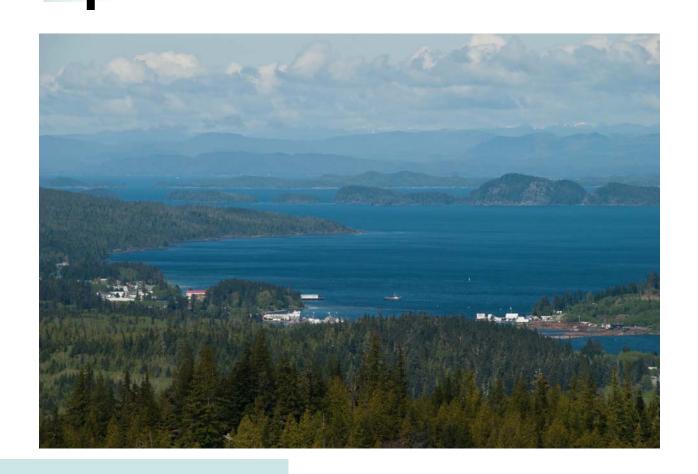
# District of Port Hardy 2015 Annual Report



# **LIVE**

THE

**ADVENTURE** 

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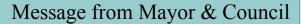
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## **Mayor Hank Bood**







On behalf of Council I am pleased to present the 2015 District of Port Hardy Annual Report. This document tells of our vision, values, goals, objectives and equally important, our Annual Report gives an accurate picture of Port Hardy's financial position.

Progress and positive change are being made in a number of areas including:

- Connectivity (high speed internet);
- Seniors -exploration of further additions to our senior's living centre and care capacity;
- Investments the private sector is investing in our tourism industry;
- Marine industry continues to outperform, creating many new well paid local jobs;
- Forestry we are working closely with our forestry sector concerning the importance local employment has to our viability.

We have come to the stage that the cost of repair and maintenance of our recreation facility has become more than the cost of building a new facility. This is an exciting project and we will be looking to you, the public to join us in deciding what we would like to accomplish in this regard.

2015 brought many changes to the District staff and I am really encouraged by the capacity we now have to make Port Hardy a better place for all of us. We can do this in a way that recognizes that our priority is to deal with your needs in a thoughtful, courteous and respectful manner. We do work for you.

Council is committed to working together with the citizens of Port Hardy to move the District forward and realize the many opportunities for growth and development that lie ahead.

### **Appointments**

Executive Committee, Finance Committee, Regional District of Mt. Waddington Board, Regional Hospital Board, BC Ferries Northern Advisory Committee, Island Coast Economic Trust, Municipal Insurance Association

hbood@porthardy.ca





# **Mayor & Council**





Standing: Councillor Dennis Dugas, Councillor Rick Marcotte, Councillor Fred Robertson, Councillor John Tidbury. Sitting: Councillor Pat Corbett-Labatt, Mayor Hank Bood, Councillor Jesse Hemphill.

The Mayor and Council for the District of Port Hardy were elected for a four-year term in November of 2014. Each member of Council represents the District at large and is appointed to both Port Hardy and Regional committees. Council is committed to ensuring that policies and decisions implemented are in the best interests of Port Hardy citizens.





# Council



Councillor Pat Corbett-Labatt

## **Appointments**

Executive Committee, Finance Committee, First Nations Relations Committee, Poverty Pilot Program, Regional District Mt. Waddington Board (alternate) Regional Hospital Board (alternate), Mt. Waddington Health Network, Primary Health Care Local Working Group, Hardy Bay Senior Citizens Society

pcorbett-labatt@porthardy.ca



Councillor Dennis Dugas

### **Appointments**

Executive Committee, Finance Committee, Operational Services Committee, Regional District of Mt. Waddington Board, Regional Hospital Board <a href="mailto:ddugas@porthardy.ca">ddugas@porthardy.ca</a>



Councillor Jessie Hemphill

### Appointments

Executive Committee, Finance Committee, First Nations Relations Committee, Community Consultative Committee, Port Hardy Heritage Society, Port Hardy Twinning Society, Vancouver Island Regional Library

jhemphill@porthardy.ca



## **Council**



Councillor Rick Marcotte

### Appointments

Executive Committee, Finance Committee, Operational Services Committee, Parks & Recreation Review Committee, Community Consultative Committee, Emergency Planning Committee, Port Hardy Fire Rescue, Scott Islands Advisory Committee, Vancouver Island North Tourism

rmarcotte@porthardy.ca



Councillor John Tidbury

### Appointments

Executive Committee, Finance Committee, Operational Services Committee, Parks & Recreation Review Committee, Emergency Planning Committee, Regional District Mt. Waddington Board (alternate), Regional Hospital Board (alternate), Mt. Waddington Regional Transportation Committee, North Island Regional Emergency Planning Committee, Vancouver Island North Woodlands Advisory Group

jtidbury@porthardy.ca



Councillor Fred Robertson

## Appointments

Executive Committee, Finance Committee, First Nations Relations Committee, Parks & Recreation Review Committee, Job Fair Committee, Mt. Waddington Health Network, Vancouver Island Regional Library (alternate)

frobertson@porthardy.ca



## Message from the Chief Administrative Officer

Welcome and thank you for your interest in the 2015 Annual Report. The District had many staff changes in 2015. We said "Goodbye" to the retiring CAO, Rick Davidge who served our community well for many years.

The District welcomed Heather Nelson-Smith to the role of Director of Corporate Services. Heather, previously the CAO for Alert Bay brings an enthusiastic, fun loving spirit to the District with a "do whatever it takes" attitude when it comes to serving the community.

Abbas Farahbakhsh became the newly appointed Director of Operations. Abbas was previously with the City of Duncan and Town of Ladysmith. Abbas brings a wealth of knowledge to the District. His sincere and calm demeanor is a strength the community can believe in to accomplish the many projects the District brings forward.

The position of the Director of Finance now lies with Adrian Maas. Adrian gave many years of service to the Vancouver Island Regional Library and the City of Campbell River prior to joining the District. We are pleased with the depth of knowledge Adrian brings to guide and inform Council and the District with respect to financial decision making.

Sean Mercer, the District Manager of Operations, was given a more complex position with the addition of the Recreation Facility operations. Sean's new title is Manager of Operations and Community Services. Sean brings a community first thought process to his position with the District. Sean has been a long time employee of the District and is able to share his knowledge of the community operations.



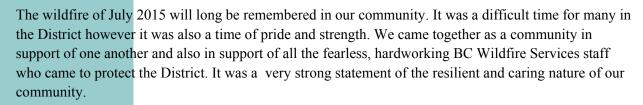


# Message from the Chief Administrative Officer

• • • • • • • • •

With senior staff in transition throughout 2015 the District relied heavily on the consistent and dedicated District employees to start many of the projects for 2015. Some projects which began in 2015 will be completed in 2016.

- Storey's beach ball fields
- Seawall light fixtures
- Local road infrastructure
- Aquatic centre study
- Dump truck
- Curling club renovations
- Kains Lake study
- Airport Wastewater Treatment Plant assessment



Council appointed me to the position of the Chief Administrative Officer for the District in November 2015, which I am honoured to accept and will work to serve the community to the best of my ability.

Thank you and we hope you enjoy the 2015 District of Port Hardy Annual Report.

Allison McCarrick







## The Leadership Team

**Allison McCarrick** 

Chief Administrative Officer

**Heather Nelson-Smith** 

Director of Corporate Services

**Adrian Maas** 

Director of Finance

**Abbas Farahbakhsh** 

Director of Operations

**Sean Mercer** 

Manager of Operations and Community Services

**Melinda Dennison** 

Aquatic Coordinator

Vern Braun

Recreation Facility Foreman

Leah Robinson & Angela Smith

Harbour Managers

**Schell Nickerson** 

Fire Chief

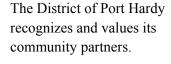
**Brent Borg** 

Deputy Fire Chief

**Gord Brownridge** 

Staff Sergeant





The District relies on its community partners for the important day-to-day tasks involved in keeping the community safe and vibrant.

These partners include Local Service Agencies, the Port Hardy Fire Department, the Vancouver Island Regional Library, the Port Hardy & District Chamber of Commerce, the Royal Canadian Mounted Police, Twinning and the Port Hardy Museum.

Volunteers and Community groups are all valued as an important part of making our community a welcoming place to live.







# **Community Engagement**



District Website: www.porthardy.ca

• Facebook pages: District of Port Hardy

Port Hardy Emergency

Port Hardy Recreation

Port-Hardy AnimalShelter

• Twitter: @DPortHardy

• Quarterly Newsletter: distributed with utility bills

- Regular Council Meetings
- Open Houses
- Local Media: The District regularly advertises items of interest to the general public through the North Island Gazette (local print media), and CFNI-Coast AM 1240 (local radio)
- Community Events: The District supports several key community events, including Canada Day, FILOMI Days, Ocean's Day and many other community led events
- Partnerships: The District co-produces materials with a variety of community partners, including Tourism Port Hardy, The Port Hardy & District Chamber of Commerce (Visitor's Centre), Vancouver Island North Tourism Association and Emergency Preparedness
- Email and Phone: General inquiries: email - <u>general@porthardy.ca</u> or phone 250-949-6665, Monday through Friday, from 8:30 a.m.- 4:30 p.m.





## 2015 Strategic Focus

Mayor and Council represent the people of Port Hardy by reviewing and assessing community needs each year. Council goes through a strategic planning process to implement a strategy of how to achieve goals that support retention and growth of our community and the North Island. This process identifies measurable goals to be achieved over the next 12 months and sometimes longer.

2015 goals included:

### Recreation Upgrades

Action: to ascertain the current status of the recreation facilities (primarily the pool) as well as other areas such as playfields, skateboard park, etc.

#### Beautification

Action: to ensure that the current garden standards do not diminish. Emphasis on entrances to the community and high profile locations.

#### Seniors

Action: to develop a closer relationship and improve services to the community's seniors. Identify priority areas where we can work towards improving community living standards for them.

#### Green Energy

Action: to review past District activities in this area and develop an appropriate carbon reduction program for the community.

#### **Empty Buildings**

Action: to develop options in dealing with empty or unsightly properties.

#### Health and Care Services

Action: to ensure that the District works with other agencies to maintain current standards of care in the community. Where possible Council will work towards encouraging additional services in this sector that would benefit the community.

#### **District Staffing**

Action: to ensure staffing levels are appropriate for levels of community delivered services.





# **Community Services**

**Corporate Services** 

**Operational Services** 

**Recreation Services** 

**Protective Services** 

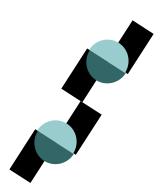
**Harbour Management** 

**Twinning** 

**Financial Services** 













### Administration

Managed and administered matters associated with over 100 contracts (including agreements and leases) between the District and other parties for a variety of purposes including such things as the lease of equipment, the provision of services by the District to others, services provided by others to the District, the lease of District land and buildings to others, the lease of Crown lands to accommodate the District's infrastructure, etc.

Carried out administration associated with business licensing, dog licensing, open burning permitting, sign permitting and special occasion liquor licensing programs.

### **Bylaws and Policies**

Revised, updated, replaced or created policies and regulatory bylaws on an as needed basis associated with:

- Street Naming-Beverly Parnham Way Bylaw No. 1037-2015
- Amend Fire Department Procedures Bylaw No. 1041-2015
- Amend Garbage and Recycling Bylaw No. 1043-2015

### **Staff Changes**

2015 saw many changes in the administration of the District. The Corporate Services Department hired Heather Nelson-Smith to the position of Director of Corporate and Development Services, beginning in late September. Heather replaced Jeff Long, who resigned from his position with the District in June.









### **Building inspection, Fire inspection and Bylaw enforcement services**

Provided building inspection services to the Regional District of Mount Waddington for the unincorporated community of Coal Harbour, and the Village of Port Alice. The Town of Port McNeill was added to our contracted building inspections services in August of 2015.

Continued with bylaw enforcement campaign for unsightly premises in the downtown area.

Completed compilation of a database of properties that are subject to fire safety inspections as required by the Fire Services Act. Completed 35 fire safety inspections.

Issued 37 building permits with a construction value of \$2,056,062 broken down as follows:

2015 BUILDING AND DEMOLITION PERMITS											
Nature of Permit Number of Permits Construction Val											
Residential											
New dwelling units	1	\$35,000									
Additions / renovations	13	\$160,470									
	Commercial / Industrial										
New buildings	12	\$420,000									
Additions / renovations	11	\$1,440,592									
	Institutional										
New buildings	0	0									
Additions / renovations	0	0									
	Demolitions										
All types	1	Not applicable									
TOTAL	37 Building and 1 Demolition	\$2,056,062									

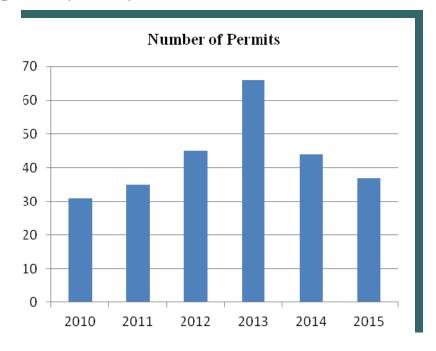


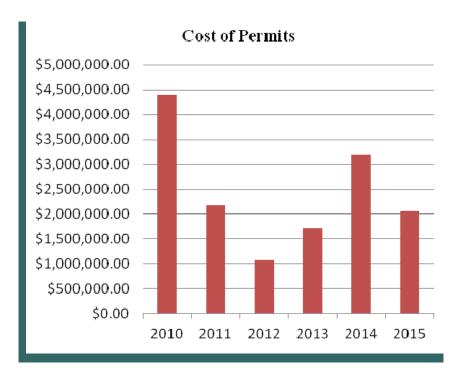




### **Comparison** of building permits year to year







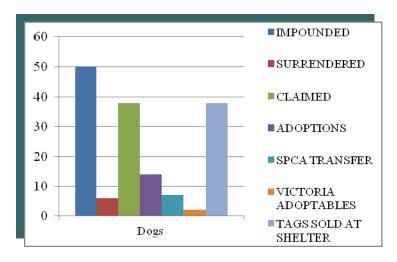


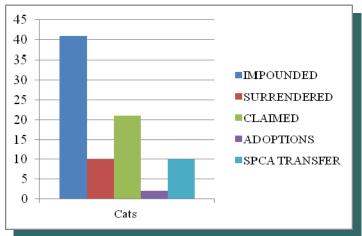
### **Emergency preparedness**

With the wildfire in July of 2015 and the subsequent evacuations, the Emergency Planning Committee has been working on communications and updating the emergency plan. In addition the District was successful in its application to the UBCM for a Community Wildfire Protection Plan that is set to begin in early 2016.

### **Animal care and control**

Aries Security Ltd. is the contracted animal control officer for the District. Aries operates the District's animal shelter located at 5060 Pioneer Way and undertakes enforcement activities governed by the District's Animal Care and Control Bylaw No. 11-2012. Aries staffs the animal shelter every day of the week from 9:30 am to 10:00 am and again from 4:45 pm to 5:15 pm. Animal control response service is available seven days a week, twenty-four hours a day.









# **Operational Services**



#### **Water Treatment Plant**

Throughout the course of 2015, there were times when due to heavy rains and high river colour events, that the water treatment process was disrupted. 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.

- There were no violations to permit in 2015
- A forest fire in July came very close to the water treatment plant. The details of this fire are found on the BC Wildfire Service website under "Tsulquate River Wildfire V70290"
- Low river levels triggered a Stage 3 water restriction as per the District Water Conservation Bylaw No. 06-2005
- A new processor was installed in the main plant PLC in November as well as a new soda ash flow meter after months of ongoing issues
- Remote access was established to the District SCADA network

### **Water Distribution System**

- A service saddle on the water main on Beaver Harbour Road was repaired
- 2 hydrants were serviced and a new hydrant was installed in front of the new medical clinic
- In December, the mainline supplying Fisherman's Wharf was repaired after breaking at the pipe joint
- 3 water meters on commercial buildings were replaced in 2015 due to shallow installation causing the meters to freeze and break
- In response to complaints regarding leaks in a private water distribution system and the risks presented by this cross connection, new water mains and a cross connection control device were installed. This will help to conserve drinking water and protect the District's water distribution system



The "Water Treatment Plant and Distribution System 2015 Annual Performance Report for Facility Numbers 529 & 155" is located as Appendix I, starting on page 40 of this document. The "Wastewater Treatment Plants & Collection System Annual Report 2015, MOE Certification ME-00385 & PE-04168" can be found in Appendix II, starting on page 51 of this document.



# **Operational Services**



### Highlights:

### **Tsulquate Wastewater Treatment Plant**

The upgraded Tsulquate Wastewater Treatment Plant (TWWTP) has performed very well since the new SBR trains have been online and the modifications to the extended aeration plant were completed in 2008. The combined average effluent flow over the course of 2015 was 1866 m<sup>3</sup>/day. The design capacity for the entire plant with the SBR trains and the extended aeration train is 2700 m<sup>3</sup>/day.

There were no incidents at the Tsulquate facility in 2015.

#### **Airport Wastewater Treatment Plant**

The Airport Wastewater Treatment Plant (AWWTP) continued to produce excellent effluent in 2015. The average influent effluent flow was 637 m<sup>3</sup>/day.

There were no permit violations.

#### **Collection System**

The collection system is operating well considering the age of the infrastructure. The lift stations remain a focus for the maintenance and capital upgrade programs to address this aging infrastructure, as identified in the Liquid Waste Management Plan.

There were no incidents within the collection system in 2015 resulting in spills to the environment.







# **Operational Services**

### Highlights:

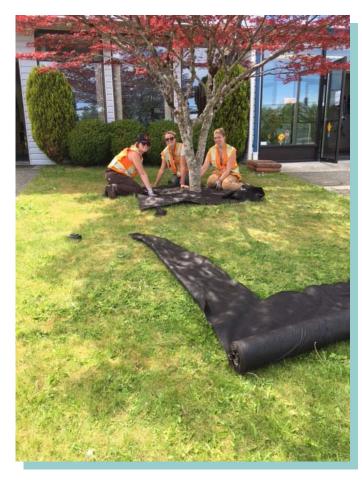
2015 brought staff changes to the Public Works department. The District welcomed Abbas Farahbakhsh to the role of Director of Operational Services. Abbas was previously with the City of Duncan and Town of Ladysmith. Abbas brings many years of experience in municipal operations.

Sean Mercer, Manager of Operations was assigned an expanded role to include the recreation facilities within his operations management. Sean's new title is Manager of Operations and Community Services.

The summer students along with District workers continue to make Port Hardy more beautiful each season, we are very lucky to have such a great crew!

The seawall is getting a makeover with new lights. The first set of lights arrived in 2015 and were installed in 2016. The remaining lights will be completed in 2016.

With the many roads, parks, bridges and walkways within the District, the Public Works crew keep Port Hardy well maintained.







### **Don Cruickshank Memorial Arena**

During 2015 the Don Cruickshank Memorial Arena hosted five Minor Hockey Tournaments, the Bantam Tier 3 Provincial Championships and the Port Hardy Wild Women's Hockey Tournament. Ice use by private rentals and user groups totaled 834.25 hours. Public/Family Skates, Stick Times and special events hosted by the Recreation Department attracted 2,387 skaters, with approximately 300 attending the holiday skates and stick times.

There was an additional 60 hours of dry floor rentals in the off season. The major portion of these hours was the result of two events that took place while the ice was out. These events were the Harvey Walkus Memorial Floor Hockey Tournament and the North Island Eagles FILOMI Days Dance. All events had great community involvement and were an enjoyable time for all participants and attendants.

Arena staff supported the community through participation in local events such as Canada Day and FILOMI Days, assisting with event planning, set up and take down.

New lights were installed over both the arena surface and the pool deck. Exterior lights on the recreation facility were upgraded to LED. Annual maintenance of the recreational facility was completed during the summer shutdown period.

### **Maintenance**

#### Arena:

- Compressor rebuild
- New lights over the ice surface
- Completed general plumbing, and facility repair and maintenance

#### Pool:

- Performed general plumbing and facility repair and maintenance
- New lights over the pool deck
- Repaired pool underwater lights







### **Don Cruickshank Memorial Arena**

2015 Events

January 30 – February 1

February 20 - 22

March 6 - 8

March 15 - 18

March 22

March 23

April 24 - 26

July 18

September 5

November 6 - 7

November 12-15

November 21

November 27 - 29

December 19 - 20

December 21

Port Hardy Minor Hockey Bantam Tournament

Port Hardy Minor Hockey Midget Tournament

Port Hardy Minor Hockey Peewee Tournament

Bantam Tier 3 Provincial Championships

Last day of Skating

Ice out

Harvey Walkus Memorial Floor Hockey Tournament

N.I. Eagles FILOMI Days Dance

Ice in for First Skate

North Island Capitals

Port Hardy Wild Tournament

Port Hardy Minor Hockey Atom Jamboree

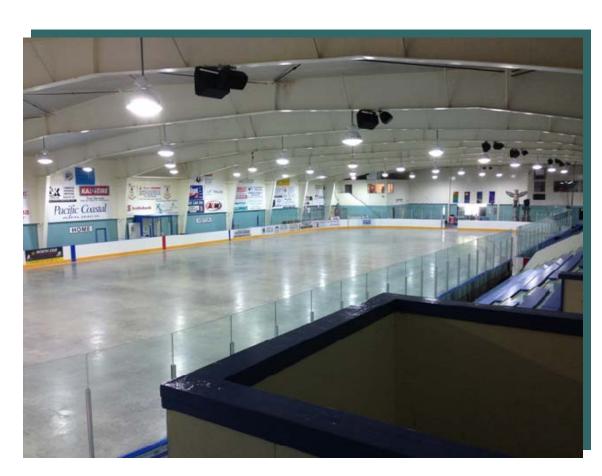
Port Hardy Minor Hockey Novice Tournament

Port Hardy Minor Hockey – Hockey Camp

Started Christmas schedule







### **Aquatic Centre**

The Port Hardy Recreation Center / Pool had an energetic year. A new fitness program was added in the fall of 2015. The new program, Chair fit, has gained popularity and currently has an average of 15 participants per class.

All regular swimming programs ran consistently throughout the year. The pool is used by many Port Hardy and North Island residents who are trying to stay healthy, get in shape and continue to be fit.

The Port Hardy Recreation Facility is in high demand from residents in our community, surrounding community users, school groups, social groups, etc. We continue to serve the public in a reliable and efficient manner.

Over 15,000 people used our pool facility in 2015. Below is the 2015 pool attendance per program offered:



2015 Pool Attendance Totals								
Program	# of participants							
Noon lengths	1,869							
Evening lengths	646							
Family/Senior swim daytime	514							
Family/Senior swim evening	4,013							
Public swim daytime	1,854							
Public swim evening	3,439							
Aqua fit day/evening/dryland	2,811							
1/2 Aqua fit & 1/2 lengths	246							
Total	15,392							







### **Aquatic Centre**

Stantec consultants completed an assessment of the Aquatic Centre in 2015. The assessment report brought awareness to Council and the public of the pool's aging infrastructure. The report gave Council a base on which to consult with the residents of Port Hardy and the North Island to decide on a plan of action for the aquatic facility.

The report gave a very high level estimation on costs to repair, repair and expand or build a new facility. The repair or repair and expand gave an estimated new life of the pool of approximately 15 years. A new facility would have a life span of approximately 30-40 years.

Estimated cost for Repairs - approximately 15 years new life

\$3,159,000.00

Pool closures required

Estimated cost for Repairs & Expansion - approximately 15 years new life

\$8,016,000.00

Pool closures required

New Facility - approximately 30-40 years lifespan

\$10,514,000.00

Current facility remains open





### Response

The Port Hardy Volunteer Fire Rescue is made up of Fire Chief, Schell Nickerson and Deputy Chief, Brent Borg, along with 29 members. In 2015 the department advertised for volunteer help to assist the Chief and Deputy Chief with administration work.

Port Hardy Fire Rescue responded to 159 calls for service in 2015. This was the highest call volume ever and is a 35% increase from 2014.

	2014			2015						
Calls	Response Type	% of Total	Calls	Response Type	% of Total					
41	Alarms	34%	33	Alarms	21%					
25	Fire	21%	52	Fire	33%					
20	MVI	17%	16	MVI	10%					
19	Assistance	16%	27	Assistance	17%					
4	Hazmat		5	Hazmat						
3	Mutual Aid		4	Mutual Aid						
3	Investigation	12%	13	Investigation	19%					
2	Public Service		4	Public Service						
1	Rescue		5	Rescue						
118	Total	100%	159	Total	100%					





### **Training**

Training continues to be the largest time commitment for the department. We continue to train to the National Fire Protection Association 1001 (NFPA) standards with Basic Firefighter certification.

2015 Port Hardy Fire Rescue extra training included:

#### Port Hardy Hosted:

- 2 Day Auto X training with KGC
- 3 Days Live Fire Training at Gwa'Sala-'Nakwaxda'xw
- SCBA Scott Field Maintenance Training
- Portable Fire Extinguisher Training to Pacific Coastal employees

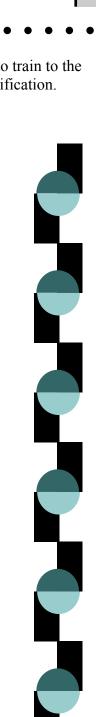
### **Training within Port Hardy:**

- Plane Crash Simulation at Port Hardy Airport with SARS 442
- Spill Response with Chevron Canada
- Occupational Health & Safety with the Employer's Advisers Office

#### Training outside the District:

- MCI Training in Port McNeill with BCEHS
- Neucel Emergency Response Tour in Port Alice with Neucel Fire
- 2 Days Hazmat Awareness & Operations in Port McNeill with JIBC & BCFTOA
- Stop Bad in Port Alice with FC Gord Schreiner (Comox)
- 2 Days Live Fire Level 1 Training in Comox with Comox Fire
- EOC Table Top Exercise in Port McNeill,
- 2 Days in Errington with the Vancouver Island Firefighters Association
- Training in Vancouver and Penticton





### **Community Involvement**

Fire prevention awareness was provided at the following schools and daycares:

Avalon Adventist Junior Academy, Stepping Stones Daycare, Fort Rupert First Nations Community Safety Fair, Port Hardy High School, and Fort Rupert Elementary School.

Participation in community events kept the members busy and included:

- Wounded Warriors Run for PTSD
- Relay for Life
- Grad 2015 Grand Tour of town
- Hot Dog Sale for BC Children Hospital
- Escort riders for BC Lung Association
- Canada Day Parade
- Filomi Days Parade & Fireworks
- Tour De Rock
- Port Hardy Hospital Auxiliary Christmas Bazaar
- Storey's Beach Fireworks
- Pumpkin Walk
- Remembrance Day Ceremony
- Santa Claus Parade
- Christmas Hamper deliveries







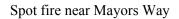
### Wildfire 2015

The biggest fire of the year was also the longest time spent on scene in the history of the Port Hardy Fire Rescue. The Tsulquate River Fire was the most intense, fast moving and changing conditions we had ever faced. Our response and commitment demonstrated that our training was valuable. The first officer on scene made all the right calls and by luck we were able to have the Coast Fire Center divert a retardant bomber that was already in the air at the time of the mutual aid call. They were able to drop their load on an advancing spot fire that was less than 200 meters from homes. Our members were able to attack a smaller spot fire with the help of our mutual aid partners of Coal Harbour Fire, Port McNeill Fire and Port Alice Fire.

The members of our mutual aid partners left their family, work and weekend to stand on guard for one of their North Island communities. Together we logged in more than 845 firefighter hours with 45 firefighters on scene for a total of 37 hours.



Main Fire







### **Department**

Meetings are a big part of the fire service and there were 65 in 2015. These are attended by many members of the department and add to time, commitment and knowledge. We attend meetings within the District but also some meetings out of town such as: Officer, Association, District, JOHS, Emergency Preparedness and others.

We work hard to meet the department's needs within our budget and continue to put safety first. We do this with proactive maintenance of our apparatus, fire halls, equipment and PPE. We send our bunker gear out to be professionally cleaned, inspected and repaired before a new member receives it. We have hose testing, ladder testing, SCBA flow testing, pump service and testing, and auto extrication equipment serviced annually.

Overall the Fire Department is healthy with membership. We continue to recruit more to lessen the workload on members. 25 fire calls were submitted to the Office of the Fire Commissioner. The volunteers of Port Hardy Fire Rescue in 2015 logged:

Calls	1,548	hours
Duty Weekends	1,237	hours
Training, Meetings and all other duties submitted	8,849	hours
Total Hours recorded	11,634	hours

Port Hardy Fire Rescue continues to be a well-trained, equipped department, who are always willing to serve its community. We continue to strive to be the best in what we do, to keep our community safe and healthy.

I would like to thank all our volunteer firefighters, their families and their employers that let them respond to any emergency that is called of them.

Fire Chief,

Schell Nickerson







## Harbour

Seaway Ventures Ltd. was awarded the harbour contract at the end of April 2015. The focus will be to maintain the current infrastructure, engage with Small Craft Harbours and other funding regulatory organizations to further harbour development and look to upgrade the facilities for the benefit of all harbour users and the community.

### 2015 Commercial Fisheries

The tuna were plentiful and the warm water kept them close to shore resulting in the regular movement of tuna boats around our docks. The 'local' salmon fishery was sporadically opened for short periods of time in Area 8. Consequently the gillnet and seine fleet returned to our harbour facilities en masse and vessels of all sorts were rafted 3 wide at times.





### Seine Floats

A 1,500L, double-walled waste oil tank was installed at the facility and a concrete curb was built for containment along the entrance to the shed. Drums for antifreeze, contaminated absorbent pads and used oil filters were also implemented for commercial fishing vessels. Environment Canada made a surprise visit and the facility was noted to be in good working order. Thanks to harbour staff for keeping up with over 2,000L of waste oil and related buckets and cleanup.

Tuff Marine Products Ltd. worked with Small Craft Harbours engineers and harbour management to implement an innovative repair to the outer concrete float at the beginning of the fall season. The new repair held up nicely as we moved into the winter storms, as the engineering allowed for more movement and consequently less wear and tear.



## Harbour

### Fisherman's Wharf

The preliminary process of removing derelict or abandoned boats continued in 2015. Two sinking vessels were removed from the docks and more vessels of concern are slated to go in the new year.

### **T-Floats**

Pacificus Biological Services Ltd. was contracted to assess and map the T-Float anchor system. Additional connections were also made, further bracing the system against the predominant northwest winds. The system will undergo another assessment in 2019.





We hosted approximately 45 sailboats with the Van Isle 360 this year. It was one of the windiest races the circuit has ever seen and they were grateful to have the Seagate Pier building available to mend sails into the wee hours of the night. The organizers and participants of the race were thoroughly impressed with Port Hardy's hospitality.





# Harbour

### Bear Cove Recreational Site

The ramp at Bear Cove Recreational site is subject to shoreline and depth effects from water movement in Hardy Bay. To repair and support against further erosion, gravel was deposited at the bottom of the ramp to reduce the

grade of the drop-off that naturally occurs in that location.

An additional breakwater was installed by Tuff Marine to further protect the Bear Cove floats from the wave action refracting off the shore.











# **Twinning**

# PORT HARDY TWINNING SOCIETY Port Hardy, BC - Numata, Hokkaido



Canada - Japan

"To strive for the advancement of friendship between our community and Numata through the promotion of exchanges in the fields of economy, culture, education, and sports... in full and free cooperation with our sister city."

While still going strong in wanting to do great work for fostering the relationship between Port Hardy and Numata the Society decided early on that 2015 would be a quiet year for us. The previous year, 2014, was the 20 year anniversary of twinning and an all out effort by our small group of dedicated volunteers produced amazing results. While 2015 was a year for Port Hardy to send a delegation to Numata, due to the need for tight budgets in interested families, we were not able to send a group to Numata.

In 2015 the focus of the Society was to look at ways and means of fostering greater awareness of the sister-city / twinning program in our community, gaining new members and re-connecting with those not as active in the past few years.

### Highlights:

### Filomi Days Parade

The Society took part in the Filomi Days parade, winning blue ribbons in 'Best in Theme' and 'Best Non-Profit'. The theme was sustainable forestry - so we built a totally sustainable logging truck! Constructed with bamboo strips, wire, rice paper, white glue and wax, the project was a great success. The truck was emblazoned with the Western Forest Products logo as a thank-you for their support for our Torii Gate build.









# **Twinning**

#### **Torii Gate Completion**

The final touches were completed on the Torii gate in the spring of 2015. They included ordering and installation of the plaques, preserving the wood with two coats of stain and arranging with District of Port Hardy Public Works crew to seed a small area at the base of the Torii. Many thanks to Rob Driemel for working hard to complete this 20 year anniversary project. The Twinning Society is pleased to turn over this symbol of the special relationship between Port Hardy and Numata to the District of Port Hardy.

