

Florida Department of Environmental Protection



Office of Emergency Response

Emergency Planning, Response and Preparedness

February 11-14, 2013





Objectives

- Who is FDEP-OER?
- The role of the local fire department
- Responding to different size spills
- Your responsibilities
- Reporting requirements
- Selecting an ER cleanup contractor



FDEP Division of Law Enforcement

- 2012 State Legislative session finalized the reorganization of FDEP Division of Law Enforcement (DLE)
- FDEP-DLE officers moved under FL Fish & Wildlife Conservation Commission (FWCC)





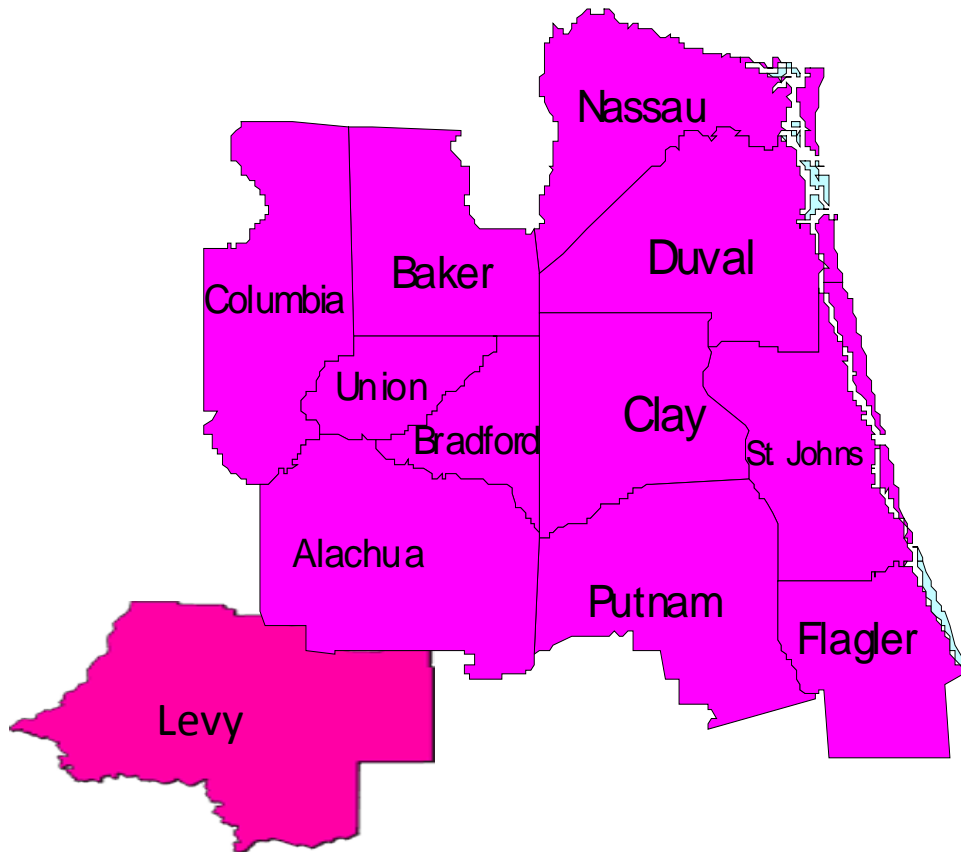
Bureau of Emergency Response

- The Bureau of Emergency Response remains with FDEP under the regulatory section and has been renamed...

