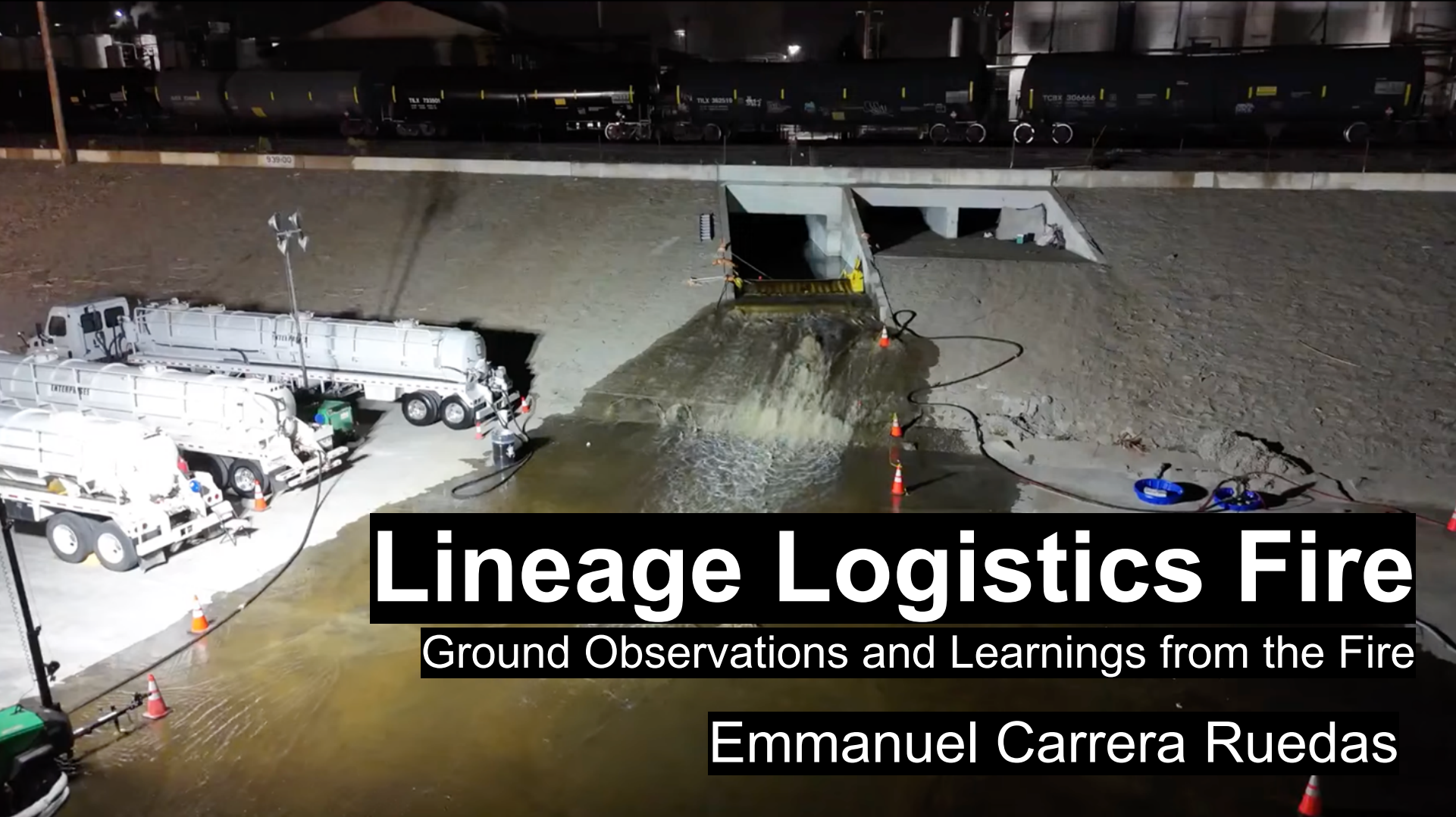


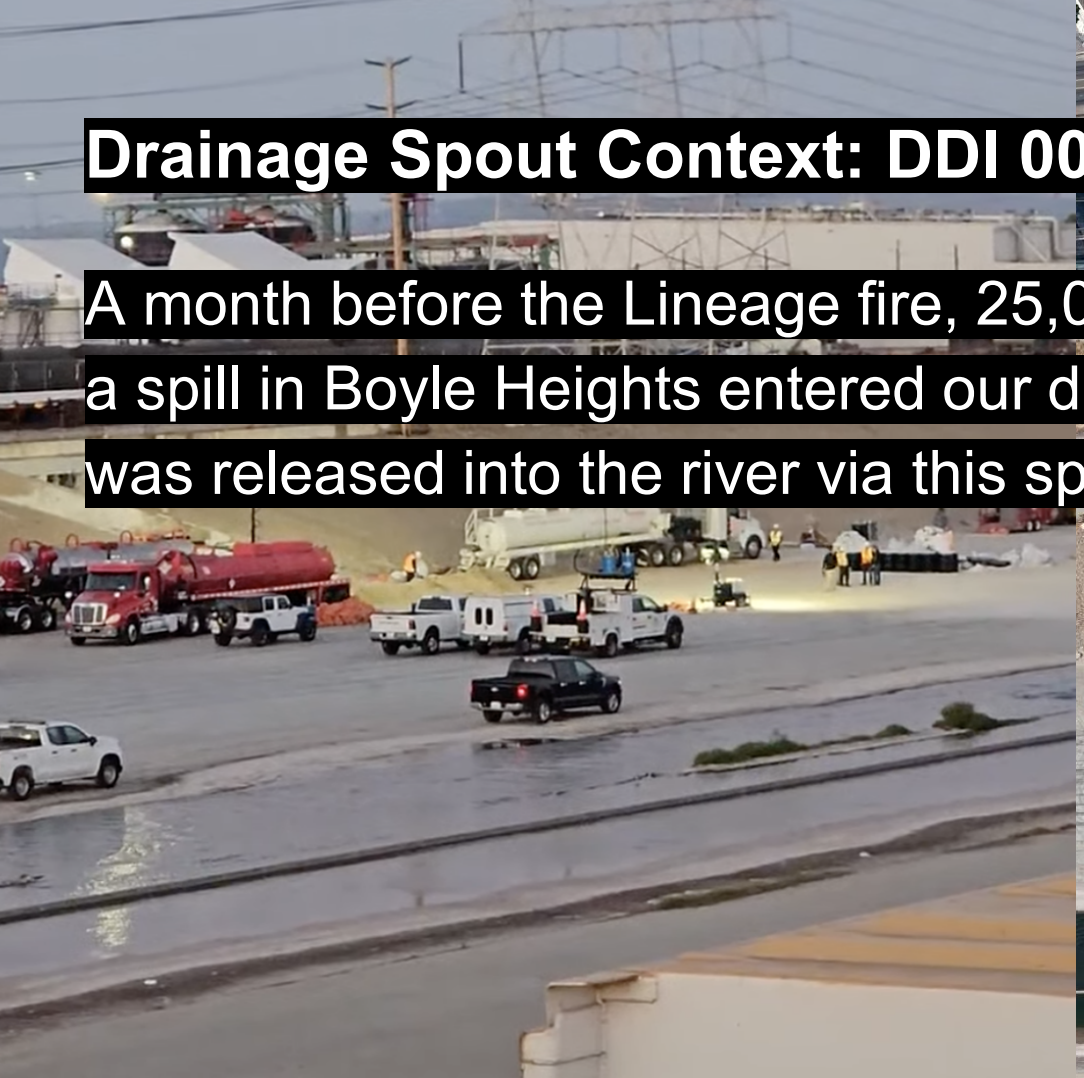
Lineage Logistics Fire

Ground Observations and Learnings from the Fire

Emmanuel Carrera Ruedas

Drainage Spout Context: DDI 0026

A month before the Lineage fire, 25,000 gallons of crude oil from a spill in Boyle Heights entered our drainage infrastructure and was released into the river via this spout





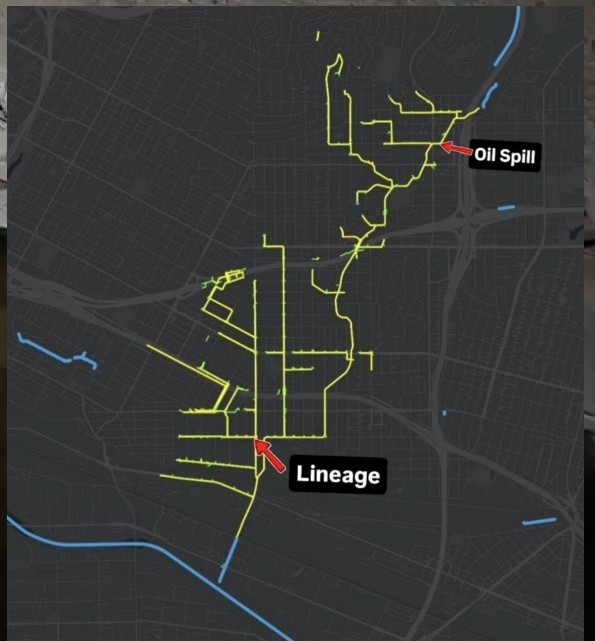



Initiating massive clean up efforts across the
LA river going all the way down to
Long Beach!

A month later, the Lineage Fire

Millions of gallons of water poured out of the same drainage spout, despite the unfinished cleanup of the previous oil spill.

Limited, if any, containment barriers were deployed for the first 5 days of the fire and all water was entering the river without any prevention.



Containment efforts first 5 days







- Water dam at spout that slowed outflow of water.
- Limited containment strategies at DDI 0026 spout to capture large particles going into the river.