#### **Social Media**

The Port Hardy Twining Society Face-book page continues to be visited regularly by Society members and citizens of both Port Hardy and Numata. Society events, photos and activities are uploaded and updated regularly. It has been a great way to let people know who we are, and what the Society does.

### **Airport Display**

The Port Hardy Airport has generously given the Twinning Society the use of a large display case inside the terminal building. The display provides pictures, information and items that showcase the sister city relationship between our two communities. It is colourful and a great way to welcome visitors to Port Hardy.



#### **Shinto Shrine**

The Twinning Society worked with the District to find a good, safe home to display the beautiful wooden model of a Shinto Shrine, a gift from Numata to mark the completion of the Torii Gate. The recreation display cabinet at the Civic Centre is the new home of this wonderful gift that helps generate interest in our sister city relationship with Numata.









# **Twinning**

#### **Twinning Garden at Carrot Park**

The Society agreed in the fall of 2015 that the twinning garden is in line for a complete overhaul. With the help of Rui Veloso, a former District of Port Hardy head gardener, an updated garden layout plan has been drawn up as well as suggestions for slow growing plants more suitable for the garden's seaside location. The revamp of the garden is planned for spring of 2016.

#### Plans for 2016

The Twinning Society is expecting to have a much busier year in 2016. Planned activities include:

- A February or March Open House / Display event
- Articles in the N.I. Gazette on Twinning experiences and how taking part can change your life
- Organizing an event to recognize the 5 year anniversary of the 2011 Tōhoku earthquake and tsunami
- Plan a school event at PHSS to raise interest for students to go to Numata in 2017
- Update of the twinning garden
- Bring the Uminari Taiko Drummers from Victoria to Port Hardy for a Filomi Days show and drumming workshop
- Host a delegation from Numata in the fall

#### Chair - Leslie Driemel









## **Finance**

Fiscal responsibility and financial sustainability are key goals of the District of Port Hardy's finance department. These goals are achievable with informed decision making and clear direction between staff and Council.

Maintaining and improving service levels for the citizens of Port Hardy are a focus for Council and it is the responsibility of the finance department to find a balance of funding for these goals.

Capital projects including revitalization, infrastructure, and business attraction are projects that Council are directing staff to work towards so that financial sustainability for the District is achieved. The finance department reports to Council the fiscal viability and constraints with regards to Capital projects so that Council is able to make informed decisions when deciding which projects will benefit the citizens of Port Hardy.

### Financial Activities of the Finance Department include:

### **Financial planning**

Annual five year financial plan, user rates and fees structure

#### **Financial reporting**

Audited financial statements, municipal tax rates, statement of financial information submitted to the Provincial Government

#### Revenue collection

• Property tax collection, quarterly utility revenue, other revenue including user fees for services provided

#### Payment of accounts

• Payments to hundreds of suppliers annually

#### Other activities

• Internal auditing controls, payroll functions, invoicing, debt financing, business licences and other activities required to manage the District's financial matters





# **Finance**



(in \$1,000's)	2015		2014		2013		2012		2011		2010	
Residential	\$	246,311	\$	261,596	\$	256,225	\$	257,891	\$	256,961	\$	242,241
Utilities		767		751		490		479		476		512
Light Industry		3,839		3,804		3,924		3,975		4,233		4,764
Business		58,776		58,419		58,169		56,840		57,242		57,948
Managed Forest		357		322		203		213		232		254

367

319,378

409

319,807

409

319,553

425

306,145

% change from prior year -4.53% 1.83% -0.13% 0.08% 4.38% 8.41%

346

325,237

461

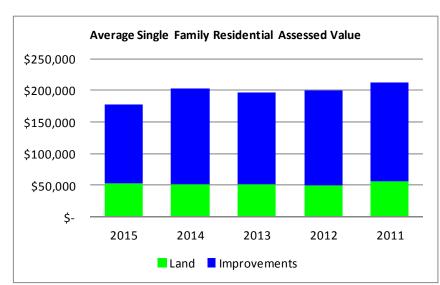
310,511

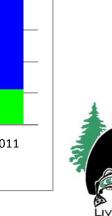
Average Single Family Residential

Recreation/Non Profit

Assessment		2015		2015 2014		2014	2013		2012		2011		2010	
Land	\$	36,947	\$	53,404	\$	51,376	\$	50,599	\$	49,939	\$	56,710		
Improvements		123,796		151,996		146,224		149,001		155,592		134,499		
	\$	160,743	\$	205,400	\$	197,600	\$	199,600	\$	205,531	\$	191,209		

% change from prior year -21.74% 3.95% -1.00% -2.89% 7.49% 0.84%

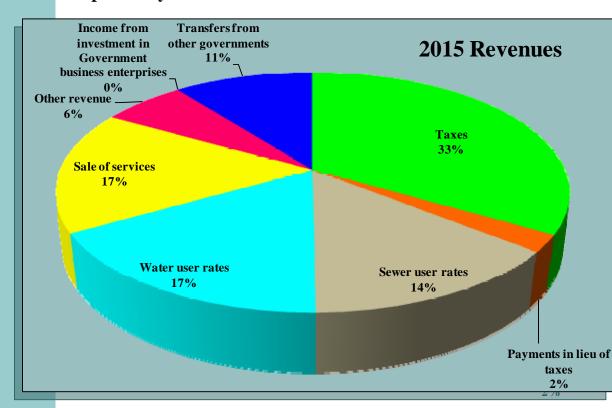


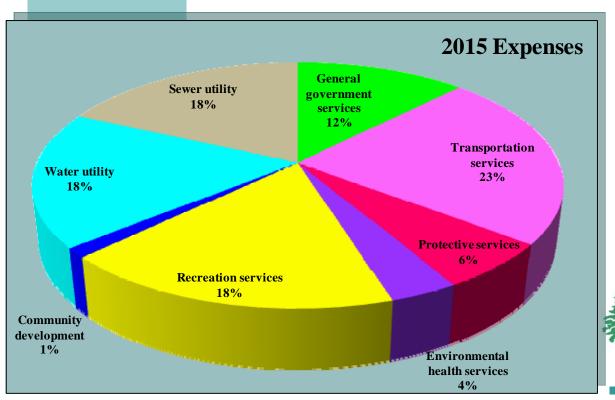




### **Finance**

#### 2015 Revenues & Expenses by %



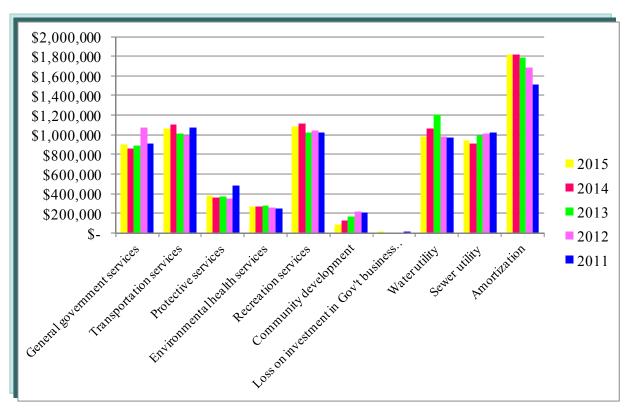




### **Finance**

#### 2015 Expenses by Function

		2015	2014	2013	2012	2011
						_
General government service	ees	\$ 897,331 \$	856,904 \$	890,742 \$	1,075,171 \$	909,463
Transportation services		1,062,216	1,104,213	1,010,746	989,461	1,073,395
Protective services		376,914	361,526	371,027	348,011	479,210
Environmental health serv	ices	265,487	273,210	273,990	263,013	246,608
Recreation services		1,079,890	1,110,193	1,024,172	1,046,878	1,021,880
Community development		89,064	123,013	171,028	215,632	209,963
Loss on invest. in Gov't bu	siness enterprises	4,531	-	-	-	16,538
Water utility		982,958	1,065,927	1,207,348	981,735	974,161
Sewer utility		941,486	910,759	990,815	1,017,365	1,017,776
Amortization		1,812,521	1,820,611	1,782,877	1,687,356	1,509,657
		\$ 7,512,398 \$	7,626,356 \$	7,722,745 \$	7,624,622 \$	5,948,994





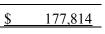


## **Finance**

### **2015 Permissive Tax Exemptions**

Fort Rupert Curl	ing Club	\$ 6,626
Grassroots Gard	en Society	497
North Island Cris	sis and Counselling Centre	3,907
Society Pentecos	stal Assemblies of Canada	3,914
Port Hardy Bapt	ist Church	1,139
Port Hardy Chan	nber of Commerce	3,893
Port Hardy Cong	gr Jehovah's Witnesses	1,205
Port Hardy Ecun	nenical Society	2,084
Port Hardy Herit	age Society	4,931
Port Hardy Hosp	oital Auxiliary	2,927
Rainbow Countr	y Daycare Society	2,150
Royal Canadian	Legion	2,298
Seventh Day Ad	ventist Church	25,842
St. Bonaventure	Catholic Church	1,425
Tri Port Motorsp	oort Association	1,044
Vancouver Islan	d Health Authority	111,900
PH Seniors Hous	sing	2,032

The 2015 Audited Financial Statements and 2015 Statement of Financial Information are located as Appendix III starting on page 59 of this document.

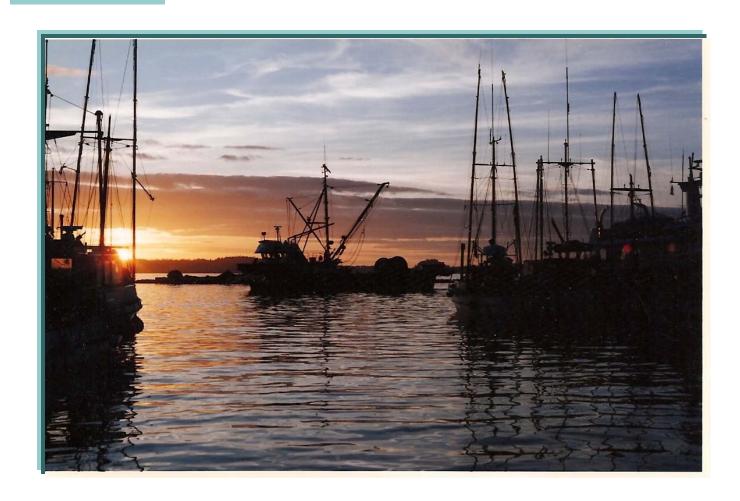






## **Appendix I**

## Water Treatment Plant & Distribution System









## WATER TREATMENT PLANT & DISTRIBUTION SYSTEM



2015 Annual Operations Performance Report Facility Numbers 529 & 155

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#### Overview

Port Hardy, with a population of about 5,000 people, is located at the northern end of Vancouver Island. In May 2000 the new water treatment plant was commissioned and helped Port Hardy's reputation of poor water quality to one of the best in British Columbia.

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 2015, 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 one Level II operator.

Operator	Title	Certification
Joe Jewell	Utilities Supervisor	WT IV, WWT II, WD II, WWC I
Justin Reusch	Chief Operator	WT II, WD I, WWT II
Roland LeFort	Operator	WWT III, WT II
Cory Henschke	Operator	WWT I, WD II

#### **OPERATIONAL HIGHLIGHTS**

#### Water Treatment Plant

Throughout the course of 2015, 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.

- ➤ There were no violations to permit in 2015
- A forest fire in June came very close to the water treatment plant
- ➤ Low river levels triggered a Stage 3 water usage
- A new processor was installed in the main plant PLC in November as well as a new soda ash flow meter after months of ongoing issues
- ➤ Remote access was established to the District SCADA network enabling remote access

#### Water Distribution System

- A service saddle on the water main on Beaver Harbour Road needed to be repaired
- ➤ 2 hydrants serviced and a new hydrant installed in front of the new medical clinic
- > In December, the mainline supplying Fisherman's Wharf was repaired after breaking at the pipe joint
- ➤ 3 water meters on commercial buildings were replaced in 2015 due to shallow installation causing the meters to freeze and break

#### **Cross Connection Control**

A formal Cross Connection Control program was presented to the District of Port Hardy in late 2010. This system was created by Maintenance Tracking Systems Inc (MTS). Currently, backflow preventers are installed in all treatment plants in areas that may be a possible risk. In 2008, all sewage liftstations with wash down hose bibs were upgraded with backflow preventers.

#### Water Wise Program Continuation

A total of 175 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.

## RAW AND TREATED WATER PRODUCTION

Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
Raw Water Pumped in ML	144	127	141	137	145	162	161	158	143	137	142	148	1745
Treated Water Production in ML	141	124	139	134	142	159	158	152	139	135	139	145	1708
Rainfall in mm	223	99	197.6	120.8	5.2	16	45	92.8	130.4	222.2	121.2	265.4	1534
Backwashes	40	36	36	38	35	35	34	35	39	36	42	48	454

### CHEMICAL USAGE

Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
ISOPAC 6 Coagulant in kg	5529	5485	6474	5614	3928	3363	3805	6032	7718	7914	6787	5578	68227
Soda Ash in kg	2835	2659	3192	2884	1829	1399	1688	2708	3445	2934	2602	2436	30612
Filter Aid (LT20) in kg	1.11	0.95	1.07	1.21	0.88	0.63	0.96	0.89	1.06	1.07	1.15	1.36	12.32
Salt for Chlorine Generator in kg	693	596	698	652	627	677	680	772	736	708	534	642	8014
Liquid Sodium Hypochlorite 12% in kg				0	0	0	0	0	0	0	0	0	0
Lime in kg	2946	2362	2852	2683	2576	2369	2229	2223	2226	2107	2106	2298	28978
Carbon Dioxide in kg	3411	2723	3648	2863	3349	2719	2845	3098	2255	2968	2867	2398	35144

## FILTERED WATER QUALITY

Month	Filt	er 1	Filt	er 2	Filt	er 3	Filter 4		
	Avg	Max	Avg	Max	Avg	Max	Avg	Max	
January	0.03	0.29	0.04	0.27	0.04	0.25	0.03	0.23	
February	0.03	0.29	0.04	0.29	0.03	0.29	0.04	0.29	
March	0.03	0.25	0.04	0.28	0.03	0.29	0.03	0.26	
April	0.03	0.08	0.04	0.12	0.03	0.09	0.04	0.12	
May	0.03	0.06	0.03	0.23	0.03	0.08	0.03	0.08	
June	0.03	0.08	0.03	0.10	0.04	0.11	0.03	0.09	
July	0.04	0.10	0.04	0.10	0.04	0.10	0.03	0.09	
August	0.03	0.09	0.04	0.10	0.04	0.10	0.03	0.09	
September	0.03	0.09	0.04	0.11	0.04	0.10	0.03	0.09	
October	0.03	0.08	0.04	0.11	0.03	0.10	0.03	0.10	
November	0.03	0.26	0.04	0.29	0.04	0.29	0.03	0.29	
December	0.03	0.28	0.04	0.28	0.04	0.18	0.03	0.26	
Average	0.03	0.16	0.04	0.19	0.04	0.16	0.03	0.17	
Minimum	0.03	0.06	0.03	0.10	0.03	0.08	0.03	0.08	
Maximum	0.04	0.29	0.04	0.29	0.04	0.29	0.04	0.29	

### RESERVOIR EFFLUENT

Month	Flo (m <sup>3</sup> /1			nlorine ;/L)	p	Н		oidity ΓU)
	Avg	Max	Avg	Max	Avg	Max	Avg	Max
January	166	234	1.1	1.1	7.2	7.5	0.07	3.62
February	162	239	1.1	1.1	7.4	7.5	0.03	0.29
March	163	237	1.1	1.2	7.2	7.4	0.02	0.13
April	164	244	1.0	1.2	7.2	7.4	0.03	0.29
May	170	242	0.9	0.9	7.2	7.5	0.03	0.29
June	194	292	0.9	0.9	7.3	7.4	0.03	0.29
July	181	263	0.8	0.9	7.4	7.5	0.03	0.29
August	174	287	1.0	1.0	7.3	7.5	0.06	0.17
September	163	273	1.0	1.0	7.1	7.2	0.05	0.29
October	152	254	1.0	1.0	7.4	7.5	0.04	0.16
November	161	267	0.9	1.1	7.2	7.3	0.05	0.29
December	166	260	1.0	1.0	7.2	7.3	0.05	0.14
Avg	168	258	1.0	1.1	7.3	7.4	0.04	0.52
Min	152	234	0.8	0.9	7.1	7.2	0.02	0.13
Max	194	292	1.1	1.2	7.4	7.5	0.07	3.62

