



**PUBLIC WORKS, WATER & WASTEWATER
STANDING COMMITTEE MEETING**

**Date: June 6, 2022
Place: Council Chambers
Start time: 12:00 Noon**

AGENDA

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2022 Public Works Summary

Winter Operations:

Time Frame: December 16 to April 15

Snowfall per month: Approximate total 500 cms

January: 25 days

February: 24 days

March: 18 days

Salt Usage: 5,000 tonnes+

Sand Usage: 4,000 tonnes+

Snow Blowers:

- 25 days the city blowers were out between January 10th and March 12th. During this time 2 $\frac{3}{4}$ of total rounds of blowing were completed. One loader constantly had a blower unit attached and was cycled 24 hours. Second unit was attached during breaks in the weather. Third unit was prone to malfunctions and was used as a backup if the either of the other two were down. Issues included auger sheared from unit, hydraulic leaks and blown turbo.
- Snow removal from cul de sacs were on going for average of every 10 days.
- 2 Bobcat blowers and trackless was used to maintain the sidewalks as weather allowed. If resources allowed, an operator

was assigned to clear sidewalks immediately after a snow event ceased.

Rain / Flash Freeze events: Estimate 300mm + rainfall

- Rain Events: Jan 6th, 15th, 30th with freezing rain, Feb 12th, 18th with flash freeze, 23rd, March 12.

Majority of bad weather occurred on weekends.

Potholes and W&S Cuts: On going throughout the winter and into the spring. Late winter, staff managed to use asphalt reclaimer and hotbox to patch potholes with recycled asphalt. Whenever the weather didn't permit this, staff used cold patch as a temporary solution. On average staff put out two pallets of cold patch a week when the reclaimer could not be used.

Some good things from the winter:

- Outdoor Ice Rink was opened on January 27th. Was constructed on the 12th but rain event shortly afterwards delayed the opening. Was well used by public.
- Ice Sculpture: Held Feb 5-6th.

Spring: April to May 30th

Sweepers:

- New street sweeper arrived on May 3rd and has been sweeping 24 hours a day, 5 days a week.

- The older sweeper was in operations from April 18 to May 18 until the main impeller wore out and had to be replaced. Parts were received on May 31st.
- Focus for sweepers are the streets that have line painting. Contractor is expected in June so these areas are swept two to three times prior. Sweepers will then move to mains and then residential areas. The norm is to have sweeper running everyday til late fall.
- Bobcat with pick up brooms have been out since late April. All sidewalks have received initial sweeping but plan is to do all twice, and again in the fall.

Downtown clean up / washdown:

- Started on May 24th on 12 to 8 shift. Work consists of 7 workers, Vactor, street sweeper and bobcat.
- To date West Street, Central/West Valley pavers are completed.
- We are estimating that all the pavers will be cleaned by June 17th.

Sinkholes:

- **University / O'Connell:** Latest sinkhole appeared on April 6. We had the systems inspected with a camera and determined that the storm pipes are in advanced state of disrepair and the sinkhole is over a smaller pipe that dumps into the larger one that flows to the Corner Brook Stream. Solution was to divert the water in the smaller pipe directly to the brook and bypass the worst section of pipe that was causing the sinkhole. During rain events, staff have been directed to monitor this storm system.

Parks and Recreation:

- All fields were inspected and preseason field prep (nets, dragging of fields, etc) were completed. Repairs to bleachers at Jubilee Field on going.
- Basketball Court: Looking at options to install lighting.

Plans / projects for this summer and fall:

- **Curb and Sidewalks: Budget \$205,000.00**
 - Priority: Work Orders, W&S repairs, flooding, trip hazards
 - Work orders: 6 as of today for new curb and sidewalk.
 - 40 areas are on list to complete.
- **Manhole Repairs: Budget \$100,000.00**
 - 20 manholes and catch basins that need repairs at time of this summary. Usually this number grows through the summer and fall as issues are identified by staff and from the public reporting issues with manholes and catch basins to our complaints system.
- **Ditching: Budget \$28,500.00**
 - 8 ditches that need work.
- **Guide Rail: Budget \$76,500.00**
 - 7 areas need repairs
- **Work Orders: Recoverable**
 - 10 work orders on file to be completed

- **Storm Sewer cleaning and Repairs: Budget \$152,500.00**
 - 10 repairs
 - Cleaning: ongoing throughout the summer. Focus is problem flood areas

- **Lawn Damage from winter: Budget: \$48,500.00**
 - Homeowners completing their own: 28
 - To be completed by contractor: 41
 - Unconfirmed: 83

- **Parks and Recreation: Budget \$541,200.00**
 - This includes all the fields and playgrounds maintenance
 - Dog Park Improvements: Placement of sods, repair existing fencing, dog house, ramp and a hydrant.

