



# THE CITY OF NASHUA

"The Gate City"

Division of Public Works

Administration

## Board of Public Works Meeting of January 20, 2022

### Agenda

A meeting of the Board of Public Works is scheduled for Thursday, January 20, 2022 at 4:00 p.m. in the Auditorium at City Hall, 229 Main Street, Nashua, NH 03060.

To listen to the meeting call (929) 436-2866 - Meeting ID: 851 5856 7202 Passcode: 476349.

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#### I. Roll Call

II. **Motion:** To approve the agenda as presented.

III. **Motion:** To approve the minutes of the Board of Public Works Meeting of December 16, 2021.

#### IV. Public Comment

#### V. Solid Waste Department

A. **Motion:** To approve Change Order #1 to the contract with Chemserve Environmental Analysts of Milford, NH for water quality testing services at Nashua landfill sites for the Solid Waste Department in the amount of \$40,795. Funding will be through: Department: 168 Solid Waste; Fund: Solid Waste; Account Classification: 53 Professional and Technical Services.

B. **Motion:** To make a recommendation to the Board of Alderman to increase the charge of Construction and Demolition from \$90/ton to \$300/ton.

#### VI. Engineering Department

A. **Motion:** To approve the Sewer Service Permits and Fees as submitted.

B. **Motion:** To approve the award of a contract for Interpretive Historic Signs to Preservation Company of Kensington, NH in an amount not to exceed \$35,731. Funding will be through Department: 160 Admin/Engineering; Fund: Bond; Activity: Broad Street Parkway.

C. **Motion:** To approve a Drainlayer's License for J Pandelena & Son Construction of Raymond, NH in accordance with Nashua City Code §255-19 Issuance of Drainlayer's License and authorize the Division of Public Works to temporarily suspend the license if work is found to be unsatisfactory during an initial 6-month probationary period.

**D. Motion:** Street Opening Permits issued for Streets in Moratorium

**VII. Wastewater Department**

**A. Motion:** To approve the User Warrants as presented

**VIII. Administration Department**

**A. Motion:** To approve the proposed 2022 regular meeting dates for the Board of Public Works.

**B. Motion:** Vote for Vice-Chair to the Board

**C. Motion:** Chair's appointment to the BPW Pension Board

**D. Motion:** Chair's appointment to the Strategic Planning Committee

**E. Informational:** Director's Report

**IX. Commissioner's Comments**

**X. Personnel**

**A. Motion:** To accept the resignation of Alicia Fogle, Groundsman 1, effective January 7, 2021.

**B. Non-Public Session -** Pursuant to RSA 91-A:3, II(b) The hiring of any person as a public employee

**XI. Non-Public Session**

**Board of Public Works  
Meeting of December 16, 2021  
Meeting Minutes**

A meeting of the Board of Public Works was held on Thursday, December 16, 2021, at 4:00 p.m., in the Auditorium at City Hall, 229 Main Street, Nashua, NH 03060.

Mayor Donchess declared the meeting to order at 4:00 p.m.

**I. ROLL CALL**

Mayor Donchess

Here.

Commissioner Teas

Present.

Commissioner Moriarty

Here.

Commissioner Schoneman

Here.

Absent: Commissioner Pappas

Also Present:

Commissioner Elect, June Lemen

Commissioner Elect, Paul Shea (Via Zoom)

Lisa Fauteux, Director, Division of Public Works

Jeffrey Lafleur, Superintendent of Solid Waste

David Boucher, Superintendent of Wastewater

Bill Mansfield, Radio Systems Manager, Nashua Police Department

**II. MOTION TO APPROVE THE AGENDA**

**Motion by Commissioner Moriarty:** To approve the agenda as presented.

**MOTION CARRIED: Unanimously.**

**III. MOTION TO APPROVE THE MINUTES OF THE SPECIAL MEETING OF NOVEMBER 4, 2021**

**Motion by Commissioner Teas:** To approve the Minutes of the Board of Public Works Special Meeting of November 4, 2021.

**MOTION CARRIED: Unanimously.**

**IV. MOTION TO APPROVE THE MINUTES OF THE BOARD OF PUBLIC WORKS MEETING OF NOVEMBER 18, 2021**

**Motion by Commissioner Schoneman:** To approve the Minutes of the Board of Public Works Meeting of November 18, 2021.

**MOTION CARRIED: Unanimous.**

**V. PUBLIC COMMENT**

No comments.

**VI. COMMUNICATIONS DIVISION: DISCUSSION: MOTOROLA RADIOS FOR CITY VEHICLES**

Mayor Donchess

Public Comment. Is there any member of the public who like to address the Board of Public Works? If not, we'll go on to the next issue, which is a discussion from Mr. Mansfield who will come up to the podium. The background is when we were looking at buying Public Works vehicles at the last meeting. They included the cost of a new radio for a significant number of \$5,000.00. Commissioner Schoneman was asking about that necessity. So we passed them, but we said we would bring in our communications expert, Bill Mansfield to talk about how the radio system works and why the cost is as much as it is, and obviously he can explain and answer questions.

***Discussion***

William Mansfield, Radio Systems Manager, Nashua Police Department

Thank you, Mayor. Bill Mansfield. I'm the radio systems manager for the City. I'm not sure exactly all the questions that came about out of that last particular meeting, but right now the City's radio system is to give you a little background is a three-site simulcast radio system. It's shared by everybody within the City, all entities. DPW, Fire, Police, Transit, EMS, Schools, and right now you have, with Public Works you have 156 mobile radios, and you have 89 portable radios that are assigned or in the inventory to the Public Works Department. The way the system works is basically, they can have radio communications throughout the City and even outside the borders of the City and communicate back to anybody within the City. They can talk from, like I

said one end of the City to the other end of the City with no problems whatsoever. It's a secure system. The only way that anybody can get on the system is if their radio is programmed with what we call a system key. A secure key that prevents anybody from just jumping on having any type of radio communications on the radio system itself. As far as the Public Works Department, they have what we call "talk groups." The landfill has a talk group, wastewater has a talk group, Street Department has a talk group. Parks has a talk group, and they can talk with each other on those talk groups without any interference from anybody else within the City. All their radios are programmed where they can switch from one talk group to another talk group. So, Parks can go to Streets, and Streets can go to Landfill, whatever may need to happen to have the communication that they want. Also, in the radio it programmed for what we can interoperability channels, they're programmed in every radio in the City so that any entity can go to those channels, police, fire, whoever it may be schools and the public works can communicate with each other on those channels in case of emergency. Once the EOC is open we may have everybody go to one channel. During the fireworks we have people all going to one channel, it's a shared channel for everybody to communicate back and forth. I'm not sure is there any other specific --

Mayor Donchess

There may be other questions, but one question that certain came up was why do the radios cost as much as \$5,000.00 a piece?

Mr. Mansfield

Well I don't set the price. The radios because they are a trunked radio, it's a type of radio system that we have. They're not inexpensive radios. While the mobile radios that you have in the vehicles right are probably I want to say 13 years old at least. They last a long time because they are rugged radios. The cost of the radios, as a matter of fact we just got a quote to cut the purchase order for the radios. They're about \$3,400.00 a piece for the radios and then you have the installation that goes along with that that's approximately \$400.00 per vehicle to have the radios installed. I can't explain why the radios cost so much. I know that we get a 27 percent discount off of the list price of those radios when we purchase them. It's all for privacy and having our own secure system within the City that allows us to operate the way we do today.

