

**Board of Public Works Meeting  
Meeting Minutes  
August 23, 2018**

A meeting of the Board of Public Works was held on Thursday, August 23, 2018, at 5:30 p.m. in the Auditorium at City Hall, 229 Main Street, Nashua, NH 03060.

Commissioner Ackerman, Vice Chair, declared the meeting to order at 5:30 p.m. and called the roll.

Members Present:

Commissioner Joel Ackerman, Vice Chair  
Commissioner Tracy Pappas  
Commissioner Kevin S. Moriarty  
Commissioner G. Frank Teas

Members Absent:

Mayor James Donchess, Chair

Also Present:

Ms. Lisa Fauteux, Director of Public Works  
Mr. Nick Caggiano, Superintendent of Parks & Recreation  
Mr. Jeffrey Lafleur, Superintendent of Solid Waste  
Mr. Jon Ibarra, Superintendent of Streets  
Mr. Scott Law, Wastewater Foreman  
Mr. Stephen Dookran, City Engineer  
Alderman Ernest Jette, Aldermanic Representative

Director Fauteux

There is one amendment on the agenda which is under Parks & Recreation regarding eight free libraries. Mr. Mike Apfelberg from the United Way is supposed to be here to talk about them.

**MOTION:** Commissioner Ackerman to approve the agenda as amended.

**MOTION CARRIED: Unanimously**

**Approval of Meeting Minutes – July 26, 2018**

**MOTION:** Commissioner Pappas to defer approving the minutes of the Board of Public Works Meeting of July 26, 2018, pending a correction on page 18.

**MOTION CARRIED: Unanimously**

**Public Comment**

There was none.

**Parks & Recreation**

**A. MOTION:** Commissioner Pappas to approve the installation of five Little Free Libraries by United Way of Greater Nashua at the proposed locations of Lajoie Field, Roby Park, Lincoln

Park, Atherton Park and Thornton Park and the placement of three Little Free Libraries by Girl Scout Jamie Evans-Garcia at Centennial Pool, Crown Hill Pool and Rotary Pool.

Director Fauteux

For full disclosure, the three Little Free Libraries at the pools that were constructed by Girl Scout Jamie Evans-Garcia have already been installed. There was some confusion in terms of getting the Board of Public Works approval. If the Board does not approve of these locations then they will be removed. The others have not been installed.

Mr. Nick Caggiano, Superintendent of Parks & Recreation

This is the second round of the free libraries that we have done. The United Way has worked with the Mayor's office. I was working with a young woman who was working on her Girl Scout Silver Award, which is the equivalent to a Boy Scout Eagle Project. She came to me and proposed that the little libraries she constructed be put at the three city pools which I thought was a wonderful idea. My error was that I should have come here and talked about it earlier but it was an oversight on my part. She is a great young woman who did a great job.

Commissioner Pappas

I certainly do not object to having any free libraries at the pools.

Commissioner Moriarty

Was there any opposition to this?

Mr. Caggiano

Not to my knowledge, it was just brought to my attention that technically I should have come to you first and that is on me.

Commissioner Ackerman

No worries.

**MOTION CARRIED: Unanimously**

**Solid Waste Department**

- A. MOTION:** Commissioner Teas to renew Sanborn Head and Associates, Inc. (SHA) Landfill Gas Management Suite (LFGMS) service for 3 years from FY19 to FY21 in an amount not-to-exceed \$12,000 per year; pending finance approval. Funding for this service is found through Department: 168 Solid Waste; Fund Solid Waste; Account Classification 53 Professional & Technical Services.

**MOTION CARRIED: Unanimously**

- B. MOTION:** Commissioner Ackerman to approve a contract with ClearSpan Fabric Structures International in the amount of \$54,521.85 to construct a structure to cover the recycling area in the landfill where recyclable material is stored. Funding for this contract is through Department: 168 Solid Waste; Fund: Solid Waste; Activity: Recycling Area Restoration.

**Discussion:**

Commissioner Pappas

That looks like less than we had set aside, is that correct?

Mr. Jeffrey Lafleur, Superintendent of Solid Waste

We put aside \$220,000 for recycling area restoration. There are multiple projects that will be drawn off that but this will be one of the bigger projects.