- **Traffic Markings Painting: Budget: \$130,000.00**
 - Contractor is tentatively scheduled to be in the City mid June and estimates the project will be completed in a week.

Complaints from Jan 1st to May 31st : 2,624.

- **Snow clearing: 1,100 +**
- **Salt / Sand: 600 +**
- **Potholes: 150**
- **Lawns: 140**
- **Manholes / catch basins: 160**
- **Miscellaneous: 450 +**



Water and Wastewater
Maintenance Summary (January – June)
June 6th 2022

1.

Water & Wastewater Complaints	
VTScada Alarms – Remote Stations	133
Clean Water Lines	1
Curb Stop Repair	21
Hydrant Snow clearing	13
Locate Curb Stop	14
Main Line Repairs	2
Maintain Hydrants & Valves	5
No Water	13
Noise on Line	5
Other (e.g. SPCA Septic, High/Low Water Pressure, Locate lines, Root-X Request. Etc.)	21
Sewer Backup	23
Thaw Water Lines	3
Water Leaks	90
Grand Total	344



2.

Water & Wastewater Media Releases	
Emergency Water Outage	1
Emergency Water Outage & Road Closure	6
Precautionary Boil Water Advisory	2
Road Closure	16
Water Outage	5
Water Outage & Road Closure	23
Grand Total	53

3.

Water & Wastewater Repairs	
Chlorination Station	2
Curb Stop Repairs	4
Hydrant	1
New Service Lateral	5
Pressure Reducing Station	4
Reservoir	1
Sanitary Sewer Lift Station	4
Sewer Lateral	4
Sewer Main	2
Water Main Leaks	7
Water Service Leaks	13
Grand Total	47



4.

Water & Wastewater Recoverable Works	
New Water Service Lateral	1
Collect Boil Order Samples	1
Exploratory Sewer Dig	1
Request to Turn Water On & Off	28
Grand Total	31
Total Cost	\$12,114.21

5. Leak Detection:

- **Zones Completed**
 - Eastside – V, W, & X
 - Curling – A, B, & C

6. Snow Clearing:

- **Hydrants – 4 rounds (2,345 hydrants)**
- **Remote stations access roads and entrance to building (chlorination, PRV, reservoirs, pumphouse, WWTP & lift stations). 46 locations.**





Water and Wastewater
Operation & Maintenance Schedule
June 6th, 2022

Ongoing Maintenance

1. Annual Maint. (Completed May – Nov)

Water Distribution & Wastewater Collection System

Item #	Annual Maint.	Description	Status	Foreman
1	Annual Hydrant Maint. (746 City & 92 Private)	City (1st round)	Active	Jay
		Private (1st round)	Active	
		City (2 nd round)	Pending	
		Private (2 nd round)	Pending	
		City (3 rd round)	Pending	
		Private (3 rd round)	Pending	
2	Chlorination Station Service (7) (PM Kits Replacement & Gen-set Service)	Third Pond	N/A	Evan
		Second Pond	Pending	
		Gen-set	Pending	
		Trout Pond	Pending	
		Gen-set	Pending	
		Lundrigan Dr.	Active	
		Sunnyslope Dr.	Pending	
		Woodbine Ave.	Pending	
		Eastside	Pending	
Elizabeth St.	Pending			
3	Splash Pad (1) Margart Bowater Park	Sart-up (July 1)	Active	Evan
		Winterization	Pending	
4	Pump Station Service (6)	Elizabeth St. (Check alignment)	Complete	Evan



		Lewin Parkway (Check alignment)	Active	
		Bayview Height's	Pending	
		Firepump	Pending	
		Watson's Pond	Pending	
		Firepump/gen-set	Pending	
		Burnt Pond	N/A	
		McLeod's Ln (isolate valves to bypass pump)	Active	
5	Pressure Regulating Stations Annual Operational Check (20)	Summer	Active	Evan
6	Water Intakes - Clean & Inspect Screens (4) Mid-June	Trout Pond	Pending	Evan
		Second Pond	Pending	
		Burnt Pond	N/A	
		CB Stream	Pending	
7	Water Shed - Grade Gravel Access Roads	Trout Pond	Pending	Evan
		Lundrigan Dr. Reser	Active	
		CB Stream Intake	Active	
		Curling water Shed	Pending	
8	Water Main Cleaning (27 Pressure Zones) (Zone M Complete)	Flush hydrants As per schedule (Zone R,S,T,U & P)	Active	Scott
9	Wastewater Lift Station Service (11) (Clean Station & Service Pumps & Gen-set)	WTP	Active	Evan
		Gen-set	Pending	
		Old City Hall	Pending	
		Gen-set	Pending	
		Mill Rd.	Pending	
		Cobb Ln.	Pending	
		Brook St.	Pending	



