

Mattapoisett River Valley Water District Commission
May 14, 2019

The Mattapoisett River Valley Water District Commission met on Tuesday, May 14, 2019 at 4:30 p.m. at the Fairhaven Board of Public Works, 5 Arsene Street, Fairhaven, MA.

In attendance:

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| Town of Fairhaven | Jeff Furtado | term expires: 5/2019 |
| | Vincent Furtado | term expires: 5/2019 |
| | Mark Rees | term expires: 5/2019 |

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| Town of Marion | David Pierce | term expires: 6/2021 |
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| Town of Mattapoisett | William Nicholson | term expires: 4/2020 |
| | Paul Silva, Treasurer | term expires: 4/2021 |
| | Henri Renauld | term expires: 4/2019 |

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| Town of Rochester | Laurell J. Farinon | term expires: 4/2021 |
| | Rick Charon | term expires 4/2021 |

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| Others in attendance were: | Patrick O'Neale | Tata & Howard |
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| Absent members included: | Jeffrey Eldridge | term expires: 4/2021 |
| | Johnathan Henry | term expires: 6/2021 |
| | Randy Parker | term expires: 6/2021 |

Chairman Pierce called the meeting of the MRVWDC to order at 4:55 p.m.

1. Presentation by Mr. Grant of Woodard & Curran

Mr. Renauld requested that the agenda item *6. Discuss Cyber Security Assessment Proposal by Woodard & Curran* be taken out of order and handled first. Mr. Vincent Furtado motioned to take up agenda item 6 first, Mr. Renauld seconded, all in favor.

Mr. Renauld introduced Mr. Grant of Woodard & Curran, who explained that the MRVWDC requested a proposal for an audit of the SCADA system for the water treatment facility and 14 remotes. He explained that as the activity around SCADA malware and ransomware spiked quite a bit, he has been working with clients to look at reasonable plan to improve security. They will do an audit and look at the facility on paper, training programs and the security currently in place. They partner with Direct Defense, a company that has expertise in industrial control systems. Mr. Grant explained that an audit of the MRV facility will require a two day engagement on site, consisting of the following:

Day 1: They will look at the physical attributes and components of the plant, and do a non-invasive scan of the system to compare it to known vulnerabilities. They will meet with MRV stakeholders to assess how the system is used and accessed, and identify patterns.

Day 2. Remote sites (6-8) will be selected and they will look at efficiencies.

Mr. Grant explained that the assessment that they propose for the MRVWDC will comply with the requirements of the America's Water Infrastructure Act, which is administered by EPA. The end result of the assessment will be a report with electronic logs and data. Mr. Grant state that the estimate for the above work is \$26,650.

Discussion ensued about radio waves and their possible interception. Mr. Renauld reported that Bob Amaral is coming in on June 11, 2019 to review that newer Viper style radios. He further explained that he was in the process of looking at firmware. He commented that it is important to invest in the infrastructure we have. Mr. O'Neale asked about the time frame to complete the assessment: Mr. Grant responded that the total time frame would be 2-3 months.

Attorney Bailey recommended that the MRVWDC check with EPA to see their requirements for the expiration of reports, as sometimes they are stale after a certain date.

2. Acceptance of minutes of the April 9, 2019 meeting

Mr. Charon Rees motioned approval of the minutes of the April 9, 2019 meeting, Mr. Jeff Furtado seconded, all in favor.

3. Treasurer's Report

Treasurer Silva reported that the monthly invoice schedule totaled \$58,383.15, and EverSource bill in the amount of \$25,864.12, and capital was \$14,864.12.

Chairman Pierce suggested that the group vote on the proposal from Attorney Blair Stevenson Bailey to represent both the MRVWSPAC and MRVWDC, since our invoice schedule will include an invoice from Attorney Bailey. The MRVWDC has reviewed the April 30, 2019 letter proposal from Attorney Bailey. Attorney Bailey proposes a flat monthly fee of \$200 as a base compensation, including attendance at the monthly meetings of both committees regardless of the length of the respective meetings. This fee will be paid whether a meeting of either entity actually takes place in any month, but will be credited against any additional services that may occur in the month in question. Additional work will be billed at a rate of \$225 per hour.

Mr. Vincent Furtado motioned acceptance of the agreement, with the MRVWDC paying 75% of the \$200 rate, Mr. Jeff Furtado seconded, all in favor.

