	0.24	7.7	L1	L1	10/10/23	Pioneer Inn	0.8	0.20	7.7	L1	L1
09/18/23	Public Works Yard	0.2	0.17	8.5	L1	L1		Public Works Yard	0.3	0.14	8.0	L1	L1
09/11/23	Glen Lyon Restaurant	0.7	0.19	7.8	L1	L1		Glen Lyon Restaurant	0.8	0.22	7.6	L1	L1
09/11/23	Airport Inn	0.3	0.19	7.8	L1	L1	10/03/23	Airport Inn	0.4	0.23	7.8	L1	L1
09/18/23	Peel St Liftstation	0.5	0.21	7.7	L1	L1	10/16/23	Peel St Liftstation	0.5	0.18	7.7	L1	L1
09/11/23	B.C. Ferry	0.5	0.24	7.9	L1	L1	10/10/23	B.C. Ferry	0.4	0.20	7.6	L1	L1
Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	рН	Total Coliform CFU/100ml	E.Coli CFU/100ml	Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	pН	Total Coliform CFU/100ml	E.Coli CFU/100ml
09/18/23	Tsulquate River (Untreated)		0.27	7.1			10/16/23	Tsulquate River (Untreated)		0.95	6.7		
		Nove	mber						Decer	nber			
Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	рН	Total Coliform CFU/100ml	E.Coli CFU/100ml	Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	pН	Total Coliform CFU/100ml	E.Coli CFU/100ml
06/11/23	Hospital	0.5	0.31	7.8	<1	<1	18/12/23	Hospital	0.7	0.21	7.6	<1	<1
14/11/23	Fort Rupert Reservoir	0.8	0.19	7.7	<1	<1		Fort Rupert Reservoir	0.8	0.30	7.6	<1	<1
06/11/23	Chatham Ave.	0.3	0.24	7.7	<1	<1	11/12/23	Chatham Ave.	0.3	0.20	7.7	<1	<1
20/11/23 14/11/23	Bear Cove Reservoir Highway 19 PRV	0.6	0.26	7.7	<1	<1	18/12/23 04/12/23	Bear Cove Reservoir Highway 19 PRV	0.7	0.19	7.6 7.8	<1 <1	<1
06/11/23	Pioneer Inn	1.0	0.22	7.6	<1	<1	04/12/23	Pioneer Inn	0.9	0.37	7.8	<1	<1
14/11/23	Public Works Yard	0.8	0.18	7.7	<1	<1		Public Works Yard	0.7	0.24	7.5	<1	<1
20/11/23	Glen Lyon Restaurant	0.9	0.19	7.6	<1	<1	<del>                                     </del>	Glen Lyon Restaurant	0.9	0.20	7.5	<1	<1
06/11/23	Airport Inn	0.5	0.27	7.8	<1	<1	04/12/23	Airport Inn	0.5	0.21	7.8	<1	<1
14/11/23	Peel St Liftstation	0.8	0.18	7.7	<1	<1	11/12/23	Peel St Liftstation	0.6	0.22	7.6	<1	<1
20/11/23	B.C. Ferry	0.4	0.19	7.7	<1	<1	11/12/23	B.C. Ferry	0.5	0.20	7.4	<1	<1
Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	рН	Total Coliform CFU/100ml	E.Coli CFU/100ml	Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	pН	Total Coliform CFU/100ml	E.Coli CFU/100ml
20/11/23	Tsulquate River (Untreated)		0.55	6.8			18/12/23	Tsulquate River (Untreated)		0.56	6.8		

# QUARTERLY THM/HAA RESULTS



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**Analytical Report** 

Bill To: District of Port Hardy

Water & Wastewater Division

8900 Park Drive Port Hardy, BC, Canada V0N 2P0

Attn: Joe Jewell Sampled By:

Company: District of Port Hardy

Project ID:

Project Name:

THM/HAA Sampling for Quarter #1 2023

Project Location:

LSD: P.O.:

Proj. Acct. code:

Lot ID: 1625831

Control Number:

Date Received: Jan 13, 2023 Date Reported: Jan 21, 2023 Report Number: 2834613

Reference Number

Sample Date Sample Time Sample Location

1625831-1 January 09, 2023

NA

Sample Description WTP Reservoir / 8.7°C

Sample Matrix Water

		oumpic maanx	** dici			
				Nominal Detection	Guideline	Guideline
Analyte		Units	Result	Limit	Limit	Comments
Trihalomethanes Screen	- Water					
Chloroform		mg/L	0.026	0.001		
Bromodichloromethane		mg/L	0.001	0.001		
Dibromochloromethane		mg/L	< 0.001	0.001		
Bromoform		mg/L	< 0.001	0.001		
Total Trihalomethanes		mg/L	0.027	0.001	0.1	Below MAC
Trihalomethanes - Surro	gate Recovery					
Dibromofluoromethane	EPA Surrogate	%	104	50-140		
Toluene-d8	EPA Surrogate	%	97	50-140		
Bromofluorobenzene	EPA Surrogate	%	99	50-140		
Haloacetic Acids - Water	r					
Monochloroacetic Acid		μg/L	<2.0	2.0		
Monobromoacetic Acid		μg/L	<2.0	2.0		
Dichloroacetic Acid		μg/L	11.1	2.0		
Trichloroacetic Acid		μg/L	11.5	2.0		
Bromochloroacetic Acid		μg/L	<2.0	2.0		
Dibromoacetic Acid		μg/L	<2.0	2.0		
Total Haloacetic Acids (HAA6)		μg/L	22.6	12.0	80	Below MAC
2,3-Dibromopropionic aci	d	%	86	50-150		



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**Analytical Report** 

Bill To: District of Port Hardy

Water & Wastewater Division

8900 Park Drive Port Hardy, BC, Canada

VON 2PO Attn: Joe Jewell

Sampled By:

Company: District of Port Hardy

Project ID:

Project Name: THM/HAA Sampling for Quarter #1 2023

Project Location:

LSD: P.O.:

Proj. Acct. code:

Lot ID: 1625831

Control Number:

Date Received: Jan 13, 2023 Date Reported: Jan 21, 2023 Report Number: 2834613

Reference Number Sample Date Sample Time

1625831-2 January 09, 2023

NA

Sample Location Sample Description Chatham Ave. / 8.7°C

Sample Matrix

Analyte		Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Trihalomethanes Screen -	Water					
Chloroform		mg/L	0.043	0.001		
Bromodichloromethane		mg/L	0.002	0.001		
Dibromochloromethane		mg/L	< 0.001	0.001		
Bromoform		mg/L	< 0.001	0.001		
Total Trihalomethanes		mg/L	0.045	0.001	0.1	Below MAC
Trihalomethanes - Surrog	ate Recovery					
Dibromofluoromethane	EPA Surrogate	%	102	50-140		
Toluene-d8	EPA Surrogate	%	99	50-140		
Bromofluorobenzene	EPA Surrogate	%	100	50-140		
Haloacetic Acids - Water						
Monochloroacetic Acid		μg/L	2.1	2.0		
Monobromoacetic Acid		μg/L	<2.0	2.0		
Dichloroacetic Acid		μg/L	16.3	2.0		
Trichloroacetic Acid		μg/L	24.7	2.0		
Bromochloroacetic Acid		μg/L	<2.0	2.0		
Dibromoacetic Acid		μg/L	<2.0	2.0		
Total Haloacetic Acids (HAA6)		µg/L	43.2	12.0	80	Below MAC
2,3-Dibromopropionic acid		%	78	50-150		

Mike Yohemas, BSc General Manager

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Analytical Report

Bill To: District of Port Hardy

Water & Wastewater Division 8900 Park Drive

Project Name: Project Location: LSD:

Proj. Acct. code:

Project ID:

P.O.:

