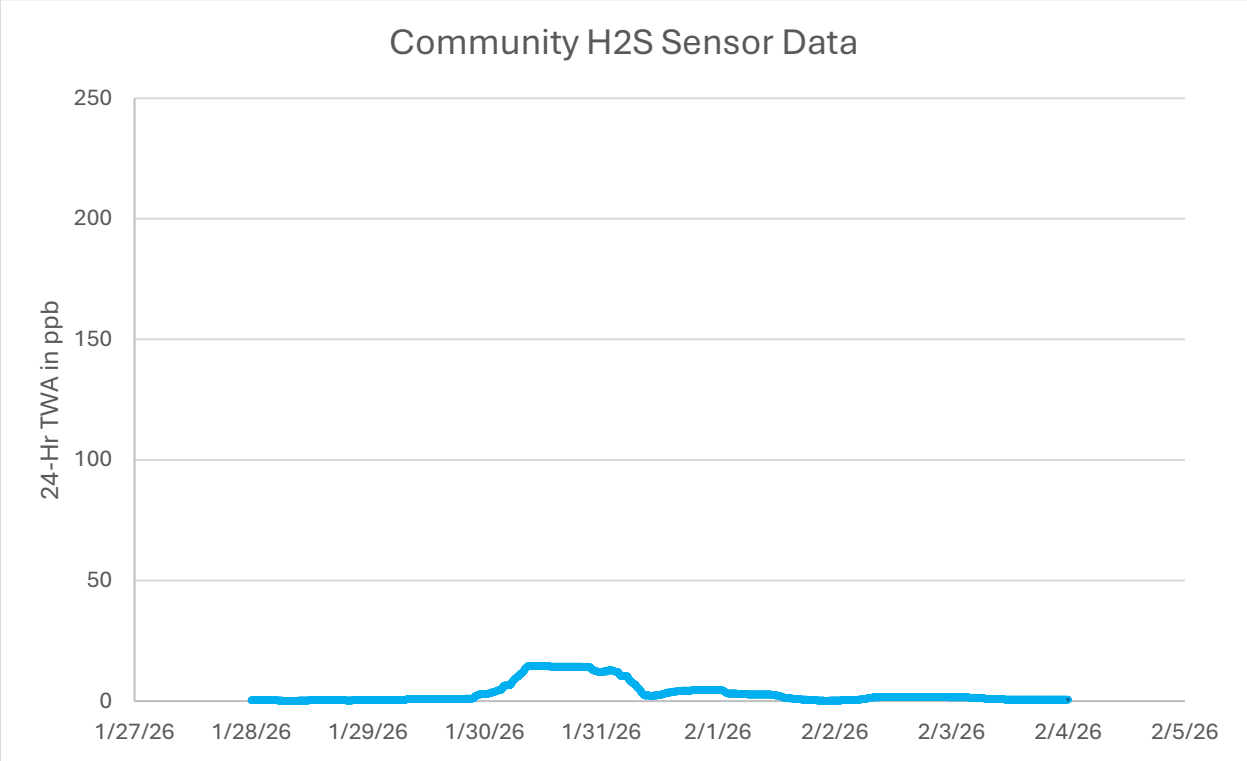
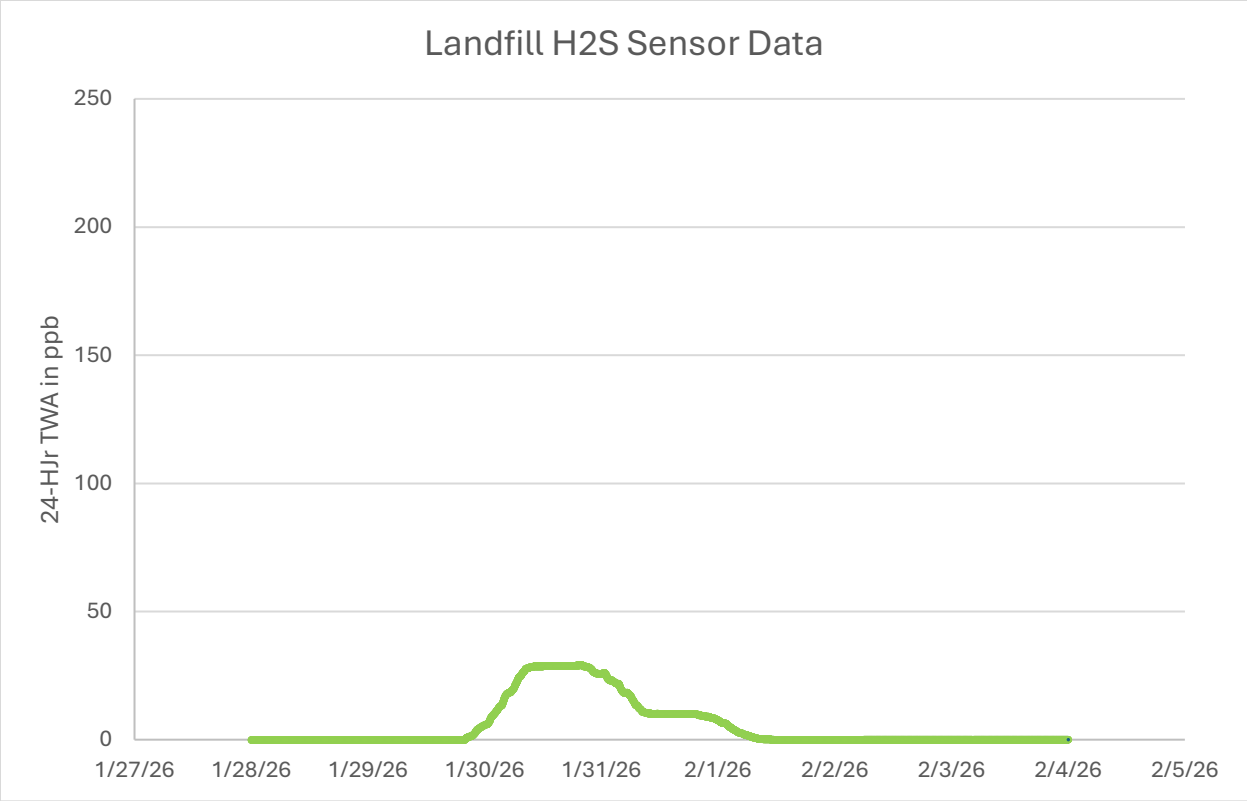
Telfair Weekly Air Monitoring Summary Report: 1/28/2026 – 2/3/2026

