



HAZMAT 101

Jeff Leonard

HazMat Program Manager

Maintenance & Operations

When poll is active, respond at pollev.com/deldot

Text **DELDOT** to **22333** once to join

Who thinks the day after the Super Bowl should be a national holiday?



Yes

Yes

Yes

YES IN BOLD

What is a Super Bowl?

DELDOT MISSION STATEMENT:

Excellence in Transportation

Every Trip • Every Mode • Every Dollar • Everyone



HAZMAT MISSION STATEMENT:

To do our very best to not delay, hold up, or otherwise completely derail project schedules!



HAZMAT MISSION STATEMENT:

Track Record:

Not horrible but could be better!



How many know what DelDOT's HazMat Section does?



WHAT DO WE DO?

Pre-Construction Activities

- Plan Review/Identify Hazardous Sites
- Create Contaminated Materials Management Plans
- Enter Voluntary Clean Up Agreements, Brownfield Development Agreements with DNREC
- Complete Facility Evaluations
- Work with DNREC Project Managers
- Perform Advance Sampling of Proposed Construction Projects

Construction Activities

- Perform Sampling of Potential Contaminated Material
- Provide Oversight of Construction Activity
- Remove Underground Storage Tanks
- Operate Groundwater Treatment Systems
- Coordinate and Remove Contaminated Soil or Water
- Remove Asbestos Pipe
- Complete Waste Manifests and Closure Reports

Post-Construction Activities

- Conduct Annual Operations and Maintenance Inspections
- Conduct Five Year Evaluations
- Place Environmental Covenants on Parcels/Right of Way
- Complete Reports Required by DNREC.

WHAT DO WE DO?

- HAZMAT Incident Response
- Respond to Spills in Maintenance Yards
- Remove “hazardous” Materials from DeIDOT Facilities
- Assist in Relocation of Urban Campers

Is that a train?



INCIDENT RESPONSE



INCIDENT RESPONSE

Year	Incidents
2019	90
2020	93
2021	111
2022	95

PROJECT REMEDIATION WORK

BR 159, James Street Bridge Project



US 301 – Strawberry Lane UST Removal



PROJECT REMEDIATION WORK COSTS

Construction

- Road Improvements
- Bridge Repair, Replacement
- Grade Separated Intersections
- New Signal Installations
- Preliminary Testing, DNREC Programs

Other/Misc.

- Operations & Maintenance Inspection
- Illegal Dumping
- Maintenance Yard Remediations
- Urban Encampments

Project Type	Costs
Construction	\$6,335,782
Other/Misc.	\$248,116
TOTAL	\$6,583,898




RE-OCCURRING THEME!

HAVE YOU
CALLED HAZMAT?

ARE YOU???

- Digging (aka “Excavating”)?
- Going to Encounter Groundwater?
- Working Anywhere Remotely Close to a Rail Line?
- Removing a Portion of an Old Rail Line?
- Removing Creosote Timbers?
- Need to Remove Sediment from Project Limits?
- Acquiring Right of Way?



HAVE
YOU
CALLED
HAZMAT?

BUT WAIT...



THERE'S MORE!

LIGHT AT THE END OF THE TUNNEL WAS NOT THE TRAIN!

Welcome to Bobby Johnson
as our new HazMat
Specialist.



QUESTIONS?

Jeff Leonard

(302) 894-6308

Jeff.leonard@delaware.gov



SERENITY NOW



THE END
HAVE A HAPPY HAZMAT
DAY!