April 2023-Q2 THM/HAA

7208

Lot ID: 1643929 Control Number:

Date Received: Apr 13, 2023 Date Reported: Apr 21, 2023 Report Number: 2861611

Port Hardy, BC, Canada V0N 2P0

element

Attn: Joe Jewell

Sampled By: O. Jewell Company: District of Port Hardy

> 1643929-1 Reference Number Sample Date April 12, 2023

Sample Time

Sample Location Sample Description

WTP Reservoir / 7.8 °C

11:05

		Sample Matrix	Water			
Analyte		Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Trihalomethanes Screen	- Water					
Chloroform		mg/L	0.026	0.001		
Bromodichloromethane		mg/L	0.001	0.001		
Dibromochloromethane		mg/L	<0.001	0.001		
Bromoform		mg/L	< 0.001	0.001		
Total Trihalomethanes		mg/L	0.027	0.001	0.1	Below MAC
Trihalomethanes - Surro	gate Recovery					
Dibromofluoromethane	EPA Surrogate	%	112	50-140		
Toluene-d8	EPA Surrogate	%	98	50-140		
Bromofluorobenzene	EPA Surrogate	%	101	50-140		
Haloacetic Acids - Water						
Monochloroacetic Acid		μg/L	<2.0	2.0		
Monobromoacetic Acid		μg/L	<2.0	2.0		
Dichloroacetic Acid		μg/L	8.7	2.0		
Trichloroacetic Acid		μg/L	9.6	2.0		
Bromochloroacetic Acid		μg/L	<2.0	2.0		
Dibromoacetic Acid		μg/L	<2.0	2.0		
Total Haloacetic Acids (HAA6)		μg/L	18.3	12.0	80	Below MAC
2,3-Dibromopropionic acid	d	%	85	50-150		





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Analytical Report

Bill To: District of Port Hardy Water & Wastewater Division

8900 Park Drive Port Hardy, BC, Canada V0N 2P0

Attn: Joe Jewell

Sampled By: O. Jewell Company: District of Port Hardy

Project ID: April 2023-Q2 Project Name: THM/HAA

Project Location:

P.O.: 7208 Proj. Acct. code:

Lot ID: 1643929

Control Number:

Date Received: Apr 13, 2023 Date Reported: Apr 21, 2023 Report Number: 2861611

Reference Number April 12, 2023 Sample Date Sample Time 11:30 Sample Location

Sample Description Chatham Ave. / 7.8 °C

		Sample Matrix	vvater			
Analyte		Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Trihalomethanes Screen	- Water					
Chloroform		mg/L	0.055	0.001		
Bromodichloromethane		mg/L	0.002	0.001		
Dibromochloromethane		mg/L	< 0.001	0.001		
Bromoform		mg/L	< 0.001	0.001		
Total Trihalomethanes		mg/L	0.057	0.001	0.1	Below MAC
Trihalomethanes - Surrog	gate Recovery					
Dibromofluoromethane	EPA Surrogate	%	111	50-140		
Toluene-d8	EPA Surrogate	%	100	50-140		
Bromofluorobenzene	EPA Surrogate	%	100	50-140		
Haloacetic Acids - Water						
Monochloroacetic Acid		μg/L	<2.0	2.0		
Monobromoacetic Acid		μg/L	<2.0	2.0		
Dichloroacetic Acid		μg/L	17.8	2.0		
Trichloroacetic Acid		μg/L	23.9	2.0		
Bromochloroacetic Acid		μg/L	<2.0	2.0		
Dibromoacetic Acid		μg/L	<2.0	2.0		
Total Haloacetic Acids (HAA6)		μg/L	41.7	12.0	80	Below MAC
2,3-Dibromopropionic acid	i	%	81	50-150		

Approved by:

Operations Manager

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Analytical Report

BIII To: District of Port Hardy Water & Wastewater Division

8900 Park Drive Port Hardy, BC, Canada V0N 2P0

Attn: Joe Jewell

Sampled By: Robert Cousins

Project ID:

