



ANNE ARUNDEL  
COUNTY  
MARYLAND

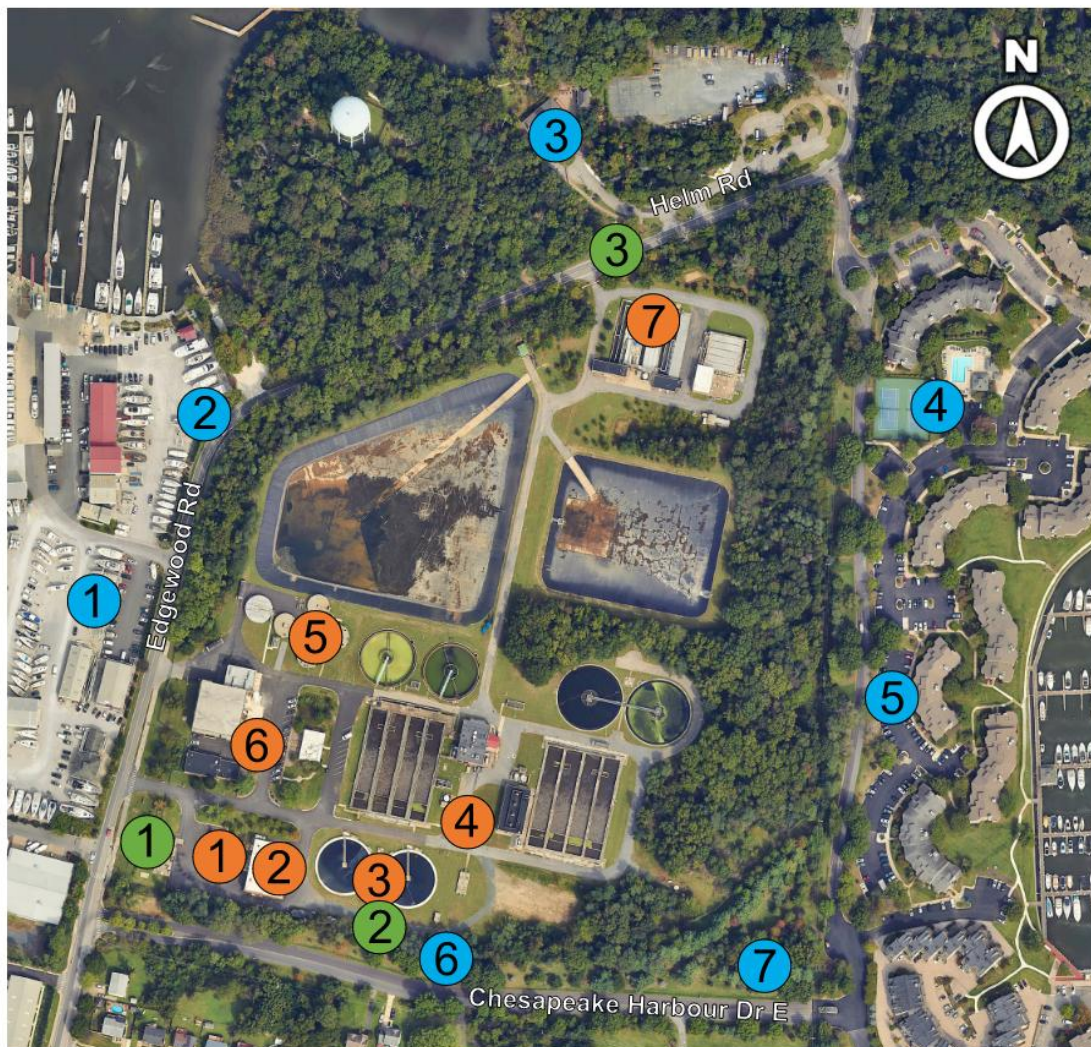
# Monthly Hydrogen Sulfide Monitoring Results

Annapolis Water Reclamation Facility

September 2025



## Map of Portable Monitor Locations



### Locations within WRF (PPM)

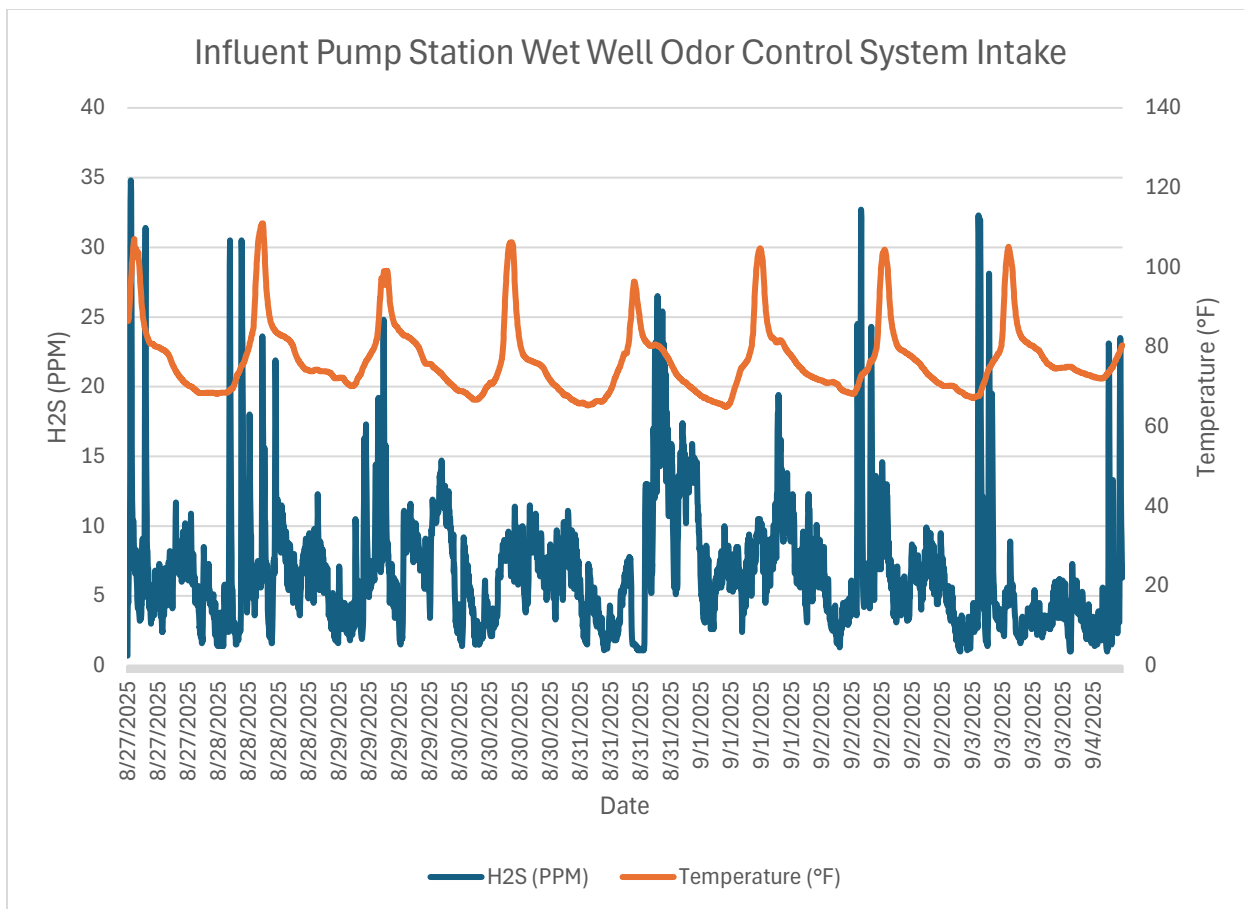
- 1a Influent Pump Station Wet Well Odor Control System Intake
- 1b Influent Pump Station Wet Well Odor Control System Exhaust
- 2a Headworks - Within Building Space
- 2b Headworks - Odor Control System Exhaust
- 3 Primary Clarifier Launder
- 4 Odor Control Airflow to Blowers/Treatment
- 5 Gravity Sludge Thickeners
- 6 Solids Facility Odor Control Exhaust
- 7 Denite Filters Mudwell

