

**TOWN OF JAMESTOWN  
TOWN COUNCIL MEETING  
for  
TOWN, WATER AND SEWER MATTERS**

A regular meeting of the Jamestown Town Council sitting as the Board of Water and Sewer Commissioners was held on June 21, 2021. This meeting was held pursuant to Executive Order No. 20-05, executed by Governor Gina Raimondo and was teleconferenced via Zoom.

The meeting was called to order via Zoom at 6:32 PM by Commission President Nancy A. Beye. The following members were present:

Erik G. Brine  
Michael G. White  
Randall White

Also, present were:

Jamie A. Hainsworth, Town Administrator  
Denise Gamon, Town Clerk's Assistant  
Christina D. Collins, Finance Director  
Michael Gray PE, Public Works Director  
Lisa Bryer, Town Planner  
Peter D. Ruggiero Esq., Town Solicitor  
Denise Jennings, Water and Sewer Clerk (entered zoom at 6:34 PM)

Absent:

Mary E. Meagher, Commission Vice President

**AWARDS, PRESENTATIONS AND ACKNOWLEDGMENTS**

(None)

**READING AND APPROVAL OF MINUTES**

- 1) May 17, 2021 (regular meeting)  
Motion was made by Commissioner Michael White, seconded by Commissioner Brine to accept the May 17, 2021 regular meeting minutes. Vote: President Beye, Aye; Commissioner Brine, Aye; Commissioner Michael White, Aye; Commissioner Randall White, Aye

**OPEN FORUM**

Commission President Beye noted that this open forum would be for water and sewer matters only.

- 1) Scheduled requests to address:

(None)

2) Non-scheduled request to address:

(None)

## **REPORT OF TOWN OFFICIALS**

### 1) **Pumping Report:**

The Public Works Director reported the following:

- JR-1 is currently in service.
- Pumping was up for the month of May, compared to April 2021 and was up slightly compared to May of 2020.
- Rainfall is up slightly for the month of May, although the Northeast continues to experience dry conditions due to lower than average rainfall. We are 4 inches below our annual average.
- North Reservoir is @ 60MG, usable storage-60MG.
- South Pond is @ 6MG, usable storage- 6MG

### 2) **Town project reports:** *(See attached Project Update Report dated June 2021)*

#### **Distribution System:**

The Public Works Director reported the following:

- He has been reviewing the bid documents from Pare Corporation for the painting of the water tower.
- Letters have been sent out to the cell providers notifying each of the project and that provisions must be made for managing the antenna and as of this date only one provider (Verizon) has responded and that he met with them at the site to discuss.
- It will take some time to work with all of the providers and we may have to postpone the project until next year, as painting can only be done up till October.

Brief discussion followed regarding the logistics on the relocation of the existing antennas and the placement of a new cell tower at the North end of the island.

Following clarification on a few additional items, it was the consensus of the Commission to accept the Public Works Director's report.

### 3) **Consumer Confidence Report** for Calendar Year 2020

The Public Works Director stated that this report goes out annually with the Water and Sewer Bills and it gives an overview of all of the data for the year 2020 and that it shows that the Town meets all of the requirements.

### 4) Public Works Director's Report dated 06-15-21 re: East Shore Road/Seaview Avenue water line extension applications *(See attached report dated 06-15-21)*

The Public Works Director stated that he has provided a written report to the Commission to answer some of the questions pertaining to the 5 applications for water line extension to East Shore Road/Seaview Avenue. He then asked Commission President Beye how she would like to handle discussion. Commission President Beye stated that she would like to hear from each of the applicant's and she also acknowledged the communication dated 06-04-21 to the Town Council from Richard A. Boren Esq., Savage Law Partners re: application of Christina Paolino (applicant) and Joseph Paolino (owner) (Plat 7 Lot 86, 68 East Shore Road).

## LETTERS AND COMMUNICATIONS

- 1) Copy of Letter dated 06-04-21 to the Town Council from Richard A. Boren Esq., Savage Law Partners re: application of **Christina Paolino (applicant) and Joseph Paolino (owner) (Plat 7 Lot 86, 68 East Shore Road) for water line extension**

Communication previously acknowledged by Commission President Beye.

## UNFINISHED BUSINESS

- 1) Review, Discussion and/or Action and/or Vote on the application of **Christina Paolino (applicant) and Joseph Paolino (owner) (Plat 7 Lot 86, 68 East Shore Road) for water line extension**

Christina Paolino of 68 East Shore Road stated that she would like Mr. Boren, her attorney to speak on her behalf.

Richard A. Boren Esq., from Savage Law Partners stated that his client Ms. Paolino meet with the Board/Commission on May 17<sup>th</sup>. Follow that meeting Ms. Paolino asked him to review the Comprehensive Plan. He stated that he was a member of the Jamestown Zoning Board of Review and that he has many years of experience with these types of matters and if the Board had any questions, he would be happy to answer them. Brief discussion ensued regarding ground water in the Jamestown Shores.

Commission President Beye asked if a representative for the application of Glen and Marjorie Andreoni (owners) (Plat 7 Lot 34, 10 Seaview Avenue) would like to speak.

- 2) Review, Discussion and/or Action and/or Vote on the application of **Glen and Marjorie Andreoni (owners) (Plat 7 Lot 34, 10 Seaview Avenue) for water line extension**

Mr. Andreoni stated that he spoke at the meeting in May and did not want to be redundant.

- 3) Review, Discussion and/or Action and/or Vote on the application of **John and Julie Shekarchi (owners) (Plat 7 Lot 88, 20 Seaview Avenue) for water line extension**

John Shekarchi of 20 Seaview Avenue stated that he is experiencing the same issues at Ms. Paolino with intermittent loss of water and that this property is now on its third well. Mr. Shekarchi stated that he is willing to pay for a water extension along with Ms. Paolino and the rest of the group.

Commission President Beye stated that there were two new applicants before the Board and asked if they would like to speak on their applications.

## NEW BUSINESS

- 1) Review, Discussion and/or Action and/or Vote on the application of **Sandra Nardolillo (owner) for Plat 7 Lot 90, 72 East Shore Road, for water line extension**

David Nardolillo co-owner of 72 East Shore Road stated the following:

- His property is in between Ms. Paolino and Mr. Andreoni.
- He missed the application deadline last month.
- He has lived in Jamestown for 31 years.