Office of Emergency Response
OER



Jacksonville Response Area

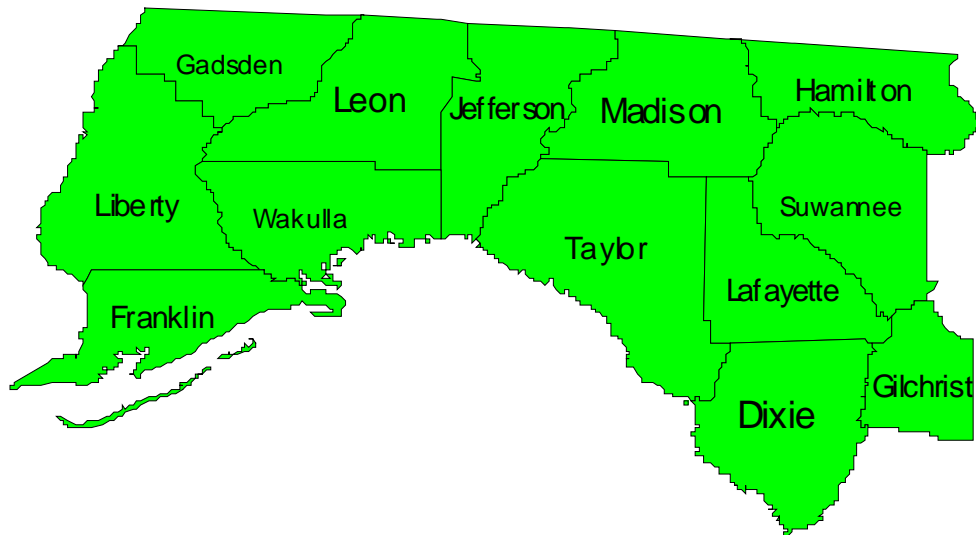


Our office is located at:
8800 Baymeadows Way W.,
Suite 100
Jacksonville, FL 32256
Main Line: (904)256-1700

Matthew Harris ext. 1527
Gracie Kennedy ext. 1528
Donald Mozick ext. 1529
(904)256-1586 fax
Jennifer Paris, Mgr. (850)245-2873
Tallahassee, FL



Tallahassee Response Area



Our office is located at:
3900 Commonwealth Blvd.
Mail Station #659
Tallahassee, FL 32399
Main Line: (850)245-2010

Jennifer Paris, Mgr. ext. 2873
Caroline Horton ext. 2874
John Johnson ext. 2871



OER Office Locations





How To Reach Us?

- **State Watch Office (SWO)**
(800) 320-0519
- National Response Center (Federal)
(800) 424-8802
- Emergency Management (Local)
- **Available 24 hrs a day**





Office of Emergency Response

- Responds to environmental pollution threats in every form.
- Provide technical and on-site assistance to ensure threats to human safety and the environment are quickly and effectively addressed.
- Lead agency at State's Emergency Operation Center for ESF 10 (hazmat)



What Do We Respond To?

- **Abandoned Containers**
- **Oil Spills**
- **Chemical Spills**
- **Transportation Accidents**
- **Natural Disasters**
- **Weapons of Mass Destruction**
- **Environmental Crimes**
- **Bio-hazardous Waste**
- **Radioactive Incidents**
DOH Radiological Emergency hotline:
(407) 297- 2095

All calls should be routed
through

The State Watch Office:
(800) 320-0519



What Information Needs To Be Reported?

- What material was involved, if known?
- Approximately how much was release?
- Whose responsible for the release?
- Where did the incident happen?
- What actions have been taken and by who?
- What was affected by the release?
- Call back information?

The response is only as good as the information provided. The more details the better.



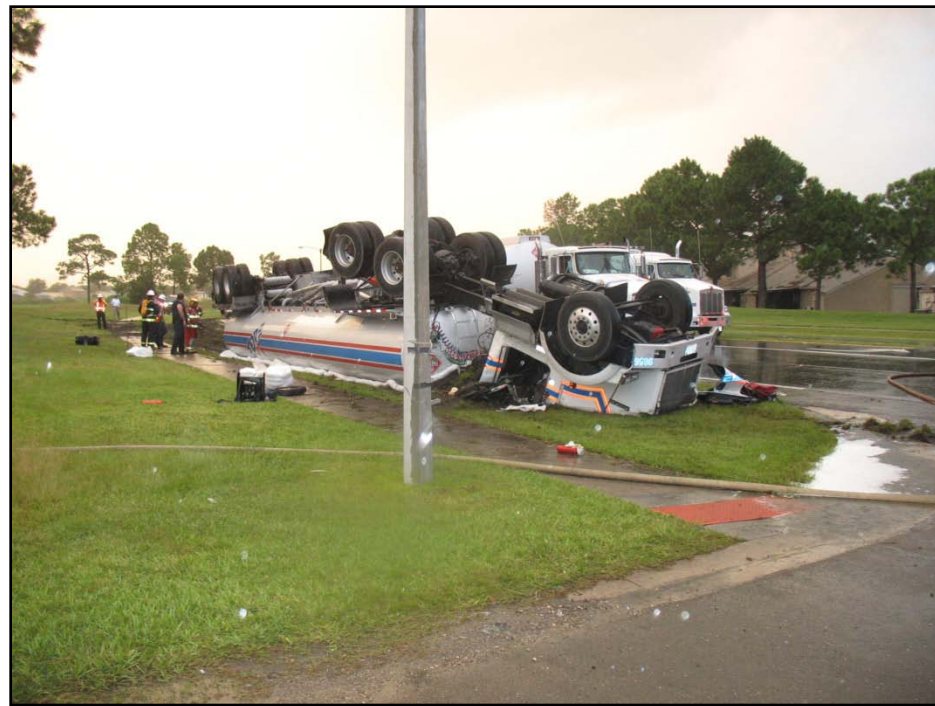
What Do We Respond To?