Invoices

Mattapoissett River Valley Water District
 Invoice Schedule Account #089-000-2992-0000

| | |
|--------------------------|------------------|
| Analytical Balance | \$ 75.00 |
| Analytical Balance | \$ 25.00 |
| Analytical Balance | \$ 275.00 |
| Sea Gas | \$ 676.03 |
| Eversource | \$ 51.34 |
| Eversource | \$ 27,372.29 |
| BAU/Hopkins | \$ 3,091.53 |
| Borden & Remington | \$ 11,905.00 |
| Town of Mattapoissett | \$ 3,600.00 |
| Town of Mattapoissett | \$ 107.96 |
| Shannon Chemical Corp. | \$ 5,994.60 |
| Analytical Balance Corp. | \$ 160.00 |
| KP Law, P.C. | \$ 912.00 |
| Verizon Wireless | \$ 80.98 |
| Mahoney's Building | \$ 19.88 |
| Mahoney's Building | \$ 14.45 |
| Mahoney's Building | \$ 15.34 |
| Hiller Fuels | \$ 920.33 |
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| Total | \$ 58,383.15 |
| Pelmar Engineering | \$ 14,631.53 |
| Verizon | \$ 229.89 |

Mr. Vincent Furtado motioned approval and payment of the above referenced invoice schedule as well as Attorney Bailey's invoice for \$150.00, Mr. Nicholson seconded, all in favor.

Treasurer Silva reported that it appears we will have a shortfall in the electricity and chemical line items, and he expects we may need \$50,000 from the reserve fund to cover budgeted items.

Mr. Rees commented that former Fairhaven Town Administrator and MRVWDC chairman was very good at procuring electricity. The group entered into an agreement for two years, which has since expired. Mr. Rees is

in the process of negotiating a new deal, and will include the district in the new agreement.

Mr. Rees motioned to encumber \$20,000 for legal bills and charge to the reserve account, Mr. Vincent Furtado seconded, all in favor.

4. Melanson Heath
Mr. Rees reported that he met with Melanson Heath and is awaiting an engagement letter. Mr. Rees motioned that the MRVWDC authorize Chairman Pierce to sign the engagement letter, Mr. Vincent Furtado seconded, all in favor.
5. ECA Net Metering Update
Mr. O’Neale reported that he has been pursuing ECA for an update. A crane fell and took down some power lines. He said that by May 20, 2019 they will announce a witness test date, followed by issuance of permission to operate. Mr. O’Neale provided the ECA with the agreement signed by Chairman Pierce, and there are still documents to be completed.
6. Vulnerability Assessment
Mr. Renauld reported that all wells are fenced except for wells 3 & 4: he will look into the cost of fencing those, but it is typically at least \$50 per foot.

Mr. O’Neale summarized that SCADA cyber security and risk resiliency need to be done.
7. 5 Year Capital Plan
The sub-committee will be meeting to add items and update plan.
8. MRV Agreement Section V. Water Supply Services and Limitations on Sales
Mr. O’Neale will meet with Mr. Renauld and Mr. Jeff Furtado to review Exhibit 4, as well as the new Marion DPW director. He will have costs to provide at the next meeting.
9. HUB Insurance Coverage
Mr. Nicholson distributed the renewal questionnaire and the group went through and completed the majority of the questions together.
10. Primaries Update
Mr. O’Neale reported that they have finalized everything. The Order of Conditions has been filed at the Registry of Deeds. The project will be put out to bid, and should be completed by the end of the summer. Mr. O’Neale will review the budget and report back to the MRVWDC.

11. Marion Water Committee to April 25, 2019 event to Discuss Regional Water Objectives

Mr. Pierce reported that the meeting was well attended, and they received positive feedback. The plan is to make it an annual event.

12. Operations Update

Mr. Renauld reported that the plant is running well and they are working on the pre-filters and stuck filter cartridges. Bo Hopkins was in on maintenance of the caustic pumps. R.E. Erickson completed certification on pH and CO2 probes which are calibrated once a year. There was a leak in caustic piping in pump 1, as well as a low lift pump failure. A new VFD is needed. Mr. Renauld commented that they usually give back money, but this has been an expensive year. Costs have arisen that they didn't foresee.

13. New Business

Mr. O'Neale reported that the MRV Water Treatment Plant was once again awarded the DEP Drinking Water Award. The group congratulated Mr. Renauld and his staff for their good work.

Mr. Jeff Furtado motioned to adjourn the meeting at 6:20 p.m., Mr. Renauld seconded, all in favor.