Commissioner Pappas

What are we going to do with the remainder of the \$220,000?

Mr. Lafleur

I have some ideas that I have not yet discussed with the Director but there are some areas which are in need of dire repairs.

Director Fauteux

The buildings are in really rough shape. We will probably look at restoring electronics.

Commissioner Ackerman

One of the questions I had for the Superintendent prior to our meeting was regarding the background on this. I wondered if it was solid enough to withstand the snow and the Superintendent had some enlightening things to share with me.

Mr. Lafleur

This is engineered through ClearSpan so they have an engineered stamp for it so it is made for areas with heavy snow. Manchester just installed the same exact model for their salt barn.

**MOTION CARRIED: Unanimously**

**Street Department**

- A. MOTION:** Commissioner Pappas to approve the purchase of one Johnson Vacuum Air Sweeper from Sanitary Equipment Company Inc., Stoughton MA, for a price of \$274,100 pursuant to HGAC Contract #SW04-18. Funding will be through Department: 161 Street; Fund: Trust; Activity: CERF.

**MOTION CARRIED: Unanimously**

- B. MOTION:** Commissioner Teas to award the contract for the Design/Build of the Fuel Island located at the Street Department Facility to Envirotrac Environmental Services Ltd. of North Andover, MA. Funding will be through Department: 161 Streets; Fund: General and Escrow; Activity: Fuel Depot Rehabilitation.

**Discussion:**

Commissioner Teas

I would like to note that this does not reference a dollar amount for that contract.

Commissioner Moriarty

I will make a motion to amend the motion by adding the amount of the contract to \$259,488.

Commissioner Ackerman

Why is this required for the city?

Mr. Jon Ibarra, Superintendent of Streets

It is failing infrastructure. The island is deteriorating, the below grade piping needs to be replaced because it is rotted and cracked. It is a safety issue and it is a main hub for the police department, fire department and the entire division.

Director Fauteux

The fuel pumps are also failing. We had significant problems with the fuel pumps last year. We were hoping to get it done this fall but it looks like it might be spring because of approvals from DES. It takes about 90 days to get those approvals so we are going to move as fast as we can.

Commissioner Moriarty

Is the funding coming solely through our department?

Mr. Ibarra

It is coming from Capital Improvements, the money was escrowed to put towards this project.

Commissioner Moriarty

Obviously, other departments will be using the island.

**MOTION CARRIED: Unanimously**

**Wastewater Department**

**A. MOTION:** Commissioner Pappas to approve the User Warrants as presented.

**MOTION CARRIED: Unanimously**

**B. MOTION:** Commissioner Pappas to approve the purchase of one 2019 HV507 SFA 4x2 Cab and Chassis Truck from Liberty International of Manchester, New Hampshire for the price of \$85,950. Pricing for the purchase will be off the State of New Hampshire contract. Funding will be through Department: 169 Wastewater; Fund: WERF; Account Classification: 81 Capital.

**Discussion:**

Commissioner Ackerman

More often than not, when they were replacing or buying new vehicles, it typically comes from a fund called CERF but this one is from WERF. Is that one in the same or different?

Director Fauteux

No, they are different. CERF is for all of our departments except Wastewater. Wastewater has their own fund called the Wastewater Equipment Reserve Fund and that is because they are an enterprise fund.

This is actually their clamshell truck and it is a pretty cool piece of equipment. It is very badly needed.

Mr. Scott Law, Wastewater Foreman

With the paving project going on we have a lot of catch basin cleaning to do and right now, we are using our Vactor trucks for that which wears the elbow and the rubber hose out. This actually has a crane with a grapple so when we get to the catch basins that has three or four feet of debris, we can lower that in, put it in the back of the truck and dump it at the landfill. We can do an entire street or a couple of streets at a time.

Commissioner Ackerman

It sounds like it is very important to the paving project.

Director Fauteux

Absolutely.

