

WORK-SESSION AGENDA

Monday June 5th, 2023 – **4:15pm**

I. WASTEWATER FACILITY PLANNING UPDATE (30Min Max)

Paul Saffert will provide the council an update on the options currently being evaluated.

II. FDA PRETREATMENT PLANNING (10-20Min)

FDA will provide an update on their planning process.

III. Council Question & Answer

If time allows there will be an opportunity for council questions.

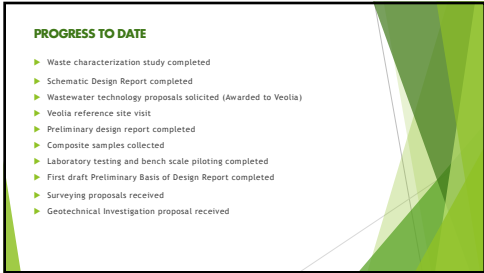
IV. Adjournment no later than 5:15pm

Attachments:

FDA Presentation



1



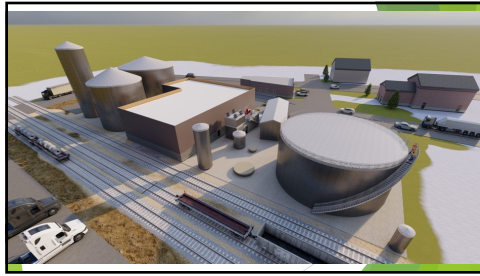
2



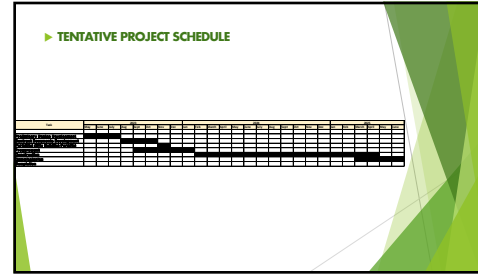
3



4



5



6

Benefits

- Ability to produce renewable energy from biogas production
 - Allows to meet parasitic energy demand of pretreatment plant
 - Thermal in the form of heat
 - Electrical energy
- Excess energy can be utilized by the cheese plant
- Solids produced will be dried as an animal meal

7

Summary

- Over the last year FDA has invested in pre-engineering development to solve existing discharge issues.
 - Comprehensive flow testing and waste characterization
 - To determine design parameters for a long-term solution
 - To identify any sources of high organic discharges that can be immediately addressed within the plant
- Authorized commencement of design of pre-treatment plant
- Historically FDA has invested heavily in city plant capital improvements
 - This was thought to improve plant to accommodate FDA's 2021 plant expansion

8