- The new town water treatment filtration system can get an additional 25,000 gallons more a day. At 115 gallons per a day, per a bedroom, this could supply an additional 75 homes to the system.
- The water quality and quantity in the southern area of East Shore Road is poor.
- The Town has a big important decision to make and needs to think about the health and well-being of its residents and requested that the Board consider their application.

2) Review, Discussion and/or Action and/or Vote on the application of **Jeffrey and Debby Saletin (owners) for Plat 7 Lot 135, 14 Seaview Avenue for water line extension**

Jeffrey Saletin of 14 Seaview Avenue stated the following:

- His house is one house north of Mr. Andreoni's.
- He is on his second well and has changed his pumps which help somewhat.
- He has had RI Analytical do testing and he has a lot of fluoride and sodium in his water.
- He thinks that his application is consistent with the Comprehensive Plan.
- This is a real matter of the health and well-being of the residents and requested that the Board consider their application.

The Public Works Director stated that last year he and the Town Administrator met with the applicants to hear the problems that they are experiencing. At that time, they outlined the regulations of the Urban and Rural District and stated that the applicants must come before the Board for consideration. The Public Works Director briefly outlined his report dated 06-15-21 (*see attached report*) and stated that he wanted to provide the Commission with the details of the water supply, details of the build out scenario and a clearer understanding of the regulations.

Commission President Beye thanked the Public Works Director for his report and asked if the Commission had any additional comments regarding the applications.

Commissioner Randall White thanked everyone for a civilized and productive discussion. He stated that it was very informative to hear from Ms. DiMeglio (Paolino) and her experts and also the Andreoni's, Shekarchi's, Nardollio's and the Saletins. Commissioner Randall White briefly outlined the rules and regulations of the Board of Water and Sewer Commissioners, specifically Section 14B which states that service connections are prohibited in the Rural District and the Commission's responsibility to maintain the water system for those currently on the system and to those in the Urban District. The Commission needs to protect this supply. Commissioner Randall White stated that people in the Urban District receive service by right and people in the Rural District do not. Commissioner Randall White further stated that the Commission has a standard and if the Commission moves forward with approval, they would have to ignore the standard and that this can not be ignored. Commissioner Randall White stated that the applications must fail, as they do not meet the standard and that a lot of work needs to be done, before the Commission can go forward with such a request.

Commissioner Brine stated that he appreciated Commissioner Randall White's comments and agrees that as the Town Council their responsibility is to the whole town, but the Town Council sitting as the Board of Water and Sewer Commissioners their responsibility is to the water and sewer customers. Commissioner Brine asked the Public Works Director for clarification regarding what has been done to increase the water supply. The Public Works Director briefly outlined the projects done over the years.

Commissioner Brine asked if any of the applicants had investigated having water trucked in. Ms. Paolino stated that she had investigated this matter and that the RIDOH stated that this is not a permanent solution.

Commissioner Michael White agreed with Commissioner Randall White and Commissioner Brine and stated that it is the responsibility of the Commission to provide safe water for their customers, specifically those currently on the system and to those in the Urban District. Service connection requests in the Rural District are required by application to the Board and extension of service connections in the Rural District are prohibited.

Commission President Beye stated that discussion has gone on for two hours, she has reviewed all of the documents and that a vote needs to be taken on each of the applications.

**UNFINISHED BUSINESS cont.**

- 1) Review, Discussion and/or Action and/or Vote on the application of **Christina Paolino (applicant) and Joseph Paolino (owner) (Plat 7 Lot 86, 68 East Shore Road) for water line extension**

Motion was made by Commissioner Randall White, seconded by Commissioner Michael White to reject the application of Christina Paolino (applicant) and Joseph Paolino (owner) (Plat 7 Lot 86, 68 East Shore Road) for water line extension. Vote: President Beye, Aye; Commissioner Brine, Aye; Commissioner Michael White, Aye; Commissioner Randall White, Aye

- 2) Review, Discussion and/or Action and/or Vote on the application of **Glen and Marjorie Andreoni (owners) (Plat 7 Lot 34, 10 Seaview Avenue) for water line extension**

Motion was made by Commissioner Randall White, seconded by Commissioner Michael White to reject the application of Glen and Marjorie Andreoni (owners) (Plat 7 Lot 34, 10 Seaview Avenue) for water line extension. Vote: President Beye, Aye; Commissioner Brine, Aye; Commissioner Michael White, Aye; Commissioner Randall White, Aye

- 3) Review, Discussion and/or Action and/or Vote on the application of **John and Julie Shekarchi (owners) (Plat 7 Lot 88, 20 Seaview Avenue) for water line extension**

Motion was made by Commissioner Randall White, seconded by Commissioner Michael White to reject the application of John and Julie Shekarchi (owners) (Plat 7 Lot 88, 20 Seaview Avenue) for water line extension. Vote: President Beye, Aye; Commissioner Brine, Aye; Commissioner Michael White, Aye; Commissioner Randall White, Aye

**NEW BUSINESS cont.**

- 1) Review, Discussion and/or Action and/or Vote on the application of **Sandra Nardolillo (owner) for Plat 7 Lot 90, 72 East Shore Road, for water line extension**

Motion was made by Commissioner Randall White, seconded by Commissioner Michael White to reject the application of Sandra Nardolillo (owner) for Plat 7 Lot 90, 72 East Shore Road, for water line extension. Vote: President Beye, Aye; Commissioner Brine, Aye; Commissioner Michael White, Aye; Commissioner Randall White, Aye

- 2) Review, Discussion and/or Action and/or Vote on the application of **Jeffrey and Debby Saletin (owners) for Plat 7 Lot 135, 14 Seaview Avenue for water line extension**

Motion was made by Commissioner Randall White, seconded by Commissioner Michael White to reject the application of Jeffrey and Debby Saletin (owners) for Plat 7 Lot 135, 14 Seaview Avenue for water line extension. Vote: President Beye, Aye; Commissioner Brine, Aye; Commissioner Michael White, Aye; Commissioner Randall White, Aye

## ADJOURNMENT

Motion was made by Commissioner Michael White, seconded by Commissioner Brine to adjourn the meeting of the Jamestown Town Council sitting as the Board of Water and Sewer Commissioners at 8:26 PM. Vote: President Beye, Aye; Commissioner Brine, Aye; Commissioner Michael White, Aye; Commissioner Randall White, Aye

Attest:

Denise Jennings  
Water and Sewer Clerk

## Project Update June 2021

### WELLS

JR-1, JR-3

- JR-1 is currently in service. The well pumps water at a rate of 50 gpm directly into the transmission main feeding the water plant from the reservoir.

