



EXPERIENCE

- 16+ years experience 5 years with heavy highway construction
- For the past 11 years, has lead construction and installation activities at monofill, industrial, and MSW landfill sites.

SAFETY CERTIFICATIONS

- 40-hour OSHA Hazardous Waste Certified
- Mine Safety and Health Administration Certified (MSHA)
- NFPA 70E Electrical Trained
- Radiation/ HAZMAT Safety Trained
- CQA Materials and Liner Inspector

- Certified Nuclear Gauge Operator
- Confined Space Trained
- Trench & Excavation Trained
- Construction Safety and Health
- CPR/First Aid



Highest incidence rates of total nonfatal occupational injury and illness cases, 2017	RATING	INDUSTRY
	1	Logging Workers
	2	Fishers and Related Fishing Workers
	3	Aircraft Pilots and Flight Engineers
	4	Roofers
		Refuse and Recyclable Material Collectors
	6	Structural Iron and Steel Workers
	7	Driver/Sales Workers and Truck Drivers
	8	Framers, Ranchers, and Other Agricultural Managers
	9	First-Line Supervisors of Landscaping Services
	10	Electrical Power-Line Installers and Repairers

SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor





SITE ACCESSIBILITY

EXAMPLE OF GOOD ACCESSIBILITY

- Easy Access For UTV/ATV
- Cleared Vegetation
- Wells Clearly Marked
- Protected Casing In Place
- Wells Locked And Protected With Bollards











COMMON ITEMS TO AVOID

- Large Debris Blocking Well Access
- Overgrown Vegetation
- No Well Protection
- Well Not Labeled/Easily Identifiable





GROUNDWATER SAMPLING

EQUIPMENT

- Coolers/Sample Bottles
- Collection Sonde
- Safety/PPE
- Gas Monitor
- Low Flow Equipment
 - Batteries
 - Various Pump Controllers
 - Nitrogen/C0² tanks
 - Tubing
 - Decontamination Equipment









GROUNDWATER SAMPLING HAZARDS



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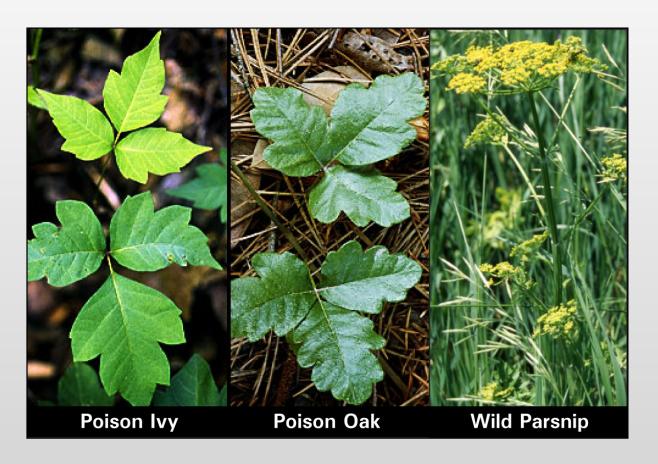
Image left: Rolled UTV traveling on slight incline, where snow was covering ice.

Image right:
Waste Hauling Vehicle
veered off road and ran
over monitoring well.

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NEBRAKSA'S MOST IRRITATING



POISON IVY

 Found in forest edges and recently disturbed open fields. Grows as ground over, shrub or vine.

POISON OAK

 Leaves grow in clumps of three to five, and look more like oak leaves

WILD PASNIP

• Found in eastern Nebraska in moist, rich soils in ditches, pastures, waste areas and around ponds.







- May/June is regarded as high tick season in Nebraska
 - American Dog tick found statewide
 - Lone Star tick found in southeastern, southern, and central Nebraska







BEES AND WASPS

- Could be found in Monitoring Well Lids/ Behind Solar Panel Mounts
- Know what team members are allergic.

CICADA KILLER WASPS

 The largest wasps species in Nebraska, reaching lengths from 1½–2 inches



JULY 2018
SAINT CHARLES, MO

Telecommunications technician was stung by several bees and had an allergic reaction.

The employee was hospitalized and received treatment; however, was put on life support after going into a coma. He never regained consciousness and died.

Source: osha.go









Prairie Rattlesnake



■ AT A DISTANCE, BE ALERT FOR ...

- A blotched or banded body pattern.
- A triangular head distinctly wider than the neck.
- A warning rattle

■ IN CASE OF VENOMOUS SNAKEBITE

- Stay CALM and quiet. Remove rings, etc
- Get to a HOSPITAL.
- Do NOT cool, cut, or use a tourniquet on the bite.