Mayor Donchess

Before we go to questions, I will offer just what I've learned over the years. Correct me if I'm wrong. That there are only one or two companies that manufacture the radios that have the features required, especially for the emergency services.

Mr. Mansfield

Correct.

Mayor Donchess

They kind of have a monopoly and this is what they charge us. I think that is kind of the way it goes.

Mr. Mansfield

If I can interject.

Mayor Donchess

Yeah.

Mr. Mansfield

The system has been in place for 21 years. Prior to the system being put in place, 21 years ago Public Works had their own radio system. Police had their own radio system. Fire had their own radio system. Schools had their own radio systems, and none of these radio systems could talk with each other. The quality of the radio communications was very poor because there were multiple antennas throughout the City with all these different entities. In some sections of the town Public Works had better communications than fire, and fire had better than police. So that's why we decided to pool this all together to have better communications with each other and the City.

Mayor Donchess

Okay. Any questions, comments? Commissioner Schoneman.

Commissioner Schoneman

Who manufactures the radios? Who do you buy them from?

Mr. Mansfield

I couldn't hear you. Sorry.

Commissioner Schoneman

Who manufactures the radios? Who do you buy them from?

Mr. Mansfield

Motorola Solutions and we buy direct from them because we're such a large customer.

Commissioner Schoneman

Okay, and there's no other company that makes this type of radio?

Mr. Mansfield

There's no other company that makes this type of radio that can be on our system. Correct. It's proprietary.

Commissioner Schoneman

I see. Okay.

Mayor Donchess

Commissioner Teas.

Commissioner Teas

Just more out of curiosity as I just went through my own board meeting and got my budget approved. The price as I recall on the requisitions was up to \$5,000.00. So what happens in that instance where we haven't allocated \$5,000.00, we're spending \$3,400.00, plus \$400.00 or \$3,800.00? That \$1,200.00 doesn't go into another account that we can use for something else. We're literally just spending \$3,400.00 or was \$5,000.00 already allocated within the budget? How does that work?

Mayor Donchess

This is coming out of the CERF account, right?

Mr. Mansfield

I believe--yeah, I believe it is coming out of CERF.

Mayor Donchess

Yeah, coming out of CERF so there's the so-called capital equipment reserve fund from which equipment of significant equipment is purchased and just the money would remain in the account.

Commissioner Teas

Okay.

Mayor Donchess

It's a pool of money that's used to purchase citywide equipment.

Commissioner Teas

Thank you.

Mayor Donchess

Commissioner Moriarty.

Commissioner Moriarty

Thank you. Just out of curiosity again, are any other communications recorded?

Mr. Mansfield

For Public Works? No.

Commissioner Moriarty

For other agencies?

Mr. Mansfield

Yes. Police and fire have recordings on theirs, yes.

Mayor Donchess

Anyone else? Any other questions? All right, well the monopoly situation of course is a sore point and the cost is a sore point, but if we want the product this is what we have to pay. I guess is the conclusion, right? All right. Thank you.

Mr. Mansfield

Thank you very much. Have a good day.

Lisa Fauteux, Director, Division of Public Works

Thank you Bill.

## **VII. SOLID WASTE DEPARTMENT**

Mayor Donchess

Next, we have Solid Waste Item A. Commissioner Moriarty.

**A. Motion: To Approve A Contract With ClearSpan Fabric Structures International Of Glastonbury, CT In The Amount Of \$352,375.00 To Construct A 65' Wide By 220' Long Truss Building To Park The Solid Waste Department's Collection Trucks Under. Pricing Is Through Sourcewell Contract No. 091319-CSS. Funding For This Contract Is Through Department: 168 Solid Waste; Fund: Bond; Activity: SW Equipment Coverage/Storage.**

**Motion by Commissioner Moriarty:** To Approve a Contract with ClearSpan Fabric Structures International of Glastonbury, CT In The Amount Of \$352,375.00 To Construct a 65' Wide By 220' Long Truss Building To Park The Solid Waste Department's Collection Trucks Under. Pricing Is Through Sourcewell Contract No. 091319-CSS. Funding For This Contract Is Through Department: 168 Solid Waste; Fund: Bond; Activity: SW Equipment Coverage/Storage.

Mayor Donchess

Mr. Lafleur?

Jeffrey Lafleur, Superintendent, Solid Waste

Jeff Lafleur, Superintendent of Solid Waste. So this is a building similar to what we did over our recycling area to cover the recycling, but this will be for all of our trucks at the landfill. As you know, we've been trying to do this for a lot of years just to get our vehicle out from underneath any of the weather and the snow, particularly the snow. It's hard for us to clean off the tops of the trucks, especially when we've got to leave in the morning and drive down the roads. There's so many nooks and crannies with hoses and new boxes, and CNG tanks, and they're a nightmare for cleaning off. This building right here we'd be setting it up in an area away from where the new DPW building is proposed to be built. It's also a unit that if we ever want to move it, we can absolutely take it and move it to another part of the property so it will be used for years and years to come.

Mayor Donchess

Questions, comments?

**MOTION CARRIED: Unanimously.**

**B. Motion: To Approve A Change Order To The Contract With Sanborn Head And Associates Inc. To Prepare And Submit A NHDES Type II Permit Modification, Prepare Plans, Specifications And Bid Documents, And Perform Bid-Phase Services For The Construction Of The Phase III, Stage 2 Lined Landfill Expansion In The Amount Not To Exceed \$91,000.00. Funding Through Department 168 Solid Waste; Fund: Bond; Activity: Landfill Expansion Phase III & IV.**

Mayor Donchess

Item B. Commissioner Teas.

**Motion by Commissioner Teas:** To Approve A Change Order to the Contract With Sanborn Head And Associates Inc. To Prepare And Submit A NHDES Type II Permit Modification, Prepare Plans, Specifications And Bid Documents, And Perform Bid-Phase Services For The Construction Of The Phase III, Stage 2 Lined Landfill Expansion In The Amount Not To Exceed \$91,000.00. Funding Through Department 168 Solid Waste; Fund: Bond; Activity: Landfill Expansion Phase III & IV.

Mayor Donchess

Go ahead.

Jeffrey Lafleur, Superintendent, Solid Waste

Jeff Lafleur, superintendent of Solid Waste. We started filling in Phase III. We're actually coming up to an area where now we have to do our Stage 2, which is considered, or it's called a zigzag. It's going to add us another 2 to 3 years of airspace by doing this. This money that we're asking here for is to get this in front of DES. As you know, when we went for Phase III to get that permitted it took us years, a couple of years to get that approved. We need to get this moving fast so that we can get it into their system and hopefully get it approved quickly so I can get that 2 years of airspace that's needed.

Mayor Donchess

Anyone?

**MOTION CARRIED: Unanimously.**

**C. Motion: To Approve A Change Order To The Contract With Sanborn Head And Associates Inc. To Complete The Process Of Permitting The Phase IV Lined Landfill With NHDES, Prepare Construction Plans, Specifications, And Bid Documents, And Perform Bid Phase Services In The Amount Not To Exceed \$210,000.00. Funding Will Be Through Department 168 Solid Waste; Fund: Bond; Activity: Landfill Expansion Phase III & IV.**

Mayor Donchess

Item C. Commissioner Schoneman.

**Motion by Commissioner Schoneman:** To Approve A Change Order To The Contract With Sanborn Head And Associates Inc. To Complete The Process Of Permitting The Phase IV Lined Landfill With NHDES, Prepare Construction Plans, Specifications, And Bid Documents, And Perform 2 Bid Phase Services In The Amount Not To Exceed \$210,000.00. Funding Will Be Through Department 168 Solid Waste; Fund: Bond; Activity: Landfill Expansion Phase III & IV.