### TREATMENT PLANT

- The water department staff continue to collect monthly samples from North Kingstown Water at their Saunderstown Water storage tank for analytical testing. The results will be used to evaluate whether introduction of water from the NK system could affect corrosion control in the Jamestown distribution system as required by the RIDOH. We are waiting for RIDOH to respond to our request for a meeting to discuss our study and to review sample results that have been received to this point.

### TRANSFER PUMPING/RESERVOIR

- The region continues to experience “dry” conditions due to lower than average rainfall. We are 3.9 inches below our annual average through May. Both of the reservoirs are full and spilling over.

### DISTRIBUTION SYSTEM

South Pond @ 6 MG

Usable Storage, 6 Million Gallons

North Pond @ 60 MG

Usable Storage 60 Million Gallons

- I have been reviewing the bid documents for painting the water tower from Pare Corporation. I sent letters to the cell carriers notifying each of the project and that provisions must be made for managing the antenna for the safety of personnel painting the tower. Only one has responded to date.
- Staff has installed a temporary line in Fort Getty to service the campground. There is an extensive network of distribution main in fort getty in and around the campground. We have been investigating a potential leak in the system that cannot be located since the water may be entering drainage piping beneath the ground. The campground will run on this temporary line for the season so that we are not losing water to the Bay. We will install a new pipe during the off season.
- RIDEM is hiring an engineer to design a replacement distribution pipe to service Beavertail State Park. They have advertised a request for qualifications for an engineer.

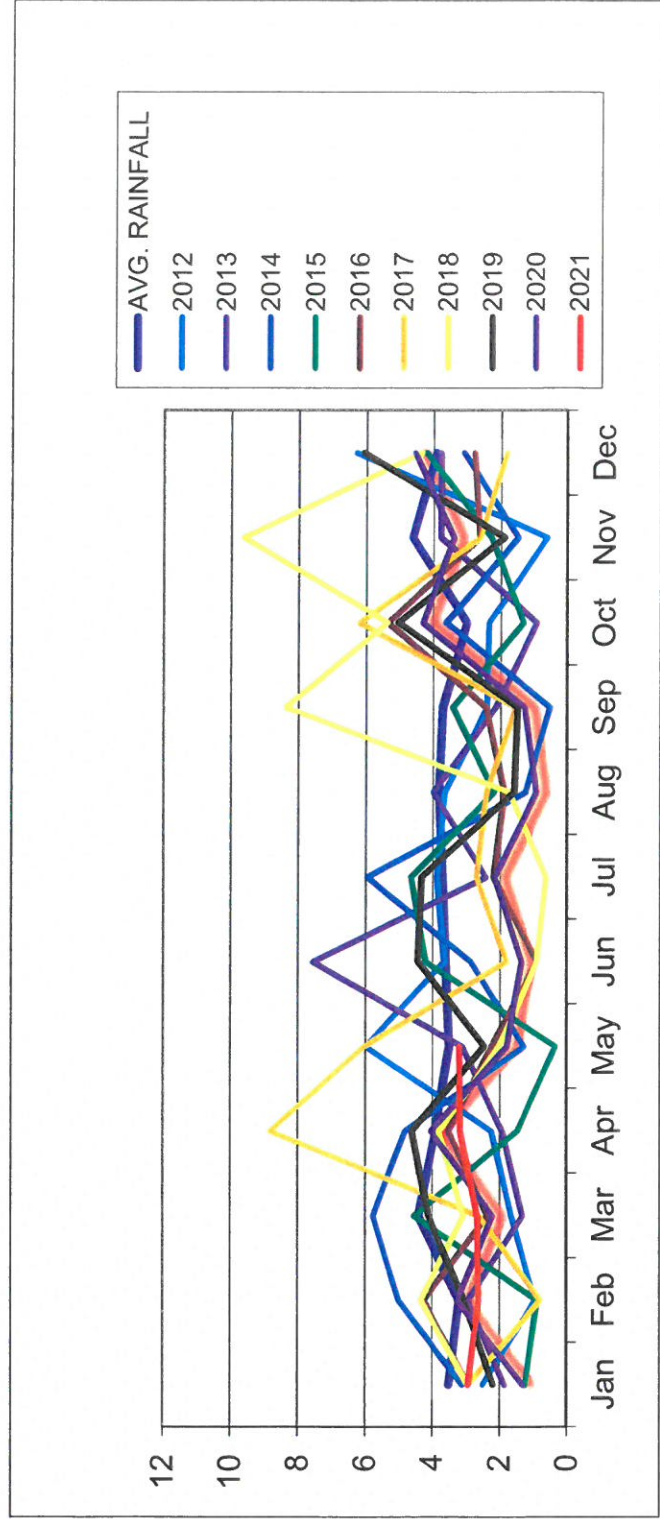
### WASTEWATER TREATMENT PLANT

- The monthly average daily flow at the treatment plant for May was 0.23 million gallons per day. The monthly average allowed by our discharge permit is 0.73 million gallons per day. The peak daily flow was 0.34 million gallons. There were no sanitary sewer overflows for the month of May but we did experience a major blockage in our system on Southwest Avenue. The blockage was cleared by wastewater staff using our sewer jet.



