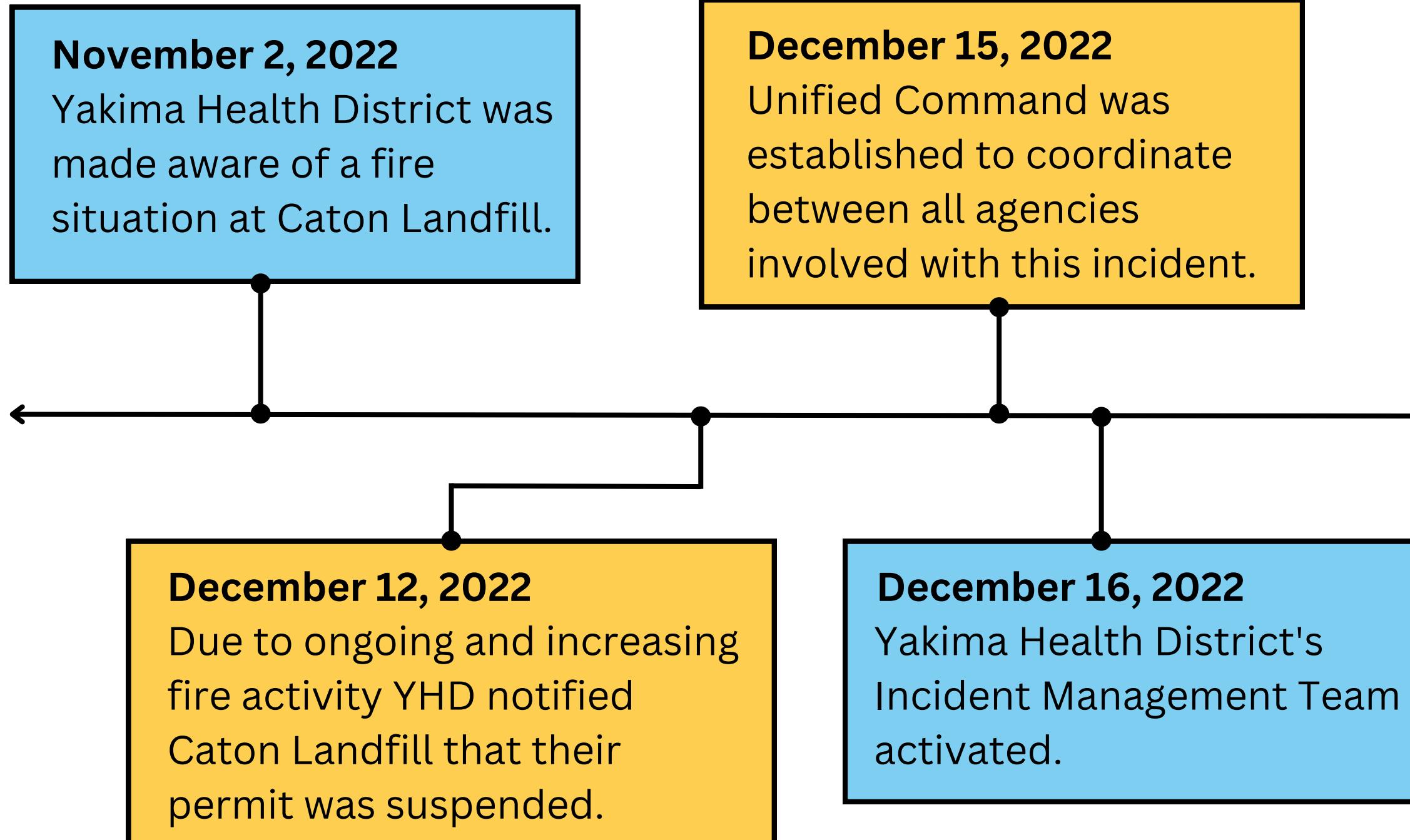


January 2023 Board of Health Spotlight

Caton Landfill Response



Background



December 11, 2022 - Huge fire at Caton Landfill.

