

**Board of Public Works  
Meeting Minutes**

**Date: August 24, 2020****Time: 6:00 p.m.****Place: Town Hall****Hearing Room 3      Zoom Meeting****In attendance for all or part of the meeting were the following:**

John Cusick	Chairman
Dave Carriere	Vice Chairman
Robert Shaughnessy	Member – <i>not present</i>
Shawn Patterson	Superintendent
Rod Procaccino	Town Engineer
Paul Tomkavage	Project Manager/Engineer
Bill Kerrigan	Marshfield Yacht Club
Ann Marie Sacchetti	Board of Public Works Secretary

The meeting convened at 6:07 p.m.

John Cusick **motioned** to open the meeting and reviewed the agenda which included (2) appointments, action items, items for discussion and Superintendent's report.

**Seconded** by Dave Carriere.

**Roll Call Vote:**      Dave Carriere    yes      John Cusick    yes

**Unanimous**

**Appointments:**

**6:15 p.m.**      Ed Tirabassi / 44 13<sup>th</sup> Road / Water Issue      *Did not attend the meeting*

**6:30 p.m.**      Bill Kerrigan / Marshfield Yacht Club

Mr. Kerrigan was zoom present. He requested to meet with the Board in regard to South River Dredging. He previously had a conversation with Shawn Patterson on the storage of dredged material from the Club's boat basin. He indicated that the Club has received all of the applicable Local, State and Federal approvals to dredge approximately 8,800 c.y. of material from the 1.56 acre boat basin located at 11 Ridge Road. Approximately 7,300 c.y. of material has been approved for beach nourishment by the applicable Agencies. The remaining 1,500 c.y. of material was determined by MassDEP Wetlands & Waterways to be too fine in texture and was not compatible for beach nourishment at certain locations.

In June 2015, Club officials met with the Board of Public Works to request permission to (1) place dredge material deemed suitable for beach nourishment on Rexhame Beach and 2) dispose of dredge material deemed unsuitable for beach nourishment at the Town's upland disposal site off Joseph Driebeek Way in Brant Rock. But, at that time, they did not have all permits in place. As of this time they do and hope to begin dredging in early October. They would like to propose bringing the spoils to Clay Pit Road for storage and reimburse the Town when they move it for use as needed to certain locations. Dave indicated that we would have to obtain permitting in order to move it. John Cusick took exception to storage on Joseph Driebeek Way. One reason being that it is within a zone 2 restricted area. The 7,300 c.y. is suitable to be used at Rexhame Beach. Dave suggested for Bill to meet with him and the Town Engineer when he is available. Dave will touch base with Conservation and Planning to see if there is a way for us to piggy back on the permits they have and then carry

forward without a new permitting process, otherwise we do not want to incur that expense. John indicated that the 1,500 c.y. needs to be addressed. Mr. Kerrigan indicated they wanted to use Joseph Driebeek Way. As previously stated, John Cusick objected to that. Mr. Kerrigan did not have an alternate plan for those spoils at this time.

Dave indicated that he would be available on 9/2/2020. He will contact them for a meeting once the Town Engineer and the Conservation agent are available to discuss the issue.

**I. Action Items:**

i. Approval of Meeting Minutes for: June 22, 2020 / Open & Executive Session

**MOTION:** John Cusick motioned to accept Executive Session meeting minutes of June 22, 2020.

**Seconded:** Dave Carriere

**Roll Call Vote:** Dave Carriere yes John Cusick yes

**Unanimous**

**MOTION:** John Cusick motioned to accept Open Session meeting minutes of June 22, 2020.

**Seconded:** Dave Carriere

**Roll Call Vote:** Dave Carriere yes John Cusick yes

**Unanimous**

ii. Abatement Review / Aunt Lizzies Lane

Shawn Patterson addressed the issue. In February the applicant applied for an abatement due to high water usage indicated on his water bill. It was determined that there was an issue with the water meter which has now been replaced. As a result, based on the meter findings, a 30% reduction on the bill was advised.