	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Jan	3.5	1.85	3.1	1.22	2.94	2.94	2.94	2.19	1.3	2.94
Feb	3.2	2.94	4.98	0.86	4.25	0.76	4.33	3.06	3.26	2.62
Mar	4.4	1.32	5.74	4.53	2.36	2.62	3.07	4.11	2.21	2.66
Apr	3.9	1.92	4.8	1.47	3.53	8.8	3.79	4.61	4.03	3.18
May	3.5	3.11	1.27	0.32	2.24	6.03	2.03	2.46	1.79	3.2
Jun	3.6	7.55	2.86	4.2	0.89	1.79	0.89	4.44	1.36	18.5 avg
Jul	3.7	2.42	5.93	4.63	2.19	2.7	0.61	4.33	2.16	
Aug	3.8	3.98	1.23	2.17	1.88	2.4	1.73	1.58	0.91	
Sep	3.7	2.13	0.5	3.41	2.42	1.54	8.35	1.49	1.27	
Oct	3	0.9	3.61	1.31	5.33	6.18	5.34	5.04	4.29	
Nov	4.6	3.76	1.47	2.27	2.63	2.61	9.61	1.89	3.39	
Dec	3.9	3.76	3.1	4.2	2.79	1.81	4.33	6.09	4.53	
Total	44.8	35.64	38.59	30.59	33.45	40.18	47.02	41.29	30.5	14.6

