



Carus Town Hall

July 2023

Agenda

- Welcome & Introductions
- Progress Update – Andy Johnston
- Insurance – Chryss Crockett
- Air Quality – Rich Landtiser
- Q&A - All

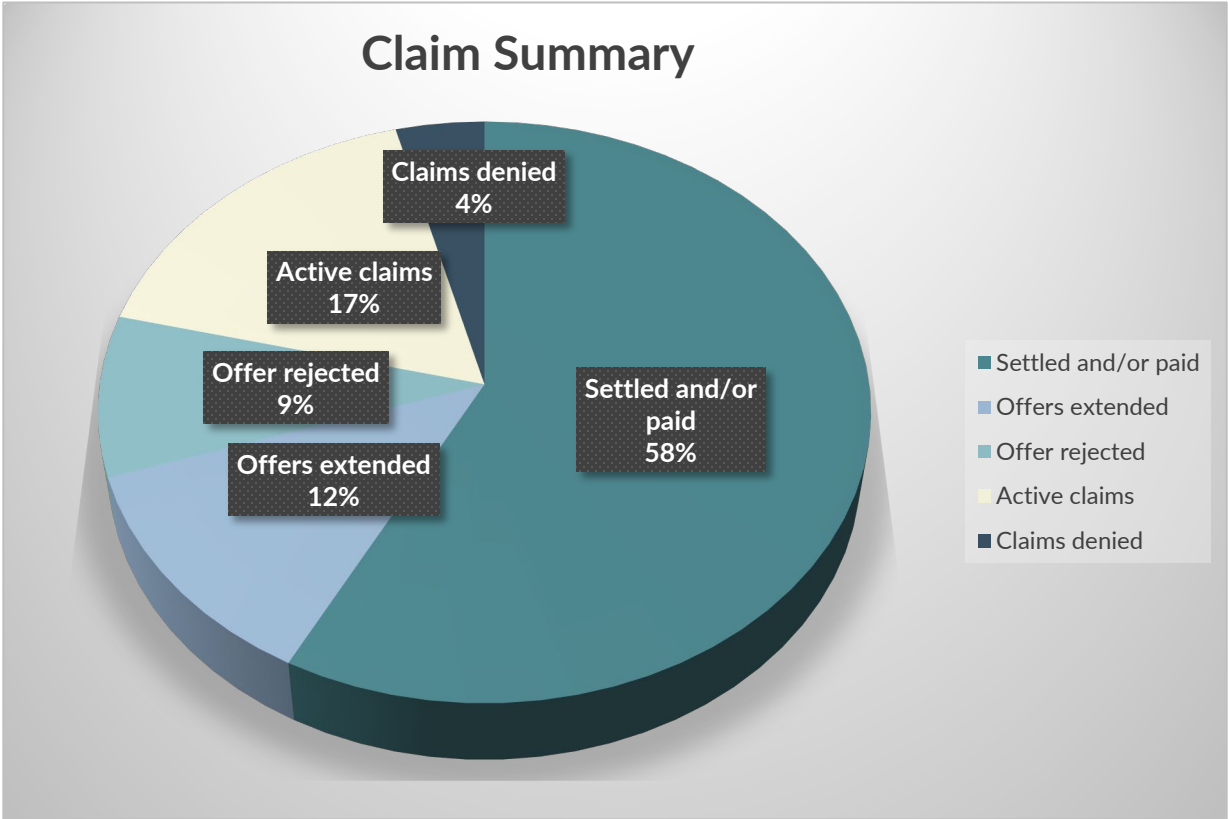
Progress Update

- Comprehensive list of FAQs developed & posted on our website
- Neighborhood visits & hotline
 - 37 individuals called the hotline
 - All followed up on by Carus leaders, mostly in person
- Apollo Warehouse
 - Warehouse was retired in June 2023
 - The building is now empty & no longer being used
- Air Monitor
 - Carus has donated an Air Monitor to the City of LaSalle
 - Alderman Joe Jeppson is working on a plan for setting it up
 - Administered by a 3rd party
- Community Emergency Response Plan
 - Task force will be formed of local officials, community members and Carus employees to develop a new, comprehensive community response plan to emergencies
 - Details to come by the end of July
- Insurance

Insurance

Insurance Claims, 7th July, 2023

	Claims	%
Settled and/or paid	71	58%
Offers extended	15	12%
Offer rejected	11	9%
Active claims	21	17%
Claims denied	5	4%
Total	123	100%



Air Monitoring

Thermal Decomposition of Potassium Permanganate

- When exposed to high temperatures, potassium permanganate undergoes a chemical reaction known as thermal decomposition.
- It breaks down into potassium manganate (green), manganese dioxide (black/brown), and oxygen.
- Potassium manganate is unstable and quickly breaks down to manganese dioxide (black/brown) and oxygen when exposed to air, moisture, or organic material.
- Manganese dioxide is a brown powder commonly found in soil

