

**CITY OF IQALUIT
CITY COUNCIL MEETING #21
August 14, 2018 at 6:00 p.m.
CITY COUNCIL CHAMBERS**

PRESENT FROM COUNCIL

Mayor Madeleine Redfern
Deputy Mayor Romeyn Stevenson
Councillor Kuthula Matshazi – via teleconference
Councillor Joanasie Akumalik
Councillor Simon Nattaq
Councillor Noah Papatsie
Councillor Kyle Sheppard

ABSENT

Councillor Jason Rochon

PRESENT FROM ADMINISTRATION

Amy Elgersma, Acting CAO
Matthew Hamp, Director, Engineering and Public Works
Andrea Spitzer, Communications Manager
Jennifer Jarvis, City Planner
Tammy Ernst-Doiron, Executive Assistant
Jeanie Eeseemailee, Senior Interpreter/Translator
Ed Picco, Communications Consultant

PRAYER

Councillor Nattaq opened the meeting with a prayer at 6:00 p.m.

SWEARING IN

Mayor Redfern welcomed new staff Deputy Fire Chief Tim Hill and thanked him for all the work the firefighters do.

Mayor Redfern welcomed the new Finance Officer, Kanwal Ali. Ms. Ali is also working with the Niksiit Committee on the Wellness and Homelessness Partnering Strategy.

ADOPTION OF AGENDA

Motion #18-279

Moved by: Councillor Sheppard
Seconded by: Councillor Nattaq

Adoption of the agenda as amended: Add 9(c) Request for Decision –Water and Sewer Services and one (1) In Camera item (Land/Legal item); Delete 7(a)(i) and 7(a)(ii) First and Second Reading Water and Sewer Services By-law.

Unanimously Carried

1. MINUTES

- a. City Council Meeting #16 – June 12, 2018

Motion #18-280

Moved by: Councillor Akumalik

Seconded by: Councillor Sheppard

City Council Meeting Minutes #16 dated June 12, 2018.

Unanimously Carried

- b. Engineering and Public Works Committee of the Whole #4 – June 27, 2018

Motion #18-281

Moved by: Councillor Akumalik

Seconded by: Councillor Sheppard

Engineering and Public Works Committee of the Whole #04 Minutes dated June 27, 2018.

Unanimously Carried

- c. City Council Meeting #18 – July 10, 2018

Motion #18-282

Moved by: Councillor Sheppard

Seconded by: Councillor Akumalik

City Council Meeting Minutes #18 dated July 10, 2018.

Unanimously Carried

2. DECLARATION OF INTEREST

None

3. DELEGATIONS

None

4. AWARDS AND RECOGNITIONS

None

5. STATEMENTS

Councillor Akumalik congratulated the Amarak Hunters and Trappers for the successful bowhead whale hunt this year which took less than a day. Councillor Akumalik is very proud to have the whale caught in Iqaluit.

Councillor Nattaq advised that he will be away from August 27 – 31, 2018 to attend the Elders Meeting on education and curriculum.

Mayor Redfern noted that Iqaluit hosted the Ministers of Energy and Mines Conference and in attendance was the new Natural Resources Minister, Amarjeet Sohi. She noted that Minister Sohi made an announcement today renewing the funding for Inuit businesses with Kakivak for \$2.6 million; this is an important investment for developing and expanding Inuit businesses.

Councillor Papatsie advised that the Department of Education is proud to be partnering with Nunavut Disabilities Makinnasuaqtiit Society (NDMS) Day of inclusion on Monday, August 20, 2018. Everyone is invited to attend and it is a good opportunity to come together as a community to celebrate different abilities. The day starts at the Aquatic Centre with a free public swim from 10:00 a.m. to 12 noon, followed by a public BBQ from noon to 1:00 p.m. in front of the Recreation Centre. There will be games and crafts at the curling rink. If anyone needs transportation, they must register for the bus rides.

Councillor Matshazi thanked the residents for participating in the Public Consultation. It is important that the residents can voice their opinions in the democratic process.

