



Lake Champlain Geographic Response Plan
Mount Independence LC-VT-15



ID	Location and Description	Response Strategy	Implementation
<p>LC-15-01</p> <p>EX</p>	<p>East creek Lat. 43°49'55.54"N Lon. 73°22'35.93"W</p>	<p>Exclusion</p> <p>Set boom across entrances to creeks, inlets, coves and near water treatment facilities to prevent oil from migrating into sensitive areas and critical infrastructure.</p> <p>Adjust the angle and length of boom depending on oil trajectory, river flow rate, and wind.</p>	<p>Deploy 650 ft of 12” – 18” boom as depicted to prevent oil from impacting nearby sensitive cultural and historic sites.</p> <p>Secure with anchor stakes on shore and anchors in midstream. Deploy passive recovery using sorbents at attachment points to minimize leakage.</p>
<p>LC-15-02</p> <p>C</p>	<p>Mount Independence</p> <p>a.) Buoy 39 Marina – Lat. 43°49'23.26"N Lon. 73°23'24.23"W</p> <p>b.) Mt Independence – Lat. 43°49'38.05"N Lon. 73°23'23.58"W</p>	<p>Containment</p> <p>Contain oil near the source to reduce impacts to Lake Champlain, Mount Independence and nearby sensitive historical and cultural resources.</p>	<p>For (a) Deploy 500 ft of 12” – 18” boom as depicted to prevent oil from impacting Lake Champlain, Mount Independence and nearby sensitive historical and cultural resources.</p> <p>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.</p> <p>Additional sorbent boom and/or pads may be placed inside the protected-water boom to recover oil. Replace as necessary.</p> <p>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.</p>



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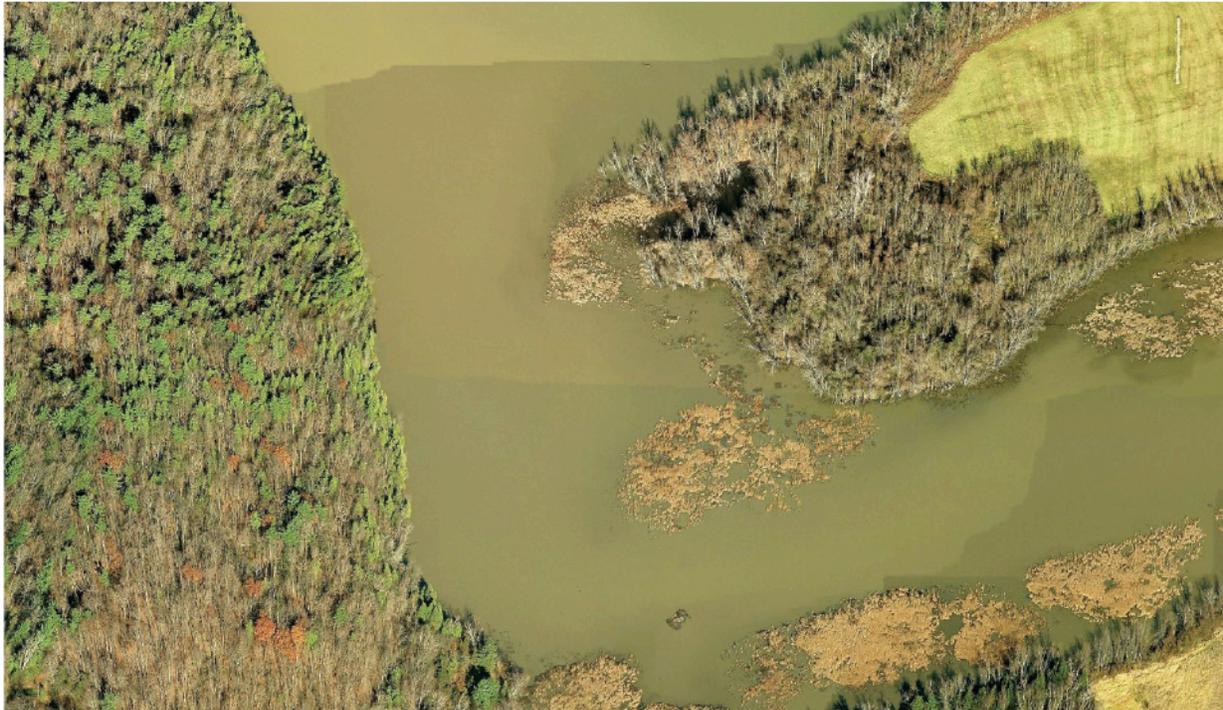


Response Resources	Staging Area Site Access	Resources Protected	Special Considerations	ID
<p>Deployment</p> <p>Equipment</p> <p>650 ft. 12"-18" boom</p> <p>1 anchor set</p> <p>4 anchor stakes</p> <p>Vessels</p> <p>2 work boats or skiffs</p> <p>Personnel/Shift</p> <p>2 vessel crew (per vessel)/2 shoreside responders</p> <p>Tending</p> <p>Vessels</p> <p>2 work boats or skiffs</p> <p>Personnel/Shift</p> <p>2 vessel crew (per vessel)/2 shoreside responders</p>	<p>Staging Area and Site Access: VT F&W Larrabees Point or Mount Independence Fishing Access Areas</p> <p>Via marine waters for deploying and tending boom.</p> <p>Chart 14784</p>	<p>Invertebrates-Fragile Papershell, Giant Floater, Pink Heelsplitter</p> <p>Threatened/Endangered Species – Rare Species (Includes Vermont's Rare and Uncommon Animals), Species of Special Concern</p> <p>Cultural Resources-Historical/Archaeological Sites, Native American Tribal Lands</p> <p>Human use-Boat ramp, park</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: 04/26/17.</p> <p>Field tested: No</p>	<p>LC-15-01</p> <p>EX</p>
<p>Deployment</p> <p>Equipment</p> <p>For (a) 500 ft of 12" – 18" boom</p> <p>For (b) 12"-18" boom, anchors and stakes as needed based on incident specific containment needs</p> <p>Vessels</p> <p>Same as LC-15-01</p> <p>Personnel/Shift</p> <p>Same as LC-15-01</p> <p>Tending</p> <p>Vessels</p> <p>Same as LC-15-01</p> <p>Personnel/Shift</p> <p>Same as LC-15-01</p>	<p>Staging Area: Same as LC-15-01</p> <p>Site Access: Same as LC-15-01</p>		<p>Same as LC-15-01</p>	<p>LC-15-02</p> <p>C</p>





Site Photographs and Contact Information



Mouth of East Creek at site of EX-01.



Buoy 39 Marina looking east.

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 Mgmnt & 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.