## DISTRIBUTION WATER QUALITY AND BACTERIOLOGICAL RESULTS

	Janu	ıary			February					March						
Dist	tribution	n Samp	ling		Dis	tributio	n Samp	ling			Dis	tributio	n Samp	ling		
Location	Date	Free Chlorine	Turbidity NTU	pН	Location	Date	Free Chlorine	Turbidity NTU	pH		Location	Date	Free Chlorine	Turbidity NTU	pН	
	01/07/15	mg/L 0.5	0.21	8.1		02/03/15	mg/L 0.6	0.13	7.9			03/03/15	mg/L 0.6	0.20	7.7	
	01/12/15 01/13/15	0.6	0.24	8.2		02/10/15	0.7	0.20	8.0			03/10/15	0.9	0.25	7.9	
Chatham Avenue	01/13/15	0.6	0.16	7.9 8.1	Chatham Avenue	02/17/15 02/24/15	0.8	0.12 0.14	8.1 8.0		Chatham Avenue	03/17/15 03/24/15	0.9 1.1	0.40	8.0 7.6	
	01/26/15	0.7	0.13	8.0				0.00	0.0			00,20,10			- 1.0	
	01/07/15	0.9	0.23	7.8		02/03/15	0.8	0.14	7.5			03/03/15	1.0	0.15	7.4	
Peel Street Liftstation	01/13/15 01/20/15	0.8 1.0	0.33	7.6 7.8	Peel Street Liftstation	02/11/15 02/17/15	1.0 0.9	0.17 0.17	7.7 7.6		Peel Street Liftstation	03/10/15 03/17/15	0.9 1.0	0.14	7.5 7.5	
Lindudon	01/26/15	0.9	0.18	7.4	Lindudon	02/24/15	1.1	0.14	7.5		Littouton	03/24/15	1.0	0.16	7.4	
	01/07/15	0.2	0.64	7.5		02/03/15	0.4	0.36	7.6			03/03/15	0.9	0.23	7.6	
Airport Wastewater Treatment Plant	01/13/15 01/20/15	0.2	0.42	7.5 7.9	Airport Wastewater Treatment Plant	02/11/15	0.3	0.32	7.7 7.8		Airport Wastewater Treatment Plant	03/10/15 03/17/15	0.4	0.25	7.8 7.7	
Treatment I min	01/26/15	0.2	0.39	7.5	Treatment I am	02/24/15	0.9	0.20	7.7		Treatment Tune	03/24/15	0.8	0.22	7.5	
	01/07/15	0.8	0.39	7.9		02/03/15	0.9	0.14	7.7			03/03/15	1.0	0.18	7.5	
Public Works Yard	01/13/15 01/20/15	0.9 1.1	0.19	7.7 7.9	Public Works Yard	02/11/15	1.1 0.7	0.21	7.7 8.0		Public Works Yard	03/10/15	0.6	0.13	8.0 8.1	
	01/29/15	1.2	0.25	7.6		02/24/15	0.8	0.13	7.9			03/24/15	0.9	0.15	7.6	
	01/08/15	0.8	0.64	7.4		02/03/15	0.4	0.15	7.7			03/03/15	0.4	0.21	7.4	
Eagleview School	01/14/15 01/22/15	0.4	0.40	7.7	Eagleview School	02/11/15 02/18/15	0.4	0.41	7.5 7.6		Eagleview School	03/10/15 03/18/15	0.7	0.37	7.7 7.8	
	01/22/15	0.5	0.93	7.7		02/18/15	0.3	0.18	7.7			03/18/15	0.4	0.19	7.9	
	01/07/15	0.9	0.20	7.8		02/03/15	0.8	0.15	7.5			03/03/15	0.9	0.12	7.51	
Poor Comp P	01/10/15	0.0	0.21	7.	Poss Company	02/04/15	0.7	0.18	7.5		Para Carra Para a	02/40/45	0.02	0.11	751	
Bear Cove Reservoir	01/13/15 01/20/15	0.8	0.24	7.6 7.6	Bear Cove Reservoir	02/17/15		0.15 0.14	7.6 7.8		Bear Cove Reservoir	03/10/15 03/18/15	0.92 1.0	0.14	7.51 7.6	
	01/26/15	0.8	0.15	7.5		02/24/15	1.0 0.9	0.18	7.7			03/24/15	1.0	0.17	7.5	
	01/07/15	0.5	0.25	7.6		02/03/15	0.8	0.19	7.5			03/03/15	0.7	0.13	7.4	
Ferry Terminal	01/12/15 01/20/15	0.7	0.22	7.6 7.6	Ferry Terminal	02/10/15 02/17/15	0.6 1.0	0.13 0.11	7.6 7.7		Ferry Terminal	03/10/15 03/18/15	0.8	0.11	7.5 7.6	
	01/26/15	0.7	0.13	7.6		02/24/15	0.9	0.15	7.7			03/24/15	0.8	0.15	7.5	
	01/07/15	1.0	0.26	7.5		02/03/15	0.9	0.18	7.6			03/03/15	1.1	0.17	7.4	
771 1 40 PPV	01/13/15	1.0	0.21	7.7	771 40 PPV	02/04/15	1.0	0.21	7.6		771 1 40 PPV	03/10/15	1.0	0.15	7.5	
Highway 19 PRV	01/20/15	1.1	0.34	8.6	Highway 19 PRV	02/11/15	1.0	0.13	7.6		Highway 19 PRV	03/17/15	1.0	0.14	7.6	
	01/26/15	1.0	0.13	7.5		02/17/15	1.0	0.14	7.7			03/24/15	1.0	0.17	7.6	
Average	:	0.7	0.28	7.7	Averag		0.8	0.18	7.7		Average		0.8	0.18	7.6	
Minimur		0.2	0.13	7.4	Minimu		0.3	0.11	7.4		Minimur		0.3	0.11	7.4	
Maximur	n	1.2	0.93	8.6	Maximu	m	1.1	0.41	8.1		Maximur	n	1.1	0.40	8.1	
	Ap	ril				M	av					Ju	June			
Die	tribution	n Samn	ling		Die	tribution		ling			Die		Samn	ling		
Dist	tributio		ling		Dis	tribution	n Samp				Dis	tributio		ling		
Dis	tribution Date	Free Chlorine (mg/L)	ling Turbidity (NTU)	pН	Dis	tribution Date		ling Turbidity NTU	pH		Dis		Free Chlorine mg/L	ling Turbidity NTU	pН	
	Date 04/01/15	Free Chlorine (mg/L)	Turbidity (NTU)	7.8		Date 05/05/15	Free Chlorine mg/L	Turbidity NTU	8.2			Date 06/02/15	Free Chlorine mg/L 0.5	Turbidity NTU	7.8	
Location	Date 04/01/15 04/07/15	Free Chlorine (mg/L) 0.6 0.5	Turbidity (NTU) 0.18 0.12	7.8 7.8	Location	Date 05/05/15 05/12/15	Free Chlorine mg/L 0.4	Turbidity NTU 0.14 0.19	8.2 8.2		Location	Date 06/02/15 06/09/15	Free Chlorine mg/L 0.5 0.4	Turbidity NTU 0.13 0.18	7.8 7.8	
	Date 04/01/15	Free Chlorine (mg/L)	Turbidity (NTU)	7.8		Date 05/05/15	Free Chlorine mg/L	Turbidity NTU	8.2			Date 06/02/15	Free Chlorine mg/L 0.5	Turbidity NTU	7.8	
Location	Date 04/01/15 04/07/15 04/08/15 04/14/15 04/21/15	Free Chlorine (mg/L) 0.6 0.5 0.5 0.6 0.8	Turbidity (NTU)  0.18  0.12  0.13  0.12  0.14	7.8 7.8 7.9 7.9 7.9	Location	Date 05/05/15 05/12/15 05/19/15	Free Chlorine mg/L 0.4 0.4	Turbidity NTU 0.14 0.19 0.15	8.2 8.2 8.0		Location	Date 06/02/15 06/09/15 06/16/15	Free Chlorine mg/L 0.5 0.4 0.4	Turbidity NTU 0.13 0.18 0.17	7.8 7.8 7.8	
Location	Date 04/01/15 04/07/15 04/08/15 04/14/15 04/21/15 04/29/15	Free Chlorine (mg/L)  0.6  0.5  0.6  0.8  0.5	Turbidity (NTU)  0.18  0.12  0.13  0.12  0.14  0.22	7.8 7.8 7.9 7.9 7.9 8.0	Location	Date 05/05/15 05/12/15 05/19/15 05/26/15	Free Chlorine mg/L 0.4 0.3 0.3	Turbidity NTU 0.14 0.19 0.15 0.14	8.2 8.2 8.0 7.8		Location	Date  06/02/15 06/09/15 06/09/15 06/16/15 06/24/15 06/30/15	Free Chlorine mg/L 0.5 0.4 0.4 0.6 0.5	Turbidity NTU 0.13 0.18 0.17 0.14 0.13	7.8 7.8 7.8 7.7 7.7	
Location  Chatham Avenue	Date 04/01/15 04/07/15 04/08/15 04/14/15 04/21/15	Free Chlorine (mg/L) 0.6 0.5 0.5 0.6 0.8	Turbidity (NTU)  0.18  0.12  0.13  0.12  0.14	7.8 7.8 7.9 7.9 7.9	Location  Chatham Avenue	Date 05/05/15 05/12/15 05/19/15	Free Chlorine mg/L 0.4 0.4	Turbidity NTU 0.14 0.19 0.15	8.2 8.2 8.0		Location  Chatham Avenue	Date  06/02/15 06/09/15 06/16/15 06/24/15	Free Chlorine mg/L 0.5 0.4 0.4 0.6	Turbidity NTU 0.13 0.18 0.17 0.14	7.8 7.8 7.8 7.7	
Location	Date  04/01/15 04/07/15 04/08/15 04/14/15 04/21/15 04/29/15 04/01/15 04/07/15 04/01/15	Free Chlorine (mg/L)  0.6  0.5  0.5  0.6  0.8  0.5  0.9  1.0  0.7	Turbidity (NTU)  0.18  0.12  0.13  0.12  0.14  0.22  0.13  0.12  0.15	7.8 7.8 7.9 7.9 7.9 8.0 7.6 7.3 7.4	Location	Date  05/05/15 05/12/15 05/19/15 05/26/15  05/05/15 05/05/15 05/12/15	Free Chlorine mg/L 0.4 0.3 0.3 0.7 0.6 0.6	Turbidity NTU  0.14  0.19  0.15  0.14  0.20  0.20  0.16	8.2 8.2 8.0 7.8 7.6 8.0 7.9		Location	Date  06/02/15 06/09/15 06/09/15 06/16/15 06/30/15 06/02/15 06/02/15 06/09/15 06/16/15	Free Chlorine mg/L 0.5 0.4 0.4 0.6 0.5 0.7 0.6 0.6	Turbidity NTU  0.13  0.18  0.17  0.14  0.13  0.24  0.18  0.18	7.8 7.8 7.8 7.7 7.7 7.7 7.5 7.7	
Location  Chatham Avenue  Peel Street	Date  04/01/15 04/07/15 04/08/15 04/08/15 04/14/15 04/21/15 04/29/15 04/01/15 04/07/15 04/01/15 04/01/15	Free Chlorine (mg/L)  0.6  0.5  0.6  0.8  0.9  1.0	Turbidity (NTU)  0.18  0.12  0.13  0.12  0.14  0.22  0.13  0.12  0.15  0.13	7.8 7.8 7.9 7.9 7.9 8.0 7.6 7.3 7.4 7.5	Location  Chatham Avenue  Peel Street	Date  05/05/15 05/12/15 05/19/15 05/26/15  05/05/15 05/05/15	Free Chlorine mg/L 0.4 0.3 0.3 0.3	Turbidity NTU 0.14 0.19 0.15 0.14 0.20 0.20	8.2 8.2 8.0 7.8 7.6 8.0		Location  Chatham Avenue  Peel Street	Date  06/02/15 06/09/15 06/16/15 06/30/15 06/30/15 06/02/15 06/09/15 06/16/15 06/24/15	Free Chlorine mg/L 0.5 0.4 0.6 0.5 0.7 0.6	Turbidity NTU  0.13  0.18  0.17  0.14  0.13  0.24  0.18	7.8 7.8 7.8 7.7 7.7 7.7 7.5 7.7 7.6 7.6	
Location  Chatham Avenue  Peel Street	Date  04/01/15 04/07/15 04/08/15 04/14/15 04/21/15 04/29/15 04/07/15 04/07/15 04/14/15 04/21/15 04/21/15 04/21/15 04/01/15	Free Chlorine (mg/L) 0.6 0.5 0.5 0.6 0.8 0.5 0.9 1.0 0.7 0.9 0.6 0.3	Turbidity (NTU)  0.18  0.12  0.13  0.12  0.14  0.22  0.13  0.12  0.15  0.25  0.26	7.8 7.8 7.9 7.9 7.9 8.0 7.6 7.3 7.4	Location  Chatham Avenue  Peel Street	Date  05/05/15  05/12/15  05/19/15  05/26/15  05/05/15  05/05/15  05/12/15  05/26/15  05/26/15	Free Chlorine mg/L 0.4 0.4 0.3 0.3 0.7 0.6 0.6 0.6 0.6 0.6	Turbidity NTU 0.14 0.19 0.15 0.14 0.20 0.20 0.16 0.15	8.2 8.2 8.0 7.8 7.6 8.0 7.9 7.7		Location  Chatham Avenue  Peel Street	Date  06/02/15 06/09/15 06/16/15 06/24/15 06/02/15 06/02/15 06/02/15 06/02/15 06/03/15 06/30/15 06/30/15	Free Chlorine mg/L 0.5 0.4 0.4 0.6 0.5 0.7 0.6 0.6 0.6 0.6 0.8 0.8	Turbidity NTU  0.13  0.18  0.17  0.14  0.13  0.18  0.18  0.18  0.18  0.17  0.20	7.8 7.8 7.8 7.7 7.7 7.7 7.5 7.5 7.6 7.6 7.6 7.5	
Location  Chatham Avenue  Peel Street	Date  04/01/15 04/07/15 04/08/15 04/14/15 04/21/15 04/29/15 04/07/15 04/21/15 04/21/15 04/21/15 04/21/15 04/29/15 04/07/15	Free Chlorine (mg/L) 0.6 0.5 0.5 0.6 0.8 0.5 0.9 0.7 0.9 0.6 0.8	Turbidity (NTU)  0.18  0.12  0.13  0.12  0.14  0.22  0.13  0.12  0.15  0.13  0.25  0.26  0.21	7.8 7.8 7.9 7.9 7.9 8.0 7.6 7.3 7.4 7.5 7.8 7.6 7.6	Location  Chatham Avenue  Peel Street	Date  05/05/15 05/12/15 05/19/15 05/26/15  05/05/15 05/12/15 05/12/15 05/26/15  05/05/15 05/26/15	Free Chlorine mg/L 0.4 0.3 0.3 0.7 0.6 0.6 0.6 0.6 0.3	Turbidity NTU 0.14 0.19 0.15 0.14 0.19 0.10 0.10 0.10 0.10 0.11 0.11	8.2 8.2 8.0 7.8 7.6 8.0 7.7 7.7 7.7		Location  Chatham Avenue  Peel Street	Date 06/02/15 06/09/15 06/09/15 06/16/15 06/30/15 06/02/15 06/02/15 06/24/15 06/30/15 06/02/15 06/02/15 06/02/15	Free Chlorine mg/ L 0.5 0.4 0.4 0.6 0.5 0.7 0.6 0.6 0.6 0.6 0.6 0.6 0.8 0.2	Turbidity NTU 0.13 0.18 0.17 0.14 0.13 0.24 0.18 0.18 0.13 0.17 0.20 0.25	7.8 7.8 7.8 7.7 7.7 7.7 7.5 7.7 7.6 7.6 7.6 7.5	
Location  Chatham Avenue  Peel Street Liftstation	Date  04/01/15 04/07/15 04/08/15 04/14/15 04/21/15 04/29/15 04/07/15 04/07/15 04/14/15 04/21/15 04/21/15 04/21/15 04/01/15	Free Chlorine (mg/L) 0.6 0.5 0.5 0.6 0.8 0.5 0.9 1.0 0.7 0.9 0.6 0.3	Turbidity (NTU)  0.18  0.12  0.13  0.12  0.14  0.22  0.13  0.12  0.15  0.25  0.26	7.8 7.8 7.9 7.9 7.9 8.0 7.6 7.3 7.4 7.5 7.8	Location  Chatham Avenue  Peel Street Lifstation	Date  05/05/15  05/12/15  05/19/15  05/26/15  05/05/15  05/05/15  05/12/15  05/26/15  05/26/15	Free Chlorine mg/L 0.4 0.4 0.3 0.3 0.7 0.6 0.6 0.6 0.6 0.6	Turbidity NTU 0.14 0.19 0.15 0.14 0.20 0.20 0.16 0.15	8.2 8.2 8.0 7.8 7.6 8.0 7.9 7.7		Location  Chatham Avenue  Peel Street Liftstation	Date  06/02/15 06/09/15 06/16/15 06/24/15 06/02/15 06/02/15 06/02/15 06/02/15 06/03/15 06/30/15 06/30/15	Free Chlorine mg/L 0.5 0.4 0.4 0.6 0.5 0.7 0.6 0.6 0.6 0.6 0.8 0.8	Turbidity NTU  0.13  0.18  0.17  0.14  0.13  0.18  0.18  0.18  0.18  0.17  0.20	7.8 7.8 7.8 7.7 7.7 7.7 7.5 7.5 7.6 7.6 7.6 7.5	
Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  04/01/15 04/07/15 04/08/15 04/08/15 04/08/15 04/21/15 04/21/15 04/07/15 04/07/15 04/07/15 04/14/15 04/21/15 04/21/15 04/14/15 04/14/15 04/14/15	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.9 1.0 0.7 0.9 0.6 0.8 0.5 0.9 1.0 0.7 0.9 0.6 0.3 0.3 0.3 0.3 0.3	Turbidity (NTU)  0.18  0.12  0.13  0.12  0.14  0.22  0.13  0.12  0.15  0.13  0.25  0.26  0.21  0.33  0.22  0.24	7.8 7.8 7.9 7.9 7.9 8.0 7.6 7.3 7.4 7.5 7.8 7.6 7.7 7.7	Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  05/05/15 05/12/15 05/12/15 05/26/15  05/26/15  05/05/15 05/12/15 05/15/15 05/26/15 05/26/15 05/26/15 05/26/15	Free Chlorine mg/L 0.4 0.4 0.3 0.3 0.5 0.6 0.6 0.6 0.6 0.3 0.3 0.3 0.4 0.4	Turbidity NTU 0.14 0.19 0.15 0.14 0.20 0.20 0.16 0.15 0.17 0.19 0.22 0.27	8.2 8.2 8.0 7.8 7.6 8.0 7.7 7.7 7.7 7.9 7.8 7.6		Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  06/02/15 06/09/15 06/16/15 06/16/15 06/30/15 06/02/15 06/30/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15	Free Chlorine mg/L 0.5 0.4 0.4 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Turbidity NTU 0.13 0.18 0.17 0.14 0.14 0.18 0.18 0.18 0.18 0.19 0.20 0.25 0.20 0.14 0.19	7.8 7.8 7.8 7.7 7.7 7.7 7.5 7.7 7.6 7.6 7.6 7.6 7.5 7.7	
Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  04/01/15 04/07/15 04/07/15 04/08/15 04/14/15 04/21/15 04/01/15 04/01/15 04/01/15 04/01/15 04/01/15 04/01/15 04/01/15 04/01/15 04/01/15 04/01/15 04/01/15	Free Chlorine (mg/L) 0.6 0.5 0.5 0.6 0.8 0.5 0.9 1.0 0.7 0.9 0.6 0.3 0.8 0.2 0.3 0.9	Turbidity (NTU)  0.18  0.12  0.13  0.12  0.14  0.22  0.13  0.15  0.15  0.16  0.25  0.26  0.21  0.33  0.22  0.24  0.12	7.8 7.9 7.9 7.9 8.0 7.6 7.3 7.4 7.5 7.8 7.6 7.6 7.7 7.7 7.7	Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  05/05/15 05/12/15 05/12/15 05/19/15 05/26/15  05/05/15 05/12/15 05/12/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15	D Samp Free Chlorine mg/L 0.4 0.4 0.3 0.3 0.7 0.6 0.6 0.6 0.6 0.3 0.3 0.4	Turbidity NTU 0.14 0.19 0.15 0.14 0.20 0.20 0.16 0.15 0.17 0.19 0.22 0.27	8.2 8.2 8.0 7.8 7.6 8.0 7.9 7.7 7.7 7.9 7.8 7.6		Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  0e/02/15 0e/09/15 0e/09/15 0e/10/16 0e/24/15 0e/30/15	Free Chlorine mg/L 0.5 0.4 0.4 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Turbidity NTU 0.13 0.18 0.17 0.14 0.13 0.18 0.17 0.14 0.18 0.18 0.18 0.19 0.17 0.20 0.25 0.20 0.14 0.19 0.74	7.8 7.8 7.7 7.7 7.7 7.5 7.6 7.6 7.6 7.5 7.7 7.8	
Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  04/01/15 04/07/15 04/08/15 04/08/15 04/08/15 04/21/15 04/21/15 04/07/15 04/07/15 04/07/15 04/14/15 04/21/15 04/21/15 04/14/15 04/14/15 04/14/15	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.9 1.0 0.7 0.9 0.6 0.8 0.5 0.9 1.0 0.7 0.9 0.6 0.3 0.3 0.3 0.3 0.3	Turbidity (NTU)  0.18  0.12  0.13  0.12  0.14  0.22  0.13  0.12  0.15  0.13  0.25  0.26  0.21  0.33  0.22  0.24	7.8 7.8 7.9 7.9 7.9 8.0 7.6 7.3 7.4 7.5 7.8 7.6 7.7 7.7	Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  05/05/15 05/12/15 05/12/15 05/26/15  05/26/15  05/05/15 05/12/15 05/15/15 05/26/15 05/26/15 05/26/15 05/26/15	Free Chlorine mg/L 0.4 0.4 0.3 0.3 0.5 0.6 0.6 0.6 0.6 0.3 0.3 0.3 0.4 0.4	Turbidity NTU 0.14 0.19 0.15 0.14 0.20 0.20 0.16 0.15 0.17 0.19 0.22 0.27	8.2 8.2 8.0 7.8 7.6 8.0 7.7 7.7 7.7 7.9 7.8 7.6		Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater	Date  06/02/15 06/09/15 06/16/15 06/16/15 06/30/15 06/02/15 06/30/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15	Free Chlorine mg/L 0.5 0.4 0.4 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Turbidity NTU 0.13 0.18 0.17 0.14 0.14 0.18 0.18 0.18 0.18 0.19 0.20 0.25 0.20 0.14 0.19	7.8 7.8 7.8 7.7 7.7 7.7 7.5 7.7 7.6 7.6 7.6 7.6 7.5 7.7	
Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  04/01/15  04/07/15  04/08/15  04/14/15  04/14/15  04/14/15  04/14/15  04/14/15  04/14/15  04/14/15  04/14/15  04/14/15  04/14/15  04/14/15  04/14/15  04/14/15  04/07/15  04/07/15  04/07/15  04/07/15  04/07/15  04/07/15  04/07/15  04/07/15  04/07/15	Free Chlorine (mg/L) 0.6 0.5 0.5 0.6 0.8 0.5 0.9 1.0 0.7 0.9 0.6 0.3 0.3 0.3 0.3 0.7 0.7 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	Urbidity (NTU)  0.18  0.12  0.13  0.12  0.14  0.22  0.13  0.12  0.15  0.13  0.25  0.26  0.21  0.33  0.22  0.24  0.12  0.17  0.30  0.18	7.8 7.9 7.9 7.9 7.9 8.0 7.6 7.3 7.4 7.5 7.6 7.6 7.7 7.7 7.7 7.7 7.8 7.9 9.7.6	Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  05/05/15 05/12/15 05/12/15 05/12/15 05/12/15 05/26/15  05/05/15 05/12/15 05/26/15 05/05/15 05/12/15 05/12/15 05/26/15	D Samp Free Chlorine mg/L 0.4 0.4 0.3 0.3 0.7 0.6 0.6 0.6 0.6 0.3 0.3 0.3 0.4 0.4 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	Turbidity NTU 0.14 0.19 0.15 0.14 0.20 0.20 0.16 0.15 0.17 0.19 0.22 0.27	8.2 8.2 8.0 7.8 7.6 8.0 7.9 7.7 7.7 7.9 7.8 7.6 8.8 8.8		Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  06/02/15 06/09/15 06/09/15 06/16/15 06/30/15 06/30/15 06/02/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15	Free Chlorine mg/L	Turbidity NTU 0.13 0.18 0.17 0.14 0.13 0.18 0.17 0.24 0.18 0.17 0.20 0.25 0.20 0.14 0.19 0.74 0.12 0.12 0.12 0.12	7.8 7.8 7.8 7.7 7.7 7.5 7.7 7.6 7.6 7.6 7.6 7.7 7.7 7.8 7.7 7.7 7.9	
Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  04/01/15  04/07/15  04/08/15  04/18/15  04/18/15  04/21/15  04/21/15  04/07/15  04/21/15  04/21/15  04/21/15  04/21/15  04/21/15  04/21/15  04/07/15  04/07/15  04/14/15  04/07/15  04/14/15  04/07/15  04/07/15  04/07/15	Free Chlorine (mg/L) 0.6 0.5 0.5 0.6 0.8 0.5 0.9 1.0 0.7 0.9 0.6 0.3 0.8 0.2 0.3 0.9 0.7 0.1 1.0 0.9 0.6 0.3 0.8 0.2 0.3 0.9 0.7 0.1 0.0 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	Turbidity (NTU)  0.18  0.12  0.13  0.12  0.14  0.22  0.13  0.12  0.15  0.13  0.25  0.26  0.21  0.33  0.22  0.24  0.17  0.30  0.18	7.8 7.9 7.9 7.9 7.9 8.0 7.6 7.3 7.5 7.8 7.6 7.7 7.7 7.7 7.7 7.9 8.9 9.9 9.9 9.9 9.9 9.9 9.9 9.9 9.9 9	Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  05/05/15 05/12/15 05/12/15 05/19/15 05/26/15  05/05/15 05/26/15  05/05/15 05/26/15  05/05/15 05/26/15 05/26/15 05/26/15 05/26/15	The Samp  Free Chlorine mg/L 0.4 0.4 0.3 0.3 0.7 0.6 0.6 0.6 0.6 0.6 0.3 0.3 0.4 0.3 0.1	Turbidity NTU  0.14 0.19 0.15 0.14  0.20 0.20 0.16 0.16 0.17 0.19 0.22 0.27 0.29 0.19 0.20 0.19 0.20 0.10	8.2 8.2 8.0 7.8 7.6 8.0 7.9 7.7 7.7 7.7 7.9 7.8 8.8 8.9 8.2		Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date 0s/02/15 0s/09/15 0s/09/15 0s/09/15 0s/16/15 0s/16/15 0s/02/15	Free Chlorine mg/L 0.5 0.4 0.6 0.5 0.7 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Turbidity NTU  0.13 0.18 0.17 0.14 0.13  0.18 0.19 0.24 0.18 0.18 0.19 0.25 0.20 0.25 0.20 0.14 0.19 0.74 0.14 0.12 0.12 0.12 0.13	7.8 7.8 7.8 7.7 7.7 7.5 7.6 7.6 7.6 7.6 7.7 7.7 7.7 7.7 7.9 7.9 7.9	
Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  04/01/15  04/07/15  04/08/15  04/14/15  04/14/15  04/14/15  04/14/15  04/14/15  04/14/15  04/14/15  04/14/15  04/14/15  04/14/15  04/14/15  04/14/15  04/14/15  04/07/15  04/07/15  04/07/15  04/07/15  04/07/15  04/07/15  04/07/15  04/07/15  04/07/15	Free Chlorine (mg/L) 0.6 0.5 0.5 0.6 0.8 0.5 0.9 1.0 0.7 0.9 0.6 0.3 0.3 0.3 0.3 0.7 0.7 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	Urbidity (NTU)  0.18  0.12  0.13  0.12  0.14  0.22  0.13  0.12  0.15  0.13  0.25  0.26  0.21  0.33  0.22  0.24  0.12  0.17  0.30  0.18	7.8 7.9 7.9 7.9 7.9 8.0 7.6 7.3 7.4 7.5 7.6 7.6 7.7 7.7 7.7 7.7 7.8 7.9 9.7.6	Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  05/05/15 05/12/15 05/12/15 05/19/15 05/26/15  05/05/15 05/26/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15	D Samp Free Chlorine mg/L 0.4 0.4 0.3 0.3 0.7 0.6 0.6 0.6 0.6 0.3 0.3 0.4 0.3 0.3	0.14 0.19 0.15 0.14 0.20 0.20 0.16 0.15 0.17 0.19 0.22 0.27 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.12	8.2 8.2 8.0 7.8 7.6 8.0 7.9 7.7 7.7 7.9 7.8 7.6 8.8 8.8 8.9 8.2		Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  06/02/15 06/09/15 06/09/15 06/16/15 06/30/15 06/30/15 06/02/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15	Free Chlorine mg/L	Turbidity NTU 0.13 0.18 0.17 0.14 0.13 0.18 0.17 0.24 0.18 0.17 0.20 0.25 0.20 0.14 0.19 0.74 0.12 0.12 0.12 0.12	7.8 7.8 7.8 7.7 7.7 7.5 7.7 7.6 7.6 7.6 7.6 7.7 7.7 7.8 7.7 7.7 7.9	
Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  04/01/15  04/07/15  04/08/15  04/14/15  04/14/15  04/21/15  04/21/15  04/07/15	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.5 0.9 1.0 0.7 0.9 0.6 0.3 0.8 0.2 0.2 0.3 0.9 0.7 0.1 1.0 0.7 0.9 0.6 0.3 0.8 0.9 0.9 0.7 0.1 0.0 0.4 0.6 0.9 0.7 0.1 0.9 0.9 0.9 0.7 0.1 0.9 0.9 0.9 0.7 0.1 0.9 0.9 0.9 0.9 0.9 0.7 0.1 0.0 0.4 0.6 0.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	Turbidity (NTU)  0.18 0.12 0.13 0.12 0.14 0.12 0.14 0.12 0.15 0.13 0.12 0.15 0.13 0.25 0.26 0.21 0.33 0.22 0.14 0.12 0.15 0.15 0.15 0.18 0.25 0.26 0.21 0.31	7.8 7.9 7.9 7.9 8.0 7.6 7.3 7.4 7.5 7.6 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.8 9.9 9.8.9	Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date  05/05/15 05/12/15 05/12/15 05/19/15 05/19/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/12/15 05/12/15 05/19/15 05/12/15 05/19/15 05/12/15 05/19/15	1 Samp Free Chlorine mg/L 0.4 0.4 0.3 0.3 0.7 0.6 0.6 0.6 0.6 0.6 0.3 0.3 0.3 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.4 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Turbidity NTU  0.14 0.19 0.15 0.14 0.19 0.16 0.17 0.19 0.19 0.20 0.16 0.15 0.17 0.19 0.22 0.27 0.19 0.20 0.18	8.2 8.2 8.0 7.8 7.6 8.0 7.9 7.7 7.7 7.9 7.8 8.8 8.9 8.2 8.7		Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	Date 06/02/15 06/09/15 06/09/15 06/16/15 06/16/15 06/09/15 06/30/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15 06/09/15 06/09/15 06/02/15 06/02/15 06/09/15	Free Chlorine mg/L 0.5 0.5 0.4 0.6 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Turbidity NTU  0.13 0.18 0.17 0.14 0.13 0.18 0.18 0.18 0.18 0.18 0.18 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	7.8 7.8 7.8 7.7 7.7 7.5 7.7 7.6 7.6 7.6 7.6 7.7 7.7 7.7 7.7 7.9 7.9 7.9 7.9 7.9	
Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard	Date  04/01/15 04/07/15 04/08/15 04/08/15 04/18/15 04/21/15	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.5 0.6 0.8 0.5 0.9 0.7 0.9 0.6 0.3 0.3 0.9 0.7 0.1 0.0 0.4 0.6 0.8 0.2 0.3 0.9 0.7 0.9 0.6 0.8 0.8 0.2 0.3 0.9 0.7 0.1 0.0 0.4 0.6 0.8 0.8 0.4 0.4 0.4 0.8 0.4 0.4	Turbidity (NTU)  0.18 0.12 0.13 0.12 0.14 0.22 0.13 0.12 0.15 0.13 0.12 0.15 0.13 0.12 0.15 0.13 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	7.8 7.9 7.9 7.9 8.0 7.3 7.4 7.5 7.8 7.6 7.7 7.7 7.7 7.6 7.8 7.9 8.9 7.6 8.9 7.6 8.9 7.6	Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard	Date  05/05/15 05/12/15 05/12/15 05/19/15 05/19/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15	Samp Free Chlorine mg/L 0.4 0.4 0.3 0.3 0.7 0.6 0.6 0.6 0.6 0.6 0.3 0.4 0.3 0.3 0.1 0.4 0.3 0.3 0.4 0.3 0.4 0.3 0.4 0.3 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 0.4 0.3 0.4 0.4 0.3 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	Turbidity NTU  0.14 0.19 0.15 0.14 0.20 0.20 0.16 0.17 0.19 0.22 0.27 0.19 0.20 0.12 0.18 0.19 0.20 0.19 0.20 0.10 0.10 0.10 0.10 0.10 0.10 0.10	8.2 8.2 8.0 7.8 8.0 7.9 7.7 7.7 7.9 7.8 7.6 8.8 8.9 8.2 8.7		Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard	Date 06/02/15 06/09/15 06/09/15 06/16/15 06/23/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15 06/02/15	Free Chlorine mg/L 0.5 0.4 0.4 0.6 0.5 0.7 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Turbidity NTU 0.13 0.18 0.17 0.14 0.13 0.18 0.18 0.19 0.17 0.20 0.25 0.20 0.25 0.20 0.14 0.19 0.74 0.14 0.12 0.13 0.19 0.79 0.70 0.70 0.70 0.70 0.70 0.70 0.7	7.8 7.8 7.8 7.7 7.7 7.5 7.7 7.6 7.6 7.6 7.6 7.7 7.7 7.9 7.9 7.9 7.9 8.0 8.0 8.1	
Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard	Date  04/01/15 04/07/15 04/08/15 04/08/15 04/14/15 04/21/15 04/22/15 04/07/15 04/07/15 04/07/15 04/07/15 04/07/15 04/07/15 04/07/15 04/07/15 04/07/15 04/07/15 04/07/15 04/07/15 04/07/15 04/07/15 04/07/15 04/07/15	Free Chlorine (mg/L) 0.6 0.5 0.6 0.5 0.5 0.9 1.0 0.7 0.9 0.6 0.3 0.8 0.2 0.3 0.9 0.7 0.1 1.0 0.4 0.6 0.8 0.2 0.3 0.9 0.7 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Turbidity (NTU)  0.18  0.12  0.13  0.12  0.14  0.22  0.13  0.15  0.15  0.13  0.25  0.21  0.24  0.17  0.30  0.18  0.19  0.19  0.19	7.8 7.9 7.9 7.9 8.0 7.6 7.3 7.4 7.5 7.6 7.6 7.7 7.7 7.7 7.6 7.8 7.9 8.9 7.9	Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard	Date  05/05/15 05/12/15 05/12/15 05/19/15 05/19/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15	Samp Free Chlorine mg/L 0.4 0.4 0.3 0.3 0.7 0.6 0.6 0.6 0.6 0.6 0.3 0.4 0.3 0.3 0.1 0.4 0.3 0.3 0.4 0.3 0.4 0.3 0.4 0.3 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 0.4 0.3 0.4 0.4 0.3 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	Turbidity NTU  0.14 0.19 0.15 0.14 0.20 0.20 0.16 0.17 0.19 0.22 0.27 0.19 0.20 0.12 0.18 0.19 0.20 0.19 0.20 0.10 0.10 0.10 0.10 0.10 0.10 0.10	8.2 8.2 8.0 7.8 8.0 7.9 7.7 7.7 7.9 7.8 7.6 8.8 8.9 8.2 8.7		Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard	Date 0s/02/15 0s/09/15 0s/09/15 0s/09/15 0s/09/15 0s/09/15 0s/09/15 0s/09/15 0s/09/15 0s/02/15 0s/09/15 0s/02/15	Free Chlorine mg/L 0.5 0.4 0.6 0.5 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Turbidity NTU  0.13 0.18 0.17 0.14 0.13 0.18 0.19 0.24 0.18 0.18 0.13 0.17 0.20 0.25 0.20 0.14 0.19 0.74 0.14 0.19 0.74 0.14 0.19 0.74 0.11 0.19 0.74 0.11 0.11 0.12 0.13 0.18	7.8 7.8 7.8 7.7 7.7 7.7 7.6 7.6 7.6 7.5 7.7 7.8 7.7 7.9 7.9 7.9 7.9 7.9 8.0	
Location  Chatham Avenue  Ped Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date 04/01/15 04/07/15 04/08/15 04/08/15 04/07/15 04/08/15 04/14/15	Free Chlorine (mg/L) 0.6 (mg/L) 0.6 0.5 0.6 0.8 0.5 0.9 1.0 0.7 0.9 1.0 0.6 0.3 0.8 0.2 0.3 0.9 0.7 0.1 0.0 0.6 0.3 0.8 0.2 0.3 0.9 0.7 0.1 0.0 0.6 0.3 0.9 0.7 0.1 0.0 0.6 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	Turbidity (NTU)  0.18 0.12 0.13 0.12 0.14 0.22 0.13 0.12 0.15 0.15 0.15 0.17 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	7.8 7.9 7.9 8.0 7.6 7.3 7.6 7.6 7.6 7.6 7.7 7.6 7.6 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.7 7.7	Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date  05/05/15 05/12/15 05/12/15 05/19/15 05/19/15 05/19/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15	1 Samp Free Chlorine mg/L 0.4 0.4 0.3 0.3 0.7 0.6 0.6 0.6 0.6 0.3 0.3 0.4 0.3 0.1 0.4 0.2 0.2 0.2 0.4 0.6 0.6 0.6 0.6 0.6 0.6 0.7 0.6 0.6 0.6 0.6 0.7 0.6 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.7 0.7 0.6 0.6 0.7 0.7 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	Turbidity NTU 0.14 0.19 0.15 0.15 0.14 0.20 0.20 0.20 0.16 0.15 0.17 0.19 0.22 0.27 0.19 0.19 0.44 0.30 0.22 0.30 0.12 0.14	8.2 8.2 8.0 7.8 8.0 7.6 8.0 7.7 7.7 7.7 7.9 7.8 8.8 8.9 8.2 8.7 8.1 8.2 8.1 7.8		Location  Chatham Avenue  Ped Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date 06/02/15 06/09/15 06/16/15 06/16/15 06/16/15 06/30/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15	Free Chlorine mg/L 0.5 0.4 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Turbidity NTU 0.13 0.18 0.17 0.14 0.13 0.24 0.18 0.19 0.13 0.17 0.14 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	7.8 7.8 7.8 7.7 7.7 7.7 7.7 7.6 7.6 7.6 7.6 7.6 7.7 7.7	
Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard	Date  04/01/15 04/07/15 04/08/15 04/07/15 04/08/15 04/27/15 04/27/15 04/27/15 04/27/15 04/27/15 04/27/15 04/27/15 04/07/15 04/27/15 04/07/15 04/27/15 04/07/15 04/27/15 04/07/15	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.5 0.6 0.8 0.5 0.9 0.7 0.9 0.6 0.3 0.8 0.2 0.7 0.9 0.6 0.3 0.8 0.2 0.3 0.9 0.7 0.1 0.0 0.6 0.8 0.2 0.7 0.1 0.0 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	Turbidity (NTU)  0.18 0.12 0.13 0.12 0.13 0.12 0.13 0.12 0.13 0.15 0.13 0.15 0.13 0.15 0.13 0.25 0.26 0.21 0.33 0.25 0.26 0.21 0.33 0.22 0.24 0.12 0.17 0.30 0.18 0.25 0.26 0.87 0.34 0.86 0.86 0.16 0.27	7.8 7.9 7.9 7.9 7.9 8.0 7.6 7.3 7.4 7.5 7.8 7.6 7.6 7.8 7.6 7.8 7.9 7.7 7.7 7.6 7.8 7.9 7.6 7.8 7.9 7.7 7.7 7.6 7.8 7.9 7.7 7.7 7.6 7.8 7.9 7.6 7.8 7.9 7.6 7.7 7.7 7.7 7.6 7.8 7.9 7.6 7.8 7.9 7.6 7.9 7.5 7.5 7.5 7.5 7.5 7.5	Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard	Date  05/05/15 05/12/15 05/12/15 05/12/15 05/26/15  05/05/15 05/26/15  05/05/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15	1 Samp Free Chlorine mg/L 0.4 0.3 0.3 0.3 0.7 0.6 0.6 0.6 0.6 0.6 0.3 0.3 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	Turbidity NTU  0.14 0.19 0.19 0.15 0.14 0.20 0.20 0.20 0.20 0.21 0.15 0.17 0.19 0.22 0.22 0.20 0.19 0.20 0.12 0.18 0.44 0.30 0.22 0.30 0.14 0.24 0.18	8.2 8.2 8.0 7.8 7.6 8.0 7.9 7.7 7.7 7.9 7.8 7.6 8.8 8.9 8.2 8.7 8.1 8.2 8.1 7.8		Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard	Date 06/02/15 06/09/15 06/10/15 06/16/15 06/16/15 06/16/15 06/02/15	Free Chlorine mg/L. 0.5 0.4 0.4 0.6 0.5 0.7 0.6 0.6 0.6 0.6 0.8 0.2 0.4 0.2 0.4 0.2 0.2 0.3 0.2 0.5 0.6 0.6 0.6 0.6 0.8 0.0 0.6 0.6 0.8 0.0 0.7 0.6 0.6 0.8 0.0 0.8 0.0 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	Turbidity NTU  0.13 0.18 0.17 0.14 0.13 0.24 0.18 0.18 0.17 0.20 0.25 0.20 0.14 0.19 0.74 0.19 0.74 0.12 0.13 0.19 0.73 0.19 0.74 0.10 0.19 0.74 0.10 0.10 0.11 0.11 0.12 0.13 0.19 0.74 0.10 0.19 0.74 0.10 0.10 0.11 0.11 0.11 0.12 0.13 0.19 0.93	7.8 7.8 7.8 7.7 7.7 7.7 7.7 7.6 7.6 7.6 7.6 7.7 7.7	
Location  Chatham Avenue  Ped Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date 04/01/15 04/07/15 04/08/15 04/08/15 04/07/15 04/08/15 04/14/15	Free Chlorine (mg/L) 0.6 (mg/L) 0.6 0.5 0.6 0.8 0.5 0.9 1.0 0.7 0.9 1.0 0.6 0.3 0.8 0.2 0.3 0.9 0.7 0.1 0.0 0.6 0.3 0.8 0.2 0.3 0.9 0.7 0.1 0.0 0.6 0.3 0.9 0.7 0.1 0.0 0.6 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	Turbidity (NTU)  0.18 0.12 0.13 0.12 0.14 0.22 0.13 0.12 0.15 0.15 0.15 0.17 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	7.8 7.9 7.9 8.0 7.6 7.3 7.6 7.6 7.6 7.6 7.7 7.6 7.6 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.7 7.7	Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date  05/05/15 05/12/15 05/12/15 05/19/15 05/19/15 05/19/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15 05/05/15	1 Samp Free Chlorine mg/L 0.4 0.4 0.3 0.3 0.7 0.6 0.6 0.6 0.6 0.3 0.3 0.4 0.3 0.1 0.4 0.2 0.2 0.2 0.4 0.6 0.6 0.6 0.6 0.6 0.6 0.7 0.6 0.6 0.6 0.6 0.7 0.6 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.7 0.6 0.6 0.7 0.7 0.6 0.6 0.7 0.7 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	Turbidity NTU 0.14 0.19 0.15 0.15 0.14 0.20 0.20 0.20 0.16 0.15 0.17 0.19 0.22 0.27 0.19 0.19 0.44 0.30 0.22 0.30 0.12 0.14	8.2 8.2 8.0 7.8 8.0 7.6 8.0 7.7 7.7 7.7 7.9 7.8 8.8 8.9 8.2 8.7 8.1 8.2 8.1 7.8		Location  Chatham Avenue  Ped Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date 06/02/15 06/09/15 06/16/15 06/16/15 06/16/15 06/30/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15 06/09/15	Free Chlorine mg/L 0.5 0.4 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Turbidity NTU 0.13 0.18 0.17 0.14 0.13 0.24 0.18 0.19 0.13 0.17 0.14 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	7.8 7.8 7.8 7.7 7.7 7.7 7.7 7.6 7.6 7.6 7.6 7.6 7.7 7.7	
Location  Chatham Avenue  Ped Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date  04/01/15 04/07/15 04/08/15 04/08/15 04/14/15 04/29/15 04/07/15	Free (mg/L) 0.6 0.5 0.5 0.5 0.6 0.8 0.5 0.7 0.9 0.6 0.3 0.3 0.8 0.2 0.3 0.9 0.7 0.1 0.0 0.4 0.6 0.8 0.4 0.6 0.8 0.9 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	Turbidity (NTU) 0.18 0.19 0.12 0.13 0.12 0.14 0.22 0.15 0.15 0.15 0.15 0.15 0.21 0.21 0.21 0.21 0.21 0.23 0.25 0.26 0.26 0.27 0.27 0.30 0.29 0.30 0.29 0.40 0.10 0.30 0.30 0.30 0.30 0.30 0.30 0.3	7.8 7.8 7.9 7.9 7.9 7.9 8.0 7.6 7.7 7.7 7.6 7.7 7.7 7.6 8.9 7.7 7.9 8.9 7.6 8.2 7.7 7.9 8.9 7.6 7.7 7.9 7.9 8.0 7.6 7.7 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9	Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date  05/05/15 05/12/15 05/12/15 05/19/15 05/26/15  05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15	1 Samp Free Chlorine mg/L 0.4 0.4 0.3 0.7 0.6 0.6 0.6 0.6 0.6 0.3 0.4 0.3 0.1 0.4 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Unbidity NTU 0.14 0.19 0.19 0.19 0.15 0.14 0.20 0.20 0.16 0.15 0.17 0.17 0.17 0.17 0.19 0.22 0.29 0.29 0.20 0.20 0.20 0.20 0.2	82 82 82 80 7.8 7.6 80 7.9 7.7 7.7 7.7 7.8 8.8 8.9 8.2 8.1 8.2 8.1 8.2 8.7 8.7 7.8 8.7 8.7 8.7 8.7 8.7 8.7 8.7		Location  Chatham Avenue  Ped Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date  0e/02/15 0e/09/15	Free Chlorine mg/L 0.5 0.4 0.4 0.4 0.5 0.7 0.6 0.6 0.6 0.6 0.8 0.8 0.2 0.4 0.4 0.4 0.2 0.2 0.2 0.5 0.5 0.5 0.5 0.6 0.6 0.6 0.6 0.7 0.7 0.6 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	Turbidity NTU 0.13 0.18 0.17 0.18 0.17 0.18 0.19 0.19 0.18 0.13 0.24 0.18 0.13 0.17 0.20 0.19 0.25 0.20 0.10 0.14 0.12 0.21 0.25 0.20 0.14 0.12 0.13 0.19 0.74 0.11 0.19 0.73 0.73 0.73 0.73 0.73 0.73 0.73 0.73	7.8 7.8 7.8 7.7 7.7 7.7 7.6 7.6 7.5 7.7 7.7 7.7 7.9 7.9 7.9 8.0 8.0 8.1 8.1 8.1 7.5 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7	
Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  04/01/15 04/07/15 04/08/15 04/07/15 04/08/15 04/14/15 04/21/15 04/07/15	Free Chlorine (mg/L) 0.6 (mg/L) 0.6 0.5 0.5 0.6 0.8 0.5 0.9 1.0 0.7 0.9 0.6 0.3 0.8 0.2 0.3 0.9 0.7 0.1 1.0 0.4 0.6 0.8 0.2 0.3 0.9 0.7 0.1 1.0 0.4 0.6 0.8 0.4 0.4 0.6 0.8 0.4 0.4 0.6 0.8 0.4 0.4 0.6 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	Turbidity (NTU) 0.18 0.12 0.13 0.12 0.13 0.12 0.14 0.14 0.15 0.15 0.15 0.13 0.12 0.21 0.21 0.21 0.21 0.21 0.21 0.21	7.8 7.8 7.9 7.9 7.9 7.9 7.0 7.6 8.0 7.4 7.5 7.6 7.7 7.7 7.6 8.2 7.7 7.8 8.9 7.6 8.2 7.7 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9	Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  05/05/15 05/12/15 05/12/15 05/12/15 05/12/15 05/12/15 05/15/15 05/12/15	D Samp Free Chlorine mg/L 0.4 0.4 0.3 0.3 0.7 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Turbidity NTU 0.14 0.19 0.19 0.15 0.20 0.20 0.16 0.15 0.17 0.27 0.19 0.20 0.27 0.19 0.20 0.22 0.10 0.19 0.20 0.11 0.11 0.11 0.15 0.17 0.17 0.17 0.17 0.15	82 82 82 80 78 76 80 79 77 77 79 78 8.9 8.9 8.7 8.1 8.2 8.7 7.8 8.1 7.8 7.7 7.8 7.8 7.8		Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  06/02/15  06/09/15  06/09/15  06/16/15  06/16/15  06/30/15  06/30/15  06/30/15  06/02/15	Free Chlorine mg/L 0.5 0.4 0.4 0.6 0.5 0.7 0.6 0.6 0.6 0.8 0.2 0.4 0.2 0.5 0.5 0.5 0.5 0.6 0.6 0.8 0.2 0.7 0.6 0.6 0.8 0.2 0.7 0.6 0.6 0.8 0.7 0.7 0.6 0.6 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	Turbidity NTU 0.13 0.18 0.17 0.18 0.19 0.19 0.13 0.18 0.13 0.19 0.18 0.13 0.17 0.20 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.1	7.8 7.8 7.8 7.7 7.7 7.7 7.5 7.6 7.6 7.6 7.7 7.7 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9	
Location  Chatham Avenue  Ped Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date  04/01/15 04/07/15 04/08/15 04/07/15 04/08/15 04/14/15 04/21/15 04/07/15	Free (mg/L) 0.6 0.5 0.5 0.5 0.6 0.8 0.5 0.7 0.9 0.6 0.3 0.3 0.8 0.2 0.3 0.9 0.7 0.1 0.0 0.4 0.6 0.8 0.4 0.6 0.8 0.9 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	Turbidity (NTU) 0.18 0.12 0.13 0.12 0.13 0.12 0.13 0.12 0.13 0.12 0.13 0.12 0.13 0.13 0.12 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.25 0.26 0.21 0.37 0.30 0.38 0.16 0.18 0.25 0.87 0.34 0.19 0.19 0.15 0.19 0.15 0.19 0.11 0.11 0.11 0.20	7.8 7.8 7.9 7.9 7.9 7.9 8.0 7.6 7.7 7.7 7.6 7.7 7.7 7.6 8.9 7.7 7.9 8.9 7.6 8.2 7.7 7.9 8.9 7.6 7.7 7.9 7.9 8.0 7.6 7.7 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9	Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date  05/05/15 05/12/15 05/12/15 05/19/15 05/26/15  05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15 05/26/15	1 Samp Free Chlorine mg/L 0.4 0.4 0.3 0.7 0.6 0.6 0.6 0.6 0.6 0.3 0.4 0.3 0.1 0.4 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Unbidity NTU 0.14 0.19 0.19 0.19 0.15 0.14 0.20 0.20 0.16 0.15 0.17 0.17 0.17 0.17 0.19 0.22 0.29 0.29 0.20 0.20 0.20 0.20 0.2	82 82 82 80 7.8 7.6 80 7.9 7.7 7.7 7.7 7.8 8.8 8.9 8.2 8.1 8.2 8.1 8.2 8.7 8.7 7.8 8.7 8.7 8.7 8.7 8.7 8.7 8.7		Location  Chatham Avenue  Ped Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	Date  06/02/15  06/02/15  06/09/15  06/16/15  06/16/15  06/30/15  06/30/15  06/30/15  06/30/15  06/30/15  06/30/15  06/02/15	Free Chlorine mg/L 0.5 0.4 0.4 0.4 0.5 0.7 0.6 0.6 0.6 0.6 0.8 0.8 0.2 0.4 0.4 0.4 0.2 0.2 0.2 0.5 0.5 0.5 0.5 0.6 0.6 0.6 0.6 0.7 0.7 0.6 0.7 0.7 0.8	Turbidity NTU 0.13 0.18 0.17 0.18 0.17 0.18 0.19 0.19 0.18 0.13 0.24 0.18 0.13 0.17 0.20 0.19 0.25 0.20 0.10 0.14 0.12 0.21 0.25 0.20 0.14 0.12 0.13 0.19 0.74 0.11 0.19 0.73 0.73 0.73 0.73 0.73 0.73 0.73 0.73	7.8 7.8 7.8 7.7 7.7 7.7 7.6 7.6 7.5 7.7 7.7 7.7 7.9 7.9 7.9 8.0 8.0 8.1 8.1 8.1 7.5 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7	
Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  04/01/15 04/07/15 04/08/15 04/08/15 04/27/15 04/28/15 04/21/15 04/27/15 04/07/15	Free Chlorine (mg/L) 0.6 0.5 0.5 0.5 0.5 0.6 0.8 0.5 0.9 1.0 0.7 0.9 0.6 0.3 0.3 0.3 0.3 0.3 0.9 0.7 0.1 1.0 0.4 0.6 0.9 0.7 0.7 0.1 1.0 0.4 0.6 0.9 0.8 0.4 0.6 0.9 0.8 0.7 0.7 0.7 0.9 0.8 0.7 0.7 0.9 0.8 0.7 0.9 0.8 0.7 0.9 0.8 0.7 0.9 0.8 0.7 0.9 0.8 0.7 0.9 0.8 0.7 0.9 0.8 0.7 0.9 0.8 0.7 0.9 0.8 0.7 0.9 0.8 0.7 0.9 0.8 0.7 0.9 0.8 0.7 0.9 0.8 0.7 0.9 0.8 0.7 0.9 0.8 0.7 0.9 0.8 0.7 0.9 0.8 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	Turbidity (NTU) 0.18 0.18 0.12 0.13 0.12 0.14 0.12 0.14 0.12 0.13 0.12 0.15 0.13 0.12 0.21 0.21 0.23 0.24 0.21 0.23 0.24 0.27 0.20 0.28 0.29 0.24 0.17 0.30 0.18 0.25 0.26 0.87 0.87 0.87 0.87 0.87 0.89 0.19 0.15 0.19 0.15 0.19 0.15 0.19 0.15 0.19 0.15 0.11 0.11 0.11 0.11 0.11 0.11 0.11	7.8 7.8 7.9 7.9 7.9 7.9 7.9 7.6 7.6 7.6 7.7 7.7 7.7 7.7 7.6 7.8 8.9 7.6 8.9 7.6 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9	Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  05/05/15 05/12/15 05/12/15 05/12/15 05/26/15  05/26/15	Samp Free Chlorine mg/L 0.4 0.3 0.3 0.7 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Turbidity NTU 0.14 0.19 0.19 0.15 0.10 0.10 0.10 0.15 0.16 0.15 0.17 0.19 0.20 0.20 0.20 0.19 0.20 0.20 0.20 0.19 0.20 0.19 0.20 0.11 0.10 0.11 0.11 0.11 0.11 0.11	82 82 82 78 76 80 77 77 77 79 88 7.6 8.7 8.7 8.8 8.7 7.7 8.8 8.7 8.7 8.7 8.7		Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  0s/02/15  0s/02/15  0s/09/15  0s/16/15  0s/24/15  0s/30/15	Free Chlorine mg/L. 0.5 0.4 0.4 0.6 0.5 0.7 0.6 0.6 0.6 0.6 0.8 0.2 0.4 0.2 0.4 0.2 0.5 0.6 0.6 0.6 0.6 0.6 0.7 0.7 0.6 0.6 0.7 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.6 0.6 0.7 0.7 0.7 0.6 0.7 0.7 0.7 0.6 0.7 0.7 0.7 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	Turbidity NTU 0.13 0.18 0.17 0.14 0.13 0.14 0.13 0.18 0.19 0.18 0.19 0.19 0.19 0.19 0.10 0.19 0.10 0.10	7.8 7.8 7.8 7.7 7.7 7.7 7.7 7.6 7.6 7.7 7.7 7.7 7.7	
Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  04/01/15 04/07/15 04/08/15 04/07/15 04/08/15 04/14/15 04/21/15 04/07/15	Free Chlorine (mg/L) 0.6 (mg/L) 0.6 0.5 0.6 0.8 0.5 0.6 0.8 0.5 0.9 0.9 0.9 0.7 0.9 0.6 0.3 0.8 0.2 0.3 0.9 0.7 0.1 1.0 0.6 0.8 0.7 0.7 0.9 0.6 0.7 0.7 0.9 0.6 0.7 0.7 0.9 0.8 0.7 0.7 0.7 0.9 0.8 0.7 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.9 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	Turbidity (NTU) 0.18 0.12 0.13 0.12 0.13 0.13 0.15 0.15 0.26 0.26 0.27 0.20 0.37 0.30 0.38 0.30 0.38 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.4	7.8 7.8 7.9 7.9 7.9 7.9 7.9 7.0 7.6 7.6 7.6 7.6 7.7 7.7 7.7 7.7 7.8 8.9 7.9 7.6 8.2 7.9 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  05/05/15 05/12/15 05/12/15 05/19/15 05/19/15 05/15/15	D Samp Free Chlorine mg/L 0.4 0.4 0.3 0.3 0.7 0.6 0.6 0.6 0.6 0.6 0.3 0.3 0.4 0.3 0.3 0.1 0.4 0.4 0.3 0.3 0.4 0.4 0.3 0.4 0.4 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.7 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Turbidity NTU 0.14 0.19 0.19 0.15 0.20 0.16 0.15 0.17 0.19 0.22 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.11 0.11 0.11 0.11 0.11 0.11 0.11	82 82 82 80 7.8 80 7.9 7.7 7.7 7.9 7.8 8.9 8.9 8.7 8.1 7.8 8.1 7.8 8.2 8.7 7.7 7.8 8.0 8.0 7.9 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0		Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  0e/02/15 0e/09/15 0e/16/15 0e/16/15 0e/16/15 0e/09/15 0e/16/15 0e/09/15	Free Chlorine mg/L 0.5 0.5 0.4 0.6 0.5 0.7 0.7 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.6 0.6 0.6 0.6 0.9 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	Turbidity NTU 0.13 0.18 0.17 0.21 0.23 0.24 0.24 0.21 0.25 0.20 0.37 0.37 0.37 0.30 0.37 0.37 0.30 0.37 0.37	7.8 7.8 7.8 7.7 7.7 7.7 7.7 7.6 7.6 7.7 7.7 7.7 7.7	
Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  04/01/15 04/07/15 04/08/15 04/07/15 04/08/15 04/21/15 04/21/15 04/07/15	Free Chlorine (mg/L) 0.6 (mg/L) 0.6 (0.5 (mg/L) 0.6 (0.5 (mg/L) 0.6 (0.5 (0.5 (mg/L) 0.6 (0.5 (0.5 (mg/L) 0.6 (0.5 (0.5 (0.5 (0.5 (0.5 (0.5 (0.5 (0.5	Turbidity (NTU)  0.18 0.12 0.13 0.12 0.14 0.14 0.15 0.15 0.15 0.25 0.26 0.21 0.21 0.21 0.21 0.21 0.21 0.25 0.26 0.26 0.27 0.21 0.37 0.30 0.38 0.36 0.46 0.47 0.49 0.19 0.13 0.13 0.19 0.13	7.8 7.8 7.9 7.9 7.9 7.9 7.0 7.6 8.0 7.7 7.5 7.7 7.7 7.7 7.7 7.7 7.8 8.2 7.7 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9	Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal	Date  05/05/15 05/12/15	Samp Free Chlorine mg/L 0.4 0.3 0.3 0.3 0.7 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Turbidity NTU 0.14 0.19 0.19 0.15 0.10 0.10 0.10 0.10 0.15 0.17 0.17 0.19 0.20 0.20 0.19 0.20 0.20 0.19 0.20 0.11 0.19 0.21 0.19 0.22 0.10 0.11 0.11 0.11 0.11 0.11 0.15	82 82 82 80 78 76 77 77 79 78 88 89 77 76 88 89 87 77 78 87 87 87 87 87 87 87 87 87 87		Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal	Date  06/02/15  06/09/15  06/10/15  06/10/15  06/10/15  06/10/15  06/02/15	Free Chlorine mg/L. 0.5 0.4 0.4 0.6 0.5 0.7 0.6 0.6 0.6 0.6 0.8 0.2 0.4 0.2 0.2 0.3 0.2 0.3 0.2 0.5 0.5 0.6 0.6 0.6 0.6 0.6 0.8 0.2 0.4 0.4 0.2 0.2 0.5 0.5 0.6 0.7 0.7 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	Turbidity NTU 0.13 0.18 0.17 0.18 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	7.8 7.8 7.8 7.7 7.7 7.7 7.7 7.6 7.6 7.6 7.7 7.7	
Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  04/01/15 04/07/15 04/08/15 04/07/15 04/08/15 04/14/15 04/21/15 04/07/15	Free Chlorine (mg/L) 0.6 (mg/L) 0.6 0.5 0.6 0.8 0.5 0.6 0.8 0.5 0.9 0.9 0.9 0.7 0.9 0.6 0.3 0.8 0.2 0.3 0.9 0.7 0.1 1.0 0.6 0.8 0.7 0.7 0.9 0.6 0.7 0.7 0.9 0.6 0.7 0.7 0.9 0.8 0.7 0.7 0.7 0.9 0.8 0.7 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.9 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	Turbidity (NTU) 0.18 0.12 0.13 0.12 0.13 0.13 0.15 0.15 0.26 0.26 0.27 0.20 0.37 0.30 0.38 0.30 0.38 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.4	7.8 7.8 7.9 7.9 7.9 7.9 7.9 7.0 7.6 7.6 7.6 7.6 7.7 7.7 7.7 7.7 7.8 8.9 7.9 7.6 8.2 7.9 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  05/05/15 05/12/15 05/12/15 05/19/15 05/19/15 05/15/15	D Samp Free Chlorine mg/L 0.4 0.4 0.3 0.3 0.7 0.6 0.6 0.6 0.6 0.6 0.3 0.3 0.4 0.3 0.3 0.1 0.4 0.4 0.3 0.3 0.4 0.4 0.3 0.4 0.4 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.7 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Turbidity NTU 0.14 0.19 0.19 0.15 0.20 0.16 0.15 0.17 0.19 0.22 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.11 0.11 0.11 0.11 0.11 0.11 0.11	82 82 82 80 7.8 80 7.9 7.7 7.7 7.9 7.8 8.9 8.9 8.7 8.1 7.8 8.1 7.8 8.2 8.7 7.7 7.8 8.0 8.0 7.9 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0		Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	Date  0e/02/15 0e/09/15 0e/16/15 0e/16/15 0e/16/15 0e/09/15 0e/16/15 0e/09/15	Free Chlorine mg/L 0.5 0.5 0.4 0.6 0.5 0.7 0.7 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.6 0.6 0.6 0.6 0.9 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	Turbidity NTU 0.13 0.18 0.17 0.21 0.23 0.24 0.24 0.21 0.25 0.20 0.37 0.37 0.37 0.30 0.37 0.37 0.30 0.37 0.37	7.8 7.8 7.8 7.7 7.7 7.7 7.7 7.6 7.6 7.7 7.7 7.7 7.7	
Location  Chatham Avenue  Peel Struct Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal	Date  04/01/15 04/07/15 04/08/15 04/07/15 04/08/15 04/21/15	Free Chlorine (mg/L) 0.6 0.6 0.5 0.5 0.5 0.6 0.8 0.5 0.7 0.9 0.6 0.3 0.9 0.7 0.1 0.0 0.4 0.6 0.8 0.2 0.3 0.9 0.7 0.7 0.9 0.6 0.8 0.7 0.7 0.9 0.7 0.1 0.0 0.8 0.9 0.7 0.7 0.1 0.0 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	Turbidity (NTU)  0.18 0.12 0.13 0.12 0.14 0.12 0.13 0.12 0.14 0.12 0.13 0.12 0.15 0.13 0.13 0.12 0.21 0.21 0.21 0.21 0.23 0.24 0.22 0.24 0.21 0.33 0.35 0.36 0.37 0.31 0.35 0.36 0.36 0.37 0.31 0.31 0.31 0.31 0.32 0.31 0.31 0.31 0.32 0.31 0.31 0.32 0.33 0.36 0.36 0.37 0.31 0.31 0.31 0.31 0.32 0.31 0.31 0.31 0.31 0.31 0.32 0.31 0.31 0.31 0.31 0.31 0.31 0.31 0.31	7.8 7.8 7.9 7.9 7.9 7.9 7.9 7.0 7.6 7.6 7.7 7.7 7.7 7.7 7.7 7.7 7.8 8.9 7.6 8.9 7.6 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9	Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal  Highway 19 PRV	Date  05/05/15 05/12/15 05/12/15 05/12/15 05/26/15  05/26/15	1 Samp Free Chlorine mg/L 0.4 0.4 0.3 0.3 0.7 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Turbidity NTU 0.14 0.19 0.19 0.19 0.15 0.14 0.20 0.20 0.20 0.16 0.15 0.17 0.19 0.22 0.27 0.19 0.20 0.12 0.27 0.19 0.19 0.21 0.19 0.11 0.11 0.11 0.11 0.11 0.11 0.1	8.2 8.2 8.2 7.8 8.0 7.9 7.7 7.7 7.9 8.8 7.6 8.1 8.2 8.7 7.7 7.8 8.9 8.2 8.7 7.7 7.7 8.9 8.0 7.9 8.0 7.9 7.9 8.0 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9		Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal	Date  0s/02/15  0s/02/15  0s/09/15  0s/16/15  0s/23/15  0s/30/15  0s/30/15	Free Chlorine mg/L. 0.5 0.4 0.4 0.6 0.5 0.7 0.6 0.6 0.6 0.6 0.8 0.2 0.4 0.4 0.2 0.2 0.3 0.2 0.5 0.6 0.6 0.6 0.6 0.8 0.2 0.4 0.2 0.4 0.2 0.2 0.5 0.5 0.6 0.6 0.6 0.6 0.6 0.7 0.7 0.6 0.7 0.7 0.4 0.6 0.7 0.7 0.4 0.6 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 0.8	Turbidity NTU 0.13 0.18 0.17 0.18 0.19 0.18 0.19 0.19 0.18 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	7.8 7.8 7.8 7.7 7.7 7.7 7.7 7.6 7.6 7.7 7.7 7.7 7.7	
Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal  Highway 19 PRV	Date  04/01/15 04/07/15 04/08/15 04/07/15 04/08/15 04/21/15 04/21/15 04/07/15	Free Chlorine (mg/L) 0.6 (mg/L) 0.6 (0.5 0.5 0.6 0.8 0.5 0.6 0.8 0.5 0.5 0.6 0.8 0.5 0.5 0.6 0.8 0.5 0.5 0.6 0.8 0.2 0.3 0.3 0.9 0.7 0.1 0.6 0.8 0.2 0.3 0.3 0.9 0.7 0.1 0.6 0.6 0.7 0.7 0.9 0.6 0.7 0.7 0.9 0.6 0.7 0.7 0.9 0.8 0.7 0.9 0.9 0.8 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	Turbidity (NTU) 0.18 0.12 0.13 0.12 0.13 0.13 0.15 0.15 0.26 0.26 0.27 0.20 0.21 0.33 0.25 0.26 0.27 0.39 0.39 0.39 0.39 0.39 0.39 0.39 0.39	7.8 7.8 7.9 7.9 7.9 7.9 7.9 7.0 7.6 7.6 7.6 7.6 7.7 7.7 7.7 7.6 8.9 7.6 7.6 8.2 7.7 7.9 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal  Highway 19 PRV	Date  05/05/15 05/12/15 05/12/15 05/19/15 05/12/15 05/19/15 05/05/15	Samp Free Chlorine mg/L 0.4 0.4 0.3 0.3 0.7 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.7 0.6 0.6 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	Turbidity NTU 0.14 0.19 0.15 0.15 0.10 0.20 0.16 0.15 0.17 0.19 0.22 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.20 0.19 0.21 0.18 0.44 0.30 0.44 0.30 0.44 0.30 0.44 0.30 0.44 0.30 0.44 0.30 0.44 0.30 0.44 0.30 0.44 0.30 0.44 0.30 0.44 0.30 0.44 0.30 0.44 0.30 0.44 0.30 0.44 0.49 0.40 0.40 0.40 0.40 0.40 0.4	82 82 82 80 7.8 80 7.9 7.7 7.7 7.9 7.8 8.9 8.7 8.1 7.8 8.2 8.7 7.7 7.8 8.2 8.7 7.7 7.8 8.0 8.0 8.0 7.7 7.7 7.9 8.0 8.0 8.0 8.0 8.0 7.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8		Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal  Highway 19 PRV	Date  0e/02/15 0e/09/15 0e/16/15	Free Chlorine mg/L. 0.5 0.4 0.4 0.6 0.5 0.7 0.7 0.6 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	Turbidity NTU 0.13 0.18 0.17 0.21 0.21 0.21 0.21 0.21 0.20 0.20 0.20	7.8 7.8 7.8 7.7 7.7 7.7 7.7 7.5 7.7 7.6 7.6 7.7 7.7 7.9 7.9 7.9 7.9 8.0 8.0 8.1 7.6 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7	
Location  Chatham Avenue  Peel Struct Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal	Date  04/01/15 04/07/15 04/08/15 04/07/15 04/08/15 04/27/15	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	Turbidity (NTU)  0.18 0.12 0.13 0.12 0.14 0.12 0.13 0.12 0.14 0.12 0.13 0.12 0.15 0.13 0.13 0.12 0.21 0.21 0.21 0.21 0.23 0.24 0.22 0.24 0.21 0.33 0.35 0.36 0.37 0.31 0.35 0.36 0.36 0.37 0.31 0.31 0.31 0.31 0.32 0.31 0.31 0.31 0.32 0.31 0.31 0.32 0.33 0.36 0.36 0.37 0.31 0.31 0.31 0.31 0.32 0.31 0.31 0.31 0.31 0.31 0.32 0.31 0.31 0.31 0.31 0.31 0.31 0.31 0.31	7.8 7.8 7.9 7.9 7.9 7.9 7.9 7.0 7.6 7.6 7.7 7.7 7.7 7.7 7.7 7.7 7.8 8.9 7.6 8.9 7.6 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9	Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal  Highway 19 PRV	Date  05/05/15 05/12/15	Samp Free Chlorine mg/L 0.4 0.3 0.3 0.3 0.7 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Turbidity NTU 0.14 0.19 0.19 0.19 0.15 0.14 0.20 0.20 0.20 0.16 0.15 0.17 0.19 0.22 0.27 0.19 0.20 0.12 0.27 0.19 0.19 0.21 0.19 0.11 0.11 0.11 0.11 0.11 0.11 0.1	8.2 8.2 8.2 7.8 8.0 7.9 7.7 7.7 7.9 8.8 7.6 8.1 8.2 8.7 7.7 7.8 8.9 8.2 8.7 7.7 7.7 8.9 8.0 7.9 8.0 7.9 7.9 8.0 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9		Location  Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal	Date  06/02/15  06/02/15  06/09/15  06/16/15  06/16/15  06/02/15	Free Chlorine mg/L. 0.5 0.4 0.4 0.6 0.5 0.7 0.6 0.6 0.6 0.6 0.8 0.2 0.4 0.4 0.2 0.2 0.3 0.2 0.5 0.6 0.6 0.6 0.6 0.8 0.2 0.4 0.2 0.4 0.2 0.2 0.5 0.5 0.6 0.6 0.6 0.6 0.6 0.7 0.7 0.6 0.7 0.7 0.4 0.6 0.7 0.7 0.4 0.6 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 0.8	Turbidity NTU 0.13 0.18 0.17 0.18 0.19 0.18 0.19 0.19 0.18 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	7.8 7.8 7.8 7.7 7.7 7.7 7.7 7.6 7.6 7.7 7.7 7.7 7.7	

