

TOWN OF SEABROOK

SELECTMEN'S MEETING

APRIL 15, 2019

Present: Aboul B. Khan  
Theresa A. Kyle  
Ella M. Brown  
William Manzi

10:00AM

Mr. Khan opened the meeting at 10:00AM.

**MONTHLY MEETING - SEWER SUPERINTENDENT**

Curtis Slayton was present for his monthly report (see attached). Mr. Manzi said Curtis Slayton is acting superintendent as Mr. Maltais intends to retire. Mr. Slayton thanked the board and town manager for their confidence in him. Mrs. Kyle said he has done a remarkable job serving in his dual role and thanked him for stepping in and taking over. Mrs. Brown said she agrees and said she knows it isn't going to be easy. Mr. Khan asked if he could bring some updates on the pipe under Route 286. Mr. Manzi said this project has been re-bid and extended until April 16. Mr. Slayton is getting up to speed on this project.

**PREVIOUS MINUTES - MARCH 18 PUBLIC & NON-PUBLIC AND APRIL 1 PUBLIC & NON-PUBLIC**

MOTION: Theresa A. Kyle To adopt the minutes of  
Second: Ella M. Brown 3/18 public & non-public  
Unanimous and 4/1 public & non-public.

**PREVIOUSLY SIGNED PERMITS**

Mr. Khan read the list of permits (see attached).

**INTENT TO EXCAVATE & YIELD TAX LEVY**

NextEra Energy - Map 11 Lot 2

MOTION: Theresa A. Kyle To approve and sign both  
Second: Ella M. Brown the intent to excavate  
Unanimous yield tax levy.

**YIELD TAX**

106 Ledge Road - \$401.60

MOTION: Theresa A. Kyle To approve and sign the  
Second: Ella M. Brown yield tax.  
Unanimous

**10 ELDERLY EXEMPTIONS**

MOTION: Theresa A. Kyle  
Second: Ella M. Brown  
Unanimous

To approve and sign all elderly exemptions.

**1 DISABILITY EXEMPTION**

MOTION: Theresa A. Kyle  
Second: Ella M. Brown  
Unanimous

To approve and sign the disability exemption.

**VETERAN'S EXEMPTION**

Albert Howes - 7 Folly Mill Terrace  
Robert Pike - 11 River Street  
Robert Waterman - 29 Alison Drive

MOTION: Ella M. Brown  
Second: Theresa A. Kyle  
Unanimous

To approve and sign all veteran's exemptions.

**REFUND**

Elizabeth Donovan - 50 Viola Circle - \$103.68

MOTION: Ella M. Brown  
Second: Aboul B. Khan  
Unanimous

To approve and sign the refund.

**MS-232**

MOTION: Theresa A. Kyle  
Second: Ella M. Brown  
Unanimous

To approve and sign the MS-232 for DRA.

**ENCUMBRANCES**

Warrant Articles - \$1,121,160.18  
Operating Budget - \$10,000

MOTION: Theresa A. Kyle  
Second: Ella M. Brown  
Unanimous

To approve and sign both encumbrances.

**WATER SERVICE APPLICATIONS**

Robert Davis - 547 Hudson Street - \$50  
Kenneth & Mary Annaldo - 35 Ocean Blvd. - \$100  
Bruce Brown - 36 Norman Road - \$50  
Bruce Brown - 53 Bruce Road - \$50

MOTION: Theresa A. Kyle  
Second: Ella M. Brown

To approve and sign all water applications.

Unanimous

**SEWER SERVICE APPLICATIONS**

Tullson Realty LLC - 8 Chase Park Road - \$950

Bruce Brown - 36 Norman Road - \$150

Bruce Brown - 53 Bruce Road - \$150

B.G. Corey Landscaping LLC. - 319 Route 286

Mrs. Kyle said she has an issue with the Route 286 application and the issues are the same as with the water application.

<u>MOTION:</u>	Theresa A. Kyle	To approve and sign the
Second:	Ella M. Brown	sewer applications for
Unanimous		Bruce Brown and Tullson
		Realty LLC.

Mrs. Kyle said the sketch is not in compliance with the request on the form. Mr. Khan asked if they could approve subject to the applicant coming into compliance.

<u>MOTION:</u>	Aboul B. Khan	To table B.G. Corey
Second:	Ella M. Brown	until the next meeting.
Unanimous		

**AMUSEMENT DEVICE LICENSE**

National Entertainment Network, LLC. - 700-1 Lafayette Road

<u>MOTION:</u>	Ella M. Brown	To approve and sign the
Second:	Theresa A. Kyle	amusement device license
Unanimous		

**QUESTIONS/COMMENTS**

Mrs. Kyle said they attended the session for Bob Quinn and the testimonials were fantastic. She feels this is going to be great for Seabrook for a resident to be appointed to such a prestigious position. Mr. Khan said they will know Wednesday from the executive council's decision. He said there were no speakers present against this which was a first.

Mr. Manzi said the dredging project is moving forward. The town has granted an easement for the sand disposal. They are working with beach residents for easements but it is on the right course for a fall project.

The board wished everyone a Happy Easter!

**NON-PUBLIC SESSION**

MOTION: Ella M. Brown  
Second: Aboul B. Khan  
Unanimous

To go into non-public session under RSA 91-A:3 II (c) personnel at 10:38AM.

Roll call:

Mr. Khan - yes  
Mrs. Kyle - yes  
Mrs. Brown - yes

MOTION: Ella M. Brown  
Second: Theresa A. Kyle  
Unanimous

To seal the minutes of 4/15/19 as recommended by the town manager.

MOTION: Ella M. Brown  
Second: Theresa A. Kyle  
Unanimous

To adjourn the meeting at 11:20AM.

Approved and endorsed

\_\_\_\_\_  
Ella M. Brown, Clerk

Date: \_\_\_\_\_

# TOWN OF SEABROOK BOARD OF SELECTMEN

## AGENDA

April 15, 2019

Open Meeting at 10:00 A.M.

### TURN CELL PHONES TO VIBRATE OR OFF PLEASE PLEDGE OF ALLEGIANCE

#### MEETINGS

- 1.) Monthly Meeting - Sewer Superintendent

#### NEW BUSINESS

- 1.) Question of approving previous minutes of March 18 public & non-public and April 1 public & non-public.
- 2.) Question of review of previously signed permits.
- 3.) Question of approving intent to excavate for NextEra Energy, Map 11 Lot 2.
- 4.) Question of approving yield tax - 106 Ledge Road - \$401.60.
- 5.) Question of approving 10 elderly exemptions.
- 6.) Question of approving 1 disability exemption.
- 7.) Question of approving veteran's exemptions for Albert Howes - 7 Folly Mill Terrace, Robert Pike - 11 River Street and Robert Waterman - 29 Alison Drive.
- 8.) Question of approving refund for Elizabeth Donovan - 50 Viola Circle - \$103.68.
- 9.) Question of approving MS-232 form for DRA.
- 10.) Question of approving encumbrances for warrant articles of \$1,121,160.18 and operating budget of \$10,000.
- 11.) Question of approving water service applications for Robert Davis - 547 Hudson Street, Kenneth & Mary Annaldo - 35 Ocean Blvd., Bruce Brown - 36 Norman Road and Bruce Brown - 53 Bruce Road.
- 12.) Question of approving sewer service application for Tullson Realty LLC. - 8 Chase Park Road.
- 13.) Question of approving amusement device license for National Entertainment Network, LLC. (Wal-Mart location) - 700-1 Lafayette Road.

#### QUESTIONS/COMMENTS

Board of Selectmen on any boards and/or committee meetings they have attended.