### Fenceline Locations (PPB)

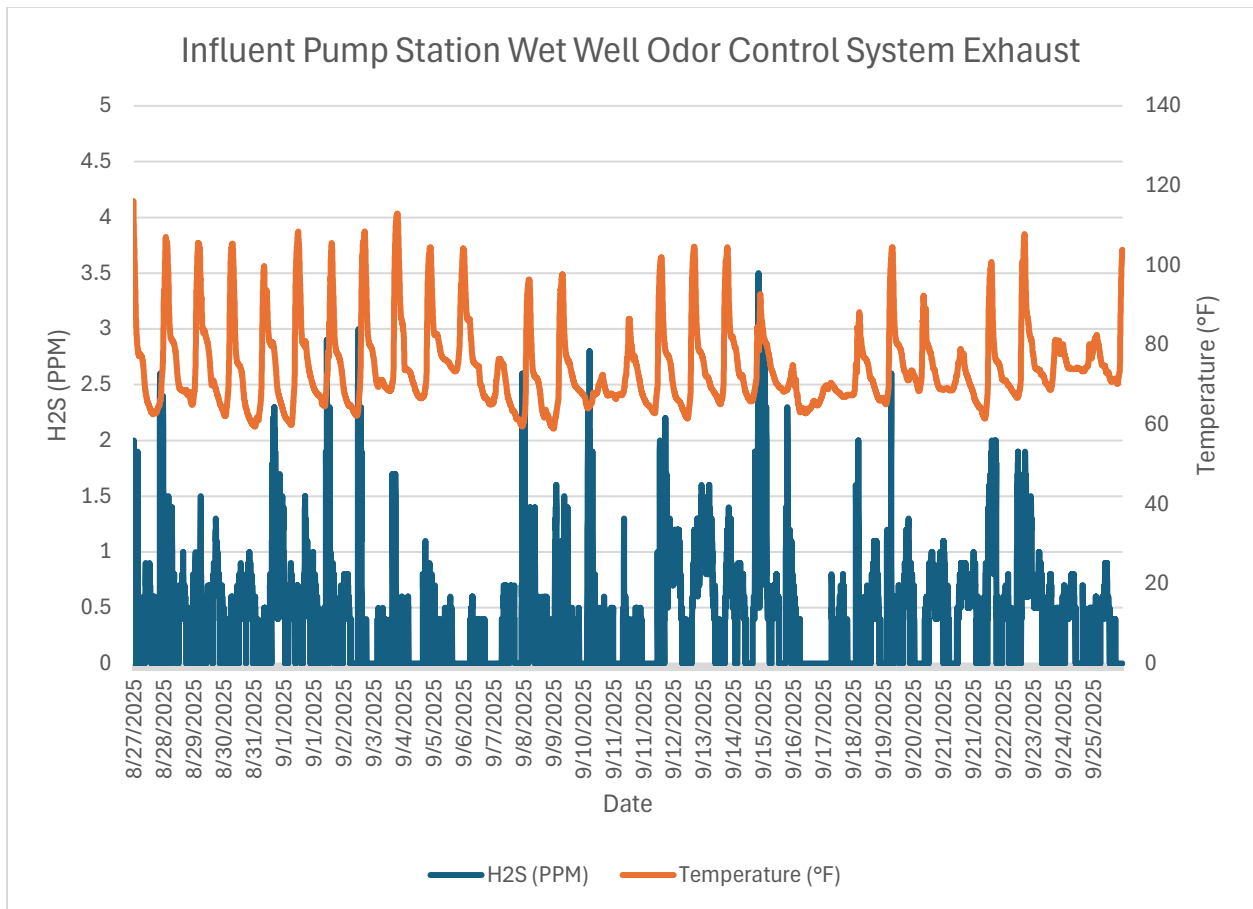
- 1 Septic Hauler Discharge Area Fenceline
- 2 Primary Clarifier Area Fenceline
- 3 Denite Filter Mudwell Area Fenceline

### Neighborhood Locations (PPB)

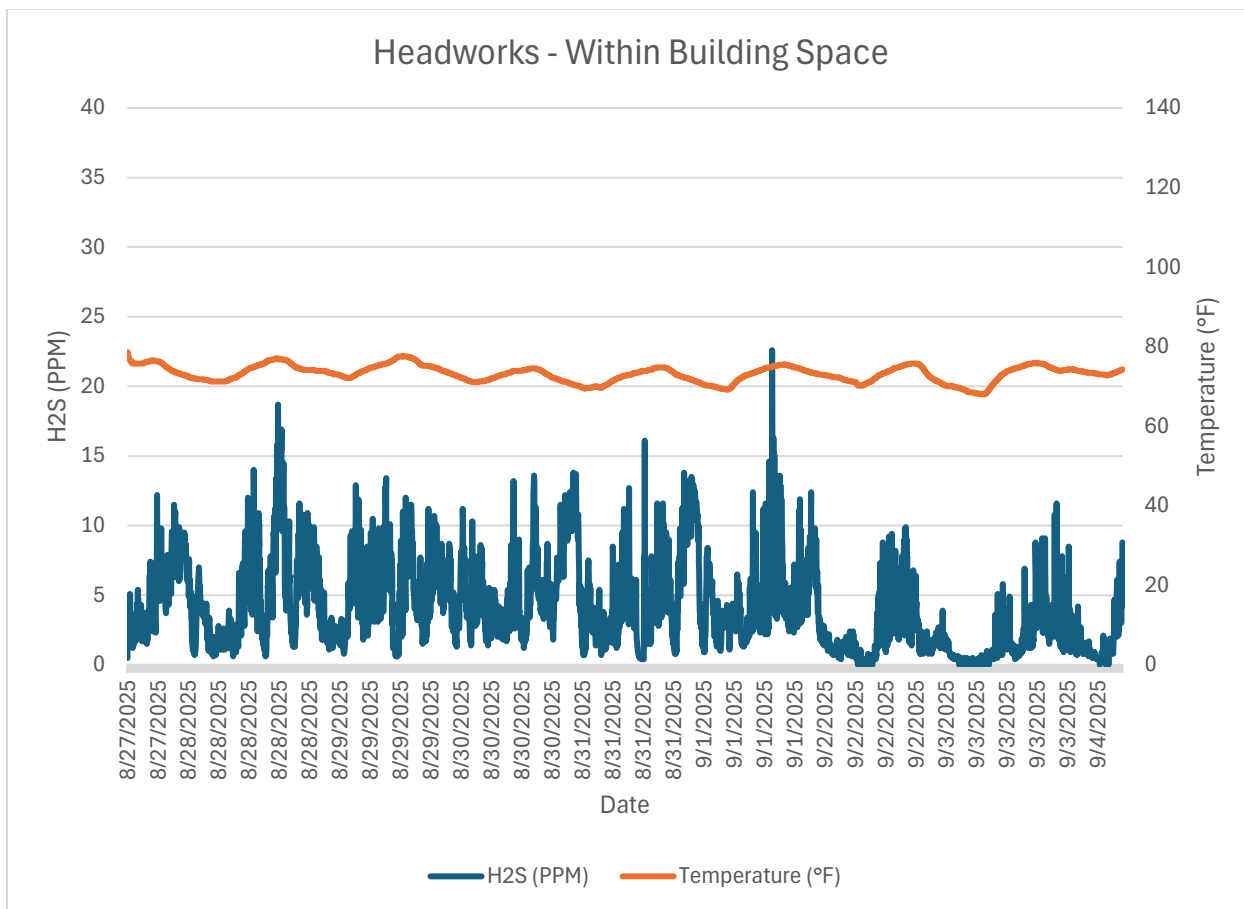
- 1 Marina - Store Front
- 2 Marina - Fenceline
- 3 Maritime Museum
- 4 Chesapeake Harbour - Tennis Courts
- 5 Chesapeake Harbour Along Roadway - East
- 6 Chesapeake Harbour Drive E - West
- 7 Chesapeake Harbour Drive E - East (Guard Shack)



*Monitor 1a Within WRF: Influent Pump Station Wet Well Odor Control System Intake  
H2S PPM September, 2025  
Monitor was taken out of service (OOS) on 9/4/25 for calibration.*

