



DULUTH FIRE DEPARTMENT

HAZARDOUS MATERIALS RESPONSE TEAM



Duluth Fire ERT/CAT Capabilities



Rob Morehouse
DFD Deputy Chief



DULUTH FIRE DEPARTMENT

HAZARDOUS MATERIALS RESPONSE TEAM



What the DFD CAT/ERT can do for you

- Air monitoring and plume projection
- Sample collection and identification
- Hazard Mitigation
- Assist with decontamination
- Evacuation or sheltering recommendations
- Advise on scene or from a distance
 - We can be a technical resource without being on scene
- Outreach training





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Non Emergency Capabilities: Crowd Monitoring

**Grandma's Marathon: 20,000 runners
and thousands of spectators**



Duluth Airshow: 50,000 Attendees over two days





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How the municipality assists DFD CAT/ERT

- #1 Rule: DFD CAT/ ERT DOES NOT TAKE COMMAND!!
- IC requests CAT/ERT through the State Duty Officer. (Reciprocity)
- Provide valuable info to responding CAT/ERT
- Resource allocation
- Decontamination assistance
- Medical assessment/ intervention
- Possible monitor deployment in the warm zone with DFD assistance



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To Request State Assistance or Report a Petroleum or Hazardous Materials Spill
Call 24 Hours a Day



MINNESOTA DUTY OFFICER
1-800-422-0798 **(651) 649-5451**

FAX: (651) 296-2300

TDD: (651) 215-6952

Emergency Notification

If you spill a hazardous material or a petroleum product in Minnesota, you must call:

Local Authorities

9-1-1 FIRST, when there is a threat to life or property

The Minnesota Duty Officer

If there is a public safety or environmental threat and/or if state agency notification for reportable spills is required.

The National Response Center 1-800-424-8802, when a federal notification is required



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The following information (if available) will be requested by the Minnesota Duty Officer:

- Name of caller
- Date, time and location of the incident
- Telephone number for call-backs at the scene or facility
- Whether local officials (fire, police, sheriff) have been notified of incident
- Additional information will be requested in the following special circumstances:

Requesting state assistance for incidents:

1. Type of assistance requested (informational specialized team assets, etc.)
2. Name of requesting agency/facility
3. Materials, Quantity and personnel involved in the incident
4. Whether all local, county and mutual aid resources have been utilized

Making notification of spills/incidents:

1. Materials and quantity involved in the incident
2. Incident location (physical address, intersection, etc.)
3. Responsible party of incident (property/business owner)
4. Telephone number of responsible party
5. Any surface waters or sewers impacted
6. What has happened and present situation



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The Incident Commander will be in contact with State Fire Marshal's Office On-Call first

- What is the happening?
- What do you need?
- What are your capabilities?
- Advance team, full team, or both deploy
- IC will be in contact with Hazmat Team Leader while in route.



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Air monitoring and WMD meters





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Radiation Identifiers and Area Monitoring Equipment





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Chemical and Bomb Identifiers



EXPLOSIVE DETECTION

Nitroaromatics

Nitramines

Nitrate Esters

Inorganic Nitrates

Chlorates

Peroxides

And Others



DRUG DETECTION

Opiates

Methamphetamine

Cocaine

THC

Ketamine

Synthetic Cannabinoids

And Others



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DFD HAZMAT TOOLS





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DRONE USES





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Drone Use





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Marine 19's Hazmat Role



- Boom Deployment
- Damage Assessment
- Area Monitoring
- Personnel Transport
- Suppression
- Rescue
- Water Supply



MINNESOTA TASK FORCE 2

VIRGINIA | 148TH AIR NATIONAL GUARD | DULUTH



Urban Search & Rescue Type IV

Est. 2017



MINNESOTA TASK FORCE 2

VIRGINIA | 148TH AIR NATIONAL GUARD | DULUTH



Team Deployment Model

- Dispatched through the State Duty Officer (800)422-0789
- 22 Fully trained operators deploy within 60 minutes.
- Fully self-sustaining for initial 12-hour period.
 - Ropes, shoring, monitoring equipment, carpentry tools, medical equipment, PPE, communications equipment and more.
- Collaboration with MNTF1, MRPs or eventual FEMA USAR teams.