## RAINFALL

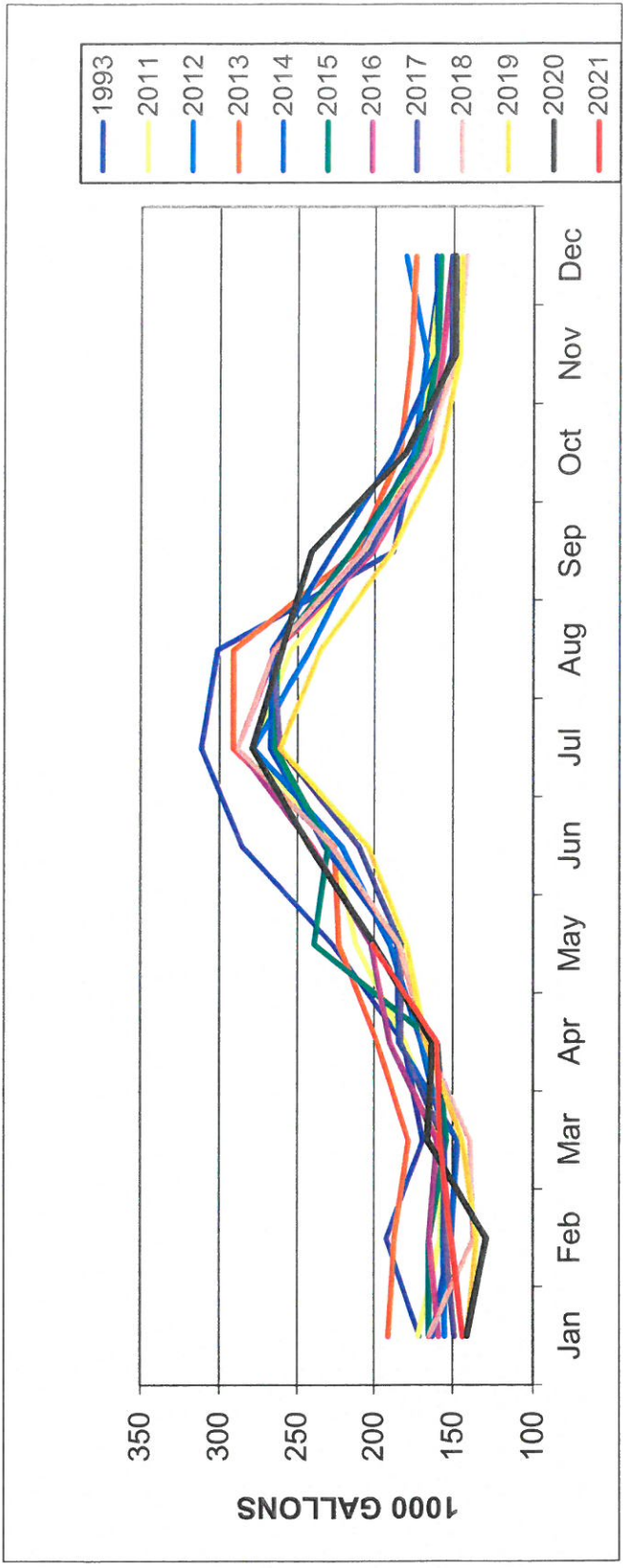




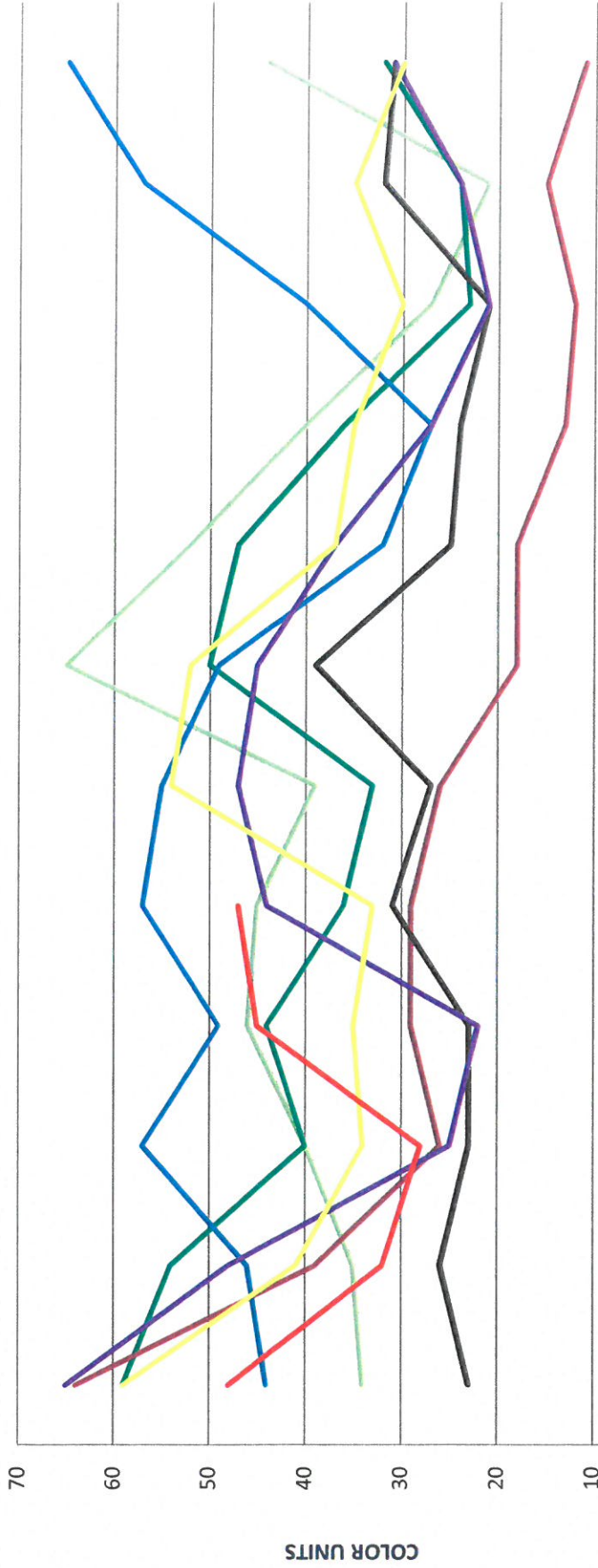


	1993	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Jan	171	172	173	239	172	155	191	163	165	159	149	165	141	141	144
Feb	192	154	173	210	158	156	187	151	165	165	155	137	135	129	151
Mar	169	155	165	198	157	155	178	147	154	160	156	139	144	166	158
Apr	181	174	196	210	180	170	198	184	160	190	183	167	167	163	160
May	227	202	195	180	212	190	223	185	239	202	183	184	179	200	201
Jun	285	246	215	218	226	221	226	232	230	240	210	227	204	242	
Jul	311	296	277	274	279	278	291	267	264	288	261	288	261	279	
Aug	301	256	290	251	254	242	291	266	263	264	266	265	235	260	
Sep	188	210	245	193	205	210	212	227	215	201	203	208	189	241	
Oct	175	187	259	182	175	175	184	187	172	166	170	168	158	180	
Nov	166	175	226	160	164	167	177	160	160	157	151	148	146	149	
Dec	158	192	230	167	158	180	174	161	158	151	151	142	145	149	

**PUMPING REPORT**



# Transfer Pumping NORTH POND WATER QUALITY



	1	2	3	4	5	6	7	8	9	10	11	12
2014	34	35	40	46	45	39	65	52	40	27	21	44
2015	59	54	40	44	36	33	50	47	36	23	24	32
2016	64	39	26	29	29	26	18	18	13	12	15	11
2017	23	26	23	23	31	27	39	25	24	21	32	31
2018	44	46	57	49	57	55	49	32	27	40	57	65
2019	65	48	25	22	44	47	45	37	27	21	24	31
2020	59	41	34	35	33	54	52	37	35	30	35	30
2021	48	32	28	45	47							



TOWN OF JAMESTOWN WWTF  
MONTHLY REPORT  
MAY 2021

Douglas Ouellette, Superintendent

## Parameters

	<u>Monthly Avr.</u>	<u>Permit Limit</u>	<u>Notes</u>
Flow	.2227 MGD	.73 MGD	
Daily Max	.3380 MGD		
BOD Removal	99.5%	85%	% Removed
TSS Removal	99.2%	85%	% Removed
Fecal Coliform	1.05	No limit, report only	
Enterococci	1.0	(<35 cfu/100ml Monthly) (<276 cfu/100ml Daily)	

## Environmental Compliance (Violations)

There were no violations to report for May.

## Complaints

There were 2 complaints received for May 2021. 5/10/21 Sewage in basement 30 Southwest Ave. Blockage in street. Jetted street to clear blockage. 5/13/21 Slow running sewer 6 Winsor. Checked manhole and discovered blockage. Jetted street to clear blockage.

## Alarms

There are no alarms to report for May.

## Septage

The facility received 3000 gallons for May.



## **Sludge Production**

The facility processed 81000 gallons of sludge through Wastewater Services Incorporated.

## **Maintenance Management**

Removed grease and cleaned wet well at station #4. Tested new Gen Set at station #4. Nason's Plumbing & Heating completed installing new heaters in the work bay. The facility started pumping effluent to golf course, new manhole cover and ring for 2-43 on Southwest Ave has been ordered. 70 work orders were completed for the month.

## **Chemical Use**

The facility used 293.7 gallons of Sodium hypochlorite and 100 pounds of lime for process control.

## **Collection System**

31 pump station inspections were completed. All stations are operating as designed.

