









**Pawtuxet River Geographic Response Plan**  
Warwick Mall PX-01



ID	Location and Description	Response Strategy	Implementation
<p><b>PX-01-01</b></p> 	<p><b>Warwick</b></p> <p>a.) Villa Del Rio Apts Lat. 41°43'7.70"N Lon. 71°28'25.39"W</p> <p>b.) Showcase Cinema Lat. 41°43'22.47"N Lon. 71°28'21.24"W</p>	<p><b>Divert and Collect – Shoreside</b></p> <p>Divert incoming oil to shoreside recovery locations to protect downstream areas along the Pawtuxet River.</p>	<p>Deploy anchors and boom with skiffs.</p> <p>For (a) Deploy 200 ft. of 12” – 18” boom in a single leg at the proper angle to divert incoming oil to the collection site.</p> <p>For (b) Deploy 300 ft. of 12” – 18” boom in a single leg at the proper angle to divert incoming oil to the collection site.</p> <p>For (a) and (a) alt small skiffs can be trailered to the deployment site via 4WD vehicles and must be hand-launched from the shoreline.</p>
<p><b>PX-01-02</b></p> 	<p><b>Warwick</b></p> <p>a.) Showcase Cinema Lat. 41°43'21.16"N Lon. 71°28'19.11"W</p> <p>a.) Matthew Xxv Apts. Lat. 41°43'22.19"N Lon. 71°28'18.26"W</p>	<p><b>Exclusion</b></p> <p>Set boom across entrances to creeks, inlets, coves and near water treatment facilities to prevent oil from migrating into sensitive areas and critical infrastructure.</p> <p>Adjust the angle and length of boom depending on oil trajectory, river flow rate, and wind.</p>	<p>For (a) Deploy 200 ft. of 12” – 18” boom as depicted to prevent oil from impacting the marshy area.</p> <p>For (b) Deploy 50 ft. of 12” – 18” boom as depicted to prevent oil from impacting the isolated pond area behind the Matthew Xxv Apartments.</p> <p>Secure with anchor stakes on shore and anchors in midstream. Deploy passive recovery using sorbents at attachment points to minimize leakage.</p>
<p><b>PX-01-03</b></p> 	<p><b>Warwick</b></p> <p>Showcase Cinema Lat. 41°43'22.47"N Lon. 71°28'21.24"W</p>	<p><b>Culvert Blocking</b></p> <p>Place culvert block and/or set exclusion boom to prevent oil from migrating into the Pawtuxet River and surrounding environment.</p>	<p>Install culvert block or set up exclusion boom along river bank. 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 outflow pressure.</p> <p>Monitor the block to ensure blocking integrity.</p> <p>These box culverts may be completely or partially submerged depending on river level. Consider deploying exclusion boom if culvert blocking not feasible.</p>
<p><b>PX-01</b></p> 	<p>Same as PX-01-01</p>	<p><b>Shoreside Recovery -</b></p> <p>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>







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Response Resources	Staging Area Site Access	Resources Protected	Special Considerations	ID
<p><b>Deployment</b> <i>Equipment</i> 500 ft. 12"-18" boom 2 anchor sets* 8 anchor stakes** 2 shoreside recovery systems</p> <p><i>Vessels</i> 1 work boat or skiff</p> <p><i>Personnel/Shift</i> 2 vessel crew (per vessel)/2 shoreside responders</p> <p><b>Tending</b> <i>Vessels</i> 1 work boat or skiff</p> <p><i>Personnel/Shift</i> 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: Warwick Mall/Showcase Cinema parking lot, 400 Bald Hill Rd., Warwick, RI</p> <p><i>Access to these deployment sites may be difficult during winter months when snowfall is present. Seasonal brush clearing may also be required.</i></p>	<p>Human use - Critical Infrastructure, Dam</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. Entire site surveyed: 04/24/18</p> <p>Field tested: No</p>	<p><b>PX-01-01</b></p> <p><b>DV</b></p>
<p><b>Deployment</b> <i>Equipment</i> 250 ft. 12"-18" boom 3 anchor sets* 4 anchor stakes**</p> <p><i>Vessels</i> 1 work boat or skiff</p> <p><i>Personnel/Shift</i> 2 vessel crew (per vessel)/2 shoreside responders</p> <p><b>Tending</b> Same as PX-01-01</p>	<p>Staging Area: Same as PX-01-01</p>	<p>Same as PX-01-01</p>	<p>Same as PX-01-01</p>	<p><b>PX-01-02</b></p> <p><b>EX</b></p>
<p><b>Deployment (Per Culvert)</b> <i>Transport</i> 1 Truck</p> <p><i>Equipment</i> 1 inflatable culvert block or 1 sheet of plywood 50-100 sandbags Polyethylene sheeting</p> <p><i>Personnel/Shift</i> 4 shoreside responders</p>	<p>Staging Area: Same as PX-01-01</p> <p>Site Access: Same as PX-01-01</p>	<p>Same as PX-01-01</p>	<p>Same as PX-01-01</p>	<p><b>PX-01-03</b></p> <p><b>CB</b></p>
<p><b>Deployment</b> <i>Equipment (All sites)</i> 1 shoreside recovery system</p> <p><i>Vehicles</i> 1 truck or truck with trailer</p> <p><i>Personnel/Shift*</i> 2-5 shoreside responders (depending on recovery system and hours of operation)</p>	<p>Same as PX-01-01</p>	<p>Same as PX-01-01</p>	<p>Same as PX-01-01</p>	<p><b>PX-01</b></p> <p><b>SR</b></p>





**Site Photographs and Contact Information**



Site of DV-01a near Villa Del Rio Apartments looking upriver



Access to river near site of DV-01b



Site of DV-01b and alt from west side of Pawtuxet River



Culverts along west bank of river near site of DV-01b

**CONTACT INFORMATION:**

Pawtuxet River Authority: 401-615-7030

Warwick FD: 401-468-4000

Warwick Public Works: 401-738-2003

Warwick Water Division: 401-738-2008

Warwick Public Works: 401-738-2008

**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**

Pawtuxet 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](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.