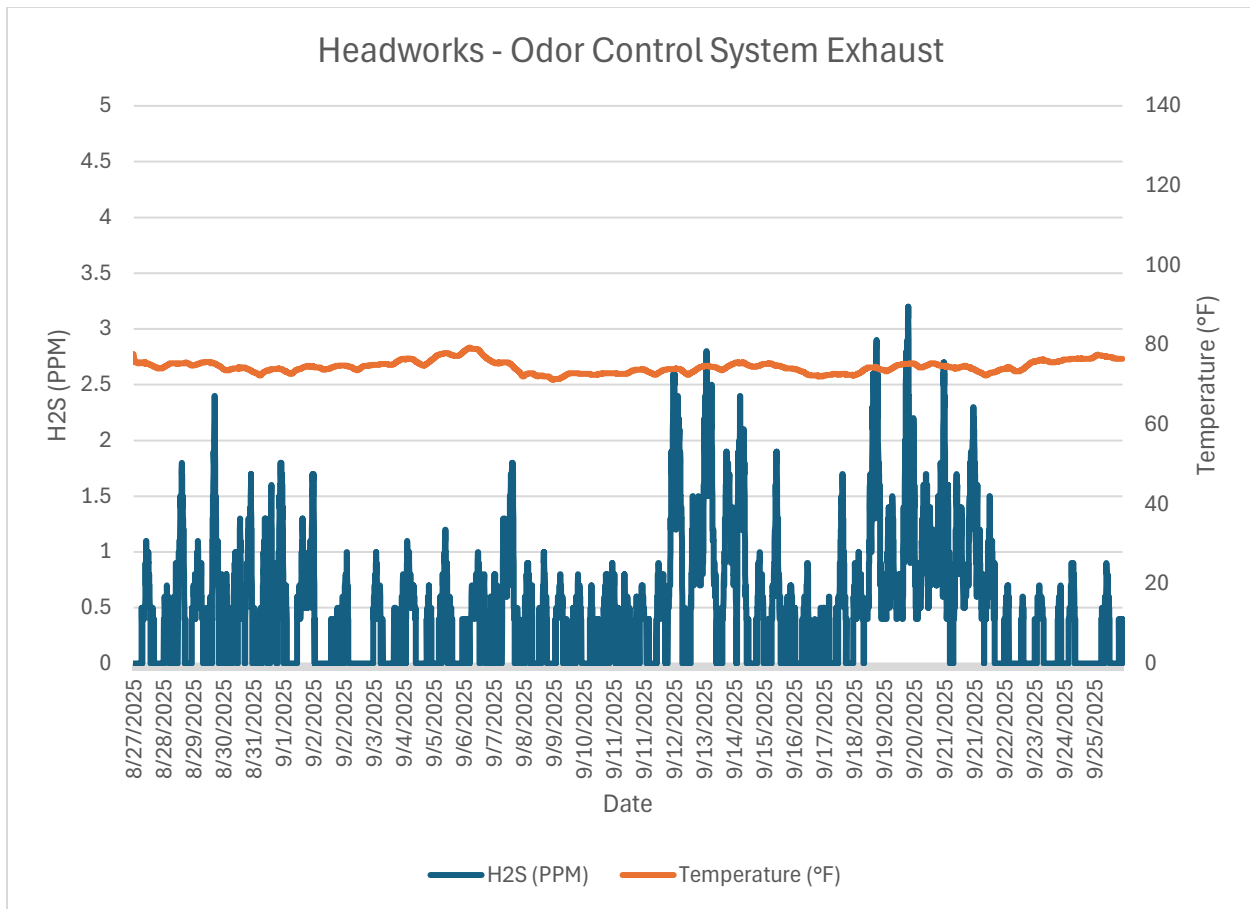


**Monitor 1b Within WRF: Influent Pump Station Wet Well Odor Control System Exhaust H2S PPM September, 2025**

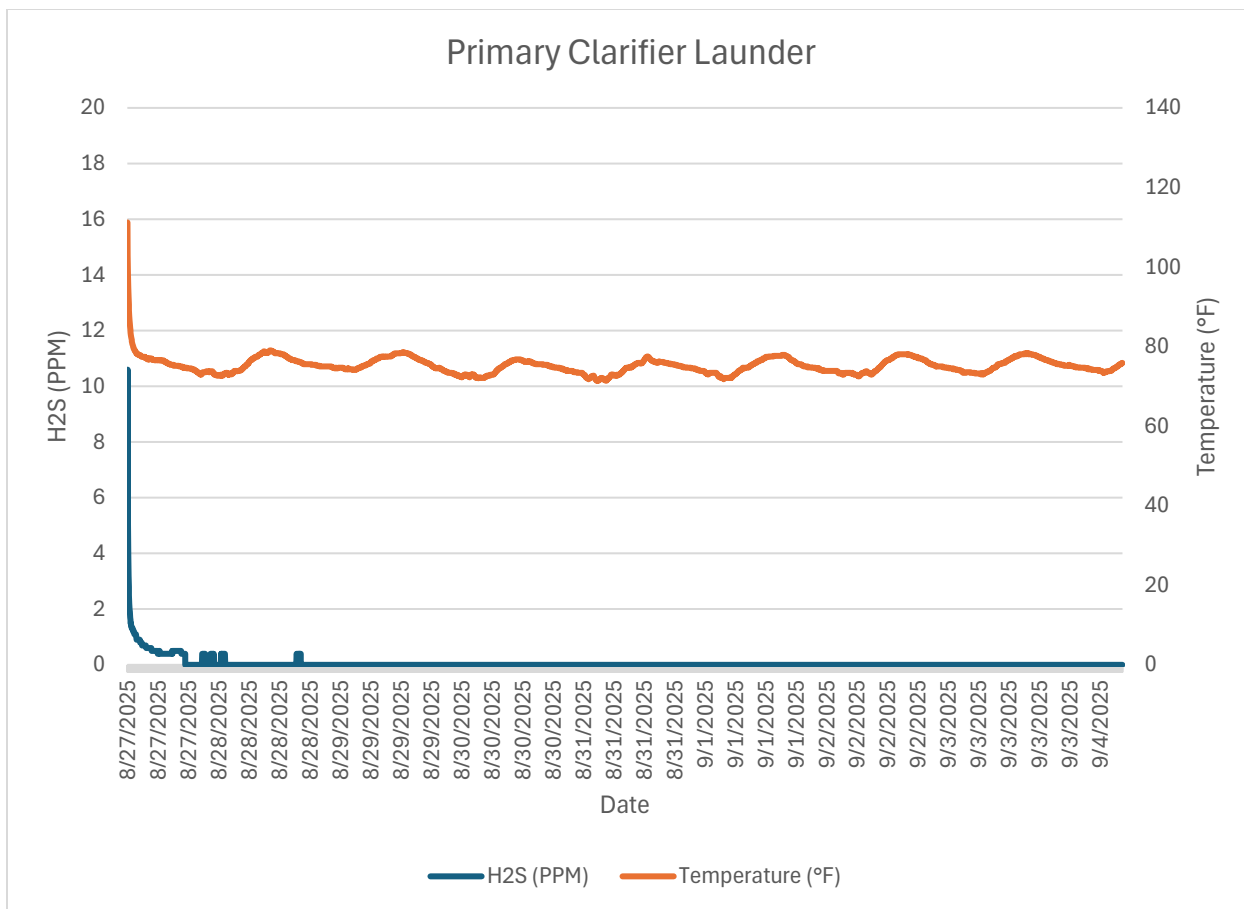


*Monitor 2a Within WRF: Headworks – Within Building Space H2S PPM September, 2025*

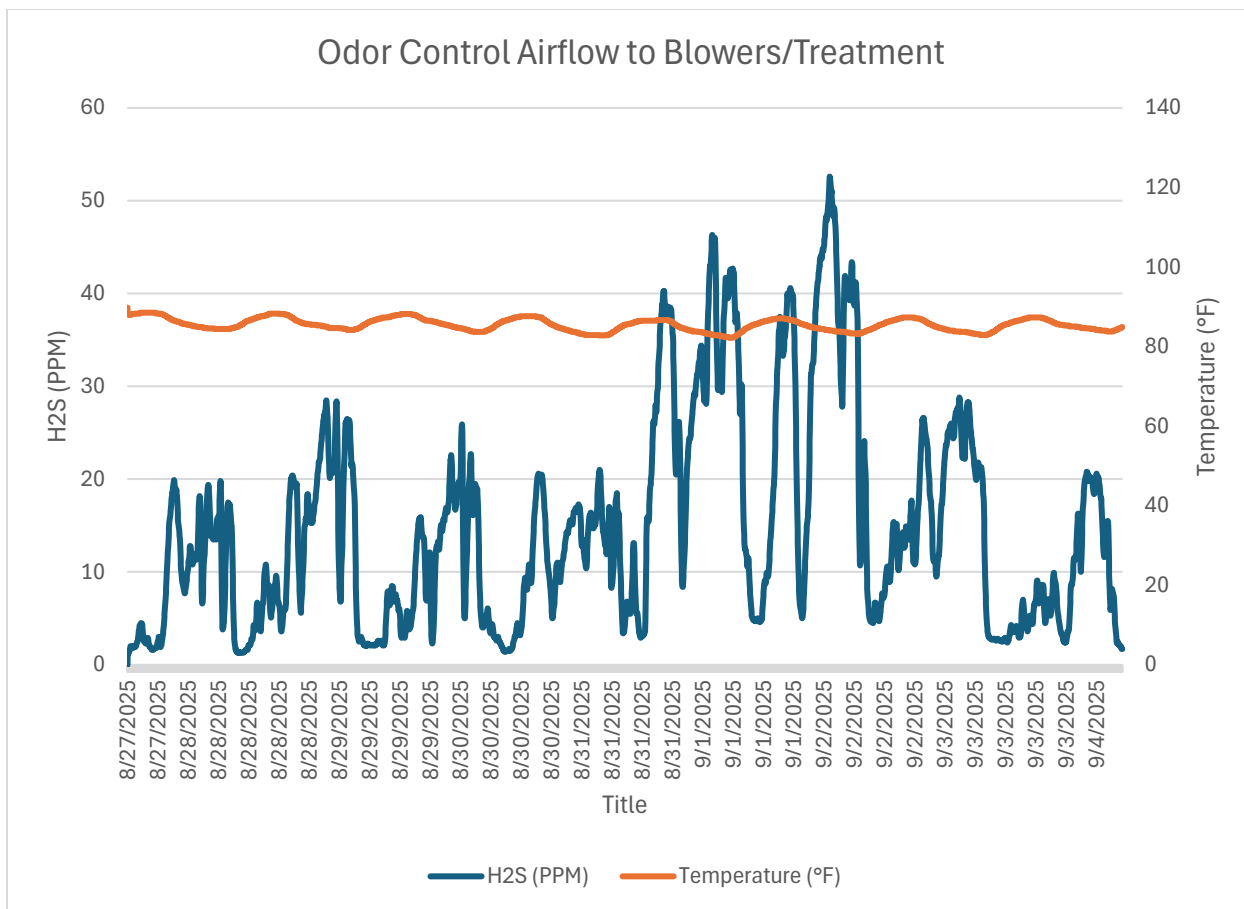
*Monitor was taken OOS on 9/4/25 for calibration.*