6. DEFERRED BUSINESS AND TABLED ITEMS

None

7. BY-LAWS

a) First Reading of By-law(s)

None

b) Second Reading of By-Law (s)

- i. Property Classifications By-law No. 861

Motion #18-283

Moved by: Councillor Sheppard

Seconded by: Deputy Mayor Stevenson

Second Reading of Property Classifications By-law No. 861.

Unanimously Carried

- ii. 2018 Mill Rate Bylaw No. 862

Motion #18-284

Moved by: Councillor Sheppard

Seconded by: Deputy Mayor Stevenson

Second Reading of 2018 Mill Rate Bylaw No. 862.

Unanimously Carried

- c) **Third and Final Reading of By-Laws(s)**

None

8. OLD BUSINESS

None

9. NEW BUSINESS

- a) Discussion Item – Water and Sewer Services Bylaw Public Consultation

Mayor Redfern noted that the Summary Report from the Public Consultation Meeting held on August 9, 2018, has been provided for Council tonight, and will be translated and uploaded to the City's website.

Mayor Redfern advised that she would give a summary of the report as follows:

- Approximately 50 people attended.
- The City sent a questionnaire to businesses regarding the water requirements. A number of responses were received, which are in a supplementary report.
- Those in attendance provided comments, input and feedback.

- Residents were offered the opportunity to submit written submissions, which are included in the report.
- The rationale behind the consultation was the issue regarding water. Council felt it was important to allow the residents to have a better understanding of the proposed amendments.
- The by-law had not been amended, revised or updated since 1998.
- Council had approved a small number of businesses to have privately hauled water since they were not on piped services.
- City staff was of the opinion that the City could not provide trucked services in excess of the 2,000 litres per day.
- Council clarified that it was not of the opinion to privatize water.
- By-law amendments would allow administration to enter into service agreements.
- Additional terms or conditions were then included in the by-law amendment.
- Once the City installed pipe service, the businesses who had been receiving proposed private hauling services would be required to connect to the piped service within the year.

The following is a summary of the types of comments that residents provided:

- Venue was small.
- Residents would have preferred a longer notice, but they appreciated that Council proceeded with a public consultation.
- A number of residents stated they had concerns about the possibility of private hauling water actually being privatization of water.
- Comments about the concern of secondary private hauling of water, therefore the selling of water.
- Comments regarding whether or not the service contracts were needed or necessary.
- Suggestions were offered that it might be possible for the City to look into contracting water and wastewater hauling.
- Council could lease trucks, extend shifts or overtime.
- Important that all businesses and residents be treated equally, equitable, and fairly with no difference in City services.
- Section 21 - even though that was not proposed to be amended, it should be clear that it only pertains to the inspection of premises for emergency purposes.
- Section 29 - third party investigation should be clear and reflect the intention.
- Commentary about the discrepancy of Council passing the first reading versus not passing the second reading. It was explained that it is not unusual, as first reading does not facilitate comments and questions, but Council does have that opportunity in second reading.
- Councillors who voted against the second reading were asked to explain their vote. The reasons ranged from water shortage, not supporting a drinking establishment, not supporting a third party hauler, and reselling of water.
- Comments about the importance of water conservation.

- While the City is not in a state of emergency with respect to water, Council is being proactive to ensure that there is sufficient water in Lake Geraldine to serve the water needs for the remainder of the year.
- Task force has been formed.
- Task force update will be provided at this meeting.
- Explain that the bleeds are necessary to ensure that the pipes do not freeze.
- Task force is assessing the bleeds, as well as looking at water efficiencies.
- Many residents explained that the Sylvia Grinnell River is important for recreational purposes including fishing and hunting.
- Residents are concerned about what happens to the river.
- There were some exchanges and comments about Nunavut Brewing Company, Tower Arctic, Black Heart Café, and others.
- The by-law amendment was not specifically targeting any one business.
- The by-law was to address the issue of providing trucked services where the City felt it had no ability to do so.
- The by-law also deals with the hauling of wastewater, which is an issue for one of the businesses.
- There were some questions and answers provided about the brewery wastewater, as well as how much water they required for their operations. Specifically 10,000 litres of water a day at a maximum.
- In the future, Council expects to charge residents the full cost of water.
- The City receives a water and sewer subsidy from the Government of Nunavut, which is intended to help municipalities with water infrastructure and was never intended to provide a subsidy to the customer.
- The subsidy amount has been unchanged for a number of years.
- The Nunavut Association of Municipalities and Government of Nunavut are reviewing and analyzing the water subsidy program, and will be developing recommendations to the Government of Nunavut on how to revamp and revise the program to better assist municipalities with water infrastructure.