#### NON-PUBLIC SESSION

**RSA 91-A:3, II (c) personnel**

*TOWN OF SEABROOK*  
**SEWER DEPARTMENT**  
274 RTE 286 • PO BOX 456  
WRIGHT'S ISLAND  
SEABROOK, NEW HAMPSHIRE 03874



***REPORT OF THE SEWER DEPARTMENT***

April 10, 2019

To: *Board of Selectmen; William Manzi – Town Manager*

From: *Curtis Slayton – Acting Sewer Superintendent*

This report contains contributions from each division within the sewer department as follows: Operations, Collections, Industrial Pre-treatment and Administration.

Each section describes activities that were completed, are ongoing or in the planning phase since the last status report.

**OPERATIONS**

**PLANT OPERATIONS REPORT FOR THE MONTH OF MARCH 2019**

Throughout the month of March the Wastewater Plant continued to meet permit and produce quality effluent. March is a transitional month for us process wise with the temperature fluctuations and weather that present unique challenges to the staff. Despite those factors Operators have remained attentive to changes and have worked cooperatively to produce effluent that meets permit requirements.

This past month we sampled for our permit required quarterly Whole Effluent Toxicity testing. The WET test analyzes the effect our effluent has on small aquatic organisms present in receiving water that are highly susceptible to pollutants. I am pleased to report that our effluent passed the permit required 48 hour 100% survival rate for both silverside minnows and mysid shrimp.

Beginning in March we began working with the NH DES Shellfish Division to sample and analyze our influent, effluent, and secondary effluent for bacteria and viruses present in the waste stream. This sampling will provide baseline data to DES for research into the types of bacteria and viruses in the State's wastewater. Initial results show substantial removal of bacteria in our final effluent and unique strains of bacteria which attack E. Coli here at our plant. These results are similar to what DES is seeing at other plants like Newmarket.

Lastly staff here at the plant performed several repairs to equipment throughout the month. The effluent water system, dewatering sludge pumps, and waste sludge pumps all required attention. These repairs were all performed by our staff in an efficient manner with no adverse impact on

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the daily operations. We are gearing up to perform some much needed tank maintenance now that warm weather is here.

Respectfully Submitted,

*Nils Larson – Chief Operator*

## COLLECTIONS

### COLLECTION SYSTEM ACTIVITIES

- Performed routine weekly preventive maintenance inspections as required of all sewage pumping stations including all periodic maintenance as scheduled within work order system.
- Responded to routine Dig Safes
- Completed inspections on new and replacement sewer services
- Worked with sewer installation contractors to design sewer connections in areas of new real estate development. Sewer line camera inspection to locate service stubs. (Foggs Lane)
- Replaced failed pumps at Greenleaf Drive PS and Butland Avenue PS
- Replaced pump #1 electric motor and Generator engine block heater at Ledge Road PS
- Repaired/Replaced generator engine radiator at Worthley Ave PS
- Replaced pump at Rock's Road flow meter vault.
- Attended the initial meeting with Process Energy Services LLC and assisted with data collection for a State funded Energy Audit to potentially receive Sate Grant funds for improvements/upgrades.
- Worked with contractors to facilitate Bridge Outfall Pipe replacement project bidding process
- Annual Testing of SCADA System alarms ongoing.
- Snow removal and spring clean-up/plow damage repair of PS grounds

*Information submitted by Collections Foreman Garret Murphy*

## INDUSTRIAL PRE-TREATMENT

- **Business verifications:** Verified two (2) business locations and updated files with corrections/additional information.

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- **Food Service Establishments:** Inspected grease interceptors at four (4) food service establishments resulting in zero (0) Notice of Violations.
- **Inspections:** Conducted six (6) inspections to ensure dischargers adhered to permit requirements.
- **Renewal Notices:** Issued one (1) renewal notice to an existing business.
- **Business License Applications:** Approved forty-two (42) submitted license applications
- **Permits:** Issued five (5) permit renewals
- **Other:** Site walk at 99 Ledge Road

*Information submitted by IPP Manager Mario Leclerc*

### **ADMINISTRATION**

- Completed and submitted the annual 2018 Collection System Capacity, Management, Operation and Maintenance (CMOM) Program Report. (See Attached)
- Continued work on the development of Phase 1 of the town's Asset Management Program with funding through of the NHDES SRF principal forgiveness loan.
- Created and distributed an informational video on Asset Management and the warrant article presented to apply for Phase 2 of the NHDES SRF Principal Forgiveness Loan.
- Began the process of data collection with Process Energy Services LLC in conjunction with the collections foreman to apply for state funding for improvements/upgrades.

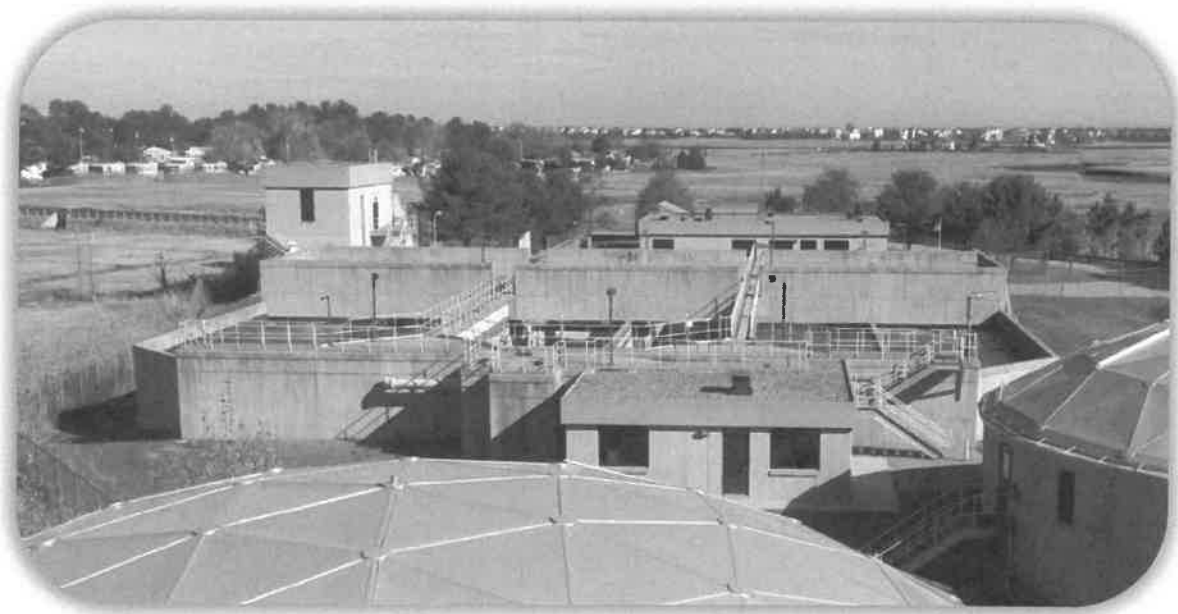
March 19 2019: The Sewer Department received a visit from Congressman Chris Pappas who was recently appointed to the House Committee of Transportation and Infrastructure. He spent time touring the plant and learning about the day to day operations and getting to know about the need for funding for infrastructure upgrades. An article was written about his visit in the Eagle Tribune (See Attached)

*Curti Saylor*



***Attached Items:***  
***- 2018 CMOM***  
***- Newspaper Article***

**COLLECTION SYSTEM  
CAPACITY, MANAGEMENT, OPERATIONS &  
MAINTENANCE PROGRAM  
2018 ANNUAL REPORT**



***NPDES PERMIT No: 0101303***

**THE TOWN OF SEABROOK, NH  
WASTEWATER DEPARTMENT**

**274 RTE 286 – WRIGHT'S ISLAND  
SEABROOK NH 03874**

***MARCH 2019***

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# SECTION 1: PROGRAM OVERVIEW

## 1.1 PROGRAM AND COLLECTIONS SYSTEM OVERVIEW

This annual report provides a summary of completed and planned activities for implementation of the Seabrook Collection System Capacity, Management, Operation, and Maintenance (CMOM) Plan. The Town's CMOM program is an on-going continuous effort to properly maintain the Seabrook NH collection system.

