

# CHECKLIST

## FOR SAFE DREDGING NEAR UNDERWATER GAS & HAZARDOUS LIQUID PIPELINES

**SEE SOMETHING •  
SAY SOMETHING • ACT**

(Review at pre-job, toolbox, shift change, and daily safety meetings.)













<input type="checkbox"/>	Confirm 811 One Call Notification was made and covers all areas of worksite. (Confirm an additional notification was made for <i>each</i> option awarded in a multi-option contract.)
<input type="checkbox"/>	Confirm a response was received from pipeline company(ies).
<input type="checkbox"/>	Verify all pipelines have been properly surveyed and marked.
<input type="checkbox"/>	View most recent NOAA ENC® with an electronic chart system (ECS) during planning, navigation and dredging operations.
<input type="checkbox"/>	Verify all known pipeline locations and maps are uploaded into onboard navigation guidance software of all floating plant, especially dredges.
<input type="checkbox"/>	Verify all known pipeline locations are identified in onboard dredge plan.
<input type="checkbox"/>	Verify a pipeline company representative will be onsite before work begins.
<input type="checkbox"/>	Review tolerance zone distances (“No Go Zones”) around each pipeline and confirm they are agreed to by pipeline operator and dredger.
<input type="checkbox"/>	Verify dredged material placement sites, heavy equipment, and discharge pipe activity have same pipeline avoidance measures in place.
<input type="checkbox"/>	Confirm pipeline crossing schedule, spud plans, safe mooring and anchor locations for barges, tugs, and support vessels are agreed to by all parties.
<input type="checkbox"/>	Review water depths vs. drafts for all vessels to ensure safe passage over pipelines – 3 ft. of clearance is recommended.
<input type="checkbox"/>	Discuss updates and concerns from previous days regarding the pipelines.
<input type="checkbox"/>	Conduct walk-arounds during dredging and spudding activities to identify signs of a pipeline leak - bubbles, rainbow sheen, hydrocarbon smell.
<input type="checkbox"/>	Identify other mariners working in area who could help in emergency.
<input type="checkbox"/>	Review emergency response and evacuation procedures.
<input type="checkbox"/>	Always assume a pipeline is active.
<input type="checkbox"/>	Be aware of possible unknown pipelines.

# EMERGENCY

ACT IMMEDIATELY IF A PIPELINE STRIKE IS SUSPECTED

SHUTDOWN • COMMUNICATE • EVACUATE

If you recognize **ANY** signs of a pipeline leak, follow these steps:

<input type="radio"/>		Immediately stop all operations and keep yourself safe.
<input type="radio"/>		Shut down or minimize use of all possible ignition sources: motors, generators, lights, etc.
<input type="radio"/>		Account for all crewmembers & communicate hazards to them.
<input type="radio"/>		Call 911 (required), Channel 16, or U.S. Coast Guard & describe your location.
<input type="radio"/>		If possible, drift out of area before starting an ignition source.
<input type="radio"/>		Evacuate vessel if needed.
<input type="radio"/>		Contact pipeline company emergency number in your plan to shut down the line.
<input type="radio"/>		If you see a pipeline sign nearby, call emergency number listed.
<input type="radio"/>		Notify U.S. Coast Guard and National Response Center (800)-424-8802.
<input type="radio"/>		Call 911 again to update emergency responders on situation.
<input type="radio"/>		Check state laws for other entities you must notify.
<input type="radio"/>		Notify USACE Quality Assurance POC, Safety POC, or Project Manager on the contract.

This recommended hazard mitigation checklist promotes safe dredging and marine construction operations near underwater gas and hazardous liquid pipelines located in U.S. Army Corps of Engineers federal navigation channels. It was developed by the Council for Dredging and Marine Construction Safety (CDMCS) in consultation with professionals working in and regulating the dredging and pipeline industries. It does not replace or override any individual entity's health, safety, and environmental protocols. It is a general recommendation on suggested considerations in the dredging and marine construction industry. It does not create an obligation or requirement on any private sector company or public or government entity. All users should first consult authorized information sources including, but not limited to, the following: (i) employer practices, (ii) industry practices, (iii) federal and state statutes and regulations, and (iv) applicable local laws, regulations and ordinances. It is not a substitute for any employer or industry practice, nor does it supersede any applicable local, state or federal law, regulation, ordinance or policy. The CDMCS and its members shall be held harmless from any interpretation or application of the information contained herein.

