

December 12, 2023 Meeting Notes

Flood Committee

Attendees: Donnie Bowen, Lauren Kabler, Carola Wilson, Elana Van Oudenaren, Tom Litke, Jay Loveless, Dave Damalouji, Stacy Milor, Bob Gray, Karen de Leon, Lavon.

Discussion Items

1. Status of 9th Street Pump Upgrade Project

- a.** Donnie reported that BayLand Consultants—the firm developing the project proposal—has received the necessary data for the control panel component of the project from the vendor and is working to complete a draft by year-end. A final proposal, including drawings and specifications, will then be produced with a target of sending out an RFP by the end of January. Funds for the proposal and the project are coming entirely from the Town budget.
- b.** Donnie noted several important items related to the project:
 - i.** The proposal calls for the installation of two submersible pumps (similar to the 5th Street system, manufactured by Flyte), each capable of producing 1,200 gallon-per-minute (GPM) outflow.
 - ii.** Donnie expressed confidence that the capability of the proposed pump tandem was sufficient for the new system. As evidence, he cited the prior weekend storm. In anticipation of heavy rainfall, the DPW crew set up the Town's mobile diesel pump—which has a 1,200 GPM rating—to supplement the current 9th Street pump operation. The storm brought nearly 3" of rain to the Town, but there was no flooding along the 9th Street corridor thanks to the mobile pump. The twin pump operation slated for the 9th Street pump station with twice the discharge capability should, therefore, be able to handle most rain storms.
 - iii.** The legacy pump in the 9th Street pump station has been in operation since 2002. The seal on the pump has eroded to the point where Donnie estimates the pump can only operate at one-third of its capability. In addition, the current piping system has been significantly worn by decades of pumping water mixed with sand. The damage is such that the proposal calls for an entirely new piping system. Donnie is researching the type of piping material that can best stand-up to a water-mixed-with-sand discharge.
 - iv.** As a side note, Donnie noted some interesting data recorded by the 5th Street pump station during the prior weekend storm. The new twin pump system operated for 13.5 hours during the storm, 30 minutes of which was at 100% capacity. The legacy pump at 5th Street, meanwhile, operated for 7.7 hours in conjunction with the new pumps during the storm. Based on these operating times, the estimated volume of

stormwater discharged at the 5th Street station that weekend was between 4.5 – 5 million gallons.

2. Updates on Grant Applications

- a.** Tom reported that an application for two \$100K grants had been submitted to the state agencies managing the Watershed Assistance Grant Program. The applications were submitted for projects slated for Greenwood Avenue (i.e., road elevation) and the Town parking lot on Bay Avenue near the new library (i.e., permeable parking surface).
- b.** Tom noted the applications included letters of support from residents and involved “nature-based solutions” for stormwater management.
- c.** To see the application, go to: [1. North Beach Appl Narrative- FY24 WAGP for BMPs Final\[5693\].pdf](#)
- d.** To see the details on the Watershed Assistance Grant Program, go to: [Watershed-Assistance-Grant-Program-RFP FY24-Final 7Sept23\[5692\].pdf](#)