Options that residents proposed or suggested:

- Look at contracting the delivery of trucked services.
- There maybe an issue with the union, but it could be explored.
- Could purchase additional water and sewage trucks and increase the number of staff to provide the required water to all residents and businesses.
- Lease trucks from local businesses.
- Not amend By-law 200 and leave as is, but enter into service agreements, with a limited number of businesses temporarily until the City is able to deliver its own services to all.
- Amend By-law 200, but remove the sub-contracting and reselling of water.

The following is an overview of what the business community and developers had submitted themselves separately; fourteen responses were received:

- The majority did receive sufficient water for their requirements.
- Would like to see the City better manage their resources, including water infrastructure, especially with respect to addressing repairs and necessary upgrades or replacement.
- A number of responses included commentary on personal property and homes, but this was outside of the questionnaire and was not included in the summary.
- That all businesses, including new businesses, should have access to adequate water and sewer services, whether the business is on piped or truck service.
- Set trucked limits can be seen as businesses being treated differently or unfairly.
- Businesses and developers should understand zoning requirements and limitations in those areas.
- The City makes more land available on piped services to support the economic and business growth.

Solutions offered:

- Assess individual business requirements and ensure businesses obtain the amount of water they need and is necessary.
- Expand piped services.
- Increase water rates for larger commercial, industrial and government users and keep rates for residential and small businesses lower.
- Assess and undertake creative solutions at the individual business level and by the City regarding water management, conservation and usage.
- City needs to focus on sewage and wastewater, especially for the brewery, to ensure that effluent does not harm the City's equipment or environment.
- Temporarily enter into service contracts until the City is able to expand its piped services.
- Some businesses were prepared to pay more for water as long as it was not exorbitant, but there should be a commitment to equity and fairness.
- With respect to private water hauling service agreements, there were mixed views. The majority felt it may be necessary, but it should only be on a temporary basis until the City is able to provide full service itself.
- Strong belief that the City should do whatever it takes to continue to fulfill its basic service to all residents and businesses by delivering these services.

Water exceptions:

- Businesses said while expectations have already been made with respect to water, and maybe need to be continued, ideally businesses and development should be treated fairly with the ultimate goal to help current and new business have the water they need.
- Ideally the City should not have to provide exceptions.

Additional comments:

- City should impose mandatory minimum size water tanks, so that households and businesses have sufficient water for at least two days.
- There should be a mandatory practical conservation measure.
- Preferred rate offered to low-use consumers.
- Different or mixed rates for different users, similar to that of the Business License Fee structure.

Mayor Redfern advised that is the summary of the Public Consultation and the summary of the business input.

Mayor Redfern opened the floor to councillors for any questions or comments. She also reminded Council and the public that the Acting CAO was asked to provide an assessment of options, the pros and cons, and a recommendation to Council what is possible for Council's consideration.

Mayor Redfern asked councillors if they would like to hear the options prior to discussion.

Councillor Matshazi asked if it is possible to get the full report to read through in detail and then have a Council discussion.

Mayor Redfern asked the Acting CAO to provide the assessment of options and then Council can decide whether or not to defer this for further discussion at the next Council meeting, or have some initial discussion and then make a decision now or later.

Amy Elgersma, Acting CAO, advised that staff provided options for temporary water and sewer servicing for business on non-piped locations, specifically those that require more than the 2,000 litres per day. A small number of developments require more water than the 2,000 litre limit per day as outlined in the General Plan By-law 703. The location of these businesses and the amount of water required were identified as challenging for existing City service delivery and it raised concerns about inefficiencies in delivering water in excess of 2,000 litres to those areas.