## **Energy Use**

Energy use for May 2021 was: 201.0 Kwh

## **Precipitation**

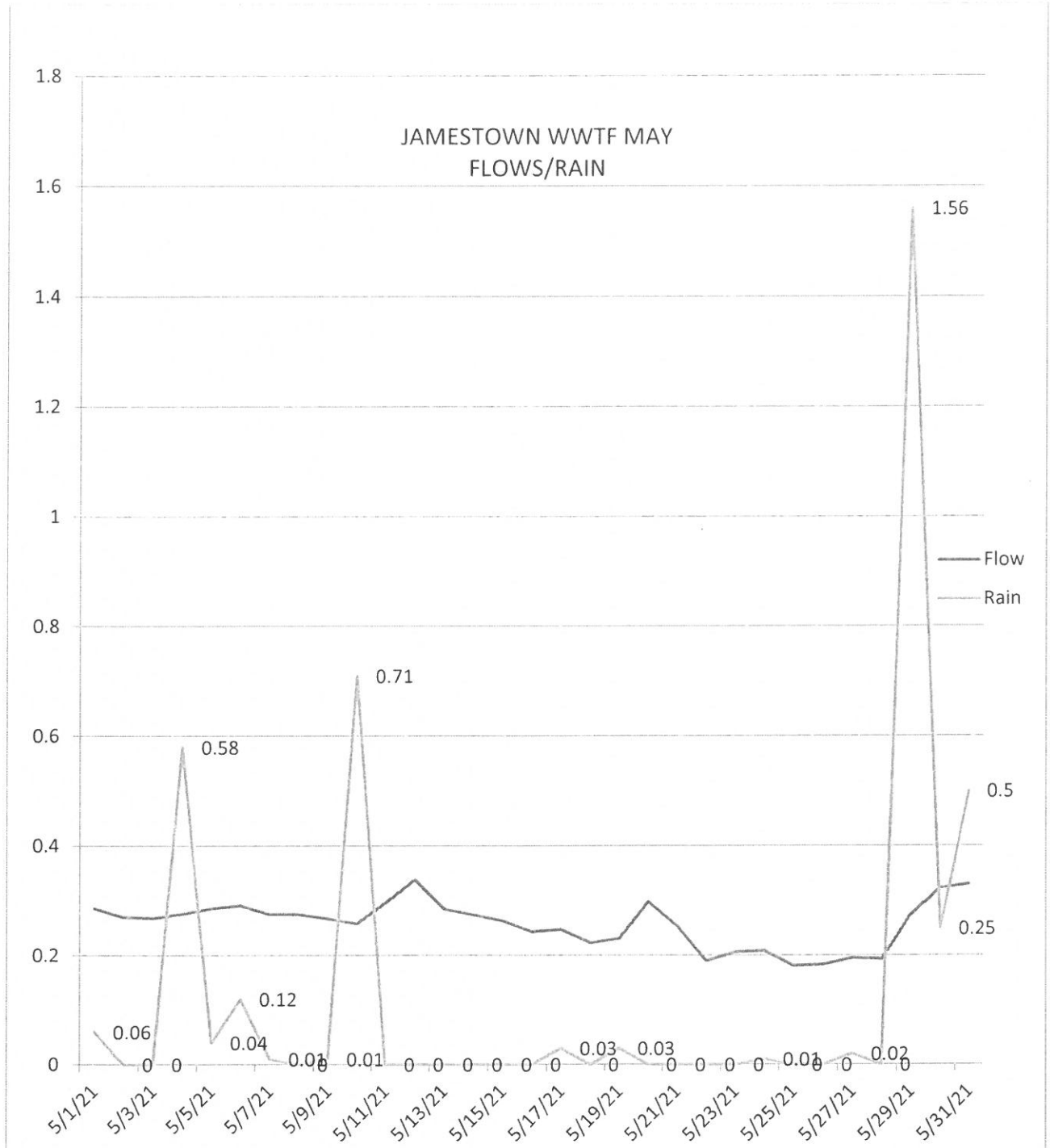
Precipitation for May was 3.93"

## **Golf Course**

Pumped 1.084 MG gallons to course. Provided water for 13 days. Golf course operator requested water to be shut off on 6-5-21



# Graphs



**Town of  
Jamestown, Rhode Island**

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PO Box 377  
Jamestown, RI 02835-1509  
Phone: (401) 423-7220  
Fax: (401) 423-7229



**Date:** June 15, 2021

**To:** Board of Water and Sewer Commissioners

**From:** Michael Gray  
Public Works Director

**RE:** Water Extension Application  
East Shore Road

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We have received a total of 5 applications for water services that will require an extension of the 8" watermain within East Shore Road in the Rural Water District. The following applications have been received:

1. Christina Paolino, 68 East Shore Road
2. Glenn and Marjorie Andreoni, 10 Seaview Avenue
3. John and Julie Shekarchi, 20 Seaview Avenue
4. Sandra Nardolillo 72 East Shore Road
5. Jeffrey and Debby Saletin 14 Seaview Avenue

I have attached a figure showing the location of the five lots requesting water service and the extension of the watermain in East Shore Road.

In May there were questions relative to the build-out projections for the district and available water supply. Based on the Water Supply Management Plan in 2016 there were 3,184 existing residential water customers on the water system. The buildout analysis completed by the Town of Jamestown in 2000 projected that an additional 223 dwelling units could be connected to the Town water system within the existing district at full-buildout. Using an average of 2.38 persons/household the number of customers is 3,589 at full build-out.

Lisa Bryer, the Town Planner, and I reviewed the 2014 comprehensive community plan update to determine the water system build-out to compare with the water supply management plan projections. Based on the comprehensive plan, 273 potential new units could be added to the municipal water system. This number includes vacant lots, sub dividable properties, and affordable housing units. The comprehensive plan also

includes both the urban district and lots within the rural district south of Hamilton Avenue and on Beavertail where watermain exist today. Based on these projections an additional 625 new residents could be added to the water system using 2.29 persons per household. The Comprehensive Plan study projected more units than the original 2000 study but the increase in population is less than the original 2.38 persons per household based upon updated census data at that time. Using the 2014 comprehensive plan update there will be a total of 3,809 customers at full build out. Today in 2021 there are 3,242 residential water customers on the system.

Since 2014 there have been 32 new dwelling units built in the urban water district and one accessory family dwelling unit based on building permit records. Therefore 241 units remain of the total build-out scenario for both urban and rural (south of Hamilton Ave) districts using the comprehensive plan estimate.

The per capita average day demand in the water district is 41 gallons/per person. Presently the average day demand for the entire water system is 152,000 gallons per day (GPD). Based on the additional 241 units there could be an additional 551 customers for full build out adding a demand of 22,591 GPD to our water system, increasing the total to 174,591 for the average day demand. Extensions north on East Shore Road have not been included in any of the build-out projections. One application was received in the past for an extension on East Shore Road but it was denied by the Commission.

I have attached a figure showing the Seaview Avenue neighborhood with the number of bedrooms indicated for each dwelling to determine the total daily demand for a watermain extension. RIDEM regulations estimate daily flows for single family dwellings at 2 people per bedroom with 115 GPD per bedroom unit. The average consumption for Jamestown water is 41 GPD per person and the census data is 2.29 people per household. Using the RIDEM estimates for two people per bedroom is more conservative in determining the total average daily demand for this exercise.

The total daily water use for just the 5 applications received is 1725 GPD using DEM water use estimates and 1230 GPD using the average for Jamestown with 2 per bedroom. If all 24 households were to connect to an extension around Seaview Avenue, the demand would increase to a total of 8,740 GPD using DEM water use estimates or 6,232 GPD using the average for Jamestown.

## **SAFE YIELD**

Safe Yield is that maintainable yield of water from a surface or ground water source or sources which is available continuously during projected future conditions, including a repetition of the most severe drought of record, without creating undesirable effects. The safe yield study performed in 2000 modeled the two reservoir systems in Jamestown based upon the drought of record that occurred in RI in the 1960s to determine the daily estimate of our supply.