**Monitor 2b Within WRF: Headworks Odor Control System Exhaust H2S PPM**  
**September, 2025**

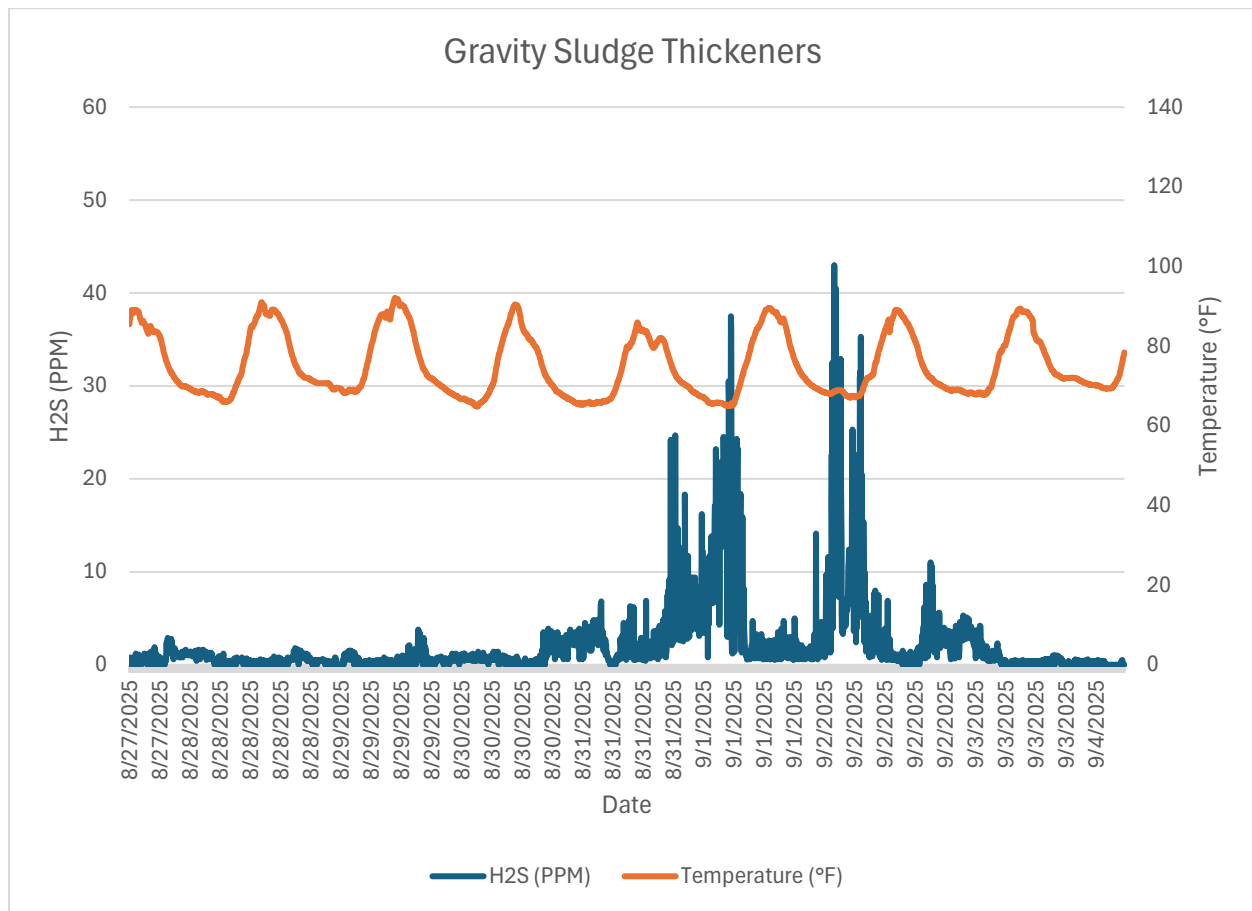


***Monitor 3 Within WRF: Primary Clarifier Launder H2S PPM September, 2025***  
***Monitor was taken OOS on 9/4/25 for calibration.***