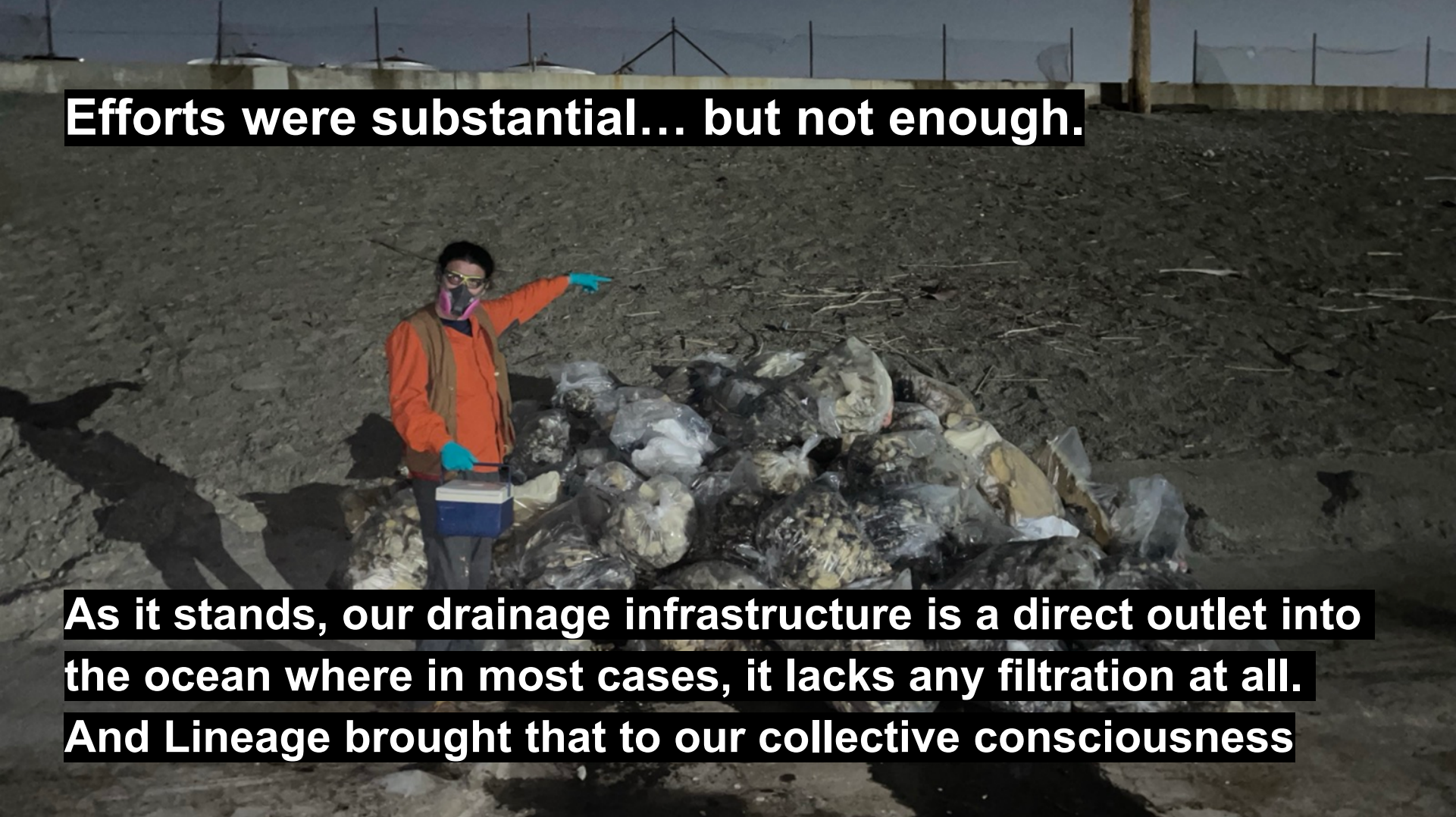






Day 6 New Efforts changes

- Added booms at river spout to collect and capture large particles
- New in-river clean up crews
- Added crates on site to prevent insulation from entering the spout in the first place
- Vacuum machines to collect water at in-ground drain sites


Efforts were substantial… but not enough.
As it stands, our drainage infrastructure is a direct outlet into the ocean where in most cases, it lacks any filtration at all.
And Lineage brought that to our collective consciousness

Bacteria, metals, and oils leaked into our waterways for weeks :(















Recommendations

- Improved Firefighter Water Runoff Protocols
  - Notifying communities downstream when a disaster occurs with safety guidance
  - Containment and filtration efforts for runoff
- Long term investment into drainage infrastructure that plans for disasters, and first flush stormwater capture
- Data Sharing: Share water quality data in a timely and organized fashion - Use Data Repository and involve community

Recomendations

- **Reframing, through investment, that the LA River exists, has life, and deserves protection.**





Thank you!

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