Mayor Donchess

Mr. Lafleur.

Jeffrey Lafleur, Superintendent, Solid Waste

Jeff Lafleur, superintendent of Solid Waste. This is the Phase IV permit that we're trying to go for to get this completed. We're anticipating only the \$210,000.00. We've been working on this for over a year now and we're still kind of in the same spot that we were before. Spent a lot of money on this. Again, it's DES that's been being a thorn in our side trying to get this permit approved. Sanborn Head has been working very diligently on this trying to get us moving forward and this is going to be the next part of it. We've had a lot of questions from the first submittal. We're answering them as quick as we can to get this through, but again, this is airspace that will gain us 30 plus years of airspace. We're fighting hard to get it for the City of Nashua.

Mayor Donchess

Any discussion?

**MOTION CARRIED: Unanimously.**

## **VIII. WASTEWATER DEPARTMENT**

### **A. Motion: To Approve the User Warrants as Presented.**

Mayor Donchess

Now we're on to the Wastewater Department. Mr. Boucher. Item A. Commissioner Moriarty.

**Motion by Commissioner Moriarty:** To approve the User Warrants as presented.

Lisa Fauteux, Director, Division of Public Works

May I speak?

Mayor Donchess

Yeah.

Ms. Fauteux

We do not, this is the first time this has ever happened, but we don't have any user warrants to approve this evening.

Mayor Donchess

All right so I'll get rid of Item A and we'll go to Item B.

Commissioner Moriarty

Mr. Boucher can you speak to the reason why--

[Group Laughter]

**B. Motion: To Approve The Contract With Wright-Pierce To Provide Preliminary Design Plans And Specifications For The Dry Well Valve And Pipe Replacement Project In An Amount Not To Exceed \$105,800.00. Funding For This Contract Will Be Through Department: 169 Wastewater; Fund: Wastewater; Activity: WW Plant Dry Well Valve Replacement.**

**Motion by Commissioner Teas:** To Approve The Contract With Wright-Pierce To Provide Preliminary Design Plans And Specifications For The Dry Well Valve And Pipe Replacement Project In An Amount Not To Exceed \$105,800.00. Funding For This Contract Will Be Through Department: 169 Wastewater; Fund: Wastewater; Activity: WW Plant Dry Well Valve Replacement.

David Boucher, Superintendent Wastewater

Thank you. Dave Boucher wastewater superintendent. So this project is to replace all the large piping at the head of our wastewater facility where all the flow from the City comes into our facility and gets pumped up to ground level. The piping is large, 36 inches. We have a lot of valves that need to be replaced. We had a 20 year plan. During that 20 year plan, we had some pipe thickness testing done and it showed some wear on the piping that has been there since the 70s. This is to replace it. This one is for the preliminary work, engineering work for that project. It's important that this get done because we have to bypass the flow while we do this work. Our average flow is around 12M gallons a day. We can take in 50M gallons a day. It's crucial that we find a way to bypass the flow to do this work and it has to be lifted up to ground level through hatches and all that so there is a lot to it. This is the higher rate Pierce to do the work, who was involved in the original 20 year plan, so they've already done some work which lowers this cost. This is kind of Phase 1 of the project.

***Discussion:***

Mayor Donchess

Anybody?

**MOTION CARRIED: Unanimously.**

**C. Motion: To Approve The Purchase Of One Digester Sludge Heat Exchanger (Asset Id: PDSHX) In The Amount Of \$57,000.00 From Alfa Laval Inc. Of Richmond, VA for the Primary Digester. Funding Will Be Through Department: 169 Wastewater; Fund: WERF; Account Classification: 81 Capital Equipment.**

Mayor Donchess

Next, Item C. Commissioner Schoneman.

**Motion by Commissioner Schoneman:** To approve the purchase of one digester sludge heat exchanger (Asset ID: PDSHX) in the amount of \$57,000.00 from Alfa Laval Inc. of Richmond, VA for the primary digester. Funding will be through Department: 169 Wastewater; Fund: WERF; Account Classification: 81 Capital Equipment.

David Boucher, Superintendent Wastewater

Dave Boucher, wastewater superintendent. This is a piece of equipment that has reached its useful life. It's already starting to show wear. We just did a repair to it, but we do have it in our equipment replacement fund to replace it. This is a piece of equipment that heats up the sludge in our 1.3M gallon digester, so it's a crucial piece of equipment. This is an in-kind replacement because everything has to match up, so this is the company. Not too many companies sell this piece of equipment.

***Discussion***

Mayor Donchess

Any discussion?

**MOTION CARRIED: Unanimously.**

**IX. ENGINEERING DEPARTMENT**

**A. Motion: To Approve The Sewer Service Permits And Fees As Submitted.**

Mayor Donchess

Now onto Engineering. Item A. Commissioner Moriarty.

**Motion by Commissioner Moriarty:** To approve the Sewer Service Permits and Fees as submitted.

**MOTION CARRIED: Unanimously.**

**B. Motion: To Approve The Following Pole License Petitions: PSNH No. 21-1551; 21-1600, And 21-1601.**

Mayor Donchess

Item B. Commissioner Teas.

**Motion by Commissioner Teas:** To approve the following Police License Petitions: PSNH No. 21-1551, 21-1600, and 21-1601.

**MOTION CARRIED: Unanimously.**

**C. Informational: Street Opening Permits Issued For Streets in Moratorium.**

Mayor Donchess

Item C is an informational item, which is in the packet. Street Opening Permits issued for streets in moratorium. We're now on to Administration and we have two informational items to be handled by Director Fauteux.

**X. ADMINISTRATION**

**A. Informational.**

**1. AVSG Contract Amendment.**

Lisa Fauteux, Director, Division of Public Works

Yes. First, I just wanted to point out to you that there has been an increase in our CNG and this was approved by the Board of Aldermen. The price has gone from \$2.199 a gallon to \$2.49 a gallon. The total amount is an increase of about \$50,000.00 for the City. Many of the buses also run on CNG. I think that Public Works is about half of this amount, so it's about a \$25,000.00 increase in the cost of CNG. I just wanted to bring that to your attention.

Mayor Donchess

And the Director's Report? Unless anyone has comments or questions about that. If not, we'll do the Director's Report.

## 2. Director's Report.

Lisa Fauteux, Director, Division of Public Works

The first is we want to congratulate Wayne Husband from my engineering department and also Doug Star from wastewater on earning road scholar designations. They were given New Hampshire Road Scholar clocks in recognition of their participation in the program. Congratulations to them.

The 2021 paving program of course is wrapped up for the winter. We did 107 sidewalk ramps that were either installed or reconstructed and Sunshine Paving provided loam and seed to complete the ADA ramp on Northeastern Boulevard. The final paving of Harris Road at the intersection of East Dunstable was completed on November 17.

As part of the 2021 sewer replacement contract SUR West replaced a portion of the 8 inch 1892 sewer and installed a manhole on East Pearl Street. The Main Street intersection on November 15. That's some of our sewers in the inner-city date back to the 1800s. They're really old. SUR West replaced the 1876 sewer and associated structures on East Hollis Street near the Main Street intersection. Nighttime construction was required due to the heavy traffic volumes. Another sewer repair to a 1940 clay sewer that crosses the Nashua Country Club property at 25 Fairway Street. The pipe was damaged by the installation of a guidewire to support police. So that was fixed.