- **Hazmat**
- **Petroleum Based Spills**
 - Spills into or involving state waterways (any amount)
 - Spills greater than 25 gallons (or potentially > 25 gallons)
 - Spills requiring any state/federal notifications or assistance
- **Chemical Spills**
 - All SARA/EHS/CERCLA Releases
 - All spills threatening population or the environment
 - All spills requiring evacuation



OER Missions

Oil and hazardous material incident response



OER Missions

Environmental forensics





OER Missions

Disaster preparedness & response coordination



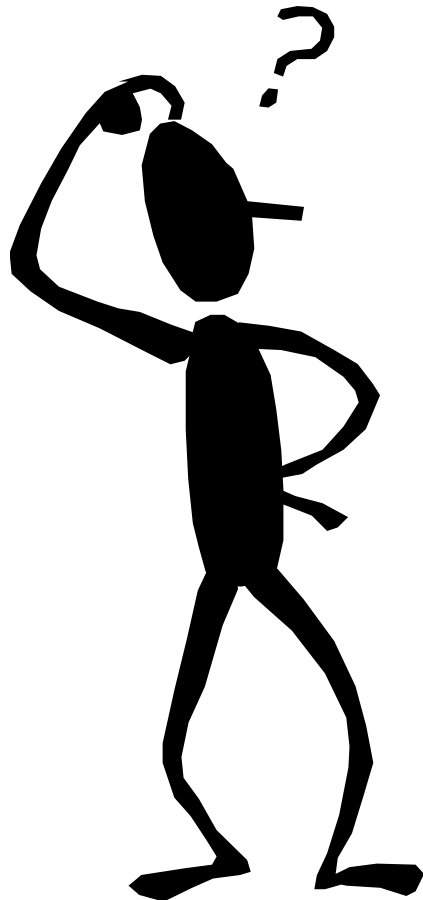


Fire Rescue HazMat

- Trained HazMat Technicians
 - Stop the release of dangerous chemicals
- Experienced responders
 - Proper neutralization of caustic chemicals
- Additional resources
 - Manpower
 - Equipment



What to do if a spill or incident does occur?





What to do if a spill or incident does occur?



- ✓ Stay calm
- ✓ Don't go bonkers
- ✓ Don't be a "hero"
- ✓ Address it immediately

- Cordoning off the impacted areas
- If material has spilled on your skin, clothes, shoes, etc. - decontaminate them at the nearest safe location.



Cordon Area Off to Keep People Away from Spilled Material



Who Needs PPE?





Personal Protective Equipment





Spill Response Kit

- Contents of the kit depends on the product to be remediated
- Personnel must be trained
- Not necessary to buy “ready made” kit
- Kit should include appropriate PPE





Spill Response Kit

The response kit should be labeled





Spill Response Kit

The kit should be easily accessible





Small Spill Response

Protect Storm Drains & Floor Drains





Spill Cleanup Kits: Absorbents





Small Spill Response

Successfully containing a release is not only better for the environment but it also saves you \$\$\$





Small Spill Response

Spill Cleanup

- Collect spilled materials
- Store in appropriate containers
- Label containers properly
- Secure waste safely
- Dispose of waste properly





Case Study Trucking Company





















How Will Your Facility Address a Large Release?