	Ju	ly				Aug	gust				September				
Dis	tributio	n Samp	ling		Dis	tributio	n Samp	ling		Dis	tributio	n Samp	ling		
Location	Date	Free Chlorine	Turbidity NTU	pН	Location	Date	Free Chlorine	Turbidity NTU	pH	Location	Date	Free Chlorine	Turbidity NTU	pН	
	07/07/15	mg/L 0.6	0.14	7.9		08/04/15	mg/L 0.3	0.06	7.7		09/01/15	mg/L 0.3	0.17	7.7	
Chatham Avenue	07/14/15 07/22/15	0.4	0.12	7.8 7.8	Chatham Avenue	08/11/15 08/18/15	0.2	0.13	7.7 7.7	Chatham Avenue	09/08/15 09/15/15	0.4	0.12 0.11	7.9	
	07/28/15	0.1	0.13	7.8		08/27/15	0.4	0.12	7.7		09/23/15 09/29/15	0.4	0.19 0.15	7.9 7.9	
	07/07/15	0.7	0.20	7.8		08/04/15	0.6	0.11	7.6		09/01/15	0.4	0.27	7.2	
Peel Street	07/14/15 07/22/15	0.7 0.7	0.14 0.12	7.5 7.5	Peel Street	08/11/15 08/18/15	0.6	0.18 0.37	7.6 7.4	Peel Street	09/08/15 09/15/15	0.7	0.17 0.20	7.5 7.6	
Liftstation	07/28/15	0.5	0.20	7.4	Liftstation	08/27/15	0.6	0.46	7.5	Liftstation	09/22/15	0.8	0.28	7.7	
	07/07/15	0.2	0.19	7.7		08/04/15	0.1	0.18	7.6		09/29/15 09/01/15	0.6	0.12	7.6 7.5	
Airport Wastewater	07/14/15	0.2	0.27	7.9	Airport Wastewater	08/11/15	0.2	0.31	7.6	Airport Wastewater	09/08/15	0.3	0.18	7.5	
Treatment Plant	07/22/15 07/28/15	0.1	0.34	7.7	Treatment Plant	08/18/15 08/27/15	0.1	0.33	7.3 7.7	Treatment Plant	09/15/15 09/22/15	0.0	1.27 0.28	7.6 7.7	
	07/07/15	0.8	0.14	7.7		08/04/15	0.4	0.06	7.6		09/29/15 09/01/15	0.0	0.19 0.17	7.6 7.9	
	07/14/15	0.8	0.14	8.0		08/04/15	0.4	0.19	7.6		09/01/15	0.2	0.17	7.9 8.9	
Public Works Yard	07/22/15 07/28/15	0.4	0.14 0.14	8.0 8.6	Public Works Yard	08/18/15 08/27/15	0.2	0.12	7.8 7.8	Public Works Yard	09/15/15 09/23/15	0.2	0.09	8.4 8.3	
											09/29/15	0.3	0.14	7.8	
	07/07/15 07/14/15	0.5	0.14	7.7		08/04/15 08/11/15	0.2	0.21	7.5 7.7		09/08/15 09/15/15	0.2	0.52 1.96	8.6 7.9	
Eagleview School	07/22/15	0.3	0.13	7.7	Eagleview School	08/18/15	0.4	0.13	7.7	Eagleview School	09/23/15	0.2	0.23	8.2	
	07/28/15 07/07/15	0.2	0.20	7.4		08/27/15 08/04/15	0.5	0.15 0.19	7.7 7.5		09/29/15 09/01/15	0.1 0.5	0.21	8.3 7.6	
B . C . T	07/14/15	0.6	0.13	7.7	n	08/11/15	0.4	0.42	7.6		09/08/15	0.4	0.18	7.5	
Bear Cove Reservoir	07/22/15 07/28/15	0.5	0.16	7.6 7.4	Bear Cove Reservoir	08/18/15 08/27/15	0.5	0.24	7.6 7.5	Bear Cove Reservoir	09/15/15 09/23/15	0.5	0.15 0.18	7.6 7.6	
											09/29/15	0.5	0.14	7.5	
	07/07/15 07/14/15	0.7	0.13	7.6 7.5		08/04/15 08/11/15	0.2	0.09	7.5 7.6		09/01/15 09/08/15	0.4	0.22	7.5	
Ferry Terminal	07/22/15	0.5	0.21	7.5	Ferry Terminal	08/18/15	0.6	0.17	7.6	Ferry Terminal	09/15/15	0.1	0.12	7.5	
	07/28/15	0.3	0.17	7.4		08/27/15	0.6	0.26	7.5		09/23/15 09/29/15	0.2	0.14	7.6 7.6	
	07/07/15	0.9	0.23	7.7		08/04/15	0.9	0.15	7.4		09/01/15	0.7	0.21		
Highway 19 PRV	07/14/15 07/22/15	0.9	0.18 0.17	7.6 7.7	Highway 19 PRV	08/11/15 08/18/15	0.8 1.0	0.19	7.8 7.6	Highway 19 PRV	09/08/15 09/15/15	0.8 1.0	0.21	7.5 7.7	
	07/28/15	0.6	0.18	7.4		08/27/15	0.9	0.19	7.5		09/23/15	0.9	0.32	7.6	
Average		0.5	0.17	7.7	Average	2	0.4	0.21	7.6	Averag	09/29/15	0.8	0.39	7.8 7.8	
Minimur		0.1	0.17	7.4	Minimu		0.1	0.21	7.0	Minimu		0.0	0.09	7.2	
Maximu	m	0.9	0.34	8.6	Maximu	m	1.0	0.46	7.9	Maximu	m	1.0	1.96	8.9	
	Octo	hor				Nove	mbor				Dece	mbor			
Dis	tribution		ling		Dis	tribution		linσ		Dis	tributio		ling		
210		Free			D 13		Free			Dic	dire atto	_	11116		
Location	Date	C11.	Turbidity	* *	T							Free	T 1:19		
		Chlorine mg/I	NTU	pΗ	Location	Date	Chlorine mg/I	Turbidity NTU	pН	Location	Date	Chlorine	Turbidity NTU	pН	
	10/06/15	mg/L 0.4	0.11	7.8	Location	11/03/15	mg/L 0.6	NTU 0.11	7.9	Location	12/01/15	Chlorine mg/L 0.7	NTU 0.10	7.9	
Chatham Avenue	10/13/15	mg/L 0.4 0.5	0.11 0.11	7.8 7.9		11/03/15 11/10/15	mg/L 0.6 0.7	NTU 0.11 0.15	7.9 7.6		12/01/15 12/08/15	Chlorine mg/L 0.7 0.6	NTU 0.10 0.15	7.9 7.9	
Chatham Avenue		mg/L 0.4	0.11	7.8	Chatham Avenue	11/03/15	mg/L 0.6	NTU 0.11	7.9	Location  Chatham Avenue	12/01/15 12/08/15 12/15/15 12/22/15	Chlorine mg/L 0.7 0.6 0.5 0.6	0.10 0.15 0.16 0.13	7.9 7.9 7.9 7.8	
Chatham Avenue	10/13/15 10/20/15 10/27/15	mg/L 0.4 0.5 0.5 0.1	0.11 0.11 0.14 0.27	7.8 7.9 7.7 7.4		11/03/15 11/10/15 11/17/15 11/24/15	mg/L 0.6 0.7 0.4 0.6	NTU 0.11 0.15 0.12 0.14	7.9 7.6 7.9 7.5		12/01/15 12/08/15 12/15/15	Chlorine mg/L 0.7 0.6 0.5	0.10 0.15 0.16	7.9 7.9 7.9	
	10/13/15 10/20/15 10/27/15 10/06/15 10/13/15	mg/L 0.4 0.5 0.5 0.1 0.7 0.6	0.11 0.11 0.14 0.27 0.12 0.12	7.8 7.9 7.7 7.4 7.5 7.7	Chatham Avenue	11/03/15 11/10/15 11/17/15 11/24/15 11/03/15 11/10/15	mg/L 0.6 0.7 0.4 0.6 0.8 0.9	NTU 0.11 0.15 0.12 0.14 0.13 0.13	7.9 7.6 7.9 7.5 7.5	Chatham Avenue	12/01/15 12/08/15 12/15/15 12/22/15 12/29/15 12/01/15 12/08/15	Chlorine mg/L 0.7 0.6 0.5 0.6 0.6 0.8	NTU 0.10 0.15 0.16 0.13 0.25 0.15 0.10	7.9 7.9 7.9 7.8 7.7 7.6 8.0	
Chatham Avenue  Peel Street Liftstation	10/13/15 10/20/15 10/27/15 10/06/15 10/13/15 10/20/15	mg/L 0.4 0.5 0.5 0.1 0.7 0.6 0.6	0.11 0.11 0.14 0.27 0.12 0.12 0.11	7.8 7.9 7.7 7.4 7.5 7.7		11/03/15 11/10/15 11/17/15 11/24/15 11/03/15 11/10/15 11/17/15	mg/L 0.6 0.7 0.4 0.6	NTU 0.11 0.15 0.12 0.14 0.13 0.13 0.13	7.9 7.6 7.9 7.5 7.5 7.5 7.5		12/01/15 12/08/15 12/15/15 12/22/15 12/29/15 12/01/15 12/08/15 12/15/15	Chlorine mg/L 0.7 0.6 0.5 0.6 0.6 0.8 0.8	NTU 0.10 0.15 0.16 0.13 0.25 0.15 0.10 0.14	7.9 7.9 7.9 7.8 7.7 7.6 8.0 7.6	
Peel Street	10/13/15 10/20/15 10/27/15 10/27/15 10/06/15 10/13/15 10/20/15 10/27/15	mg/L 0.4 0.5 0.5 0.1 0.7 0.6 0.6 0.8	0.11 0.11 0.14 0.27 0.12 0.12 0.11 0.13	7.8 7.9 7.7 7.4 7.5 7.7 7.7 7.6	Chatham Avenue Peel Street	11/03/15 11/10/15 11/17/15 11/24/15 11/03/15 11/10/15 11/17/15 11/24/15	mg/L 0.6 0.7 0.4 0.6 0.8 0.9 0.7 0.7	NTU  0.11  0.15  0.12  0.14  0.13  0.13  0.13  0.14	7.9 7.6 7.9 7.5 7.5 7.5 7.5 7.5	Chatham Avenue Peel Street	12/01/15 12/08/15 12/15/15 12/22/15 12/29/15 12/01/15 12/08/15 12/15/15 12/22/15 12/29/15	Chlorine mg/L 0.7 0.6 0.5 0.6 0.6 0.8 0.8 0.8	NTU  0.10  0.15  0.16  0.13  0.25  0.15  0.10  0.14  0.15  0.24	7.9 7.9 7.9 7.8 7.7 7.6 8.0 7.6 7.7 7.4	
Peel Street Liftstation	10/13/15 10/20/15 10/27/15 10/06/15 10/13/15 10/20/15	mg/L 0.4 0.5 0.5 0.1 0.7 0.6 0.6	0.11 0.11 0.14 0.27 0.12 0.12 0.11	7.8 7.9 7.7 7.4 7.5 7.7	Chatham Avenue  Peel Street Liftstation	11/03/15 11/10/15 11/17/15 11/24/15 11/03/15 11/10/15 11/17/15	mg/L 0.6 0.7 0.4 0.6 0.8 0.9 0.7	NTU 0.11 0.15 0.12 0.14 0.13 0.13 0.13	7.9 7.6 7.9 7.5 7.5 7.5 7.5	Chatham Avenue  Peel Street Liftstation	12/01/15 12/08/15 12/15/15 12/22/15 12/29/15 12/01/15 12/08/15 12/15/15 12/22/15	Chlorine mg/L 0.7 0.6 0.5 0.6 0.6 0.8 0.8	NTU 0.10 0.15 0.16 0.13 0.25 0.15 0.10 0.14 0.15	7.9 7.9 7.9 7.8 7.7 7.6 8.0 7.6 7.7	
Peel Street	10/13/15 10/20/15 10/27/15 10/27/15 10/06/15 10/13/15 10/20/15 10/27/15 10/06/15 10/13/15 10/20/15	mg/L 0.4 0.5 0.5 0.1 0.7 0.6 0.8 0.5 0.2 0.6	0.11 0.11 0.14 0.27 0.12 0.12 0.11 0.13 0.20 0.20 0.16	7.8 7.9 7.7 7.4 7.5 7.7 7.7 7.6 7.7 8.2 7.6	Chatham Avenue Peel Street	11/03/15 11/10/15 11/17/15 11/24/15 11/03/15 11/10/15 11/10/15 11/10/15 11/10/15 11/10/15 11/10/15	mg/L 0.6 0.7 0.4 0.6 0.8 0.9 0.7 0.7 0.7 0.7 0.7	NTU 0.11 0.15 0.12 0.14 0.13 0.13 0.13 0.14 0.60 0.41 0.18	7.9 7.6 7.9 7.5 7.5 7.5 7.5 7.5 7.6 7.6 7.8	Chatham Avenue Peel Street	12/01/15 12/08/15 12/15/15 12/15/15 12/22/15 12/29/15 12/01/15 12/08/15 12/15/15 12/22/15 12/29/15 12/01/15 12/08/15 12/15/12	Chlorine mg/L 0.7 0.6 0.6 0.6 0.6 0.8 0.8 0.8 0.7 0.7 0.7	NTU 0.10 0.15 0.16 0.13 0.25 0.15 0.10 0.14 0.15 0.24 0.39 0.21	7.9 7.9 7.9 7.8 7.6 8.0 7.6 7.7 7.4 7.5 7.9 7.8	
Peel Street Liftstation	10/13/15 10/20/15 10/27/15 10/06/15 10/13/15 10/20/15 10/27/15 10/06/15 10/13/15 10/20/15 10/27/15	mg/L 0.4 0.5 0.5 0.1 0.7 0.6 0.6 0.8 0.5 0.1 0.7 0.6 0.7 0.6 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.11 0.11 0.14 0.27 0.12 0.12 0.11 0.13 0.20 0.20 0.16 0.19	7.8 7.9 7.7 7.4 7.5 7.7 7.7 7.6 7.7 8.2 7.7	Chatham Avenue  Peel Street Liftstation  Airport Wastewater	11/03/15 11/10/15 11/17/15 11/24/15 11/03/15 11/10/15 11/17/15 11/24/15 11/03/15 11/10/15 11/17/15	mg/L 0.6 0.7 0.4 0.6 0.8 0.9 0.7 0.7 0.7 0.7 0.7 0.1 0.1 0.1 0.7 0.3	NTU 0.11 0.15 0.12 0.14 0.13 0.13 0.14 0.60 0.41 0.18 0.35	7.9 7.6 7.9 7.5 7.5 7.5 7.5 7.5 7.6 7.6 7.6	Chatham Avenue  Peel Street Liftstation  Airport Wastewater	12/01/15 12/08/15 12/15/15 12/29/15 12/29/15 12/29/15 12/01/15 12/08/15 12/15/15 12/29/15 12/01/15 12/08/15 12/15/12 12/15/12 12/15/12 12/29/15	Chlorine mg/L 0.7 0.6 0.6 0.5 0.6 0.8 0.8 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.5	NTU  0.10  0.15  0.16  0.13  0.25  0.15  0.10  0.14  0.15  0.24  0.39  0.21  0.40  0	7.9 7.9 7.9 7.8 7.7 7.6 8.0 7.6 7.7 7.4 7.5 7.9 7.8 7.5 7.9	
Peel Street Liftstation	10/13/15 10/20/15 10/27/15 10/27/15 10/06/15 10/13/15 10/20/15 10/27/15 10/06/15 10/20/15 10/27/15 10/27/15	mg/L 0.4 0.5 0.1 0.7 0.6 0.6 0.8 0.5 0.1 0.7 0.7 0.7 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.11 0.14 0.27 0.12 0.12 0.11 0.13 0.20 0.20 0.16 0.19	7.8 7.9 7.7 7.4 7.5 7.7 7.7 7.6 7.7 8.2 7.6 7.7	Chatham Avenue  Peel Street Liftstation  Airport Wastewater	11/03/15 11/10/15 11/17/15 11/24/15 11/03/15 11/10/15 11/17/15 11/24/15 11/03/15 11/10/15 11/10/15 11/10/15 11/10/15 11/10/15 11/10/15 11/10/15	mg/L 0.6 0.7 0.4 0.6 0.8 0.9 0.7 0.7 0.7 0.1 0.1 0.1 0.9 0.9 0.9	NTU 0.11 0.15 0.12 0.14 0.13 0.13 0.13 0.14 0.60 0.41 0.18 0.35	7.9 7.6 7.9 7.5 7.5 7.5 7.5 7.5 7.6 7.6 7.6	Chatham Avenue  Peel Street Liftstation  Airport Wastewater	12/01/15 12/08/15 12/15/15 12/15/15 12/29/15 12/29/15 12/08/15 12/15/15 12/29/15 12/29/15 12/01/15 12/01/15 12/22/15 12/29/15 12/01/15 12/29/15 12/01/15 12/29/15 12/01/15	Chlorine mg/L 0.7 0.6 0.6 0.6 0.8 0.8 0.8 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	NTU  0.10 0.15 0.16 0.13 0.25 0.15 0.10 0.14 0.15 0.24 0.39 0.21 0.49 0.16 0.26 0.18	7.9 7.9 7.9 7.8 7.7 7.6 8.0 7.6 7.7 7.4 7.5 7.9 7.8 7.5 7.9	
Peel Street Liftstation	10/13/15 10/20/15 10/27/15 10/27/15 10/06/15 10/13/15 10/20/15 10/06/15 10/20/15 10/20/15 10/27/15 10/20/15 10/27/15	mg/L 0.4 0.5 0.5 0.5 0.1 0.7 0.6 0.6 0.8 0.5 0.2 0.6 0.1 0.7 0.6 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.11 0.11 0.14 0.27 0.12 0.12 0.11 0.13 0.20 0.20 0.20 0.16 0.19	7.8 7.9 7.7 7.4 7.5 7.7 7.7 7.6 7.7 8.2 7.6 7.7 8.2 7.7 8.1 8.3 7.9	Chatham Avenue  Peel Street Liftstation  Airport Wastewater	11/03/15 11/10/15 11/10/15 11/17/15 11/24/15 11/10/15 11/10/15 11/17/15 11/24/15 11/10/15 11/17/15 11/24/15	mg/L 0.6 0.7 0.4 0.6 0.8 0.9 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.1 0.1 0.7 0.3 0.9 0.9 0.7 0.7 0.3	NTU  0.11  0.15  0.12  0.14  0.13  0.13  0.13  0.14  0.60  0.41  0.18  0.35  0.35  0.35  0.17  0.14	7.9 7.6 7.9 7.5 7.5 7.5 7.5 7.6 7.8 7.6 7.4 7.7 8.2	Chatham Avenue  Peel Street Liftstation  Airport Wastewater	12/01/15 12/08/15 12/15/15 12/15/15 12/22/15 12/29/15 12/01/15 12/08/15 12/29/15 12/29/15 12/29/15 12/29/15 12/01/15 12/01/15 12/15/12 12/29/15 12/29/15 12/29/15 12/29/15	Chlorine mg/L 0.7 0.6 0.5 0.6 0.8 0.8 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.5 0.8 0.8 0.8 0.8 0.8 0.8 0.9 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	NTU  0.10 0.15 0.16 0.13 0.25 0.15 0.10 0.15 0.10 0.15 0.10 0.15 0.24 0.39 0.21 0.49 0.16 0.26 0.18 0.21 0.13	7.9 7.9 7.9 7.8 7.7 7.6 8.0 7.6 7.7 7.4 7.5 7.9 7.8 7.7 7.8 7.7 7.8 7.8	
Peel Street Liftstation  Airport Wastewater Treatment Plant	10/13/15 10/20/15 10/27/15 10/06/15 10/13/15 10/20/15 10/20/15 10/20/15 10/06/15 10/20/15 10/27/15 10/06/15 10/06/15 10/06/15 10/06/15	mg/L 0.4 0.5 0.5 0.1 0.7 0.6 0.6 0.8 0.5 0.2 0.7 0.7 0.6 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.11 0.11 0.14 0.27 0.12 0.12 0.11 0.13 0.20 0.20 0.16 0.19	7.8 7.9 7.7 7.4 7.5 7.7 7.7 7.6 8.2 7.6 7.7 8.2 8.1 8.3	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	11/05/15 11/10/15 11/10/15 11/17/15 11/24/15 11/08/15 11/10/15 11/10/15 11/10/15 11/10/15 11/10/15 11/10/15 11/10/15 11/10/15 11/10/15	mg/L 0.6 0.7 0.4 0.6 0.8 0.9 0.7 0.7 0.7 0.1 0.1 0.1 0.1 0.7 0.3	NTU  0.11  0.15  0.12  0.14  0.13  0.13  0.14  0.60  0.41  0.18  0.35  0.35	7.9 7.6 7.7 7.5 7.5 7.5 7.5 7.5 7.6 7.6 7.6 7.6	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	12/01/15 12/08/15 12/15/15 12/15/15 12/22/15 12/29/15 12/01/15 12/15/15 12/15/15 12/15/15 12/29/15 12/01/15 12/08/15 12/15/15 12/15/15 12/15/15 12/15/15 12/15/15 12/15/15 12/15/15 12/15/15 12/15/15 12/15/15	Chlorine mg/L 0.7 0.6 0.5 0.6 0.8 0.8 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	NTU  0.10 0.15 0.16 0.13 0.25 0.15 0.10 0.14 0.15 0.24 0.39 0.21 0.49 0.16 0.26 0.18	7.9 7.9 7.9 7.8 7.7 7.6 8.0 7.6 7.7 7.4 7.5 7.9 7.8 7.5 7.8 7.7 8.0 7.8 7.8 7.7	
Peel Street Liftstation  Airport Wastewater Treatment Plant	10/13/15 10/20/15 10/27/15 10/27/15 10/06/15 10/13/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15	mg/L 0.4 0.5 0.5 0.5 0.1 0.7 0.6 0.6 0.8 0.5 0.1 0.7 0.3 0.8 0.6 0.1 0.7 0.3 0.8 0.6 0.1 0.7 0.3 0.8 0.6 0.1	0.11 0.11 0.14 0.27 0.12 0.12 0.11 0.13 0.20 0.20 0.20 0.16 0.19 0.14 0.13	7.8 7.9 7.7 7.4 7.5 7.7 7.6 7.7 7.6 8.2 7.6 7.7 8.2 7.6 7.7 8.2 7.6 7.7 8.2 7.6 7.7 8.2 7.6 7.7 7.7 8.2 7.7 7.7 8.2 7.7 8.2 7.7 7.7 8.2 7.7 8.2 7.7 8.2 7.7 8.2 7.7 8.2 7.7 8.2 7.7 8.2 7.7 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.2	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	11/03/15 11/10/15 11/17/15 11/17/15 11/24/15 11/24/15 11/10/15	mg/L 0.6 0.7 0.4 0.6 0.8 0.9 0.7 0.7 0.7 0.7 0.7 0.1 0.1 0.7 0.3 0.9 0.7 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	NTU  0.11 0.15 0.12 0.14  0.13 0.13 0.13 0.14  0.60 0.41 0.18 0.35 0.35 0.17 0.14 0.20	7.9 7.6 7.9 7.5 7.5 7.5 7.5 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.7 8.2 7.6 7.4	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	12/01/15 12/08/15 12/08/15 12/15/15 12/29/15 12/29/15 12/29/15 12/29/15 12/29/15 12/29/15 12/29/15 12/29/15 12/29/15 12/01/15 12/29/15 12/01/15 12/29/15 12/29/15 12/29/15 12/29/15 12/29/15 12/29/15 12/29/15 12/29/15 12/29/15	Chlorine mg/L 0.7 0.6 0.6 0.5 0.6 0.8 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	NTU  0.10 0.15 0.16 0.13 0.25 0.15 0.10 0.14 0.15 0.24 0.39 0.21 0.49 0.16 0.26 0.18 0.21 0.10 0.16 0.26 0.18 0.21 0.11 0.16 0.26 0.18	7.9 7.9 7.9 7.8 7.7 7.6 8.0 7.7 7.4 7.5 7.9 7.8 7.5 7.9 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 8.0 7.8 7.8 7.8 7.8 7.8 7.8 7.8	
Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard	10/13/15 10/20/15 10/20/15 10/20/15 10/20/15 10/13/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15	mg/L 0.4 0.5 0.5 0.5 0.1 0.7 0.6 0.6 0.8 0.5 0.2 0.6 0.1 0.7 0.6 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.11 0.11 0.14 0.27 0.12 0.12 0.11 0.13 0.20 0.20 0.20 0.16 0.19	7.8 7.9 7.7 7.4 7.5 7.7 7.7 7.6 7.7 8.2 7.6 7.7 8.2 7.7 8.1 8.3 7.9	Chatham Avenue  Peel Street Liftstation  Airport Wastewaler Treatment Plant  Public Works Yard	11/03/15 11/10/15 11/10/15 11/17/15 11/24/15 11/10/15 11/10/15 11/17/15 11/24/15 11/10/15 11/17/15 11/24/15	mg/L 0.6 0.7 0.4 0.6 0.8 0.9 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.1 0.1 0.7 0.3 0.9 0.9 0.7 0.7 0.3	NTU  0.11  0.15  0.12  0.14  0.13  0.13  0.13  0.14  0.60  0.41  0.18  0.35  0.35  0.35  0.17  0.14	7.9 7.6 7.9 7.5 7.5 7.5 7.5 7.6 7.8 7.6 7.4 7.7 8.2	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	12/01/15 12/08/15 12/08/15 12/15/15 12/29/15 12/29/15 12/29/15 12/29/15 12/08/15 12/15/15 12/29/15 12/29/15 12/29/15 12/15/12 12/15/12 12/29/15 12/29/15 12/29/15 12/29/15 12/29/15 12/29/15 12/29/15 12/29/15 12/29/15 12/29/15 12/29/15 12/29/15 12/29/15	Chlorine mg/L 0.7 0.6 0.5 0.6 0.8 0.8 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.5 0.8 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  0.10 0.15 0.16 0.13 0.25 0.15 0.10 0.14 0.15 0.24 0.39 0.21 0.49 0.16 0.26 0.18 0.21 0.13 0.11	7.9 7.9 7.9 7.8 7.7 7.6 8.0 7.6 7.7 7.4 7.5 7.9 7.8 7.5 7.8 7.7 8.0 7.8 7.8 7.7	
Peel Street Liftstation  Airport Wastewater Treatment Plant	10/13/15 10/20/15 10/27/15 10/27/15 10/06/15 10/13/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15	mg/L 0.4 0.5 0.5 0.5 0.1 0.7 0.6 0.6 0.8 0.5 0.2 0.6 0.1 0.7 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.11 0.11 0.14 0.27 0.12 0.12 0.11 0.13 0.20 0.20 0.20 0.16 0.19 0.14 0.24 0.14 0.24 0.14 0.24 0.15	7.8 7.9 7.7 7.4 7.5 7.7 7.7 7.7 7.6 7.7 8.2 7.6 7.7 8.3 7.9 8.0 8.0 7.7	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant	11/03/15 11/10/15 11/17/15 11/21/15 11/21/15 11/20/15 11/10/15 11/10/15 11/10/15 11/10/15 11/10/15 11/10/15 11/10/15 11/10/15 11/10/15 11/10/15 11/10/15	mg/L 0.6 0.7 0.4 0.6 0.8 0.9 0.7 0.7 0.7 0.7 0.7 0.1 0.1 0.1 0.7 0.3 0.9 0.7 0.3 0.8 0.8 0.8	NTU  0.11  0.15  0.12  0.14  0.13  0.13  0.13  0.13  0.14  0.60  0.41  0.18  0.35  0.17  0.17  0.17  0.19  0.20	7.9 7.6 7.9 7.5 7.5 7.5 7.5 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.7 8.2 7.6 7.6 7.6 7.7 8.2 7.6 7.7 8.2 7.6 7.7 8.2 7.6 7.7 8.2 7.6 7.7 8.2 7.6 7.7 8.2 7.6 7.7 8.2 7.6 7.7 8.2 7.6 7.7 8.2 7.6 7.7 8.2 7.6 7.7 8.2 7.6 7.7 8.2 7.6 7.7 8.2 7.6 7.7 8.2 7.6 7.7 8.2 7.6 7.7 8.2 7.6 7.7 8.2 7.6 7.7 8.2 7.6	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard	12/01/15 12/08/15 12/08/15 12/15/18 12/21/15 12/29/15 12/29/15 12/29/15 12/01/15 12/29/15	Chlorine mg/L 0.7 0.6 0.6 0.5 0.6 0.8 0.8 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	NTU  0.10 0.15 0.16 0.13 0.25 0.10 0.14 0.15 0.24 0.39 0.21 0.49 0.16 0.18 0.21 0.19 0.11 0.11 0.11 0.11 0.12 0.13 0.11 0.14 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	7.9 7.9 7.9 7.8 7.7 7.6 8.0 7.6 7.7 7.4 7.5 7.9 7.8 7.7 7.8 7.7 8.0 7.7 8.0 7.8 8.0 7.8 8.0 7.8 8.0 7.8 8.0 7.8 8.0 7.8 8.0 7.8 8.0 7.8 8.0 7.8 8.0 7.8 8.0 7.8 8.0 7.8 8.0 7.8 8.0 7.8 8.0 7.8 8.0 7.8 8.0 7.8 8.0 7.8 8.0 7.8	
Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard	10/13/15 10/20/15 10/20/15 10/20/15 10/06/15 10/13/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15	mg/L 0.4 0.5 0.5 0.5 0.7 0.6 0.6 0.8 0.5 0.7 0.6 0.6 0.8 0.7 0.6 0.8 0.7 0.7 0.6 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.11 0.11 0.14 0.27 0.12 0.12 0.11 0.13 0.20 0.20 0.16 0.19 0.14 0.24 0.14 0.13 0.39 0.48	7.8 7.9 7.7 7.4 7.5 7.7 7.7 7.7 7.7 7.6 7.7 7.6 7.7 8.2 7.6 7.7 8.1 8.3 7.9 8.0	Chatham Avenue  Peel Street Liftstation  Airport Wastewaler Treatment Plant  Public Works Yard	11/03/15 11/10/15	mg/L 0.6 0.7 0.4 0.6 0.8 0.9 0.7 0.7 0.7 0.7 0.7 0.1 0.1 0.1 0.7 0.3 0.9 0.7 0.3 0.8 0.8 0.9 0.7 0.3 0.9 0.7 0.3 0.8 0.8 0.8 0.8 0.8 0.8 0.8	NTU 0.11 0.15 0.12 0.14 0.13 0.13 0.13 0.14 0.60 0.41 0.18 0.35 0.17 0.14 0.20 0.72 0.72 0.72 0.19	7.9 7.6 7.9 7.5 7.5 7.5 7.5 7.6 7.6 7.6 7.6 7.6 7.6 7.7 7.7 8.2 7.7 8.2 7.7 7.7 8.2 7.7 8.2 7.7 8.2 7.7 8.2 7.7 8.2 7.7 8.2 7.7 8.2 7.7 8.2 7.7 8.2 7.7 8.2 7.7 8.2 7.7 8.2 7.7 8.2 7.7 8.2 7.7 8.2 7.7 8.2 7.7 8.2 7.7 8.2 7.7	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard	12/01/15 12/08/15 12/08/15 12/15/15 12/08/15 12/15/15 12/29/15 12/01/15 12/08/15 12/08/15 12/08/15 12/08/15 12/08/15 12/08/15 12/08/15 12/08/15 12/08/15 12/08/15 12/08/15 12/08/15 12/08/15 12/08/15 12/08/15 12/08/15 12/08/15 12/15/15 12/15/15 12/15/15 12/15/15 12/15/15 12/15/15 12/15/15	Chlorine mg/L 0.7 0.6 0.6 0.8 0.8 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	NTU  0.10 0.15 0.16 0.13 0.25 0.15 0.10 0.14 0.15 0.24 0.29 0.21 0.49 0.21 0.49 0.16 0.26 0.18 0.21 0.13 0.11 0.16 0.26 0.49 0.21 0.13 0.11 0.16 0.26 0.49 0.21 0.39 0.30	7.9 7.9 7.9 7.7 7.6 8.0 7.7 7.6 8.0 7.7 7.6 7.7 7.6 8.0 7.7 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 8.0 7.8 8.0 7.8 8.0 7.8 8.0 7.8 8.2 8.0 7.8 7.7	
Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	10/13/15 10/20/15 10/20/15 10/27/15 10/06/15 10/13/15 10/20/15	mg/L 0.4 0.5 0.5 0.5 0.7 0.6 0.6 0.8 0.5 0.2 0.6 0.8 0.5 0.2 0.6 0.6 0.8 0.7 0.7 0.6 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.11 0.11 0.14 0.27 0.12 0.12 0.11 0.13 0.20 0.20 0.16 0.19 0.14 0.24 0.14 0.13 0.33 0.39 0.48 0.49	7.8 7.9 7.7 7.4 7.5 7.7 7.7 7.7 7.6 7.7 7.7 8.2 7.6 7.7 7.7 8.3 7.9 8.0 7.7 7.8 8.1 8.3 7.9 8.0 7.7 7.8 8.0 7.7 7.8 7.7 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 Treatment Plant  Public Works Yard  Eagleview School	11/03/15 11/10/15 11/10/15 11/10/15 11/20/15	mg/L 0.6 0.6 0.7 0.4 0.6 0.8 0.9 0.7 0.7 0.7 0.7 0.7 0.1 0.1 0.1 0.1 0.7 0.3 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	NTU 0.11 0.15 0.15 0.12 0.14 0.13 0.13 0.13 0.14 0.60 0.41 0.18 0.35 0.17 0.14 0.20 0.51 0.20 0.72 0.51 0.26 0.19 0.16 0.21	7.9 7.6 7.9 7.5 7.5 7.5 7.5 7.6 7.8 7.6 7.6 7.7 8.2 7.6 7.7 8.2 7.6 7.7 8.2 7.7 7.7 8.2 7.7 7.7 7.7 7.7 7.7	Chatham Avenue  Ped Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	12/01/15 12/08/15 12/15/15 12/08/15 12/15/15 12/29/15	Chlorine mg/L 0.7 0.6 0.6 0.5 0.6 0.8 0.8 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	NTU 0.10 0.15 0.16 0.13 0.25 0.15 0.10 0.14 0.13 0.24 0.39 0.21 0.49 0.16 0.18 0.26 0.18 0.21 0.19 0.26 0.19 0.20 0.10 0.10 0.11 0.16 0.26 0.49 0.10 0.10 0.11 0.11 0.11 0.12 0.12 0.13 0.13 0.13 0.13 0.14 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15	7.9 7.9 7.9 7.7 7.6 8.0 7.7 7.4 7.7 7.4 7.7 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.8 7.8	
Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard	10/13/15 10/20/15 10/20/15 10/27/15 10/06/15 10/13/15 10/27/15 10/27/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15	mg/L 0.4 0.5 0.5 0.1 0.7 0.6 0.6 0.8 0.5 0.2 0.2 0.6 0.1 0.7 0.6 0.8 0.9 0.2 0.2 0.6 0.1 0.7 0.3 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.11 0.11 0.14 0.27 0.12 0.12 0.13 0.20 0.20 0.20 0.16 0.19 0.14 0.24 0.13 0.49 0.31 0.49 0.48	7.8 7.9 7.7 7.4 7.5 7.7 7.7 7.6 7.7 7.6 7.7 8.2 7.6 7.7 8.1 8.3 7.9 8.0 7.7 7.8 8.0 7.7 7.9	Chatham Avenue  Peel Street Liftstation  Airport Wastewaler Treatment Plant  Public Works Yard	11/03/15 11/10/15	mg/L 0.6 0.7 0.4 0.6 0.8 0.9 0.7 0.7 0.1 0.1 0.1 0.7 0.3 0.9 0.7 0.3 0.9 0.7 0.3 0.9 0.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0	NTU 0.11 0.15 0.12 0.14 0.13 0.13 0.13 0.14 0.16 0.60 0.41 0.18 0.35 0.35 0.17 0.14 0.20 0.72 0.51 0.26 0.19	7.9 7.6 7.9 7.5 7.5 7.5 7.5 7.6 7.6 7.6 7.6 7.6 7.7 8.2 7.6 7.7 8.2 7.6 7.7 7.7 8.2 7.7 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	12/01/15 12/08/15 12/15/15 12/15/15 12/15/15 12/25/15 12/25/15 12/01/15	Chlorine mg/L 0.7 0.6 0.6 0.5 0.6 0.8 0.8 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	NTU 0.10 0.15 0.16 0.13 0.25 0.15 0.14 0.15 0.24 0.39 0.21 0.49 0.16 0.26 0.49 0.21 0.19 0.21 0.19 0.21 0.19 0.21 0.19 0.21 0.19 0.21 0.19 0.21 0.19 0.21 0.19 0.21 0.19 0.21 0.19 0.21 0.21 0.29 0.20 0.21 0.29 0.30 0.18	7.9 7.9 7.9 7.8 7.7 7.6 8.0 7.6 7.7 7.4 7.5 7.9 7.8 7.7 7.8 7.7 7.8 7.7 7.8 7.7 8.0 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8	
Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	10/13/15 10/20/15 10/20/15 10/27/15 10/06/15 10/13/15 10/27/15 10/27/15 10/06/15 10/27/15 10/06/15 10/27/15 10/06/15 10/27/15 10/06/15 10/27/15 10/27/15 10/27/15	mg/L 0.4 0.5 0.5 0.5 0.1 0.7 0.6 0.6 0.8 0.5 0.2 0.6 0.1 0.7 0.6 0.8 0.5 0.5 0.2 0.6 0.1 0.7 0.7 0.6 0.8 0.7 0.7 0.6 0.8 0.8 0.7	0.11 0.11 0.14 0.27 0.12 0.12 0.13 0.20 0.20 0.16 0.19 0.14 0.24 0.13 0.13 0.14 0.13	7.8 7.9 7.7 7.4 7.5 7.7 7.7 7.7 7.6 7.7 8.2 7.7 8.1 8.3 7.9 8.0 7.7 7.8 8.0 7.7 7.8 8.0 7.7 7.7 8.0 7.7 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	11/03/15 11/10/15	mg/L 0.6 0.7 0.4 0.6 0.7 0.4 0.6 0.8 0.9 0.7 0.7 0.7 0.7 0.1 0.7 0.3 0.9 0.7 0.2 0.9 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	NTU 0.11 0.15 0.12 0.14 0.13 0.13 0.13 0.13 0.13 0.14 0.60 0.41 0.18 0.35 0.35 0.17 0.17 0.10 0.10 0.10 0.10 0.10 0.10	7.9 7.6 7.7 7.5 7.5 7.5 7.5 7.6 7.6 7.6 7.6 7.6 7.7 7.7 8.2 7.6 7.6 7.7 8.2 7.6 7.7 7.7 8.2 7.6 7.6 7.6 7.6 7.7 7.7 8.2 7.6 7.6 7.6 7.7 7.7 7.7 7.7 7.7 7.7 7.7	Chatham Avenue  Ped Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	12/01/15 12/08/15 12/15/15 12/15/15 12/15/15 12/25/15 12/25/15 12/25/15 12/01/15	Chlorine mg/L 0.7 0.6 0.5 0.6 0.8 0.8 0.8 0.7 0.7 0.7 0.7 0.5 0.8 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  0.10 0.15 0.15 0.16 0.13 0.25 0.15 0.10 0.14 0.15 0.24 0.29 0.16 0.26 0.18 0.21 0.29 0.30 0.11 0.16 0.26 0.49 0.21 0.29 0.30 0.18 0.12 0.29 0.30 0.18 0.12 0.22 0.14	7.9 7.9 7.9 7.7 7.7 7.6 8.0 7.7 7.4 7.5 7.9 7.8 7.7 7.8 7.7 7.9 7.8 7.7 8.0 7.7 8.0 7.7 7.8 7.6 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	
Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	10/13/15 10/20/15 10/20/15 10/27/15 10/06/15 10/13/15 10/27/15 10/27/15 10/06/15 10/27/15 10/27/15 10/27/15 10/27/15 10/27/15 10/27/15 10/27/15 10/27/15 10/27/15 10/27/15 10/27/15 10/27/15 10/27/15 10/27/15 10/27/15	mg/L 0.4 0.5 0.5 0.5 0.5 0.7 0.6 0.6 0.8 0.5 0.1 0.7 0.6 0.8 0.5 0.2 0.6 0.1 0.7 0.3 0.8 0.6 0.1 0.7 0.3 0.8 0.6 0.1 0.7 0.3 0.8 0.6 0.1 0.7 0.3 0.8 0.6 0.6 0.6 0.7 0.7 0.8 0.8 0.6 0.7 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	0.11 0.11 0.14 0.27 0.12 0.12 0.13 0.20 0.20 0.16 0.19 0.14 0.14 0.14 0.13 0.49 0.31 0.39 0.48 0.16 0.16 0.17 0.17 0.18 0.19 0.19 0.19 0.19 0.10	7.8 7.9 7.7 7.4 7.5 7.7 7.6 7.7 7.6 7.7 7.6 7.7 8.1 8.3 7.9 8.0 7.7 7.7 8.2 7.6 7.7 7.7 7.7 7.7 7.7 7.7 7.6 7.7 7.7	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	11/03/15 11/10/15	mg/L 0.6 0.7 0.4 0.8 0.9 0.7 0.7 0.7 0.7 0.7 0.7 0.1 0.1 0.7 0.3 0.9 0.7 0.7 0.3 0.9 0.7 0.7 0.3 0.9 0.7 0.7 0.3 0.9 0.9 0.7 0.0 0.9 0.7 0.0 0.9 0.9 0.7 0.0 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	NTU 0.11 0.15 0.15 0.12 0.14 0.13 0.13 0.13 0.13 0.14 0.60 0.60 0.41 0.18 0.35 0.35 0.17 0.14 0.20 0.72 0.51 0.19 0.16 0.21 0.16	79 76 77 77 75 75 75 75 75 75 76 78 78 76 77 77 76 77 77 76 77 77 76 77 77 77	Chatham Avenue  Ped Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	12/01/15 12/08/15 12/15/15 12/08/15 12/15/15 12/29/15 12/29/15 12/01/15 12/08/15 12/20/15 12/08/15 12/20/15 12/08/15 12/20/15 12/08/15 12/15/15 12/29/15 12/08/15 12/15/15	Chlorine mg/L 0.7 0.6 0.6 0.5 0.6 0.8 0.8 0.8 0.7 0.7 0.7 0.7 0.7 0.5 0.8 0.8 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	NTU  0.10 0.15 0.15 0.16 0.13 0.25 0.15 0.10 0.14 0.15 0.24 0.39 0.21 0.49 0.16 0.26 0.18 0.21 0.19 0.10 0.11 0.16 0.26 0.18 0.21 0.19 0.10 0.10 0.10 0.10 0.10 0.10 0.1	7.9 7.9 7.9 7.8 7.7 7.6 8.0 7.6 7.7 7.4 7.5 7.9 7.8 7.7 7.8 7.7 8.0 7.8 7.8 7.8 7.7 8.0 7.8 7.8 7.6 7.8 7.8 7.7 7.8 7.8 7.8 7.8 7.8 7.8 7.8	
Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	10/13/15 10/20/15 10/20/15 10/27/15 10/06/15 10/13/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15 10/20/15	mg/L 0.4 0.5 0.5 0.5 0.7 0.6 0.6 0.8 0.5 0.1 0.7 0.6 0.8 0.9 0.7 0.6 0.9 0.7 0.6 0.9 0.7 0.7 0.6 0.8 0.9 0.7 0.7 0.6 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.11 0.11 0.14 0.27 0.12 0.12 0.13 0.20 0.20 0.16 0.19 0.14 0.14 0.13 0.31	7.8 7.9 7.7 7.4 7.5 7.7 7.6 7.7 7.6 7.7 8.1 8.1 8.3 7.9 8.0 8.1 8.3 7.9 8.0 7.7 7.8 7.6 7.7 7.6 7.7 7.7 7.6 7.7 7.7 7.7 7.7	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	11/03/15 11/10/15	mg/L 0.6 0.6 0.7 0.4 0.6 0.8 0.9 0.7 0.7 0.7 0.7 0.1 0.1 0.1 0.7 0.3 0.9 0.7 0.7 0.3 0.9 0.7 0.7 0.3 0.9 0.7 0.7 0.3 0.9 0.9 0.7 0.3 0.9 0.9 0.7 0.3 0.9 0.9 0.7 0.3 0.9 0.9 0.7 0.3 0.9 0.9 0.7 0.3 0.9 0.9 0.7 0.3 0.9 0.9 0.7 0.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	NTU 0.11 0.11 0.15 0.15 0.12 0.15 0.14 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13	79 76 77 77 77 75 75 75 75 75 76 76 76 77 77 77 76 76 75 75 75 77 77 76 76 77 77 77 76 75 75 75 75 75 75 75 75 75 75 75 75 75	Chatham Avenue  Ped Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School	12/01/15 12/08/15 12/15/15 12/15/15 12/15/15 12/29/15 12/29/15 12/01/15	Chlorine mg/L 0.7 0.6 0.6 0.5 0.8 0.8 0.8 0.7 0.7 0.7 0.5 0.8 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	NTU 0.10 0.15 0.15 0.15 0.15 0.15 0.15 0.15	7.9 7.9 7.9 7.8 7.7 7.6 8.0 7.6 7.7 7.4 7.5 7.8 7.7 7.8 7.7 8.0 7.8 7.7 8.0 7.8 7.7 8.0 7.8 7.7 7.8 7.7 8.0 7.8 7.6 7.8 7.7 7.7	
Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	10/13/15 10/20/15 10/20/15 10/27/15 10/06/15 10/13/15 10/27/15	mg/L 0.4 0.5 0.5 0.5 0.5 0.1 0.7 0.6 0.6 0.8 0.5 0.2 0.6 0.1 0.7 0.3 0.8 0.5 0.5 0.5 0.7 0.6 0.8 0.7 0.7 0.8 0.7 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.11 0.11 0.14 0.27 0.12 0.12 0.11 0.13 0.20 0.16 0.19 0.24 0.14 0.24 0.14 0.24 0.14 0.31 0.39 0.49 0.31 0.39 0.48	7.8 7.9 7.7 7.7 7.4 7.5 7.7 7.7 7.6 7.7 7.6 7.7 8.2 7.6 7.7 8.3 7.9 8.0 7.7 7.8 7.7 7.8 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	11/03/15 11/10/15	mg/L 0.6 0.7 0.4 0.6 0.8 0.9 0.7 0.7 0.7 0.7 0.1 0.1 0.7 0.3 0.9 0.7 0.3 0.9 0.7 0.7 0.3 0.9 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	NTU 0.11 0.11 0.15 0.12 0.15 0.15 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13	7.9 7.6 7.5 7.5 7.5 7.5 7.5 7.6 7.6 7.6 7.6 7.6 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	12/01/15 12/08/15 12/15/15 12/15/15 12/25/15 12/25/15 12/25/15 12/07/15 12/08/15 12/07/15	Chlorine mg/L 0.7 0.6 0.6 0.6 0.6 0.8 0.8 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	NTU 0.10 0.10 0.15 0.15 0.15 0.15 0.15 0.15	7.9 7.9 7.9 7.8 7.7 7.6 8.0 7.7 7.4 7.5 7.8 7.5 7.8 7.7 7.8 8.0 7.8 7.7 7.9 7.8 7.7 7.9 7.8 7.7 7.9 7.8 7.7 7.9 7.8 7.7 7.9 7.8 7.7 7.9 7.8 7.7 7.9 7.8 8.0 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8	
Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	10/13/15 10/20/15 10/20/15 10/27/15 10/06/15 10/13/15 10/27/15 10/20/15	mg/L 0.4 0.5 0.5 0.5 0.7 0.6 0.6 0.8 0.5 0.2 0.6 0.1 0.7 0.6 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.11 0.11 0.11 0.13 0.12 0.12 0.12 0.11 0.13 0.20 0.16 0.19 0.10 0.10 0.14 0.14 0.13 0.19 0.49 0.41 0.16 0.16 0.15 0.16 0.15 0.16 0.15 0.14 0.14 0.11 0.11 0.11 0.11 0.11 0.11	7.8 7.9 7.7 7.4 7.5 7.7 7.6 7.7 7.6 7.7 8.2 7.6 7.7 8.1 8.3 7.9 8.0 7.7 7.8 7.9 8.0 7.7 7.8 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	11/03/15 11/10/15	mg/L 0.6 0.6 0.7 0.4 0.6 0.8 0.9 0.7 0.7 0.7 0.7 0.1 0.1 0.1 0.7 0.3 0.8 0.9 0.7 0.7 0.7 0.3 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	NTU 0.11 0.11 0.15 0.15 0.15 0.16 0.17 0.19 0.16 0.17 0.17 0.15 0.17 0.17 0.17 0.17 0.17 0.17 0.17 0.17	7.9 7.6 7.7 7.5 7.5 7.5 7.5 7.6 7.6 7.6 7.6 7.6 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	12/01/15 12/08/15 12/08/15 12/15/15 12/08/15 12/15/15 12/29/15 12/01/15 12/08/15 12/01/15 12/08/15	Chlorine mg/L 0.7 0.6 0.6 0.8 0.8 0.8 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	NTU 0.10 0.15 0.15 0.15 0.15 0.15 0.15 0.15	7.9 7.9 7.9 7.8 7.7 7.6 8.0 7.6 7.7 7.4 7.5 7.9 7.8 7.7 7.8 7.7 8.0 7.8 7.8 7.8 7.7 8.0 7.8 7.6 7.8 7.6 7.8 7.7 7.8 7.8 7.8 7.7 7.8 7.8 7.8 7.8	
Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir	10/13/15 10/20/15 10/20/15 10/27/15 10/06/15 10/13/15 10/27/15 10/27/15 10/06/15 10/27/15 10/06/15 10/27/15 10/06/15 10/27/15 10/27/15 10/06/15 10/27/15 10/27/15 10/27/15 10/27/15 10/27/15 10/27/15 10/27/15 10/27/15 10/27/15 10/27/15 10/27/15 10/27/15 10/27/15 10/27/15	mg/L 0.4 0.5 0.5 0.5 0.5 0.7 0.6 0.6 0.8 0.5 0.2 0.6 0.1 0.7 0.6 0.8 0.7 0.7 0.6 0.8 0.7 0.7 0.6 0.8 0.7 0.7 0.7 0.6 0.8 0.7 0.7 0.7 0.8 0.7 0.7 0.8 0.8 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.11 0.11 0.14 0.27 0.12 0.12 0.11 0.13 0.20 0.16 0.19 0.14 0.24 0.14 0.24 0.14 0.31 0.39 0.48 0.16 0.16 0.19 0.19 0.19 0.10	7.8 7.9 7.7 7.7 7.4 7.5 7.7 7.6 7.7 8.2 8.0 8.1 8.3 7.9 8.0 7.7 7.8 7.6 7.7 7.8 7.7 7.6 7.7 7.7 8.1 8.3 7.9 8.0 7.7 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	11/03/15 11/10/15	mg/L 0.6 0.6 0.7 0.4 0.6 0.8 0.9 0.7 0.7 0.7 0.1 0.1 0.1 0.7 0.3 0.9 0.7 0.7 0.3 0.9 0.7 0.7 0.3 0.9 0.7 0.5 0.9 0.7 0.7 0.3 0.9 0.7 0.7 0.3 0.8 0.8 0.9 0.9 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	NTU 0.11 0.11 0.15 0.12 0.15 0.13 0.13 0.13 0.13 0.13 0.13 0.13 0.13	7.9 7.6 7.5 7.5 7.5 7.5 7.5 7.6 7.6 7.6 7.7 7.7 7.7 8.2 7.7 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	12/01/15 12/08/15 12/15/15	Chlorine mg/L 0.7 0.6 0.6 0.6 0.8 0.8 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	NTU 0.10 0.15 0.15 0.15 0.15 0.15 0.15 0.15	7.9 7.9 7.9 7.8 7.7 7.6 8.0 7.6 7.7 7.4 7.5 7.8 7.7 7.8 7.7 7.8 8.0 7.8 7.7 7.8 7.7 7.8 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8	
Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal	10/13/15 10/20/15 10/20/15 10/27/15 10/06/15 10/13/15 10/27/15 10/20/15	mg/L 0.4 0.5 0.5 0.5 0.7 0.6 0.6 0.8 0.5 0.2 0.6 0.1 0.7 0.6 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.11 0.11 0.11 0.13 0.12 0.12 0.12 0.11 0.13 0.20 0.16 0.19 0.10 0.10 0.14 0.14 0.13 0.19 0.49 0.41 0.16 0.16 0.15 0.16 0.15 0.16 0.15 0.14 0.14 0.11 0.11 0.11 0.11 0.11 0.11	7.8 7.9 7.7 7.4 7.5 7.7 7.6 7.7 7.6 7.7 8.2 7.6 7.7 8.1 8.3 7.9 8.0 7.7 7.8 7.9 8.0 7.7 7.8 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	11/03/15 11/10/15	mg/L 0.6 0.7 0.4 0.8 0.9 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.1 0.7 0.3 0.9 0.7 0.7 0.3 0.9 0.7 0.7 0.3 0.9 0.7 0.7 0.3 0.9 0.7 0.7 0.3 0.9 0.7 0.7 0.3 0.8 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 0.11 0.11 0.15 0.15 0.15 0.16 0.17 0.19 0.16 0.17 0.17 0.15 0.17 0.17 0.17 0.17 0.17 0.17 0.17 0.17	7.9 7.6 7.7 7.5 7.5 7.5 7.5 7.6 7.6 7.6 7.6 7.6 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	12/01/15 12/08/18 12/15/18 12/15/18 12/22/15 12/29/18 12/29/18 12/07/18	Chlorine mg/L 0.7 0.6 0.6 0.6 0.6 0.8 0.8 0.8 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	NTU 0.10 0.15 0.15 0.15 0.15 0.15 0.15 0.15	7.9 7.9 7.9 7.8 7.7 7.6 8.0 7.7 7.4 7.5 7.8 7.7 7.8 7.7 8.0 7.8 7.7 7.8 7.6 7.7 7.7 7.6 7.8 7.7 7.7 8.0 7.8 8.2 8.0 7.8 7.6 7.6 7.6 7.7 8.3 7.6 7.7 8.3	
Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal  Highway 19 PRV	10/13/15 10/20/15 10/20/15 10/27/15 10/06/15 10/13/15 10/27/15 10/20/15	mg/L 0.4 0.5 0.5 0.5 0.7 0.6 0.6 0.8 0.5 0.1 0.7 0.6 0.8 0.7 0.6 0.8 0.7 0.7 0.6 0.8 0.9 0.9 0.9 0.9 0.9	0.11 0.11 0.11 0.11 0.12 0.12 0.12 0.12	7.8 7.9 7.7 7.4 7.5 7.7 7.6 7.7 7.6 7.7 8.1 8.3 7.9 8.0 7.7 7.8 8.3 7.9 8.0 7.7 7.8 7.7 7.8 7.7 7.8 8.1 8.3 7.9 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  Highway 19 PRV	11/03/15 11/10/15	mg/L 0.6 0.6 0.7 0.4 0.6 0.8 0.9 0.7 0.7 0.7 0.7 0.1 0.1 0.1 0.7 0.3 0.9 0.7 0.7 0.3 0.9 0.7 0.7 0.3 0.9 0.9 0.7 0.7 0.3 0.9 0.7 0.3 0.9 0.9 0.7 0.3 0.8 0.8 0.9 0.9 0.7 0.3 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 0.11 0.11 0.15 0.15 0.15 0.15 0.15 0.15	7.9 7.6 7.5 7.5 7.5 7.5 7.5 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  Highway 19 PRV	12/01/15 12/08/15 12/15/15	Chlorine mg/L 0.7 0.6 0.6 0.5 0.8 0.8 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	NTU 0.10 0.15 0.15 0.15 0.15 0.15 0.15 0.15	7.9 7.9 7.9 7.8 7.7 7.6 8.0 7.7 7.6 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 7.7 7.8 7.7 7.8 7.7 7.8 7.8	
Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal	10/13/15 10/20/15 10/20/15 10/20/15 10/20/15 10/06/15 10/13/15 10/20/15	mg/L 0.4 0.5 0.5 0.5 0.7 0.6 0.6 0.8 0.5 0.2 0.6 0.1 0.7 0.6 0.8 0.5 0.2 0.6 0.1 0.7 0.7 0.6 0.6 0.8 0.5 0.2 0.6 0.1 0.7 0.7 0.8 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.11 0.11 0.14 0.27 0.12 0.12 0.13 0.10 0.13 0.20 0.20 0.16 0.19 0.14 0.13 0.31 0.39 0.31 0.39 0.49 0.14 0.14 0.15 0.16 0.16 0.16 0.16 0.16 0.16 0.16 0.16	7.8 7.9 7.7 7.4 7.5 7.7 7.6 7.7 7.6 7.7 7.6 7.7 8.1 8.1 8.3 7.9 8.0 7.7 7.8 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.7 7.7 7.6 7.7 7.7	Chatham Avenue  Peel Street Liftstation  Airport Wastewater Treatment Plant  Public Works Yard  Eagleview School  Bear Cove Reservoir  Ferry Terminal	11/03/15 11/10/15	mg/L 0.6 0.6 0.7 0.4 0.6 0.8 0.9 0.7 0.7 0.7 0.7 0.1 0.1 0.1 0.7 0.3 0.9 0.7 0.7 0.3 0.9 0.7 0.7 0.3 0.9 0.7 0.7 0.3 0.9 0.9 0.7 0.3 0.9 0.9 0.7 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	NTU 0.11 0.11 0.15 0.12 0.15 0.12 0.14 0.13 0.13 0.13 0.13 0.13 0.13 0.14 0.16 0.18 0.18 0.17 0.17 0.19 0.16 0.19 0.11 0.11 0.11 0.11 0.11 0.11 0.11	79 76 77 77 77 75 75 75 76 76 77 77 77 77 76 76 75 75 75 75 77 77 77 76 76 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	12/01/15 12/08/15 12/15/15	Chlorine mg/L 0.7 0.6 0.6 0.6 0.6 0.8 0.8 0.8 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	NTU 0.10 0.15 0.15 0.15 0.15 0.15 0.15 0.15	7.9 7.9 7.9 7.8 7.7 7.6 8.0 7.7 7.4 7.5 7.8 7.7 7.8 7.7 8.0 7.8 7.7 7.8 7.6 7.7 7.7 7.6 7.8 7.7 7.7 8.0 7.8 8.2 8.0 7.8 7.6 7.6 7.6 7.7 8.3 7.6 7.7 8.3	