Emergency Management Response



Potential threat to public



Potential threat to environment



Potential threat to Caton Landfill staff



Regulatory responsibility



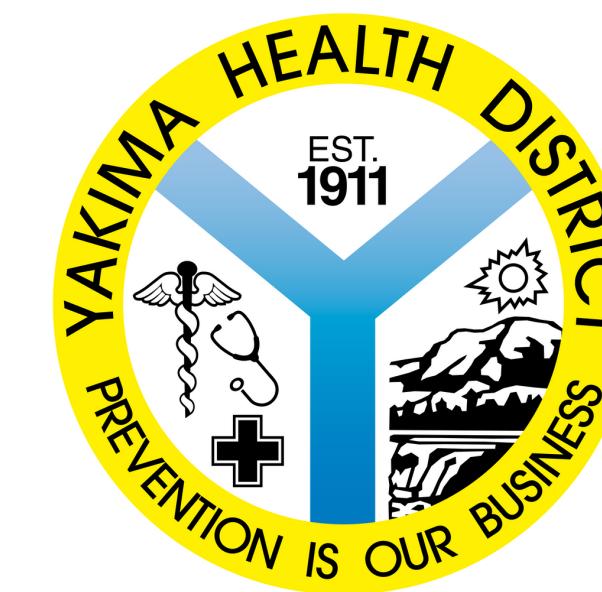
Partner Organizations



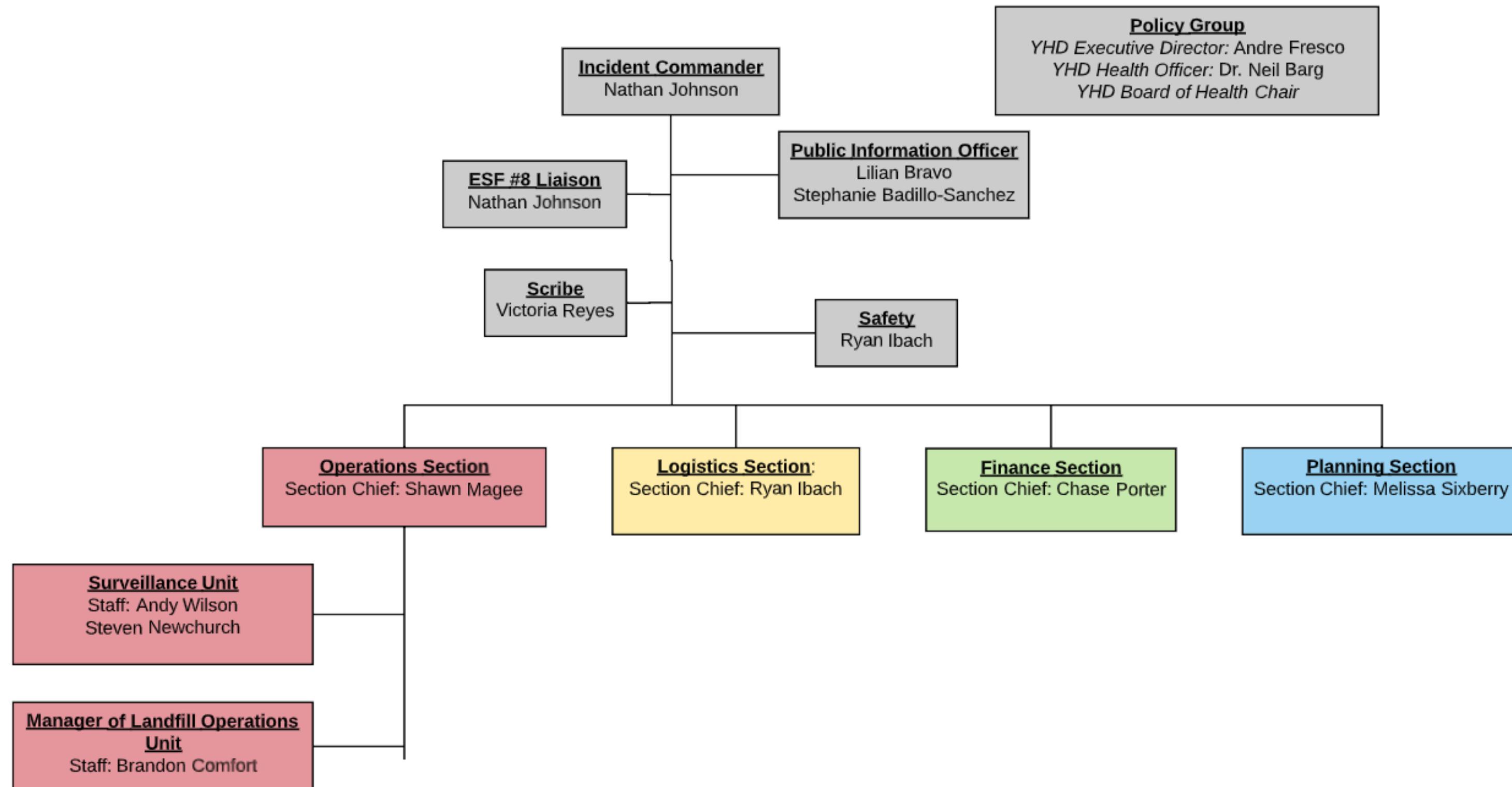
United States
Environmental Protection
Agency



