



**South Davis Sewer District**

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February 7, 2022

Foxboro Neighborhood Residents,

On behalf of the District, I would like to apologize for the continuing odor events you are experiencing. After we began receiving complaints in October 2019, we launched a concerted effort to identify and eliminate sources of nuisance odors from our site.

The District hired Jacobs Engineering to complete an odor study to identify odor sources and recommend corrective action to eliminate them. On July 31, 2020, the District received the final report from Jacobs Engineering outlining their recommendations. Within nine months we completed most of the work identified by the study and started a Vapor Odor Neutralizing System. Between April 18, 2021 when we completed that work and November 12, 2021, the District received only four odor complaints. This left us feeling optimistic that we had addressed the bulk of the sources leading to the nuisance odors. Contrary to what we believed, we now understand it was less that the odor issues had been resolved and more that we just weren't receiving the reports.

All but one of the improvements and procedures that were put in place before April 18, 2021 have been maintained. Since that time, we have also made several additional improvements. One improvement was to modify the Vapor Odor Neutralizing System to allow us to increase the amount of neutralizer that can be distributed through the system.

While designing the Wasatch Resource Recovery facility, we anticipated that the reception building would generate odors, so a biofilter and foul air system were constructed at a cost of well over \$600,000. What our research didn't reveal, and we didn't expect, was that we would encounter substantial odors from other sources. Below is a summary of just some of the investments we have made to address odors since the initial construction of the facility:

<i>DATE</i>	<i>DESCRIPTION</i>	<i>APPROX COST</i>
Oct 2019	Eliminated Solids and Ammonium Sulfate Storage in Drying Beds	\$ 15,000
	Installed Temporary Cover for Pressate Tank	\$ 4,000
Feb-May 2020	Completed Miscellaneous Projects to Reduce Tank and Line Venting / Installed Blower to Improve Odor Capture from FOG Receiving	\$ 12,000
	Retrofitted Seal on Ammonia Scrubber Blower to Make it Gas-Tight	\$ 2,000
	Fabricated Fume Hood over Solids Dewatering Presses to Improve Odor Capture	\$ 10,000
	Plumbed Ammonia Scrubber Vent into the Foul Air System	\$ 20,000
	Added Green Waste to the Biofilter to Bring it Back to Full Depth	\$ 15,000
July 2020	Hired Jacobs Engineering to Complete an Odor Study	\$ 39,788
Sept 2020	Completed an Odor Control Project on the South Plant Tower Filter	\$ 75,000
2020-2021	Made Control System Changes (Digester Covers)	\$ 1,500
Spring 2021	Purchased and Installed Perimeter and Solids Odor Control Systems*	\$ 80,000
Dec 2021	Relocated Foul Air Fan at Solids Dewatering	\$ 11,284

\*Includes ongoing costs.

**TOTAL \$ 285,572**

## TOOLS AND RESOURCES



One of the best resources we have as we work to address odors is you, the residents. For those who have not yet seen it, the District has developed an **Online Odor Complaint Form** you can use to log the location, date, and time when odors are observed. This information can then be correlated with weather and site/operational data so that we can better characterize odors and identify their sources and the conditions that affect them. This form can be accessed by going to <https://arcg.is/rCT1b0> or by scanning the QR code on your mobile device.



If you prefer, you can call the District's **Odor Hotline** at (801) 797-4442. To ensure that we have consistent data to analyze, please provide the following information when calling:

- Name / Phone Number
- Address Where the Odor Was Noticed
- Date and Time the Odor Was Noticed
- Description of the Odor
- Intensity (Strength) of the Odor (Light, Moderate, Strong, Very Strong)

Along with a link to the **Online Odor Complaint Form** and **Odor Hotline**, you can find additional resources on the District's website located at <https://www.sdsd.us/odors>. One of these resources includes a public dashboard you can use to view odor complaint information.



Odor complaints that were received before the development of the **Online Odor Complaint Form** have been added to the dashboard when sufficient data was provided (i.e. location, date, time). Please note that names, phone numbers and email addresses are not available through the public dashboard to respect residents' privacy.

We understand the frustration and reporting fatigue you've experienced and are grateful for your continued efforts. Our hope is that the feedback you provide can help us prioritize our efforts to identify and reduce odor sources.

Based on community input, we're working on a plan to communicate significant operational and process changes in real time. You will be able to find these updates on the District's website. If you would like to receive an email notification when we make these significant changes or post other updates to the District's website, please email Lanese Hendrickson at [lhendrickson@sdsd.us](mailto:lhendrickson@sdsd.us).

In addition to the odor complaint tools, we are excited to announce that we have formed a Foxboro Odor Committee, with representatives from the Foxboro community, to help in our efforts. We are grateful for their time and willingness to help us as we work to address odor issues. Thank you for your patience and support.

Sincerely,



Dal D. Wayment, PE  
General Manager