**MOTION:** John Cusick motioned to reduce the charge by 30%.

**Seconded:** Dave Carriere

**Roll Call Vote:** Dave Carriere yes John Cusick yes

**Unanimous**

iii. New Septage Hauler License Approval

**MOTION:** John Cusick motioned to approve the Septage Hauler Permit for Bay State Sewage Disposal Inc. for 2020 and to authorize the Chairman to execute the permit as approved.

**Seconded:** Dave Carriere

**Roll Call Vote:** Dave Carriere yes John Cusick yes

**Unanimous**

iv. Contract Award FY2020-01 / WWTF Residuals Transportation & Disposal

Paul Tomkavage was present and provided details of the contract. Scope of work; to provide transportation and disposal services for the sludge generated at the Marshfield Wastewater Treatment Facility. The only bid received was from Waste Water Services, Inc. Staff recommends award of this contract to Waste Water Services, Inc. They are the incumbent contractor and have served us very well for a number of years. Their prices relative to the expiring contract are up about 14% due to higher transportation costs (truck driver wages) and higher disposal costs (merchant sludge plants: Cranston, RI with Upper Blackstone in MA as backup).

**MOTION:** Dave Carriere motioned to award Contract No. 2021-01, Wastewater Treatment Facility Residuals Transportation and Disposal Agreement, to Waste Water Services, Inc. at the Year 1 rates of \$0.0600 per gallon for transportation, \$350.00 per dry ton for disposal, with 2.5% increase for Year 2, and to authorize the Chairman or designated member to execute the contract documents when they have been prepared.

**Seconded:** John Cusick

**Roll Call Vote:** Dave Carriere yes John Cusick yes

**Unanimous**

v. Landfill Concerns / Letter to Town Administrator

Dave Carriere drafted a letter to the Town Administrator regarding the Landfill. The letter reads as follows:

The DPW has engaged Weston and Sampson for monitoring the closed landfill since September of 1997 through our most recent sample round of May this year for the purpose of periodically evaluating water quality at the landfill and for landfill gas migration beyond the landfill.

In general contaminant concentrations in ground water have been declining since monitoring began at the landfill. However, Dioxane was listed in the most recent report as a potential concern. The levels detected appear to be consistent but the chemical is a drinking water concern.

In general landfill gas detection has been consistent for gas concentrations and to date methane and hydrogen sulfide have not been detected in gas monitoring. Non methane volatile organic compounds have been detected but are generally stable or gradually declining.

The concern the DPW Staff and the BPW have is that when the Photovoltaic generation system is installed on the landfill cap the added weight of the PV array will increase compressive force on the cap and also any wind and snow load effect and that may result in reversing the declining and/or stable trend currently documented in the monitoring reports. The contaminants in ground water and/or landfill gases could potentially reach levels where remedial action becomes necessary. There is language in the Solar Photovoltaic System agreement in 3.1.1 © but it refers to a “material adverse impact” and we are concerned that is not specific enough to address our concerns.

We request this concern be addressed with our legal and technical consultants and the language in 3.1.1 © revised to provide remedy for the eventuality of contamination migration beyond the landfill.

He had a brief discussion with Town Administrator who mentioned that both our counsel and the counsel for the special consultant we have, feels as though this language is strong enough.

We can have something specific added as we want. John Cusick stated that there is a concern for the weight that will be added and the possible negative impact it may cause. Paul Tomkavage indicated that DEP may require more frequent, (monthly) cap inspections.

Dave will add the approval of the BPW and disseminate the letter.

vi. Superintendent Re-Organization Plan/Confirm & Ratify

Shawn Patterson addressed the issue. He indicated that as the Departments new Interim Superintendent he would like to make some additional Interim upgrades to assist him with making the Department grow and to continue moving forward. The positions are already funded and we are not looking for additional funding. Shawn provided Board members with a list of the personnel changes.

Board members approved of the upgrades and indicated they are appropriate changes. Dave noted that this all falls within our authority as indicated in the Town Charter.

**MOTION:** Dave Carriere motioned to endorse the Superintendent's interim plan for the Administration of the Department of Public Works.