DEPARTMENT OF
ECOLOGY
State of Washington



YHD Incident Management Team



Actions Taken

- Continuous air sampling, data collection
 - Monitors within the landfill
 - Monitors placed off-site
- Continuous monitoring for subsurface fire activity
 - Bar hole monitoring
- Continuous multi-agency meetings to review data



Actions Taken

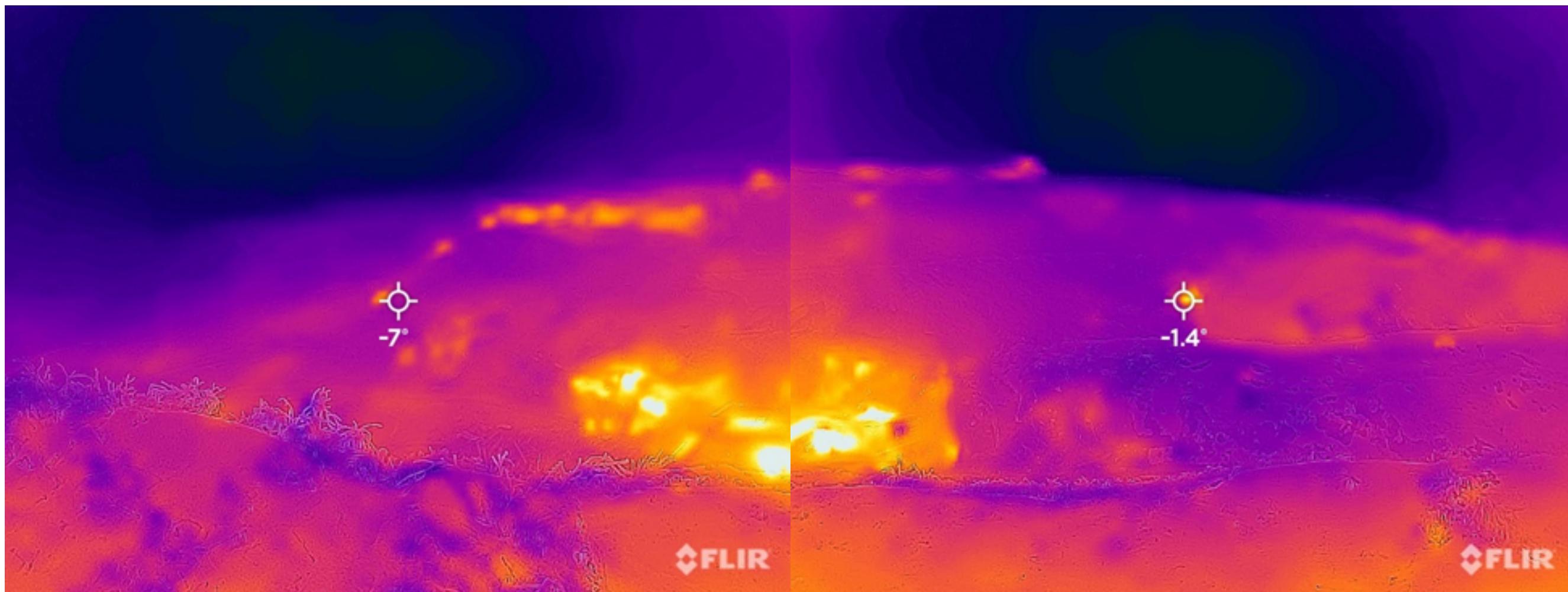
- Landfill staff moved and packed soil onto the landfill to suppress the introduction of oxygen.



