

## **Envirosuite Quarter Four 2022 Report (October - December)**

### Envirosuite Service Technician Visits:

Date of Service: October 6<sup>th</sup>, 2022

Field Technician: Efrain Castro

Monitors: Krom and Prouty & Gull and Riverview

Summary: Corrected problem with monitor at Gull and Riverview, found that the (Caripol) H<sub>2</sub>S sensor was defective and replaced. Inspected Krom and Prouty and found a defective board (Ayekka Wavelet), sending replacement board for Krom and Prouty.

Date of Service: October 18<sup>th</sup>, 2022

Field Technician: Ed Marnon

Monitors: Krom and Prouty

Summary: Replaced the Ayekka Wavelet at Krom and Prouty, reset the unit after replacement.

Date of Service: November 4<sup>th</sup>, 2022

Field Technician: Efrain Castro

Monitors: Krom and Prouty

Summary: Efrain restored the monitor with updated serial number of new Wavelet. Monitor is now showing up on ES2/Omnis interface.

Date of Service: November 17<sup>th</sup>, 2022

Field Technician: Efrain Castro

Monitors: Rockwell Park & Verburg Park

Summary: Efrain swapped the Wavelet at Rockwell Park with unit from Krom Park, monitor still not communicating back to Omnis. Additionally, Efrain inspected and advised the Wavelet at Verburg Park needs replaced as well. Replacement Wavelet units being sent to City of Kalamazoo.

Date of Service: December 9<sup>th</sup>, 2022

Field Technician: Ed Marnon

Monitors: Verburg Park

Summary: Installed the replacement Wavelet into the Verburg monitor and reset unit.

### Envirosuite Meeting:

General Discussion

Date of Meeting: October 27<sup>th</sup>, 2022

Summary: Met with Andres Quijano and Greg Bracci to discuss VOC addition to Envirosuite monitors. Introduced Envirosuite to co-founder/CEO of Just Air, Darren Riley and the air quality monitors they supply.

Significant Envirosuite Monitor Data Outages\*:

Fine Screens monitor experienced an extended outage Nov. 29<sup>th</sup> - Dec. 1<sup>st</sup>

Gull & Riverview monitor experienced a partial outage Dec. 26<sup>th</sup>

Gull & Riverview monitor experienced an extended outage from Oct. 1<sup>st</sup> - 6<sup>th</sup>, Nov. 29<sup>th</sup> - Dec. 1<sup>st</sup>

Hospital monitor experienced a partial outage Oct. 29<sup>th</sup>, 31<sup>st</sup>, Nov. 1<sup>st</sup>, 12<sup>th</sup> - 17<sup>th</sup>, 20<sup>th</sup>, 25<sup>th</sup>, 28<sup>th</sup> - 30<sup>th</sup>,  
Dec. 3<sup>rd</sup> - 7<sup>th</sup>

Hospital monitor experienced an extended outage Nov. 29<sup>th</sup> - Dec 1<sup>st</sup>, Dec. 9<sup>rd</sup> - 31<sup>st</sup>

Industrial Chamber monitor experienced an extended outage Nov. 29<sup>th</sup> - Dec. 1<sup>st</sup>

Krom & Prouty monitor experienced an extended outage from Oct. 3<sup>st</sup> - 18<sup>th</sup>

Northside Association monitor experienced an extended outage Dec. 18<sup>th</sup> - 31<sup>st</sup>

Raw Pumping Station monitor experienced a partial outage on Oct. 12<sup>th</sup>

Raw Pumping Station monitor experienced an extended outage Nov. 29<sup>th</sup> - Dec. 1<sup>st</sup>

Rockwell monitor experienced a partial outage Dec. 25<sup>th</sup> - 26<sup>th</sup>

Rockwell Park monitor experienced an extended outage from Oct. 18<sup>th</sup> - Nov. 15<sup>th</sup>

Sludge Storage Facility monitor experienced a partial outage Nov. 7<sup>th</sup>, Dec. 19<sup>th</sup>, 25<sup>th</sup>

Sludge Storage Facility monitor experienced an extended outage Nov. 29<sup>th</sup> - Dec. 1<sup>st</sup>

Secondary Clarifier #2 monitor experienced an extended outage from Nov. 14<sup>th</sup> - Dec. 1<sup>st</sup>

Secondary Clarifier #8 monitor experienced an extended outage from Nov. 17<sup>th</sup> - 30<sup>th</sup>, Dec. 4<sup>th</sup> - 31<sup>st</sup>

Verburg Park monitor experienced an extended outage from Oct. 1<sup>st</sup> - Dec. 31<sup>st</sup>

*\*Applies to recorded 15-minute H<sub>2</sub>S data.*