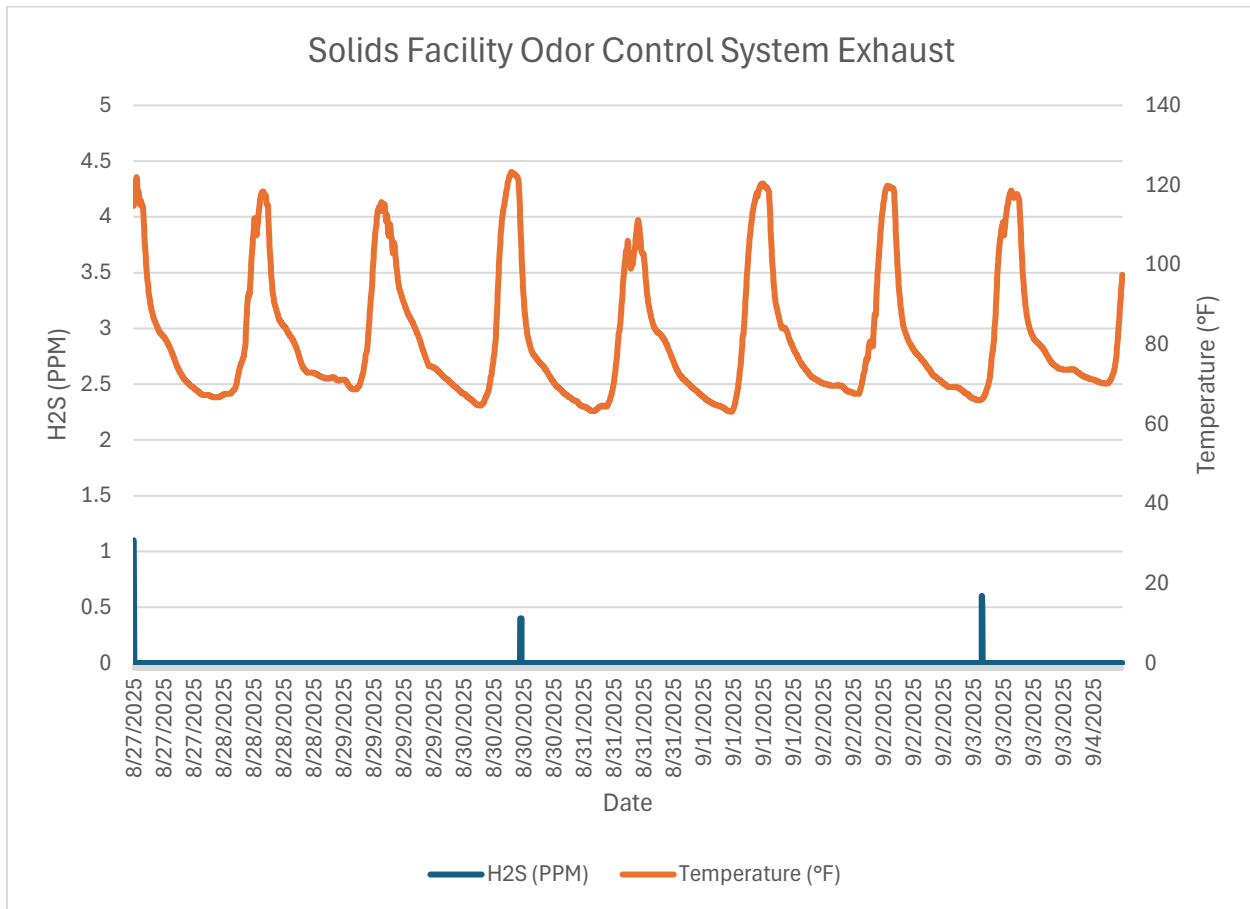


**Monitor 4 Within WRF: Odor Control Airflow to Blowers/Treatment H2S PPM  
September, 2025**

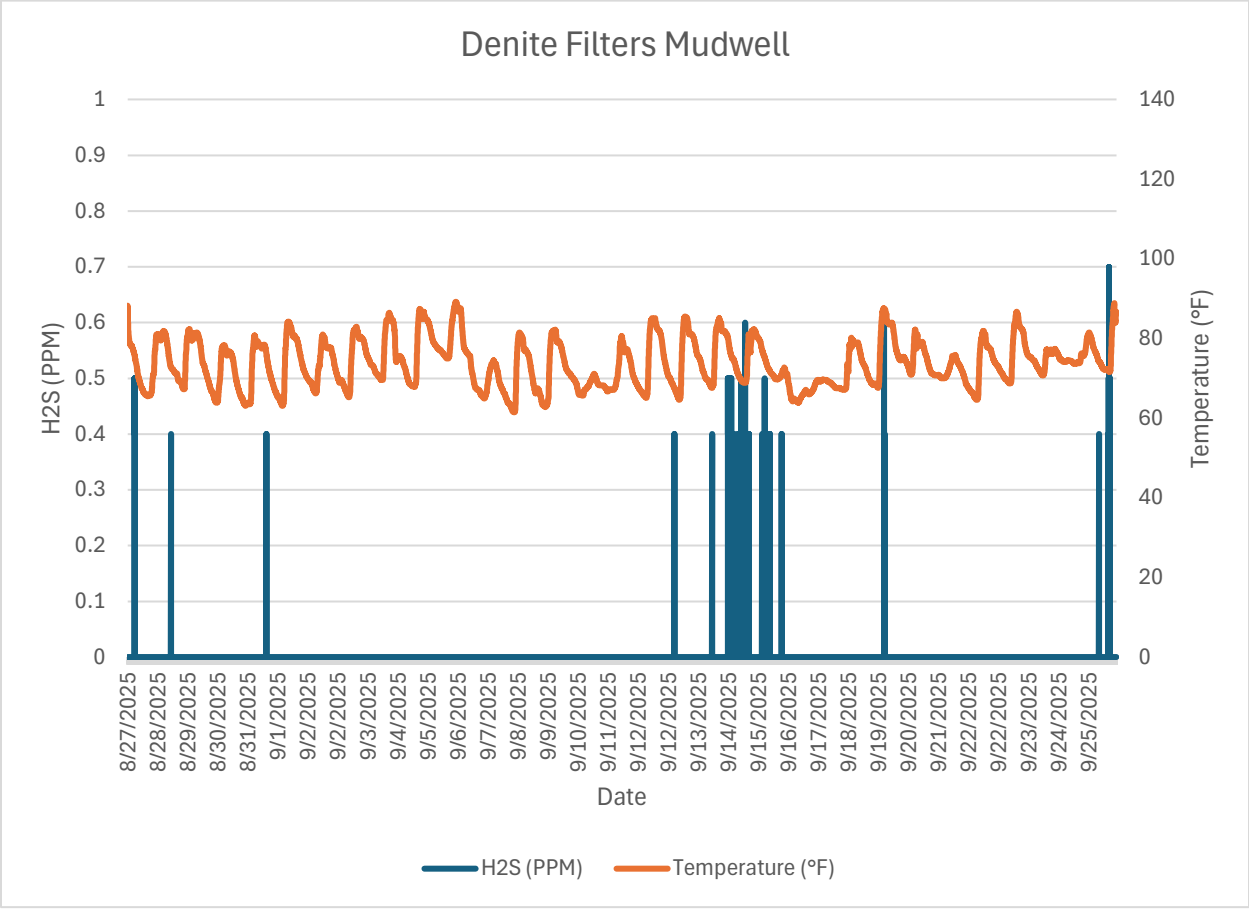
*Monitor was taken OOS on 9/4/25 for calibration.*



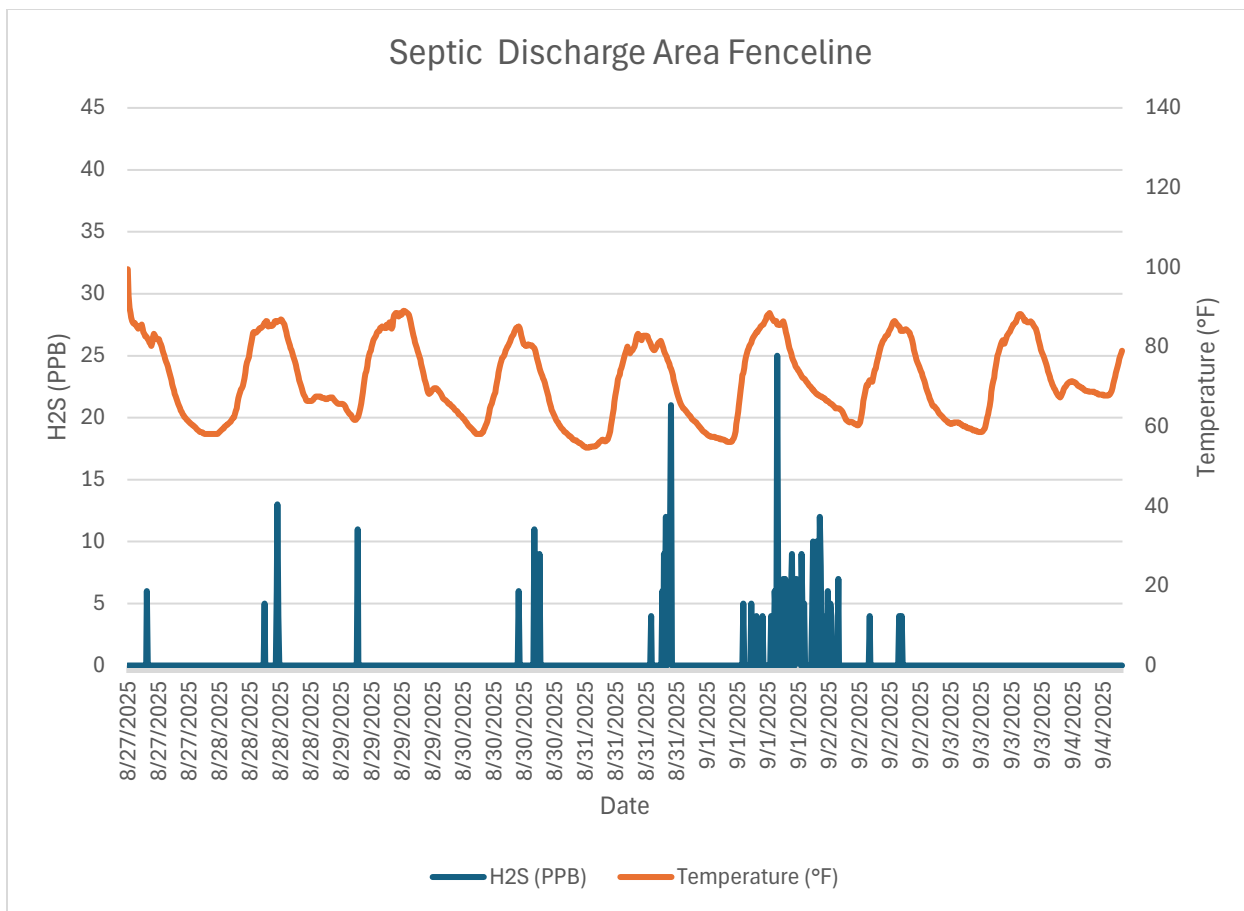
*Monitor 5 Within WRF: Gravity Sludge Thickener H2S PPM September, 2025  
Monitor was taken OOS on 9/4/25 for calibration.*



**Monitor 6 Within WRF: Solids Facility Odor Control System Exhaust H2S PPM**  
**September, 2025**  
 Monitor was taken OOS on 9/4/25 for calibration.

