





Lake Champlain Geographic Response Plan
Malletts Creek LC-VT-08



ID	Location and Description	Response Strategy	Implementation
<p>LC-08-01</p> 	<p>Malletts Creek Lat. 44°34'12.09"N Lon. 73°10'56.92"W</p>	<p>Divert and Collect – Shoreside Divert incoming oil to shoreside recovery locations to protect Malletts Bay and Lake Champlain.</p>	<p>Deploy anchors and boom with skiffs. Deploy 150 to 400 ft.* of 6” – 12” boom at the proper angle to divert incoming oil to the collection site. <i>* Amount of required boom dependent on lake/creek level/flood stage.</i></p>
<p>LC-08-02</p> 	<p>I-89 Bridge Lat. 44°34'18.68"N Lon. 73°10'41.67"W</p>	<p>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.</p>	<p>Deploy 150 ft of 6” – 12” boom as depicted to prevent oil from migrating farther into Malletts Creek and Malletts Bay.. Secure with anchor stakes on shore and anchors in midstream. Deploy passive recovery using sorbents at attachment points to minimize leakage. Tend as necessary based on river flow conditions.</p>



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Response Resources	Staging Area Site Access	Resources Protected	Special Considerations	ID
<p>Deployment</p> <p>Equipment</p> <p>150 to 400 ft. of 6” – 12” boom</p> <p>2 anchor sets</p> <p>4 anchor stakes</p> <p>Vessels</p> <p>1 work boat or skiff</p> <p>Personnel/Shift</p> <p>2 vessel crew (per vessel)/2 shoreside responders</p> <p>Tending</p> <p>Vessels</p> <p>1 work boat or skiff</p> <p>Personnel/Shift</p> <p>2 vessel crew (per vessel)/2 shoreside responders</p>	<p>Staging Area: VT F&W Malletts Bay Public Boat Ramp (adjacent to Champlain Marina, 982 W Lakeshore Dr, Colchester, VT)</p> <p>Site Access: End of Sunset View Rd., Colchester, VT</p> <p>or</p> <p>Via marine waters for deploying and tending boom.</p> <p>Chart 14782</p>	<p>Threatened/Endangered Species – Rare Species (Includes Vermont’s Rare and Uncommon Animals)</p> <p>Cultural Resources- Historical/Archaeological Sites, Native American Tribal Lands</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-08-01</p> <p>DV</p>
<p>Deployment</p> <p>Equipment</p> <p>150 ft. 6”-12” boom</p> <p>1 anchor sets</p> <p>4 anchor stakes</p> <p>Vessels</p> <p>Same as LC-08-01</p> <p>Personnel/Shift</p> <p>Same as LC-08-01</p> <p>Tending</p> <p>Vessels</p> <p>Same as LC-08-01</p> <p>Personnel/Shift</p> <p>Same as LC-08-01</p>	<p>Same as LC-08-01</p>		<p>Same as LC-08-01</p>	<p>LC-08-02</p> <p>EX</p>



Site Photographs and Contact Information



Aerial view of Malletts Creek during seasonally high water.



Aerial view of Malletts Creek area during lower/normal lake levels.

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.

