

SDIC Monthly Managers Report

10/13/2022

Infrastructure:

-Evans Pump #1 repairs are underway. The pump and motor was removed and hauled in for repairs on Sept 14.

-We received a change order from Reed Electric for \$1760 to repair the upper and lower bearing journals on the Evans #1 motor. This will require material buildup using a metal spray and machined back to proper tolerances and cutting new shaft centers.

-Rob and I met with the Bay Valve team and a Representative from Belzona Corp on Oct 7 to discuss options to repair the extreme amount of cavitation damage to the diffuser housing. It appears a repair using a buildup of Belzona 1111 Super Metal resign epoxy to fill the current cavitation pitting to standard propeller clearance tolerances, than machine down several thousandths of an inch and build back up with Belzona 2141 ElastoMeriC Resign to give a layer of cavitation protection. Then the diffuser will be externally wrapped with Belzona Super Wrap II with carbon fiber to reinforce the weakened structure. I am still awaiting a cost estimate.

-The Johnson #1 float switch failed and was replaced.

Operations:

-Herbicide application for the control Blackberries and woody vegetation was completed on 7.5 miles of perimeter levee, the entire sub-levee, and multiple pump access roads.

-All trees were chipped and hauled away along the sub-levee and the perimeter levee from the north end to levee station 240+00(Coon Island Marina). Most of the trees were located on the riverward side of the perimeter levee, making operations slow and difficult.

-Evans pumps are off. Santosh/Evans draining thru North Tide Gates.

-Cherry-North-Johnson-Smith-Honeyman pumps set to 1.5'-2.0' but hardly running

-Kessi is off for irrigation

-Sternberg is off following ditch cleaning

-Hovan pump has not cycled in months and the water is well below the float and the ditch is essentially dry, never seen it that way

-The weed load at the Cherry Orchard pump intake has been extensive

-The beaver dam on the East Smith ditch was removed

-All ditches were cleaned around the Sternberg pump by Cal Portland

Infrastructure & Operations-Looking Ahead / Action Items:

-Vegetation control activities are ongoing. Grass mowing will continue on the perimeter levee, advancing south to north.

-Mechanical blackberry and small tree removal will continue along the perimeter levee.

-Toe Drain Explorations at the Cherry Pump and Olsen Farm are ongoing

-Bay Valve who has been repairing the Evan's #1 pump has also been analyzing the sump configuration of the Evans pump station. I am hoping they will give us an idea as to the cause of the problem and possible solutions that we can cross check with the USACE or an independent engineering firm.

-Conduct a boat tour of the perimeter levee with the current low river tides.

Personnel:

-I was hoping to have a draft employee handbook for board review by the 10/13 meeting, but it looks like it will be next month.

408's:

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-We have been notified by the USACE that funding for the national 408 program has been exhausted for the fiscal year, most 408's that are not petitioner funded have been put on hold until the new fiscal year in October. I am waiting to hear if the program has restarted.

-I have not received any communications from Cadman Materials recently

Accreditation / Lomar:

-Still waiting for the City of Scappoose to complete their expanded IDA through WEST. The City of Scappoose has indicated that the Business Oregon grant funding was approved and the contract with WEST was executed, it appears the updated IDA mapping should be completed by the end of October.

Best Practices:

-The 3rd amendment to the SDIC bylaws approved at the annual meeting has been signed by all previous board of directors and has been merged into the official SDIC bylaws

-SWOT analysis is in process

Scappoose Storm Water Master Plan:

-We are still awaiting the 2022 draft from the City of Scappoose

Rental Home:

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Legal:

-Subpoena Compliance still in process

Mercury 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.

GM Action Items:

-2021-2022 SDIC Taxes have been completed and signed