



South Davis Sewer District

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April 1, 2022

RE: ODOR CONTROL PROJECTS, PROGRESS AND TIMELINES

Dear Neighbors,

Thanks to all of those who have submitted odor complaints and provided feedback and detailed information on odor events. Overwhelmingly, the odor descriptions we have received point back to the solids generated through our process. As a result, in late January, the District began identifying and reaching out to vendors for quotes to construct a solids storage and load-out building. We anticipate that this building will make the most significant difference when it comes to odors and is at the top of our list.

Preliminary design of the solids storage and load-out building has been more complicated than we had envisioned, and we want to ensure that we provide an effective, long-term solution rather than a short-term band aid. To that end, after much review and adjustment, the general concept we are pursuing is a building that will house three end-dump trailers so we can load directly into them in a contained environment where we can capture and treat the odors coming off of the solids. The trailers will then be covered before leaving the building to minimize odor events associated with transport on local roads.

We are living in unprecedented times where global supply chain issues trickle down to local projects and the District is not immune from impacts associated with material and labor shortages. Since beginning work on the solids storage and load-out building, requests to multiple vendors for quotes on vital building materials and equipment have gone unanswered and those that have responded have frequently been delayed. With that in mind, we have put together a tentative timeline, shown on the following page, for construction of the building. Please keep in mind that this timeline is subject to change based on factors beyond the District's control, but we will act in good faith to complete the project as quickly as possible.

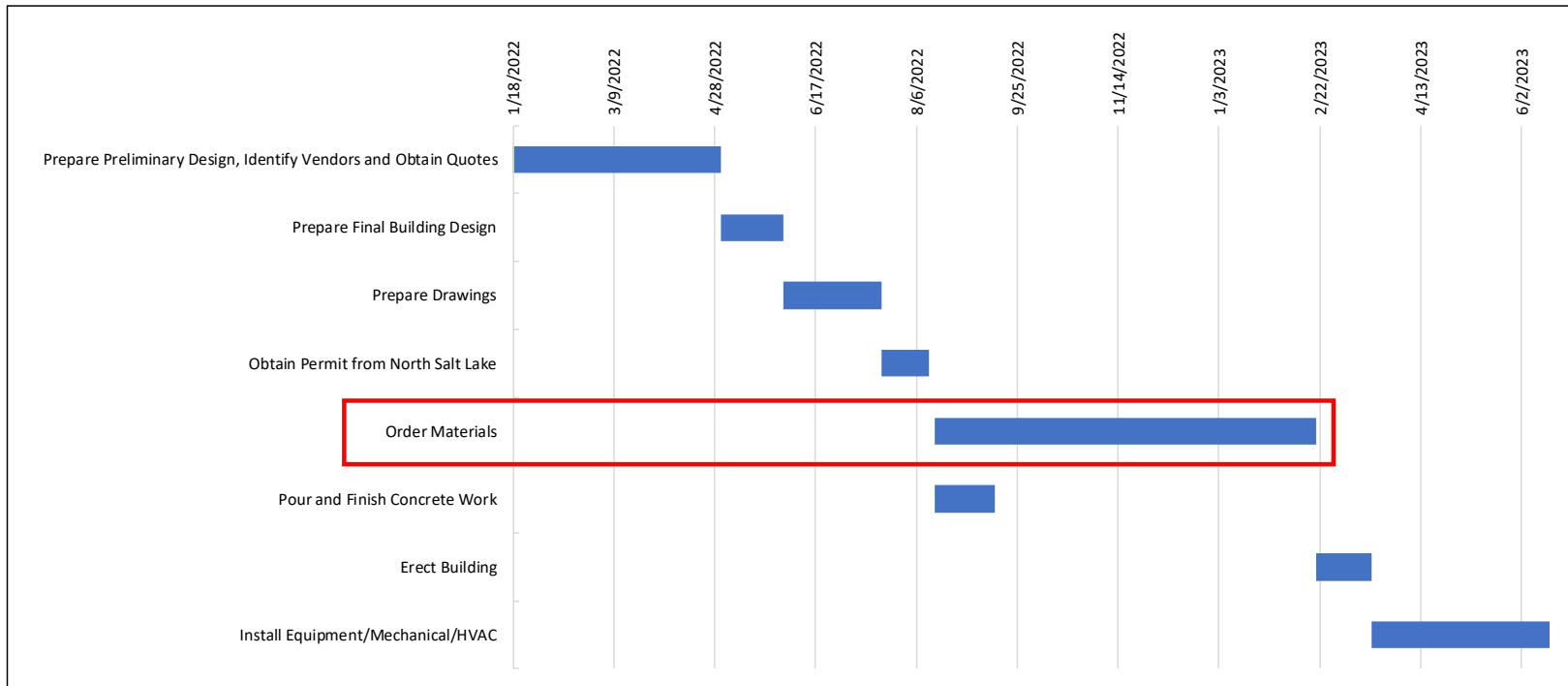
Assuming we have received all quotes by the first of May and we are able to begin moving forward with final design and construction, we anticipate that the solids storage and loadout building will not be complete until summer of 2023. This timeline is largely based on information provided by one of the responsive vendors, who indicated that current lead time for building materials alone is anywhere from 22 to 27 weeks.