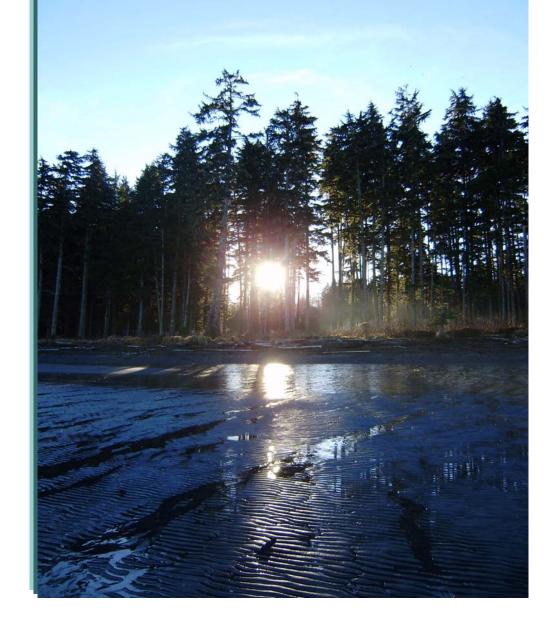
		Janu	ary						Febr	uary				
	Bact	eriologic	al San	npling				Bacteriological Sampling						
Sample Date	Sample Location	Free Chlorine (mg/L)	Turbidity (NTU)	рН	Total Coliform CFU/100ml	E.Coli CFU/100ml	Sample Date	Sample Location	Free Chlorine (mg/L)		рН	Total Coliform CFU/100ml	E.Coli CFU/100ml	
01/13/15	Hospital	0.8	0.21	7.8	<1	<1	02/10/15	Hospital	0.9	0.26	7.6	<1	<1	
01/12/15	Airport Washroom	0.5	0.27	7.6	<1	<1	02/17/15	Airport Washroom	0.2	0.20	7.8	<1	<1	
01/12/15	Chatham Ave.	0.6	0.24	8.2	<1	<1	02/10/15	Chatham Ave.	0.7	0.20	8.0	<1	<1	
01/13/15	Bear Cove Reservoir	0.8	0.24	7.6	<1	<1	02/04/15	Bear Cove Reservoir	0.7	0.18	7.5	<1	<1	
01/13/15	Highway 19 PRV	1.0	0.21	7.7	<1	<1	02/04/15	Highway 19 PRV	1.0	0.21	7.6	<1	<1	
01/20/15	Pioneer Inn	1.0	0.16	8.2	<1	<1	02/04/15	Pioneer Inn	0.9	0.13	7.5	<1	<1	
01/12/15	Public Works Yard Glen Lyon	0.9	0.19	7.7	<1	<1	02/24/15	Public Works Yard Glen Lyon	0.8	0.13	7.9	<1	<1	
01/20/15	Restaurant	0.9	0.16	7.9	<1	<1	02/17/15	Restaurant	0.8	0.14	7.8	<1	<1	
01/20/15	Airport Inn	0.9	0.74	7.6	<1	<1	02/17/15	Airport Inn	0.8	0.12	7.8	<1	<1	
01/13/15	Peel St Liftstation	0.8	0.33	7.6	<1	<1	02/24/15	Peel St Liftstation	1.1	0.14	7.5	<1	<1	
01/12/15	B.C. Ferry	0.7	0.22	7.6	<1	<1	02/10/15	B.C. Ferry	0.6	0.13	7.6	<1	<1	
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	
01/20/15	Tsulquate River (Untreated)		0.71	6.5	88	1.0	02/04/15	Tsulquate River (Untreated)		0.62	6.6	110.6	<1	
		Ma	rch						Ap	ril				
	Bact	eriologic	al San	npling				Bact	eriologic		npling	[		
Sample	Sample	Free Chlorine	Turbidity	рН	Total Coliform	E.Coli	Sample	Sample	Free Chlorine	Turbidity	рН	Total Coliform	E.Coli	
Date	Location	(mg/L)	(NTU)	F	CFU/100ml	CFU/100ml	Date	Location	(mg/L)	(NTU)	F	CFU/100ml	CFU/100ml	
03/17/15	Hospital	1.0	0.15	7.6	<1	<1	04/21/15	Hospital	0.9	0.17	7.5	<1	<1	
03/10/15	Airport Washroom	0.4	0.20	7.7	<1	<1	04/14/15	Airport Washroom	0.3	0.23	7.7	<1	<1	
03/03/15	Chatham Ave.	0.6	0.20	7.7	<1	<1	04/07/15	Chatham Ave.	0.5	0.12	7.8	<1	<1	
03/10/15	Bear Cove Reservoir	0.9	0.14	7.5	<1	<1	04/14/15	Bear Cove Reservoir	0.7	0.19	7.2	<1	<1	
03/03/15	Highway 19 PRV	1.1	0.17	7.4	<1	<1	04/07/15	Highway 19 PRV	1.0	0.19	7.5	<1	<1	
03/17/15	Pioneer Inn	1.0	0.13	7.6	<1	<1	04/07/15	Pioneer Inn	0.6	0.18	7.6	<1	<1	
03/10/15	Public Works Yard Glen Lyon	0.6	0.13	8.0	<1	<1	04/14/15	Public Works Yard Glen Lyon	0.1	0.30	8.9	<1	<1	
03/03/15	Restaurant	0.8	0.12	7.4	<1	<1	04/22/15	Restaurant	0.6	0.22	7.6	<1	<1	
03/17/15	Airport Inn	0.9	0.12	7.6	<1	<1	04/21/15	Airport Inn	0.9	0.12	7.6	<1	<1	
03/17/15	Peel St Liftstation	1.0	0.14	7.5	<1	<1	04/07/15	Peel St Liftstation	1.0	0.12	7.3	<1	<1	
03/03/15	B.C. Ferry	0.7	0.13	7.4	<1	<1	04/21/15	B.C. Ferry	0.4	0.12	7.5	<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)	рН	Total Coliform CFU/100ml	E.Coli CFU/100ml	
03/10/15	Tsulquate River (Untreated)		0.45	6.8	179.3	<1	04/21/15	Tsulquate River (Untreated)		0.64	6.6	410.6	<1	
		Ma	ay						Ju	ne				
	Bact	eriologic	al San	npling	-			Bact	eriologio	al San	npling	5		
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	
05/19/15	Hospital	0.7	0.20	7.7	<1	<1	06/16/15	Hospital	0.7	0.13	7.5	<1	<1	
05/19/15	Airport Washroom	0.4	0.14	7.7	<1	<1	06/02/15	Airport Washroom	0.7	0.19	7.5	<1	<1	
05/05/15	Chatham Ave.	0.4	0.14	8.2	<1	<1	06/02/15	Chatham Ave.	0.5	0.13	7.8	<1	<1	
05/05/15	Bear Cove Reservoir	0.6	0.14	7.7	<1	<1	06/02/15	Bear Cove Reservoir	0.7	0.31	7.6	<1	<1	
05/05/15	Highway 19 PRV	0.8	0.14	7.6	<1	<1	06/09/15	Highway 19 PRV	0.7	0.20	7.7	<1	<1	
05/05/15	Pioneer Inn	0.8	0.17	7.6	<1	<1	06/02/15	Pioneer Inn	0.7	0.16	7.5	<1	<1	
05/12/15	Public Works Yard	0.4	0.20	8.9	<1	<1	06/09/15	Public Works Yard	0.5	0.14	7.9	<1	<1	
05/12/15	Glen Lyon Restaurant	0.6	0.18	8.0	<1	<1	06/16/15	Glen Lyon Restaurant	0.5	0.16	7.6	<1	<1	
05/12/15	Airport Inn	0.5	0.17	7.9	<1	<1	06/09/15	Airport Inn	0.5	0.18	7.6	<1	<1	
05/12/15	Peel St Liftstation	0.6	0.20	8.0	<1	<1	06/16/15	Peel St Liftstation	0.6	0.18	7.6	<1	<1	
05/19/15	B.C. Ferry	0.3	0.19	7.6	<1	<1	06/09/15	B.C. Ferry	0.2	0.16	7.5	<1	<1	
	·													
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)	рН	Total Coliform CFU/100ml	E.Coli CFU/100ml	
05/19/15	Tsulquate River (Untreated)		0.32	7.0	410.6	2.0	06/16/15	Tsulquate River (Untreated)		0.20	7.1	461.1	1.0	