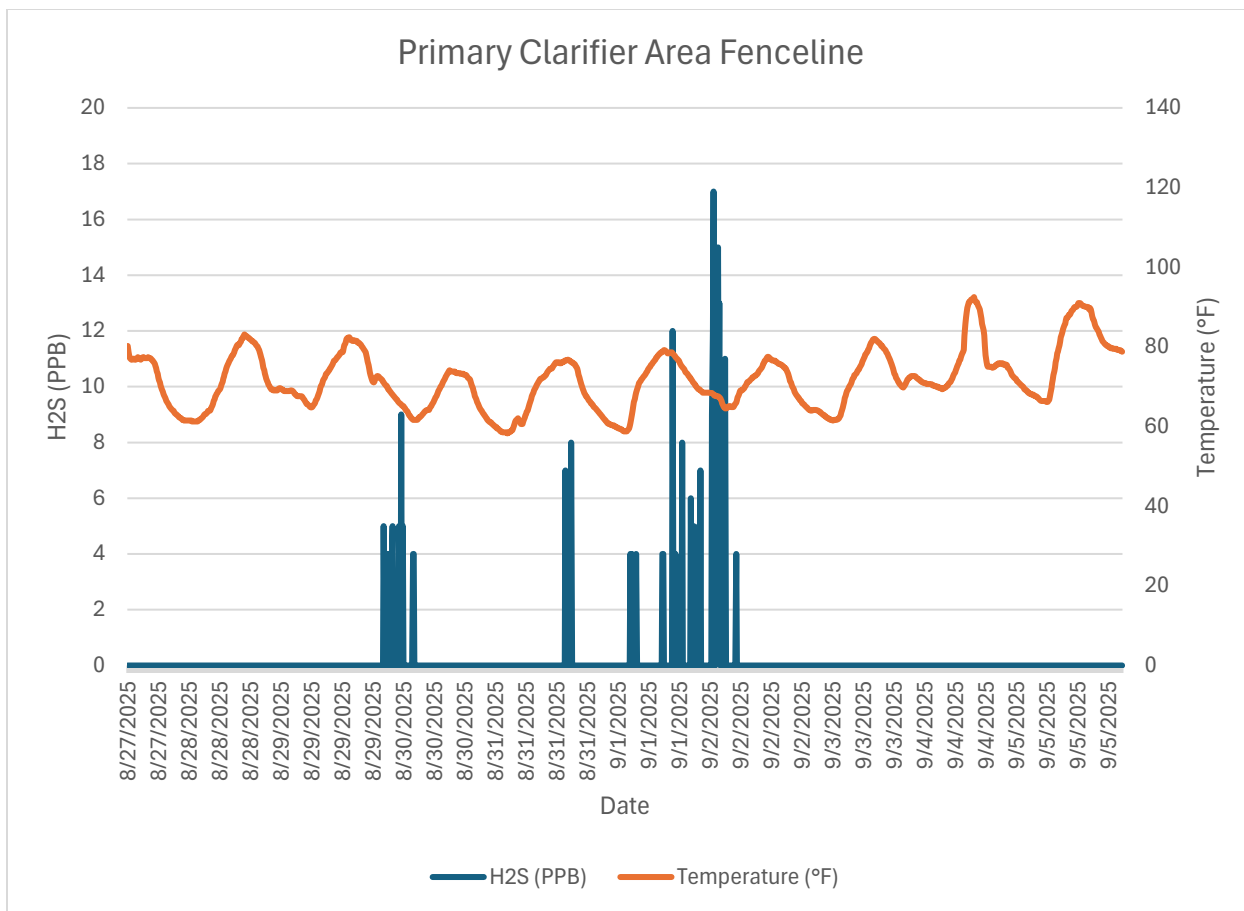


Monitor 7 Within WRF: Denite Filters Mudwell H2S PPM September, 2025



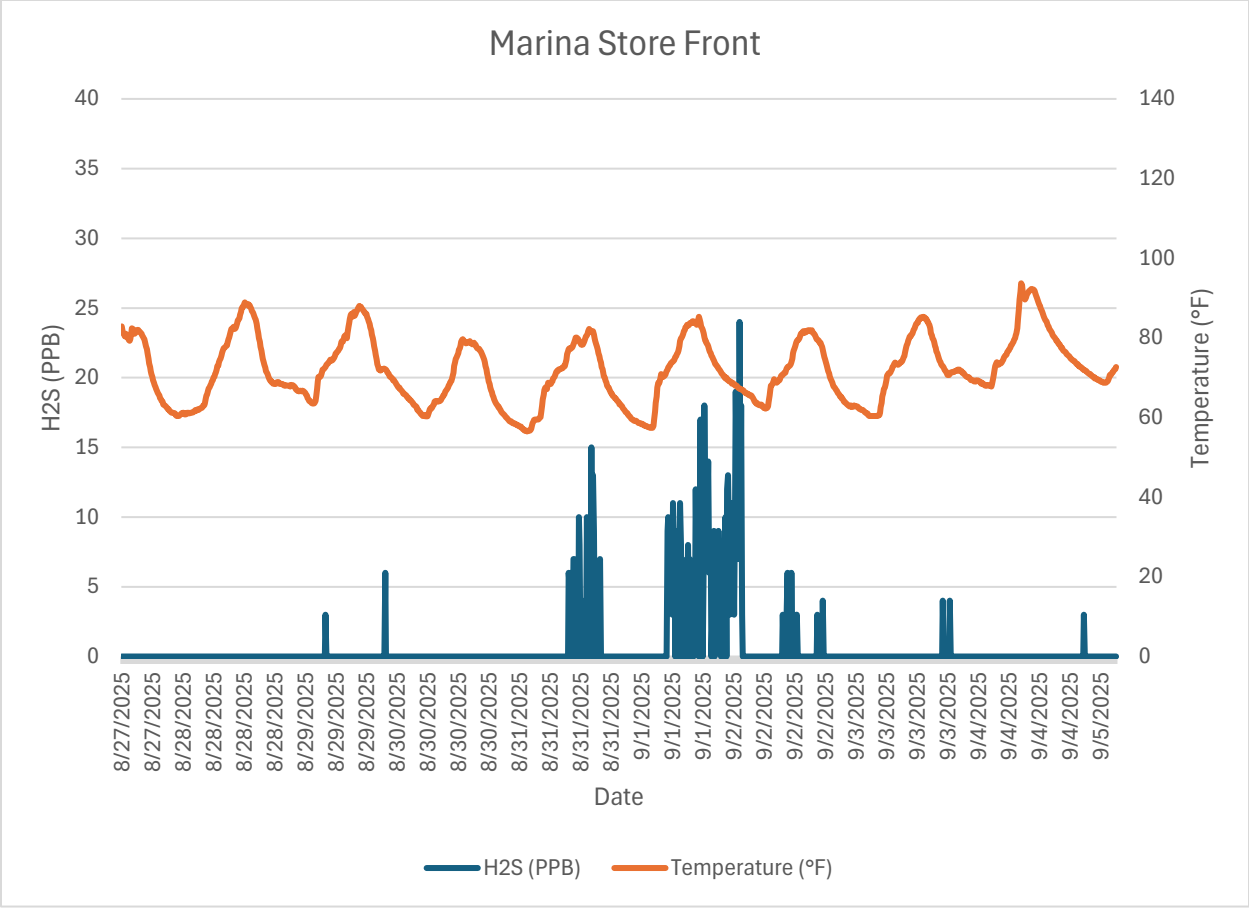
**Monitor 1 Fenceline: Septic Discharge Area Fenceline H2S PPB September, 2025**

