

PETROLEUM SPILL RESPONSE AND REPORTING

GENERAL SPILL RESPONSE GUIDELINES

In agricultural operations, it is common for petroleum products to be stored or used in agricultural equipment. Agricultural petroleum products can include; engine oil, hydraulic oil, diesel fuel, and gasoline. All petroleum products that are stored shall follow regulatory standards or guidelines for spill prevention and containment. Agricultural equipment poses an additional risk of a spill because of the mobile nature, mechanical parts, and petroleum capacities of the equipment.

All petroleum spills, regardless of size, must be contained and cleaned up in a safe and effective manner. Spills that affect or threaten public health, welfare, or the environment will be attended to immediately by protecting human safety, and containing and cleaning up the spilled substance. Any response by CFAES personnel will be conducted pursuant to the Hazardous Waste Operations and Emergency Response regulations, 29 CFR 1910.120. To determine the proper response procedures, this plan classifies discharges as either “**incidental**” or “**emergency**” depending on the following characteristics:

Petroleum Spill Response Criteria

Incidental discharges are generally those where:	Emergency discharges are generally those where:
<ul style="list-style-type: none"> ● The discharge is small (e.g., less than 25 gallons) ● The discharge can be easily contained ● The discharge is unlikely to reach a navigable waterway, storm sewer, or sanitary drain ● Cleanup procedures do not pose a health or safety hazard ● Proper response equipment is available for a safe cleanup <p>Response by CFAES personnel may be possible for a spill with these characteristics. OSU EHS may be notified for assistance.</p>	<ul style="list-style-type: none"> ● The discharge is more than 25 gallons on or adjacent to a public roadway ● The discharge cannot be contained and spread beyond the immediate area ● The discharge may reach a navigable waterway, storm sewer, or sanitary drain ● The discharge requires special equipment or training to clean up ● The discharge poses a hazard to human health or the environment ● There is a danger of fire or explosion <p>The above discharges require response by Emergency Responders—call 911.</p>

Details regarding the predicted direction, rate of flow, and quantity of potential spills must be reported immediately to the supervisor. In general, if properly trained, CFAES personnel should be able to respond to most **incidental** discharges. For all **emergency** spills, Emergency Responders and OSU Environmental Health & Safety must be notified. Depending on the nature and quantity of the oil released, several additional agencies or organizations may be contacted in the event of the spill. Circumstances, instructions, and reporting a discharge to federal, state and local agencies or other affected parties will be determined by Emergency Responders or OSU Environmental Health & Safety.

PETROLEUM SPILL RESPONSE STEPS

The CFAES personnel discovering a potential petroleum release will follow these response steps:

Petroleum Spill Response Steps – Incidental Spills	Contact
<ol style="list-style-type: none"> 1. Secure the site, with a priority to protect the health and safety of personnel responding to the release, bystanders, and the community. 2. Stop the Flow if possible. Shut valves, shift container, plug opening, etc... 3. Control and contain the spill using floor dry, absorbent booms, socks, and/or soil. 4. Notify the Immediate Supervisor and CFAES Safety & Health Coord. 5. Clean up the spill – Oil and lubricants reclaimed after a spill must be cleaned up and disposed of properly. 6. Complete the Spill Incident Report form to provide accurate information for the facility's records. 	<ul style="list-style-type: none"> - Immediate Supervisor - CFAES Safety Coordinator Kent McGuire Off:614-292-0588 Cell: 740-341-7589

Petroleum Spill Response Steps – Emergency Spills	Contact
<ol style="list-style-type: none"> 1. Secure the site, with a priority to protect the health and safety of personnel responding to the release, bystanders, and the community. 2. Stop the Flow if possible. Shut valves, shift container, plug opening, etc... 3. Contact the Emergency Responders (911) for major spills to help to assist with the control and containment of the release. 4. Notify the Immediate Supervisor 5. Control and contain the spill using nearby absorbent booms, socks, and/or soil until the fire department arrives. Focus control measures at location(s) of storm sewers and/or nearby waterways. 6. Notify CFAES Safety & Health Coordinator and OSU Environmental Health and Safety (EHS). Can be done by immediate supervisor (see step 4 above). 7. Clean up the spill – If assistance is required for the cleanup of larger spills, OSU EHS will contact outside contractor. 8. Complete the Spill Incident Report form to provide accurate information efficiently to spill response authorities. 	<ul style="list-style-type: none"> - Call 911 - Immediate Supervisor - CFAES Safety Coordinator Kent McGuire Off:614-292-0588 Cell: 740-341-7589 - OSU EHS Phone: 614-292-1284 Press 1 for Emergency Spill Response - Ohio EPA (see attached) 1st responders / EHS only

PETROLEUM SPILL INCIDENT REPORT

Date _____ Time: _____

Name _____ Org / Dept.. _____

Phone # _____

Responsible Party _____

Equipment / Vessel _____

Identifying Information _____

Location of incident _____

Cause of release / spill _____

Material(s) released / spilled _____

Quantity released _____

Affected medium (e.g. land, water, ditches, sewer) _____

Danger or threat posed by the release / spill _____

Weather conditions _____

Agencies / Contacts on scene _____

Any other useful information _____

Documents attached _____



Emergency Response Program

Helping first responders address environmental emergencies and pollution incidents, including chemical and petroleum spills, 24-hours a day, seven days a week.