Once we have all materials, we will have to work with different specialty contractors (steel building erectors, mechanical, electrical and HVAC contractors) to see the project through to completion. The tentative timeline assumes that contractors whose work overlaps and must be coordinated can complete their work in a time and fashion that prevents delays.

Digestate (Solids) Storage and Load-Out Building

Milestone Description	Progress	Start Date	End Date	Duration (Days)	Notes
Prepare Preliminary Design, Identify Vendors and Obtain Quotes	60%	1/18/2022	5/1/2022	103	
Prepare Final Building Design		5/1/2022	6/1/2022	31	Per vendor, current* design time is 3-4 weeks.
Prepare Drawings		6/1/2022	7/20/2022	49	Per vendor, current* time to prepare drawings is 6-7 weeks.
Obtain Permit from North Salt Lake		7/20/2022	8/12/2022	23	
Order Materials		8/15/2022	2/20/2023	189	Per vendor, current* lead time for material orders is 22-27 weeks.
Pour and Finish Concrete Work		8/15/2022	9/14/2022	30	
Erect Building		2/20/2023	3/20/2023	28	
Install Equipment/Mechanical/HVAC		3/20/2023	6/16/2023	88	

*3/4/2022



As of 4/1/2022

As we continue to work on the solids storage and load-out building, we are also working on other projects, including the following, and intend to send regular updates regarding our progress:

Project	Progress	Notes
Biofilter Improvements		
Assess Sprinkler System Coverage	70%	Checked condition and turned on heads that were off. Monitoring coverage.
Add Filter Media		
Add Macro- and Micronutrient Metering and Injection System		
Provide Temperature Monitoring		
Provide Moisture Monitoring		
Receiving Building		
Provide Covers for Roll-Offs (3)		
Hydrolysis Buffer Tank		
Pilot Independent Odor Scrubber (Evaluate H2S Levels)		
Assess the Need for an Extraction Blower		
Check Bolts/Panel Seams for Leaks and Caulk as Necessary	100%	Reinspection due June 2023.
Digestate Tank		
Check Pressure-Reducing Valve/Vacuum Relief Valve for Calibration and Leakage		
Check Bolts/Panel Seams for Leaks and Caulk as Necessary	100%	Reinspection due June 2023.
FOG Tank		
Assess Need for Independent Odor Scrubber		
FOG Unloading		
Investigate How to Provide Better Seals around Access Hatches	10%	
Install Valves in Place of Loose Caps Taken by Drivers during Unloading		
Tanker Unloading Area		
Develop Solution to Odors Discharging from the Trench Drain System	10%	
Investigate Putting a Blower on the Trench Drain Vent (AC Scrubber)	10%	
Check for Leaks around the Xerxes Transfer Pumps and Bases		
Install Auto-Closing Valves (Horizontal)		

Please note that this is not an exhaustive list of all the projects we are working on. If you have any questions or would like to review any of these projects in more detail, please contact Matt Myers, Assistant General Manager, at 801-295-3469 or mmyers@sdsd.us.

Sincerely,



Dal D. Wayment, PE
General Manager