- If facility personnel will cleanup, OSHA requires the following:
 - Emergency Response Plan
 - Health and Safety Plan
- Contractors are also required to meet the OSHA regulations
- See OSHA Rule 1910.120



Larger Spill Response

Stop or reduce the release from the source





Larger Spill Response

Contain or collect material that has spilled





Improvise!





Stay on Top of Things





Larger Spill Response

Try to contain the release to your property





Larger Spill Response

Contact the appropriate authorities
and your cleanup contractor



Secure Waste





Waste Determination





Preventing Releases

What can your facility do to prevent a release to the environment?





Preventing Releases



03/15/2010

Spill Protection Controls





Secure Your Facility






Remove Outdated Products





Reporting Requirement

 **Discharge Reporting Form**
PLEASE PRINT OR TYPE

DEP Form # 62-761/761_1
Form Title Discharge Reporting Form
Effective Date _____

Instructions are on the reverse side. Please complete all applicable blanks.

1. Facility ID Number (if registered): _____ 2. Date of form completion: _____

3. General information
Facility name: _____
Facility Owner or Operator: _____
Facility Contact Person: _____ Telephone number: () _____ County: _____
Facility Mailing address: _____
Location of discharge (facility street address): _____
Latitude and Longitude of discharge (if known): _____

4. Date of receipt of test results or discovery of confirmed discharge: _____ month/day/year 5. Estimated number of gallons discharged: _____

6. Discharge affected: Air Soil Ground water Drinking water well(s) Shoreline Surface water (water body name) _____

7. Method of discovery (check all that apply)

<input type="checkbox"/> Liquid detector (automatic or manual)	<input type="checkbox"/> Internal inspection	<input type="checkbox"/> Closure/Closure Assessment
<input type="checkbox"/> Vapor detector (automatic or manual)	<input type="checkbox"/> Inventory control	<input type="checkbox"/> Groundwater analytical samples
<input type="checkbox"/> Tightness test	<input type="checkbox"/> Monitoring wells	<input type="checkbox"/> Soil analytical tests or samples
<input type="checkbox"/> Pressure test	<input type="checkbox"/> Automatic tank gauging	<input type="checkbox"/> Visual observation
<input type="checkbox"/> Statistical Inventory Reconciliation	<input type="checkbox"/> Manual tank gauging	<input type="checkbox"/> Other _____

8. Type of regulated substance discharged: (check one)

<input type="checkbox"/> Unknown	<input type="checkbox"/> Used/waste oil	<input type="checkbox"/> Jet fuel	<input type="checkbox"/> Heating oil	<input type="checkbox"/> New/lube oil
<input type="checkbox"/> Gasoline	<input type="checkbox"/> Aviation gas	<input type="checkbox"/> Diesel	<input type="checkbox"/> Kerosene	<input type="checkbox"/> Mineral acid

Hazardous substance - includes CERCLA substances from USTs above reportable quantities, pesticides, ammonia, chlorine, and derivatives (write in name or Chemical Abstract Service (CAS) number) _____

Other _____

9. Discharge originated from a: (check all that apply)

<input type="checkbox"/> Dispensing system	<input type="checkbox"/> Pipe	<input type="checkbox"/> Barge	<input type="checkbox"/> Pipeline	<input type="checkbox"/> Vehicle
<input type="checkbox"/> Tank	<input type="checkbox"/> Fitting	<input type="checkbox"/> Tanker ship	<input type="checkbox"/> Railroad tanker	<input type="checkbox"/> Airplane
<input type="checkbox"/> Unknown	<input type="checkbox"/> Valve failure	<input type="checkbox"/> Other Vessel	<input type="checkbox"/> Tank truck	<input type="checkbox"/> Drum

