

Please read this important information regarding the testing results.

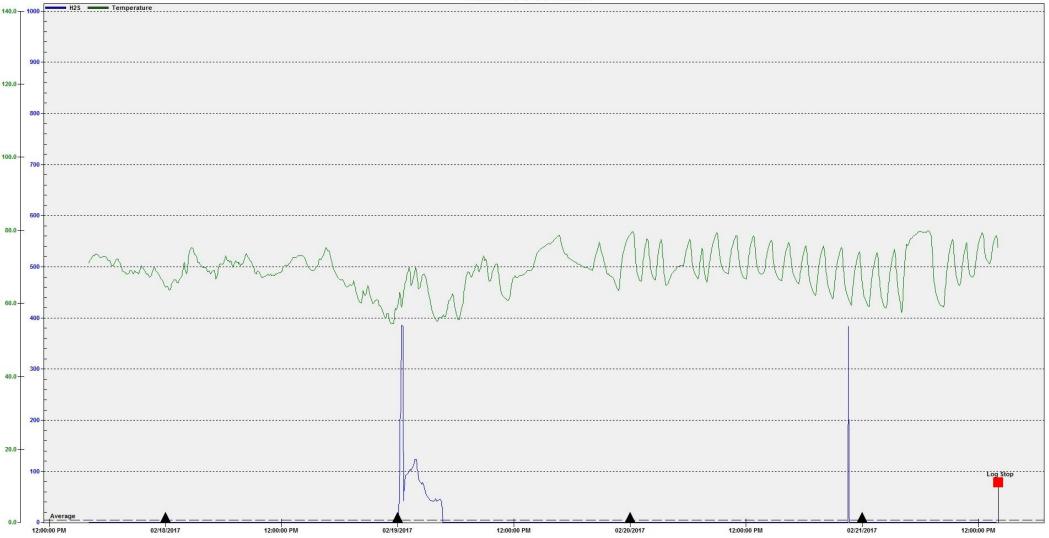
All sampling results presented have been collected during the period of wastewater by-pass around the Big Ox Facility. Samples were collected within the sanitary sewer pipes and manholes. These locations are classified as non-occupied, hazardous locations, and are not regulated to specific H2S limits or criteria. All personnel entering the sewer system must do so using a permitted confined space entry with appropriate gas monitoring.

It is normal to find H2S at varying concentrations in sanitary sewer pipes and manholes. The overall average H2S concentration at all locations since the start of sampling is below 20 ppm. These averages are the result of thousands of measurements taken by an instrument that records a measurement every 2-minutes. Because these locations are classified as confined spaces, they are not subject to OSHA Worker Exposure Limits. The comparative OSHA worker exposure limits for general industry is "exposures must not exceed 20 ppm (ceiling) with the following exception: if no other measurable exposure occurs during the 8-hour work shift, exposures may exceed 20 ppm, but not more than 50 ppm (peak), for a single time period up to 10 minutes."

Sampling results have shown H2S odors from other sources than the Roth Industrial Park (where Big-Ox is located). Further investigation is underway to determine the source and extent of the issue. Since the City implemented the Hydrogen Peroxide feed on E.39th Street and Dakota Avenue, H2S concentrations have decreased in the sewer line on E.39th Street, west of the plug at G Street.

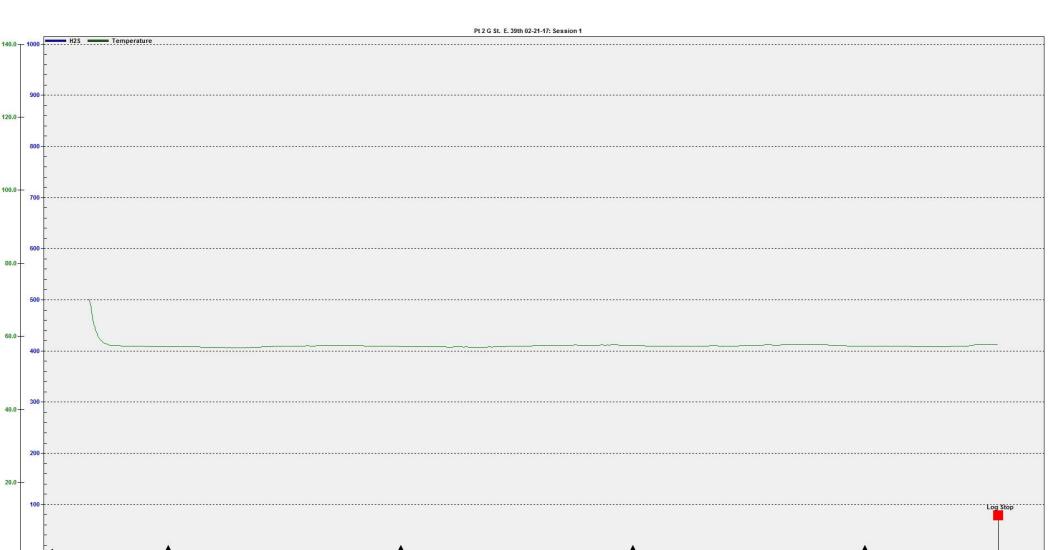
A significant spike in H2S concentration (above 1,000 ppm) was measured between 6-9 pm on November 16th at Locations 4 and 5. At this point in time the source of the spike is unknown. The nature and short duration of the spike would typically suggest an industrial discharge. This has been the only unusual spike measured between Nov 9 and Nov 26.





