



PRINCETON  
DEPARTMENT OF INFRASTRUCTURE  
AND OPERATIONS  
**PRINCETON SEWER COMMITTEE**  
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**MINUTES OF THE MEETING**  
*of the*  
**PRINCETON SEWER COMMITTEE**

February 16, 2023

The meeting of the Princeton Sewer Committee (PSC) was convened at 9:00 a.m. on Wednesday, February 16, 2023 via Virtual Meeting/Zoom Conference. D. Goldfarb opened the meeting in accordance with the New Jersey Open Public Meetings Act, Section 5, Chapter 231, P.L. 275. In conformance with the requirements of the Law, Notice was provided of the date, time, and location of this regular meeting by posting a copy of the adopted Schedule of Regular Meetings in Monument Hall and Witherspoon Building and by mailing copies to the Trenton Times, Princeton Packet, Town Topics and by filing a copy in the Office of the Clerk of Princeton. Adequate notice was provided to the public and to all parties concerned.

**MEMBERS PRESENT:** David Goldfarb, Valerie Haynes, Eve Niedergang

**ALSO PRESENT:** Andrew Filippi, Sewer Design Engineer; Jeff Hughes, SOC Foreman; Dominick Itzi, Sewer Operations Manager; Janice Most, Secretary

**ABSENT:** Jim Purcell, Assistant Engineer;  
Deanna Stockton, Deputy Administrator/Engineer

**PUBLIC:**

**AMENDMENTS TO THE AGENDA**

No amendments to the Agenda.

**APPROVAL OF MINUTES**

V. Haynes moved to approve the October 12, 2022 Minutes as presented and the December 7, 2022 Minutes as amended. D. Goldfarb seconded. The Motion passed unanimously.

## **REORGANIZATION – Election of Officers 2023**

V. Haynes nominated D. Goldfarb to serve as Chair. E. Niedergang seconded.  
The Motion passed unanimously.

E. Niedergang nominated V. Haynes to serve as Vice Chair. D. Goldfarb seconded.  
The Motion passed unanimously.

D. Goldfarb nominated J. Most to serve as Secretary. E. Niedergang seconded.  
The Motion passed unanimously.

## **Trunk Line Rehabilitation Program**

A. Filippi stated that the Phase I report provided a starting place giving a sense of structural integrity of areas more prone to degradation and to tell where to do CCTV inspections and establish priorities. Carnegie Lake trunk line is deteriorated structurally, Mountain Lakes lines have issues. TV inspections are the next step. Princeton is working with H2M to put together a by-pass plan where concerns with inspection of trunk lines is more difficult and to handle equipment in high flow areas where equipment is more likely to get stuck. By-pass plan is necessary to have access to areas to give contractors exact locations.

Discussion: one contract for all aspects of inspections, by-pass plan, diversion (no flow in inspection site); sonar technology; laser scanning for cross section profiles; report was useful for focusing where TV work needs to be completed – especially in high erosion and corrosion areas; identified from the report: extraneous flow, root intrusion, structural defects; brick structures.

D. Goldfarb stated that a proposal was made to Mayor and Council that was endorsed concerning rehabilitation of the system. As more of the system is rehabilitated and maintained it is less likely that there is going to be extraneous flow.

Definitions:

Turbulence is hydrogen sulfide that has dissolved and becomes turbulent when aerated and becomes air borne leading to corrosion; in brick structures it eats away at the grout.

Insects is the indication of organic matter not getting flushed through the system.

Surcharge sign is when the water level rises above pipe level

Benches is the area to either side littered with debris

Discussion: solving issues upstream contributes to longer life of trunk lines; system is only optimized when the entire system is optimized; need to solve I/I issues or costs to trunk lines continue; investment should be in finding and removing I/I; focusing on pump stations and trunk lines as critical assets; moving forward need to balance pump stations and trunk lines.

A. Filippi stated that the Mini system 35 Bid will be out the week of February 20; then onto Mini System 36; sewer projects will be more aggressive during road construction projects.

### **Pump Station Design and Reconstruction Update**

D. Itzi stated that the Arcadis reports were received on February 15, 2023 and the SCADA platform will be used. DEP requires a comminutor or basket comminutor.

Discussion: a comminutor is a grinder that water flows through with two sets of blades that shreds solids for less accumulation of solids in the wet well.

D. Goldfarb questioned the current policy of residential garbage disposals. A. Filippi stated that residential garbage disposals are allowed; not allowed in commercial operations.

Discussion: there is no definitive answer of trash vs garbage disposal preferences; brief discussion of pros/cons of trash vs garbage disposal usage including composting.

### **Infiltration and Inflow (I&I Program)**

A. Filippi stated that Arcadis team, who designed Mini System 35 proposal, will focus primarily on flow metering from 2017-18-19 which will be the basis in determining what areas to focus on.

### **PUBLIC COMMENT**

No public comment.

### **OTHER**

D. Goldfarb stated that meeting frequency will be discussed at the next regularly scheduled meeting.

### **Meeting Schedule Changes**

Via consensus:

The next regularly scheduled March 1, 2023 meeting is cancelled.

The next meeting will be the regularly scheduled April 5, 2023.

**Adjourn**

At 9:40 a.m. V. Haynes moved to adjourn. E. Niedergang seconded.  
The Motion passed unanimously.

The next meeting is scheduled for April 5, 2023 at 9:00 a.m. via Virtual Meeting/Zoom.

Respectfully Submitted,

Janice Most, Secretary  
Princeton Sewer Committee

Adopted: April 5, 2023