Other _____

10. Cause of the discharge: (check all that apply)

<input type="checkbox"/> Loose connection	<input type="checkbox"/> Puncture	<input type="checkbox"/> Spill	<input type="checkbox"/> Collision	<input type="checkbox"/> Corrosion
<input type="checkbox"/> Fire/explosion	<input type="checkbox"/> Overfill	<input type="checkbox"/> Human error	<input type="checkbox"/> Vehicle Accident	<input type="checkbox"/> Installation failure

Other _____

11. Action taken in response to the discharge: _____


Discharge Report Form

- Required to be submitted to FDEP within 24-hours of the discovery of the release

www.dep.state.fl.us/waste/quick_topics/forms/documents/62-761/761_1.pdf



Source Removal Report

	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
	Office of Emergency Response 3319 Maguire Blvd. Suite 232 Orlando, Florida 32803 Telephone: (407) 897-4341/ Fax: (407) 897-4186
<u>SOURCE REMOVAL REPORT</u>	
<p>The Florida Department of Environmental Protection, Bureau of Emergency Response (BER) Source Removal Report may be used as a cleanup report for discharges regulated under Chapter 62-770, F.A.C., that constitute an emergency situation. Within 60 days of completion of free product removal and disposal, and/or soil treatment or disposal, send two (2) copies of this report and attachments to the Florida Department of Environmental Protection, Bureau of Emergency Response, at the above address.</p>	
Incident Date: _____ Date Cleanup Initiated: _____ Date Cleanup Completed: _____	
Location of Incident: _____	
Nearest City/Town: _____ County: _____	
Latitude: _____ ° ' " Longitude: _____ ° ' "	

The State requires releases that are larger than the RQ to be cleaned up in accordance with the SRR.