		Jul	ly						Aug	gust			
	Bact	eriologic	al San	npling				Bact	eriologio	al Sar	npling	7	
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
07/22/15	Hospital	0.6 0.2	0.17	7.8 7.7	<1	<1	08/18/15	Hospital	0.7	0.02	7.6	<1	<1
07/07/15 07/22/15	Airport Washroom Chatham Ave.	0.2	0.14	7.7	<1	<1	08/04/15 08/18/15	Airport Washroom Chatham Ave.	0.2	0.21	7.6 7.7	<1	<1
07/07/15	Bear Cove Reservoir	0.5	0.15	7.7	<1	<1	08/04/15	Bear Cove Reservoir	0.8	0.19	7.5	<1	<1
07/22/15	Highway 19 PRV	0.8	0.17	7.7	<1	<1	08/04/15	Highway 19 PRV	0.9	0.15	7.4	<1	<1
07/14/15	Pioneer Inn	0.7	0.13	7.5	<1	<1	08/18/15	Pioneer Inn	0.7	0.11	7.7	<1	<1
07/14/15	Public Works Yard Glen Lyon	0.4	0.12	8.0	<1	<1	08/11/15	Public Works Yard Glen Lyon	0.4	0.19	7.9	<1	<1
07/07/15	Restaurant	0.6	0.12	7.6	<1	<1	08/11/15	Restaurant	0.5	0.16	7.7	<1	<1
07/14/15 07/07/15	Airport Inn	0.5	0.19	7.6 7.8	<1	<1	08/18/15	Airport Inn	0.6	0.24	7.6 7.6	<1	<1
07/07/13	Peel St Liftstation B.C. Ferry	0.5	0.20	7.5	<1	<1	08/11/15 08/11/15	Peel St Liftstation B.C. Ferry	0.6	0.18	7.6	<1	<1
,,			0.00				20/ 21/ 22	,					
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)	рН	Total Coliform CFU/100ml	E.Coli CFU/100ml
07/22/15	Tsulquate River (Untreated)		0.25	7.0	1413.6	28.8	08/04/15	Tsulquate River (Untreated)		0.27	7.1	1732.9	19.7
		Septe	mber						Octo	ober			
	Bact	eriologic	al San	npling				Bact	eriologio	al Sar	npling	5	
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)	рН	Total Coliform CFU/100ml	E.Coli CFU/100ml
09/08/15	Hospital	0.6	0.24	7.5	<1	<1	10/13/15	Hospital	0.6	0.13	7.8	<1	<1
09/15/15	Airport Washroom	0.5	0.18	7.7	<1	<1	10/06/15	Airport Washroom	0.5	0.23	7.7	<1	<1
09/08/15	Chatham Ave.	0.4	0.12		<1	<1	10/20/15	Chatham Ave.	0.5	0.14	7.6	<1	<1
09/01/15 09/01/15	Bear Cove Reservoir Highway 19 PRV	0.5	0.20	7.6	<1	<1	10/13/15 10/06/15	Bear Cove Reservoir Highway 19 PRV	0.5	0.16	7.6 7.6	<1	<1
09/01/15	Pioneer Inn	0.6	0.21	7.4	<1	<1	10/00/15	Pioneer Inn	0.7	0.12	7.5	<1	<1
09/15/15	Public Works Yard	0.2	0.09	8.4	<1	<1	10/20/15	Public Works Yard	0.8	0.14	7.9	<1	<1
09/15/15	Glen Lyon	0.7	0.16	7.6	<1	<1	10/13/15	Glen Lyon	0.7	0.12	7.6	<1	<1
09/15/15	Restaurant Airport Inn	0.6	0.20	7.6	<1	<1	10/20/15	Restaurant Airport Inn	0.6	0.28	7.6	<1	<1
09/01/15	Peel St Liftstation	0.4	0.22	7.2	<1	<1	10/06/15	Peel St Liftstation	0.7	0.12	7.5	<1	<1
09/08/15	B.C. Ferry	0.2	0.14	7.5	<1	<1	10/06/15	B.C. Ferry	0.3	0.12	7.6	<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)	рН	Total Coliform CFU/100ml	E.Coli CFU/100ml
09/01/15	Tsulquate River (Untreated)		1.00	6.6	>2419.2	101.2	10/13/15	Tsulquate River (Untreated)		0.71	6.8	488.4	12.2
		Nove	mber						Dece	mber			
	Bact	eriologic	al San	npling				Bact	eriologio	al Sar	npling	7	
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)	рН	Total Coliform CFU/100ml	E.Coli CFU/100ml
11/03/15	Hospital	0.7	0.15	7.5	<1	<1	12/15/15	Hospital	0.8	0.14	7.8	<1	<1
11/24/15	Airport Washroom	0.1	0.19	7.7	<1	<1	12/08/15	Airport Washroom	0.5	0.15	7.7	<1	<1
11/17/15	Chatham Ave.	0.4	0.12	7.9	<1	<1	12/08/15	Chatham Ave.	0.6	0.15	7.9	<1	<1
11/17/15	Bear Cove Reservoir Highway 19 PRV	0.8	0.13	7.5	<1	<1	12/01/15 12/01/15	Bear Cove Reservoir Highway 19 PRV	0.8	0.18	7.5 7.7	<1	<1 <1
11/17/15	Pioneer Inn	0.6	0.15	7.6	<1	<1	12/15/15	Pioneer Inn	0.7	0.19	7.6	<1	<1
11/17/15	Public Works Yard	0.3	0.14	8.2	<1	<1	12/08/15	Public Works Yard	0.7	0.21	8.0	<1	<1
11/03/15	Glen Lyon Restaurant	0.7	0.12	7.6	<1	<1	12/15/15	Glen Lyon Restaurant	0.7	0.14	7.6	<1	<1
11/03/15	Airport Inn	0.6	0.30	7.7	<1	<1	12/15/15	Airport Inn	0.7	0.31	7.5	<1	<1
11/17/15	Peel St Liftstation	0.7	0.13	7.5	<1	<1	12/01/15	Peel St Liftstation	0.8	0.15	7.6	<1	<1
11/03/15	B.C. Ferry	0.5	0.19	7.7	<1	<1	12/08/15	B.C. Ferry	0.6	0.20	7.8	<1	<1
Sample	Sample	Free Chlorine	Turbidity	pН	Total Coliform	E.Coli	Sample	Sample	Free Chlorine	Turbidity	pН	Total Coliform	E.Coli
Date 11/25/15	Location Tsulquate River	(mg/L)	(NTU) 0.50	6.7	CFU/100ml 214.3	CFU/100ml <1	Date 12/01/15	Location Tsulquate River	(mg/L)	(NTU) 0.31	6.9	CFU/100ml 275.5	CFU/100ml 2.0
11/25/15	(Untreated)		U.3U	0./	214.3	<b>~</b> 1	12/01/15	(Untreated)		0.31	6.9	2/5.5	∠.U

## **Appendix II**

## **Wastewater Treatment Plants & Collection System**









## District of Port Hardy Wastewater Treatment Plants & Collection System



Annual Operations Report 2015 MOE Certification ME-00385 & PE-04168



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Treatment Plant Effluent Ouality	. 7



#### Overview

Port Hardy is located on the northeastern tip of Vancouver Island, British Columbia. There are two major collection areas in the town, each with a wastewater treatment facility. The Airport Wastewater Treatment Plant (AWWTP), built in 1975, is located adjacent to the Transport Canada Airport facility. In February 2012, the existing permit was updated to a new Operational Certificate (ME-105299). Effluent is discharged into the Queen Charlotte Strait. There are three lift stations located in the AWWTP collection system.