We did remove a tree that actually, Commissioner Pappas had asked us to remove a while ago and that was finally removed. It's near Navajo Park. It was in danger of coming down. The resident was very pleased with that.

We had Santa in the Park which was another wonderful event on Saturday, December 5. We had about 400 participants between 12:00 and 2:00 at Greeley Park in the bandshell. We had to social distance, and I know Commissioner Schoneman and her family participated, thank you for that.

I have some sad news to report. Joe Anderson who is our fleet foreman passed unexpectedly on December 6 and we miss him greatly. Joe worked for AFSCME as a mechanic for many years. He was the AFSCME president and I'll go out on a limb saying this, I think he probably was the best AFSCME president that I've worked with, he just did a tremendous job. I really enjoyed working with him. He did a great job as our fleet foreman. In anticipation that Joe Stewart our fleet manager is going to be retiring, he was looking forward to applying for that position. We're very saddened by the loss of Joe and our condolences go out to his wife Cece and his daughter, Megan.

Crews repaired a failing double catch basin on Jensen Street.

We demolished the old fire training ground at the landfill. Many of you probably know the fire department built a brand new training ground. This was condemned so we took it down for them.

We installed a new tip down as part of a new flashing crosswalk sign installation at the corner of Eastman and East Dunstable Road.

We did a shim patch on a low area behind the new school on Franklin Street to eliminate some standing water and potential ice issues this winter.

This is Mechanics, we don't highlight often enough, are pictured here they're repairing a solid waste truck.

We are working right now on expanding the gas collection system. We have installed seven horizontal collectors, five leachate cleanouts, and 1,200 feet of main header line for gas.

The Solid Waste Department would like to remind everyone that gift boxes and corrugated cardboard boxes may be flattened and recycled. Also, do not put, wrapping paper should be put in the trash, used wrapping paper should be put in the trash, and also any of the packing peanuts. Those cannot be recycled. Those should also be put in the trash just as a reminder. Our Christmas tree collection will be picked up curbside between Monday January 3 through Friday, January 14. They should be placed curbside not on snow banks, not buried in snow banks, please, or frozen to the ground and all lights, tinsel, stand, ornament, all of that needs to be removed. So just make sure it's readily accessible for us. The excess holiday trash will be picked up during the week after Christmas. The extra trash pickup will run from Monday, December 17 through Friday, December 31. Please just place extra bag curbside. Again, not on any snow banks and at least 3 feet from your trash barrel. This is really important, and please help us get the word out that the Four Hills Landfill and Nashua Recycling Center will be open on Friday, December 24, Christmas Eve, but the offices will be closed. So the recycling center will open we'll be picking up trash on Christmas Eve, but our offices will be closed. All curbside collection will be our normal schedule that week. We will be closed, however, on Saturday, December 25 for Christmas day. The same thing will happen on New Years. We'll be open on Friday, December 31, New Years Eve, but we will be closed on Saturday, January 1 for New Year's Day, and all curbside collection will be again our normal schedule that week.

***Discussion:***

Mayor Donchess

All right. Questions, comments? I do have a question, maybe for either Director Fauteux or Mr. Boucher, which is, you mentioned the packing peanuts. We now have the ones that dissolve in water. Is it better to dissolve those and have them run them through the treatment plant, or is it better just to throw them in garbage?

Ms. Fauteux

I can answer that, throw them in the garbage, please.

Mr. Boucher

I'd say throw them in the garbage --

Ms. Fauteux

-- yes, don't put anything

Mr. Boucher

-- most of them are cellulose now yeah, so they will dissolve to almost nothing, but better in the trash than in the wastewater.

Ms. Fauteux

Yes. Don't put anything in wastewater except the obvious.

Mayor Donchess

All right, good. I've been arguing with my wife over that one so I thought I'd ask that. Hope she's not listening.

*[Laughter]*

## **XI. COMMISSIONER'S COMMENTS**

Mayor Donchess

Commissioner's Comments, we didn't, did we get to that? Did I call that?

Lisa Fauteux, Director, Division of Public Works

No.

Mayor Donchess

Commissioner's Comments. Commissioner Teas.

Commissioner Teas

This is my last meeting as an elected official for the City of Nashua as a commissioner it's been just a wonderful experience. I want to thank everybody that helped me from day one through today. It's obvious there are many different opinions and thoughts, but there's lots of passion for our community. I think we've got a great team, both at the commissioner level as well as Lisa and superintendents and look forward to the next phase. I might not be here physically, but I'll be watching and certainly look forward to going into that new building once it's up and running.

Thanks for making me feel welcome and best wishes to Commissioners Lemen and Shea, and also congratulations to Commissioner Pappas who I think was a 12 year commitment, is that right?

Ms. Fauteux

No, a 14.

Commissioner Teas

Fourteen-year commitment, which is just outstanding. I wish her well as well. Thank you.

Mayor Donchess

All right, while I'm on those lines, thank you for your service, and Commissioner Pappas. Unfortunately, she could not be here today, but we have, and it's been of course a pleasure to work with you, Frank. You did a great job. We have a plaque for you to go along with your badge, and a jacket. You can put your badge right on there--

Commissioner Teas

--cool, thank you!

Mayor Donchess

It'll really be quite exciting. So the plaque says presented to Commissioner G. Frank Teas, Board of Public Works 2018 to 2021. In recognition and appreciation of your leadership, dedication to the City of Nashua, to the Public Works Division, and to its staff for constantly championing the Division and the infrastructure improvements in Nashua. This is presented on today on behalf of the Board of Public Works members and we've got all the other members names on here, and we have one of these for Commissioner Pappas well, which we will, and a jacket or vest, and we will deliver that to her, but I will give you these now.

[*Applause*]

Commissioner Teas

You don't know how cool this is! Thank you, very nice!

Ms. Fauteux

You're welcome. It occurred to me that Commissioner Moriarty and Schoneman may also like a vest, if you'd like one, I'll bring one next meeting.

Mayor Donchess

All right, they want a picture.

Commissioner Teas

Oh, okay. Thank you very much!

Mayor Donchess

All right. Any other Commissioner's Comments? All right, no one else? All right, now there's a few other items we do need to do before we close the meeting, which are the personnel items. Item A. Commissioner Schoneman.

## **XII. PERSONNEL**

### **A. Motion: To Accept The Retirement Of Edward Mazur, Groundsmen 1, Effective November 30, 2021.**

**Motion by Commissioner Schoneman:** To approve the retirement of Edward Mazur, Groundsmen 1, effective November 30, 2021

Mayor Donchess

Any discussion?

**MOTION CARRIED: Unanimously.**

### **B. Motion: To Accept The Retirement Of Richard Dion, Truck Driver, Street Repair, Effective December 17, 2021.**

Mayor Donchess

Item B. Commissioner Moriarty.

**Motion by Commissioner Moriarty:** To Accept the Retirement of Paul Westaway, Equipment Operator, Street Repair, Effective December 31, 2021.

Mayor Donchess

Any discussion?

**MOTION CARRIED: Unanimously.**

**C. Motion: To Accept The Retirement Of Richard Dion, Truck Driver, Street Repair, Effective December 17, 2021.**

Mayor Donchess

Item C. Commissioner Teas.

**Motion by Commissioner Teas:** To Accept the Retirement of Richard Dion, Truck Driver, Street Repair, Effective December 17, 2021.

Mayor Donchess

Discussion?

**MOTION CARRIED: Unanimously.**

**D. Motion: To Accept The Resignation Of Scott Law, Wastewater Foreman, Effective December 13, 2021.**

Mayor Donchess

Item D. Commissioner Schoneman.