Recently, Council directed staff to draft a new Water and Sewer Service By-law to address the issue, which if passed, would set out the license hauling requirements for water and sewer under strictly regulated guidelines. The by-law did not pass at the Second Reading on July 24, 2018. Subsequently, a public consultation was conducted consisting of a public meeting and a questionnaire for businesses. The results of these show there is an immediate need to provide services to existing businesses and a solution to provide temporary trucked water and sewer service delivery for existing businesses.

The options presented for Council's consideration:

Option 1 – City services

- Provide trucked water and sewer services to existing businesses that require more than the 2,000 litres limit.

- City would maintain full control of its services.
- Would eliminate complex issues.
- Additional strain on the services.
- There could be some overtime.
- Some scheduling adjustments.
- Possibly some training.
- The need to lease a truck.
- Additional developments will require trucked services this year. It was noted that there are additional developments in Apex that will require trucked services.
- If this option is selected, an assessment of the operational requirement would continue over the remainder of the year to determine the need for additional trucks, labour, training, and maintenance. This information would be used in preparation of the 2019 budget.
- Enter into an agreement with those existing businesses that require additional water.

Option 2 – Contracted Services

- Could provide trucked water and sewer services to existing businesses that require more than 2,000 litres limit by contracting out the service.
- This may result in some labour issues.
- Could be difficult to monitor and enforce.
- Agreements for labour and repair would be required.

Option 3 – Licensed Hauling under new Bylaw 200

- Permit licensed hauling.
- Pass By-law 200 to govern these agreements.
- By-law with licensed hauling provisions is not widely supported.
- This may open up the door to businesses requiring additional services to build in non-piped areas.
- Timeline for passing the bylaw is prohibited to businesses and projects.

Option 4 – Licensed Hauling - no change to By-law 200

- Permit licensed hauling.
- Do not pass the new by-law.
- Enter into agreements with individual companies for licensed hauling.
- Use provisions from the new proposed by-law to create the agreements.
- City would have less authority over the contract without the new by-law provisions.

Option 5 – Not to provide or allow for additional water and sewer services

- Do not make changes to the bylaw that includes licensed hauling.
- Do not permit additional water delivery and sewer hauling for existing businesses.
- This option would be prohibited, even detrimental, for local businesses that require the additional services to operate.
- Some development permits have already been approved and legal issues may arise.

The policy implications:

- The General Plan By-law 703 Section 7.5 states, “All new residential, commercial, and institutional development will be serviced by utilidor.” Despite policy 3, Council will approve the limited development in Apex, the Tundra Valley, the un-serviced portion of Thunder Ridge, and other existing lots in areas where municipal services are not available in the adjacent road allowance. Development approved by Council shall be limited to single detached, semi-detached or duplex residential developments, and to small scale commercial and institutional developments, where water use does not exceed 2,000 litres per day.
- It also states that “New industrial developments may be permitted on trucked services depending on the use being proposed, and any use of the water demand greater than 2,000 litres per day shall require connection to the utilidor.”
- In at least two cases, developments were approved on a conditional basis, and changes were made to the initial applications as to how these developments would access water. However, approvals for these developments are in place.

Staff has provided options to Council to provide water and sewer services above the 2,000 litre water limit, until such time as they can be connected to the utilidor.

Ms. Elgersma suggested that in the future to comply with the by-law, developments on truck services should only be approved when it can reasonably be able to keep within the 2,000 litre water limit. She also suggested that planning for the expansion of piped water and sewer infrastructure to serve the Federal Road area be pursued to allow for increased development. This should be considered a priority for the 2019 budget.

Ms. Elgersma noted that Council may select one of the five options or refer the matter back to staff for more information. She advised that staff is recommending Option 1, to provide additional services to existing businesses that require additional services.

Mayor Redfern clarified by existing businesses, it also includes approved businesses that are yet to come into operation.

