

Equipment List

- Storm drain markers and epoxy adhesive
- Plastic/surgical gloves
- Town/city authorization letter
- Hand/whisk brooms
- Street map
- Copies of Save The Bay's brochure on Managing Storm Drain Pollution
- Trash bags
- Scotch tape and/or rubber bands
- First aid kit
- Anti-bacterial wipes and paper towels
- Attendance sheet
- Camera
- Cell phone

Day of the Storm Drain Marking Project

1. Split the students into two teams with one adult to supervise each group. Hand out the map with the location of the storm drains.
2. Demonstrate how to clean the curb and mark a storm drain.
3. Remind the students to avoid standing in the street when applying the markers.
4. Distribute the Managing Storm Drain Pollution brochures to homes in the area of your storm drain marking project. It is **ILLEGAL** to place pamphlets in mailboxes or mail slots. Place the brochure inside a storm door or under the edge of a doormat, attach it to the door handle with rubber bands or tape it to the mailbox.
5. Pick up the trash at each storm drain and along the streets of your marking route.
6. Remind the students to stay off the street and not to pick up broken glass or any sharp objects.

Save The Bay
100 Save The Bay Drive
Providence, RI 02905
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www.savebay.org

Give
this fish
a Home



- *How to Organize a Storm Drain Marking Project*

SAVE THE BAY®

NARRAGANSETT BAY

Project Preparation

How to Mark a Storm Drain

1. Choose a neighborhood in which to do the storm drain marking.
2. Map the storm drains in the area of the project. Either contact your town's Department of Public Works (DPW) to determine if they have storm drain maps or visually locate the storm drains in your project area. Choose town roads that are not heavily traveled and plan to mark the storm drains during low traffic hours (Saturday morning or weekday afternoons). If you are interested in marking a storm drain on private or federally- or state-owned property (for example, a state park), get permission from the property owner or the government agency.
3. Pick up markers from Save The Bay. Contact Save The Bay at 401-272-3540, ext. 130 to let us know the number of markers you will need and when you plan to pick them up.
4. Download the Managing Storm Drain Pollution brochure from our Web site, www.savebay.org and make copies to hand out to each home in the neighborhood of the storm drain marking project.
5. Break your group into two teams of students. Provide each team with a map of the project area with the location of the storm drains and the streets where the brochures will be handed out. One team can clean and mark the storm drains while the other team hands out the brochures to neighboring homes. The teams can switch half way through the project so that each student has the opportunity to mark a storm drain.

6. Choose a rain date. IN ORDER FOR THE PROJECT TO BE SUCCESSFUL, IT MUST BE AT LEAST 50 DEGREES FAHRENHEIT AND THE PAVEMENT/CURBING MUST BE DRY.
7. Have each student's parent or legal guardian fill out and sign the Project Permission Slip.
8. Mail, fax or email the Press Information Form to Save The Bay at least 2 days before the date of your project so that we can send out a press release to encourage local coverage of your project.
9. Make arrangements for the proper disposal of trash that you collect during the storm drain marking project. Either dispose of the trash with your own trash or contact your town's Department of Public Works to determine if they can pick it up.

(Figure 1)



(Figure 2)



Always mark and clean the storm drain from the sidewalk and NOT the street.

- Brush or sweep the curb to remove dirt and debris. The surface of the curb must be clean, dry and free of loose debris. Remove any foreign material like old paint and oil because this will affect the adhesion of the epoxy.
- (Figure 1) Apply the epoxy from the squeeze tube along the outside edge of the marker and a dot of epoxy in the middle of the storm drain marker. (Start 1/8 inch from the outside edge and apply an even bead around the entire edge.)

SAFETY NOTE: *Wear plastic gloves. If epoxy comes in contact with skin, wash with soap and water. Press the tip of the epoxy tube against the back of the marker before removing it to avoid creating a messy string of epoxy.*

- (Figure 2) Place the marker on the curb. Push down hard in the center of the marker with a twisting motion forcing the epoxy out from the edge. It is important that the entire edge of the marker is sealed to the application surface.

SAFETY NOTE: *Avoid contacting the outer edge of the marker with your hand when applying it to a curb. Failure to do so can cause epoxy to contact your hand and be transferred to the front of the marker.*