**Motion to Commissioner Schoneman:** To Accept the Resignation of Scott Law, Wastewater Foreman, Effective December 13, 2021.

**MOTION CARRIED: Unanimously.**

Mayor Donchess

Item E. Commissioner Moriarty.

**Motion by Commissioner Moriarty:** To Approve and Unseal the Non-Public Minutes for Personnel From the Board of Public Works Meeting of November 18, 2021.

**MOTION CARRIED: Unanimously.**

**XIII. ADJOURNMENT**

Mayor Donchess

That seems to have included the business and I will call upon Commissioner Teas to have the final word of the session of 2020 to 2022.

Commissioner Teas

I have three words, move to adjourn.

[*Group Laughter*]

**MOTION CARRIED: Unanimously.**

Mayor Donchess

The meeting of the Board of Public Work is adjourned at 4:36 p.m.

DRAFT



# THE CITY OF NASHUA

"The Gate City"

*Division of Public Works*

*Solid Waste Department*

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## **Board of Public Works Meeting of January 20, 2022 Solid Waste Department**

### **Agenda**

- A. Motion:** To approve Change Order #1 to the contract with Chemserve Environmental Analysts of Milford, NH for water quality testing services at Nashua landfill sites for the Solid Waste Department in the amount of \$40,795. Funding will be through: Department: 168 Solid Waste; Fund: Solid Waste; Account Classification: 53 Professional and Technical Services.
- B. Motion:** To make a recommendation to the Board of Alderman to increase the charge of Construction and Demolition from \$90/ton to \$300/ton.

# City of Nashua, Public Works Division

To: Board of Public Works Meeting Date: January 20, 2022

From: Jeff Lafleur, Superintendent  
Solid Waste Department

**RE:** Approval of Change Order #1 a contract with Chemserve Environmental Analysts to provide water quality testing services at Nashua landfill sites.

**Attachments:** Breakdown of the additional groundwater sampling and analysis costs and Chemserve's rates for these services.

**Motion A:** To approve Change Order #1 to the contract with Chemserve Environmental Analysts of Milford, NH for water quality testing services at Nashua landfill sites for the Solid Waste Department in the amount of \$40,795. Funding will be through: Department: 168 Solid Waste; Fund: Solid Waste; Account Classification: 53 Professional and Technical Services.

**Discussion:** The Solid Waste Department entered into a three year contract with Chemserve starting at the beginning of FY22 to conduct water quality testing services at the City of Nashua's landfill sites.

Following the execution of the contract the New Hampshire Department of Environmental Services (NHDES) requested expanded groundwater sampling and the initiation of soil and sediment sampling at the Four Hills Landfill in September of 2021. This has included sampling at 3 additional monitoring wells and has also included analysis for PFAS. NHDES has also required monthly testing until further notice.

The additional NHDES requirements sampling and testing has gone well beyond the original scope of the contract with Chemserve and has cost far more than originally expected.

The Solid Waste Superintendent and the Environmental Engineer recommend approving Change Order #1 in the amount of \$40,795.00 to the contract for these additional required water quality testing services.

**Cost Overage / Change Order FY 2022**  
**ChemServe Environmental Analysts**  
**RFP0931-041321**  
**PO #165137**

PO #165137 was issued to ChemServe for groundwater sampling and laboratory analytical costs at the City's Four Hills Landfill, Old Nashua Landfill, Shady Lane Landfill, and Rousell Park Landfill in FY 2022 through FY 2024. PO #165137 approved \$42,339 for FY 2022, based upon known monitoring requirements as of April 2021.

Following issuance of the PO, in August 2021 NHDES requested expanded groundwater sampling, and the initiation of soil and sediment sampling in the southern area of the Four Hills Landfill, with time-critical deadlines. The City used ChemServe for the time-critical sampling and analytical services using unit rates approved in PO #165137. The expanded sampling continued per NHDES request in September, October, November, and December 2021 and included monitoring of three additional monitoring wells (including analysis for PFAS), sampling of surface water in stormwater retention ponds, and collection and analysis of 20 plus soil and sediment samples to comply with the NHDES requests.

Per current NHDES requests, monthly assessment monitoring is required to continue, so a January 2022 sampling event will be needed, and an already planned for February 2022 sampling event will need to be expanded. The City's consultant, Sanborn Head & Associates, believes following the February 2022 sampling event, that the monthly sampling requirement can be revised to quarterly. However, should the NHDES not approve the recommendation to reduce the monitoring from monthly to quarterly, it would be prudent to plan for completion of assessment monitoring in March, May, and June 2022 (and costs to expand the already required/budgeted April 2022 GMP event should also be included).

**2022 Cost Overage Summary and Change Order Projection**

\$42,339	FY 2022 approved (PO #165137).
<u>(\$54,268)</u>	Costs invoiced for <u>planned and unforeseen</u> groundwater sampling through Nov 2021
= \$11,929	Additional costs invoiced to date for soil and sediment sampling, and expanded groundwater monitoring through November 2022 (not included in PO).
+ \$2,585*	December 2021 Assessment Monitoring (invoice pending*)
+ \$4,528*	January 2022 Assessment Monitoring
+ \$3,641*	February 2022 Assessment Monitoring (\$4,528 less \$887 already in PO)
+ \$4,528*	March 2022 Assessment Monitoring
+ \$4,528*	Expand April 2022 GMP Monitoring Event
+ \$4,528*	May 2022 Assessment Monitoring
+ \$4,528*	June 2022 Assessment Monitoring

**\$40,795 = Change Order Amount for PO# 165137, ChemServe FY 2022**

*\*see attached draft invoice for December 2021 sampling and email from ChemServe with cost summary for February through June 2022 monthly assessment monitoring events.*

2022 Change Order/Assessment Monitoring: January, February, April (expand GMP Event), and March, * May, * and June* (* as needed)												
	Filter	bromide, nitrate, chloride	TKN	sulfate	18 metals	COD	metal prep	1,4-Dioxane Low Level	VOC's 8260 NHDES Full List	PFAS (Isotope Dil)	Sampling Labor	
MW-111S	1	1	1	1	1	1	1	1	1	1		
MW-111R		1	1	1	1	1	1	1	1	1		
MW-112	1	1	1	1	1	1	1	1	1	1		
Detention Pond #6		1	1	1	1	1	1	1	1	1		
Pond Discharge		1	1	1	1	1	1	1	1	1		
MW-106SR		1							1			
MW-107R		1							1			
trip / field blank								1	1			
<b># of Samples</b>	2	7	5	5	5	5	5	6	8	6		
	\$15.00	\$31.50	\$19.00	\$8.25	\$112.79	\$16.50	\$25.00	\$45.00	\$50.00	\$250.00		
	\$30.00	\$220.50	\$95.00	\$41.25	\$563.95	\$82.50	\$125.00	\$270.00	\$400.00	\$1,500.00	\$1,200.00	Per event \$4,528.20

## City of Nashua, Public Works Division

To: Board of Public Works

Meeting Date: January 20, 2022

From: Jeff Lafleur, Superintendent  
Solid Waste Department

RE: Recommendation to increase the charge of Construction and Demolition from \$90 per ton to \$300 per ton

**B. Motion:** To make a recommendation to the Board of Alderman to increase the charge of Construction and Demolition from \$90/ton to \$300/ton.