The Town of Seabrook owns and maintains approximately 50-miles of sanitary sewer collection system serving most of the Town's population. Within the collection system network are 75 simplex pumping stations (maintained by the Sewer Department on private property), 2 custom pump stations (Route 286 & Centennial Street), 3 major wastewater pumping stations (Route 107, Rocks Road, Route 1A), 18 minor (duplex) pumping stations, and 2 storm water drain stations. There are no combined sewers in Seabrook.

## 1.2 PRIMARY GOALS

**Identification of Potential Overflow Sites:** using the annual sewer inspection and flushing program we will continue to search for suspected or potential overflow sites within the sewer system including gravity sewers, manholes, pump stations and force mains

**Inflow/Infiltration (I/I) Prevention:** Working with the Town's Planning Board, Building Department and through participation on the Technical Review Committee we will continue to monitor and inspect sewer construction activities in Town as new sewer extensions and building service connections are constructed and work to disconnect and/or redirect illegal sump pumps and roof down spouts that are found to be connected to the collection system. We will also continue to monitor pump station flow trends to identify acute or chronic (extended) periods of extraneous flows in excess of average daily/monthly/yearly flows for each pump station and continue with program of sending written notices to resident's whose services are found to be contributing extraneous flow to the sewer system as a result of sewer video inspections and routine maintenance of pump stations

## 1.3 PUBLIC OUTREACH/PUBLIC EDUCATION

We will continue to provide town residents with information on the importance of wastewater treatment through our website and by increasing our social media presence as well continuing the practice of responding to all homeowner requests for assistance with sewer system problems even if problems are suspected to rest solely with the homeowner. We will also use all of our outreach methods to educate on the importance of restricting private sources of extraneous inflow. With the continued progress of the town's asset management program along with our GIS program we can easily provide accurate information on the critical need for proper operation of our wastewater treatment facility and the Sanitary Sewer Collection System. An informational video on asset management was created and distributed by our department.

## 1.4 EMERGENCY MANAGEMENT

In the event of an emergency our on-call operator is notified automatically by our SCADA alarm system or by phone. All Public Safety departments are provided with an updated on call rotation schedule and contact list. There are several fail-safe notifications in place to ensure a timely response to all emergencies. Our operators have access to the GIS database and SCADA system remotely by handheld device. We will continue to maintain accurate records and expand on the current database of vendors, suppliers and contractors who provide parts, supplies and manpower to assist the Seabrook Sewer Department with responding to sanitary sewer system emergencies.

## **SECTION 2: MANAGEMENT PLAN AND BUDGET**

### **2.1 STAFFING**

Staffing at the Seabrook Sewer Department includes: the Superintendent, Chief Operator, Collection System Foreman, Chief Mechanic, Lab Technician, IPP Coordinator, three (3) Operators, one (1) Mechanic, a Secretary and a Seasonal Laborer. Staffing changes in 2018 included the promotion of one (1) operator to Chief Operator and hiring one (1) experienced operator to fill the vacancy due to the promotion within. Each member of the WWTF and collection systems staff performs multiple duties related to the operation and maintenance of both facilities. The collection system Foreman oversees the maintenance and repairs of collection system components. The Foreman has at his disposal laborers, and operators to carry out the operation, maintenance, repair, and testing functions required to ensure reliable operation of the collection system. Independent contractors are used as needed.

### **2.2 INFORMATION MANAGEMENT**

Information management at the facility includes a full Supervisory Control and Data Acquisition (SCADA) system that captures, and retains historic data on the collection system operation such as raw wastewater flow into the WWTF; pump station operations, alarms, loss of power; emergency generator run time (weekly exercise and emergency operation) and pump run time.

Preventive maintenance activities pertaining to the collections system have been recorded using the GIS system. Including but not limited to: PS maintenance and repairs, manhole inspections, and flushing logs. All of this information is stored in a web-based system and is easily accessible through the PeopleGIS QuickAsset (QA) tool. This tool provides staff the ability to create issue & complete asset work orders in the field. Staff can also add missing or incomplete asset information in real-time.

#### **Improvements in Information Management planned for 2019 include:**

- Continued training on Ipads for remote operation of the SCADA system.
- Work on more in-depth evaluation of current asset data and location within the GIS database using the QA tool
- Encourage communication through email
- Continue working with Hoyle Tanner Associates and NHDES with Phase 1 SRF funding, to develop workflows to help increase the efficiency of our current GIS system in addition to our current JobCal software. This program will help track life expectancy and maintenance requirements; the goal of our department is to shift towards becoming pro-active in our infrastructure repairs/replacements instead of reactive.
- Begin the application process for Phase 2 of the Asset Management program through NHDES
- Updating our out of date JobCal software to look for ways to link to PeopleGIS to be sure that data is consistent and that both systems are used effectively.
- Continue exploring the full capabilities of PeopleGIS and the various ways to use this system in our department as a whole: Permit applications, historical data and plant safety and reporting are all features that are available

## 2.3 ANNUAL BUDGET AND EXPENDITURES

The Sewer Department maintains an annual budget for operations and maintenance that is subject to approval at Town Meeting; with a default budget if the main budget is not approved. The annual budget is derived from a combination of sewer user fees and the overall tax base. Capital improvement projects (typically projects in excess of \$25,000) are subject to special approval at annual Town Meeting through warrant article. The current funding levels are adequate to operate and maintain the current WWTF and sanitary sewer system.

The Town has begun to track expenditures for maintenance separately between the collection system and treatment plant facilities. A general breakdown of the collection system maintenance spending is presented in *Table I* Specific line items within the 2018 budget related to maintenance are listed in *Table II*.

**Note:** Budget Line Items listed in *Table II* are for the department and may include costs for both the collection system and the treatment plant.

Table I

MAINTENANCE ACTIVITY	2018 DIRECT COST
Preventive Maintenance Program	\$ 20713.08
General Maintenance And Repairs Major PS	\$ 13743.00
Sewer Jetting	\$ 10753.00
Simplex Pump Station Upgrades/Repairs	\$ 7011.00
Annual Generator Service & Repairs	\$ 3275.00
Facility Repairs	\$ 26732.23
Siding of Outfall building	\$ 9950.00
Asset Management Engineering	\$ 27407.47
Hypo tans Inspections	\$ 12148.31
Replacement of Backhoe	\$ 14500.00
<b>TOTAL</b>	<b>\$146,233.09</b>

Table II

BUDGET LINE ITEM	2018 BUDGET
New Equipment	\$65,000
Equipment Maintenance	\$90,000
Engineering	\$4,000
Equipment Rental	\$5,000
<b>Total Sewer Department Budget</b>	<b>\$1,981,373.00</b>

## 2.4 WARRANT ARTICLES PRESENTED IN 2018

The following warrant articles were on the ballot for 2018 that are relevant to collection system maintenance activities:

### ARTICLE #9

To see if the Town will vote to raise and appropriate the sum of Fifty Thousand Dollars (\$50,000) to fund planning for and additions to the Asset Management Program and Energy Assessment for the Town's Wastewater Treatment Facility, and to authorize the issuance of not more than Fifty Thousand Dollars (\$50,000) of bonds or notes in accordance with the provisions of the Municipal Finance Act (RSA 33); and, to further authorize the Selectmen to issue and negotiate such bonds or notes and to determine the conditions and the rate of interest thereon; and further to authorize the Board of Selectmen to apply for, contract for, accept and expend any Federal, State, or other available funds, including Clean Water State Revolving

Funds (CWSRF) toward the project that may be available, according to the terms under which they are received, and to borrow in anticipation of the receipt of such aid or the issuance of such bonds or notes as provided by the Municipal Finance Act, (RSA 33), as amended; and, to further authorize the Selectmen to offset the full amount of this appropriation through the receipt of federal or state grant monies, or CWSRF loans with 100% principal loan forgiveness. (3/5th vote required) (Recommended by the Board of Selectmen) (Recommended by the Budget Committee).

