



LEGEND			
Boat Ramp	DF Deflection Booming	PR Passive Recovery	S Staging Area
CB Culvert Block	DV Diversion Booming	Protected-water Boom	Railroad
DAM Dam	EX Exclusion Booming	SR Shoreside Recovery	Water Treatment Facility

1,500 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.





Penobscot River Geographic Response Plan
 Brewer PR-05



ID	Location and Description	Response Strategy	Implementation
<p>PR-05-01</p> 	<p>Brewer Brewer Municipal Boat Launch Lat. 44° 49.202'N Lon. 68° 43.245'W</p>	<p>Divert and Collect – Shoreside Position boom in the identified configuration to intercept oil before it migrates further downriver and divert oil to riverbank for recovery.</p> <p>Consider source location and river flow patterns when selecting tactics and deployment strategies.</p> <p>Adjust the angle and length of boom depending on oil trajectory, river flow rate, and wind.</p>	<p>Deploy 1,500 ft. of 12” – 18” boom in a cascade array (5-300 ft sections) at the proper angle to divert incoming oil to the collection site.</p> <p>Set up shoreside recovery systems. Deploy passive recovery using sorbents at collection point to minimize leakage. Adjust the angle and length of boom and the shoreside collection site depending on oil trajectory.</p> <p>When implementing the Diversion tactic, responders must ensure that skimming systems and temporary oil storage devices are available to implement the shoreside recovery tactic.</p> <p>Tend as necessary based on river flow conditions.</p>
<p>PR-05</p> 	<p>Same as PR-05-01</p>	<p>Shoreside Recovery - Remove spilled oil that has been diverted to the designated recovery site accessible from shore.</p>	<p>Deploy skimming system(s) appropriate for the operating environment and temporary oil storage system in designated location.</p> <p>Oil spill contractor resources will be required to implement Shoreside Recovery tactics.</p>





Penobscot River Geographic Response Plan
 Brewer PR-05



ID	Response Resources	Staging Area Site Access	Resources Protected	Special Considerations
<p>PR-05-01</p> 	<p>Deployment <i>Equipment (All sites)</i> 1,500 ft 12” – 18” boom 8 anchor systems 4 anchor stakes (doubled at each shoreside anchor point) 1 shoreside recovery systems <i>Vessels</i> 2 skiffs <i>Personnel/Shift</i> 8 total (1 vessel operator + 1 responder per vessel, 4 shoreside responders) Tending <i>Vessels</i> 1 skiff <i>Personnel/Shift</i> 4 total (1 vessel operator + 1 responder per vessel, 2 shoreside responders)</p>	<p>Brewer Municipal Boat Launch - 962, 1016 N Main St, Brewer, ME 04412.</p>	<p>Fish/Birds-Atlantic Salmon, Wild Brook Trout Threatened/Endangered Species-Habitat of Special Concern Habitat-Sand & Gravel Aquifers Cultural-Historical/Archaeological Sites Human use- Boat Ramp or Marina, Infrastructure</p>	<p>River conditions including flow rate and water depth 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.</p> <p>Vessel operators should have local knowledge and experience operating in riverine environments..</p> <p>Site surveyed: 05/18/16.</p> <p>Field tested: not yet.</p>
<p>PR-05</p> 	<p>Deployment <i>Equipment (All sites)</i> 1 shoreside recovery system <i>Vehicles</i> 1 truck or truck with trailer <i>Personnel/Shift*</i> 2-5 shoreside responders (depending on recovery system and hours of operation)</p>	<p>Same as PR-05-01</p>	<p>Same as PR-05-01</p>	<p>Same as PR-05-01</p>



Site Photographs and Contact Information



Site of DV-01 looking downriver. Brewer Municipal boat ramp at upper left.



View of Brewer Municipal boat ramp from northern bank



View of Brewer Municipal boat ramp. Site of DV-01, staging area, and shoreside recovery.



Site of DV-01 looking upriver from Brewer Municipal Boat Ramp.

Contact Information:

Bangor Fire Department: 207-992-4701
Bangor Environmental Management: 207-992-4255
Brewer Fire Department: 207-989-7002
Brewer Environmental Services: 207-989-5417
Brewer Public Works: 207-989-7800
Veazie Fire Department: 207-945-5627
Maine DEP (Oil Spill): 800-482-0777
Maine DEP (HazMat Spill): 800-452-4664
Maine Dept of Inland Fisheries & Wildlife: 800-432-7381
Maine Dept. of Marine Resources: 207-941-4449
Maine Historic Preservation Commission: 207-287-2132
Maine Drinking Water Program: 207-557-4214
Penobscot County Emergency Management: 207-945-4750
Penobscot River Restoration Trust: 207-430-0114
Penobscot Nation Water Resource Manager: 207-356-5168
National Response Center: 800-424-8802

Kennebec and Penobscot 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.