**Discussion:** The Solid Waste Department has been accepting Construction and Demolition (C&D) at the price of \$90 per ton for 15+ years. As seen in the chart below more and more C&D is being brought into our landfill every year and contributing to the loss of airspace. Studies show that C&D takes up 20% more airspace than MSW or Municipal Solid Waste. Currently the Four Hills Landfill has approximately 7 years of airspace left until the Department of Environmental Services approves the Phase IV landfill permit and the second stage of Phase III. By raising the cost of C&D to \$300 per ton it is the hope that the hauling of C&D will go to other facilities which are in close proximity to the City of Nashua. There are facilities within 50 miles of Nashua. The two facilities I contacted have a tipping fee of \$185 per ton and recycles the materials brought in. C&D is a big problem not only in the Northeast but nationwide. The Solid Waste Department has revoked 39 permits in the past few months and more than 20 of them were from contractors bringing in materials from out of town and out of NH. The state of Massachusetts put a ban on landfilling C&D years ago because of landfill airspace filling quickly contributing to the uptick in contractors trying to sneak materials in to our landfill, being so close to Massachusetts.

Construction and Demolition Fy19-Fy21			
Year	Fy19	FY20	FY21
Commercial	8,803 tons	11,171 tons	13,581 tons
Residential	1,467 tons	1,994 tons	1,898 tons
Total per year	8,949 tons	13165 tons	15,479 tons



**Board of Public Works Meeting of January 20, 2022  
Engineering Department**

**Agenda**

- A. Motion:** To approve the Sewer Service Permits and Fees as submitted.
- B. Motion:** To approve the award of a contract for Interpretive Historic Signs to Preservation Company of Kensington, NH in an amount not to exceed \$35,731. Funding will be through Department: 160 Admin/Engineering; Fund: Bond; Activity: Broad Street Parkway.
- C. Motion:** To approve a Drainlayer's License for J Pandelena & Son Construction of Raymond, NH in accordance with Nashua City Code §255-19 Issuance of Drainlayer's License and authorize the Division of Public Works to temporarily suspend the license if work is found to be unsatisfactory during an initial 6-month probationary period.
- D. Motion:** Street Opening Permits issued for Streets in Moratorium

## City of Nashua, Public Works Division

To: Board of Public Works

Meeting Date: January 20, 2022

From: Daniel Hudson, P.E., City Engineer  
Engineering Department

Re: Sewer Service Permits

**A. Motion:** To approve the Sewer Service Permits and Fees as submitted.

**Discussion:** Below is a list of Sewer Service Permits issued for the period December 1 to December 31, 2021.

Date	Permit No	Location Address	Resident Name/ Company Name	Comments (Residential or Commercial)	Fees	Repair	Entrance	Connection	Betterment
12/17/2021	24157	44 High St Lot: 79-54 Acct:52544	Nashua Apartment Ventures, LLC	Residential & Commercial / Entrance	\$46,025.00		X		
12/22/2021	24158	147 Daniel Webster Hwy Lot: A-745 Acct:42854	Tulley Automotive Group, Inc.	Commercial/Increase Use - Connect to Existing service	\$0.00 (1)		X		
12/28/2021	24159	7-7.5 Harvard St Lot:27-66 Acct:17804	Fun Properties, LLC	Commercial / Replacement	\$0.00 (2)		X		
12/30/2021	24160	27 Lafrance Ave Lot:48-233 Acct:31006	Michael & Maria Gagnon	Residential / New Connection	\$895.00	X			
<b>TOTAL</b>					<b>\$46,920.00</b>				

Notes:

1. The increase in flow for this commercial property did not exceed the fee schedule range, therefore no additional fee charged.
2. Commercial property owner hired private contractor to repair connection. No previous permit on record.



# THE CITY OF NASHUA

*Division of Public Works*

*Administration Department*

*"The Gate City"*

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**To:** Board of Public Works **Date:** January 20, 2022

**From:** Daniel Hudson, P.E., City Engineer  
Engineering Department

**RE:** Contract – Veterans’ Memorial Parkway (Formerly Broad Street Parkway)  
Interpretive Historic Sign Contract

**B. Motion:** To approve the award of a contract for Interpretive Historic Signs to Preservation Company of Kensington, NH in an amount not to exceed \$35,731. Funding will be through Department: 160 Admin/Engineering; Fund: Bond; Activity: Broad Street Parkway.

**Discussion:** In order to gain approval to use federal funds for the Broad Street Parkway project, the City committed to installing two interpretive signs. With installation of these signs, the program for mitigating project impacts to historic resources will be complete. One sign will be installed adjacent the canal and the other will be installed within Park Social at Labine.

During the project, the City contracted with Richard Casella of the Historic Documentation Company to perform most of the other historic resource mitigation tasks. Mr. Casella’s firm has downsized and no longer provides services related to similar interpretive signs. Mr. Casella strongly recommended that the City contract with The Preservation Company for this specialty task.

Lynne Monroe of the Preservation Company has a strong reputation within the industry for similar work and is well known to the New Hampshire Department of Historic Resources (NHDHR) as well as the New Hampshire Department of Transportation (NHDOT). Her expertise and strong working relationships will be important in successfully completing this work.

Ms. Monroe and her staff will work with the City, NHDHR and NHDOT to develop the design of the signs and gain concurrence with reviewing authorities. She will work with an experienced vender to have the sign fabricated and installed.

## City of Nashua, Public Works Division

To: Board of Public Works Meeting Date: January 20, 2022

From: Daniel Hudson, P.E., City Engineer  
Engineering Department

Re: Drainlayer's License Application  
J Pandelena & Son Construction

**C. Motion:** To approve a Drainlayer's License for J Pandelena & Son Construction of Raymond, NH in accordance with Nashua City Code §255-19 Issuance of Drainlayer's License and authorize the Division of Public Works to temporarily suspend the license if work is found to be unsatisfactory during an initial 6-month probationary period.

**Discussion:** J Pandelena is requesting approval for a Drainlayer's License in accordance with Nashua City Code § 255-19, Issuance of Drainlayer's License. Three building contractors listed as references were contacted by phone and confirmed that Pandelena has successfully completed numerous development projects with utility service installations.

The Engineering Department finds that the application package and references for J Pandelena are satisfactory. However, the applicant has limited experience installing sewer pipe in City streets, therefore the Engineering Department recommends approval of a license with the stipulation that the Division of Public Works can temporarily suspend the license if work is found to be unsatisfactory during an initial 6-month probationary period.

## City of Nashua, Public Works Division

To: Board of Public Works

Meeting Date: January 20, 2022

From: Daniel Hudson, P.E., City Engineer  
Engineering Department

**D. Informational:** Street Opening Permits issued for Streets in Moratorium

**Discussion:** Below is a list of Street Opening Permits issued for streets in moratorium for the period December 1 to December 31, 2021.

<b>Date Approved</b>	<b>Permit No.</b>	<b>Excavation Location</b>	<b>Last Paved</b>	<b>Company Name</b>	<b>Type of Work</b>
12/28/2021	21-716	7-7.5 Harvard St	2020	Crisp Contracting, LLC	Emergency Sewer Service Repair



# THE CITY OF NASHUA

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"The Gate City"

*Division of Public Works*

*Wastewater Department*

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## **Board of Public Works Meeting of January 20, 2022 Wastewater Department**

### **Agenda**

**A. Motion:** To approve the User Warrants as presented.



# THE CITY OF NASHUA

*Division of Public Works*

*Administration Department*

*"The Gate City"*

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## **Board of Public Works Meeting of January 20, 2022 Administration**

### **Agenda**

- A. Motion:** To approve the proposed 2022 regular meeting dates for the Board of Public Works.
- B. Motion:** Vote for Vice-Chair to the Board
- C. Motion:** Chair's appointment to the BPW Pension Board
- D. Motion:** Chair's appointment to the Strategic Planning Committee
- E. Informational:** Director's Report

## City of Nashua, Public Works Division

**To:** Board of Public Works Meeting Date: January 20, 2022

**From:** Lisa Fauteux, Director Public Works  
Administration

**Re:** 2022 BPW Regular Meeting Schedule

**A. Motion:** To approve the proposed 2022 regular meeting dates for the Board of Public Works.

**Discussion:**

Proposed 2022 meeting dates are as follows:

All are the 4<sup>th</sup> Thursday of the month except where noted.

