

SDIC Monthly Managers Report

11/14/2024

Infrastructure & Field Operations:

- The Evans #3 pump and motor rebuild is moving forward. As I mentioned at the last meeting, but did not have in my report, I was able see the diffuser housing after it was disassembled and sand blasted. The cavitation damage is pretty bad and will need to be repaired with the Belzona compounds similar to the #1 pump, however it will not require the exterior structural rebuild.
- I completed the riverward levee toe, boat inspection. Everything appears to be in good shape and the areas we are monitoring don't appear to have progressed.
- I also completed the survey of the Santosh and Evans sloughs. The silting doesn't appear to have noticeably progressed since last year.
- The relief wells along Dike Rd were flow tested as per USACE requirements. The northern of the two wells could use some rehabilitation by removing the heavier sediment in the bottom. The top of the casing on the well also has some damage that should be repaired.
- We hydro jetted the sediment out of the culvert we exposed at what is thought to be the daylight terminus of the Olsen farm toe drain. Once the sediment was removed we could not locate the 10" concrete bell and spigot tile line that was supposed to be there according to the USACE as-built drawings. At this point I am not truly sure how to move forward, I plan to discuss this with the Corp because I know it is a rated item. I am guessing that this area will have to be a place to monitor on our emergency action plan similar to the Cherry Orchard toe drains, because like the Cherry Orchard toe drains, it's not a good idea to just go digging holes in the levee embankment to look for a drain that may or may not be there. I hope to know more after I meet with USACE next week.

Pumping and Water Control Operations:

- The Evan's and Santosh Slough water level is being maintained below 4.4', surprisingly, up until today the majority of the drainage was through the North Tide gates.
- North, Cherry, Johnson, Smith, Honeyman, Kessi, Hovan and Sternberg pumping stations are operating at 1.5'-2.0' water level.

Infrastructure & Operations-Looking Ahead / Action Items:

- Dike Rd Relief well rehabilitation
- Cherry Pump #2 starter panel replacement

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. 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. There have not been many updates since but, they did indicate during the recent November meeting that they were hoping to have the 90% submission package by late 2025 and a complete package by late 2026.

Accreditation / LOMR:

- I received an update yesterday from the City and WEST. It appears that the final version of the maps for the interior drainage analysis for the most part are complete, although we still don't have a copy. There are a couple final components regarding updated terrain mapping that WEST wants to double check are in the model. WEST will be compiling the final package that the county and city can use to

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hold the open house meeting before submittal to FEMA. The county plans to follow the same process that they are currently doing for the Sauvie Island accreditation.

-USACE let me know this week that they are wrapping up our 2024 formal inspection. There is an out briefing scheduled for the first of next week. I am not entirely sure what this entails as it is a new step in the process. There are several new components to the formal inspections including the way the report is presented to the local sponsors (SDIC). They have told me that they are trying to make the reports more user friendly but, I am anticipating there will be a lot to unfold from this report.

Best Practices:

-I met with Senator Merkely's field representative Gustavo Guerrero, regarding the CIP grant funding application we submitted last spring. We had a good meeting and he felt it was good for him to see the project first hand. In the future it will help us decide where the project fits best within the open categories.

-We received the quote back from Farnham Electric regarding the engineering scope of work to develop the beginning to end modifications to the electrical components at the Evans Pump station to allow for the addition of backup generator power. This project was not proposed in our budget as it was more of an opportunity to complete when the power was down. I plan to reach out to Business Oregon to see if there would be grant funding available.

Rental Home:

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Legal:

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GM Action Items:

-USACE out briefing

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