Mayor Redfern noted that staffs’ recommendation is for Council to approve Option 1, for the City to provide trucked water and sewer services to businesses requiring more than 2,000 litres of water. It has been assessed, and while this may pose some challenges, the City could still proceed with providing the service. Staff will monitor the delivery of the service throughout the year and make recommendations for the 2019 capital budget, that would possibly address water and sewer issues related to these businesses that require more than 2,000 litres of water.

Councillor Sheppard commented that Council has gone through a long process to get right back to a simple solution. He asked staff to explain how they propose to accomplish Option 1 to deliver services.

Ms. Elgersma advised that there will have to be some operational changes made within the water and sewer services division.

- The trucks will operate seven days a week.
- There will be an active maintenance and repair rotation plan to ensure that the trucks can stay on the road without interruption.
- If this proves to be too difficult, then there may have to be an option to lease a water truck.
- Impact on overtime.
- Scheduling changes.
- Staff will assess the efficiencies and how it is going.
- A recruitment and training program may be necessary to recruit drivers. It has been challenging for the City to recruit and train drivers. Often there are other companies that are recruiting City staff to work on their projects.
- Possibility of purchasing another water and sewer truck next year.

Councillor Sheppard noted that based on the feedback from the public consultation, this seems like the best case scenario. Residents have requested that the City maintain control of the resources and service, and have also indicated the desire for the City to provide these services for the businesses.

Motion #18-285

Moved by: Councillor Sheppard

Seconded by: Deputy Mayor Stevenson

That the City enters into service agreements to provide trucked water and sewer services to existing businesses requiring more than the 2,000 litre limit.

For – Stevenson, Matshazi, Nattaq, Sheppard
Opposed – Papatsie, Akumalik
Carried

Deputy Mayor Stevenson commented that Option 1 will push City staff, equipment and infrastructure to the maximum capable limit, all because this Council was too afraid of doing the logical and realistic thing and re-write a 30 year old bylaw and come up with a sustainable solution. Deputy Mayor Stevenson is embarrassed a little bit that he is voting in favour of this motion, but he feels he has to, as it is the only way to come with a solution for the predicament Council has put themselves in.

Councillor Akumalik asked about General Plan By-law 703 and how it conforms to this proposal.

Mayor Redfern pointed out that the General Plan By-law 703 Section 7.5 states, “All new residential, commercial and institutional development will be serviced by the utilidor.” And also in the General Plan it states, “New industrial developments may be permitted on

trucked services, depending on the use being proposed. And any use of the water demand greater than 2,000 litres per day shall require connection to the utilidor.”

Mayor Redfern noted that Council made three decisions that permitted commercial and institutional development to occur for businesses requiring more than 2,000 litres per day that will not be on the utilidor.

Councillor Akumalik asked if there is a water management plan.

Ms. Elgersma advised that Council approved in the 2018 capital budget the development of a water management plan and the City has been actively working on the plan. The work on the plan will continue over a two year period.

Mayor Redfern noted that during discussion with staff, not only recently but previously, that many residents may not be aware that they have the ability to set their water tank float so that the light goes off when water is required. Mayor Redfern suggested that the floats could be set at a reasonable level, and to share with residents what their daily, weekly, and monthly water usage is, so that residents understand that a household may use 500 litres, but the tank holds 2,000 litres. In some cases, the float is set too high and the light goes off indicating water is needed, but there is still a large quantity of water remaining in the tank; this is not an efficient use of staff.

Mayor Redfern also suggested that sensors could be used to help the truck drivers and helpers know what the water level is in tanks. Staff could also work with residents to determine when it is reasonable for water delivery to ensure residents always have water, because Council does not want residents to run out of water. Mayor Redfern noted it puts more strain and time to service residents for small quantities of water. When talking about efficiencies, this is one item to consider.

Councillor Sheppard commented that assuming this option passes tonight; obviously there will be some sort of agreement in place with those that are getting extra services. He would like a statement included in the agreement that residents receive preferred status if there is an issue. Councillor Sheppard feels this is a good temporary service until a permanent solution can be found. It has been recommended by administration as the best option, and hopes the right thing can be done to get it passed tonight.