**MOTION CARRIED: Unanimously**

- C. MOTION:** Commissioner Teas to approve the purchase of a Stetco 950T13 Catch Basin Cleaner from Howard P. Fairfield in Pembroke, NH, for \$126,923 pursuant to the GBPC (Greater Boston Police Council) contract 2018 pricing. Funding will be through Department: 169 Wastewater; Fund: WERF; Account Classification: 81 Capital.

**Discussion:**

Commissioner Moriarty

Is this an attachment to the truck that we just approved?

Mr. Law

That is correct.

Commissioner Moriarty

Is this used in the spring, summer and fall and then the attachment is removed.

Mr. Law

No, it can be used all year round.

Commissioner Moriarty

What happens when we use this truck to plow?

Mr. Law

The boom on the back stays in the center of the truck and then the plow can be mounted in the fall. It is the same plow as will be on the rest of the DPW trucks.

Commissioner Moriarty

Is that typical of equipment use like this because I would think that would add to the wear and tear.

Mr. Law

The previous cleaner that we had also had a plow on it. It will not be used throughout the city, it will be mainly be used at the plant and maybe the neighborhood right outside of the plant.

Director Fauteux

That is correct, it will not do a lot of plowing and if we ever need help to open up the neighborhoods near there, it might be used for that.

Commissioner Moriarty

Do we have storage available for that truck or will it be parked in the elements all year long.

Mr. Law

It will be in the elements with the rest of the trucks for now but that is something we are trying to work on.

**MOTION CARRIED: Unanimously**

- D. MOTION:** Commissioner Pappas to approve the purchase of an American 4511 P1SA Snow Plow and Controls from Howard P. Fairfield in Pembroke, NH, for \$20,355 pursuant to the attached quote and sole source letter. Funding will be through Department: 169 Wastewater; Fund: WERF; Account Classification: 81

**MOTION CARRIED: Unanimously**

Commissioner Ackerman

Mr. Michael Apfelberg, President, United Way of Greater Nashua, was present to address the audience.

Mr. Apfelberg

I understand you already voted on what we are going to be doing so that is great, thank you. This is the second year we are doing the Little Free Libraries in the community. Last years' project was very well received. We had one library that were destroyed along the way so we started with eight but ended up with seven. The public library has been a fantastic supporter of the program. BAE and P&L Landscaping have been great partners and we are very excited about this years' batch of libraries that are coming into the community and wanted to ask if anyone had any questions.

Commissioner Pappas

We were very excited about them and having them at the pools is a terrific idea. Thank you so much for stepping up.

Mr. Apfelberg

Thank you so much for supporting it, we appreciate that. We think the new locations that we have are going to be really good for the community.

**Engineering Department**

**A. MOTION:** Commissioner Pappas to approve the Residential and Commercial Wastewater Service Permit and Fees as submitted.

**MOTION CARRIED: Unanimously**

**B. MOTION:** Commissioner Teas to approve Drainlayer's License for S&R Corporation, 706 Broadway St, Lowell, MA, 01854, in accordance with Nashua City Code §255-19 Issuance of Drainlayer's License.

**Discussion:**

Commissioner Teas

Mr. Dookran, where is this work being done?

Mr. Dookran

At this point in time, they have not applied for a permit to do any work.

Alderman Jette

At the last meeting, Commissioner Teas asked why the Board was dealing with drainlayer's licenses and it was pointed out that it was part of the city code, which could be changed by the Board of Aldermen. If the Board of Public Works would like to suggest a change to the ordinance, I would be happy to sponsor that.

Commissioner Teas

Is it just tradition that we do it that way? Does it have an impact on business because people have to wait a month to get a permit?

Director Fauteux

That is a good question. I have not had any complaints about it. Usually what happens is when the Board approves it then I get a certificate and I sign the certificate.

Commissioner Teas

Have we ever declined anybody and if so, why would we decline anybody?

Mr. Dookran

The Board has not declined but we have declined to bring people to the Board because of issues. On occasion, there may be a company waiting to get the license but there is also the option of the company working under a licensee. The company can be a sub-contractor of the licensee.

Director Fauteux

It is probably one of those formalities that does not have a lot of use.

Commissioner Teas

I think this type of decision should be done within the department and I would not see the Board of Aldermen adding much value because we are just generally approving them anyway. I believe the Director and the Superintendent would have the best knowledge of that.

