

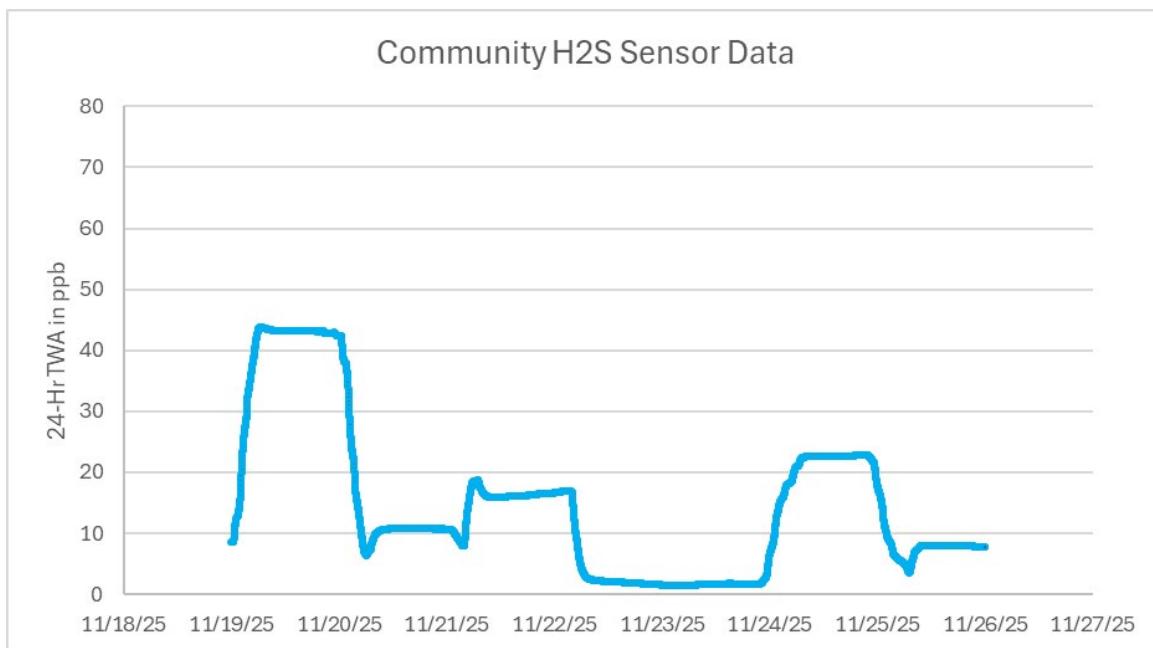


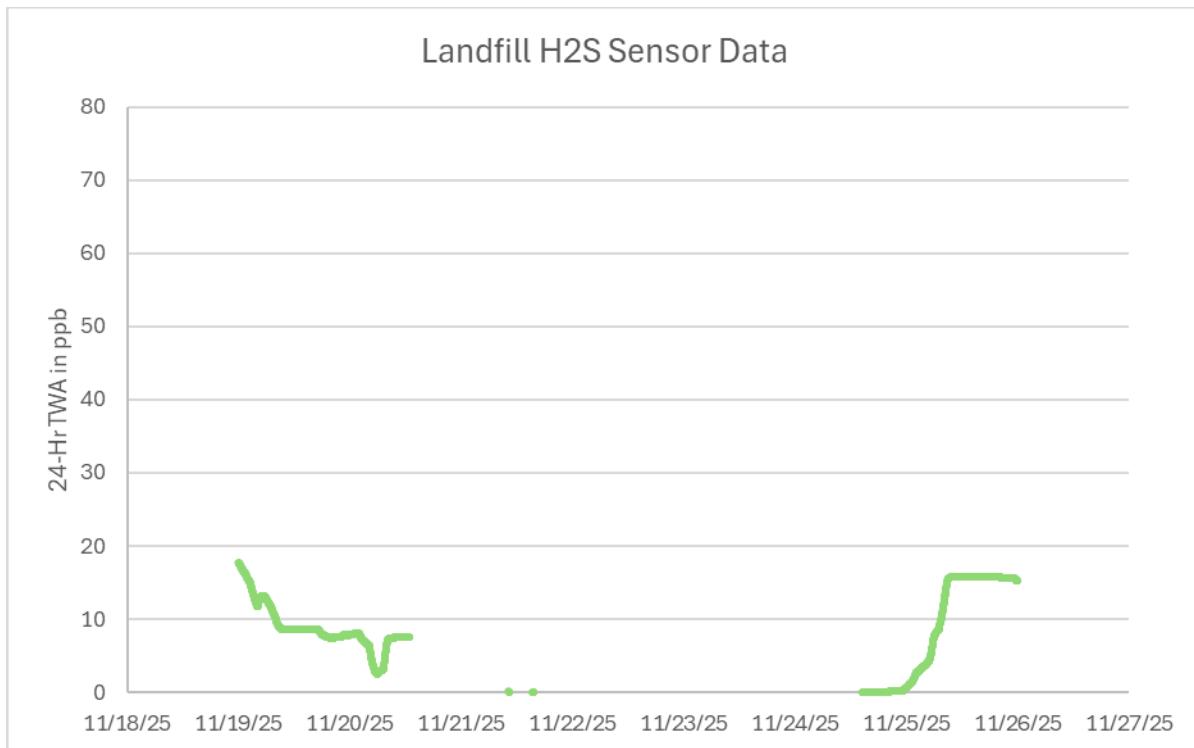
## Telfair Weekly Air Monitoring Summary Report: 11/19/2025 – 11/25/2025

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 H<sub>2</sub>S 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).

Odors may be most noticeable in the late evening and early morning hours when temperature inversions occur. When cool air is trapped below warm air, inversions occur. Evidence of inversions include dew and fog. Weather data for Beaufort are included below. Dew point and temperature readings that match indicate a likely inversion event. Wind direction is also a factor in the number of odor complaints. Odor may be more noticeable when the wind is coming from the direction of the landfill.





*NOTE: Gaps in the graph (data) are due to sensor malfunction.*

Meteorological data displayed below was obtained from the National Weather Service (weather.gov) Beaufort Marine Corps Air Station (MCAS).