Councillor Nattaq noted consideration must be given to the number of people in a household when looking at the tank size. Councillor Nattaq was also concerned with the safety of staff and working longer hours.

Councillor Akumalik commented based on the Public Consultation meeting, the majority of residents are concerned with privatization of water, including the private hauling of water, and the amendment of By-law 200. He thought about the privatization of water quite a bit and noted that water is basic right and the City has a responsibility to provide water. He asked the cost to lease a truck if it is required, and if consideration was given to using an agency.

Mayor Redfern pointed out that using an agency is in Option 2 – Contracted Services.

Mayor Redfern recommended to the mover and seconder of the motion, a friendly amendment, to add and enter into a service agreement. She felt the service agreement is necessary to determine the volume required and ensures residents receive priority. A service agreement would outline these details.

The mover, Councillor Sheppard, and seconder, Deputy Mayor Stevenson, agreed with the amendment to add, enter into a service agreement.

Councillor Akumalik asked if the Request for Decision considers Nunavut Brewery, Tower Arctic and Black Heart Café, and Mayor Redfern advised that was correct, as well as the potential development in Apex.

Councillor Akumalik asked for confirmation that the brewery received approval to take water from the Sylvia Grinnell River.

Mayor Redfern advised that the original plan was for the brewery to take water from the Sylvia Grinnell River and there has been discussion. Mayor Redfern explained that water could be drawn from the Sylvia Grinnell River, but it may not be possible to do daily throughout the year due to the ice conditions. She is not aware of the status of the Water License with the Nunavut Water Board, and whether or not they have provided proof that they can draw water from the Sylvia Grinnell River.

She pointed out that the brewery suggested doing their own hauling of services if By-law 200 had been passed, or they were happy to receive truck services from the City, or provide a lease truck to the City if the City chose to proceed with option 1. Mayor Redfern noted the main thing is that the brewery needs water, and she understands that the brewery is prepared to accept whatever Council decides as long as they get the water they need.

Councillor Akumalik asked if the brewery was approved to get water from the Sylvia Grinnell River.

Mayor Redfern advised approval was received from Council, but the brewery needs approval from the Nunavut Water Board and receive a park permit. She noted that the brewery has made several amendments and requests, and the main thing is that they need water.

Ms. Elgersma clarified that the City does not have the ability to approve the brewery to get water from the Sylvia Grinnell. Approval would come from the Nunavut Water Board and would require them to meet their requirements.

Mayor Redfern advised approval would also have to be received from Nunavut Parks, as they would be using the park road and drawing water from the park area.

Councillor Papatsie was pleased to see that there is cooperation among all the entities, and services must be fair for everyone in the community. He was concerned about the City being unable to provide the services, the cost to lease vehicles and how the service will be delivered. It is important that everyone conserves water. If Option 1 is approved, it will be good to have the information from the assessment of services when considering the 2019 budget.

Mayor Redfern noted that during conversations with staff, it was suggested that priority be given to get some of the homes that are very near the piped services off trucked services and connected to the pipe service. This would free up more time for staff to provide trucked services. Mayor Redfern suggested that it would be useful for staff to have this information and assessment available during budget discussions and capital planning.

Mayor Redfern felt it would be useful that the service agreements being entered into with the businesses requiring in excess of 2,000 litres of water a day should reflect the intended or proposed use, including water quantities as outlined in the approved development permits. The same thing with the Tower Arctic development; is that the service agreements need to be in keeping with what they submitted to Council with their development permit, with required amount of sewage trucked service.

Mayor Redfern reminded Council the proposed motion was Option 1, that Council enter into service agreements to provide trucked water and sewer services to existing businesses requiring more than the 2,000 litre limit.