Ohio EPA records more than 5,000 incident reports annually through calls to our emergency response spill hotline from citizens, companies, law enforcement, emergency responders and other agencies. On-scene coordinators (OSCs) respond to more than 1,200 of these incidents each year. More than 80 percent of the on-scene responses involve petroleum products. OSCs also respond by phone to more than 400 incident reports each year when an on-scene response is not immediately necessary.

The majority of the incidents investigated involve chemicals and petroleum products; however, OSCs have responded to some unusual releases, including coal, corn, dyes, manure, milk, wheat and many more. Releases of any material in large volumes to a waterway can cause environmental damage, including fish kills.

Ohio EPA relies on first responders to assist in incident reporting. Transportation accidents (rail, commercial vehicle, barge, etc.) frequently involve operators who may not be familiar with Ohio's spill reporting requirements or may be incapacitated.

Ohio EPA encourages first responders to report all transportation-related incidents involving vehicles with the potential for a release of bulk quantities of materials, even if the spill has not yet occurred. Report any release that impacts public health or the environment. Spills of any amount which cause a film or sheen on a waterway must also be reported.

Requirements for Reporting Petroleum-Related Spills

Spills of petroleum products (diesel fuel, gasoline, hydraulic fluid, etc.) of 25 gallons or more on or adjacent to a public roadway must be reported.

Reporting is encouraged if you are uncertain how much was released; if the spill threatens a waterway; or, if unaddressed, will enter a waterway or storm sewer in the future.

What happens when I call Ohio EPA's spill hotline?

Ohio EPA duty officers are available 24-hours a day to receive spill reports. The duty officer will contact an OSC if assistance is requested or the incident requires an immediate response.

**Report a Spill, Release
or Environmental Crime**

800-282-9378

Reporting a Spill or Release

There is no penalty for early reporting if a release is suspected; however, there may be penalties for failing to report in a timely manner. As soon as you become aware of or suspect a release, contact the spill hotline with as much of the following information as possible.

- **Responsible party** (name of carrier, owner, operator or facility).
- **Date/time** (discovered/occurred).
- **Location** (address, cross street, mile marker).
- **Material(s)** (chemical, product, or common name).
- **Quantity** (estimated release/total).
- **Hazards** (extremely hazardous substance, placard, materials safety data sheet [MSDS]).
- **Affected media/area** (air, land or waterway, including threats to ditches, sewers, streams).
- **Actions/notifications** (evacuations, containment, contractor hired).
- **Contacts on scene** (responder cell phone number, responsible party, contractor, facility point of contact).

Other useful information (truck DOT or railcar number, chemical UN ID number, MSDS, etc.).

Emergency Response Program

Who is responsible for spill cleanup?

The owner/operator is the responsible party for spill cleanup. Ohio EPA can provide a list of clean-up contractors or call in a contractor in situations where the source or responsible party is unknown. If necessary, Ohio EPA oversees emergency clean-up activities and, if possible, will later recover clean-up costs. For more information, please see the Responsible Party's Guide to Pollution Incident Investigations fact sheet.

Ohio MARCS Radio System

All Ohio EPA OSCs have Multi-Agency Radio Communication System (MARCS) radios. To use MARCS with an OSC, arrange a mutual aid talk group with them or contact the Ohio EPA duty officer. In an emergency, the State Highway Patrol Columbus Communications Center may reach an Ohio EPA OSC in the field.

Orphan Drum Unit

Ohio EPA's Orphan Drum Unit removes dumped or abandoned containers when a responsible party cannot be identified. Reports of dumped drums or other containers can be made to the spill hotline.

Contact

For more information, contact the division or an OSC in the appropriate district office.

Central Office

Mailing Address:
P.O. Box 1049
Columbus, OH 43216-1049
Street Address:
50 West Town Street, Suite 700
Columbus, OH 43215
Phone: (614) 644-3020

Central District Office

Mailing Address:
P.O. Box 1049
Columbus, OH 43216-1049
Street Address:
50 West Town Street, Suite 700
Columbus, OH 43215
Phone: (614) 728-3778
Fax: (614) 728-3898

Northeast District Office

2110 East Aurora Road
Twinsburg, OH 44087
Telephone: (330) 963-1200
Fax: (330) 487-0769

Northwest District Office

347 N. Dunbridge Road
Bowling Green, OH 43402
Phone: (419) 352-8461
Fax: (419) 352-8468



Southeast District Office

2195 Front Street
Logan, OH 43138
Phone: (740) 385-8501
Fax: (740) 385-6490

Southwest District Office

401 East Fifth Street
Dayton, OH 45402
Phone: (937) 285-6357
Fax: (937) 285-6249