***VOTE FAILED 411-528***

**ARTICLE #17**

To see if the Town will vote to raise and appropriate the sum of Four Hundred Eighty Thousand Dollars (\$480,000) for the purpose of replacing the outfall pipe and brackets under the Route 286 bridge. This sum to come from unassigned fund balance. This will be a non-lapsing appropriation per RSA 32:7, VI and will not lapse until the project is completed or in two (2) years (December 31, 2020), whichever occurs first. This is a special warrant article. (Majority vote required) (Recommended by the Board of Selectmen) (Recommended by the Budget Committee) (Estimated \$0.00 impact per \$1,000 on the tax rate). NOTE: The outfall pipe and support brackets under the bridge are unprotected and badly rusted. A failure of this outfall pipe would be catastrophic, leave a major portion of Seabrook without sewer service.

***VOTE PASSED 646-324***

**ARTICLE #24**

To see if the Town will vote to raise and appropriate the sum of Twenty Thousand Dollars (\$20,000) to repair and replace the DPW pump stations and storm-water pump stations. This will be a non-lapsing appropriation per RSA 32:7, VI and will not lapse until the project is completed or in two (2) years (December 31, 2020), whichever occurs first. This is a special warrant article. (Majority vote required) (Recommended by the Board of Selectmen) (Recommended by the Budget Committee) (Estimated \$0.007 impact per \$1,000 on the tax rate). NOTE: The current machinery is 25 years old and it is becoming hard to find parts.

***VOTE PASSED 564-427***

**ARTICLE #28**

To see if the Town will vote to raise and appropriate the sum of Ninety-Eight Thousand Dollars (\$98,000) for the purchase of a septic hauler truck for the Sewer Department and to authorize the sale or trade of the existing 1999 Freightliner septic hauler truck. This will be a non-lapsing appropriation per RSA 32:7, VI and will not lapse until the vehicle is acquired by the Town or in two (2) years (December 31, 2020), whichever occurs first. This is a special warrant article. (Majority vote required) (Recommended by the Board of Selectmen) (Recommended by the Budget Committee) (Estimated \$0.036 impact per \$1,000 on the tax rate). NOTE: This article is included in the capital improvement plan that was submitted to the planning board. This truck is 17 years old and was purchased used in 2004. The tank structure was taken from an older vehicle and added to this cab and frame. It is used to clean pump stations and sewer mains. It is also used as a standby emergency pump truck to service pump stations when extended power outages occur.

***VOTE FAILED 406-561***

**ARTICLE #29**

To see if the Town will vote to raise and appropriate the sum of Eighteen Thousand Dollars (\$18,000) to add permanent mounted oxygen probes to the sewer department's oxidation tanks to include new high tech instruments. This will be a non-lapsing appropriation per RSA 32:7, VI and will not lapse until the project is completed or in two (2) years (December 31, 2020), whichever occurs first. This is a special warrant article. (Majority vote required) (Recommended by the Board of Selectmen) (Recommended by the Budget Committee) (Estimated \$0.007 impact per \$1,000 on the tax rate).

***VOTE PASSED 484-477***

**ARTICLE #30**

To see if the Town will vote to raise and appropriate the sum of Fifteen Thousand Dollars (\$15,000) to replace the air handling unit in the dewatering building of the sewer department. This will be a non-lapsing appropriation per RSA 32:7, VI and will not lapse until the project is completed or in two (2) years (December

31, 2020), whichever occurs first. This is a special warrant article. (Majority vote required) (Recommended by the Board of Selectmen) (Recommended by the Budget Committee) (Estimated \$0.006 impact per \$1,000 on the tax rate).

***VOTE FAILED 448-507***

**ARTICLE #31**

To see if the Town will vote to raise and appropriate the sum of Twenty-Six Thousand Dollars (\$26,000) to reline the chlorine storage tanks for the sewer department. This will be a non-lapsing appropriation per RSA 32:7, VI and will not lapse until the project is completed or in two (2) years (December 31, 2020), whichever occurs first. This is a special warrant article. (Majority vote required) (Recommended by the Board of Selectmen) (Recommended by the Budget Committee) (Estimated \$0.010 impact per \$1,000 on the tax rate). NOTE: The tanks are 22-years old and the product is eating the fiberglass wall structures.

***VOTE PASSED 511-448***

**ARTICLE #32**

To see if the Town will vote to raise and appropriate the sum of Forty Thousand Six Hundred Dollars (\$40,600) to purchase proper units for the tank configuration and install submersible mixers at the sewer department. This will be a non-lapsing appropriation per RSA 32:7, VI and will not lapse until the project is completed or in two (2) years (December 31, 2020), whichever occurs first. This is a special warrant article. (Majority vote required) (Recommended by the Board of Selectmen) (Recommended by the Budget Committee) (Estimated \$0.015 impact per \$1,000 on the tax rate). NOTE: During off cycles in the aeration mode saves electrical energy. With mixers, longer periods of anoxic conditions can be maintained with proper mixing.

***VOTE FAILED 451-505***

**ARTICLE #33**

To see if the Town will vote to raise and appropriate the sum of Eighteen Thousand Dollars (\$18,000) to replace two (2) office HVAC units in the operations building of the sewer department. This will be a non-lapsing appropriation per RSA 32:7, VI and will not lapse until the project is completed or in two (2) years (December 31, 2020), whichever occurs first. This is a special warrant article. (Majority vote required) (Recommended by the Board of Selectmen) (Recommended by the Budget Committee) (Estimated \$0.007 impact per \$1,000 on the tax rate). NOTE: The window mounted units are 20-years old and hard to find replacement parts to repair.

***VOTE FAILED 384-599***



# SECTION 3: ANNUAL MAINTENANCE

## 3.1 PREVENTIVE MAINTENANCE & MONITORING PROGRAM

Seabrook maintains an ongoing preventive maintenance program to reduce potential overflows and bypasses caused by malfunctions or failures of the sanitary sewer system. The Town has its own basic video inspection equipment with limited capabilities and jetting equipment.

**The current annual preventive maintenance program includes the following:**

- Annual inspection and sewer main jetting with a goal of inspection and/or jetting an average of 5 miles per year of sanitary sewers;
- Use annual inspections to eliminate extraneous flows from sump pumps, pipe leaks, manhole leaks, etc;
- Manhole maintenance including reset rims and covers, repair brick work and repair leaking or damaged service connections;
- Major pump station maintenance including weekly inspections, complete and thorough cleaning (annually), and comprehensive alarm testing (annually).
- Weekly exercising of pump station generators.
- Repair or replace sewer pipe found to be leaking or damaged.
- Once every two years inspect the outfall diffuser (requires a certified underwater diver) Contractor has been requested to schedule inspection in 2019

## 3.2 COLLECTION SYSTEM ACTIVITIES

- Approximately 2.4 miles of gravity sewer cleaned and inspected.
- Annual wet well cleaning and inspection to all town owned pumping stations was completed.
- Annual alarm testing to SCADA monitored stations was conducted and documented ensuring proper communication/notification of such alarms.
- Annual Testing of Generators was completed and documented by Scherbon Electric.
- Inspected the mains underneath the Blackwater Bridge for corrosion.
- Cleared easements of vegetation and debris.
- All water backflow prevention devices were inspected and serviced, if required.