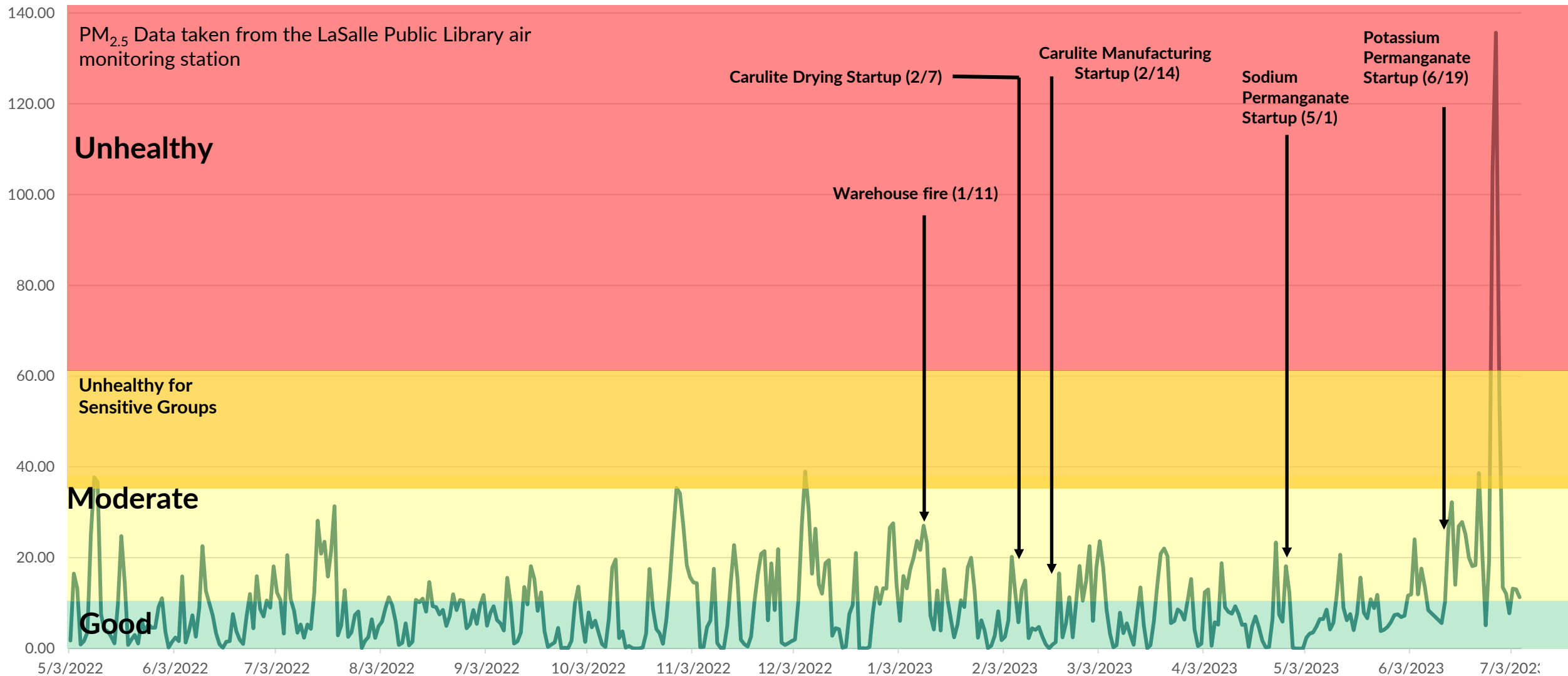
Analysis of Library Air Monitor Data

- Particulate matter(PM) in the air arises from a wide variety of sources – farms, cars, wild-fires, manufacturing operations etc
- The LaSalle Public Library air monitor measures particulate matter (PM) in the air – both PM2.5 and PM10
 - PM2.5 – particles $\leq 2.5 \mu\text{m}$ in size
 - PM10 – particles $\leq 10 \mu\text{m}$ is size. Note PM10 includes PM2.5
- Raw PM2.5 data from the LaSalle Library air monitor was downloaded
- Date range May 2022 to July 2023
- PM Categories
 - less than $12 \mu\text{g}/\text{m}^3$ indicates good air quality
 - between 12 and 35 is Moderate
 - between 35 and 55 is Unhealthy for Sensitive Groups
 - between 55 and 150 is Unhealthy
 - between 150 and 250 is Very Unhealthy
 - between 250 and 500 is Hazardous

Illinois average PM2.5 in 2020 was $19.9 \mu\text{g}/\text{m}^3$

LaSalle Public Library average PM2.5 was $8.72 \mu\text{g}/\text{m}^3$ over the time period

Library Air Monitoring PM_{2.5} - (μg/m³)



Key Takeaways

- During the fire, potassium permanganate was thermally decomposed
 - Any amount released into the community quickly decomposed upon exposure to air, moisture, and/or organic material (soil, grass, leaf litter)
- Library particulate air monitoring is unchanged from pre-fire (1/11/23) to post fire clean-up and plant restart

Next Steps

- We will continue to work with the local community
- We are committed to being a safe & responsible neighbor
- If you still have questions or concerns, please call our hotline (815-224-6662) and a member of the leadership team will get back to you
- We are happy to talk and meet in person

Thank You!