February 24, 2022

March 24, 2022

April 28, 2022

May 26, 2022

June 23, 2022

July 28, 2022

August 25, 2022

September 22, 2022

October 27, 2022

November 17, 2022 \*3rd Thursday

December 15, 2022 \*3rd Thursday



# THE CITY OF NASHUA

*Division of Public Works*

*Administration Department*

*"The Gate City"*

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## **Board of Public Works Meeting of January 20, 2022 Personnel**

### **Agenda**

- A. Motion:** To accept the resignation of Alicia Fogle, Groundsman 1 effective January 7, 2022.
- B. Non-Public Session -** Pursuant to RSA 91-A:3, II(b) The hiring of any person as a public employee

## City of Nashua, Public Works Division

To: Board of Public Works Meeting Date: January 20, 2022

From: Lisa Fauteux, Division Director

Re: Alicia Fogle Resignation

**A. Motion:** To accept the resignation of Alicia Fogle, Groundsman 1 effective January 7, 2022.

**Attachments:** Resignation and acknowledgement letters

**Discussion:** On January 3<sup>rd</sup>, 2022, Alicia Fogle handed in her letter of resignation. Ms. Fogle has worked for the City since April 12, 2021 and has been an excellent contributor to the City.

We wish her the best of luck in her future endeavors.

Resignation Letter

12/27/21

Dear Matt Leblanc and Nashua Parks & Rec Dept.,

I am writing to inform you of my resignation from Groundsman I at the City of Nashua Parks & Rec Dept., effective two weeks from today, 12/27/21.

Thank you for the opportunity to work within the City of Nashua.

Please let me know how I can be of assistance during the transition period. I wish the department the very best going forward.

Sincerely,

Alicia Fogle

A handwritten signature in cursive script, appearing to read 'Alicia Fogle', written in black ink.



# THE CITY OF NASHUA

*Division of Public Works  
Administration*

*"The Gate City"*

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January 7, 2022

Ms. Alicia Fogle

Milford, NH 03055

Dear Alicia,

I have received your letter and accept your retirement effective January 7, 2021. Thank you for your service to the City and I wish you well as you begin the next chapter in your life.

Best regards,

City of Nashua

A handwritten signature in black ink, appearing to read "A. Patrician".

Andy Patrician

Assistant Director of Public Works

# Board of Public Works Meeting of January 20, 2022

## Department Report

### Engineering Department

- **2021 Sewer Replacement.** SUR Construction West has completed work for the season. In 2021, 2,347 feet of sewer pipe, 15 manholes, and eight catch basins were installed and 35 point repairs were completed. The crew will return in the spring to complete minor punch list items.
- **2021 Sewer Rehabilitation (Lining).** Green Mountain Pipeline Services is continuing CCTV inspections of sewer pipes as part of a project including pipe cleaning, video inspection and lining of sewer pipes. They have also begun pipe lining at several locations.
- **Capacity, Management, Operation and Maintenance (CMOM) Phase 2.** Engineering consultant Hazen and Sawyer has been contracted to continue the condition assessment of the wastewater and drainage collection systems. A kickoff meeting was held on January 5, 2022.
- **Siphon Rehabilitation - Design.** CCTV inspection identified deficiencies in many barrels of the inverted siphons that include cracks, erosion of cement lining, corrosion, holes, and exposed rebar. The design for lining of these underwater sewer pipes is 90 percent complete.
- **MS4 Stormwater Permit.** A Stormwater Coalition meeting was held January 13, 2022.
- **Streamgage on the Merrimack River.** An agreement with U.S. Geological Survey (USGS) has resulted in a replacement streamgage being installed on the Taylor Falls Bridge to provide river elevation via National Weather Service and USGS websites. This information is critical to managing the City's levee system.
- **2021 Paving Program Arterial, Collector, and Residential Roadways.** Sunshine Paving has completed 97 streets this year. Work has concluded for the season and the remaining streets will be completed in 2022.
- **2022 Paving Program.** The 2022 paving contract is scheduled to advertise for bids in January 2022. The contract consists of resurfacing around 14 miles of residential roadways throughout Nashua. In addition to resurfacing work, the contract will focus on ADA compliance as well as infrastructure improvements.
- **FHWA – EDC-5 Grant.** Nashua was selected as a sub-recipient of an AID Demonstration grant for the implementation of the Safe Transportation for Every Pedestrian (STEP) Program Implementation Project. The project will focus on pedestrian safety and connectivity in the greater downtown area. The Local Project Agreement with NHDOT has been approved and project design will commence in 2022.
- **Veterans and Taylor Falls Bridges Rehabilitation.** Construction documents prepared by engineering firm DuBois & King detailing planned bridge repairs are in the process of final review. This project is being completed jointly with the Town of Hudson, with planned rehabilitation of one bridge in 2022 and the other in 2023.
- **Canal Street Bridge Repairs.** Engineering is working with consultant Fuss and O'Neill to complete wetland permitting and final a construction bid package for repairs to the concrete substructure and minor repairs on the bridge barrier.
- **Main Street Base Plan.** Engineering is completing historic research, field review, and utilities coordination in an effort to develop a comprehensive base plan to support future projects on the Main Street corridor. CCTV inspections of the 1869 brick sewers are being reviewed. The 1860 granite block culvert has been located in places on the east side of the Main Street.

- **West Pearl Street Base Plan.** Engineering provided an existing conditions base plan to support architectural design/streetscaping of West Pearl Street as part of an Economic Development project.
- **Factory Street Complete Street Plan.** Engineering is developing a complete street plan with ADA compliant sidewalks, new curb, and improved road drainage. This project is planned for 2022 construction season.
- **Sidewalk Program.** Engineering is developing contract plans and specifications for ADA Improvements at street corner landings on Harris Road and Summer Street. This work is planned to be in advance of paving under the Paving Program.
- **Nashua Levee.** Engineering sent comments to the USACE on their November 2021 Draft Periodic Inspection report of the levee system. The draft report identifies several deficiencies to be addressed.
- **Atherton Ave Park (Soccer Fields Project).** Engineering has modified the parking lot design to supplement the design of two small soccer fields. This work will replace existing baseball and softball fields.
- **Private Development.** Reviews include newly submitted or resubmitted plans for: 1086 West Hollis St Applewood Estates (Braeburn Dr) Site Plan Amendment, 496 and 500 Main Dunstable Rd Subdivision, 8 Blackstone Dr Site Plan, 132 Bowers St Residential Plan, 19 Roby St Residential Plan, 413 South Main St Residential Plan, 3 & 9 Fifth St Subdivision, 303 Main Street Change of Use Plan, 131 West Glenwood Site Plan Amendment, 11 Northwest Blvd Site Plan Amendment, 136 East Hollis Street Change of Use Plan, 76 & 80 Ridge Rd Lot Line Relocation and 546 Amherst St Site Plan.
- **Survey Work.** Recent survey work includes: survey of Robinson Rd for a drainage issue; survey of Walnut St at Factory St for drainage design; survey sewer and catch basins for the Main St Paving Project; survey and stake out the property line between the City of Nashua and an abutter at Roby Park for the Rotary West Disc Golf Park; survey the Heritage Rail Trail at Beech St, Walnut St, Chestnut St, Vine St, and Ash St for crosswalk visibility enhancements; and survey of Mechanic St, Canal St, Factory St, Water St, West Pearl St, and Walnut St for crosswalk visibility enhancements.
- **Sewer Service Backups.** The following locations reported sewer backups and investigations and/or assistance was provided: 24 Lafrance Ave, 27 Lafrance Ave, 34 Woodland Dr, 41 Alder Dr, 18 Masefield Rd, 402 Main St and 7 Harvard St.
- **Street Opening Permits.** Engineering issued a total of ten Street Opening Permits during December 2021. With winter weather approaching, requests for permits will be reviewed and approved only for emergencies and when DPW deems it to be in the City's best interest.
- **Encumbrance Permits.** Engineering issued a total of five Encumbrance Permits during December 2021.
- **Sewer Permits.** Engineering issued a total of four Sewer Permits during December 2021.