*Table III*

STREET NAME	PIPE LENGTH
BLACKSNAKE ROAD	1505.0
DANDIVIEW ACRES	852.0
DEER XING	631.0
DIXON WAY	895.0
FRANCIS DR	808.0
MAPLE RIDGE ROAD	1998.0
NEW ZEALAND ROAD	1510.0
OLD NEW BOSTON RD	697.0
RILEY RD	348.0
TRUE LANE	941.0
TRUE ROAD	2011.0
ZAGERELLA CIRCLE	459.0
<b>TOTAL FT</b>	<b>12655.0</b>
	<b>2.4 MILES</b>

# Town of Seabrook - Sewer System

Figure 1



# Town of Seabrook - 2018 Flushing Map

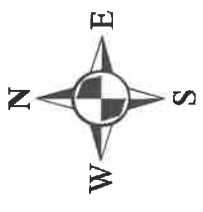
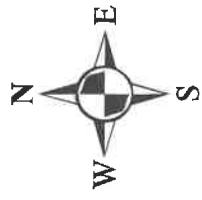


Figure II



Year Cleaned	
2016	
2017	
2018	
	Gravity Mains
	Force Mains



# Town of Seabrook - 2018 Flushing Map



Year Cleaned	
2016	
2017	
2018	

Gravity Mains  
Force Mains

Figure III

### 3.3 INDUSTRIAL PRETREATMENT ACTIVITIES

Our Industrial Pre-Treatment Department conducted a total of one-hundred sixteen (116) physical inspections of the fifty (50) hydro-mechanical and gravity grease interceptors that discharge directly to the Seabrook sanitary sewer system, Issuing one (1) violation notice for failure to properly maintain a grease interceptor to owners of food establishments.

*Table IV*

PERMIT CLASS	JAN 2017	GAIN/LOSS	VIOLATION	JAN 2018
1	5	1/1	0	5
2	7	0/1	0	6
3	86	6/7	1	85
<b>TOTAL</b>	<b>98</b>	<b>7/9</b>	<b>1</b>	<b>96</b>

### 3.4 NEW CONNECTIONS

The Seabrook Sewer Department approved 30 permit applications in 2018 including 8 new connections to the system. These new connections were all residential and were reviewed and inspected by the collections foreman.

### 3.5 PLANNED COLLECTION SYSTEM MAINTENANCE ACTIVITIES

**For 2019 the Sewer Department has planned the following collection system maintenance and monitoring activities:**

- Regular preventive maintenance activities at main pump stations with corrective maintenance as needed.
- Continue to recondition additional Simplex stations with high quality hardware and electrical upgrades.
- Continued cross training of new staff members to become proficient in all aspects of the various department operations.
- Transfer paper-based collection system information to a digital GIS mapping system.
- Research the updates available for our current Job-Cal Software and streamline data for improved tracking and reporting of routine maintenance and repair activities.
- Continue with the annual program of sewer main jetting. Much of the system has been completed with the exception of some easements with difficult access (cross country lines), and sewer mains exceeding 12 inch in diameter (which may require an outside contractor)

We will continue to review current maintenance protocols and ordinance requirements for privately owned sewer collection systems

# WORK ORDER HISTORY

01/01/2018 To 12/31/2018

## CORRECTIVE WORK ORDERS

Table V

DATE	WO#	EMPLOYEE	EQUIP	COST	DESCRIPTION
08-Jan-18	10193	Daumanic	Simplex 037	\$ 994.08	Corrective
16-Jan-18	10312	Garret	PS18-Vault	\$ 3,812.82	Corrective
18-Jan-18	10211	Daumanic	Simplex 029	\$ 103.04	Corrective
24-Jan-18	10330	Garret	PS18-Vault	\$ 363.45	Corrective
01-Feb-18	10244	Daumanic	PS18-Electric Heat	\$ 1,001.36	Corrective
13-Feb-18	10286	Daumanic	PS18-Blower #1	\$ 2,573.51	Corrective
14-Feb-18	10300	Asa	Simplex 002	\$ 1,148.66	Corrective
27-Feb-18	10310	Garret	PS10-Generator	\$ 65.12	Corrective
20-Mar-18	10391	Garret	PS15-Meter Vault	\$ 734.28	Corrective
31-Mar-18	10434	Garret	Simplex 067	\$ 1,027.19	Corrective
04-Apr-18	10440	Garret	90-Manhole Cover	\$ 87.54	Corrective
09-Apr-18	10463	Daumanic	PS7-Wisconsin Motor	\$ 112.17	Corrective
09-Apr-18	10462	Daumanic	PS9-Wisconsin Motor	\$ 112.17	Corrective
09-Apr-18	10461	Daumanic	PS1-Wisconsin Motor	\$ 112.17	Corrective
09-Apr-18	10459	Ray	PS6-Misc.	\$ 149.63	Corrective
10-Apr-18	10467	Daumanic	PS12-Wisconsin Motor	\$ 112.17	Corrective
10-Apr-18	10466	Daumanic	PS11-Wisconsin Motor	\$ 112.17	Corrective
10-Apr-18	10465	Daumanic	PS3-Wisconsin Motor	\$ 112.17	Corrective
10-Apr-18	10464	Daumanic	PS8-Wisconsin Motor	\$ 112.17	Corrective
11-Apr-18	10472	Daumanic	PS19-Generator	\$ 566.48	Corrective
11-Apr-18	10471	Daumanic	PS18-Generator	\$ 114.41	Corrective
11-Apr-18	10470	Daumanic	PS15-Generator	\$ 114.41	Corrective
11-Apr-18	10469	Daumanic	PS6-Generator	\$ 114.41	Corrective
11-Apr-18	10468	Daumanic	PS5-Generator	\$ 114.41	Corrective
20-Apr-18	10501	Garret	PS1-Check Valves	\$ 387.74	Corrective
26-Apr-18	10571	Garret	90-Manhole Cover	\$ 38.77	Corrective
26-Apr-18	10570	Garret	PS17-Meter Vault	\$ 38.77	Corrective
02-May-18	10608	Garret	Simplex 033	\$ 927.34	Corrective
02-May-18	10607	Garret	MPS4-General	\$ 187.83	Corrective
03-May-18	10606	Garret	90-Manhole Cover	\$ 4,410.92	Corrective
08-May-18	10641	Nils	Simplex 039	\$ 106.01	Corrective
17-May-18	10694	Garret	PS15-Generator	\$ 1,919.70	Corrective
22-May-18	10764	Ray	MPS10-General	\$ 1,294.81	Corrective
06-Jun-18	10765	Garret	MPS10-General	\$ 1,017.04	Corrective
07-Jun-18	10763	Garret	Simplex 026	\$ 110.24	Corrective
13-Jun-18	10778	Garret	PS13-Ocean Blvd Drain	\$ 230.20	Corrective
14-Jun-18	10808	Garret	Simplex 055	\$ 1,177.80	Corrective
19-Jun-18	10775	Garret	PS15-Wetwell	\$ 15,684.82	Corrective
20-Jun-18	10779	Ray	PS5-Generator	\$ 100.85	Corrective
26-Jun-18	10809	Garret	Simplex 059	\$ 1,195.31	Corrective