Commissioner Moriarty

I would suggest that the Board get a copy of the City Ordinance so we can review it and then put it on the agenda for the next meeting.

Director Fauteux

Fair enough.

Commissioner Pappas

Do you look up if they have done business somewhere or if they are on some list by the Better Business Bureau?

Mr. Dookran

Typically, we just call references. We like to rely on a city or town reference as opposed to their private work. Typically, we get good references.

Commissioner Ackerman

I would concur with Commissioner Moriarty's suggestion that the Director provide the ordinance and we put it on the September agenda.

**MOTION CARRIED: Unanimously**

- C. MOTION:** Commissioner Pappas to approve Change Order No. 2 to the paving contract for the FY18 Paving Program with Newport Construction of Nashua, NH, in the amount of \$359,738. Funding will be through Department 160 Admin/Engineering; Fund: Bond; Activity: Paving.

**Discussion:**

Alderman Jette

There have been a lot of complaints. I understand that it is a huge project that is taking a lot of time but there have been a lot of complaints about the process. I do not know if these complaints are legitimate or not but are you happy with Newport?

Mr. Dookran

Yes, we are for the most part. I told the Director earlier this week that we are quite surprised that they have made so much progress given the extended work and the conditions. This is certainly our largest project



ever. Every project like this will come with some inconvenience. In order for Newport to make the progress and still be able to make a profit they have to open a lot of streets at the same time. It costs a lot of money for them to move their equipment from one community to another. People might wonder why they are not coming back to finish and that is because they do not have enough work to warrant coming back until more work is ready. That might be one reason why people are a little upset. We are getting to the streets one by one and they are ready to do another batch of streets. When they close up the streets that they have opened within a few weeks they will probably be about 65% to 70% complete. I did not expect them to make that kind of progress.

Commissioner Pappas

Is a lot of the hold up because of the coordination with utilities?

Mr. Dookran

That is correct. It is the first time the utilities have seen this amount of work and they are not geared up to complete the work ahead of us. Even though they knew it was coming, they have a budget, like we do, and they can only accomplish so much. They had a program that was not in line with the paving program because they have old infrastructure in the streets that although are not ready to paved, they still have to tend to the leaks and such.

Director Fauteux

I think the residents do not understand the magnitude of work that we are doing and that it is being done in phases. We are doing a lot of milling, for instance, then we might raise structures and then there might be some base paving but we may not go back to final pave for a while because they are doing it in different phases and there are different crews. Driveways may not be tied in for a while. I think there is some frustration there. When we are only doing two miles of paving, it is easy to get it all done at one time but now, with the magnitude of the program, it is so large that it seems to going much more slowly than it is. We are trying to explain that and people are starting to understand but that is what I am hearing people have been frustrated about.

Commissioner Pappas

I think that people sometimes do get confused with all of the utility work and they think it is the paving but it is not the paving, it is the pre-cursor. My second thought was it has been very difficult for us to keep up with an accurate schedule because it is just the way of things. We have a call system through Nashua and they do a great job if they know, for example, if Main Street is going to be closed. I do not know how specific it can get but can we make calls to every person on say Manchester Street to expect delays.

Director Fauteux

Lauren Byers and I have talked about that and the problem is the magnitude of the program. It is a moving target all of the time and we are struggling just to try to get the streets out on a weekly basis. We are trying but things change on a daily basis. I know that Ms. Mandeep Gill, who is managing the paving program for the Engineering Department for the most part, has said it is very difficult to pinpoint when things are....and we have been asked if we can provide more details about what is going to happen on each street but we just cannot because unfortunately, we do not have that information. I think Ms. Byers is doing a pretty good job but there is a limit to even what we have for information. Is that correct, Mr. Dookran.

Mr. Dookran

That is correct. Commission Pappas is asking about a call system and I do not think it is tailored such that it would target a specific area. Some calls that have gone out in the past have annoyed people because they think it did not concern them. I do not have a system that is designed to do that but we can find out.