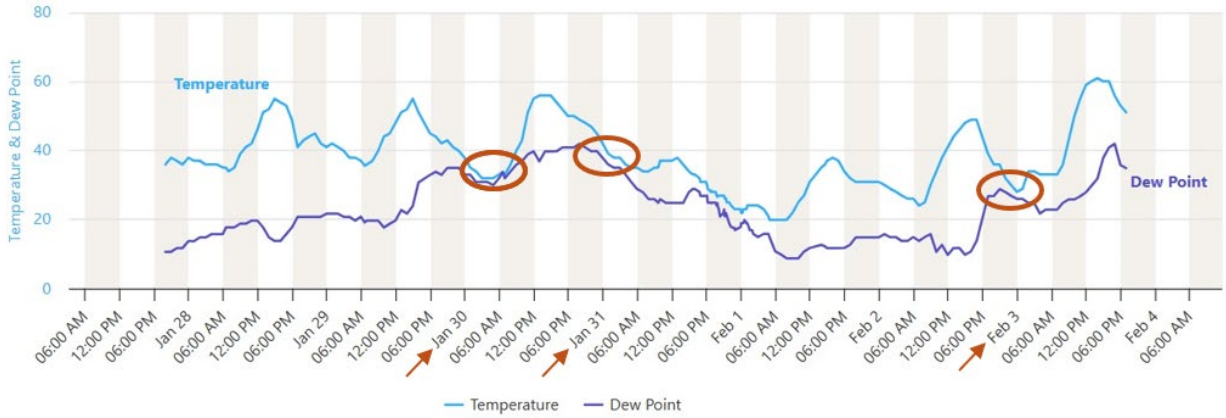
The information provided below is qualitative in support of the ongoing investigation into odor complaints received by SCDES. Because there are no ambient air quality standards for H2S which apply here, this data is being used to evaluate trends and support the on-going odor investigation. The values shown in the graphs below are 24-hour time weighted averages (TWA).

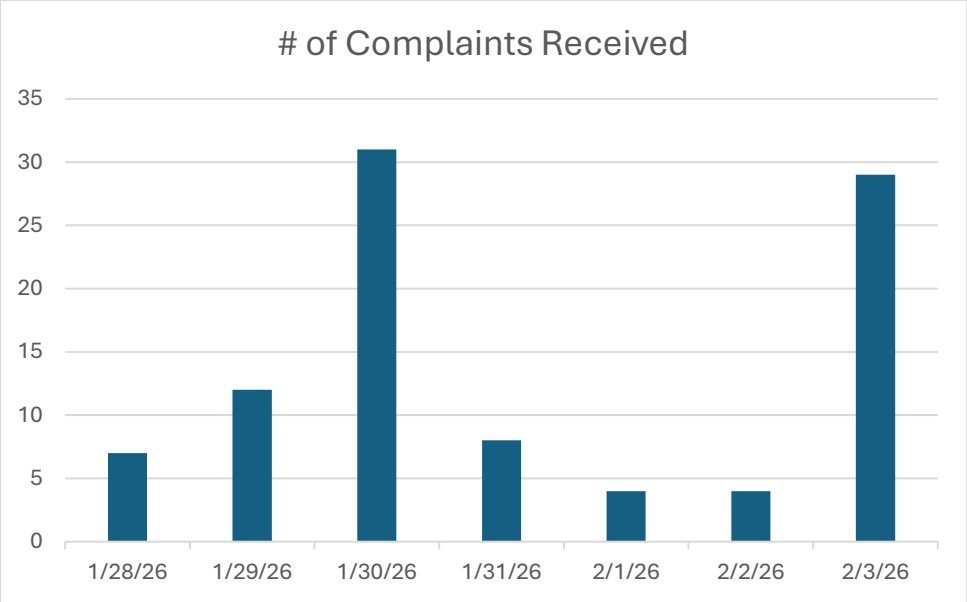
The first two graphs show the 24-hour TWA for the two sensor locations: one sensor is located in the community (Community) south of the landfill; the other sensor is located on the southwest portion of the landfill (Landfill).





Meteorological data displayed below was obtained from the National Weather Service (weather.gov) Beaufort Marine Corps Air Station (MCAS). The graph below shows potential temperature inversions. When the temperature drops overnight, especially in the winter, the surface cools quicker than the surrounding air and a temperature inversion is likely. This creates a stable environment where pollution may become trapped below warmer air aloft. When this occurs, odors may be more noticeable, particularly when winds are light or calm. Wind speed and direction can also affect odor levels. The weekly temperature and dew point ("Meteorological Data") graph has arrows pointing to the dates an inversion was likely.




# of Complaints Received
35
30
25
20
15
10
5
0
1/28/26
1/29/26
1/30/26
1/31/26
2/1/26
2/2/26
2/3/26