Heber Valley Special Service District

Lagoon Dredging Project

FACT SHEET

(**PROJECT COMPLETION UPDATE 3/30/26**)

****

Project Completion Update:

The lagoon dredging project has been completed as of March 4, 2026 with the Contractor fully demobilized and off site. Dredging operations ended on February 25, 2026 with a total of just over 3,355 Dry Tons of solids removed from Cells 1 (3,039 DT) and 1A (316 DT). The project was completed on schedule and within the budgeted amount.

****

Why: Over the years solids have accumulated in the primary treatment lagoon, aka Cell 1. The amount of solids is now excessive and hinders operation and performance. The material needs to be removed to restore performance.

What: The project's scope of work involves the dredging, dewatering and disposal of approximately 3,000 dry tons (DT) of solids from Cell 1. (The District's other treatment lagoons have been sampled and do not require dredging at this time.) The removed solids will be transported off site for further treatment and ultimately disposed of at a landfill.

Dredge being placed in Lagoon Cell 1

Dredging of the lagoon is the most efficient means of removing the solids and the District has solicited competitive bids for the work based on this approach. The District has entered into an agreement with the selected Contractor (American Process Group, LLC) to perform the work for a fee of approximately $4.5M. The scope and specialized nature of this work are beyond the capabilities of the District to self-perform.

UPDATE The amount of solids that will be dredged from Cell 1 is now projected to be closer to 2,000 DT rather than the contracted amount of 3,000 DT. The District therefore expects to have funds remaining and has elected to issue the Contractor a change order to dredge Cell 1A. Approximately 350 DT are expected to be dredged from Cell 1A. The costs for the project, including the change order, are still projected to be below the budgeted amount.

When: The lagoon dredging project will begin in mid-November 2025 and is scheduled to be complete by the end of March 2026. The District intentionally scheduled the timing of this work during the winter months to minimize the chance of odors and impacts to the community. The Contractor has scheduled 140 days to complete the project but has indicated they plan to increase production to shorten this schedule. Contractor work hours are scheduled as M-F 7 AM-6 PM. Dredging on weekends is not allowed under the contract.

UPDATE In an effort to expedite the dredging project, the District has approved Contractor work on Saturday's. Beginning in early 2026 we expect the Contractor to begin working on Saturdays. Due to the change order the schedule has been extended, and completion is expected near the end of February.

Where: The solids will be removed from the primary lagoon cell located at our treatment facility at 1000 East Main Street , Midway, UT. The solids will be processed and loaded onto trucks at our facility for transport to the disposal site- E.T. Technologies, Inc. (ETT) in Salt Lake City, UT. ETT will incorporate the solids into their Soil Regeneration Site which reduces the contaminants in the waste using bacteria. The end product is a topsoil that is used exclusively by the Salt Lake County Landfill, located adjacent to ETT.

UPDATE Dredged solids will also now be disposed of, primarily on Saturdays, at the Wasatch Regional Landfill located in Skull Valley, Utah and operated by Republic Services.

How: The solids will be removed from the lagoon using a dredge. The dredge will float on the lagoon and extend a cutter/auger boom down into the solids. The cutter head creates a slurry of solids that is augered to a dredge pump which conveys the slurry to the solids processing area located adjacent to the lagoon.

Dredge Cutter Head

Dredge with Floating Slurry Pipe (Note Solids Processing Area in Background)

The slurry will enter a screening tank to remove any large debris and provide a buffer between the dredging and dewatering operations. The screened slurry is then fed to centrifuges to dewater the solids. The solids concentration will be increased from about 2-5% to 20-25% by dewatering. This reduces the amount of water that is transported and saves cost on disposal, which is based on weight. The dewatered solids, which are now in cake form (e.g. play-dough consistency), are conveyed from the centrifuges directly into trucks for transport to disposal. Dewatered solids will not be stockpiled or stored on-site during this project. The contractor's preliminary production schedule estimates that they will produce approximately 26 DT of solids daily, which translates to about 4-5 truckloads/day. Increased production will raise these numbers to about 40 DT/day and 6-8 trucks/day.

The solids processing area, which contains centrifuges, pumps, tanks, conveyors, rotary drum screen, a polymer feed system and ancillary equipment, will be contained within a temporary tent structure for safety, odor control, and to prevent winter weather issues.

The District's goal is to have this project completed before spring. Any questions or concerns regarding this project should be emailed to the District at info@hebervalleyssd.gov

Centrifuges and Conveyors Loading Dewatered Solids into Truck

Tent Structure Being Erected Over Solids Processing Area