Director Fauteux

It could be done but it would be a lot of work to try to do and I would be concerned that we would not be giving accurate information. I think people just need to be patient. We get a lot of “why isn’t my street being paved instead of this street.” We have tried to save streets from getting to the point of full-depth reclamation because it is the most expensive. For that reason, we might be paving streets that are in a little bit better shape than others. The other thing is that the condition of our streets are not very good and not everyone can go first. Stantec is determining which streets go first but we also have utility work that plays into that. We may not be able to do a street because there is utility work that needs to be done and the utilities cannot keep up. It is really a balancing act. If there is a sewer that needs to be replaced then we are certainly not going to pave it and then dig it back up. There are so many things that factor into why we choose the streets.

Commissioner Teas

Would it be beneficial for us to learn a little bit more about the program and the significance of it, both the paving and the utility work? That way when we are approached by folks we can say to them with a high degree of confidence that their segment of road is less than 1% of the total project. We can have empathy with these folks and educate them a little bit as well. I got a call last week, and I was able to check the paving schedule and the resident’s street was on the list for this week so I was lucky.

Director Fauteux

I would encourage people to go on Facebook because we do post that information on Facebook as well as on the main page of the city’s website under “**Road Construction**.” We post a lot of information on the Nashua Public Works page, road closures and paving schedules.

Commissioner Pappas

I have noticed, with regard to some of the utility work done on side streets, that the patchwork is lousy and I hope it is not permanent patchwork. I know we have Street Inspectors that will eventually catch up but some of these patches should not be there through the winter.

My next question has to do with crews who are working for the utilities, I understand that they have to leave their construction equipment in the neighborhood but I am finding that they are parking too close to stop signs which can cause site line issues and the equipment is so large it can make it a bit hairy while trying to pull out on a two-way street.

Some of our major streets that are set to be re-paved still have utility work being done on them. Are we going to be able to get all of our crosswalks done and out of curiosity, when we have to redo our crosswalks on the major roads that are kind of expensive crosswalks, does that come out of the paving bond?

Director Fauteux

Yes. The re-striping is through the paving program.

Commissioner Pappas

So when we have the brickwork done on a crosswalk, will that have to be re-done.

Mr. Dookran

Let me elaborate on that. A few of those expensive crosswalks on Concord Street were impacted by the gas company and they are responsible for restoring them. Those that were not touched, we will preserve them because of the cost. When we installed those crosswalks, we milled and re-paved just that section of street.

Commissioner Moriarty

I noticed there is a funding request to address Charron Avenue. It is not a street that I drive often on, can you tell us why we are doing that.

Mr. Dookran

Charron Avenue itself is on the paving program to restore. The change order is to widen Charron Avenue to make a separate right turn lane onto Pine Hill Road. The additional cost of \$24,000 is what the contractor would need to widen the road.

**MOTION CARRIED: Unanimously**

Commissioner Ackerman

Mr. Dookran, since the paving program is a 7-year aggressive paving program for the City of Nashua, and there is a lot of coordination going on, is there anything that we can do between now and the end of the calendar year to work with the utilities to beef up what they need to do in year two, three, four, etc.

Mr. Dookran

We are in constant communication with the utility companies. We have bi-weekly meetings with Liberty Utilities and they have already sent us their upcoming program and we will meet and crosscheck their work with our work. We do the same thing with Pennichuck. They know that they have to put resources in because we are not going to wait on them. We are hoping for 5 years and not 7 years with an additional 5 years later on.

- D. MOTION:** Commissioner Teas to approve Change Order No. 2 to the contract with Leighton A. White of Milford, NH, for the FY18 Sidewalk Program in the amount of \$40,000. Funding will be through Department 160 Admin/Engineering; Fund: Bond; Activity: Paving.

**MOTION CARRIED: Unanimously**

- E. MOTION:** Commissioner Pappas to approve the contract with Hayner Swanson Inc. (HSI) of Nashua, NH, in the amount of \$391,925 for professional services in the FY2019 Sewer Rehabilitation Program. Funding through Department 169 Wastewater; Fund: Bond; Activity: Sewer Infrastructure Improvements. Pending Bond Approval.

