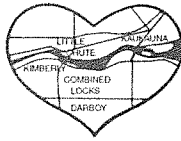


**DISTRICT DIRECTOR:**

Brian M. Helminger

**COMMISSIONERS:**David J. Casper, President  
Bruce M. Siebers, Vice-Pres.  
Patrick E. Hennessey, Secretary  
Kevin P. Coffey  
John W. Sundelius**SERVING:**Combined Locks  
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Kimberly  
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September 21, 2021

**To: Brian Van Straten, Outagamie County Recycling and Solid Waste  
Marty Sturzl, Foth Infrastructure and Environment, LLC****From: Brian Helminger, HOVMSD  
Chad Giackino, HOVMSD**

Re: Zoom Meeting Discussion / Foth Memo date 8/20/21

The Heart of the Valley Metropolitan Sewerage District (HOVMSD) Commission discussed the Foth memo at its most recent 9/14/21 meeting. This memo will summarize the discussion and the District's position moving forward in light of the most recent developments. In the most basic terms, the District's viewpoint remains unchanged as does the amount and trajectory of ammonia and BOD5 loadings on the treatment facility. The discharge and shear strength of the leachate uses a disproportionate amount of the plant's capacity and creates operational complexities for the District in its treatment.

The District is disappointed in the unresponsive nature of Xogen Technologies as their technology appeared that it would deliver an acceptable alternative to the discharge of raw untreated leachate to the Little Chute sanitary collection system. Significant time has now elapsed and the District urges Foth and OCRSWD to quickly pivot and engage providers of proven technology and equipment for its leachate application. Regardless of revised leachate output estimates, the need for pretreatment has not diminished and will not dissipate in the foreseeable future.

Leachate pretreatment with Xogen, as part of Option 2, that was selected as part of the East Central Regional Planning boundary and siting process, removes an estimated 70% of ammonia and 50% of the BOD concentration. The Foth memo indicates alternative treatment technology is available that will meet or beat the agreed upon removal thresholds. Foth and OCRSWD proposed and committed to the Xogen option and the District expects follow through and delivery on that commitment in a timely manner.

The Foth memo provides three options and a discussion of each for OCRSWD to investigate for future action. The District is not prepared to comment on these options as provided by its consultant. The District anticipates that whatever option or combination of options is acted upon, will at a minimum provide the agreed upon 70% reduction in ammonia and 50% reduction in BOD loads being discharged to HOVMSD. The District believes that OCRSWD should evaluate its options and implement a combination of any and all actions that are necessary to meet its leachate treatment obligations and comply with all other terms and conditions of both the Village of Little Chute and HOVMSD Sewer Use Ordinances.