### **Parks & Recreation Department**

- **Ice Skating.** Winter skating has started at Roby Park and are working on establishing ice at the other 2 rinks.
- **Holiday Decorations.** Downtown holiday decorations are starting to be taken down.
- **Tree Removal.** We have started our winter tree removal list and will continue throughout the winter weather permitting.

- **Winter Operations.** Snow and ice control is ongoing. We have already had a few challenging freezing rain events.
- **Stadium Winterization.** Winter interior and maintenance work at Holman and Stellos Stadium has begun.
- **Summerfun.** We have started book concerts and events for Summerfun for 2022 and we are starting to plan our summer camps.
- **Biddy Basketball.** Biddy Basketball is still running and will continue into March.

### **Wastewater Department**

- **Operations:** The Operations department continues daily operations of the facility as well as monthly inspections and checks maintaining proper operation of the facility. Operators worked on clearing floor drains in the process and grit buildings. They shut down and locked and cleaned out the Bar Rack and Wash Press for the Mechanics to work on. Two rain events were successfully operated.
- **Maintenance:** Maintenance has continued preventative maintenance at the Treatment plant and the 13 outlying Pump stations. Maintenance removed and replaced the screw in one of our wash presses due to a broken brush on the screw. A Screw press feed pump was taken out of service and we began tearing it down to repair. The electricians began removing solenoids from an old seal water header. We replaced the fan and motor on a chiller unit for a VFD. Electricians have continued on replacing and updating the lighting around the facility.
- **Collections:** The collection crews have completed all monthly checks of our CSO's and siphon stations, as well as assisting Maintenance in pump station inspections. The collection crews responded to sewer back-ups on Van Buren, Masefield, and other streets. We began removing a beaver damn built in front of the large culvert on Ridge Rd. The Technicians continue to CCTV sewer and drain lines throughout the city for Engineering, Wastewater and other departments
- **Laboratory:** The Laboratory continues daily analyses for permit compliance and process control. The monthly QC checks for December have been completed; results are acceptable and on file. The Quarterly QC checks have been completed and the result are on file. The semiannual ERA proficiency testing analysis for 2021 is complete and data has been reported. The Analytical Chemist passed all ERA proficiency testing. The laboratory had QUALCAL calibrate laboratory equipment and instruments on December 17, 2021. Health and Safety Unlimited conducted an annual fume hood inspection on December 7, 2021. The lab finished updating logbooks and bench sheets for the upcoming 2022 year. The QC logbook for 2022 has been updated. The new Control Limits are being generated for 2022.
- **Energy Recovery Upgrades:** The generator was recently shut down for 2 weeks due to a problem with pressure regulator on the skid. The contractor was informed and has ordered a repair kit for the PRV valve, which has not arrived yet due to the holidays and shipping delays. The contractor's technician was able to swap the PRV on the natural gas line, which is not being used, with the PRV on the digester gas line. The generator started up as normal after the PRV swap, and there has no issues since. We are working with the contractor to have the PRV on biogas repaired. We will resume working on a design to have the natural gas line blend with the biogas line, once the PRV is repaired. An extended maintenance contract with Milton CAT to maintain the generators for the first year is being evaluated.

- **Phase II Pump Station Upgrades:** The project was recently awarded to the lowest bidder, DeFelice Corporation. The project is in the submittal (equipment) review stage but the contractor is also getting ready to mobilize to start work on the new pump station building at Blackstone.
- **Door Upgrades Project 2021:** Dube's General Contracting has satisfactorily completed all the work that was specified in first door repair bid. They have expressed interest on working on other doors that need repair at the plant. A list of other doors with repairs needed is being prepared so that pricing for these door repairs can be determined.
- **Primary and Secondary Digester Coating:** This project is recoating both the primary and secondary digesters. The bid opening date was extended from January 6<sup>th</sup> to January 24<sup>th</sup> to address several comments from contractors prior to submitting their bids.
- **Dry Well Piping and Valve Replacement:** Wright Pierce has been selected for the design phase of this project involving replacement of valves and piping in the dry well and some gates in the wet well of the headwork's of the plant. Board approvals are being obtained and Wright Pierce is ready to start work once approvals are obtained.

### **Street Department**

- **Street Department completed tasks**
  - 1 catch basin repairs.
  - 5 mailbox repair
  - 23 pothole repairs
  - 1 emergency sewer repair
- **Winter weather events**
  - 4 ice events
  - Snow event 1/07- 5 inches
- **Asphalt Repairs**
  - Street department crews continue to fill pot holes city wide as the weather permits.
- **Traffic**
  - 7 traffic signal problems were responded to and fixed.
  - Numerous electrical issues involving street lights have been addressed.
  - Several street signs were replaced.
- **Fleet**
  - Preventative maintenance and repair of the fleet is ongoing daily.
  - Solid Waste equipment and vehicles are repaired daily.
  - Streets equipment is repaired and serviced as needed daily.
  - Spreaders and Brine application equipment are being repaired.
  - Hydraulic systems leaks are being repaired.
  - Lights and wiring problems are being replaced and repaired where needed.
- **Weld shop**

- Chris is fabricating a stand for truck tailgates when they're removed for spreader installs.
- Plows are being checked and weld repairs done as necessary.
- Spreader legs for 10 wheel truck 15-114 are being fabricated/replaced due to rot.

## **Solid Waste Department**

- **Solid Waste Department:**
  - Work on the landfill gas collection system expansion was completed.
  - The new front loader was delivered.
- **Recyclables Shipped in December 2022:**
  - 407 tons of single stream recycled materials.
  - 23 tons of E-waste.
  - 135 tons of scrap metal.
  - 5 tons textiles and books.
  - 900 gallons of used motor oil.
  - 173 appliances evacuated of CFC's.
  - 2 boxes rechargeable batteries.
  - The charge for single stream recycling for November is \$21.76/ ton.
- **Recycling Bins & Carts:**
  - 65 Recycling carts were sold in December.
  - 6 Recycling bins were given to 3 residents.
  - 15 Trash carts distributed or replaced.
  - 29 Trash carts repaired.
- **Permits Sold for 2022:**
  - 2943 Residential Permits.
  - 112 Commercial Permits.
- **Curbside Collection:**
  - 1967 tons of MSW.
  - 390 tons of Recycling.