

1,200 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 first priority.






LEGEND			
DV	Diversion Booming	Protected-water Boom	Railroad
EX	Exclusion Booming	SR	Boat Ramp
CB	Culvert Blocking	Water Treatment Facility	Kayak Launch
			Staging Area





Blackstone River Geographic Response Plan
Lonsdale Marsh BR-05



ID	Location and Description	Response Strategy	Implementation
BR-05-01 	Lincoln a.) Lonsdale Drive-In Lat. 41°54'25.19"N Lon. 71°23'59.34"W Central Falls b.) Central Falls Landing Lat. 41°53'54.59"N Lon. 71°23'29.05"W	Divert and Collect – Shoreside Divert incoming oil to shoreside recovery locations to protect downstream areas along the Blackstone River.	Deploy anchors and boom with skiffs. Deploy anchors and boom with skiffs. For (a) Deploy 400 ft. of 12” – 18” boom in a single leg at the proper angle to divert incoming oil to the collection site. For (b) Deploy 350 ft. of 12” – 18” boom in a single leg at the proper angle to divert incoming oil to the collection site.
BR-05-02 	Lincoln Valley Falls Pond Lat. 41°53'52.25"N Lon. 71°23'40.09"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 450 ft. of 12” – 18” boom as depicted to prevent oil from impacting the water intake. Secure with anchor stakes on shore and anchors in midstream. Deploy passive recovery using sorbents at attachment points to minimize leakage.
BR-05 	Same as BR-05-01	Shoreside Recovery - Remove spilled oil that has been diverted to the designated recovery site accessible from shore.	Deploy skimming system(s) appropriate for the operating environment and temporary oil storage system in designated location. Oil spill contractor resources will be required to implement Shoreside Recovery tactics.





Blackstone River Geographic Response Plan
Lonsdale Marsh BR-05



Response Resources	Staging Area Site Access	Resources Protected	Special Considerations	ID
<p>Deployment</p> <p><i>Equipment</i></p> <p>750 ft. 12"-18" boom 2 anchor sets* 8 anchor stakes** 2 shoreside recovery systems</p> <p><i>Vessels</i></p> <p>2 work boats or skiffs</p> <p><i>Personnel/Shift</i></p> <p>2 vessel crew (per vessel)/2 shoreside responders</p> <p>Tending</p> <p><i>Vessels</i></p> <p>1 work boat or skiff</p> <p><i>Personnel/Shift</i></p> <p>2 vessel crew (per vessel)/2 shoreside responders</p> <p>*Anchor at end of each boom section and every 200 ft. ** Use two anchor stakes at end of each boom section</p>	<p>Staging Area:</p> <p>Lonsdale Drive-In, 125 John St., Lincoln, RI</p> <p>Central Falls Landing, 20 Madeira Ave., Central Falls, RI</p>	<p>Cultural Resources – Historical Site</p> <p>Human use - Boat Ramp, Critical Infrastructure, Dam, Park, Railroad, Water intake</p> <p>Land Management – Conservation Area, Non-Community Wellhead Protection Area, Residential</p> <p>Shoreline Habitat - Wetlands</p>	<p>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.</p> <p>Entire site surveyed: 04/23/18</p> <p>Field tested: No</p>	<p>BR-05-01</p> <p>DV</p>
<p>Deployment</p> <p><i>Equipment</i></p> <p>450 ft. 12"-18" boom 2 anchor sets* 4 anchor stakes**</p> <p><i>Vessels</i></p> <p>1 work boat or skiff</p> <p><i>Personnel/Shift</i></p> <p>2 vessel crew (per vessel)/2 shoreside responders</p> <p>Tending</p> <p><i>Vessels</i></p> <p>1 work boat or skiff</p> <p><i>Personnel/Shift</i></p> <p>2 vessel crew (per vessel)/2 shoreside responders</p>	<p>Staging Area:</p> <p>Central Falls Landing, 20 Madeira Ave., Central Falls, RI</p>	<p>Same as BR-05-01</p>	<p>Same as BR-05-01</p>	<p>BR-05-02</p> <p>EX</p>
<p>Deployment</p> <p><i>Equipment (All sites)</i></p> <p>1 shoreside recovery system</p> <p><i>Vehicles</i></p> <p>1 truck or truck with trailer</p> <p><i>Personnel/Shift*</i></p> <p>2-5 shoreside responders (depending on recovery system and hours of operation)</p>	<p>Same as BR-05-01</p>	<p>Same as BR-05-01</p>	<p>Same as BR-05-01</p>	<p>BR-05</p> <p>SR</p>





Site Photographs and Contact Information



Central Falls Landing Staging Area



Central Falls Landing Boat Ramp. Site of DV-01b to left (upriver)



Site of DV-01b looking upriver



Site of EX-02 at Valley Falls Pond



View downriver towards Valley Falls Dam from boat ramp

CONTACT INFORMATION:

- Central Falls FD: 401-727-7446
- Central Falls Public Works: 401-727-7466
- Central Falls Parks & Recreation: 401-727-7455
- Cumberland FD: 401-658-0544
- Cumberland Parks & Recreation: 401-334-9996
- Cumberland Conservation Comm: 401-728-2400 x. 142
- Lincoln Police Dept.: 401-333-1111
- RI DEM Emergency Response: 401-222-1360 (day)**
- RI DEM Emergency Response: 401-222-3070 (after hours)**
- RI DEM Water Resources: 401-222-3961 (day)
- RI DEM Freshwater Fish & Wildlife: 401-789-0281 (day)
- RI Historical Pres. & Heritage Comm.: 401-222-2678
- RI Emergency Management Agency: 401-946-9996
- National Response Center: 800-424-8802**

Blackstone River 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.

