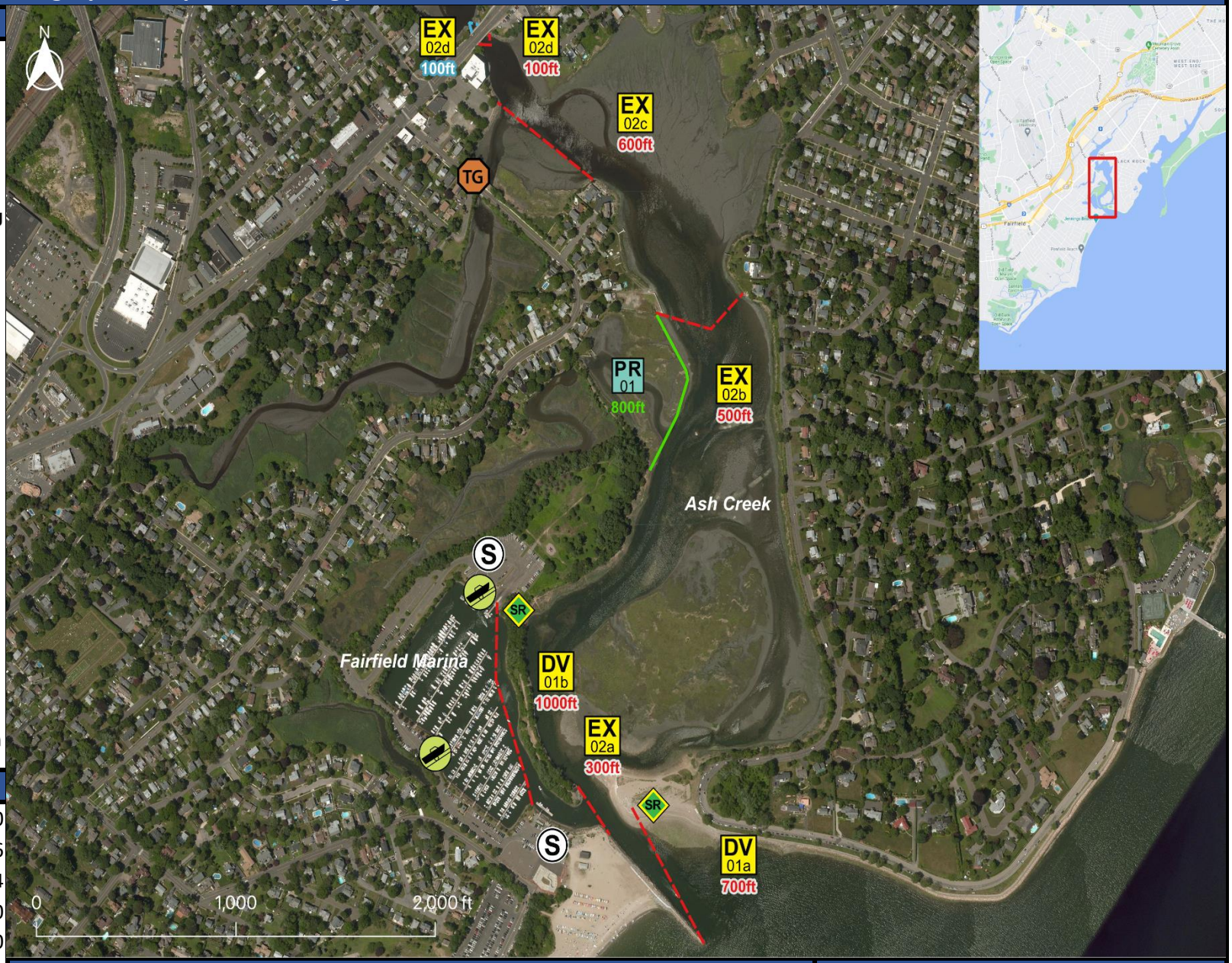
USCG LIS Bridgeport Geographic Response Strategy