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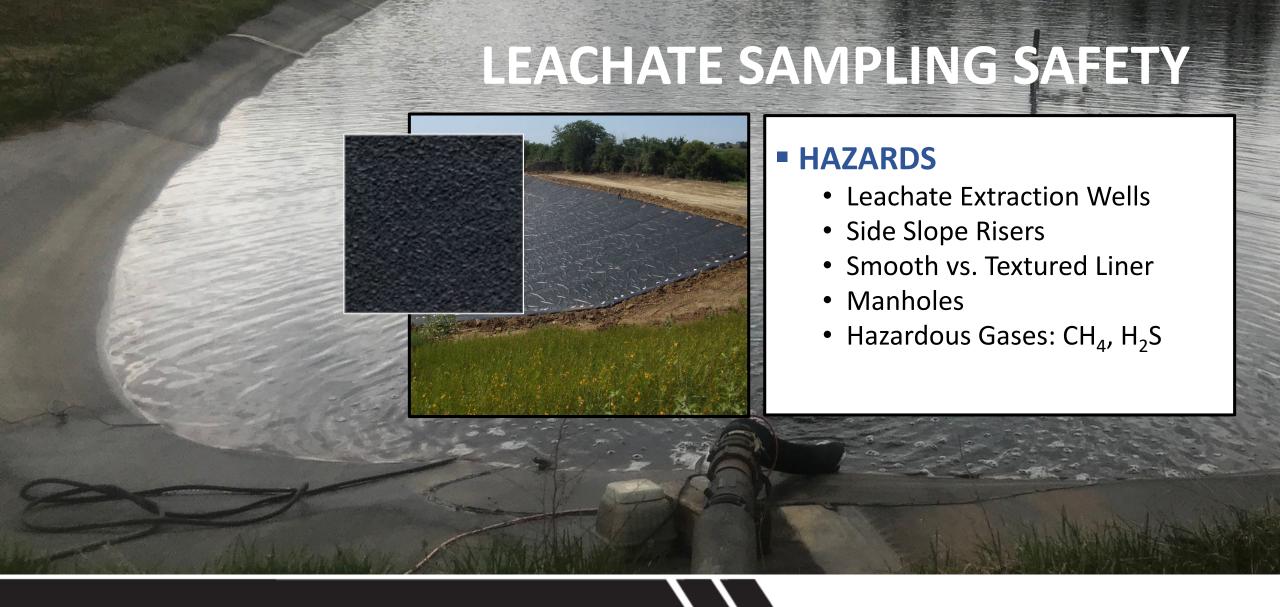
KNOW WHAT WILDLIFE MAY BE PRESENT



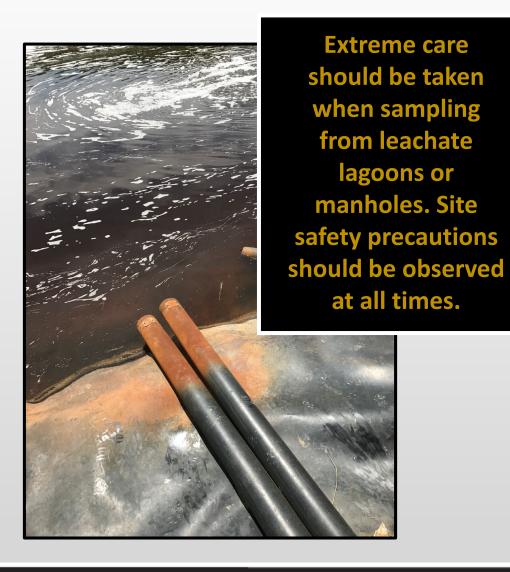


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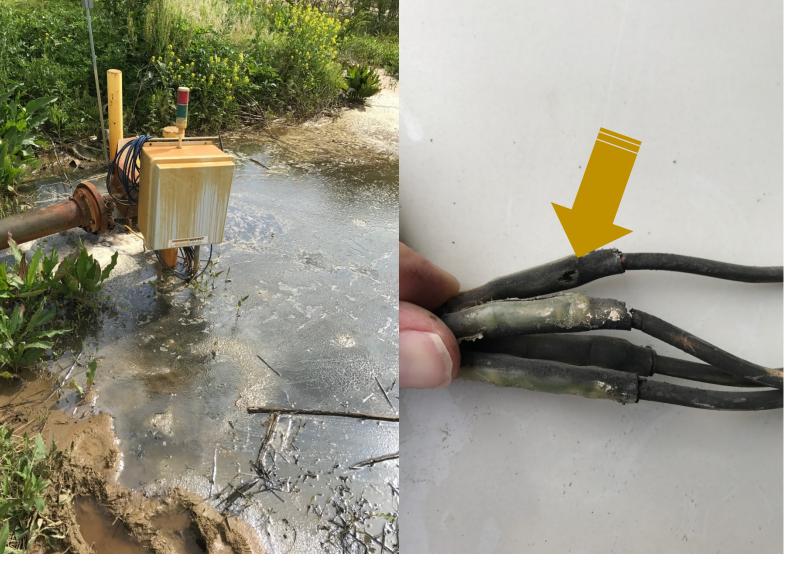
OCTOBER 2018 WISHEK, ND

A 66-year-old Wishek man died after drowning at a landfill. The man was taking water samples at a leachate pond when he fell into the pond and drowned.

Officers used a remote-operated vehicle to locate the body and remove it from the pond. The pond was roughly the size of a football field and up to 20 feet deep.

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ELECTRICAL SAFETY

- Technicians will be unable to make repairs when water is present.
- Frayed or spliced wires with burn marks may indicate replacement or repair is needed.

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STRUCTURES THAT MAY BE DEFINED AS CONFINED SPACE

- Leachate Manholes
- Vaults Containing Landfill Gas Wellheads
- Utility Vaults
- Access/Cleaning Pits Under Waste Conveying Equipment
- Alternate Cover Material Mix Tanks
- Storage Tanks At Hazmat Collection Areas



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QUESTIONS



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