Project Name: Project Location:

LSD: P.O.:

Proj. Acct. code:

Lot ID: 1664559

Control Number:

Date Received: Jul 12, 2023 Date Reported: Jul 19, 2023 Report Number: 2892890

Company: District of Port Hardy

Reference Number Sample Date Sample Time

NA Sample Location

Sample Description Reservoir / 12.1 °C

1664559-1

July 11, 2023

		Sample Matrix	Water			
				Nominal Detection	Guldeline	Guldeline
Analyte		Units	Result	Limit	Limit	Comments
VOC Screen - Water						
Bromodichloromethane		µg/L	2.3	0.5		
Bromoform		µg/L	<0.5	0.5		
Chloroform		μg/L	27.7	0.5		
Dibromochioromethane		μg/L	<0.5	0.5		
Total Trihalomethanes		µg/L	30.0			
VOC - Water - Surrogate	Recovery					
Bromofluorobenzene	EPA Surrogate	%	104	50-140		
Dibromofluoromethane	EPA Surrogate	%	109	50-140		
Toluene-d8	EPA Surrogate	%	110	50-140		
Haloacetic Acids - Water						
Monochioroacetic Acid		µg/L	<2.0	2.0		
Monobromoacetic Acid		μg/L	<2.0	2.0		
Dichloroacetic Acid		µg/L	9.3	2.0		
Trichioroacetic Acid		µg/L	11.0	2.0		
Bromochloroacetic Acid		µg/L	<2.0	2.0		
Dibromoacetic Acid		μg/L	<2.0	2.0		
Total Haloacetic Acids (HAA6)		μg/L	20.3	12.0	80	Below MAC
2,3-Dibromopropionic acid	1	%	85	50-150		





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**Analytical Report** 

BIII To: District of Port Hardy Water & Wastewater Division

8900 Park Drive Port Hardy, BC, Canada V0N 2P0

Attn: Joe Jewell Sampled By: Robert Cousins Project ID:

Project Name: Project Location: LSD:

P.O.: Proj. Acct. code: Lot ID: 1664559

Control Number:

Date Received: Jul 12, 2023 Date Reported: Jul 19, 2023 Report Number: 2892890

Company: District of Port Hardy

Reference Number Sample Date Sample Time

Sample Location Sample Description

Chatham / 12.1 °C

1664559-2

July 11, 2023

Water

NA

		sample Matrix	water			
				Nominal Detection	Guldeline	Guldeline
Analyte		Units	Result	Limit	Limit	Comments
VOC Screen - Water						
Bromodichloromethane		μg/L	4.1	0.5		
Bromoform		μg/L	<0.5	0.5		
Chloroform		µg/L	67.7	0.5		
Dibromochioromethane		µg/L	<0.5	0.5		
Total Trihalomethanes		µg/L	71.8			
VOC - Water - Surrogate R	tecovery					
Bromofluorobenzene	EPA Surrogate	%	99	50-140		
Dibromofluoromethane	EPA Surrogate	%	111	50-140		
Toluene-d8	EPA Surrogate	%	110	50-140		
Haloacetic Acids - Water						
Monochioroacetic Acid		μg/L	2.3	2.0		
Monobromoacetic Acid		µg/L	<2.0	2.0		
Dichloroacetic Acid		µg/L	22.4	2.0		
Trichioroacetic Acid		µg/L	26.0	2.0		
Bromochloroacetic Acid		µg/L	<2.0	2.0		
Dibromoacetic Acid		µg/L	<2.0	2.0		
Total Haloacetic Acids (HAA6)		μg/L	50.7	12.0	80	Below MAC
2,3-Dibromopropionic acid		%	89	50-150		

General Manager Date have been validated by Analytical Quality Control and Element's integrated Data Validation System (IDVS).