Margaret Bowater Pending
 Station Rd. Pending
 Humber Rd. Pending
 Riverside Dr. Pending
 Fire Dept. Pending
 Georgetown Rd. Pending

10	Sanitary Sewer Flushing	See schedule (25 Problem areas)	Active	Jay
11	Sanitary Sewer Root Cutting	See schedule (9 Problem areas)	Pending	Jay
12	Sewer Treatment Station Riverside Dr. (Mid-June)	Chamber upgrade (10 cells complete & 2 cells remaining)	Pending	Evan/Jay

2. Water Distribution System – Maint. & Repairs

W/L Leaks

#	Civic Address	Location	Received	Water	Priority	Foreman
1	1 Fern St.	Roadway	May 25	Yes		Scott
2	9 Stone’s Rd.	Roadway	May 26	Yes		Scott

Leak Detection

Item #	Location	Description	Status	Foreman
1	Curling area	Check hydrants For leak noise	Active	Evan/Jay/Scott

Fire Hydrants

Item #	Hyd #	Location	Description	Status	Foreman
1	All	City	Painting	Pending	Jay
2	All	City	Snow clearing	On hold	Jay



Curb Stop Repairs

Item #	Location	Description	Status	Foreman
1	93 Brookfield Ave.	Dirt in box (clean)	Active	Scott
2	80 Doves Rd.		Active	Scott
3	66 Bayview Height's	Rod let go	Active	Scott
4	19 Beothuck Ave., top missing		Pending	Evan
5	43 Fudge's Rd.	Rod let go	Pending	Evan
6	204 Humber Rd.	Install new c.s	Pending	Jay
7	78 Central St.		Pending	Jay
8	41 Park Drive	Dig	Pending	Jay
9	208 Humber Rd.	Under asphalt	Pending	Jay
10	53 Gibbon's Ave.	Service (Install c.s)	Pending	Jay
11	37 Fudges Rd.	Can't turn c.s	Pending	Jay
12	18 Dorchester Ave	Rod let go	Pending	Evan
13	142 Humber Rd.	C.s not functioning	Pending	Evan
14	6 Hendon Dr.	Move c.s	Pending	Evan
15	27 Lomond St.	Rod let go	Pending	Evan
16	5 Peddle's Ln.	C.s not functioning (leak inside home)	Pending	Jay
17	27 Johnson's Ave.	Rod let go	Pending	Jay
18	47 Main St. Need water shut off to replace prv	Repair c.s	Pending	Jay
19	148 Caribou Rd.	Repair c.s	Pending	Jay
20	1 Dorchester Ave.	Rod let go	Pending	Evan
21	13 King's Rd.	Replace box & rod	Pending	Evan

Locate Curb Stop

Item #	Location	Description	Status	Foreman
1	47 Main St.		Pending	
2	12 Citadel Dr.		Pending	
3	5 Lomond St.		Pending	
4	445 Curling St.		Pending	



Chlorination Stations

Item #	Location	Description	Status	Foreman
1	Lundrigan Dr.	Post exterior emergency Lights description inside station	Active	Evan
2	Sunnyslope Dr.	Post exterior emergency Lights description inside Station	Active	Evan
3	Trout Pond	Install flow meter (order new meter)	Active	Keith/Evan
4	Trout Pond	Repair fencing	Active	Evan

Water Pumphouses

Item #	Location	Description	Status	Foreman
1	Industrial Park	Power outage overnight Nov 29 shorted the plc Instrumentation controls Lundrigan Dr. not able to fill in auto. Still can fill reservoir manually from scada. Tech. will be in town in the next two weeks to correct problem.	Active	Evan
2	Bayview Height's	Repair fencing		

Water Reservoirs

Item #	Location	Description	Status	Foreman
1	Sunnyslope, Elizabeth & Lundrigan Dr.	Paint over graffiti	Pending	Evan

Flow Meters

Item #	Location	Description	Status	Foreman
1	Mill Rd.	Mill meter not functioning	Active	Evan