**MOTION CARRIED: Unanimously**

**Administration Department**

**Informational**

**A. Directors Report**

- We have new ADA ramps installed on Tanguay Way and Henri Bourque Highway.
- We did some cured in place pipe lining. This is a trenchless rehabilitation method which we did on Lake Street near Lund Street. The contractor was Lane Inliner of Fairfield, ME.
- This is a sewer replacement project on Kinsley Street which Newport Construction is working on.

- Paving Update: We have done 71 streets (12.59 miles.) The paving in progress equals 27 streets (6.39 miles) and there are 30 streets where the paving has not started (7.77 miles.)

#### Commissioner Teas

Can you please share the last slide with us because that contains some valuable information so when we are asked we can point out how miles or streets that the city is working on.

#### Director Fauteux

Absolutely. We will also post this on Facebook.

- These are plantings that were installed at Abbott Square by the Church of the Nazarene. Parker Garden Design and Parks & Rec employees installed it.
- With all of the wet weather, we have had tremendous grass growth. Our large mowers are both out every day. We have 250 acres of weekly mowing and we are trying to control the weeds.
- Pickle Ball continues to grow and it is a lot of fun. They are now playing at Greeley Park as well as Fields Grove.
- This is a picture of a tree which was removed by our Parks & Rec Department on Laton Street.
- The brew fest went very well; we had about 2,400 people attend.
- We have been very busy with emergency sewer repairs. These are sewer repairs on 74 Cambridge Street, 9 Charles Street and on Stark Street.
- We have also been busy with manhole repairs. This is at 130 Northeastern Boulevard and Will Street.
- We have a lot of catch basins that need attention. On the left is an installation on Aberdeen Lane at Searles Road and on the right is at 28 Thornton Road.
- We also have sinkholes that are the topic of the hour, partially in part because of all of the rain that we have been having but also we do have some sewers that are causing some problems. We have had sinkholes on the following streets:
  - Gills Street, Elm, Ash, West Hollis, Holman Stadium Parking Lot, Whitney, Cherrywood, Northeastern Boulevard and on Main Street.
- We have been diligently working on sidewalks. This is a sidewalk in front of the Mary Sweeney Home on East Pearl Street. There was also a parking spot right in front of their door so we have asked Alderman Lopez to sponsor legislation to eliminate a parking space because in an emergency they could bring people in and out.
- This our new portable by-pass pump.
- This is a beautiful picture of a rainbow over the Wastewater Department. The Superintendent is doing a fabulous job both inside and out and the process is running very well.

Alderman Jette

I would like to have an opportunity to tour the Wastewater Treatment Plant.

Director Fauteux

Are any of the other Commissioners interested in touring the plant?

Commissioner Moriarty

It would make sense to do it on the day of a meeting and just have a meeting there.

Commissioner Ackerman

That is a great idea.

Director Fauteux

I will work on that.

Alderman Jette

May I ask that it not be the September meeting because I am not sure I will be able to attend that meeting?

Director Fauteux

Sure.

- We are trying to educate residents about keeping all types of batteries out of curbside recycling. They are not allowed in the shipments to the recycling facilities and they can cause fires. If there are any questions, because there are a number of different batteries that can be recycled and we will take them, please bring them to the Solid Waste Department separately.
- The gas expansion is completed and we have four vertical and eight horizontal wells and 700 feet of drain tube mat that was installed along the wall for gas collection.
- An AED was donated by AMR earlier this year and we had training today with all of the staff on how to use it. Hopefully, we will never have to use it.
- The last slide is that the Four Hills Landfill will be closed on Monday, September 3, 2018, in observance of Labor Day and trash, recycling and soft yard waste will be delayed by one day that week.

Commissioner Moriarty

With regard to the AED, one thing that happens is that the batteries are dead when they go to use it so someone has to be in charge of checking the batteries every year.

Director Fauteux

Yes, that is a good point and that was brought up to us.

## Commissioner Comments

### Commissioner Teas

I believe on a daily basis the Wastewater Treatment Plant receives 11 million gallons of water and when it rains, it is 17 million.

### Director Fauteux

It is a lot more than that.