23-Jul-18	10864	Garret	Simplex 051	\$	1,216.68	Corrective
25-Jul-18	10865	Ray	PS13-Ocean Blvd Drain	\$	296.27	Corrective
29-Jul-18	10876	Asa	Simplex 047	\$	980.79	Corrective
14-Aug-18	10940	Ray	PS17-Pump #1	\$	1,050.48	Corrective
18-Aug-18	10943	Asa	Simplex 043	\$	980.79	Corrective
20-Aug-18	10942	Ray	PS15-Pump #1	\$	1,204.71	Corrective
31-Aug-18	10976	Ray	PS11-Pump #2	\$	1,000.88	Corrective
03-Sep-18	11139	Garret	MPS6-Pump #1	\$	1,953.62	Corrective
04-Sep-18	10965	Garret	PS6-Pump #2	\$	37.26	Corrective
04-Sep-18	10964	Garret	PS12-Pump #1	\$	238.46	Corrective
24-Sep-18	11090	Garret	PS11-Pump #2	\$	1,000.88	Corrective
24-Sep-18	11052	Garret	PS17-Meter Vault	\$	111.29	Corrective
24-Sep-18	11005	Garret	Simplex 003	\$	138.56	Corrective
26-Sep-18	11043	Garret	Simplex Big's Ln	\$	94.10	Corrective
27-Sep-18	11042	Garret	Simplex 070	\$	105.75	Corrective
28-Sep-18	11054	Garret	PS8-Pump #2	\$	1,060.17	Corrective
02-Oct-18	11089	Garret	PS11-Pump #1	\$	1,000.88	Corrective
08-Oct-18	11142	Garret	PS4-Pump #1 Motor	\$	159.29	Corrective
08-Oct-18	11141	Garret	PS10-Pump #2 Motor	\$	643.58	Corrective
11-Oct-18	11140	Daumanic	MPS6-Pump #1	\$	205.35	Corrective
15-Oct-18	11133	Garret	Simplex 052	\$	1,441.33	Corrective
16-Oct-18	11132	Garret	Simplex 054	\$	1,447.59	Corrective
17-Oct-18	11138	Daumanic	Simplex 070	\$	332.36	Corrective
17-Oct-18	11134	Garret	Simplex 010	\$	1,393.87	Corrective
22-Oct-18	11152	Garret	Simplex 009	\$	1,533.12	Corrective
23-Oct-18	11153	Ray	PS6-Pump #2	\$	574.65	Corrective
26-Oct-18	11173	Daumanic	MPS11-Wetwell	\$	104.18	Corrective
31-Oct-18	11174	Daumanic	PS18-Vault	\$	30.74	Corrective
15-Nov-18	11234	David	PS17-Pump #2	\$	60.64	Corrective
19-Nov-18	11053	Daumanic	PS15-Generator	\$	2,596.56	Corrective
21-Nov-18	11248	David	PS5-Pump #2	\$	119.67	Corrective
27-Nov-18	11267	David	PS16-General	\$	196.00	Corrective
28-Nov-18	11265	David	PS16-Generator	\$	69.23	Corrective
28-Nov-18	11264	David	Simplex 071	\$	115.23	Corrective
03-Dec-18	11329	Garret	PS2-Pump #2	\$	592.21	Corrective
05-Dec-18	11331	Daumanic	PS18-Odor Control Blower	\$	257.07	Corrective
11-Dec-18	11424	Garret	PS12-Pump #2	\$	649.86	Corrective
12-Dec-18	11425	Garret	PS10-Pump #2 Motor	\$	118.58	Corrective
20-Dec-18	11426	David	MPS10-Wetwell	\$	265.81	Corrective

**TOTAL COST**

**\$68,076.63**

**WO COUNT**

**79**

# WORK ORDER HISTORY

01/01/2018 To 12/31/2018

## PREVENTIVE MAINTENANCE WORK ORDERS

Table VI

DATE	WO#	EMPLOYEE	EQUIP	COST	DESCRIPTION
19-Jan-18	9081	Asa	90-Safety Equipment	\$ 36.93	Monthly Safety Equipment Check
29-Jan-18	9055	Ray	PS19-Level Sensor	\$ 55.12	CLEAN BUBBLER PIPING
29-Jan-18	8965	Ray	PS19-Muffin Monster	\$ 26.31	LUBRICATE INCLUSION RING
29-Jan-18	9054	Ray	PS18-Level Sensor	\$ 55.12	CLEAN BUBBLER PIPING
01-Feb-18	8810	Asa	PS18-Bisulfite Pump #1	\$ 45.02	CLEAN & INSPECT METERING PUMP HEAD
15-Feb-18	MULTI	Ray	MULTIPLE	\$ 180.83	Grease Fittings – Multiple (13) PS Air Release
21-Mar-18	9280	Asa	90-Safety Equipment	\$ 67.40	Monthly Safety Equipment Check
29-Mar-18	9149	Ray	PS19-Muffin Monster	\$ 29.07	LUBRICATE INCLUSION RING
09-Apr-18	MULTI	Ray	MULTIPLE	\$ 124.05	Inspect and Clean 5 PS Check Valves
17-Apr-18	9409	Daumanic	90-Safety Equipment	\$ 44.84	Monthly Safety Equipment Check
18-Apr-18	MULTI	Ray	MULTIPLE	\$ 148.86	CHANGE OIL -6 Pumps
18-Apr-18	9395	Daumanic	PS16-Pump #2 Motor	\$ 12.71	Grease Bearings
18-Apr-18	9394	Daumanic	PS16-Pump #1 Motor	\$ 12.71	Grease Bearings
23-Apr-18	MULTI	Garret	MULTIPLE	\$ 310.16	CLEAN 4 WETWELLS
24-Apr-18	9321	Ray	90-Ashland St Check Valve	\$ 24.81	REMOVE VALVE AND CLEAN THE LINE
24-Apr-18	9381	Ray	PS2-Check Valves	\$ 77.54	Inspect and Clean
24-Apr-18	10524	Nils	PS18-Bisulfite Pumps	\$ 27.50	Inspection of Equipment
26-Apr-18	9530	Garret	PS17-Wetwell	\$ 77.54	CLEAN WETWELL
27-Apr-18	9436	Ray	PS10-Pump #2	\$ 99.24	CHANGE OIL 4 PS PUMPS
30-Apr-18	MULTI	Garret	PS9 & 1-Wetwell	\$ 155.08	CLEAN 2 WETWELLS
01-May-18	9572	Garret	PS16-Wetwell	\$ 155.08	CLEAN 2 WETWELLS
04-May-18	MULTI	Garret	PS12 & 7-Wetwell	\$ 155.08	CLEAN 2 WETWELLS
07-May-18	9534	Garret	PS8 & 3-Wetwell	\$ 77.54	CLEAN 2 WETWELLS
08-May-18	MULTI	Garret	MULTIPLE	\$ 542.78	Minor Liftstations (CLEAN 7 WETWELLS)
09-May-18	MULTI	Garret	MULTIPLE	\$ 310.16	Minor Liftstations (CLEAN 5 WETWELLS)
16-May-18	9520	Asa	90-Safety Equipment	\$ 33.77	Monthly Safety Equipment Check
16-May-18	MULTI	Ray	MULTIPLE	\$ 55.64	Grease Fittings – 4 PS AIR RELEASE
16-May-18	MULTI	Ray	MULTIPLE	\$ 148.86	Inspect and Clean 6 PS CHECK VALVES
18-May-18	MULTI	Daumanic	MULTIPLE	\$ 114.39	Grease Fittings – 9 PS AIR RELEASE
28-May-18	9458	Ray	PS19-Muffin Monster	\$ 13.91	LUBRICATE INCLUSION RING
04-Jun-18	9832	Garret	PS19-Wetwell	\$ 77.54	CLEAN WETWELL
08-Jun-18	9531	Ray	PS18-Wetwell	\$ 77.54	CLEAN WETWELL
08-Jun-18	10230	Ray	PS18-Vault Sump Pumps	\$ -	Clean
12-Jun-18	9591	Asa	90-Safety Equipment	\$ 67.53	Monthly Safety Equipment Check
28-Jun-18	MULTI	Ray	PS19-Pump #2	\$ 69.55	Grease Bearings- 5 PS Pumps
28-Jun-18	9613	Ray	PS18-Pump #1 Motor	\$ 13.91	GREASE US MOTORS
28-Jun-18	9614	Ray	PS19-Pump #1 Motor	\$ 13.91	GREASE US MOTORS
26-Jul-18	9683	Ray	90-Batteries	\$ 14.03	CHANGE BATTERIES
26-Jul-18	9684	Ray	PS19-Muffin Monster	\$ 15.53	LUBRICATE INCLUSION RING
16-Aug-18	MULTI	Ray	MULTIPLE	\$ 201.89	Grease Fittings -13 PS- Air Release