New Service Laterals

Item #	Location	Description	Status	Foreman
1	14, 16, & 18 Balsam Ave.	See dwg.	Active	Evan

3. Wastewater Collection System – Maint. & Repairs

Sanitary Sewer Laterals

Item #	Location	Description	Status	Foreman
1	72 Riverhead Rd.	Sagged section in roadway	Active	Jay
2	18 Humber Park	Roots in lateral approx.. 3m from sewer main Replace 3m section	Active	Jay

Sanitary Sewer Mains

Item #	Location	Description	Status	Foreman
1	Throughout City (refer to wkly check list)	Assess m/h's to determine corrective measures needed in m/h's to prevent future blockages	Active	Jay
2	Throughout City (Refer to wkly check list)	Check problem manholes -wkly	Active	Jay

Sanitary Sewer Lift Stations

Items #	Location	Description	Status	Foreman
1	Station Rd.	Pump #1 not working sent to Western Pump for service (Parts on order)	Active	Evan
2	Cobb Ln.	Trouble with PCL, P #1 will not operate in auto. New Logimac PCL controller ordered	Active	Keith/Evan



Wastewater Treatment – Flow Metering and Testing

Item #	Location	Description	Date Req'd	Foreman
1	Basin G Main St.	Download flow data (meter #1 & 2) – bi-wkly	Active	Jay
2	Basin F & G	Collect samples for testing – bi-wkly	Active	Jay
3	Bio-Green WWTP	Collect samples quarterly for testing (Influent & effluent)	Next sample July , 2022	Jay
4	Basin F, G & University Dr.	Covid -19 sampling Collect samples - wkly (Install filter on Fri. & remove on Mon)	Active	Jay
5	Basin F Griffin Dr.	Install portable meter Download flow data - bi-wkly	Active	Jay

4. System Improvements

Scada System

Item #	Location	Description	Status	Foreman
1	Works Depot	Complete system upgrade PC, monitor, printer, ups etc.	Active	Keith
2	Gearyville Rd. Water flow meter chamber	upgrade electrical service	Pending	Keith



5. Capital Works

Capital Works Project 2022

Item #	Location	Description	Status	Foreman
1	Various projects throughout city	Providing support to Eng. Div.	Active	J/E/S

6. Requests/Complaints

Requests

Item #	Location	Description	Status	Foreman
1	Throughout city	Other Div.'s & general public	Active	J/E/S

Recreation Update – June 2022

June is Recreation Month

Recreation Newfoundland and Labrador declared June as Recreation Month to draw public attention to the important benefits and values of recreation for individuals, families and communities. Recreation incorporates all of the activities that bring happiness and wellness to our lives, improving mental, physical, emotional and social well-being.

As part of June is Recreation Month, residents can send in pictures of themselves and their families participating in physical activity during the month of June to qualify for one of four \$300.00 giftcards from local businesses that will be drawn randomly on June 30th. For some neat ideas for activities to take part in around the city, a month-long activity calendar can be found on our social media or print copies can be picked up at the Civic Centre.

ParticipAction - Community Better Challenge

The ParticipACTION Community Better Challenge is a Physical Activity initiative that encourages Canadians to get active in search of Canada's Most Active Community. The City of Corner Brook has signed up for this challenge and is asking residents to download the ParticipACTION app or register on the ParticipACTION website to track your activity minutes for June in hopes to make Corner Brook Canada's Most Active Community. Fifty Finalist communities from across the country will be chosen to compete for a \$100,000.00 grand prize and prizes will also be awarded to the top municipality in each Province.

Through a grant from ParticipACTION, the City is offering free Youth Drop In Sports sessions for the month of June to inspire youth ages 12-18 to get out and be active for the Community Better Challenge. These sessions will take place Tuesdays and Fridays from 7:00-9:00pm on June 7th, 10th, 14th, 21st, 24th and 28th.

Additional details will be available on The City of Corner Brook and Corner Brook Civic Centre social media pages.

Disc Golf Course

The City of Corner Brook is pleased to share that in coordination with the local Corner Brook Disc Golf group and Disc Golf NL, there will be a Disc Golf course created in the Atlantic Avenue area. Disc Golf is a sport that is growing in popularity within the province, is great for all ages and has large Sport Tourism potential. This project is set to start this week and be finished by the end of the month with an opening event weekend following shortly after. For more information you can visit cornerbrookdiscgolf.ca

Park Washrooms

Washrooms are now open in Margaret Bowater Park and Bartlett's Point Park for patrons to utilize throughout the day. Hours of operation will be 8:00 am – 7:00pm.

