



## Louviers Water and Sanitation District

### Minutes of the Regular Meeting – February 11th, 2020

#### Board Members

Becca Connet  
Matt Collitt  
Ron Beane  
Andy Dunn  
Jake Kennedy

#### Audience:

The Usual Suspects  
Will Parker

#### Regular Board Meeting

I. Call to Order – The meeting was called to order at 18:36.

#### II. New Business and Open Items

- A. A. Overview of Master Plan (Bill Goetz - TST) – The Board Voted and Approved to start and present proposal and Initiate work with a 15k Cap.
- B. Approve Minutes from the January 14, 2020 Regular Board Meeting – Minutes Approve Unanimously.
- C. Disbursements the Board reviewed the Check Detail report presented by Director Connet in the amount of \$ 17,404.75 which includes check numbers 2988 to 3007, and a debit card transaction in the amount of \$82.00, Disbursements Approved Unanimously.
- D. Financial Report – Neil Schilling Presented the Financial Report. Approved Unanimously.
- E. Sewer Project Status
  - a. Construction Status – No Update
  - b. USDA Rural Development (RD) Status – Working Through Loan Application

#### III. Radium Solutions –

A. Alternatives provided by Will Parker – Will explained that CDPHE will not be patient forever and that we may need to consider short term solutions.

#### Rough Order of Magnitude Budget:

I need a full water analysis in order to design a system and generate a process projection but wanted to give you a couple budgets to play with. The amount of salt rejection can be increased or decreased based on system sizing and amount of energy applied.

25 GPM Containerized System w/ Remote Monitoring

\$150,000.00 +/-15%

0.55 kWh/m<sup>3</sup> for 750 mg/L TDS to 300 mg/L TDS (60% Salt and Radium Rejection)

98.5% Recovery (0.375 GPM waste stream)

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100 GPM Containerized System w/ Remote Monitoring  
\$200,000.00 +/-15%  
0.46 kWh/m<sup>3</sup> for 750 mg/L TDS to 300 mg/L TDS (60% Salt and Radium Rejection)  
98.5 Recovery (1.5 GPM waste stream)

We would still need to put down a pad, run electrical (480 VAC), tie into the piping, and do all of the startup but the total cost should be much less than IX. Wastewater will need to be pumped to your lagoon. Total costs should be less than \$500k, much better than Ion Exchange.

IV. Operations – See Report

VII. Board Member Discussion Items – Discussed the merits of getting renewable water.

VIII. Audience Participation – Jan Mentioned that there was a line item for Sterling Ranch on previous billings. This money left the District.

XI. Adjourn Meeting – 20:11

President: \_\_\_\_\_

Attest: \_\_\_\_\_