*Monitor was taken OOS on 9/4/25 for calibration.*

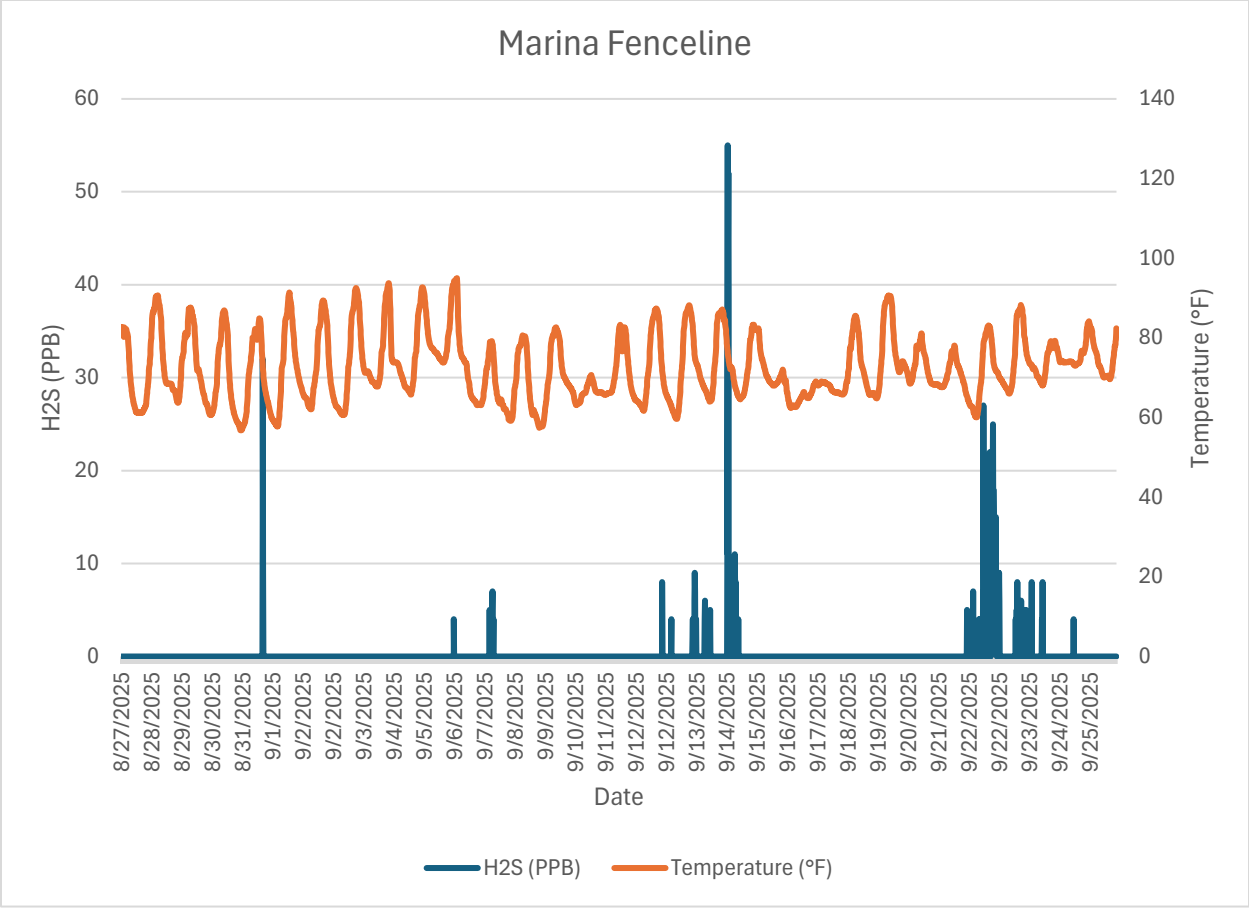


*Monitor 2 Fenceline: Primary Clarifier Area Fenceline H2S PPB September, 2025*

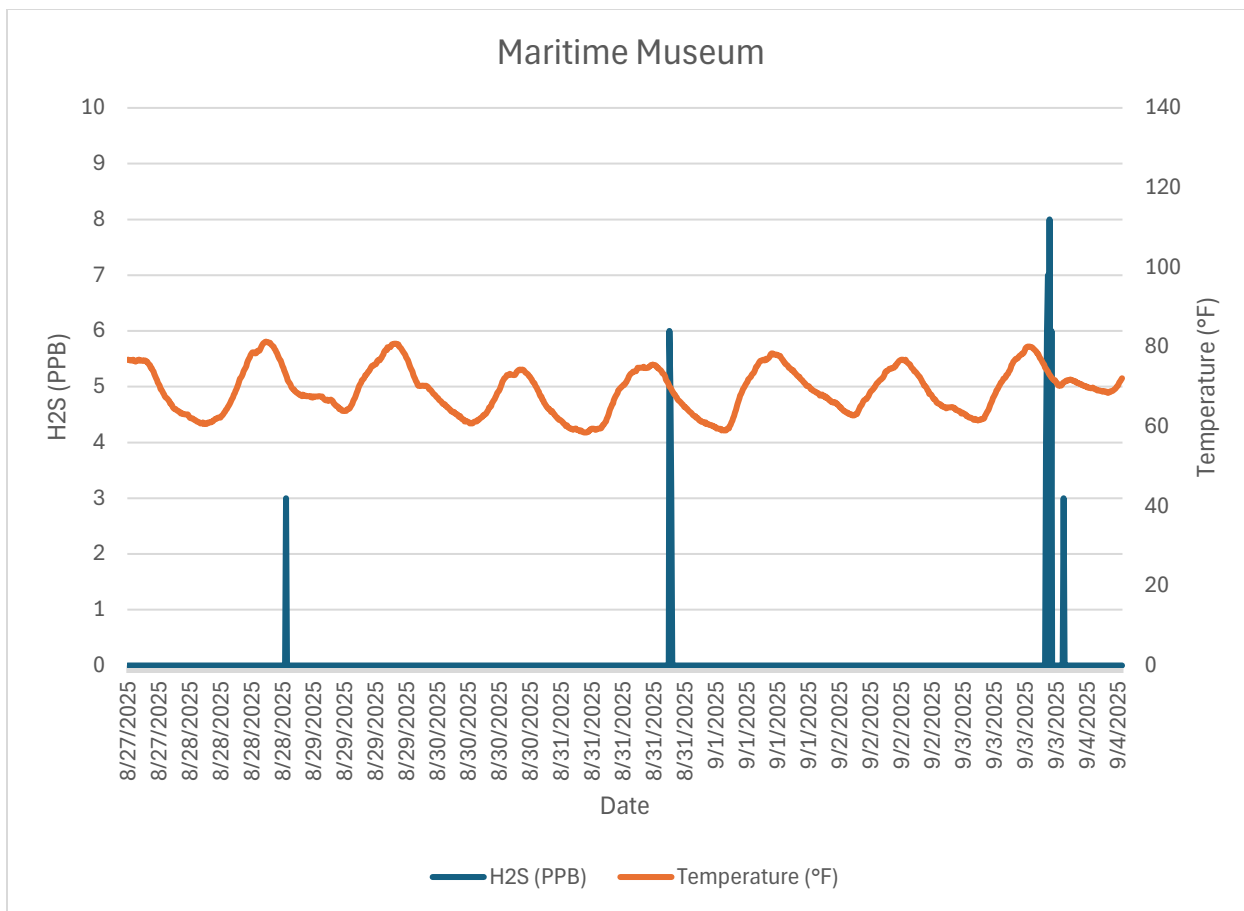
*Monitor was OOS after 9/4/2025.*



*Monitor 1 Neighborhood: Marina – Store Front H2S PPB September, 2025*

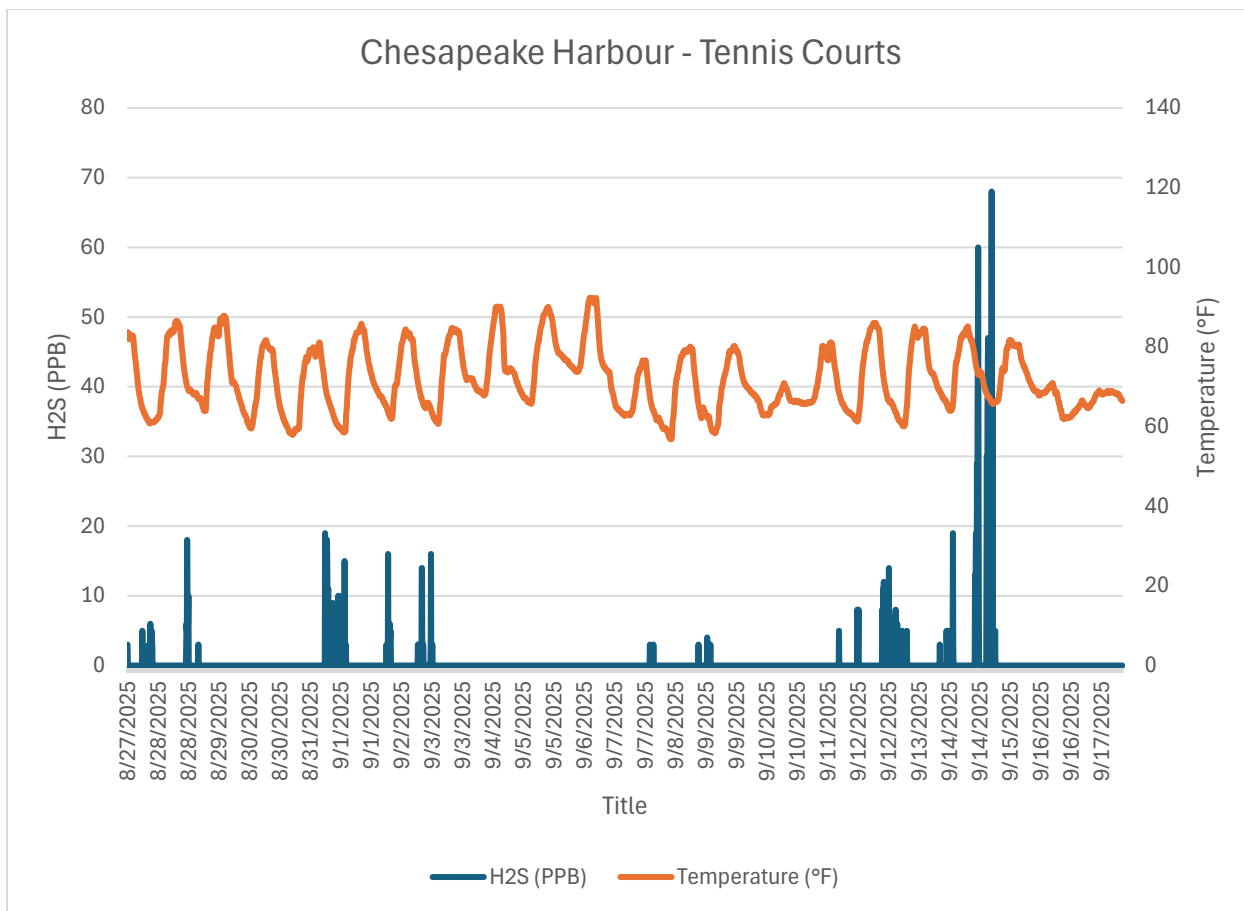


Monitor 2 Neighborhood: Marina – Fenceline H2S PPB September, 2025



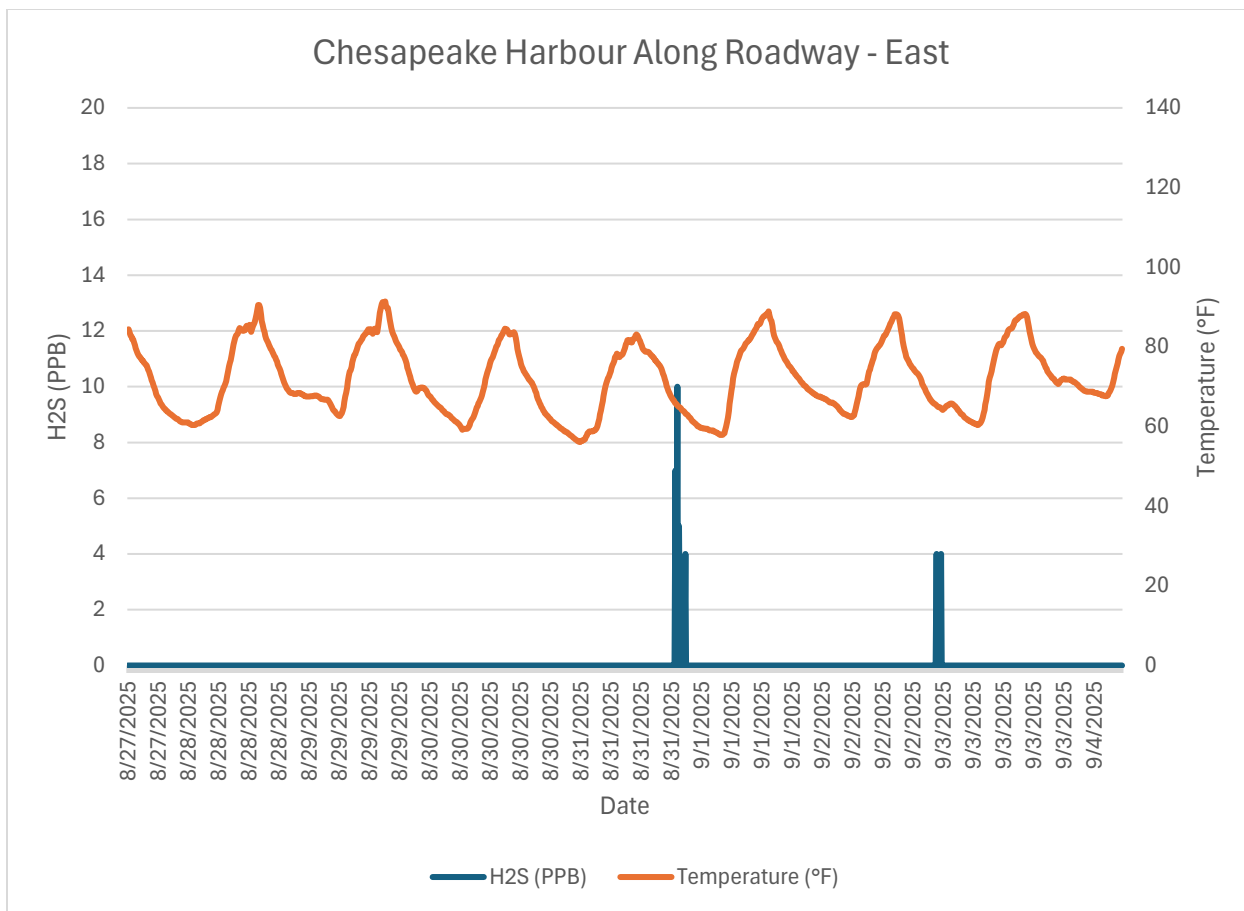
*Monitor 3 Neighborhood: Maritime Museum H2S PPB September, 2025*