MINNESOTA TASK FORCE 2

VIRGINIA | 148TH AIR NATIONAL GUARD | DULUTH



Structural Collapse



MINNESOTA TASK FORCE 2

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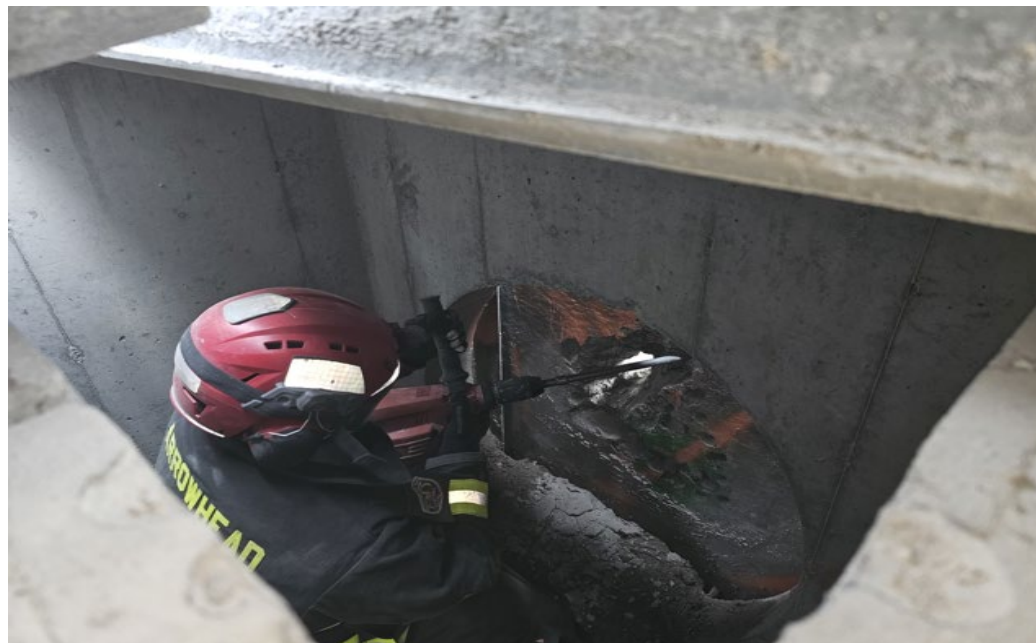


Trench Rescue



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Confined Space Rescue



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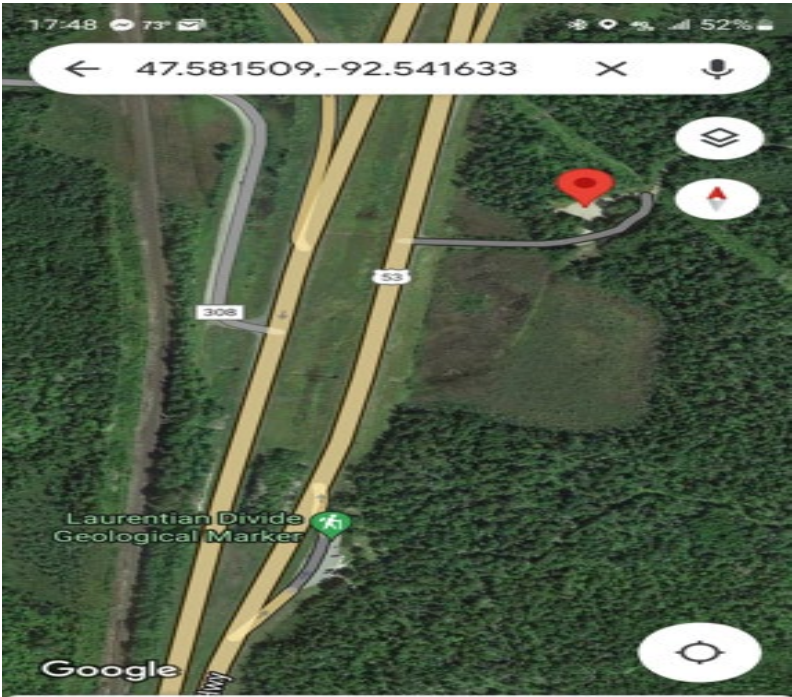


Rope Rescue



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Dropped pin

Wide Area Search



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Questions

Deputy Chief Robert Morehouse

rmorehouse@duluthmn.gov

(218)730-4395