December 9, 2022 - Caton Landfill continuously pushing soil to cover fire.

Actions Taken

- Caton Landfill fire consultant contracted to perform site assessments and find the source and cause of the fire.
- YHD hired separate fire consultant to review findings and advise.



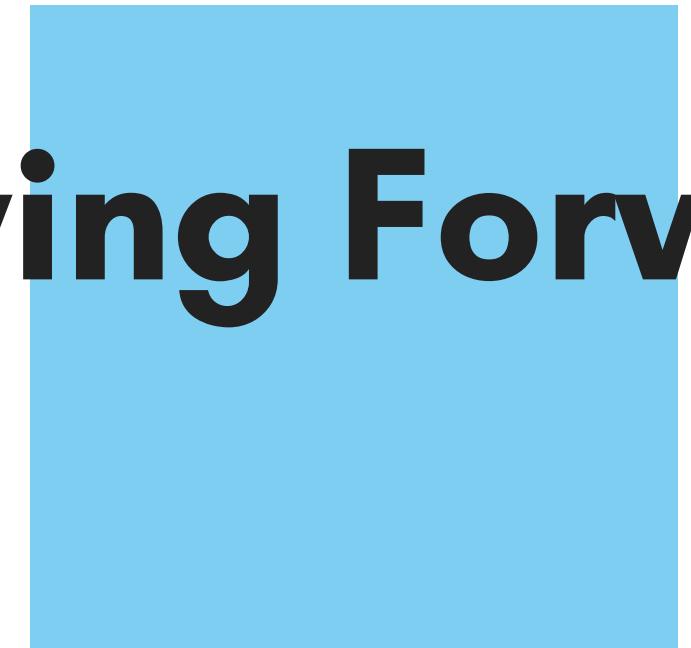
December 16, 2022 - Looking at the east facing slope of the active fire area at Caton LPL. Thermal imaging used to understand where the subsurface heat/fire was that day.

Communications

- Communication to residents
 - Letters to households nearby
- Communication to the public
 - Media Releases to media
 - Situation Reports
 - Ongoing communication with partners
 - Public Information Officer/Communications lead for multi-agency group



