

SAFETY: GETTING READY TO SAMPLE

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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



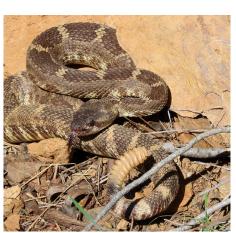


SAMPLING SAFETY

- > 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





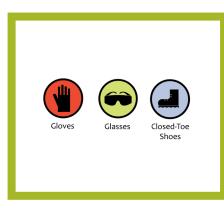


PLANTS TO LOOK OUT FOR:

- 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