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Analytical Report

BIII To: District of Port Hardy

element

Water & Wastewater Division Project Name: 8900 Park Drive Port Hardy, BC, Canada

V0N 2P0 Attn: Joe Jewell Sampled By: Justin Reusch Project ID: October 2023 THM/HAA

Project Location: LSD: 7706 P.O.: Proj. Acct. code:

Lot ID: 1687039

Control Number:

Date Received: Oct 18, 2023 Date Reported: Oct 25, 2023 Report Number: 2927917

Company: District of Port Hardy

Reference Number Sample Date Sample Time

October 17, 2023 12:00

1687039-1

Sample Location

Sample Description Reservoir / 9.8 °C

		Sample Matrix	Water			
				Nominal Detection	Guldeline	Guldeline
Analyte		Units	Result	Limit	Limit	Comments
VOC Screen - Water						
Bromodichioromethane		µg/L	2.0	0.5		
Bromoform		μg/L	<0.5	0.5		
Chloroform		μg/L	34.0	0.5		
Dibromochioromethane		µg/L	<0.5	0.5		
Total Trihalomethanes		µg/L	35.9			
VOC - Water - Surrogate	Recovery					
Bromofluorobenzene	EPA Surrogate	%	105	50-140		
Dibromofluoromethane	EPA Surrogate	%	88	50-140		
Toluene-d8	EPA Surrogate	%	111	50-140		
Haloacetic Acids - Water	г					
Monochioroacetic Acid		μg/L	2.4	2.0		
Monobromoacetic Acid		µg/L	<2.0	2.0		
Dichioroacetic Acid		µg/L	15.0	2.0		
Trichioroacetic Acid		μg/L	18.6	2.0		
Bromochioroacetic Acid		μg/L	<2.0	2.0		
Dibromoacetic Acid		μg/L	<2.0	2.0		
Total Haloacetic Acids (HAA6)		μg/L	36.0	12.0	80	Below MAC
2,3-Dibromopropionic ac	d	%	89	50-150		





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Analytical Report

Bill To: District of Port Hardy Water & Wastewater Division

8900 Park Drive Port Hardy, BC, Canada V0N 2P0

Attn: Joe Jewell Sampled By: Justin Reusch Company: District of Port Hardy

Project ID: October 2023 Project Name: THM/HAA

Project Location: LSD: P.O.: 7706 Proj. Acct. code:

Lot ID: 1687039

Control Number:

Date Received: Oct 18, 2023 Date Reported: Oct 25, 2023 Report Number: 2927917

Reference Number 1687039-2 Sample Date October 17, 2023 Sample Time 12:00

Sample Location

Sample Description Chatham / 9.8 °C

		Sample Matrix	Water			
				Nominal Detection	Guldeline	Guideline
Analyte		Units	Result	Limit	Limit	Comments
VOC Screen - Water						
Bromodichloromethane		µg/L	3.4	0.5		
Bromoform		µg/L	<0.5	0.5		
Chloroform		µg/L	82.7	0.5		
Dibromochioromethane		μg/L	<0.5	0.5		
Total Trihalomethanes		µg/L	86.1			
VOC - Water - Surrogate	Recovery					
Bromofluorobenzene	EPA Surrogate	%	106	50-140		
Dibromofluoromethane	EPA Surrogate	%	98	50-140		
Toluene-d8	EPA Surrogate	%	107	50-140		
Haloacetic Acids - Water						
Monochioroacetic Acid		µg/L	3.5	2.0		
Monobromoacetic Acid		μg/L	<2.0	2.0		
Dichioroacetic Acid		µg/L	24.1	2.0		
Trichioroacetic Acid		µg/L	39.2	2.0		
Bromochloroacetic Acid		μg/L	<2.0	2.0		
Dibromoacetic Acid		µg/L	<2.0	2.0		
Total Haloacetic Acids (HAA6)		μg/L	66.7	12.0	80	Below MAC
2,3-Dibromopropionic acid	1	%	88	50-150		

Approved by:

Max Hewitt

Operations Manager

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