www.dep.state.fl.us/oer/files/source_removal_report.xls



Reporting Requirement Navigable Waterways



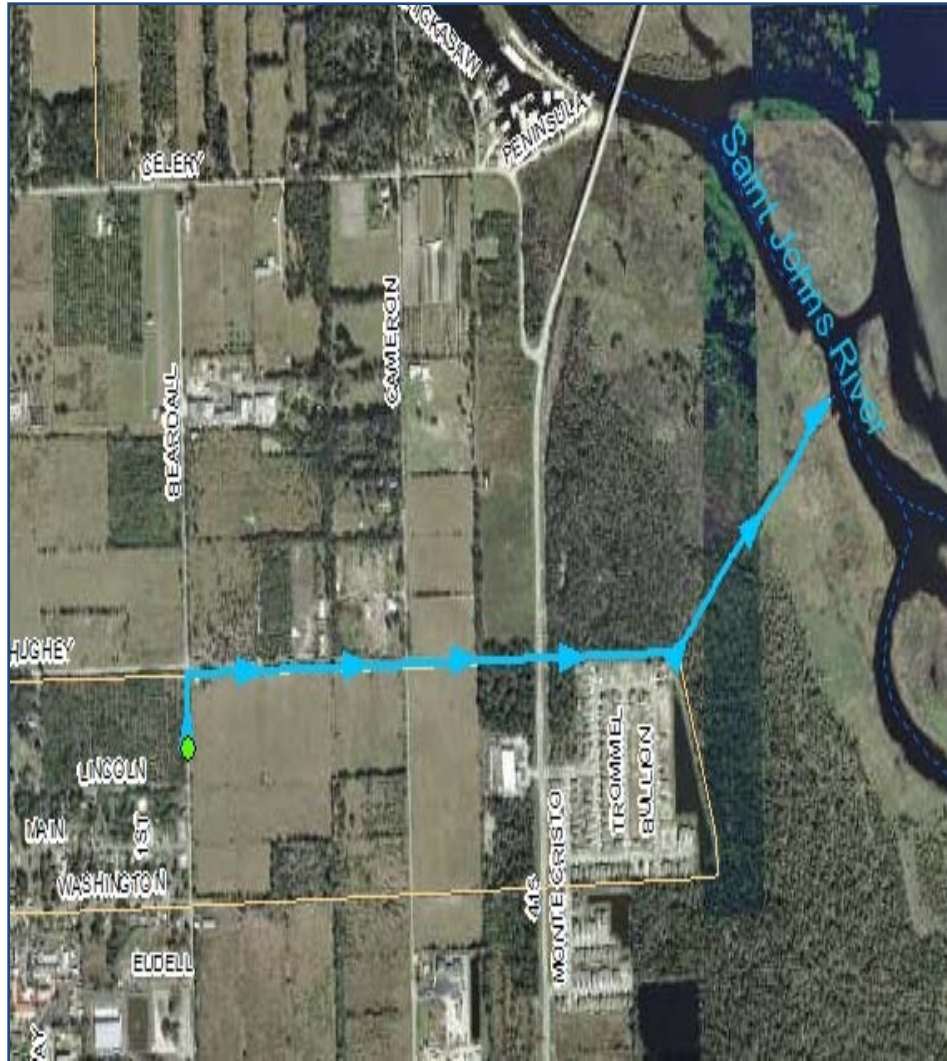


What is a Navigable Waterways?

- Surface waterways: streams, creeks, rivers, lakes, ocean
- Wetlands that drain to a waterway
- Waterways can be intermittent or seasonal
- Defined flow pathway to clearly navigable waterway



Defined flow pathway to clearly navigable waterway





On Water Reporting Requirements

- Spills of any amount that impact, involve or threaten State **waterways** must be reported to the National Response Center and the State Watch Office





Storm Drains

- In the State of Florida most storm drains lead to a navigable waterway. Therefore, releases to storm drains should be reported.

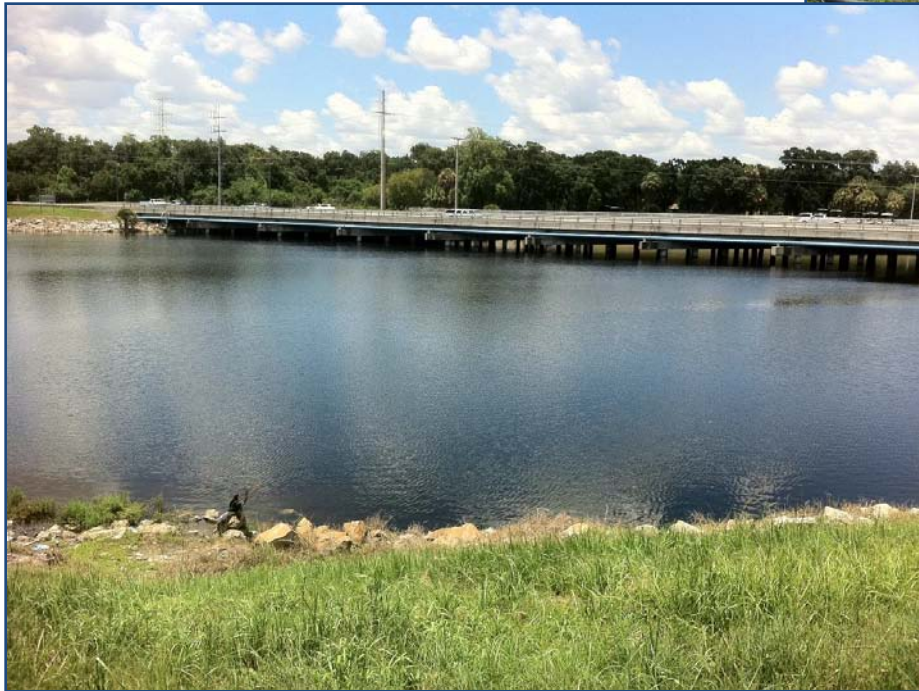




Releases to Inland Waterways vs. Coastal

FDEP vs. EPA

Large scale events impacting inland waters may involve EPA





Reporting Contacts

STATE WATCH OFFICE

(800) 320-0519

24 hours a day, 7 days a week, 365 days a year

Within 24-hours!

NATIONAL RESPONSE CENTER

(800) 424-3892

www.nrc.com

24 hours a day, 7 days a week, 365 days a year

...within 15 minutes



Reporting Contacts

NATIONAL RESPONSE CENTER

(800) 424-8802

www.nrc.uscg.mil

- EPA can & will penalize if a facility fails to properly notify
- ANY facility representative can make the report
- All the information does not need to be known at the time of the initial report

If in doubt...report it



Spill Cleanup

All contamination, reportable or not, must be cleaned up properly.