Ash Creek BH01A

Tactics Legend

- DF — Deflection Booming
- DV — Diversion Booming
- EX — Exclusion Booming
- FO — Free Oil Recovery
- PR — Passive Recovery
- SR — Shoreside Recovery
- S — Staging Area
- Boat Ramp
- TG — Tide Gate
- Protected-Water Boom
- Open-Water Boom
- Snare/ Sorbent Boom



Equipment - All Tactics

Boom(ft)	3300
Marine anchors	16
Shore anchors	14
Sorbent Boom(ft)	800
FO Recovery Sys	0
Shore Responders	4
Boat Responders	2
Boats	2

Version

2/6/2023

Response Trailer and GIS Data Information

CT DEEP has 6 pre-positioned oil spill response trailers, each with 1,000 ft (one with 5,000 ft) of boom and other equipment. Contact CT DEEP Emergency Dispatch for more information.

NY DEC has pre-positioned oil spill response trailers equipped with boom, absorbent material and other equipment. Contact NY DEC Oil Spill Hotline for more information.

Location

Latitude:	41° 8' 49"
Longitude:	73° 14' 0"
NOAA Chart #	12369

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Tactic #	**Purpose**	**Response Equipment**	**Deployment Resources**	**Deployment Notes**
TG 	Tide Gates can act as an effective exclusion tactic during a spill to control the flow of oil into sensitive areas.	Coordinate with the local agency or organization that controls the tide gate, lock, or hurricane barrier to determine if the barrier could be closed to minimize spilled oil movement. **N/A** **Testing Date**	**Tested**	Consult with UC and appropriate local officials knowledgeable in the operation and limitations of tide gate. If needed, deploy hard boom or sorbent material around the entrance to the tide gate to ensure a proper seal. Tide gate system must be monitored throughout tidal cycle. See Special considerations for additional gate-specific information.
PR-01 	Remove spilled oil by collecting it in a sorbent material	800 ft sorbent boom 800 ft sorbent pom-poms 23 anchor stakes **N/A** **Testing Date**	2 shore responders **Tested**	Place and stake snare or sorbent boom in areas that are likely to pool and collect oil and across the mouths of the streams and intertidal areas. Use snare boom for persistent oils and sorbent boom for non-persistent oils. Approach the streams and intertidal areas on rising tide. Replace as necessary to maximize oil recovery.
SR-01a 	Remove spilled oil that has been diverted to a designated recovery site accessible from shore	2 skimming system 2 storage tank or bladder 2 hoses, pumps, fittings **N/A** **Testing Date**	2 shore responders **Tested**	Set up shoreside recovery tactic at general location depicted on map. Some access points located at private residences. Access may be difficult
DV-01a 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	700 ft protected water boom 3 marine anchor system 2 shoreline anchor system **Testing Date**	2 shore responders 1 response boats 1 boat operators **N** **Tested**	Tend through tidal changes. Deploy boom as depicted to divert incoming oil to the collection site. Anchor every 200-300'. Adjust angle as necessary to reduce entrainment. Set up shoreside recovery and tend throughout tide. Deploy shoreside anchor first.
DV-01b 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	1000 ft protected water boom 5 marine anchor system 2 shoreline anchor system **Testing Date**	4 shore responders 2 response boats 2 boat operators **N** **Tested**	Tend through tidal changes. Deploy boom as depicted to divert incoming oil to the collection site. Anchor every 200-300'. Adjust angle as necessary to reduce entrainment. Set up shoreside recovery and tend throughout tide. Deploy shoreside anchor first.
EX-02a 	Prohibit oil slicks from entering a sensitive area	300 ft protected water boom 1 marine anchor system 2 shoreline anchor system **Testing Date**	2 shore responders 1 response boats 1 boat operators **N** **Tested**	Tend through tidal changes. Deploy boom as depicted to exclude oil from sensitive areas. Anchor every 200-300'. Not tide dependent Deploy shoreside anchor first.
EX-02b 	Prohibit oil slicks from entering a sensitive area	500 ft protected water boom 2 marine anchor system 2 shoreline anchor system **Testing Date**	2 shore responders 1 response boats 1 boat operators **N** **Tested**	Tend through tidal changes. Deploy boom as depicted to exclude oil from sensitive areas. Anchor every 200-300'. Not tide dependent Deploy shoreside anchor first. Readjust boom angle as needed to reduce entrainment
EX-02c 	Prohibit oil slicks from entering a sensitive area	600 ft protected water boom 3 marine anchor system 2 shoreline anchor system **Testing Date**	2 shore responders 1 response boats 1 boat operators **N** **Tested**	Tend through tidal changes. Deploy boom as depicted to exclude oil from sensitive areas. Anchor every 200-300'. Not tide dependent Deploy shoreside anchor first.
EX-02d 	Prohibit oil slicks from entering a sensitive area	100 ft protected water boom 1 marine anchor system 2 shoreline anchor system **Testing Date**	2 shore responders 1 response boats 1 boat operators **N** **Tested**	Tend through tidal changes. Deploy boom as depicted to exclude oil from sensitive areas. Anchor every 200-300'. Not tide dependent Deploy shoreside anchor first. Readjust boom angle as needed to reduce entrainment
EX-02d 	Prohibit oil slicks from entering a sensitive area	100 ft protected water boom 1 marine anchor system 2 shoreline anchor system **Testing Date**	2 shore responders 1 response boats 1 boat operators **N** **Tested**	Tend through tidal changes. Deploy boom as depicted to exclude oil from sensitive areas. Anchor every 200-300'. Not tide dependent Deploy shoreside anchor first. Alternate deployment with tide - reset during slack. Readjust boom angle as needed to reduce entrainment