**Seconded:** John Cusick

**Roll Call Vote:** Dave Carriere yes John Cusick yes

**Unanimous**

vii. Recommendation FY2021 Water/Sewer/Solid Waste Rates

Rod Procaccino addressed the Water rates. He presented (2) scenarios. **Scenario #1:** 4% Increase in (\$13) FY21 and increase rate in out years by 15% in FY22 and FY23 to show surplus. **Scenario #2:** 10% increase (\$33) FY21 and increase rate in out years by 10% in FY22 and 7% in FY23 to show surplus. Rod gave the background on how he arrived at the scenarios including spread sheets. He recommends **Scenario #2**; increase in Commercial, Residential and out of Town Water Rate for FY2021 by 10%.

Sewer rates: Rod presented **(1) Scenario:** 0% increase (\$) in rate for FY2021 – increase in out years to show surplus. He recommends the Sewer Rate to remain unchanged. Out of Town Sewer Rate is based on contract agreement with Duxbury (Contracts require update).

Rod stated that 3 years ago we provided a contract to the Town of Scituate in regard to the water we sell to them and they still have not responded. In that contract we proposed a 4% increase on an annual basis. There has been no response. So they are being charged 10%, the same as charged to our residents.

**MOTION:** Dave Carriere motioned to recommend for **Water:** Scenario #2 which results in a 10% increase in FY2021 for Commercial, Residential and out of Town Water use. **Sewer** rate remains unchanged. Out of Town Sewer Rate is based on contract agreement with Duxbury.

**Seconded:** John Cusick

**Roll Call Vote:** Dave Carriere yes John Cusick yes

**Unanimous**

Paul Tomkavage addressed the Solid Waste rate. He presented (3) scenarios. All scenarios use the latest numbers regarding collection rate (87.5), number of residential accounts, abatements, revenues and charges including the current recycling market cost. **Scenario #1:** the current rate is held for FY21 using retained earnings to insulate ratepayers from program costs. The rate is raised 11% p \$400 for FY2022, then steps up at 5% annually. **Scenario #2:** the current rate is raised 11% to \$400 for FY2021 and increased gradually at about 3% thereafter. This begins recovery of program costs from ratepayers. **Scenario #3:** splitting the difference: the current rates is raised 5.5% to \$380 fir FY2021 and increased gradually at about 4% thereafter. Paul recommends to raise the residential rate to \$400 as an initial step to support the program's costs which would provide the most stable outlook. An alternative with more ratepayer support is to split the difference and raise the rate to \$380.

Paul indicated that this was a difficult year beginning with the Republic Strike.

Board members are in favor of Scenario #3.

**MOTION:** Dave Carriere motioned to recommend Scenario #3 which increases the Solid Waste Rate change to \$380 for FY2021.

**Seconded:** John Cusick

**Roll Call Vote:** Dave Carriere yes John Cusick yes

**Unanimous**

## II. Discussion

### i. Update on 965 Plain Street: New DPW Facility

Dave Carriere gave an update. We are looking at upgrading lighting to more efficient lighting. He received 2 proposals. Hi-Voltage Associates was the lowest bidder. He recommends Hi-Voltage to perform the upgrade. Board members agreed with Dave's recommendation. He will authorize the Superintendent to proceed to award to Hi-Voltage.

## III. Superintendents Report:

### Shawn's updates

There are many projects on-going.

Plymouth Ave. & Ocean Street drainage started today.

Updates going forward with 965 Plain Street.

Bulldozer Contract 2018-15 Third Year Extension

**MOTION:** John Cusick motioned that the qualified bidder, Wayne Lopes Grading of Marshfield, be awarded Contract 2018-15 in the amount of \$120.00/hr and authorize the Chairman of the Board of Public Works, or designee to execute the contract.

**Seconded:** Dave Carriere

**Roll Call Vote:** Dave Carriere yes John Cusick yes

**Unanimous**

Dedicated Staff is working with the Town Clerk helping with early voting.

Cemetery project is on-going.

The next meeting will be on September 14, 2020.

At this time John Cusick **motioned** to adjourn.

**Seconded:** by Dave Carriere

**Roll Call Vote:** Dave Carriere yes John Cusick yes

The open meeting of the Board of Public Works for August 24, 2020 adjourned at 7:45 p.m.

Respectfully Submitted,  
Ann Marie Sacchetti,  
Board of Public Works Secretary