CITY OF TWO HARBORS
UTILITIES COMMITTEE
AGENDA

February 16, 2021

3:00 p.m. Call to order and roll call.

Old Business:

1) Brian Guldan re: WWTF Improvements

New Business:

1) Miranda re: CDB Wastewater Monitoring Utility Fees

Other:
AGENDA

1. **Attendees**

2. **Review of Decisions Made**
   a. Decisions made during January 8\textsuperscript{th} meeting
      i. Fence on entire west side to be concrete wall.
   b. Decisions made during January 20\textsuperscript{th} meeting
      i. Fence Style – Vertical members with small gaps and an industrial steel look
      ii. Dark color for fencing and concrete wall
      iii. No “pop outs” should be used at the site entrances
   c. Decisions made during February 3\textsuperscript{rd} meeting
      i. Fence Style – picketed Corten steel with some areas of solid plate steel with possible laser cut decorative figures or accents.
      ii. Style of concrete wall and columns to be ledge rock
      iii. Entrance Gates to be solid panel Corten with laser cuts. Gates will be manual swing gates with room for staff to enter/exit with only one side open.
      iv. Structural steel will not be used for aesthetics around tanks.
      v. Plantings - Plantings on the west side of the side should be included in the project. All other plantings will occur after the project by the City.

3. **Review of Decisions Yet to Be Made**
   a. Final fence layout
      i. Picketed/laser cut panel locations.
      ii. Laser cut decorations
      iii. Graffiti control on Corten
   b. Staging area to be utilized. Dan to provide update on discussions with adjacent property owners. Challenges to be considered are as follows.
      i. At a minimum, a construction easement will be required around the site for installation of the fence/wall.
      ii. The desired aesthetics for the site will be best achieved by partnering with the adjacent property owner for plantings outside of the City property line.
      iii. Significant cost savings will be available if the adjacent properties can be used for construction.
   c. Security Cameras – Does City have a current provider for security systems?
   d. Landscape plan for west side of site.

4. **Next meeting planned for TBD.**
Evergreen plantings, shrubs, and grasses will be planted on a berm along 3rd Street and strategically located to screen portions of the water treatment plant and soften the overall facade.

Concrete Wall and Decorative Fence

A mix of a concrete wall with columns and panels with a decorative fence will surround the perimeter of the water treatment plan. The following pages explore the materiality of these elements. The layout plan to the right illustrates where each element is located.

Legend
- 6' ht. concrete wall & columns
- 8' ht. concrete wall & columns
- 8' ht. Corten steel pickets
- 8' ht. Corten steel laser cut panels
- Corten steel laser cut panel swing gates
**SCREENING TECHNIQUES**

1. Berm
2. Plant Material
3. Concrete Wall & Decorative Fence

**SITE LAYOUT**

Evergreen plantings, shrubs, and grasses will be planted on a berm along 3rd Street and strategically located to screen portions of the water treatment plant and soften the overall facade.

**Concrete Wall and Decorative Fence**

A mix of a concrete wall with columns and panels with a decorative fence will surround the perimeter of the water treatment plant. The following pages explore the materiality of these elements. The layout plan to the right illustrates where each element is located.

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- 6’ ht. concrete wall & columns
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**WASTEWATER TREATMENT FACILITY**

[Page Footer]
8' Ht. Decorative Fence with Pickets

4" x 4" x 8' Corten steel post

3/8" x 2" Corten steel horizontal support

Cream-white concrete cap

Concrete veneer columns (to match local bridge abutment)

3/8" x 6" x 7.5' Corten steel picket

40' total between columns

WASTEWATER TREATMENT FACILITY | DECORATIVE FENCE 'A'
8' Ht. Decorative Fence with Panels

- 4" x 4" x 8' Corten steel post
- 8' x 4' Corten steel pane (can be laser cut)
- Cream-white concrete cap
- Concrete veneer columns (to match local bridge abutment)

40' total between columns
8' Ht. Screening Wall

Gray concrete cap
Concrete columns & wall panels to mimic North Shore ledge rock

40' total between columns
**Details - Final**

*Wastewater Monitoring Utility Fees*

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**Payment Due** $77,163.96