# EPA Schuylkill River Geographic Response Plan – Grings Mill Recreation Area

**Schuylkill River SKR-CP-07**

## Tactics Legend

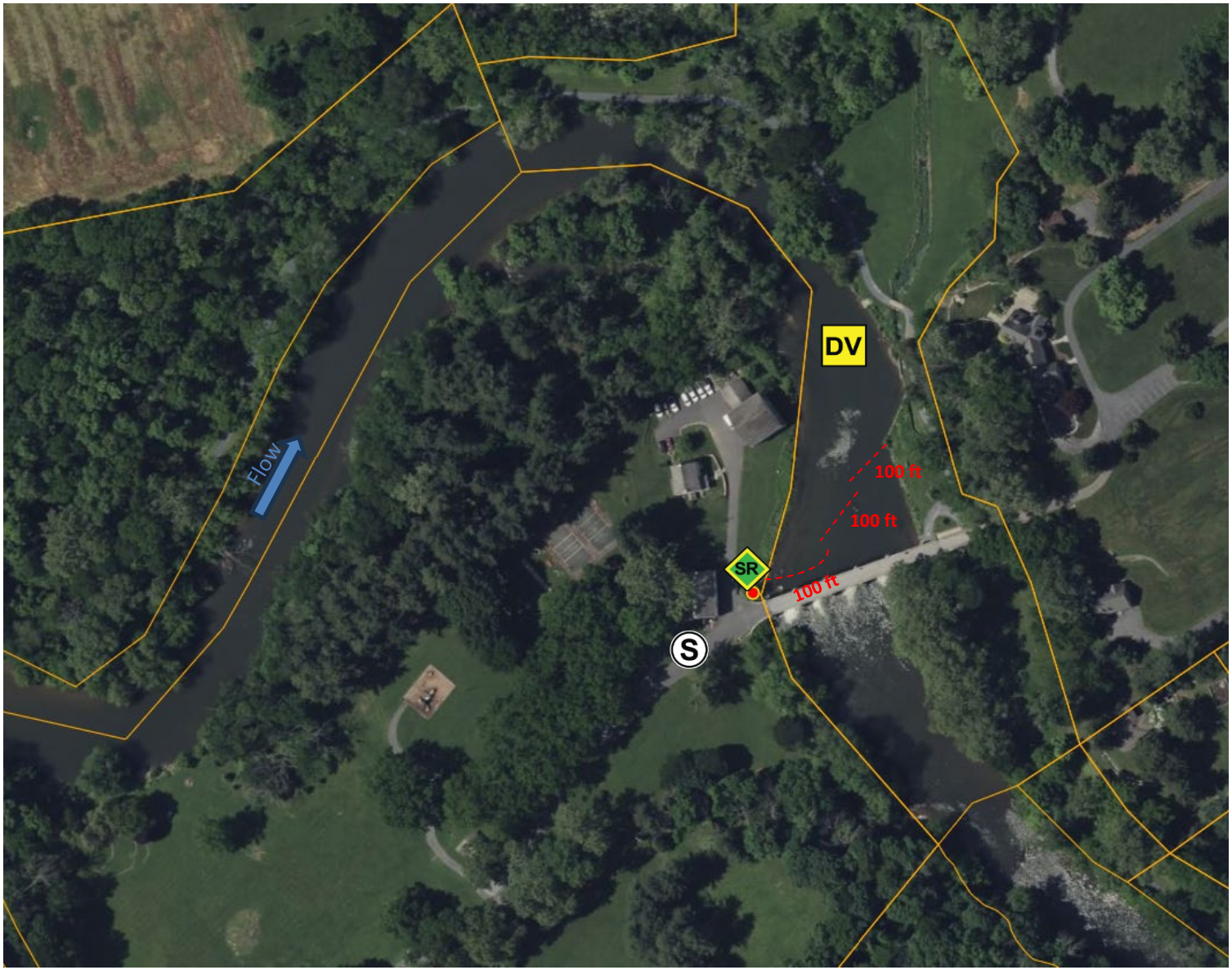
- DF – Deflection Booming
- DV – Diversion Booming
- EX – Exclusion Booming
- FO – Free Oil Recovery
- PR – Passive Recovery
- SR – Shoreside Recovery
- S – Staging Area
- Boat Ramp
- Kayak Ramp
- Railroad
- Protected-Water Boom
- Protected-Water Boom (Ebb Tide)
- Snare/ Sorbent Boom

## Equipment - All Tactics

| | |
|---|---|
| Boom(ft) | 300 |
| Boom Skirt (in) | 6 |
| Marine anchors | 4 |
| Shore anchors | 2 |
| Sorbent Boom(ft) | 0 |
| FO Recovery Sys | 0 |
| Shore Responders | 4 |
| Boat Responders | 0 |
| Boats | N/A |

## Version

12/03/2024




## Tactics Deployment, Responder Safety, and GRP Data Information

Always consider on-scene conditions before deploying GRP tactics. Responder safety should always be the priority.

