





Lake Champlain Geographic Response Plan
 Grand Isle Ferry Dock LC-VT-06



ID	Location and Description	Response Strategy	Implementation
LC-06-01 	Grand Isle Ferry Lat. 44°41'19.66"N Lon. 73°20'59.78"W	Containment Contain oil near the source to reduce impacts to Lake Champlain and nearby sensitive resources.	Deploy anchors and boom with skiffs. Using anchors and structures, place protected-water boom in the water in the vicinity of the source. . Be aware of and compensate for flow/currents that may move oil underwater and outside containment boom. Additional sorbent boom and/or pads may be placed inside the protected-water boom to recover oil. Replace as necessary. If a significant amount of oil is collecting within the boom, a collection system may be established. Tend as necessary based on wind and water flow.
LC-06-02 	Grand Isle Ferry Dock a.) Gordon Landing – Lat. 44°41'19.45"N Lon. 73°20'55.81"W b.) Ed Weed Fish Culture Station – Lat. 44°41'22.36"N Lon. 73°20'53.04"W	Exclusion Set boom across entrances to creeks, inlets, coves and near water treatment facilities to prevent oil from migrating into sensitive areas and critical infrastructure. Adjust the angle and length of boom depending on oil trajectory, river flow rate, and wind.	For (a) Deploy 450 ft of 12” – 18” boom as depicted to prevent oil from impacting nearby sensitive cultural sites. For (b) Deploy 50 ft of 12” – 18” boom as depicted to prevent oil from impacting the Ed Weed Fish Culture Station water intake. Secure with anchor stakes on shore and anchors in midstream. Deploy passive recovery using sorbents at attachment points to minimize leakage.



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Response Resources	Staging Area Site Access	Resources Protected	Special Considerations	ID
<p>Deployment</p> <p>Equipment 12"-18" boom, anchors and stakes as needed based on incident specific containment needs</p> <p>Vessels 1 work boat or skiff</p> <p>Personnel/Shift 2 vessel crew (per vessel)/2 shoreside responders</p> <p>Tending</p> <p>Vessels 1 work boat or skiff</p> <p>Personnel/Shift 2 vessel crew (per vessel)/2 shoreside responders</p>	<p>Staging Area: Grand Isle Ferry Dock facility</p> <p>Site Access: VT F&W Vantines Fishing Access Area/Boat Ramp</p> <p>Via marine waters for deploying and tending boom.</p> <p>Chart 14782</p>	<p>Cultural Resources- Historical/Archaeological Sites, Native American Tribal Lands</p> <p>Human use-Port or Harbor, Water intake</p>	<p>Lake and river conditions including flow rate and flood stage vary depending on time of year and heavy rain and/or snowfall. Survey site prior to deployment and modify deployment tactics and techniques as appropriate based on observed river conditions. If ice is present GRP tactics and strategies must be reevaluated. Vessel operators should have local knowledge and experience operating in riverine environments. Entire site surveyed: 04/25/17.</p> <p>Field tested: No</p>	<p>LC-06-01</p> <p>C</p>
<p>Deployment</p> <p>Equipment 500 ft. 12"-18" boom 2 anchor sets 4 anchor stakes</p> <p>Vessels Same as LC-06-01</p> <p>Personnel/Shift Same as LC-06-01</p> <p>Tending</p> <p>Vessels Same as LC-06-01</p> <p>Personnel/Shift Same as LC-06-01</p>	<p>Staging Area: Same as LC-06-01</p> <p>Site Access: Same as LC-06-01</p>		<p>Same as LC-06-01 and</p> <p>Lake Champlain Transport maintains a spill response kit at the Grand Isle Ferry Dock facility that includes 300 ft. of 12" boom, 150 ft of sorbent boom, pads and other ancillary equipment.</p>	<p>LC-06-02</p> <p>EX</p>





Site Photographs and Contact Information



Aerial view of Gordon Landing/Ferry Dock facility. Ed Weed Fish Culture Station is in lower left of image.



Grand Isle Ferry Dock looking north/northwest during Spring flood stage.



Facility generator adjacent to Gordon Landing cove. Fixed fuel tank located under generator pad.

CONTACT INFORMATION:

- All VT Fire Departments: **Call 911**
- EPA Region 1 Tribal Program: 617-918-1123
- Missisquoi National Wildlife Refuge: 802-868-4781
- National Response Center: 800-424-8802**
- VT Comm. on Native American Affairs:
802-779-7015
- VT DEC (24-Hour): 800-641-5005**
- VT Drinking Water & Groundwater: 802-741-5311
- VT Emergency Mgmt & Homeland Security:
800-347-0488
- VT Fish & Wildlife Dept (Essex): 802-878-1564
- VT Hazmat Response Team: 800-641-5005
- VT Div of Historical Preservation: 802-272-2509

Lake Champlain GRPs have been incorporated into EPA Region One’s Inland Area Contingency Plan (ACP) and is available at the following website: https://nrtqa.ert.org/site/doc_list.aspx?site_id=38 or accessed via QR reader-enabled smartphones by scanning the QR code at right.