Know Your **ER** Contractor

www.dep.state.fl.us/oer/contractors.htm



FDEP 24-hr. Emergency Response # (800) 320-0519
 Florida Department of Environmental Protection, Bureau of Emergency Response
24-HOUR EMERGENCY RESPONSE CONTRACTORS

Emergency Response Contractors are listed by the county in which they maintain an office. Most Emergency Response Contractors can provide service to other counties and some provide service statewide. BER does not endorse any contractor and a firm's absence or presence does not imply prejudice or impartiality. Call the FDEP Bureau of Emergency Response at (850) 245-2010 with any questions.

CONTRACTOR NAME	OFFICE (County)	24-HOUR #	RESPONSE TYPE
A&S Oil Recovery of Florida, Inc.	Pinellas	(727) 321-2602	H, P
AAG Environmental	Alachua	(800) 472-9251	H, P, Hg
AAG Environmental	Hernando	(800) 472-9251	H, P
AAG Environmental	Taylor	(800) 472-9251	H, P
AAG Environmental	Marion	(800) 472-9251	H, P
AAG Environmental	Seminole	(800) 472-9251	H, P
AM Environmental	Palm Beach	(561) 779-6394	H, P
American Compliance Technologies	Alachua	(800) 226-0911	H, P, X, R, Hg
American Compliance Technologies	Broward	(800) 226-0911	H, P, X, R, Hg
American Compliance Technologies	Hillsborough	(800) 226-0911	H, P, X, R, Hg
American Compliance Technologies	Lee	(800) 226-0911	H, P, X, R, Hg
American Compliance Technologies	Orange	(800) 226-0911	H, P, X, R, Hg
American Compliance Technologies	Pinellas	(800) 226-0911	H, P, X, R, Hg
American Compliance Technologies	Polk	(800) 226-0911	H, P, X, R, Hg
American Compliance Technologies	Seminole	(800) 226-0911	H, P, X, R, Hg
American Compliance Technologies	Volusia	(800) 226-0911	H, P, X, R, Hg
American Compliance Technologies	Duval	(800) 226-0911	H, P, X, R, Hg
Affordable Environmental Audits	Sumter	(352) 568-1930	H, P
Clark Environmental, Inc.	Polk	(863) 425-4884	H, P
Clean Harbors Environmental Services, Inc.	Polk	(800) 699-8916	H, P, Hg
Cliff Berry, Inc.	Broward	(800) 899-7745	H, P, Hg
Cliff Berry, Inc.	Brevard	(321) 639-4199	H, P, Hg
Cliff Berry, Inc.	Miami-Dade	(800) 899-7745	H, P, Hg
Cliff Berry, Inc.	Duval	(800) 899-7745	H, P, Hg
Cliff Berry, Inc.	St. Lucie	(800) 899-7745	H, P, Hg
Cliff Berry, Inc.	Hillsborough	(800) 899-7745	H, P, Hg
Common Ground Environmental, Inc.	Polk	(863) 860-0826	H, P
Diversified Environmental Services, Inc.	Hillsborough	(813) 248-3256	P
Eagle-SWS	Bay	(800) 852-8878	H, P, X, R, Hg
Eagle-SWS	Broward	(800) 852-8878	H, P, X, R, Hg
Eagle-SWS	Escambia	(800) 852-8878	H, P, X, R, Hg
Eagle-SWS	Hillsborough	(800) 852-8878	H, P, X, R, Hg
Eagle-SWS	Lee	(800) 852-8878	H, P, X, R, Hg
Eagle-SWS	Orange	(800) 852-8878	H, P, X, R, Hg
Eagle-SWS	Pinellas	(800) 852-8878	H, P, X, R, Hg
Eagle-SWS	Polk	(800) 852-8878	H, P, X, R, Hg
Eco-Care, Inc.	Miami-Dade	(305) 558-2277	H, P, Hg
Environmental Hazmat Services, Inc.	Houston, Alabama	(866) 440-8734	H, P
Environmental Management Solutions, LLC	Lake	(352) 241-9173	H, P
Environmental Remediation Services	Duval	(800) 718-5598	H, P, Hg
Environmental Research and Restoration	Broward	(954) 989-3322	H, P, X, Hg
EnviroTrac Ltd.	Hillsborough	(813) 626-8443	P
E. Q. Florida	Hillsborough	(800) 624-5302	H, P, Hg
Everglades Waste Removal Services, LLC	Broward	(954) 527-9939	H, P
Express Commercial, Inc.	Volusia	(386) 804-2160	P, Hg
FCC Environmental	Broward	(800) 235-0189	H, P, Hg
FCC Environmental	Orange	(800) 235-0189	H, P, Hg
FCC Environmental	St. Lucie	(800) 235-0189	H, P, Hg
Florida Environmental Compliance Corporation	Duval	(904) 731-8000	P, Hg

