





Lake Champlain Geographic Response Plan
Alburgh LC-VT-03



ID	Location and Description	Response Strategy	Implementation
LC-03-01 	Route 78 Breakwater Lat. 44°58'23.87"N Lon. 73°13'9.59"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.	Deploy 900 ft of 12” – 18” boom as depicted to prevent oil from migrating north towards Missisquoi NWR. Secure with anchor stakes on shore and anchors in midstream. Deploy passive recovery using sorbents at attachment points to minimize leakage.
LC-03-02 	Lake Champlain/Route 78 Bridge Lat. 44°58'18.84"N Lon. 73°13'16.52"W	Containment Contain oil near the source to reduce impacts to Charcoal Creek, Missisquoi NWR 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-03-03 	Lake Champlain/Route 78 Bridge Lat. 44°58'18.84"N Lon. 73°13'16.52"W	Free Oil Recovery Maximize free-oil recovery in the vicinity of the Route 78 and New England Central Railroad bridge depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current. Use aerial surveillance to locate incoming slicks. Ensure that responders have experience with on-water free-oil recovery.



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Response Resources	Staging Area Site Access	Resources Protected	Special Considerations	ID
<p>Deployment</p> <p>Equipment</p> <p>900 ft. 12"-18" boom</p> <p>2 anchor sets</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: VT F&W Larry Greene Fishing Access Area</p> <p>Site Access: VT F&W Larry Greene Fishing Access Area</p> <p>Via marine waters for deploying and tending boom.</p> <p>Chart 14781</p>	<p>Invertebrates-Fragile Papershell, Giant Floater, Pink Heelsplitter</p> <p>Threatened/Endangered Species –Rare habitat & species, Spiny Softshell Turtle</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: 04/25/17.</p> <p>Field tested: No</p>	<p>LC-03-01</p> <p>EX</p>
<p>Deployment</p> <p>Equipment</p> <p>12"-18" boom, anchors and stakes as needed based on incident specific containment needs</p> <p>Vessels</p> <p>Same as LC-03-01</p> <p>Personnel/Shift</p> <p>Same as LC-03-01</p> <p>Tending</p> <p>Vessels</p> <p>Same as LC-03-01</p> <p>Personnel/Shift</p> <p>Same as LC-03-01</p>	<p>Staging Area: Same as LC-03-01</p> <p>Site Access: Same as LC-03-01</p>		<p>Same as LC-03-01 and</p> <p>To transit through the railroad bridge, contact New England Central Railroad at 1-802-527-3480</p> <p>Jun 15 – Sep 15: 2hr notice</p> <p>Sep 15 – Jun 14: 24hr notice</p>	<p>LC-03-02</p> <p>C</p>
<p>Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.</p>	<p>Staging Area: Same as LC-03-01</p> <p>Site Access: Vessel Platform</p> <p>Via marine waters</p>		<p>Same as LC-03-01</p>	<p>LC-03-03</p> <p>FO</p>





Site Photographs and Contact Information



Aerial view of lake area at Route 78 and New England Central Railroad bridge



Route 78 bridge/jetty looking west from Larry Greene Fishing Access Area during Spring flood stage.



Route 78 bridge/jetty (EX-01 site) during Spring flood stage.



NE Central RR bridge during Spring flood stage. Note bridge opening notification sign

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.