### Commissioner Teas

My question is with the significant rainfall that we have experienced over the last 90 days, what type of an impact does that have in terms of additional chemicals being purchased and does it cause a strain on the department.

### Director Fauteux

It activates Wet Weather Facility and you will also see that we had several CSO activations due to the wet weather. It does put a strain on the facility. If everything is running through the plant and wet weather is running at full capacity, we could have close to 100 million gallons going through the plant.

### Commissioner Teas

Does it result in increased employee hours?

### Director Fauteux

It does. When we activate the Wet Weather Facility, we always have a Foreman there and we try to bring in additional staff. The plant is staffed 24x7, but there are less people on the 2<sup>nd</sup> and 3<sup>rd</sup> shift and that seems to always be when wet weather needs to be activated. The staff have to be qualified operators.

### Commissioner Pappas

I wanted to address that we are going to be doing some tours of our facilities in September and I think that is a good thing. Last year we got a figure of \$52 million for Burke Street and this Board unanimously voted no. I think there is a tremendous amount of respect for the administration and understand why it would be helpful to have everyone at one facility but the upside is that we have a figure. Now we have an opportunity to take a long-term view and get a second figure as to what it will cost to fix all of our other facilities and to be able to prioritize those. I think in order to do that correctly we need to set a decent amount of money aside in next years' budget. I would hate for us to say let's just try to get a figure. I think we should go through the same processes as we did to get a figure on Burke Street. I think we need to set priorities as to which facilities need the most work in the most hurry. Off the top of my head, I think Parks & Rec is in deplorable condition and it's not the city, the Director or the Superintendent's fault, it's just as a city we have not addressed certain issues. One of the things that we did do at Parks & Rec that I think helped matters short-term was the break room was in really bad shape and the city purchased materials to fix it up. I wonder if it might make sense if we can think of some short-term fixes to make things more palatable and to make it easier for people to go to work everyday. I would like us to get another figure to see what we need in our facilities on a long-term basis. I think Director Fauteux and Paul Bergeron were on the Burke Street Committee but I think when we start budgeting for next year, if you were pleased with the engineering firm that we hired, that it might be someone who might be a good resource.

Director Fauteux

Commissioner Moriarty and Alderman Jette cannot make the meeting in September so they both came and looked at all of the facilities and I think they would say that our staff is working in pretty deplorable conditions. That was the purpose of the meeting, to show you the kind of conditions that we are asking our people to work in and I do not think it is fair to them and aside from what the next steps are I think that it is important for all of you to see that. I think you will all agree that something has to be done.

Commissioner Pappas

I would imagine a good cosmetic go around would not be a bad thing and I think we can get some building materials for not a whole lot of money. I do think that going into the winter is a good time because we have a little bit more down time.

Director Fauteux

Once you see the facilities, we can talk more about it but there is not room for our staff. There is not room to build appropriate bathrooms. Parks & Rec only has one men's bathroom. That is insanity. There is no locker room, the break room is not even sufficient. I do have a presentation for you and I think it is important that you actually see it. I think it will give you a good perspective of what we are dealing with and then we can have a discussion regarding what you all think we should do moving forward.

Commissioner Ackerman

Kudos to the entire department for doing a remarkable job during tough summer weather wise and I thank them for their continued efforts.

Alderman Jette

Director Fauteux, when you were talking about the CSO (Combined Sewer Overflow) when we have the big rain storms like we have been having, that the sewer water gets combined with the stormwater and ends up in the river untreated.

Director Fauteux

Many years ago it was decided that we were going to build CSO's which are essentially holding tanks and the theory is that it would slow down the flow to the plant. Sometimes when we have really large discharges from heavy rains, they do overflow. They are actually designed to overflow. This is really a meeting that we have to have at some point, because the EPA has not been very happy with the fact that they are discharging. The EPA believes that they should not discharge at all and there has been a push to separate. I think we are going to have to move to separate in some areas where we are still having discharges, although I think it is unrealistic for anybody to think that we are never going to have discharges depending on whether or not we have very large rain events. Our Screening and Disinfection Facility does treat the water before it goes but not all of the CSO's treat the material before it goes out to the river.

Alderman Jette

That means that we are putting some untreated water into the river during storm events, is that correct.