Councillor Matshazi was very pleased with the various options presented by staff. He noted that he will vote in favour of Option 1 because it makes sure that businesses will function, but Council will not lose control of the water.

b) Task Force Update

Amy Elgersma, Acting CAO advised that the task force has been busy meeting three times a week and working very hard to address the low water level. She noted the following:

- Experiencing a water supply issue.
- The reservoir is lower than normal for this time of year and is not likely to support the City's water demand through the coming winter.
- The greatest amount of water provided to the reservoir comes from the winter months in the form of snow.
- The freshet occurs in the spring and early summer. The reservoir levels after the freshet in mid-July were low this year.
- Extensive historic data was gathered, including the water reservoir level and climate and water usage to help analyze whether it would be sufficient water to satisfy demand through the 2018/2019 winter season.

- The City commissioned a water modelling report to determine the amount of precipitation required to fill the reservoir to ensure sufficient supply of water is available. The results concluded it is a high probability that the reservoir will not naturally recharge with rainfall, and there may be a serious water shortage this winter. This is a result of much lower than normal snowfall this past winter, lower than normal rainfall this summer. Although Environment and Climate Control Canada is forecasting average rainfall for the remainder of the summer and fall, this is not enough to replenish the reservoir.
- Water being used by the City is higher than normal, due to increased development, aging utilidor system and melting perma-frost, which all worsen the situation.
- A task force was developed to address the water supply issue.
- The task force is made up of representatives from City Council, Federal and Territorial agencies, including Mayor Redfern; Deputy Mayor Stevenson; Acting CAO; Director of Engineering and Public Works; City Planner; City Procurement Officer; City Communications; Government of Nunavut Community and Government Services Department and Department of Health; and Federal Departments of Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC) and Department of Fisheries and Oceans (DFO).
- The City and the task force have contacted the Nunavut Water Board and Nunavut Planning Commission.
- The City and the task force have also updated Qikiqtani Inuit Association (QIA) on the situation.

The key measure that the City is undertaking to address the water supply issue, which has been discussed widely with the task force includes:

- A water loss control program. The City has repaired all known breaks in the water distribution system, reduced non-essential bleeds and is inspecting all access vaults and repairing any leaks that are discovered.

Water conservation campaign

- The City is conserving water that is being used through its own operations.
- Sharing messages to encourage the public to assist by conserving water.
- Has identified high water users and will engage them in water conservation strategies to reduce their water demand as well.
- Working on a supplementary pumping program. The City will pump water from the Apex River, and if necessary, from other nearby lakes into Lake Geraldine.
- Work crews will access the river via the Road to Nowhere and place the intake in the area in the sandpit.
- Goal is to make sure that Lake Geraldine is topped up prior to the on-set of the freeze-up.

Engage adequate water supply

- To ensure it is available over the winter.
- A reverse osmosis unit is being considered. The Government of Nunavut has a unit currently out of territory for servicing and have committed to making this unit available to the City. This operation is available as a plan B if the above measures provide to be insufficient to get through the winter.
- Have been working closely with regulators to obtain an amendment to the Water License and to determine the best approach to resolving the water supply challenge.
- Working closely with CIRNAC and DFO, as well as the Nunavut Water Board and Nunavut Planning Commission.
- Support has been from the Government of Nunavut Community and Government Services Department and Health Department.
- Honourable Carolyn Bennett, Minister of CIRNAC authorized the City to proceed with its response plans for supplementary pumping on a temporary basis.
- Received notification that DFO has provided authorization for supplementary pumping from the Apex River.
- Just received an amendment to the City's Water License to start the pumping program.

Ms. Elgersma acknowledged that the City and task force are very appreciative of the agencies that have worked closely and have assisted greatly in achieving the approvals necessary to start the pumping.

Details on the pumping program:

- Pumps and hoses are now being mobilized, with an anticipated pumping start date of August 17.
- The Road to Nowhere area will be restricted to allow construction crews to access the pump site.
- There are currently various lay-out areas stationed along the Road to Nowhere for hoses, road material and equipment storage.
- Determined that at least 60 days of pumping is needed to achieve the 400,000 cubic metres required to fill the reservoir.
- Continuous non-stop pumping at a rate of approximately 8,000 cubic metres per day is targeted until the freeze-up.
- To access the pumping intake, a trail of approximately 200 metres is being constructed from the shooting range to the river.
- A pad, along with a berm, will be constructed to station a generator 20 metres from the river.
- The pad was constructed and pumps were brought on-site today.
- The pumping intake will include a large plastic container with wire mesh that will be inserted into the river where the hose intake is inserted.
- There will be a special fish net to ensure that if there are any small fish in the river, they will not be inserted into the piping intake.

