

# PUBLIC MEETING

City of Davenport, Iowa

Wednesday, May 4, 2022; 10:00 AM

Davenport Public Works | 1200 East 46th Street

## JOINT USE SYSTEM TECHNICAL COMMITTEE (JUSTC)

### I. Meeting Minutes from March 9, 2022

March 9, 2022 meeting minutes.

### II. Discussion Topics

#### 1. Flood Plan Update

- V&K is surveying
- Terracon has drilled core samples

#### 2. WPCP Asset Review

- CIP list
- O&M list

#### 3. Nutrient Study Review

- Provide Strand Associates with financial information

#### 4. UV Disinfection

- WEDECO Duron UV System
- Hydraulic issue with secondary effluent and effluent building
- Secondary effluent flow meter accuracy
- Purchasing new vapor phase units - estimate of \$91,000 per unit.
- Remaining issues with the system
  - Quartz sleeve assemble replacement
  - Complete punch list items

#### 5. WPC Plant Projects

- Tri City is scheduling blower controls replacement for after July 1, 2022
- Complete Struvite cleaning on digester #1 walls and bring it online
- Preparing for IAWEA's 100th Annual Conference

### III. Other Business

### IV. Adjourn

Next JUSTC Meeting: June 15, 2022 10:00 a.m. | Bettendorf Public Works, 4403 Devils Glen Road

City of Davenport

Department: Public Works - Admin  
Contact Info: Dan Miers | 563-326-7877

**Action / Date**  
**5/4/2022**

Subject:  
March 9, 2022 meeting minutes.

ATTACHMENTS:

Type	Description
▢ Backup Material	030922 Meeting Minutes

REVIEWERS:

Department	Reviewer	Action	Date
Public Works - Admin	Admin, Default	Approved	5/2/2022 - 8:18 AM

JOINT USE SYSTEM TECHNICAL COMMITTEE  
(JUSTC)

MINUTES

March 9, 2022 10:05AM meeting

Location: Riverdale City Hall

Attendance: Brent Morlok, Nicole Gleason, Clay Merritt, Dan Miers, Brian Schadt, Randy Wirtz, Kent Roister.

1. Minutes from January 19, 2022 Meeting
  - Reviewed – no comments
2. Flood Plan Update
  - V&K was selected as the Engineering Firm.
  - Clay is requesting Engineering approval from EDA.
  - V&K has proceeded with survey work.
  - Meeting schedule will be provided to the group with monthly updates.
3. WPC Plant Asset Management Plan
  - Brain and Dan have drafted a list of assets and began development of a spreadsheet tracking and sorting all assets by replacement life, project type, estimated budget. The plan will project cost from FY23 through FY34.
  - We will add a projected Master Plan for growth/plant expansion to the asset plan that can include nutrient removal
4. Nutrient Reduction Study
  - Randy Wirtz gave an overview of the Study
  - Nutrient Plan is due to the IDNR by June 30, 2022
  - We reviewed rate impacts, adjustment of rate impacts and discussed providing the information from the asset management plan when completed.
  - No additional capacity in the nutrient study
  - We will develop a Nutrient Plan time schedule based off the asset management plan and consent order.
5. UV Disinfection
  - WEDECO Duron UV System is operational
  - Remaining project issues
    - i. Quartz Sleeves assemblies are being replaced by WEDECO
    - ii. Cleaning frequency for the quartz sleeves
    - iii. Punch list items to complete the project
6. WPC Plant Projects
  - Tri City is re-scheduled blower control replacement after July 1, 2022.
  - Top End rebuild on Generator #1 scheduled for March 14, 2022
  - Preparing for IAWEA's 100<sup>th</sup> Annual Conference
  - Noted digester #1 lid travel and cleaning

- Digester #3, EIMCO draft tube 3-A is not transferring heat and needs cleaning, flushing and possibly replacement.
  - Vapor Phase units for each of the two generators exhaust discharge are plugged and will be removed. They will need to be replaced before next winter.
7. Other Business
- Annual Administrative Order report is due April 1, 2022
  - Brian Schadt requested information for the report by March 23, 2022
8. Adjourn at 11:20am
- Next JUSTC meeting, May 4, 2022, 10:00am at Davenport PW
  - Possible future tour of the new UV System