

TV INSPECTION

Amman Haile-Leul and Alissa Sole



The ESI

- Runs from Kirkland to Renton
- Large Pipes – 42 – 96 inches in diameter
- Part of the separated sewer system
- Relatively heavy flow



No,
Seriously...

MANHOLE LOCATING

Blackberry
Bushes!



Oooohhh! These
ones are ripe!

We operated heavy equipment!



DANGER

**FORKLIFT
TRAFFIC
AREA**



EMC
Equipment Company

SIGN 180



**STUDENT
DRIVER**

Sure beats walking!



**NOW FOR THE DIRTY
WORK...**

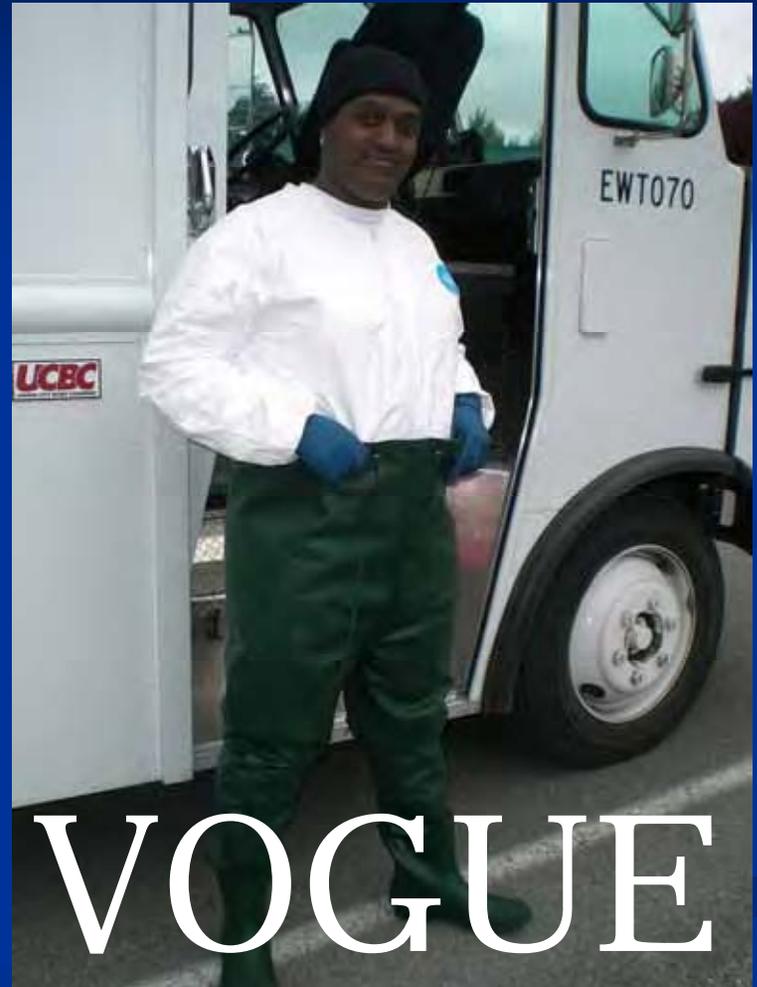
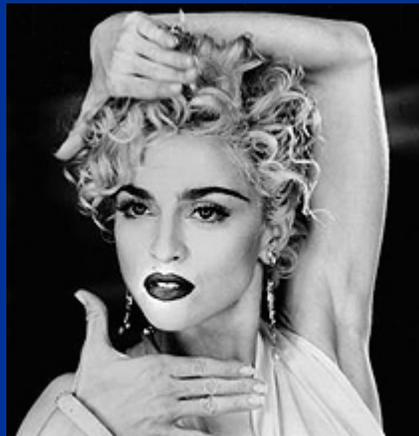


SETTING UP



Sewer Fashion 101

- Hard Hat + Flashlight
- Tyvex
- Harness
- Chest Waders
- Gloves



DANGER

Safety First!

- **Monitoring Air Quality**
- **We Test for:**
 - **CO – Should be 0%**
 - **H₂S – Should be 0%**
 - **O₂ – Between 19.5 - 23.5%**
 - **Lower Explosive Level – Alarms at 10%**

GOING DOWN...



DOWN...



DOWN



Assembling the Boat



Just after descending...



Wow, this is so fun! Look at the faces I can make into the camera!

Frustration sets in...



I'm done, get me out!

Febreeze anyone?



TV TIME!



What we check for...

- Corrosion – walls and joints
- Grease



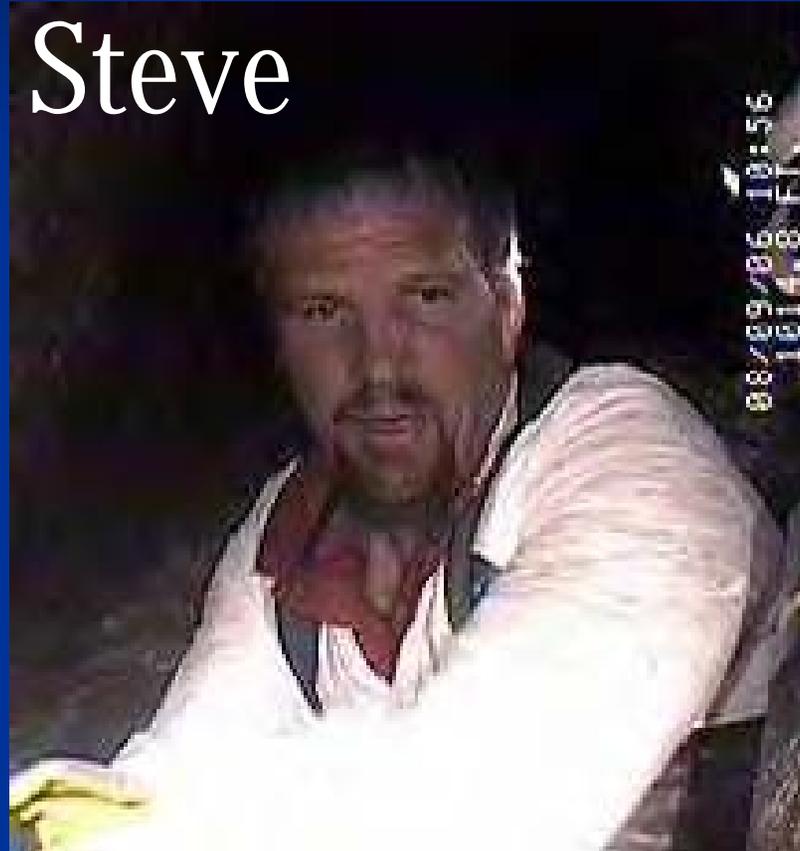
- Exposed Rebar



Our sewer idols...



Carson



Steve

THANK YOU WTD!