The Safe Yield for North Pond is 185,000 gallons per day based upon the study conducted in 2000. South Pond can provide 100,000 gallons per day but unfortunately transferring water to North Pond can only be used when South Pond is spilling over. During the peak summer season and into the fall, South Pond does not spill over so water cannot be transferred. Therefore, this additional source is not reliable for estimating our safe yield capacity. Well JR-1 can provide an additional 50,000 gallons per day when in use. During drought conditions the well pump must be monitored for the level of water in the well. The well pump is turned off when the groundwater level reaches the pump elevation in the well.

## **CONCLUSION**

To determine the safe yield of a water source the study is based on projected future conditions that include a repeat of the most severe drought of record experienced. This period for RI was through the 1960s and not the drought conditions that caused the reservoir to go dry in 1993. Since 1993 well JR-1 was placed on line and we now have the ability to transfer water from South Pond to North Pond. Both have added to our overall supply but they are not reliable in determining the overall safe yield of the system. The monthly trending reports that I provide to the commission indicate that our average day demand is above our safe yield for approximately 5-6 months every year during our peak season. Daily averages can also exceed 350,000 gallons per day on weekends during the summer. When you factor in the remaining 6 months outside of the peak season the average day demand is 152,000 GPD for the year.

We cannot predict what the build out scenario will look like for Jamestown or when that may occur. Future demands on the water system are based upon lots available for development and estimates on housing units. What is not included are increases due to changes in commercial uses or the addition of accessory units beyond the projected number of 25 in the comprehensive plan for build out. As of this year only 1 accessory unit has been built based upon the building permit records.

It is our responsibility to manage our water resources to ensure an adequate supply to accommodate present and future needs for our community within the water district. These assets are owned and paid for by the customers within the district. Extensions are prohibited in the rural district by our regulations. In the past the commission has allowed an extension in the rural areas south of Hamilton Avenue and Beavertail when it has improved the quality or quantity of water furnished to existing water uses as allowed by regulation.

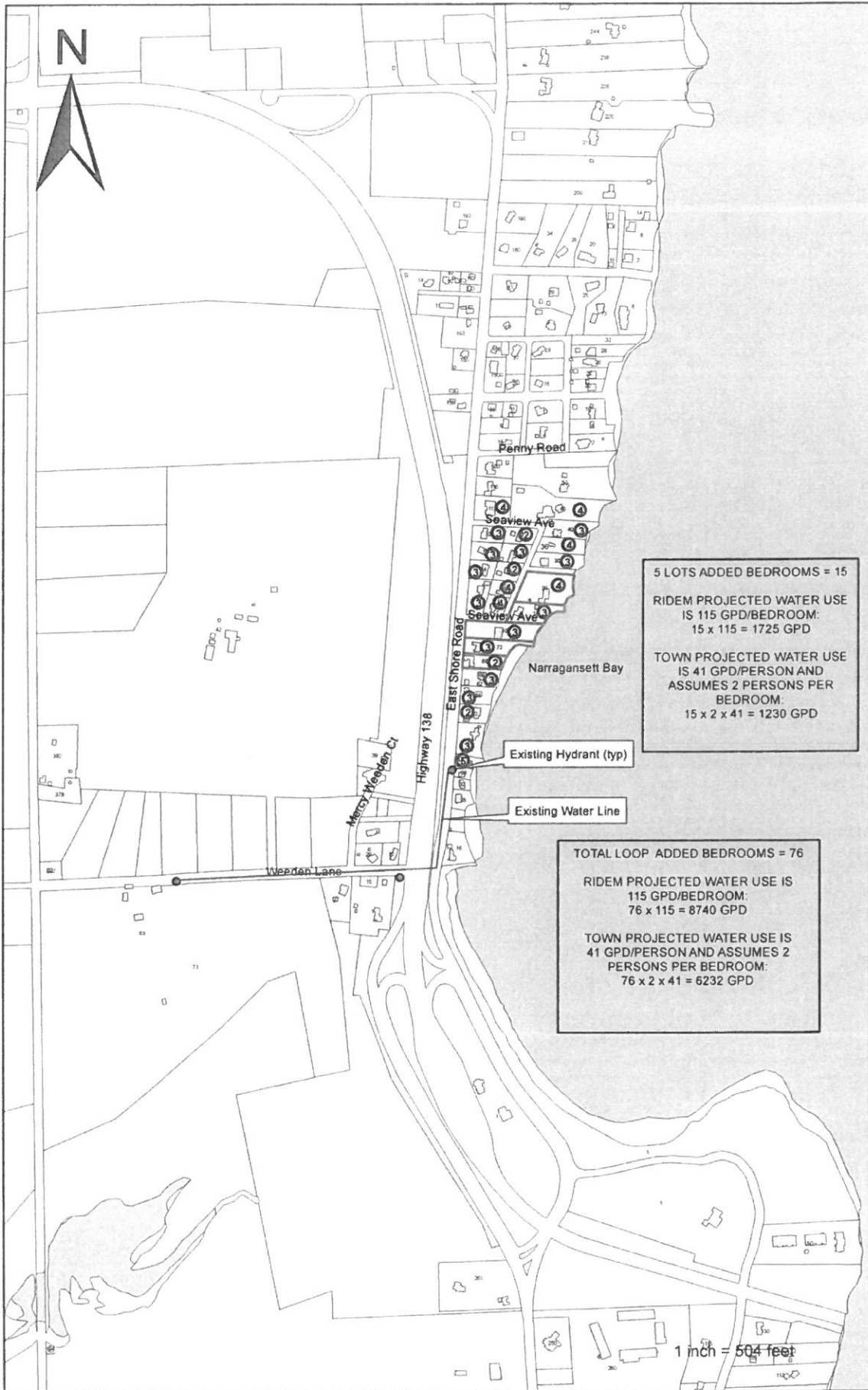
The applicants make a compelling argument for their need to connect to the water system. They have provided testimony that their wells do not produce sufficient water to support the dwelling and that the water quality is now impacted by salt water intrusion.