*Monitor taken OOS on 9/4/25 for calibration.*



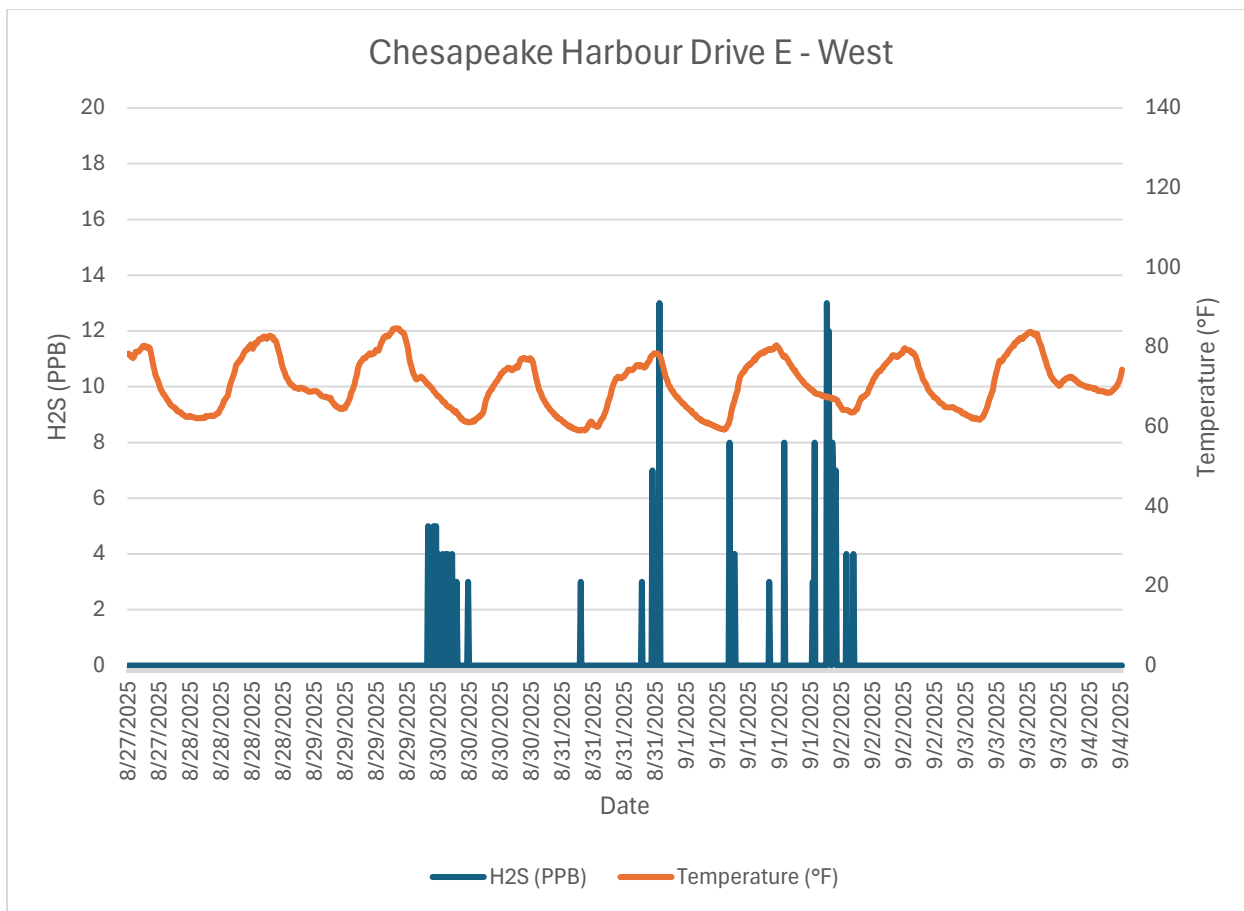
*Monitor 4 Neighborhood Chesapeake Harbour – Tennis Courts H2S PPB September, 2025*

*Monitor no longer collected data after 9/17/25.*



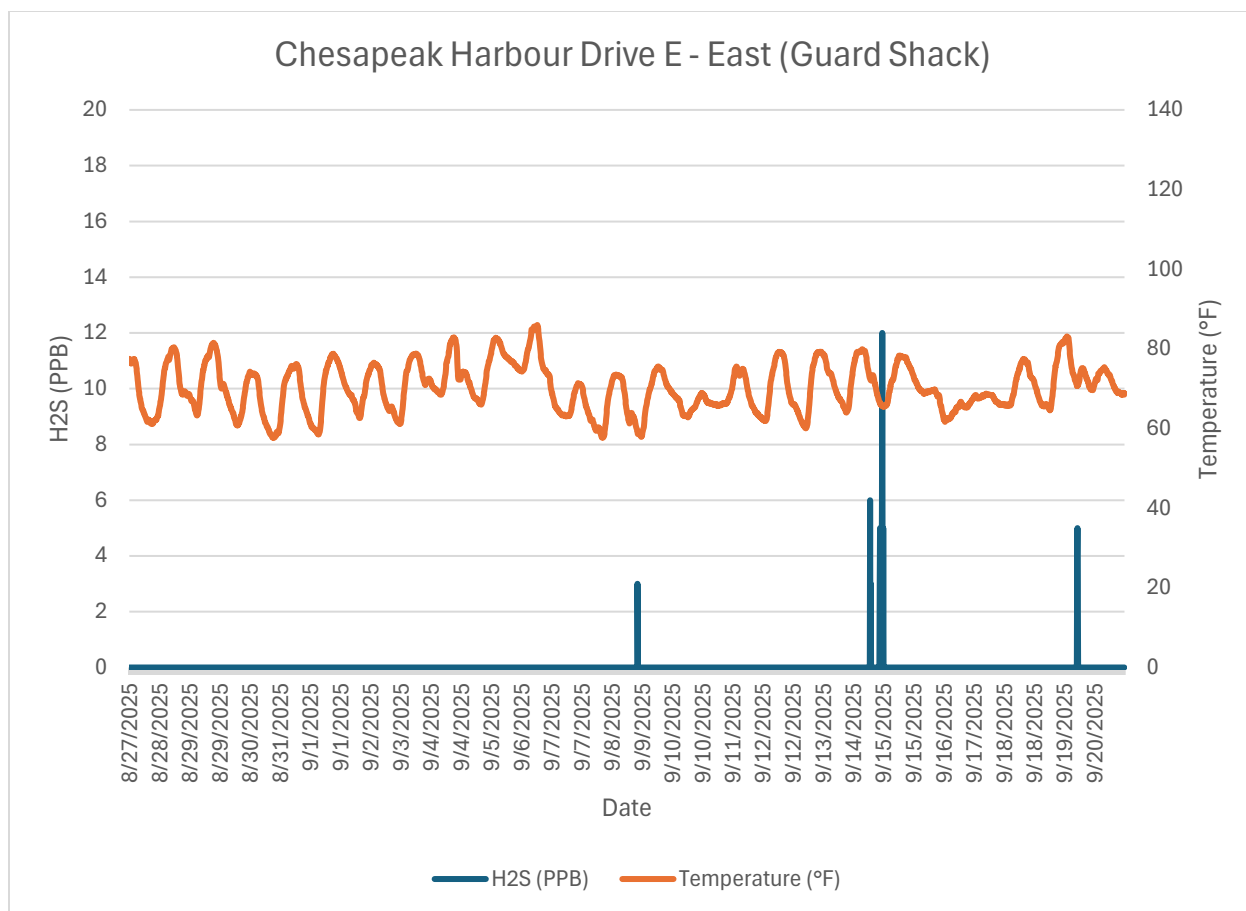
**Monitor 5 Neighborhood Chesapeake Harbour Along Roadway - East H2S PPB  
September, 2025**

*Monitor taken OOS on 9/4/25 for calibration.*



*Monitor 6 Neighborhood Chesapeake Harbour Drive E - West H2S PPB September, 2025*

*Monitor taken OOS on 9/4/25 for calibration.*



**Monitor 7 Neighborhood Chesapeake Harbour Drive E - East (Guard Shack) H2S PPB September, 2025**

*Monitor no longer collected data after 9/20/25*