

**TROY WATER AND SEWER COMMISSIONERS MEETING**

**June 16, 2022**

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**PRESENT: Bert Lang, Ben Drugg, Courtney Davis, Adam Hopkins, Tom Lambert, TJ Chasse (Selectmen Rep)**

**ABSENT: Carl Patten**

**Guest: Jon Warzocha (Horizon Engineering)**

**Meeting called to Order – Bert called the meeting to order at 5:19**

**Highway Barn Invoice** – Rhonda asked the Board if she could pay the invoice. Ben suggested at this time we wait.

**Jon Warzocha from Horizon Engineering** – Mr. Warzocha came before the Board to talk about any questions the Board may have regarding groundwater discharge as we are not meeting our NPDES permit levels on copper and ammonia. Mr. Warzocha asked when we last had our sludge removed (2005-2006). Vinnie from Granite State is going to work with us to do some sludge depths on a grid system.

Mr. Warzocha shared that if the Wastewater facility was able to do Rapid Infiltration Basins it takes you away from EPA's radar and you then fall under the state with a Groundwater Discharge Permit, the copper issue then goes away. Nitrates then becomes an issue as ammonia converts to nitrates, but usually with a big enough parcel is not an issue.

Mr. Warzocha shared that they would be looking for gravel sites. If they were able to find something would get permission from the land owner, try to work out a deal with them, do some drilling, load testing, measuring, and do a final design. This process usually takes two (2) to three (3) years. If the infiltration site is good it is the best deal. Recommendation would be to do 7 basins, run one (1) per day.

Ben asked Mr. Warzocha about the funding and cost of this type of upgrade. The funding sources are State Revolving Fund, USDA Rural Development of NH/VT (Due in Dec. Cost \$30,000 - \$50,000), Community Development Block Grant Jan/July. Cost of the project is going to be between 1.5 million to 2 million.

Mr. Warzocha explained that he is the CEO of Horizon's and Kathy Conway helps with the Funding. There are in the USDA and Community Development procurement engineering requirements.

The Board asked Mr. Warzocha what he would provide us with and a cost to get us started. Mr. Warzocha shared that he would provide the RFQ to put out to the other engineers. For a cost of \$5,000 or less he could do the first step, he will put a proposal together and send out for the Board to review. Mr. Warzocha shared that he works with DPC Engineering and a gentleman by the name of Justin Scully who may be able assist with some answers on what we can do now to help lower or copper and ammonia levels. He will ask Mr. Scully to attend the next meeting with him.

Mr. Warzocha also shared that if we were to move forward with the USDA Loan we would need to start by Sept 1 to have time to complete it in a timely manner as it is a long application to do.

**Discussed loop on Russell/Brook will start working on next week.**

**Ben nominated Adam Hopkins as Vice Chair, Courtney seconded, all in favor.**

**Adjournment** – Ben made motion for adjournment 7:19, Bert seconded, all in favor.

Respectfully submitted,

Rhonda Sheats,  
Office Manager, Water/Sewer Department