Jamestown Shores residents have been experiencing the same conditions over the years and have been able to manage the issues of groundwater quality and quantity with

technology and increasing storage. The reports provided by Christina Paolino for 68 East Shore Road in support of the application states that there are no alternatives available for a new well and that treatment is not an option due to the poor water quality onsite. Applications received from 10 Seaview, 20 Seaview, 14 Seaview, and 72 East Shore Road do not have the supporting documentation for each of their wells but all owners state that they experience the same problems of salt water intrusion and lack of available water during periods of the year.

If the Commission is planning to provide additional water to the rural district we must do a more in depth study to determine where water mains will be allowed and how the water is managed for future growth in the community. The Comprehensive community plan build out analysis projected 85 vacant lots (100 units), 40 sub-dividable properties (88 units), and 85 units of affordable housing for the 273 potential new units in both the Urban and Rural districts on the water system but not East Shore Road. Past Commissions have not approved extensions on East Shore Road fearful that the main would creep north as one property after another apply with similar onsite issues with wells. I cannot predict how far this main will go north if allowed but we must assume there are others experiencing difficulty. In the past year I have been contacted by property owners on Highland Drive as well, to determine the feasibility of water extensions in that neighborhood.

The homeowners that have applied will want an answer to determine the direction they must take to get potable water. The commission will need to weigh making decisions for new connections now knowing that there will be denial for development somewhere in the district in the future. Water resources are finite and must be available continuously without creating undesirable effects for all uses that are on the system in the future.

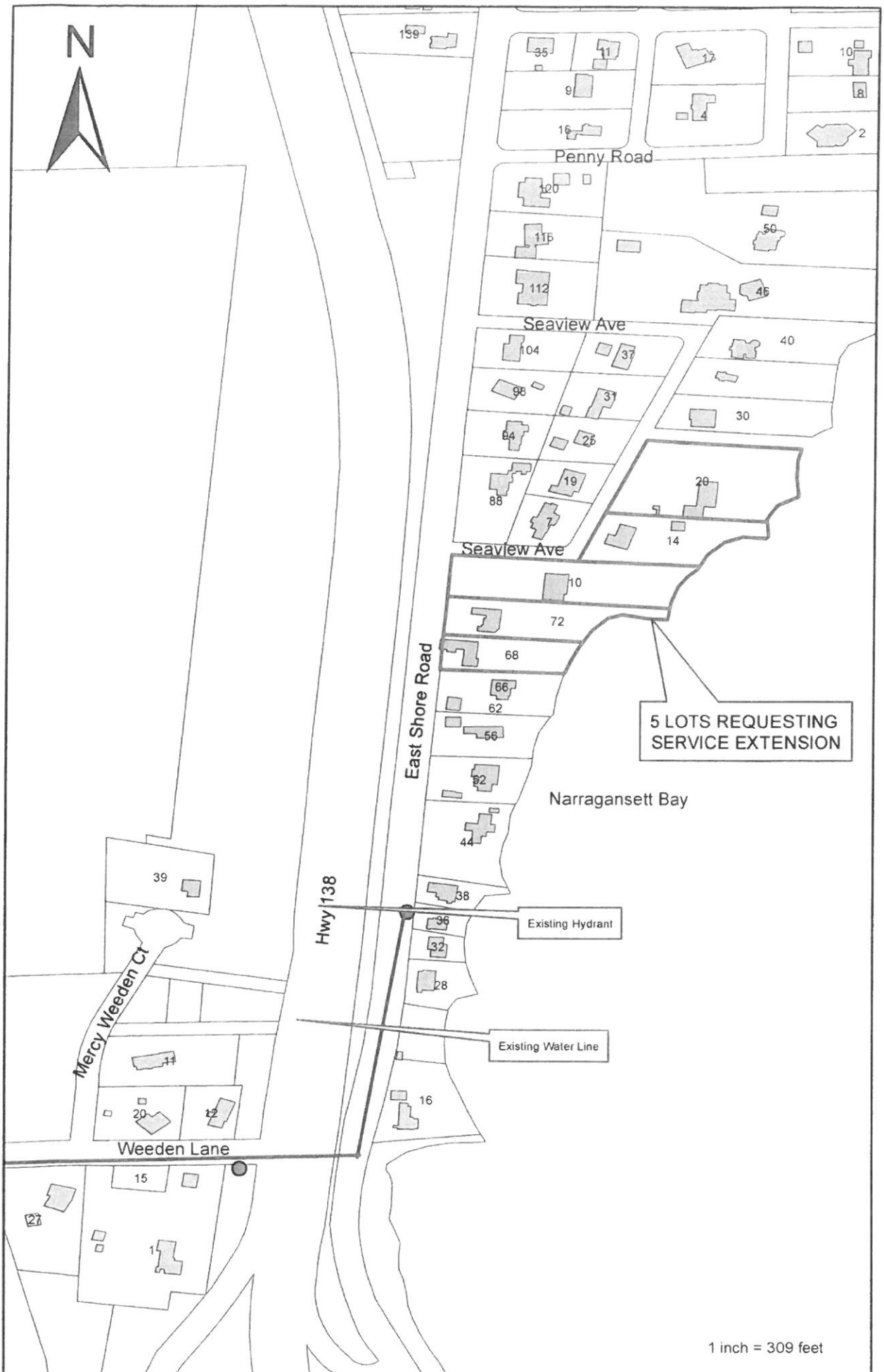


5 LOTS ADDED BEDROOMS = 15  
 RIDEM PROJECTED WATER USE  
 IS 115 GPD/BEDROOM:  
 15 x 115 = 1725 GPD  
 TOWN PROJECTED WATER USE  
 IS 41 GPD/PERSON AND  
 ASSUMES 2 PERSONS PER  
 BEDROOM:  
 15 x 2 x 41 = 1230 GPD

TOTAL LOOP ADDED BEDROOMS = 76  
 RIDEM PROJECTED WATER USE IS  
 115 GPD/BEDROOM:  
 76 x 115 = 8740 GPD  
 TOWN PROJECTED WATER USE IS  
 41 GPD/PERSON AND ASSUMES 2  
 PERSONS PER BEDROOM:  
 76 x 2 x 41 = 6232 GPD

1 inch = 504 feet





5 LOTS REQUESTING SERVICE EXTENSION

Existing Hydrant

Existing Water Line

1 inch = 309 feet