



## Update for Commissioner Paul Vogelheim - Staff Report

**Meeting Date:** February 7, 2018

**Presenter:** Heather Overholser

**Submitting Dept:** ISWR/Engineering

**Subject:** Update on ISWR Capital Projects

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**Statement / Purpose:**

To review current project status and upcoming staff recommendations regarding ISWR capital projects: Recycling Center, Waste Excavation, Trash Transfer Station and Landfill Closure, including the overall Taming the Wild Waste budget.

**Background / Description (Pros & Cons):**

Recycling Center – The Recycling Center Phase 1 construction was completed in 2017 on budget. Phase 2 is on hold, and, with the extensive project work at the Horsethief Canyon site, staff recommends waiting until FY2020. However, staff would like to proceed with the final design and procurement of the phase 2 construction in FY2019. ISWR will make a recommendation to the BCC on contracting this work in the next couple of months.

Waste Excavation – The waste excavation and transfer station demolition project with Montana Civil Contractors is going well and within budget to date. We anticipate that the project will come in on budget (\$4.2 million). This figure includes change order #3 that increased the scope of work to include the TTS demolition and waste excavation to prepare the TTS site for construction. Montana Civil's cost of the TTS demo is \$165,000, as compared to an estimated \$270,000 as part of the TTS construction project. By separating out the demo from the TTS contract, the County is saving an approximate \$105,000. Fall 2018 completion is projected. An annual waste excavation and landfill closure operating report was recently submitted to the US Forest Service for work that will occur on BTNF property as part of an approved USFS Special Use Permit.

Interim Transfer Station – The Interim Transfer Station (ITS) is close to getting Certificate of Occupancy. A few electrical modifications were necessary to complete the job. Completion is projected by February 5, at which time ISWR staff and Yellow Iron will transition operations to the ITS. The transition will take at least a week to work out any operational kinks. Moving into the new facility as soon as possible is imperative as the old transfer station is failing due to years of settling and a significant water leak last summer. Vacating the old facility will allow Montana Civil to begin demolition of the existing building during the winter so that by spring 2018 the TTS contractor can begin TTS construction.

Permanent Trash Transfer Station: ISWR bid out the permanent TTS construction in October 2017, and staff plans to come in front of the BCC on February 20 or March 6 with consideration of Notice of Award and Contract. We received five bids, and the low bid is extremely favorable. Staff budgeted \$7.13 million for this project, and the low bid is approximately \$6 million, including 10% construction contingency. By removing the waste excavation and TTS demolition from the bid package, we were able to remove much of the risk and uncertainty from the project, which resulted in more competitive pricing. TTS landscaping was also included in the bid, which came in about 27% less than the landscape architect's estimate. This competitive pricing bodes well for the overall Taming the Wild Waste budget.

A building permit, and possibly a grading and erosion control permit, will be necessary for the TTS, at which time ISWR will submit the landscaping plan for the TTS, as required by the approved DEV and CUP.

Landfill Closure/Capping: Per WDEQ requirement, the landfill must be capped by Dec. 31, 2019. ISWR plans to bid out landfill closure in winter 2018/2019, for an April 2019 construction start. The engineer's estimate for this project, including 8% annual inflation and 10% contingency, is approximately \$4.73 million. The estimate is based on the best available current knowledge and information, and the actual project price will be confirmed once bids are received. Also, once the landfill is capped, ISWR will initiate a Habitat Enhancement Plan for the entire site. This will provide 2:1 mitigation of important vegetative species that were disturbed during the construction project. ISWR worked with the Planning Department and Pioneer to establish a conceptual plan, and ISWR will bid out the final vegetation mitigation/habitat enhancement plan in summer 2018.

Animal Carcass Disposal: With the upcoming 2019 closure of the dead animal pit, a new system for carcass disposal – for both wild game and domestic animals - will be necessary. It has recently become clear to staff that as wildlife disease management is outside of ISWR's area of expertise, the Division may not be the best entity to deal with wild game carcass disposal. With Chronic Waste Disease on Teton County's doorstep, and with the great challenges and risks it presents in carcass disposal, ISWR hopes to facilitate a community solution for wild game carcasses, as opposed to owning it. An agency with wildlife disease management expertise would be much better equipped to manage this. Domestic carcasses will likely continue to be managed by ISWR and shipped to Bonneville County's dead animal pit.

Compost program improvements and infrastructure: Compost planning is ongoing, and will become more focused once the transfer station construction is complete. With the overall TWW project cost information we have confirmed to date, funding will be available from secured sources in the approximate amount of \$1.5 million for composting infrastructure, which staff plans to put in place after the landfill capping is complete in spring 2020. These facility improvements are in line with the timing of the award of the new composting contract in November 2019. ISWR hopes to have the food waste early adopters program initiated by fall 2020. In the meantime, staff is working with the Wyoming Department of Environmental Quality on amending the TTS operating permit to allow for the collection and processing of food waste. Also, 2018 will be the second season of the Subaru-sponsored food waste collection pilot project in Grand Teton National Park. A 2017 year-end report on the pilot will be distributed soon.



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**Stakeholder Analysis & Involvement:** Many stakeholders have been involved throughout the planning of these projects, including Teton County Engineering, Planning, Building, Attorney, ISWR's Advisory Board and committees, CTA Architects-Engineers, Golder Associates, Gordon Environmental, ISWR's construction manager (Bill Hensley), Yellow Iron, Terra Firma, the Wyoming Department of Environmental Quality, the Wyoming Office of State Lands and Investments, WYDOT and the Bridger-Teton National Forest.