Splash Pad and Margaret Bowater Park Pool

The Splash pad and the The Margaret Bowater Park pool will open July 1st. Lifeguards and security will be on deck to ensure the safety of the public and that rules and regulations are followed. Canteen services will be available.

Canada Day

Our Canada Day celebrations will return this year with a flag raising at City Hall, entertainment in Margaret Bowater Park, a Bike Rodeo, face painting for children, scavenger hunts and much more! There will be an evening Fireworks display from Captain Cook Lookout at 11:00 pm to clue up the day. Please keep an eye to our social media for more details in the coming weeks.

Corner Brook Day

Corner Brook Day will take place July 23rd, during the Jigs N Wheels festival, on the Majestic Lawn featuring entertainment, activities for children, bouncy castles, scavenger hunts and will conclude with Fireworks in Margaret Bowater Park in the evening.

Ribfest

After last year's successful event, Ribfest will be returning this summer to Margaret Bowater Park July 22nd-24th during our Jigs N Wheels festival. Their hours of operation are 11:00am-10:00pm on Friday and Saturday and 11:00am until 6:00pm on Sunday. Live entertainment will be on stage featuring local performers.

Civic Centre Update June 6, 2022

The spring 2021-22 recreation and ice sport season began to resemble the recreation world in “Pre-Covid”, with many events and tournaments resuming for the first time in three years. Minor hockey, Silver Blades, Humber Valley Speed Skating and adult programming all completed their seasons. Including a return to general, adult, family and toddler skating. In fact, we saw a return to year end school day trips for many elementary schools.

Corner Brook hosted tournaments and events such as the Minor Hockey provincials – U13B and U18B with over 11 teams from across the province. Our Corner Brook teams both competed in the finals with our U18’s winning gold and U13’s taking the Silver. Overall, provincially Corner Brook won gold in U11A, U18A, U18B, and Novice Royals – with 11 of 12 Corner Brook Rep teams won medals this year.

Silver Blades, hosted provincial figure skating championships, again an event not held in three years. The completion of U18 AAA hockey league with AAA Western Kings and Corner Brook hosted the provincial AAA female championships for U13 & U18; as well as, a league play tournament for AAA U15 female.

We also had regular recreational leagues complete their seasons as per Pre-Covid. The Recreation Hockey League playoffs took place with Brothers and Associates winning the league over Meineke, as well, the Broomball league completing its season and holding a full playoff with Phone Tech beat NL Fasteners in final. Senior hockey did not go ahead; however, there is optimism for next season.

The end of the ice season included the skaters from Silver Blades and the Western Region attending the traditional end of year Skate Canada Assessment Day at the Civic Centre. A practice that did not occur during Covid. There were also a number of year end hockey camps including Coastal Goaltending and Shoot of Excellence.

There was a demand shift as a result of covid which resulted in a degree of extension of traditional timeframes ice. The Kinsmen arena ice was turned off prior to the Main – due Silver Blades Ice Show taking place later than normal. Ice was removal from Kinsmen started on Friday May 20th. While the Main Arena ice plant was turned off post Ice Show.

Junior Ball Hockey programming (U8, U11, U13, U15) started almost immediately after ice was removed from the Kinsmen, on Tuesday May 24th. Junior ball hockey programming will continue until the end of July. Senior ball hockey will start play on Monday June 6th and will notable return for the first time since covid.

There were a number of events outside of recreation that have started since covid, including a return to graduations. The Civic Centre hosted Grenfell Convocation on Thursday May 19th with two sessions at 10am and 3pm. The first session with this year’s graduates and the second session included graduates from previous years. The Centre will also host the College of the North Atlantic Graduation on June 17th and Corner Brook Region High Graduation on June 23rd.

The Center also hosted the CBYF Job Fair May 25th, Silver Blades Ice show and Beerfest Saturday June 4th.

There are number events and camps planned for the summer season including

Registered Nursing exams June 6 – 14

Corner Brook Bay of Islands Pride is hosting a 2SLGBTQIA+ Themed Craft Fair – June 25th – Celebrating Pride Month

Benjamin Circus – July 8 & 9

Thomas Amusements August – August 11 - 21

Summer Camps include:

Playpro Hockey – July 15 -17 and July 18 -22

Shoot for Excellence – July 24 – 31 and Aug 29 – Sep 2

Axels and Edges – Aug 1 – 19

Hockey NL – High Performance Program – Aug 5 – 12

Strickly Hockey – Aug 22 - 26

Further announcements on AAA Western hockey tryouts in August – U13, 15, 18 and Minor AAA U18