1650 ft. of boom and associated equipment are required to implement all of the tactics in this GRP. Responders should always consider on-scene conditions before deploying GRP tactics. Tactics may not be safe or effective under certain conditions. Responder safety should always be the first priority.
<table>
<thead>
<tr>
<th>ID</th>
<th>Location and Description</th>
<th>Response Strategy</th>
<th>Implementation</th>
</tr>
</thead>
</table>
| LC-12-01 | Hawkins Bay  
  a.) Lewis Creek –  
  Lat. 44°14'54.44"N  
  Lon. 73°16'26.61"W  
  b.) State Forest Rd. –  
  Lat. 44°13'51.01"N  
  Lon. 73°15'15.66"W  
  c.) Little Otter Creek –  
  Lat. 44°12'22.43"N  
  Lon. 73°15'18.12"W  | Divert and Collect –  
  Shoreside  
  Divert incoming oil to  
  shoreside recovery locations to  
  protect areas Lewis/Little Otter  
  Creeks, Hawkins Bay, and  
  Lake Champlain.  
  Deploy anchors and boom with skiffs. 
  For (a) Deploy 150 ft. of 6” – 12” boom in a single  
  leg at the proper angle to divert incoming oil to the  
  collection site. 
  For (b) Deploy 250 ft. of 6” – 12” boom in a single  
  leg at the proper angle to divert incoming oil to the  
  collection site. 
  For (c) Deploy 650 ft. of 6” – 12” boom in a single  
  leg or cascade array (2-300 ft sections) at the proper  
  angle to divert incoming oil to the collection site. | |
| LC-12-02 | Little Otter Creek  
  a.) R/R - West  
  Lat. 44°13'53.53"N  
  Lon. 73°15'10.91"W  
  b.) R/R - East –  
  Lat. 44°13'53.97"N  
  Lon. 73°15'8.31"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) and (b) Deploy 250 ft of 6” – 12” boom as  
  depicted to prevent oil from migrating farther into  
  Little Otter Creek. 
  Secure with anchor stakes on shore and anchors in  
  midstream. Deploy passive recovery using sorbents  
  at attachment points to minimize leakage. | |
| LC-12-03 | Little Otter Creek  
  Lat. 44°13'50.66"N  
  Lon. 73°15'17.61"W  | Culvert Blocking  
  Place culvert block and/or set  
  exclusion boom to prevent oil  
  from migrating up or  
  downstream into Charcoal  
  Creek and surrounding  
  environment.  
  Install culvert block or set up exclusion boom. If  
  inflatable plugs are not available, place plywood or  
  similar sheeting material across the entrance of the  
  culvert. Use plastic sheeting to ensure the seal. Stack  
  adequate sandbags against the plywood sheeting to  
  counter the out flow pressure. 
  Monitor the block to ensure blocking integrity. | |
<table>
<thead>
<tr>
<th>ID</th>
<th>Staging Area</th>
<th>Resources Protected</th>
<th>Special Considerations</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC-12-01</td>
<td>Same as LC-12-01</td>
<td>Threatened/Endangered Species – Rare Species (Includes Vermont's Rare and Uncommon Animals), Rare, Threatened, and Endangered Species Habitat, Species of Special Concern</td>
<td>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 Field tested: No</td>
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<tr>
<td>LC-12-02</td>
<td>Same as LC-12-01</td>
<td>Cultural Resources-Historical/Archaeological Sites, Native American Tribal Lands Human use-Boat ramp Land Management – Conservation Area, State Park</td>
<td></td>
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<td>LC-12-03</td>
<td>Same as LC-12-01</td>
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</tbody>
</table>

**Response Resources**

**Deployment Equipment**
- 1150 ft. 6”-12” boom
- 3 anchor sets
- 12 anchor stakes
- 1 shoreside recovery system

**Vessels**
- 1 work boat or skiff

**Personnel/Shift**
- 2 vessel crew (per vessel)/2 shoreside responders

**Tending Vessels**
- 1 work boat or skiff

**Personnel/Shift**
- 2 vessel crew (per vessel)/2 shoreside responders

<table>
<thead>
<tr>
<th>Deployment Equipment</th>
<th>500 ft. 6”-12” boom</th>
<th>2 anchor sets</th>
<th>1 work boat or skiff</th>
<th>2 vessel crew (per vessel)/2 shoreside responders</th>
<th>Tending Vessels</th>
<th>1 work boat or skiff</th>
<th>2 vessel crew (per vessel)/2 shoreside responders</th>
<th>Deployment (Per Culvert) Transport</th>
<th>1 Truck</th>
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**Transport**
- 1 Truck

**Equipment**
- 1 inflatable culvert block or 1 sheet of plywood
- 50-100 sandbags
- 1 polyethylene sheeting

**Personnel/Shift**
- 4 shoreside responders
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.