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Local contacts

Audubon Connecticut	203-869-5272
Bridgeport Fire Department	203-337-2070
Bridgeport Harbormaster	203-576-8288
Bridgeport Emergency Mgmnt	203-579-3822
Bridgeport Fire Department	203-337-2070
Bridgeport Harbormaster	203-576-8288
Bridgeport/PJ Steamboat Co.	888-44-FERRY
Bridgeport/PJ Steamboat Co.	631-473-0286
Fairfield Fire Department	203-254-4899
Santa Energy	800-937-2682
Sprague Terminal	203-336-2136
Stratford Dispatch Center	203-385-4100
Stratford Emergency Management	203-650-9510
Stratford EM	202-270-2700
Stratford Fire Department	203-385-4070
Long Island Soundkeeper	203-854-5330
Safety Kleen	203-466-2002
CT DEEP Emergency Dispatch	860-424-3338 (24 hr)
CT Dept. of Agriculture/Shellfish	203-874-0696
CT State Emergency Response Commission	860-424-3373
USFWS N.E. Field Office	603-223-2541
USCG Sector Long Island Sound	203-468-4401
National Response Center	800-424-8802

Resources Protected

See most current data in NOAA Environmental Sensitivity Index (ESI) Map 16 or reference applicable data layer in NOAA Environmental Response Management Application (ERMA)

Fairfield Marina entrance at site of DV-01b looking west

Ash Creek at site of EX-02c looking south. Tide gate at middle right

Navigational Hazards

River conditions including flow rate and flood stage vary depending on time of year and heavy rain snowfall and/or tidal conditions. Vessel operators should have local knowledge and experience operating in riverine environments.

Special Considerations

There is an extensive marsh system and a significant portion of the area is vulnerable to flooding during high tide or storm surge. Tide gates play an important role in spill response and storm surge events. Survey site prior to deployment and modify deployment tactics and techniques as appropriate based on observed river conditions. If ice is present GRS tactics & strategies must be reevaluated.