27-Aug-18	9731	Mike	90-Safety Equipment	\$ 76.38	Monthly Safety Equipment Check
19-Sep-18	9784	Mike	90-Safety Equipment	\$ 38.19	Monthly Safety Equipment Check
24-Sep-18	MULTI	Garret	MULTIPLE	\$ 1,114.83	INSPECT 27 SIMPLEX STATIONS
25-Sep-18	MULTI	Garret	MULTIPLE	\$ 483.75	INSPECT 9 SIMPLEX STATIONS
26-Sep-18	MULTI	Garret	MULTIPLE	\$ 252.66	INSPECT 6 SIMPLEX STATIONS
27-Sep-18	MULTI	Garret	MULTIPLE	\$ 537.50	INSPECT 10 SIMPLEX STATION
03-Oct-18	MULTI	Garret	MULTIPLE	\$ 349.20	INSPECT 8 SIMPLEX STATIONS
03-Oct-18	MULTI	Ray	PS13 &10-Check Valve	\$ 84.18	Inspect and Clean
05-Oct-18	9802	Daumanic	PS19-Muffin Monster	\$ 24.77	LUBRICATE INCLUSION RING
17-Oct-18	MULTI	Garret	MULTIPLE	\$ 161.25	INSPECT 3 SIMPLEX STATIONS
22-Oct-18	9923	Garret	Simplex 009	\$ 39.72	INSPECT SIMPLEX STATION
23-Oct-18	9965	David	90-Safety Equipment	\$ 42.00	Monthly Safety Equipment Check
01-Nov-18	10525	Nils	PS18-Bisulfite Pumps	\$ 29.81	Inspection of Equipment
12-Nov-18	10071	David	90-Safety Equipment	\$ 42.00	Monthly Safety Equipment Check
15-Nov-18	MULTI	David	MULTIPLE	\$ 93.00	Grease Fittings – Multiple (6) PS Air Release
16-Nov-18	9988	David	MULTIPLE	\$ 108.50	Grease Fittings – Multiple (7) PS Air Release
03-Dec-18	10111	Ray	PS18-Odor Control Blower	\$ 14.03	Grease and Inspect Odor Control Blower
07-Dec-18	MULTI	Daumanic	MULTIPLE	\$ 204.20	CHANGE OIL -10 PS Pumps
07-Dec-18	MULTI	Mike	PS7, 3 & 8-Check Valves	\$ 76.38	Inspect and Clean
07-Dec-18	MULTI	Mike	PS12 & 10-Check Valves	\$ 25.46	Inspect and Clean
13-Dec-18	10137	Mike	90-Safety Equipment	\$ 50.92	Monthly Safety Equipment Check
31-Dec-18	10209	David	PS19-Level Sensor	\$ 42.09	CLEAN BUBBLER PIPING

**TOTAL COST**  
**\$7,660.30**

**WO COUNT**  
**216**

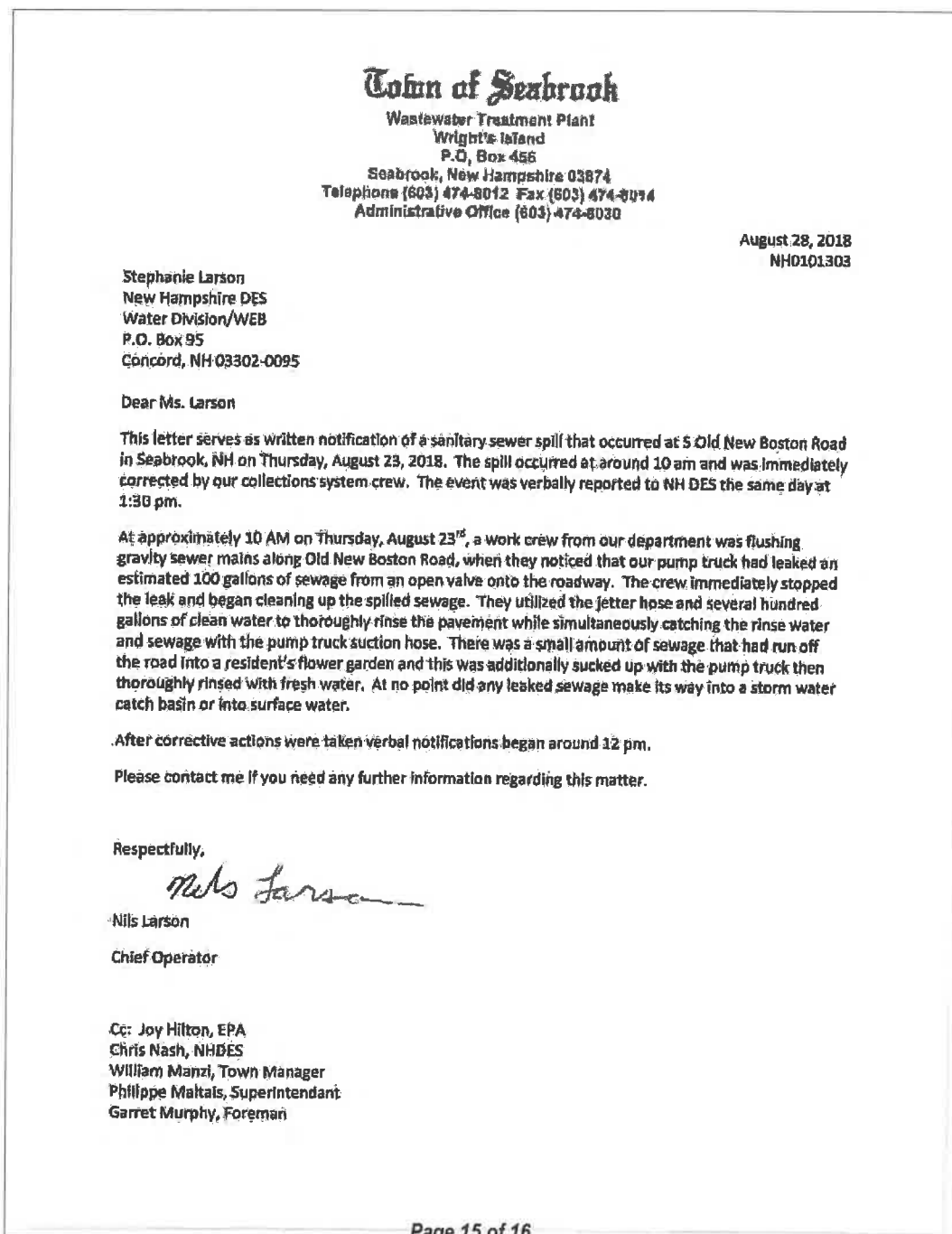
# SECTION 4: OVERFLOW RESPONSE

## 4.1 DISCHARGE EVENTS

The Seabrook Wastewater Department experienced one unauthorized sanitary sewer discharge during calendar year 2018. Below is a short description of the event with a full description in the notification letter provided in *Figure IV*

**August 23, 2018:** At approximately 10 am a sanitary sewer spill occurred at 5 Old New Boston Road. The spill was immediately corrected by the crew on-site and DES was notified same day.

