

SDIC Monthly Managers Report

1/12/2023

Infrastructure:

- Evans Pump #1 repairs are still underway by our vendors. The pump and motor was removed and hauled in for repairs on Sept 14. Reed Electric has completed the rebuild of the motor and said they would store it in their shop until the pump is complete, so both can be installed at the same time. Bay Valve had to complete several repairs to balance the propeller, but those have been completed and hope to have the pump reassembled by the end of the week.
- The multiple holes in the Sternberg discharge pipe were repaired using rubber patches and a stainless-steel band.
- I was able to custom fabricate a rake for the Evans intake, allowing for the cleaning of the intake from the original top concrete walkway. This will allow us to move away from the catwalk system, and it can be removed. There are still a few minor changes to be made, but the new setup is much more user friendly and multiple times safer.

Operations:

- The major rain event on December 26 was one of the most intense I have seen since being at the SDIC. It required constant monitoring of interior drainage infrastructure. The large influx of water created several problems and exposed several issues.
 - The Jackson Creek diversion overtopped for about half a day, combined with the rain it exacerbated the back-up behind Columbia Ave, but the structure itself seemed to perform as designed.
 - The large influx of water dislodged large amounts of debris that plugged the Kessi pump station, an excavator was used to remove the large logs.
 - With the #2 Kessi pump operating and pumping against the high water behind Columbia Ave it revealed a leak in the discharge pipe near the back wall of the pump station.
 - The #2 pump at the Cherry Orchard pump station had to be manually operated for 24hrs (very untypical).
 - The windstorm toppled trees and knocked out power to the Hovan pump station, which was quickly restored.
 - The Johnson pump station experienced a large influx of weeds, this partially plugged the pump #2 intake which created a buoyancy scenario that snapped the retaining cables and allowed the intake to rise forcing the shutdown of the #2 pump, water is still very high in this sub basin.

-I was contacted by the USACE and have tentatively scheduled a "site visit" (formerly a routine inspection) for February 24, 2023.

-Evans pumps are set to auto float 3.7'-4.4'

-Cherry-North-Johnson-Smith-Sternberg-Kessi pumps are set to 1.5'-2.0'

-Honeyman Pump is off, by landowner request.

Infrastructure & Operations-Looking Ahead / Action Items:

-Reinstallation of the Evans #1 pump and motor.

-Securing the Johnson #2 intake using a rigid metal frame.

-Most mechanized field operations have been paused for the winter season, but non mechanized removal of small trees along the perimeter levee will continue.

-Clean-up of hazards found during levee mowing operations, mainly old fence, logs, rocks and car tires.

-Follow up inspection of the Rip Rap by boat or walking now that the vegetation has receded.

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

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Personnel:

- First draft of the employee handbook was completed.
- Field Operations Tech annual review was completed.

408's:

- Cadman Materials appears to have completed the geological borings approved in the single phase 408 for the proposed gravel mine on the Ellis property. I have not received any updates as to the progress of the larger 408 permit.

Accreditation / Lomar:

- Awaiting the City of Scappoose to complete their expanded Interior Drainage Analysis through WEST Consultants.
- On a side note-Multnomah County, Sauvie Island Drainage (SIDIC), Columbia County, WEST Consultants, and FEMA held a virtual meeting on November 9th to inform SIDIC members and the public about the final steps of their accreditation/Lomar process. Multnomah County has taken the lead on the project and created a page on their website that gives a good overview of the project and process, <https://www.multco.us/landuse/sauvie-island-flood-map-revisions> there is also a recording of the presentation. This could be very informative as we progress thru the same process.

Best Practices:

- Strategic Planning and SWOT analysis is progressing. The SDIC and SDAO completed the first phase special meeting/work session on November 29, 2022.

Scappoose Storm Water Master Plan:

- The city received its draft of the storm water master plan from their consultants shortly before Christmas, they are completing some internal follow up questions and plan to have an initial review during a Feb 6 public meeting. I am in the process of obtaining this draft for review.

Rental Home:

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Legal:

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Mercury/Temperature TMDL:

- The SDIC Willamette Basin Mercury TMDL plan was submitted, and receipt acknowledged on Sept 2. On 10/11/2022 I received some follow up questions to our plan before it can be deemed complete, but we were also given a 6-month extension from DEQ. I am in the process of responding to the follow up questions.
- On January 5 we received word from the Oregon DEQ that thru litigation they are to review and rewrite the Willamette Basin Temperature TMDL's that were completed some time ago. During this review process it could be possible that water conveyance entities (SDIC) could be dragged into the new TMDL's and must develop a plan like the Mercury TMDL. There is an informational webinar on Jan 31, with rule making advisory committees meeting shortly thereafter.

GM Action Items:

- Annual meeting preparation