The Tsulquate Wastewater Treatment Plant (TWWTP), originally built in 1972, services the majority of the population of Port Hardy, and has historically operated under permit PE-385. The discharge from this facility is sent into Hardy Bay. There are eight lift stations located in the TWWTP collection system. The plant underwent a major upgrade in 2007 which included the addition of two sequential batch reactors, a new headworks and ultraviolet disinfection (UV). The permit was also updated into a more stringent Operational Certificate (ME-00385).

#### **Permits**

The Airport wastewater treatment facility is a Class 2 facility and operates under Operational Certificate ME-105299.

The Tsulquate wastewater treatment facility is a Class 3 facility as deemed by the Environmental Operators Certification Program (EOCP), certification number 1488. The fully upgraded Tsulquate plant operates under the Ministry of Environments Operating Certificate of ME-00385. The historical permit that applied before the upgrades were completed was PE-385.

Operator	Title	Certification					
Joe Jewell	Utilities Supervisor	WT IV, WWT II, WD II WWC I					
Justin Reusch	Justin Reusch Chief Operator						
Roland LeFort	Operator	WWT III, WT I					
Cory Henschke	Operator	WWT I, WD II					



## **Tsulquate Wastewater Treatment Plant Highlights**

The upgraded Tsulquate wastewater treatment plant (TWWTP) has performed very well since the new SBR trains have been online and the modifications to the extended aeration plant were completed in 2008. The combined average effluent flow over the course of 2015 was 1866 m³/day. The design capacity for the entire plant with the SBR trains and the extended aeration train is 2700 m³/day.

#### **Incidents**

There were no incidents at the Tsulquate facility in 2015



## **Airport Wastewater Treatment Plant Highlights**

The Airport wastewater treatment plant (AWWTP) continued to produce excellent effluent in 2015. There were no permit violations. The average influent effluent flow was  $637 \text{ m}^3/\text{day}$ .

#### **Incidents**

Currently, the outfall for the Airport Wastewater Treatment Plant is damaged. A contractor has dove and video inspected the outfall. Pacificus Biological Ltd. has been retained to gather samples in the receiving waters to monitor the fecal coliforms to assess the impact. An engineering firm has also been hired to assess the outfall pipe and provide an improved design or other options to divert flow from the Airport Plant back to the Tsulquate Wastewater Plant in town through an upgraded collection system. The situation is currently classified as a spill due to the fact that the treated effluent is not reaching its intended depth and distance for the shore. The beach continues to be closed from shellfish harvesting as it has for many years. The Ministry of Environment has been contacted and a Provincial Emergency Program (PEP) number has been generated.

The primary screening unit at the facility has failed. Pricing has been obtained for replacement wear bars, scroll brushes and gear box.



### **Collection System**

The collection system is operating well considering the age of the infrastructure. The lift stations remain a focus for the maintenance and capital upgrade programs to address aging infrastructure, as identified in the Liquid Waste Management Plan.

#### **Incidents**

There were no incidents within the collection system in 2015 resulting in spills to the environment. There were numerous events in which losses of power to the liftstations caused by blown line fuses interrupted service but none of them resulted in a spill. Each liftstation is equipped with an alarm dialer on an Uninterrupted Power Supply (UPS) to alert operators in the event of a loss of power or a failure of equipment.

- ➤ The alarm dialer at the Holgrem Flats liftstation has failed. Replacement costs are being obtained
- ➤ The motor and contactor on pump #1 at Peel Street liftstation failed. Both parts were replaced but the pump is still having issues
- > Pump #1 at Pioneer liftstation has failed and has been sent out for a repair quotation



### **EFFLUENT QUALITY DATA**

Effluent quality monitoring of the plant has increased substantially for the upgraded TWWTP, partially due to the monitoring requirements identified in the operational certificate and also due to the increased monitoring that is required to meet higher treatment standards. The data presented in this report includes the results from samples sent to an external laboratory, certified to ISO17025 by CALA, as well as the internal testing results for some of the parameters completed onsite. While the internal data is not CALA accredited, it goes through an extensive QA/QC process. It complements the external data in demonstrating treatment performance due to the increased frequency of the internal testing.

The following two tables summarize the key quality parameters for the Tsulquate and Airport Wastewater Treatment Plants. Receiving environment monitoring was also completed.

Table 1 - TWWTP Effluent Quality Summary

		Tsul	quate V	Vastew	ater Pl	ant Cor	npliance	Testing	5			
	Flow (m <sup>3</sup> )		Un-Ionized Ammonia mg/L		рН			ed Solids (TSS) g/L	Biochemic	naceous cal Oxygen BOD5) mg/L	Fecal Coliforms CFU/100 mL	
	Average	Maximum	Average	Maximum	Average	Maximum	Average	Average Maximum		Maximum	Average	Maximum
January	2144	4782	0.02	0.02	6.6	6.9	9	11	<6	<6	26	150
February	1883	3397	0.01	0.01	6.6	6.7	8	11	<6	<6	15	660
March	2053	4709	0.01	0.01	6.8	6.9	6	6	<6	<6	7	79
April	1417	2108	0.01	0.01	6.5	6.6	9	14	<6	<6	11	90
May	1204	2194	0.02	0.02	6.5	6.9	8	11	<6	<6	41	600
June	1311	2261			6.3	6.5	13	23	8	15	6	160
July	1263	2462			6.6	6.8	10	11.5	<6	<6	95	1400
August	1563	2606	0.013	0.013	6.4	6.7	13	20	7	14	40	320
September	1890	3378			6.1	6.2	9	11	<6	<6	11	84
October	2105	4341			6.5	7.4	12	18	<6	<6	39	150
November	2115	3916			6.5	6.5	10	11	<6	<6	157	1100
December	2518	4845			6.5	6.6	8	11	<6	<6	69	1800

Table 2 - AWWTP Effluent Quality Summary

14616 2 11111	and 2 Milliant Quality Summary															
			Aiı	port V	Vastev	vater I	Plant C	Compli	ance '	<b>Testin</b>	g					
	Flow	r (m³)	рН		Total Suspended Solids (TSS)		Carbonaceous Biochemical Oxygen Demand (CBOD <sub>5</sub> )		Fecal Coliforms CFU/100 mL		Enterococcus CFU/100 mL		Un-Ionized Ammonia mg/L		Amr	otal monia ig/l
	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
January	700	1054	6.2	6.2	14	14	6.9	6.9					<0.01	<0.01	0.39	0.40
February	629	892	6.1	6.1	7	7	<6.0	<6.0	14500	17000	1850	2100	<0.01	<0.01		
March	641	878	6.2	6.6	13	24	<6.0	<6.0					<0.01	<0.01		
April	630	814	6.3	6.5	6.8	6.8	<6.0	<6.0	11400	13000	1350	1400	<0.0005	<0.0005	0.02	0.02
May	560	738	6.1	6.6	8	12	3.0	5.0								
June	555	689	6.6	6.6	10	10	<6.0	<6.0	30000	40000	750	810				
July	536	683	6.3	6.5	8	11	<6.0	<6.0							0.03	0.03
August	564	767	6.2	6.2	11	11	<6.0	<6.0	21500	23000	1150	1200				
September	653	896	6.1	6.1	12	12	<6.0	<6.0								
October	681	975	6.5	6.5	18	18	<6.0	<6.0	140	140	7400	9400			0.07	0.07
November	688	943	6.6	6.6	16	16	<6.0	<6.0								
December	783	1003	6.0	6.0	15	15	<6.0	<6.0	6500	6500	670	740				

## **Appendix III**

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## **Audited Financial Statements**

## & Statement of Financial Information







#### **DISTRICT OF PORT HARDY**

## Statement of Financial Information For the year ended December 31, 2015



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**Checklist - Statement of Financial Information (SOFI)** 

**Audited Financial Statements** 

Schedule of Guarantee and Indemnity Agreements

**Schedule of Remuneration and Expenses** 

**Statement of Severance Agreements** 

**Schedule of Goods and Services** 

**Permissive Tax Exemptions** 

Management Report

**Approval of Financial Information** 

# Financial Information Regulation, Schedule 1 Checklist – Statement of Financial Information (SOFI)

**For the Corporation:** 

Corporate N	Name:	District of Port Hardy		Conta	Contact Name: A			Adrian Maas						
Fiscal Year	End:	December 31,2015		Phone	e Numb	er:		(2	50) 949-6	665				
Date Subm	itted:			E-ma	il:		amaas	@porthar	dy.ca					
For the Mir Ministry Na			F	Reviewe	er.									
Date Recei				Deficien				Yes		No				
Date Review				Deficien		ldre	ssed.	Yes		No				
Approved (				urther						1110	<u> </u>			
Apploved (	o. o,.		— '	artifor .	, totion	- C	<b></b>							
Distribution	: Le	gislative Library	Minis	try Rete	ention									
FIR Schedule 1 Section	Item		Yes	No	N/A			Con	nments					
			Ge	neral							CHILLIA SALTHERY SZ			
1 (1) (a)	Staten	nent of assets and liabilities	X											
1 (1) (b)	Opera	tional statement	X											
1 (1) (c)	Sched	ule of debts	X											
1 (1) (d)		ule of guarantee and nity agreements	×						· · · · · · · · · · · · · · · · · · ·					
1 (1) (e)	1 .	ule of employee remuneration penses	X											
1 (1) (f)	Sched service	ule of suppliers of goods and es	X											
1 (3)	consol	nents prepared on a idated basis or for each fund, propriate	X											
1 (4) 1 (5)		to the financial statements for tements and schedules listed	X											

FIR Schedule 1 Section	Item	Yes	No	N/A	Comments
	Statemer	nt of Ass	sets &	Liabiliti	ies
2	A balance sheet prepared in accordance with GAAP or stated accounting principles / policies, and     Show changes in equity and	×		<b>G</b>	
	surplus or deficit due to operations				
	Оре	rational	Stater	nent	
3 (1)	Prepared in accordance with GAAP or stated accounting principles / policies and consists of:  a Statement of Income or Statement of Revenue and Expenditures, and	X			
	a Statement of Changes in Financial Position				
3 (2) 3 (3)	<ul> <li>The Statement of Changes in Financial Position may be omitted if it provides no additional information</li> <li>The omission must be explained in the notes</li> </ul>	X			
3 (4)	Community colleges, school districts, and municipalities must prepare a Statement of Changes in Financial Position for the Capital Fund	×			
	So	hedule	of Deb	ts	
4 (1) (a) 4 (2)	List each long-term debt (secured by debentures, mortgages, bonds, etc.), stating the amount outstanding, the interest rate, and the maturity date	X			
4 (1) (b)	Identify debts covered by sinking funds or reserves and amounts in these accounts	×			
4 (3) 4 (4)	<ul> <li>The schedule may be omitted if addressed under section 2 or 5 and it provides no additional information</li> <li>The omission must be explained in a note to the schedule</li> </ul>	X			

Schedule of Guara				
	antee ar	nd Inde	mnity	Agreements
List financial agreements that required government approval prior to being given (see Guarantees and Indemnities Regulation in FIA Guidance Package)	X			No Agreements
State the entities involved, and the specific amount involved if known	X			
<ul> <li>The schedule may be omitted if addressed under section 2 or 4 and it provides no additional information</li> <li>The omission must be explained in a note to the schedule</li> </ul>	X			
List separately, by name and position, the total remuneration and the total expenses for each elected official, member of the board of directors, and employee appointed by Cabinet	×			
List alphabetically each employee whose total remuneration exceeds \$75,000 and the total expenses for each [excluding the persons listed under 6 (2) (a)]	×			
Include a consolidated total for employees whose remuneration is \$75,000 or less [excluding the persons listed under 6 (2) (a)]	X	0		*
Reconcile or explain any difference between total remuneration in this schedule and related information in the operational statement	X	П		
Exclude personal information other than name, position, function or remuneration and expenses of employees	×			
	List financial agreements that required government approval prior to being given (see Guarantees and Indemnities Regulation in FIA Guidance Package)  State the entities involved, and the specific amount involved if known  • The schedule may be omitted if addressed under section 2 or 4 and it provides no additional information  • The omission must be explained in a note to the schedule  Schedule of F (See Guidance)  List separately, by name and position, the total remuneration and the total expenses for each elected official, member of the board of directors, and employee appointed by Cabinet  List alphabetically each employee whose total remuneration exceeds \$75,000 and the total expenses for each [excluding the persons listed under 6 (2) (a)]  Include a consolidated total for employees whose remuneration is \$75,000 or less [excluding the persons listed under 6 (2) (a)]  Reconcile or explain any difference between total remuneration in this schedule and related information in the operational statement  Exclude personal information other than name, position, function or remuneration and expenses of	List financial agreements that required government approval prior to being given (see Guarantees and Indemnities Regulation in FIA Guidance Package)  State the entities involved, and the specific amount involved if known  • The schedule may be omitted if addressed under section 2 or 4 and it provides no additional information  • The omission must be explained in a note to the schedule  Schedule of Remune (See Guidance Package)  List separately, by name and position, the total remuneration and the total expenses for each elected official, member of the board of directors, and employee appointed by Cabinet  List alphabetically each employee whose total remuneration exceeds \$75,000 and the total expenses for each [excluding the persons listed under 6 (2) (a)]  Include a consolidated total for employees whose remuneration is \$75,000 or less [excluding the persons listed under 6 (2) (a)]  Reconcile or explain any difference between total remuneration in this schedule and related information in the operational statement  Exclude personal information other than name, position, function or remuneration and expenses of	List financial agreements that required government approval prior to being given (see Guarantees and Indemnities Regulation in FIA Guidance Package)  State the entities involved, and the specific amount involved if known  • The schedule may be omitted if addressed under section 2 or 4 and it provides no additional information  • The omission must be explained in a note to the schedule   Schedule of Remuneration and (See Guidance Package for sure (See Guidance P	List financial agreements that required government approval prior to being given (see Guarantees and Indemnities Regulation in FIA Guidance Package)  State the entities involved, and the specific amount involved if known  • The schedule may be omitted if addressed under section 2 or 4 and it provides no additional information  • The omission must be explained in a note to the schedule  Schedule of Remuneration and Ex (See Guidance Package for suggestee Wide See Guidance Package for See Guida

FIR Schedule 1 Section	Item	Yes	No	N/A	Comments				
Schedule 1									
6 (6)	and CPP as a supplier payment to the Receiver General for Canada rather than as employee	×							
	agreements providing:  the number of severance agreements under which payment commenced in the fiscal year being reported on for non-union employees, and  the range of equivalent months' compensation for them  (see Guidance Package for	×							
6 (8)	statement of severance agreements in a note to the schedule of	×							
7 (1) (a)	List in alphabetical order all suppliers of goods and services who received aggregate payments exceeding \$25,000	X							
7 (1) (b)	Include a consolidated total of all payments to suppliers who received \$25,000 or less	X							
7 (1) (c)	Reconcile or explain any difference between the consolidated total and related figures in the operational statement	X							
7 (2) (b)	Include a statement of payments for the purposes of grants or contributions	X							

FIR Schedule 1 Section	Item	Yes	No	N/A	Comments
	Inac	ctive Co	rporati	ons	
8 (1)	The ministry reports for the corporation if the corporation is not operating to the extent required to produce a SOFI				
8 (2) (a)	The ministry's report contains the statements and schedules required under section 1 (1), to the extent possible				
8 (2) (b)	The ministry's report contains a statement of the operational status of the corporation (see Guidance Package regarding what to include)				
	Approvai	of Fina	ncial In	format	ion
9 (1)	Corporations other than municipalities – the SOFI is signed as approved by the board of directors or the governing body (see Guidance Package for example)				
9 (2)	Municipalities – the SOFI is approved by its council and by the officer assigned responsibility for financial administration (see Guidance Package for example)	X			Council approved at open meeting May 10,2016
9 (3)	A management report is included, signed by the head and chief financial officer, or by the municipal officer assigned responsibility for financial administration (see examples in annual report at <a href="http://www.gov.bc.ca/cas/popt/">http://www.gov.bc.ca/cas/popt/</a> )	X			
9 (4)	The management report explains the roles and responsibilities of the board of directors or governing body, audit committee, management, and the auditors	X			
9 (5)	Signature approvals required in section 9 are for each of the statements and schedules of financial information, not just the financial statements	X			

## **District of Port Hardy**

#### Consolidated **Financial Statements**

**December 31, 2015** 



Photo courtesy Aidan Wood

# District of Port Hardy December 31, 2015

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The accompanying financial statements are the responsibility of management. To ensure their integrity, objectivity and reliability, the statements have been prepared in accordance with the recommendations of the Public Sector Accounting Board, which are generally accepted accounting principles for British Columbia municipalities and are outlined in (Note 1) to the Consolidated Statements. Some amounts on these statements are based on management's best estimates and careful judgment.

Management maintains a system of internal accounting controls to provide reasonable assurance that assets are safeguarded and that transactions are authorized, recorded and reported properly.

Council is responsible for ensuring that management fulfils its responsibilities for financial reporting and internal control and exercises this responsibility through the Council. The Council reviews external Audited Financial Statements annually.

The external auditors, MNP LLP, are appointed by Council to conduct an independent examination in accordance with Canadian auditing standards, and express their opinion on the financial statements. Their examination includes a review and evaluation of the District's system of internal control and appropriate tests and procedures to provide reasonable assurance that the financial statements are presented fairly. The external auditors have full and free access to financial records and management of the District of Port Hardy.

Adrian Maas CPA, CGA

Chief Financial Officer

напк воод

Mayor

**Independent Auditors' Report** 

To the Mayor and Council of the District of Port Hardy:

We have audited the accompanying consolidated financial statements of the District of Port Hardy, which comprise the consolidated statement of financial position as at December 31, 2015 and the consolidated statements of operations, changes in net financial assets and cash flows for the year then ended, and a summary of significant accounting policies, schedules and other explanatory information.

Management's Responsibility for the Consolidated Financial Statements

Management is responsible for the preparation and fair presentation of these consolidated financial statements in accordance with Canadian public sector accounting standards, and for such internal control as management determines is necessary to enable the preparation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these consolidated financial statements based on our audit. We conducted our audit in accordance with Canadian generally accepted auditing standards. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the consolidated financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the consolidated financial statements present fairly, in all material respects, the financial position of the District as at December 31, 2015, and the results of its operations, changes in net financial assets and its cash flows for the year then ended in accordance with Canadian public sector accounting standards.

Campbell River, British Columbia

May 10, 2016

**Chartered Professional Accountants** 

MNPLLP



## **District of Port Hardy**Consolidated Statement of Financial Position

As At December 31, 2015

	2015	2014
Financial Assets		
Cash and cash equivalents (Note 2)	\$ 4,204,175	\$ 3,610,933
Accounts receivable (Note 3)	1,616,391	1,585,629
Investment in Government business enterprises (Note 19)	96,605	211,877
Tax sale properties	19,467	13,509
Land held for resale	506	506
	5,937,144	5,422,454
Financial Liabilities		
Accounts payable and other liabilities (Note 4)	590,213	558,154
Tax sale properties deposits	3,948	7,765
Performance deposits and bonds (Note 5)	15,994	12,794
Deferred revenue (Note 6)	143,886	135,082
Capital leases (Note 8)	117,746	642,705
Capital borrowing (Note 21)	123,575	59,600
Long-term debt (Note 9)	465,077	684,287
	1,460,439	2,100,387
Net Financial Assets	4,476,705	3,322,067
Non-Financial Assets		
Tangible capital assets (Note 10)	38,390,513	39,731,026
Inventory	140,383	196,175
Prepaids	57,650	68,687
	38,588,546	39,995,888
Accumulated Surplus (Schedule 3)	\$ 43,065,251	\$ 43,317,955

Commitments and contingencies (Note 16)

Approved by:

Adrian Maas CPA, CGA

**Chief Financial Officer** 

District of Port Hardy
Consolidated Statement of Operations
For the Year Ended December 31, 2015

	2015	2015 Budget (Note 12)	2014
Revenue			
Taxes	\$ 2,425,021	\$ 2,428,129	\$ 2,366,928
Payments in lieu of taxes	165,229	163,580	166,292
Sewer user rates	1,027,216	1,027,000	1,027,703
Water user rates	1,231,129	1,205,000	1,222,983
Sale of services	1,193,203	1,114,609	1,228,528
Other revenue	455,470	283,170	501,479
Income from investment in Government business enterprises (Note 19)	-	-	174,305
Government transfers from other governments	762,426	475,000	1,116,914
	7,259,694	6,696,488	7,805,132
Expenses			
General government services	927,853	977,129	892,945
Transportation services	1,738,839	1,677,865	1,749,519
Protective services	460,658	470,575	442,703
Environmental health services	265,487	283,326	273,210
Recreation and culture	1,322,295	1,360,892	1,387,894
Community development	93,595	116,189	126,013
Water	1,338,782	1,344,754	1,422,665
Sewer	 1,364,889	1,316,587	1,334,407
	7,512,398	7,547,317	7,629,356
Annual surplus (deficit)	(252,704)	(850,829)	175,776
Accumulated surplus, beginning of year	 43,317,955	43,317,955	43,142,179
Accumulated surplus, end of year	\$ 43,065,251	\$42,467,126	\$ 43,317,955

District of Port Hardy
Consolidated Statement of Changes in Net Financial Assets
As At December 31, 2015

	2015	2015 Budget (Note 12)	2014
Annual surplus (deficit)	\$ (252,704)	\$ (850,829)	\$ 175,776
Acquisition of tangible capital assets	(532,777)	(831,000)	(597,438)
Amortization	1,812,522	1,650,000	1,820,611
Loss on disposal of tangible capital assets	-	-	19,140
Proceeds on sale of tangible capital assets	-	-	36,441
Capital Lease Adjustment	60,768	-	
	1,340,513	819,000	1,278,754
Acquisition of prepaid expense	(57,650)	-	(68,687)
Acquisition of supplies inventory	55,792	-	9,828
Use of prepaid expense	68,687	-	59,449
	66,829	-	590
Change in net financial assets	1,154,638	(31,829)	1,455,120
Net financial assets, beginning of year	3,322,067	3,322,067	1,866,947
Net financial assets, end of year	\$ 4,476,705	\$ 3,290,238	\$ 3,322,067

# District of Port Hardy Consolidated Statement of Cash Flows

For the Year Ended December 31, 2015

		2015	2014
Cash Provided By (Used In)			
Operating Activities			
Annual Surplus ( Deficit )	\$	(252,704) \$	175,776
Increase (Decrease) in Non Financial Assets			
Amortization		1,812,522	1,820,611
Capital lease adjustment		60,769	-
(Gain) Loss on disposal of assets		(17,976)	19,140
Trade-in of capital asset		-	(3,300)
Change in inventory		55,792	9,828
Change in prepaids	_	11,037	(9,238)
	_	1,669,440	2,012,817
(Increase) Decrease in Financial Assets and Liabilities			
Change in accounts receivable		(30,762)	376,669
Change in investment in Government business enterprises		115,272	25,695
Change in tax sale properties		(5,958)	14,216
Change in accounts payable		32,059	(309,484)
Change in tax sale deposits		(3,817)	(26,091)
Change in performance deposits and bonds		3,200	(2,106)
Change in deferred revenue		8,804	(550,577)
Actuarial adjustment on debt	_	(52,629)	(44,197
Cash provided by operating transactions		1,735,609	1,496,942
Capital Activities			
Acquisition of tangible capital assets		(532,777)	(523,316)
Proceeds on sale of tangible capital assets		17,976	36,441
Financing Activities	_	(514,801)	(486,875)
Capital lease repaid		(556,184)	(346,122)
Debenture debt repaid		(166,582)	(166,582)
Capital borrowing		95,200	
		(627,566)	(512,704)
Net increase in cash and cash equivalents		593,242	497,363
Cash and cash equivalents at beginning of period	_	3,610,933	3,113,570
Cash and cash equivalents at end of period Continued on next page	<u>\$</u>	4,204,175 \$	3,610,933

The accompanying notes are an integral part of these financial statements.

District of Port Hardy
Consolidated Statement of Cash Flows
For the Year Ended December 31, 2015

		2015	2014
Consolidated Statement of Cash Flows continued. Represented by			
Cash	\$	383,150	\$ 586,871
Investments	_	3,821,025	3,024,062
	\$	4,204,175	\$ 3,610,933
Supplemental information			
Interest paid	\$	176,485	\$ 156,124
Interest received	\$	47,732	\$ 53,721

Notes to the Consolidated Financial Statements For the Year Ended December 31, 2015

The District of Port Hardy was incorporated in 1966 under the provisions of the British Columbia Municipal Act. Its principal activities are the provision of local government services to the residents of the Municipality. These services include general government administration, bylaw enforcement, planning and land use, building inspection, fire protection, parks and recreation, water distribution and sewer collection, wastewater disposal, garbage and recycling services and road and street maintenance.

# 1. Significant Accounting Policies:

#### a) Basis of Presentation

The District of Port Hardy follows accounting principles accepted for British Columbia municipalities and applies these principles consistently. The consolidated financial statements have been prepared in accordance with Canadian public sector accounting standards as prescribed by the Public Sector Accounting Board (PSAB) of CPA Canada. The consolidated financial statements reflect the combined results and activities of the reporting entity which is comprised of the General, Water and Sewer, Operating, Capital and Reserve funds. Inter-fund transactions have been eliminated on consolidation.

### b) Revenue Recognition

Sources of revenue are recorded on the accrual basis and include revenue in the period in which the transaction or events occurred. Taxation revenues are recognized at the time of issuing the property tax notices for the fiscal year. Sale of services and user fee revenues are recognized when the service or product is rendered by the District. Development contributions are recorded as contributed tangible capital assets at their fair value on the date of contribution. Amounts received from non-government sources in advance of services being rendered are recorded as deferred revenue until the obligations that led to the collection of funds has been discharged. The District recognizes a government transfer as revenue when the transfer is authorized and all eligibility criteria, if any, have been met. A government transfer with stipulations giving rise to an obligation that meets the definition of a liability is recognized as a liability. In such circumstances, the District recognizes revenue as the liability is settled. Transfers of non-depreciable assets are recognized in revenue when received or receivable. Other revenue is recorded when performance of services is complete, amounts are measurable, and collectibility is reasonably assured. Income from investment in Government business enterprises is recorded using the modified equity method, based on the District's portion of annual earnings from the government business enterprises for the year (see Note 19).

# c) Cash and cash equivalents

Cash and cash equivalents comprise cash on hand, demand deposits and short-term highly liquid investments with original maturities of three months or less that are readily convertible into known amounts of cash and which are subject to an insignificant risk of changes in value.

#### d) Inventory

Inventory is valued at the lower of cost and net realizable value. Cost is determined by the weighted average method. Inventory held for resale which includes property and chattels is recorded as accrued property tax revenue, interest, penalties, cost of chattels and carrying costs less a provision for potential shortfall of proceeds from a sale or conversion. Inventory for resale is recorded at lower of cost or net realizable value as a financial asset. Inventory of supplies is recorded at the lower of cost or net realizable value as a non-financial asset.

Notes to the Consolidated Financial Statements For the Year Ended December 31, 2015

# 1. Significant Accounting Policies Continued:

### e) Leases

Leases, which transfer substantially all of the benefits and risks incidental to ownership of property are accounted for as leased tangible capital assets. All other leases are accounted for as operating leases and related payments are charged to expenses as incurred.

#### f) Financial Instruments

The Municipality's financial instruments consist of cash and cash equivalents, accounts receivable, accounts payable, and other liabilities, performance deposit and bonds, capital borrowing, and long-term debt. It is management's opinion that the Municipality is not exposed to significant interest, currency or credit risk arising from these financial instruments, except as described in Note 3.

# g) Accrued Employee Benefits

Accrued employee benefits include an allowance for sick leave, vacation and severance benefits. These benefits are based on obligations as determined by collective agreements and contractual arrangements. Allowances for sick leave and vacation entitlement are recorded in the year in which they are earned. Severance benefits are recorded in the year in which they are earned. For union employees, 1 week is earned for each year of employment, to a maximum of 10 or 12 weeks depending on the union. Non-union employees earn severance in accordance with individual contracts or the BC labour standards. The severance banks are then multiplied by 10% for senior management and 2% for all other employees to estimate the potential for the District paying out severance.

# h) Use of Estimates

The preparation of consolidated financial statements in conformity with Canadian public sector accounting standards requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and the reported amounts of revenues and expenses—during the period. Significant areas requiring estimates include the determination of collectability of accounts receivable, accrued payroll liabilities, tangible capital assets and provisions for contingencies. Accounts receivable are stated after evaluation of their collectability. Amortization is based on the estimated useful lives of tangible capital assets. Accrued employee benefits liabilities are estimated based on the anticipated wage rate increases, time value of money and expected average length of employment of District staff. These estimates and assumptions are reviewed periodically and, as adjustments become necessary, they are reported in earnings in the periods in which they become known. Liabilities for contaminated sites are estimated based on the best information available regarding potential contaminated sites that the District of Port Hardy is responsible for.

Notes to the Consolidated Financial Statements For the Year Ended December 31, 2015

# 1. Significant Accounting Policies Continued:

# i) Tangible Capital Assets

Tangible capital assets are recorded at cost, net of disposals, write-downs and amortization. Tangible capital asset expenses exceeding the thresholds per major category are capitalized. The average useful life is applied straight line to calculate amortization. Amortization is taken at one-half of the calculated amount in the year of acquisition and/or disposal.

	Average Useful Life
Land	Indefinite
Land Improvements	10 -40 years
Buildings	20 - 80 years
Equipment	5 - 25 years
Engineering Structures	
Roads	10 - 60 years
Water	8 - 100 years
Sewer	8 - 100 years

Carrying costs directly attributable to the acquisition, construction or development activity are capitalized to the point in time the asset is substantially complete and ready for use. Contributed tangible capital assets are recorded at their fair value on the date of contribution. Assets under construction are not amortized until the asset is in use.

#### j) Liability for contaminated sites

A liability for remediation of a contaminated site is recognized at the best estimate of the amount required to remediate the contaminated site when contamination exceeding an environmental standard exists, the District of Port Hardy is either directly responsible or accepts responsibility, it is expected that future economic benefits will be given up, and a reasonable estimate of the amount is determinable. The best estimate of the liability includes all costs directly attributable to remediation activities and is reduced by expected net recoveries based on information available as at December 31,2015.

At each financial reporting date the District of Port Hardy reviews the carrying amount of the liability. Any revisions required to the amount previously recognized is accounted for in the period revisions are made. The District of Port Hardy continues to recognize the liability until it is settled or otherwise extinguished. Disbursements made to settle the liability are deducted from the reported liability when they are made.

# k) Recent Accounting Pronouncements

## PS 2200 Related Party Disclosures

In March 2015 as part of the CPA Canada Public Sector Accounting Handbook Revisions Release No. 42, the Public Sector Accounting Board (PSAB) issued a new standard, PS 2200 Related Party Disclosures.

This new section defines related party and established disclosures required for related party transactions. Disclosure of Information about related party transactions and the relationships underlying them is required when they have occured at a value different from that which would have been arrived at if the parties were unrelated, and they have, or could have, a material financial effect on the financial statements.

Notes to the Consolidated Financial Statements For the Year Ended December 31, 2015

# 1. Significant Accounting Policies Continued:

# k) Recent Accounting Pronouncements Continued

This section is effective for fiscal years beginning on or after April1, 2017. Early adoption is permitted.

The District of Port Hardy does not expect application of the new standards to have a material effect on the consolidated financial statements.

#### PS 3210 Assets

In June 2015, new PS 3210 Assets was included in the CPA Canada Public Sector Accounting Handbook (PSA HB). The new Section provides guidance for applying the definition of assets set out in PS 1000 Financial Statement Concepts. The main features of this standard are as follows.

Assets are defined as economic resources controlled by a government as a result of past transactions or events and from which future economic benefits are expected to be obtained.

Economic resources can arise from such events as agreements, contracts, other governments legislation, the governments own legislation, and voluntary contributions.

The public is often the beneficiary of goods and services provided by a public sector entity. Such assets benefit public sector entities as they assist in achieving the entity's primary objective of providing public goods and services.

A public sector entity's ability to regulate an economic resource does not, in and of itself, constitute control of an asset, if the interest extends only to the regulatory use of the economic resource and does not include the ability to control access to future economic benefits.

A public sector entity acting as a trustee on behalf of beneficiaries specified in an agreement or statute is merely administering the assets and does not control the assets, as future economic benefits flow to the beneficiaries.