Figure IV



# SECTION 5: SYSTEM CAPACITY EVALUATION

## 5.1 SYSTEM CAPACITY

Sewage is conveyed through the sanitary sewer system to the wastewater treatment facility (WWTF). The WWTF was built in 1995 with a design average daily flow (ADF) of 1.8 MGD. Most of the collection system was built around the same time as the WWTF. There are no combined storm water sewers and no combined storm water sewer overflow (CSO) discharge locations in the collection system. There are no known areas within the collection system that having limitations on collection capacity. In 2018 the WWTF operated at an ADF of approximately 0.702 MGD, which is approximately 39% of design flow capacity. The plant was able to handle all peak flows in 2018. See Figure V for a summary of flows for the past six years. Flows in 2018 have shown no significant increase or decrease from the previous years. There were no reported backups in the collection system due to capacity limits in 2018.

**Figure V**  
**Seabrook Wastewater Effluent Ocean Discharge totals**

	2014 Monthly Total MG	Daily Avg MGD	2015 Monthly Total MG	Daily Avg MGD	2016 Monthly Total MG	Daily Avg MGD	2017 Monthly Total MG	Daily Avg MGD	2018 Monthly Total MG	Daily Avg MGD
January	19.37	0.62	19.16	0.62	19.85	0.64	20.65	0.67	21.69	0.70
February	16.67	0.60	17.63	0.63	18.95	0.68	19.63	0.70	19.03	0.68
March	20.26	0.65	21.33	0.69	20.39	0.66	21.66	0.70	22.61	0.73
April	21.85	0.73	22.99	0.77	18.46	0.62	24.97	0.83	21.30	0.71
May	20.13	0.65	19.33	0.62	18.96	0.61	24.82	0.80	21.58	0.70
June	19.05	0.64	20.58	0.69	19.74	0.66	23.30	0.78	20.55	0.69
July	20.95	0.68	23.42	0.76	22.37	0.72	23.73	0.77	22.52	0.73
August	20.51	0.66	23.09	0.74	21.98	0.71	23.02	0.74	22.86	0.74
September	18.12	0.60	19.47	0.65	18.02	0.60	18.02	0.60	20.35	0.68
October	18.25	0.59	18.57	0.60	18.51	0.60	19.02	0.61	19.98	0.64
November	17.50	0.58	16.85	0.56	17.84	0.59	17.13	0.57	22.40	0.75
December	23.84	0.77	18.48	0.60	19.37	0.62	18.66	0.60	21.48	0.69
<b>Totals</b>	<b>236.50</b>	<b>MG</b>	<b>240.90</b>	<b>MG</b>	<b>234.44</b>	<b>MG</b>	<b>254.61</b>	<b>MG</b>	<b>256.35</b>	<b>MG</b>
<b>Avg per day</b>	<b>0.648</b>	<b>MG</b>	<b>0.660</b>	<b>MG</b>	<b>0.642</b>	<b>MG</b>	<b>0.698</b>	<b>MG</b>	<b>0.702</b>	<b>MG</b>
<b>% of design flow</b>	<b>36%</b>		<b>37%</b>		<b>36%</b>		<b>39%</b>		<b>39%</b>	
<b>Biosolids Wet Tons</b>										
<b>Totals</b>	<b>1494</b>	<b>Tons</b>	<b>1676</b>	<b>Tons</b>	<b>1497</b>	<b>Tons</b>	<b>1796</b>	<b>Tons</b>	<b>1827</b>	<b>Tons</b>
<b>Dry Tons</b>										
<b>Totals</b>	<b>209</b>		<b>218</b>		<b>199</b>		<b>247</b>		<b>256</b>	

\*MG = million gallons

## Congressman visits Seabrook's wastewater treatment facility

Congressman visits Seabrook wastewater facility

By Amanda Getchell [agetchell@newburyportnews.com](mailto:agetchell@newburyportnews.com)



BRYAN EATON/Staff photo Jamie McDonald, secretary for Seabrook's wastewater treatment facility, shows the town's aerial photos and maps of the system to Congressman Chris Pappas.

Bryan Eaton

**SEABROOK** — Congressman Chris Pappas visited the wastewater treatment facility Tuesday afternoon to discuss funding from the Department of Environmental Services and improvements being made in town and across the state.

Pappas, a Democrat representing New Hampshire's 1st District, sits on the House Transportation and Infrastructure Committee that oversees the U.S. Environmental Protection Agency. During the tour, he noted there is a revolving fund of federal money for the state to improve infrastructure such as the treatment facility in Seabrook.

"There's a lot of talk in Washington about the Infrastructure Committee," Pappas said. "It's important to get a local understanding of the infrastructure and the systems that already exist and how we might make improvements over time to the local communities."

Wastewater Superintendent Philippe Maltais and secretary Jamie McDonald gave Pappas a tutorial of the newly implemented geographic information system, which collects data about wells, sewers and pipelines, among other infrastructure in town.

Prior to using the online system, wastewater officials would use paper maps to locate these and respond to calls, McDonald said.

All wastewater officials are able to respond to calls and identify problems electronically. Maltais noted that the GIS includes all water and sewer system data. Wastewater employees can send information while in the field by using tablet computers.

"It's a working system for us," said Maltais, who added that the Water Department will use the system for repairs. "It's become an excellent tracking system to have for when calls get completed, who's doing them."

Treatment facility Chief Operator Nils Larson said the Blackwater River bridge project is one of the biggest problems in town right now. There are two pipes that run under the bridge, located at the end of Route 286 near Brown's Lobster Pound. One pipe has considerable corrosion and needs to be replaced.

"It's a big project and not a lot of people will take it on," Larson said. "The grounds are rocky. The tide comes right up to the base of the bridge and that's our problem with getting it out to bid is you have little short windows of time before the tide comes back up. It's going to be a real logistic challenge, but it's going to have to get done."

The town received funding through a warrant article approved in 2018, said Maltais, adding that the project has been put out to bid. He hopes work will begin by the end of the year. A warrant article approved last week provides \$60,000 for "asset management" at the treatment facility, Maltais said.

"New Hampshire has a lot of aging infrastructure in these types of facilities," Maltais said. "There hasn't been too many new ones lately, but the older cities are seeing requirements for new rehab and additional funding to replace some infrastructure."

During his visit to the facility, Pappas said every community is a little different in terms of its infrastructure. He said the state revolving fund for addressing infrastructure needs is essential in providing funding so communities can take on certain projects.

"Seabrook is a place where they were able to finance the construction of a new (sewage treatment) system back in the 1990s and so it's at a different point in its lifespan," Pappas said. "Rural communities, in particular, I think, struggle to raise the capital they need to expand and construct these larger systems."

Staff writer Amanda Getchell covers Newburyport and Seabrook. Follow her on Twitter [@ajgetch](https://twitter.com/ajgetch).

**LIST OF ITEMS SIGNED BY BOARD OF SELECTMEN  
FOR MEETING ON APRIL 15, 2019**

**SOLICITATION PERMIT**

Teen Challenge NH - July 17, 18 & 20 at O'Brien's  
Little Warrior Cheer - June 8 & 9 at Dunkin Donuts

**RAFFLE PERMIT**

Seabrook Cal Ripkin - Governor Weare Park - April 20