**Vessel Requirements**: Utilize inflatable vessel or kayak capable of operating in river depth conditions less than 5 feet. No suitable boat launch at location.

## Location Information

| | |
|---|---|
| **Latitude:** | 40.36302438477738 |
| **Longitude:** | -75.96743492753207 |
| **State** | Pennsylvania |

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|---|---|---|---|---|
| **Tactic #** | **Purpose** | **Response Equipment** | **Deployment Resources** | **Deployment Notes** |
| **DV-01**<br>DV | Redirect spilled oil from one location or direction of travel to a specific site for recovery. | 300 ft protected water boom<br>4 marine anchor system<br>2 shoreline anchor system<br>**N/A** **Testing Date** | 4 shore responders<br>4 Person crew<br>**N** **Tested** | **Anchor Type:** Danforth 14, Shoreline anchor points.<br>**Strategy:** Deploy boom as depicted to divert incoming oil to the collection site. Deploy shoreside anchor first. Single anchor system (rebar or U-posts) along shoreline with standard deployment into riverbed. Utilize 6" skirt boom due to shallow water depth. Anchor every 100' section on either end. Anchor shore side recovery skirt boom every 100'. Adjust configuration as necessary to reduce entrainment. |
| **SR-01**<br>SR | Remove spilled oil that has been diverted to a designated recovery site accessible from shore. | 1 skimming system<br>1 storage tank or bladder<br>1 hoses, pumps, fittings<br>**N/A** **Testing Date** | 2 shore responders<br>**N/A** **Tested** | **Strategy:** Set up shoreside recovery tactic at general location depicted on map. Parking lot may be suitable for storage tank and equipment storage. Consideration for trailer/vehicle parking and tanker truck traffic is required. |

## Control Point Information

**NRC Hotline: 800-424-8802**

**Address to Boat Launch:**
**2083 Tulpehocken Road, Reading, PA 19610; Grings Mill Recreation Area.**

**Protection Description:** The strategy for this location is to anchor a boom along shoreline (tree) to capture oil in slack areas. Staging area for all protection strategies available as boat ramp large enough to deploy assets.

| Resources Protected | |
|---|---|
| **Fish** | Catfish, Perch, Sunfish, Carp, and Bass. |
| **Birds** | Duck, Goose, Woodpecker, Hummingbird, Swallow, Jay, Robin, and various other species. |
| **Threat/End. Species** | Monarch butterfly, Tricolored bat, Little brown bat, Bald Eagle, Indiana bat, Northern long-eared bat, and Bog Turtle. No critical habitats found. |
| **Cultural/Historical Resources** | The area houses the Berks County Parks and Recreation Department's administration and maintenance offices. Located near Union Canal Trail. |
| **Human Use** | Boat Ramp, Conservation Area, Infrastructure, Groundwater Source, Recreation. |
| **Land Management** | Berks County Department of Parks and Recreation |
| **Riverine** | Silty mud/gravel riverbed with gently sloping banks consisting of loss vegetation. |

Potential staging area with large accommodation space for multiple vehicles along with access to facilities such as water and restrooms in close proximity.

GPS coordinate location for control point boat launch. Access point near Grings Mill Recreation Area.

Small boat launch/portage path on both sides of weir located near the bridge. Accommodation for smaller vessels.

### Navigational Hazards

Lake and river conditions such as flow rate and flood stage vary depending on the time of year and heavy rain or snowfall. If ice is present GRP tactics and strategies must be reevaluated. Vessel operators should have local knowledge and experience operating in riverine environments.

### Special Considerations

Survey site prior to deployment and modify deployment tactics and techniques as appropriate based on observed river conditions. Upriver dam events (Blue Marsh Creek or Kernsville) may impact river conditions (overall flow and/or current velocity). Discussions with other organizations regarding scheduled dam events may be warranted in a deployment response.