

SDIC Monthly Managers Report

6/6/2024

Infrastructure & Operations:

-I dewatered the Evans #3 and #4 sumps to visually inspect the intakes, propellers and diffuser housings. The cavitation damage on the #3 pump is bad and should be repaired, it has chewed all the way through the diffuser housing in one small spot. After rebuilding the #1 pump and seeing the full extent of the cavitation pitting after the diffuser housing was sand blasted. I feel it would be best to rebuild this pump now and hopefully avoid the added cost of externally wrapping the exterior of the diffuser housing to regain its structural integrity, similar to what had to be done during the pump #1 repairs. The #4 also shows cavitation damage, but not to the extent of the #3.

-We again used an excavator to remove the floating Pennywort mats from the ditch in front of the North Pump station. The boom log fence that was installed there last winter did a good job keeping the mats out of the intake screen and forced the mats to the side of the pump station where they were more easily removed. We also used the excavator to remove two beaver dams on the Smith ditch.

-Mechanized blackberry and small tree removal has begun. We started on several areas on the southern part of the perimeter levee near the marinas. These areas we were unable to finish due to weather last fall. After that is completed, they will move to the area around the North Tide gates to open it up to assist with culvert inspections later this summer.

-The trapper has had good success with Beaver and Nutria around the Smith Pump and the adjacent stretch of the Santosh Slough.

-The Evans and Santosh Sloughs water level is being maintained at 3.7-4.4'. Pumping has slowed with the season and there has been some drainage through the North Tide gates.

-Johnson, Smith, Sternberg, Hovan, Honeyman, Kessi, Cherry, and North pumping stations are operating at 1.5'-2.0' water level.

Infrastructure & Operations-Looking Ahead / Action Items:

-Toe Drain explorations at the Cherry Orchard Pump and Olsen Farm.

-Thru levee culvert inspections (North Tide Gates, Sub-Levee Sluice gates and South Tide Gates).

-Relief well testing

-Perimeter levee crest, landward slope, and riverward bench mowing scheduled for mid-June

Personnel:

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408's:

-The Heidelberg/Ellis gravel mine 408 is still moving through the process; it currently stands at the 60% submission level. After the most recent 408 meeting on March 22 the USACE has indicated that the project will need to complete a Risk Assessment Analysis. As part of this analysis, an independent third party will review the related permit materials. Heidelberg has asked the SDIC to submit any comments prior to this third-party review scheduled for early July. The SDIC board held a work session with our Consultants on 6/4/2024 to review the project to date and is currently compiling comments to submit by July 1.

Accreditation / LOMR:

-On April 25 we met with City and County staff regarding the progress of the LOMR. It appears that most the hesitation regarding the updated FIRM's has been relieved and both entities would like to move forward. The county believes that the process completed by Multnomah County for their updated FIRM's for Sauvie Island can be repeated. It also appears that the Business Oregon grant funding that was secured for the review of the maps by the City and County has enough funds in it to complete this

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process through FEMA. We are waiting on WEST to compile a final publishable version of the maps to present to the public; once this is completed the County will hold a public meeting to discuss the updated maps. Currently, I have not received any updates since the April 25 Meeting.

Best Practices:

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Rental Home:

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Legal:

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GM Action Items:

-Annual Assessment

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