Period Displayed: 02/17/2017 - 02/21/2017 (Oda File: Pt 1 Dakota Ave BPI Dr. 02-21-17.oda – Serial Number: Odalog Type L2-RTx 03102522 instrument Range 0-0PPM)

Average 5 A Day Transition Min 0 Max 386 (Use Screen Data Only)



Period Displayed: 02/17/2017 - 02/21/2017 (Oda File: Pt 2 G St. E. 39th 02-21-17.oda -- Serial Number: Odalog Type L2-RTx 02203586 Instrument Range 0-0PPM)

12:00:00 PM

02/19/2017

02/18/2017

Average 0 A Day Transition Min 0 Max 3 (Use Screen Data Only)

02/20/2017

12:00:00 PM

12:00:00 PM

02/21/2017

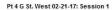
12:00:00 PM

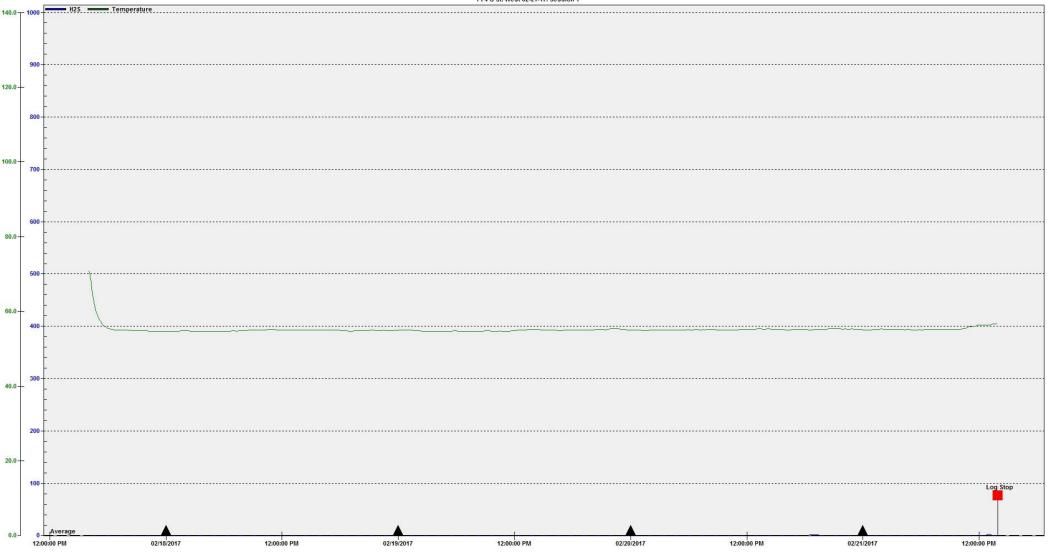




Period Displayed: 02/17/2017 - 02/21/2017 (Oda File: Pt 3 Bennet 02-21-17.oda -- Serial Number: Odalog Type L2-RTx 04406197 Instrument Range 0-0PPM)

Average 3 A Day Transition Min 1 Max 8 (Use Screen Data Only)





Period Displayed: 02/17/2017 - 02/21/2017 (Oda File: Pt 4 G St. West 02-21-17.oda -- Serial Number: Odalog Type L2-RTx 08406477 Instrument Range 0-0PPM)

Average 0 🛕 Month Transition Min 0 Max 3 (Use Screen Data Only)