



# SAFETY: GETTING READY TO SAMPLE

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Presented By: Dylan Tissue

[Dylan.Tissue@arlingtontx.gov](mailto:Dylan.Tissue@arlingtontx.gov)

City of Arlington- Environmental Management

# SITE SAFETY

- Wear appropriate PPE
- Reflective vest and nitrile gloves
- Park off the road if possible
- Turn on light bar and other safety lights
- Use traffic cones
- Avoid high water
- Have something between you and traffic
- Use your truck as a traffic barrier
- Don't take unnecessary risks, You may not have immediate help



# SAMPLING SAFETY



- Familiarize yourself with test procedures.
- Read SDS for the chemicals you use.
- Protect yourself and equipment.
  - Avoid contact with eyes, mouth, nose, skin.
  - Use PPE (gloves, eye protection).
  - Use tube caps, not fingers, when mixing reagents.
  - Hold droppers vertically when dispensing drops.
  - Thoroughly rinse test tubes before and after sampling.
  - Avoid direct sunlight.
  - Safely dispose of waste chemicals in the field.





## ANIMALS/INSECTS TO LOOK OUT FOR:

- Venomous Snakes
- Poisonous Spiders
- Feral Hogs
- Fire ants, wasps, honeybees





## PLANTS TO LOOK OUT FOR:

- Poison Ivy
- Poison Oak
- Briars
- Poison Sumac

# EQUIPMENT LIST



- Thermometer
- Conductivity meter
- Storm drain test kit (copper, chlorine, phenols, detergents)
- Ammonia-Nitrogen test kit
- PPE (gloves and eyewear)
- Waste container
- DI water
- Tape measure
- Camera
- Paper towels or rags



# FIELD TESTING EQUIPMENT



- LaMotte Colorimeter



- LaMotte Storm Drain Kit



- YSI Pro 2030



- Eureka Manta 2



# VARIABILITY IN KITS





# QUESTIONS