Director Fauteux

From time to time, yes.

Mr. Dookran

Like many communities on rivers, Nashua was given a mandate by the EPA in the 1990's to separate and the city chose to do so and then it turned out that we were spending a lot more than we had planned. The program was to spend \$1 million per mile for 110 miles over a twenty-year period. We were spending \$2.5 million and we thought where we can we find the extra money. We did a study and it concluded that we could achieve the same results because sewer separation will never get you zero discharges. It is well known through the industry that is the case. Manchester is going in that direction but they are not going to guarantee you zero discharges. The study came back and said we could get similar results spending the same amount of money, about \$100 million, by doing the hold and treat and that is how we ended up with the Wet Weather Facility. It is a special unit and storage tank at CSO 4. In designing that program in 2003-2005, we knew that we would be capturing and treating storms up to a two-year to a 100-year storm. That is where you capture the majority of the contaminants because the contaminants are in the street and they then go into the system and are treated. Beyond that, we expect overflows to be rare. There could be arguments that our storms have been changing, what was a ten-year storm in the past is now a ten-year storm every couple of years or so. The storm level needs to be revisited and UNH has a research center that has been pushing that in the State of New Hampshire. We do have those discharges but they are not discharging a lot of contaminants into the rivers. It is very diluted so there is not a great extent of pollution and that is how we were able to demonstrate to the EPA in early 2000 that we are still achieving a very good level of treatment. The EPA wants to minimize the discharges, they do not go by the level of contamination, they go by the volume of contamination, regardless of how concentrated that volume is. Back in the early 2000's we were looking at \$2.5 million per mile, my guess now it would be over \$5 million per mile. We still have close to 100 miles of combined sewers so the total could be close to \$5 to \$6 hundred million to get that done.

Alderman Jette

As a follow-up, when you talk about contaminants from the street from storms, I understand that to mean the roadways get washed into the stormwater drains and there is oil and whatever that is included in that. I am asking whether or not sewage itself, the stuff you flush down the toilet, if that ends up being untreated as well.

Mr. Dookran

That is true but let me give you an idea of what that concentration is. On a daily basis, we treat 10 or 11 million gallons over a 24-hour period. If there was a storm that generated over 200 million gallons of water, because the plant itself can treat up to 110 million gallons, the Disinfection Facility can treat up to 100 million gallons plus what has been discharged so say 3 or 4 hundred million gallons. That same 11 million gallons of dry daily flow that includes a fair percentage of underground water, we do have infiltration on a regular basis so you are talking about a very low concentration of the sewage.

**Personnel**

- A. MOTION:** Commissioner Teas to accept the resignation of Stephan Lecomte, Mechanic 1<sup>st</sup> Class, effective August 17, 2018.  
**MOTION CARRIED: Unanimously**
  
- B. MOTION:** Commissioner Teas to unseal the non-public minutes for Personnel from the Board of Public Works Meeting of July 26, 2018.  
**MOTION CARRIED: Unanimously**



## **Non-Public Session**

**MOTION:** Commissioner Moriarty moved by roll call that the Board go into a non-public session pursuant to RSA:91-A(3)IB, the hiring of any person as a public employee.

*A Viva Voce Roll Call was taken, which resulted as follows:*

Yea: Commissioner Ackerman, Commissioner Pappas, 4  
Commissioner Moriarty & Commissioner Teas

Nay: 0

### **MOTION CARRIED: Unanimously**

Commissioner Moriarty made a motion to come out of the non-public session.

### **MOTION CARRIED: Unanimously**

**MOTION:** Commissioner Moriarty to seal the minutes of the Board of Public Works non-public meeting of July 26, 2018, until such time as the majority of the Board votes that the purpose of the confidentiality would no longer be served.

*A Viva Voce Roll Call was taken, which resulted as follows:*

Yea: Commissioner Ackerman, Commissioner Pappas, 4  
Commissioner Moriarty & Commissioner Teas

Nay: 0

### **MOTION CARRIED: Unanimously**

## **Adjournment**

Commissioner Pappas made a motion to adjourn.

Meeting adjourned at 6:50 p.m.