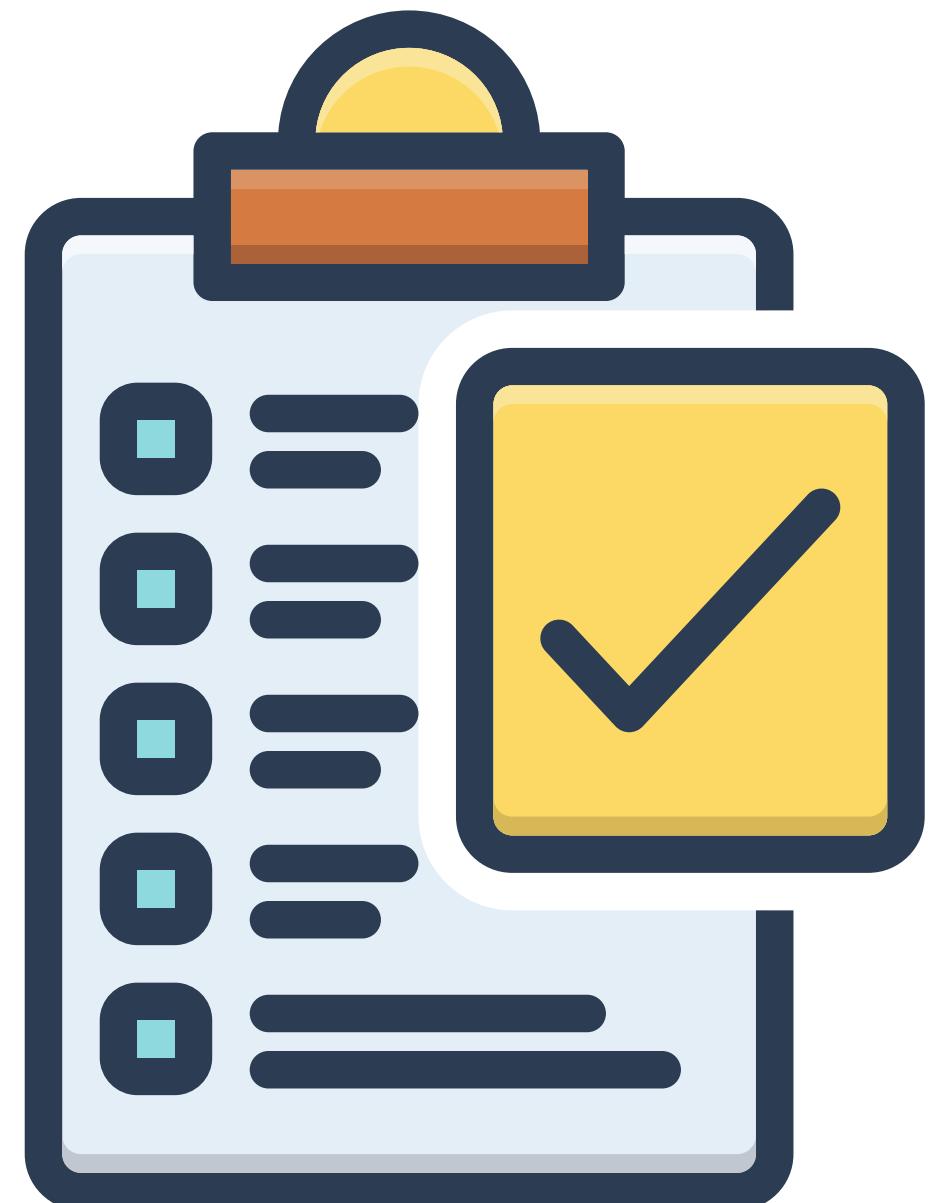
Approximate locations of meters recording 8-hour continuous periods of data every day since December 16th, 2022.



Moving Forward

Requirements for Permit Reinstatement

- Caton Landfill is required to:
 - perform on-site assessment of the ongoing fire situation.
 - submit a written work plan to YHD and DOE for review and approval.
- YHD and DOE will review evidence that the work plan has been executed and the ongoing fire issues will not continue at the Caton Landfill.



Ongoing Efforts

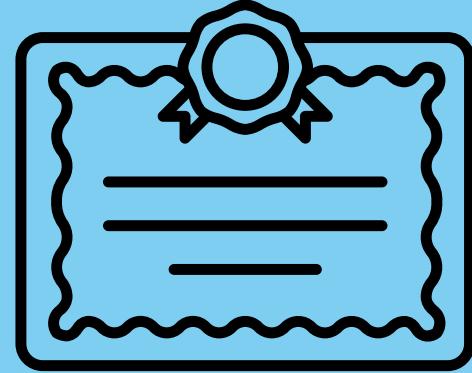
- Summary of work plan:
 - Describes detailed actions the landfill will take.
 - Identifies different action levels based on measurable data.
 - Outlines future actions to be taken.
- Current evidence shows fire activity continues.
- YHD and partners continue to monitor public health risk.



YHD Strategic Goals

1

Deliver mandated services



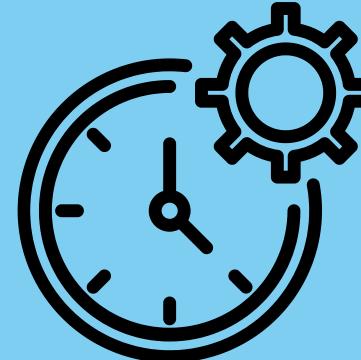
2

Develop a network of community partners invested in improving public health



3

Increase the effectiveness and efficiency of district services



Questions?