- The hose will run to Lake Geraldine with pump stations in the river channel.
- Security will be stationed at the pumping locations 24 hours a day, seven day a week.
- The City is taking a precautionous and conservative approach in developing a response to the public health and safety of the community.
- City has received tremendous support for the regulators and partners. All of them have responded to the urgent situation with equipment, support and advisory services.

Mayor Redfern added that there is a commitment to working with QIA and to have a meeting with the Community Lands and Resource Committee (CLARC) to advise them of the routing in particular, and to ensure that any local knowledge and expertise may be provided to the task force for the immediate work, but also for the long-term solutions that the City and the task force are exploring.

Councillor Akumalik commented to keep up the good work.

Mayor Redfern noted that there are meetings three days a week, plus non-stop meetings for the staff and agency partners. Mayor Redfern commended everyone on the tremendous good work.

Mayor Redfern noted that she visited the site yesterday with City staff, and all work and effort is being done to ensure that existing trails are used and there will be minimal damage to the environment.

Councillor Sheppard asked due to the location of the intake pump, will the shooting range have to be closed.

Mayor Redfern advised that the shooting range will have to be closed and the Iqaluit Shooting Association has been notified.

Councillor Matshazi asked if the efforts being made to increase the water supply will be sufficient to provide water to business in excess of 2,000 litres per day.

Mayor Redfern noted that the work that is underway is not just a matter of topping up Lake Geraldine. Efficiencies are also being considered as follows:

- Approximately 10 percent of the water is used in the water treatment process.
- Look at completing all the repairs where there were known breaks and new determined breaks.
- Considering innovative solutions like the flexible couplers that would reduce breaks in the consistently known problem spots.
- Identifying the largest users of water and having discussions with them about water conservation or determining the reasons for such high water use.
- Working with any of the institutions about any known internal leaks within the facilities to ensure that they are repaired.

- Identifying and seeking funding to assist the City with immediate work that is underway, but also seeking funding for the long-term secondary supplemental water that the community requires.

Councillor Matshazi commented that he is pleased that providing water to businesses in excess of 2,000 litres per day is sustainable, based on the information provided by Mayor Redfern.

c) Request for Decision – Water and Sewer Services

Decision made under 9 (a) Discussion Item – Water and Sewer Services Bylaw Public Consultation.

10. COMMITTEE REPORTS

None

11. CORRESPONDENCE

- a. Nunavut Research Institute – Project Update: “Mapping the Journey: Inuit perspectives on the role and value of participatory mapping. “

Presented as an information item.

- b. Nunavut Research Institute – Final Report: Inuit String Figures (*ajarraarniq*)

Presented as an information item.

12. IN CAMERA SESSION

As per Section 22 (2) (a) CTV Act and By-law 526 Section 67

- Three Legal Matters

Motion #18-286

Moved by: Deputy Mayor Stevenson

Seconded by: Councillor Sheppard

Council goes In Camera at 7:37 p.m.

Unanimously Carried

Motion #18-287

Moved by: Deputy Mayor Stevenson

Seconded by: Councillor Sheppard

Council returns to Regular Session at 8:56 p.m.

Unanimously Carried

Motion #18-288

Moved by: Deputy Mayor Stevenson

Seconded by: Councillor Akumalik

That the settlement for Lot 4-3-3-1-1 is approved and that the City proceeds to execute the terms of the settlement.

Unanimously Carried

13. ADJOURNMENT

Motion #18-289

Moved by: Councillor Sheppard

Seconded by: Councillor Nattaq

Council adjourns at 8:59 p.m.

Unanimously Carried

Madeleine Redfern
Mayor

Amy Elgersma
Acting Chief Administrative Officer

Approved by City Council on the **23** day of **October**, 2018.