

**GRAY WATER DISTRICT  
TRUSTEES' MEETING  
January 28<sup>th</sup>, 2019**

Present: Bruce Sawyer, Joe Murray, Steve Dunn, Mike Lessard, Andrew Edson and Superintendent Jim Foster. Bruce called the meeting to order at 7:00 pm.

**Route 26A Groundwater Monitoring: GWD Round 23 May 2017:**

Bruce Fowler of Sevee & Maher Engineers was in attendance and presented data they compiled regarding the increase of salt in test wells. The data compilation included the following:

- MDOT Data – for Rt 26A monitoring wells
- Gray Water District Data – historic monitoring well data in the wellhead protection area
- Gray Water District Data from 2018 sampling of 6 area wells
- Gray Landfill Data – compile annually through Woodard and Curran, and
- True Value Hardware Data – from two wells they monitor to the east of the storefront

The data was presented graphic form in terms of:

- a compilation of time concentration graphs for wells in the wellhead protection area,
- a bubble plot of changes with time since 2007 in wells within the wellhead protection, and
- two cross-sectional profiles – one parallel and one perpendicular to the bypass.

The findings indicate that:

- Sodium is elevated everywhere there is a major road in the well head area.
- Sodium from the turnpike, the route 26 bypass, and route 26 all migrate to the district wells.
- Current sodium levels exceed State of Maine Secondary guidelines for sodium,
- Time concentration plot trends with time indicate that within roughly 5 years concentrations will exceed Federal drinking water standards. (MCLs),
- Salt sources at the District Offices were discussed and evaluated,
- The sodium from RT 26 and the turnpike remain at the same level that has been observed historically, and therefore, by deduction
- the increases are coming from the bypass.

We should aim to get all interested parties together again for a meeting in March. Jim and Bruce Fowler will meet with Steve Lavallee beforehand. Bruce Fowler is to contact and invite Mike Abbott of the Maine Drinking Water Program as well.

**Ian McCarthy of 68 Shaker Rd**

The Town is now saying they don't like the idea of us buying a portion of his land, which would result in the lot becoming a non-conforming lot. They are suggesting that instead of purchasing a portion of Mr. McCarthy's land we purchase an easement, possibly a conservation easement. Jim suggested that we invite Ian to the next meeting to discuss what he is thinking in regard to cost of purchase. Trustees discussed that we need to contact an appraiser experienced in such matters to help decide what the cost could be.

### **Superintendents Report:**

- a. AGM: 238.
- b. Bacteria tests were absent.
- c. Nothing new to report on the Andrew Hutchings service line. We are waiting to hear from them.
- d. GIS/GPS work is ongoing but field work has slowed due to weather. AI will be doing some manual entering of data for us.
- e. Village storm drain work by MDOT is scheduled for 2020, paving will happen then as well. It will create a big project for us too as we have very many valves there.
- f. The contracts for the new retirement plan should be in next week. It will be a 457 plan due to the kind of municipality we are. We will catch up payments once the plan is in place.
- g. 2017 Financial reports were handed out to Trustees.

### **Trustee Reports:**

Mike Lessard reviewed the 2017 report on Spring Meadows surface and ground water. They tested for pesticides, nitrates, ammonia, and basic testing. They are finding nitrates coming off the golf course. There were specific recommendations of no pesticides at hole's 12 and 13. Test results were absent for everything except nitrates. They do have a pond for ground water runoff and they are pumping about 4 million gallons seasonally. The pumping reduces the ground water level significantly during the busiest time for pumping from July through October.

### **Rate Case:**

Now that we have the financial completed we can get going on the rate case, with a possible date of July.

### **North Raymond Road MDOT Project STP-1876(600):**

We are working with Gorrill Palmer Engineers (GPE) to locate our main there. They have scheduled a company to come with down pointing radar. We are hopeful it will be successful.

### **Additions to the Agenda:**

There is a Capital Improvement Plan training session being put on by MRWA at the end of February. The office manager is to sign up Joe, Steve, and our new employee Bill to attend.

February meeting was scheduled for February 25<sup>th</sup>.

**Steve made a motion to adjourn at 8:56. Joe seconded, vote was unanimous.**

Respectfully submitted,

Sudiek Lester