The Office of Emergency Response does not endorse any contractor



Your **ER** Contractor Should be Capable of:

- Respond in a timely manner
- Have appropriate response equipment on-hand for your specific needs:
 - Absorbent materials readily available
 - Vacuum Truck(s)
 - Boats capable of responding
 - If not, do you have a vessel that can be utilized?
 - Hard Boom readily available?



A Good ER Contractor Should be:

- Experienced and capable of:
 - Cleaning up releases:
 - Appropriate training, safety equipment and safety plans for all personnel
 - Ensuring waste is properly identified and disposed of.
 - Document disposal and other requirements as directed by you and the regulating entity



What is the #1 Concern if You Have a Spill at Your Facility?

- a) Calling the State Warning Point
- b) Notifying your supervisor
- c) Calling 911
- d) How to dispose of the waste
- e) Your safety
- f) Determining the cause



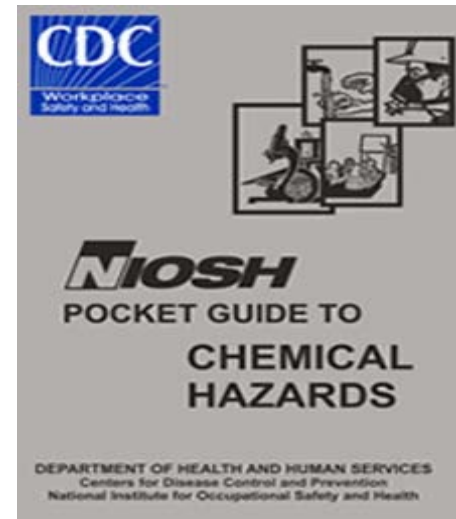
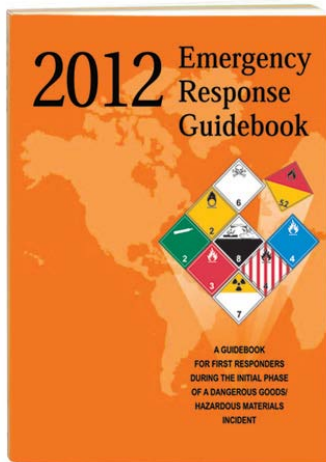
Where to Find Chemical Information

- Label
- MSDS/MDS
- Shipment Papers
- Manufacturer
- Chemtrec:
1-800-262-8200
www.chemtrec.org





Reference Materials and Resources



Do you and your employees know where to find this information?

Do you and your employees know how to utilize these documents???



The Aftermath

- If you have a release of a product it is probably now a waste
- If HW, how does this affect your generator status?
- Contact the FDEP District office for advice



RP Responsibilities

(RP = Responsible Party)



- Insure spill is properly cleaned up.
- Remediation of soil, ground water, surface water, etc.
- Hiring cleanup contractor
- Reporting & related paperwork
- Work with authorities, contractor, insurance company, etc.
- If you don't, DEP/EPA can bring in their contractor, plus admin. fees, etc. – Will cost more!

Tanker Spill of “Industrial Strength” Drain Cleaner



Questions?

STATE WATCH OFFICE

(800) 320-0519

24 hours a day, 7 days a week, 365 days a year

NATIONAL RESPONSE CENTER

(800) 424-8802

www.nrc.uscg.mil

24 hours a day, 7 days a week, 365 days a year