An economic resource may meet the definition of an asset, but would not be recognized if there is no appropriate basis for measurement and a reasonable estimate cannot be made, or if another Handbook Section prohibits its recognition. Information about assets not recognized should be disclosed in the notes.

The standard is effective for fiscal years beginning on or after April 1, 2017. Earlier adoption is permitted.

The District of Port Hardy does not expect application of the new Standard to have a material effect on the consolidated financial statements

# **PS 3320 Contingent Assets**

In June 2015, PS 3320 Contingent Asses was included in the CPA Canada Public Sector Accounting Handbook (PSA HB). The new Section establishes disclosure standards on contingent assets. The main features of this standard are as follows:

Notes to the Consolidated Financial Statements For the Year Ended December 31, 2015

# 1. Significant Accounting Policies Continued:

# k) Recent Accounting Pronouncements Continued

Contingent assets are possible assets arising from existing conditions or situations involving uncertainty. That uncertainty will ultimately be resolved when one or more future events not wholly within the public sector entity's control occurs or fails to occur. Resolution of the uncertainty will confirm the existence or non-existence of an asset.

Passing legislation that has retroactive application after the financial statement date cannot create an existing condition or situation at the financial statement date.

Elected or public sector officials announcing public sector intentions after the financial statement date cannot create an existing condition or situation at the financial statement date.

Disclosures should include existence, nature, and extent of contingent assets, as well as the reason for any non-disclosure of extent, and the basis for any estimates of extent made.

When a reasonable estimate can be made, disclosure should include a best estimate and a range of possible amounts (or a narrower range of more likely amounts), unless such a disclosure would have an adverse impact on the outcome.

The Standard is effective for fiscal years beginning on or after April 1, 2017. Earlier adoption is permitted. The District of Port Hardy does not expect application of the new Standard to have a material effect on the consolidated financial statments.

#### **PS 3380 Contractual Rights**

In June 2015, new PS 3380 Contractual Rights was included in the CPA Canada Public Sector Accounting Handbook (PSA HB). This new Section establishes disclosure standards on contractual rights, and does not include contractual rights to exchange assets where revenue does not arise. The main features of this Standard are as follows:

Contractual rights are rights to economic resources arising from contracts or agreements that will result in both an asset and revenue in the future.

Until a transaction or event occurs under a contract or agreement, an entity only has a contractual right to an economic resource. Once the entity has received an an asset, it no longer has a contractual right.

Contractual rights are distinct from contingent assets as there is no uncertainty related to the existence of the contractual right.

Disclosures should include descriptions about nature, extent and timing.

The standard is effective for fiscal years beginning on or after April 1, 2017. Earlier adoption is permitted.

The District of Port Hardy does not expect application of the new Standard to have a material effect on the consolidated financial statements.

Notes to the Consolidated Financial Statements For the Year Ended December 31, 2015

# 1. Significant Accounting Policies Continued:

# k) Recent Accounting Pronouncements Continued

### **PS 3430 Restructuring Transaction**

In June 2015, new PS 3430 Restructuring Transactions was included in the CPA Canada Public Sector Accounting Handbook (PSA HB). The new Section establishes disclosure standards on contingent assets. The main features of this Standard are as follow:

A restructuring transaction is defined seperately from an acquisition. The key distinction between the two is the absence of an exchange of consideration in a restructuring transaction.

A restructuring transaction is defined as a transfer of an integrated set of assets and/or liabilities, together with related program or operating responsibilities that does not involve an exchange of consideration.

Individual assets and liabilities transferred in a restructuring transaction are derecognized by the transferor and recognized by the recipient at their carrying amount with applicable adjustments.

The increase in net assets or net liabilities resulting from recognition and derecognition of individual assets and liablities received from all transferors, and transferred to all recipients in a restructuring transaction is recognized as revenue or as an expense.

Restructuring-related costs are recognized as expenses when incurred.

Individual assets and liabilities received in a restructuring transaction are initially classified based on the accounting policies and circumstances of the recipient at the restructuring date.

The financial position and results of operations prior to the restructuring date are not restated.

Disclosure of information about the transferred assets, liabilities and related operations prior to the restructing date by the recipient is encouraged but not required.

The Section is effective for new restructing transactions that occur in fiscal periods beginning on or after April 1, 2018. Earlier adoption is encouraged.

The District of Port Hardy does not expect application of the new Standard to have a material effect on the consolidated financial statements.

Notes to the Consolidated Financial Statements For the Year Ended December 31, 2015

# 2. Cash and cash equivalents

	2015 2014
General revenue fund Reserve accounts	\$ 4,192,229 \$ 3,599,088 11,946 11,845
	\$ 4,204,175 \$ 3,610,933

The above balances include Municipal Finance Authority money market account \$3,821,025 (2014 - \$3,024,062), carried at cost, which is also equal to market value.

# 3. Accounts Receivable

	2015		2014
Property taxes	\$	557,540	\$ 624,788
Other Governments		438,093	313,378
Trade and other		893,532	912,971
		1,889,165	1,851,137
Less allowance for doubtful accounts		(272,774)	(265,508)
	\$	1,616,391	\$ 1,585,629

Wharf receivables total \$257,186 (2014 - \$239,189). Of this amount \$217,748 (2014 - \$195,805) is 90 days overdue and has been recorded in allowance for doubtful accounts above.

# 4. Accounts Payable and other liabilities

			2015	2014
	Other Governments	\$	17,437 \$	79,654
	Accrued wages and benefits		234,271	255,225
	Trade and other	E	338,505	223,275
		\$	590,213 \$	558,154
5.	Performance deposits and bonds			
			2015	2014
	Other deposits	\$	15,994 \$	12,794

Notes to the Consolidated Financial Statements For the Year Ended December 31, 2015

#### 6. Deferred Revenue

	2015	2014
Prepaid taxes	\$ 39,194	\$ 31,840
Prepaid fees and charges	50,101	50,888
Other deferred revenue	 54,591	 52,354
	\$ 143,886	\$ 135,082

## 7. Federal Gas Tax Funds

Gas tax transfers are recorded as revenues when received. Unspent funds are included in Operating Funds Surplus (see Schedule 3)

	2015	2014
Opening balance of unspent funds	\$ 535,025 \$	512,117
Add: Amount received during the year	214,357	214,358
Interest earned	5,790	5,644
Less: Amount spent on eligible projects	 (131,272)	(197,094)
Closing balance of unspent funds	\$ 623,900 \$	535,025

# 8. Capital Leases

The Municipality leases fire and rescue equipment and a water system under capital leases. The economic substance of the leases is that the Municipality is financing the acquisition of the assets though the leases and accordingly, they are recorded in the Municipality's tangible capital assets and liabilities. (Note 10)

Future minimum lease payments under the capital leases together with the balance of the obligations due:

2016	\$ 52,181
2017	36,116
2018	24,885
2019	 7,995
Total minimum lease payments	121,177
Less: amount representing interest	 (3,431)
Obligations under capital lease	\$ 117,746

Total interest expense during the year was \$5,066 (2014 \$14,310) and interest rates were constant at 2.00% (2.00% in 2014).

Notes to the Consolidated Financial Statements For the Year Ended December 31, 2015

# 9. Long-Term Debt

	Balance, Beginning of year	Additions	Principal epayments and actuarial recognized	Balance, end of year
Sewer Fund	 			
Long-term debt	\$ 684,287	\$ -	\$ (219,210)	\$ 465,077

The following represents the principal repayments over the next two years: The loan will be repaid in 2017.

2016	\$ 166,582
2017	 166,582
	\$ 333,164

This long-term debt is payable to the Municipal Finance Authority (MFA). The debt is repayable at \$166,582 plus interest (4.82%) per year.

## 10. Tangible Capital Assets (Schedule 2)

	2015	2014
Land and Improvements	\$ 4,849,803	\$ 4,908,534
Buildings	3,570,088	3,678,211
Furniture and Equipment	206	2,871
Vehicles and Machinery	1,325,949	1,387,813
Computer Hardware and Software	7,420	12,366
Engineering Structures		
Roads	12,622,578	12,977,943
Water	6,051,899	6,424,106
Sewer	9,962,570	10,339,182
	\$38,390,513	\$39,731,026

The cost of capital assets under construction in 2015 is \$NIL (\$NIL in 2014).

The net book value of leased assets in 2015 is \$760,493 (\$1,406,023 in 2014)

Tangible capital assets include land under the District's roads, which is disclosed at a nominal amount. Art and historic treasures are displayed at various District facilities and consist of painting, historical photographs, sculptures, carvings and other cultural artifacts. These items have not been included in tangible capital assets due to the inability of estimating future benefits associated with such property.

Notes to the Consolidated Financial Statements For the Year Ended December 31, 2015

#### 11. Pension Liability

The employer and its employees contribute to the Municipal Pension Plan (Plan), a jointly trusteed pension plan. The Board of Trustees, representing plan members and employers, is responsible for overseeing the management of the Plan, including investment of the assets and administration of benefits. The Plan is a multi-employer contributory pension plan. Basic pension benefits provided are based on a formula. As at December 31, 2014 the plan has about 185,000 active members and approximately 80,000 retired members. Active members include approximately 37,000 contributors from the Local Governments.

Every three years an actuarial valuation is performed to assess the financial position of the plan and adequacy of plan funding. The actuary determines an appropriate combined employer and member contribution rate to fund the plan. The actuary's calculated contribution rate is based on the entry-age normal cost method, which produces the long-term rate of member and employer contributions sufficient to provide benefits for average future entrants to the plan. This rate is then adjusted to the extent there is amortization of any funding deficit.

The most recent actuarial valuation as at December 31, 2012 indicated a \$1.370 billion funding deficit for basic pension benefits on a going concern basis.

The next valuation will be as at December 31, 2015 with results available in 2016.

Employers participating in the Plan record their pension expense as the amount of employer contributions made during the fiscal year (defined contribution pension plan accounting). This is because the Plan records accrued liabilities and accrued assets for the Plan in aggregate with the result that there is no consistent and reliable basis for allocating the obligation, assets and cost to the individual employers participating in the Plan.

The District of Port Hardy paid \$149,889 (2014 - \$154,397) for employer contributions while employees contributed \$143,603 (2014 - \$143,992) to the plan in fiscal 2015.

# 12. Budget Figures

The budget amounts presented throughout these financial statements are based on the Five Year Financial Plan bylaw adopted by Council on April 14, 2015, except in regard to budget amounts for amortization and tangible capital assets.

Annual surplus, as adopted April 14, 2015 Add:		0
Aquisition of tangible capital assets	\$	831,000
Debenture principal repayments Less:		640,200
Interfund transfers	(	2,322,029)
Annual deficit restated	\$	(850,829)

Notes to the Consolidated Financial Statements For the Year Ended December 31, 2015

#### 13. Collections for Other Governments

The District is required to collect taxes on behalf of and transfer these amounts to the governments and/or its agencies noted below. These sums are not included in the schedules to these statements.

	2015	2014
School District 85	\$ 1,402,443	1,427,213
Mount Waddington Regional District	369,299	388,020
Mount Waddington Regional Hospital District	132,365	142,860
B.C. Assessment Authority	26,778	28,687
Municipal Finance Authority	85	87
Provincial Government - Police Tax	178,392	176,518
Vancouver Island Regional Library	145,808	129,488
	\$ 2,255,170	2,292,873

# 14. Trust Funds

The District operates the cemetery and maintains a cemetery perpetual care fund in accordance with the Cremation, Interment and Funeral Services Act. The trust fund assets and liabilities are not included in the consolidated financial statements. At December 31, 2015, the balance of funds held in trust was \$29,753 (2014 - \$29,753).

The District operates the Fisherman's Wharf for the Department of Fisheries and Oceans and acts as project manager for the capital items constructed. The assets and liabilities of the operations are not included in the consolidated financial statements.

#### 15. Payroll Benefits

Full-time permanent employees receive their full sick bank up to 60 days upon retirement or one third upon termination. There are no additional liabilities accrued for these amounts as they are included in the sick leave and vacation liability accounts. Specified officers of the District are entitled to severance benefits. This liability is recorded as the severance benefits are negotiated. The reported liability reflects the likelihood that employees will become eligible for this benefit.

Vacation liability at December 31, 2015 is \$26,288 (2014 - \$31,379).

Sick leave liability at December 31, 2015 is \$89,430 (2014 - \$79,030).

Severance liability at December 31, 2015 is \$41,900 (2014 - \$46,051).

Notes to the Consolidated Financial Statements For the Year Ended December 31, 2015

# 16. Commitments and Contingencies

# a) Municipal Insurance Association of British Columbia

The District is a subscribed member of the Municipal Insurance Association of British Columbia as provided by section 3.02 of the Insurance Act of the Province of British Columbia (the Exchange"). The main purpose of the Exchange is to pool the risks of liability so as to lessen the impact upon any subscriber. Under the Reciprocal Insurance Exchange Agreement, the District is assessed a premium and a specific deductible for claims is based on population. The obligation of the District with respect to the Exchange and/or contract and obligation entered into by the Exchange on behalf of its subscribers in connection with the Exchange are in every case several, not joint and several. The District irrevocably and unconditionally undertakes and agrees to indemnify and save harmless the other subscribers against liability losses and costs which the other subscriber may suffer.

# b) Legal Actions

Each year the District is involved in certain legal actions. Financial implications of potential claims against the District, resulting from such litigation and not covered by insurance, are accrued to the extent that amounts can be reasonably estimated. Otherwise, such claims are recognized in the year in which a definitive obligation is determined.

# c) Mount Waddington Regional District

The District is responsible, as a member of the Mount Waddington Regional District, for its portion of any operating deficits or long-term debt related function in which it participates.

# d) Airport Wastewater Treatment Facility

The District's outfall at the airport wastewater facility has significant storm damage. The facility is currently operating within the effluent treatment parameters and therefore no liability for contaminated sites is being accrued, but significant repairs are needed. The District has established that repairs can be made at a cost of approximately \$40,000 and this is anticipated to be completed before summer of 2016. As at December 31, 2015 no amounts have been accrued in these financial statements for these anticipated future costs.

Notes to the Consolidated Financial Statements For the Year Ended December 31, 2015

# 17. Deposit and Reserve - Municipal Finance Authority

The District issues certain of its debt instruments through the Municipal Finance Authority of British Columbia (the Authority). As a condition of these borrowings and as required by legislation, a debt reserve fund is to be established in the amount of one-half the average annual installment of principal and interest as set out in the agreement(s) entered into. The reserve is funded in part by cash, being the withholding of 1% of the total issue proceeds, and the remainder being funded by a demand note whereby the District may be required to loan certain amounts to the Municipal Finance Authority. These demand notes are contingent in nature and are not reflected in the accounts of the District.

Details of the cash deposits on hand are:

	2015	2014
Sewer Fund Cash Deposits	\$ 26,266 \$	25,610

Notes to the Consolidated Financial Statements For the Year Ended December 31, 2015

#### 18. Segmented Information

For management reporting purposes the District's operations and activities are organized and reported by Fund. Funds were created for the purpose of recording specific activities to attain certain objectives in accordance with special regulation, restriction or limitations. District services are provided by departments and their activities are reported in the funds. Certain departments that have been separately disclosed in the segmented information on Schedule 1, along with the services they provide, are as follows:

#### **Protection**

Protection is comprised of the Volunteer Fire Department, the Emergency Preparedness coordinator, building inspection and bylaw enforcement.

# **Community Development**

The Community development department provides economic development services. These services consist of downtown revitalization, grant proposals and new business and development.

#### **Recreation & Culture**

The Recreation and Culture department provides recreation and leisure services such as fitness and aquatic programs, the library and the museum.

### **Waste Management**

This service is for the collection and disposal of solid waste and recycling program,

# **Public Works**

The Public Works department delivers the municipal services related to maintenance of the roads, sidewalks, parks, open space, street lighting and storm drains.

#### **General Government**

Provide services related to corporate and legislative administration, governance, financial management, human resources and information technology.

#### Water

The water department is responsible for the water treatment plant and distribution system.

#### Sewer

The waste water department is responsible for the treatment and collection system for waste water.

For each reported segment, revenues and expenses represent amounts that are directly attributable to the segment and amounts that are allocated on a reasonable basis. The General Revenue Fund reports on municipal services that are funded by taxation. The taxes are apportioned to the fund services based on the net surplus.

Notes to the Consolidated Financial Statements For the Year Ended December 31, 2015

# 19. Investment in Government Business Enterprises

The investment in the North Island Community Forest Limited Partnership (NICFLP) is reported as a government business partnership and North Island Community Forest Ltd. (NICF LTD) as a government business enterprise. These businesses are accounted for using the modified equity method. Under this method, the government businesses' accounting principles are not adjusted to conform with those of the District and inter-corporate transactions are not eliminated.

As a government business partnership, the NICFLP is required to report under International Financial Reporting Standards (IFRS). In the prior and current year, the NICFLP financial statements were prepared under Canadian Accounting Standards for Private Enterprises (ASPE). Any difference between ASPE and IFRS would likely be insignificant.

	2015	2014
Summary of investment in Government Businesses		
NICFLP	\$ 91,565 \$	206,807
NICF LTD.	 5,040	5,070
	 96,605	211,877
Summary of results of operations	 	
NICFLP	(4,486)	172,562
NICF LTD.	(45)	1,743
	\$ (4,531) \$	174,305

The condensed supplementary financial information of the NICFLP is as follows:

	2015	2014
Financial Position		
Current and other assets	\$ 301,816 \$	667,286
Current and other liabilities	11,955	31,608
Partner's capital	 289,861	635,678
Results of operations	 	
Revenues	26,725	573,576
Expenses	 40,319	50,660
Net surplus (loss)	\$ (13,594) \$	522,916

During the year the District received a dividend from the NICFLP of \$110,741 (2014 - \$200,000).

# 20. Comparative Figures

Certain comparative figures have been reclassified to conform with the current year's presentation.

Notes to the Consolidated Financial Statements For the Year Ended December 31, 2015

#### 21. Capital Borrowing

Short term financing is secured through the Municipal Finance Authority for capital initiatives approved under loan authorizations. Interest is calculated daily on a variable rate basis at a .5% spread on top of the CDOR (Canadian Dealer Offered Rate) rate. In 2015 the rate varied between 2.94 % and 1.47%. At December 31, 2015 the rate was 1.48%. Short-term borrowing is replaced by long-term debt periodically when balances and interest rates are considered inappropriate.

# 22. Change in accounting policy

Effective January 1, 2015, the District of Port Hardy adopted the recommendations in PS 3260 Liabilities for Contaminated Sites, as set out in the Canadian public sector accounting standards. Pursuant to the recommendations, the change was applied prospectively, and prior periods have not been restated.

Previously, no accounting policy existed to account for a liability for contaminated sites. Under the new recommendations, the District of Port Hardy is required to recognize a liability for contaminated sites when economic benefits will be given up, as described in Note 1. k), Significant Accounting Policies.

There was no effect on the District of Port Hardy's financial statements from adopting the above noted change in accounting policy

Consolidated Schedule of Segmented Disclosure

For the Year Ended December 31, 2015

Schedule 1 (Note 18)

38,275 644,778 324,147 141,268 (19,055) \$ (1,079,803) \$ (1,140,573) 209,046 247,321 277,701 1,387,894 Recreation and culture 2014 35,948 206,544 321,124 112,672 1,322,295 242,492 646,094 242,405 2015 2,786 30,910 251,369 17,020 225,280 273,210 254,155 **Environmental health** 2014 services (5,258) \$ 12,174 32,872 265,487 258,138 2,091 220,441 260,229 2015 (361,525) \$ 53,355 74,502 27,823 114,402 172,622 81,177 81,178 442,703 2014 Protective services (378,249) \$ 46,697 119,216 79,039 178,659 83,744 35,712 82,409 460,658 2015 2,205,237 \$ (1,365,037) \$ (1,322,797) \$ 11,014 36,370 395,919 236,058 379,338 426,722 472,236 645,306 1,749,519 Transportation services 2014 32,850 373,802 403,395 208,994 340,952 676,623 1,738,839 449,827 2015 2,366,928 \$ 337,900 892,945 166,292 695,585 114,992 40,494 5,833 36,041 227,062 3,098,182 General government services 2,425,021 \$ 2,364,392 \$ 538,679 163,316 116,552 26,213 3,562 30,522 3,292,245 927,853 751,004 2015 49 Income from investment in Government business Government transfers from other governments Loss on Government business enterprise Payments in lieu of taxes Salaries and benefits Actuarial recognized Contracted services Goods and services Net Surplus (Deficit) Sale of services Other revenue enterprises Amortization Revenues Expenses Interest

The accompanying notes are an integral part of these financial statements.

Consolidated Schedule of Segmented Disclosure

For the Year Ended December 31, 2015

Schedule 1 (Note 18)

	Ş	Community development	elopment	Water	_	Sewer		Consolidated Actual	Co Budget	Consolidated Actual	Budget
	~	2015	2014	2015	2014	2015	2014	2015	2015	2014	2014
Revenues						54					
Taxes	₩	<b>€</b> ?	<del>69</del>	1	<b>69</b>	•	<b>↔</b>	2,425,021 \$	2,428,129 \$	2,366,928 \$	2,376,788
Payments in lieu of taxes		r	ı	•	•	ı		165,229	163,580	166,292	163,330
Sale of services				1,439,366	1,468,783	1,170,835	1,166,855	3,451,547	3,346,609	3,503,214	3,353,404
Income from investment in Government business enterprises			174,305	,	,		,	,		174,305	
Government transfers from other governments		223,747	768,000	•	,			762,426	475,000	1,116,914	607,017
Actuarial recognized		,	,	ı		52,629	44,197	52,629		44,197	
Other revenue		33,223	32,305	76,036	16,636	12,681	26,494	402,842	283,170	433,282	314,384
		256,970	974,610	1,515,402	1,485,419	1,236,145	1,237,546	7,259,694	6,696,488	7,805,132	6,814,923
Expenses											
Salaries and benefits		ı	14,430	296,795	389,409	222,929	242,720	2,498,039	2,550,516	2,590,580	2,600,000
Goods and services		18,880	29,942	609,560	586,191	414,368	373,914	2,095,410	2,183,482	2,028,637	2,100,000
Contracted services		70,184	81,641	52,708	80,633	155,160	153,528	925,411	1,029,379	1,033,404	970,802
Interest			ı	23,895	9,694	149,029	140,597	176,486	133,940	156,124	156,869
Loss on Government business enterprise		4,531	1	ı	1	1	,	4,531		ı	•
Amortization		1	,	355,824	356,738	423,403	423,648	1,812,521	1,650,000	1,820,611	1,650,000
		93,595	126,013	1,338,782	1,422,665	1,364,889	1,334,407	7,512,398	7,547,317	7,629,356	7,477,671
Net Surplus (Deficit)	\$	163,375 \$	848,597 \$	176,620 \$	62,754 \$	(128,744) \$	(96,861) \$	(252,704) \$	(850,829) \$	175,776 \$	(662,748)

The accompanying notes are an integral part of these financial statements.

Consolidated Statement of Tangible Capital Assets For the Year Ended December 31, 2015

Schedule 2

				Costs		:		Accumulated Amortization	Amortization			
			Add		Less		-	Add	Less			
	Openin	Opening Balance	Co	Construction in progress	Disposals	Closing Balance	Disposals Closing Balance Opening Balance	Amortization	Accumulated Amortization on Disposals	Closing Balance	2015	2014
Land and Land Improvements \$		6,766,445 \$	59,432 \$		ر د	\$ 6,825,877 \$	\$ 1,857,911 \$	118,163	- -	\$ 1,976,074 \$	4,849,803 \$	4,908,534
Buildings		9,838,284	100,244	•	•	9,938,528	6,160,073	208,367	,	6,368,440	3,570,088	3,678,211
Furniture and Equipment		397,093			,	397,093	394,222	2,665	ı	396,887	206	2,871
Vehicles and Machinery	(.)	3,844,612	95,200		(47,688)	3,892,124	2,456,799	157,064	(47,688)	2,566,175	1,325,949	1,387,813
Computer Hardware and Software		159,982	,	•	,	159,982	147,616	4,946	ı	152,562	7,420	12,366
Engineering Structures										•		
Roads	24	24,616,112	186,725		•	24,802,837	11,638,169	542,090	•	12,180,259	12,622,578	12,977,943
Water	15	13,163,192	44,385		(60,768)	13,146,809	6,739,086	355,824	1	7,094,910	6,051,899	6,424,106
Sewer	#	16,244,081	46,791		'	16,290,872	5,904,899	423,403	,	6,328,302	9,962,570	10,339,182
	\$ 7.5	5,029,801 \$	75,029,801 \$ 532,777 \$	1	\$ (108,456) (	\$ 75,454,122	\$ (108,456) \$ 75,454,122 \$ 35,298,775 \$ 1,812,522 \$	1,812,522		(47,688) \$ 37,063,609 \$ 38,390,513 \$ 39,731,026	38,390,513 \$	39,731,026

The accompanying notes are an integral part of these financial statements.

**District of Port Hardy**Consolidated Statement of Accumulated Surplus
For the Year Ended December 31, 2015

Schedule 3

	2015	2014
Surplus		·
Invested in tangible capital assets	\$ 37,684,115	\$ 38,348,734
Operating funds	4,116,214	3,603,958
	41,800,329	41,952,692
Reserves		
Buildings	105,367	137,462
Computers	20,923	20,746
Equipment replacement	226,766	207,028
General capital works	170,309	189,871
Park development	38,844	38,516
Recreation facilities	110,130	100,078
Sidewalks and roads	96,454	179,621
Tax sale	17,152	17,008
Water Reserve Fund	785,945	890,330
Water capital works	162,149	160,780
Sewer Reserve Fund		
Sewer capital works	316,828	314,153
	1,264,922	1,365,263
Accumulated Surplus, end of year	\$ 43,065,251	\$ 43,317,955

# DISTRICT OF PORT HARDY Schedule of Guarantee and Indemnity Agreements For the year ended December 31, 2015

This organization has not given any guarantees or indemnities under the <i>Guarantees and Indemnities Regulation</i> .

# **DISTRICT OF PORT HARDY**

# **Schedule of Remuneration and Expenses**

# For the year ended December 31, 2015

Elected Officials		Remuneration	Expenses
Bood, Hank	Mayor	24,506.64	8,483.97
Corbett-Labatt, Pat	Councillor	12,253.32	4,153.07
Dugas, Dennis	Councillor	12,253.32	2,195.97
Hemphill, Jessie	Councillor	12,253.32	2,461.46
Marcotte, Bruce	Councillor	12,253.32	2,002.14
Robertson, Fred	Councillor	12,253.32	5,102.37
Tidbury, John	Councillor	12,253.32	5,947.59
		98,026.56	30,346.59
Employees			
Davidge, Richard	Chief Administrative Officer	109,062.31	5,468.57
Jewell, Joe	Utilities Supervisor	101,311.93	
McCarrick, Allison	Director of Finance / CAO	101,246.80	1,128.45
Mercer, Sean	Manager of Operations	91,070.68	
Reusch, Justin	Chief Operator	83,767.21	
Le Fort, Roland	Operator	77,117.12	
Jones, Daniel	Building Inspector	75,997.38	4,327.94
Griffiths, Jack	Foreman	75,273.29	
Consolidated total of o	other employees with remuneration	1,317,307.41	15,694.45
		2,032,154.13	26,619.41
Reconciliation			
en . i een 11 i			
Elected officials' total			98,026.56
Employees' total remu	ineration		2,032,154.13
			2,130,180.69
Variance			367,858.31
iotal salaries and benef	its per Consolidated Financial Stateme	nts, Schedule 1	2,498,039.00

# **Payroll variance**

Overhead is included in the Financial Statements but not in the T-4 renumeration.

# DISTRICT OF PORT HARDY Statement of Severance Agreements For the year ended December 31, 2015

There was one severance agreement under which [payment commenced between the District of Port Hardy and its non-unionized employees during fiscal year 2015

This agreement represents 3 months of salary and benefits. The benefit value consisted of employer Municipal Pension Plan contributions for the 3 month period, vacation and sick payout balances.

The total value of this severance agreement was \$32,608.48

# DISTRICT OF PORT HARDY Schedule of Payments Made to Suppliers For the year ended December 31, 2015

# Suppliers who received aggregate payments exceeding \$25,000

ANA'S HARDY CLEAN	26 204 06
ARIES SECURITY LTD.	26,304.96 47,282.72
B.C. HYDRO	520,650.24
Canwest Propane	26,723.42
CHEVRON CANADA LTD.	68,243.15
Corix Water Systems Inc.	29,111.04
FOX'S DISPOSAL SERVICES LTD.	215,039.36
GUILLEVIN INTERNATIONAL CO.	28,403.70
I.C.B.C.	43,498.25
K & K ELECTRIC LTD.	82,294.58
Minister of Finance	41,269.57
MUNICIPAL INSURANCE ASSOCIATION OF BC	176,573.00
MUNICIPAL PENSION PLAN	293,492.05
O.K. Paving Company	154,361.55
Orach Enterprises Ltd.	40,340.39
PACIFIC BLUE CROSS	93,838.10
PACIFICUS BIOLOGICAL SERVICES LTD.	83,066.13
Praxair Distribution	52,195.52
Receiver General for Canada	539,271.41
REGIONAL DISTRICT OF MT WADDINGTON	71,081.81
Seaway Ventures Ltd.	81,497.64
Stantec Consulting Ltd.	72,768.83
TELUS	51,922.15
UNIVAR CANADA LTD.	64,145.83
Village of Alert Bay	95,200.00
Waterhouse Environmental Services Corp.	164,982.17
WORKERS' COMPENSATION BOARD OF BC	28,029.28
Total paid to suppliers who received aggregate payment of \$25,000 or more	3,191,586.85
Total paid to suppliers who received aggregate payment of \$25,000 or more	1,206,149.03
Total of payments to suppliers for grants exceeding \$25,000	98,734.00
Less: expenses paid on behalf of elected official & employees	(56,966.00)
Total	4,439,503.88
Reconcile:	
Total aggregate payments exceeding \$ 25,000	3,191,586.85
Total consolidated payments of \$ 25,000 or less	1,247,917.03
1, , , , , , , , , , , , , , , , , , ,	4,439,503.88
Expenses from the Consolidated Statement of Operations	7,512,398.00
Adjustments - including amortization and capital project expenditures	3,072,894.12
- · · · · ·	4,439,503.88

# DISTRICT OF PORT HARDY Schedule of Property Tax Permissive Exemptions For the year ended December 31, 2015

Organization	Total
Fort Rupert Curling Club	6,625.67
Grassroots Garden Society	496.63
North Island Crisis and Counseling Centre Society	3,907.03
Pentecostal Assemblies of Canada	3,914.12
Port Hardy Baptist Church	1,139.16
Port Hardy Chamber of Commerce	3,892.77
Port Hardy Congr Jehovah's Witnesses	1,205.24
Port Hardy Ecumenical Society	2,084.52
Port Hardy Heritage Society	4,930.72
Port Hardy Hospital Auxiliary	2,927.27
Rainbow Country Daycare Society	2,150.59
Royal Canadian Legion	2,297.86
Seventh Day Adventist Church	25,841.96
St. Bonaventure Catholic Church	1,425.47
Tri Port Motorsport Association	1,043.56
Vancouver Island Health Authority	111,900.17
PH Seniors Housing	2,031.67
	177,814.42

# **Management Report**

The Financial Statements contained in this Statement of Financial Information under the Financial Information Act have been prepared by management in accordance with generally accepted accounting principles or stated accounting principles, and the integrity and objectivity of these statements are management's responsibility. Management is also responsible for all the statements and schedules, and for ensuring that this information is consistent, where appropriate, with the information contained in the financial statements.

Management is also responsible for implementing and maintaining a system of internal controls to provide reasonable assurance that reliable financial information is produced.

The Municipal Council is responsible for ensuring that management fulfils its responsibilities for financial reporting and internal control and exercises this responsibility through the Council. Council reviews the financial statements on a monthly basis.

The external auditors, MNP, LLP, conduct an independent examination, in accordance with generally accepted auditing standards, and express their opinion on the financial statements. Their examination does not relate to the other schedules and statements required by the Act. Their examination includes a review and evaluation of the District's system of internal control and appropriate tests and procedures to provide reasonable assurance that the financial statements are presented fairly. The external auditors have full and free access to the records of the Municipality.

On behalf of the District of Port Hardy

Addan Maas, CPA, CGA
Director of Financial Services

May 10,2016

# DISTRICT OF PORT HARDY Statement of Financial Information Approval For the year ended December 31, 2015

The undersigned, as authorized by the *Financial Information Regulation*,

Schedule 1, subsection 9(2), approves all the statements and schedules

included in this Statement of Financial Information, produced under the *Financial Information Act*.

Adrian Maas

Director of Financial Services

May 10,2016

Hank Bood Mayor

May 10,2016