

Storm Drain Marker Application Instructions

Materials Provided:

1. Storm Drain Markers
2. 1a Construction Sealant Adhesive Tubes
3. Caulking Guns
4. Wire Brushes
5. Yellow Safety Vests

Suggested Additional Materials:

1. Scissors (for cutting sealant cap)
2. Work Gloves
3. Small Broom/Brush
4. Trash/Recycling Bag
5. First Aid Kit (bandages, antiseptic wipes, etc.)



Instructions:

****SAFETY FIRST****

- Volunteers must wear yellow safety vests at all times.
- At all times, assign one person to look for oncoming traffic. Be especially careful in high traffic areas.
- Stay out of and away from traffic lanes. Face on-coming traffic. Drivers may not always see you so watch out for them.
- Mark in pairs or groups. Do not work alone.
- Apply markers on public streets only. Streets with blue signs are private.
- Use the large garbage bags for picking up trash and debris around the storm drain and for discarding rubber gloves and empty adhesive tubes.
- If you notice any paint, oil, or other hazardous materials near or inside a storm drain, make a note at the bottom of this page and our office will follow up.
- If you have any problems, you may reach out to BWPR's Education & Outreach Coordinator, Sally Albright at 410-222-0136.

PAVEMENT PREPARATION

1. Pavement temperature should be above 50 degrees F.
2. Pavement must be clean and dry before placing the marker. Scrub the area to be marked with a brush or broom. Sweep up loose dirt, leaves, and loose debris.

MARKER PLACEMENT

3. Plan to place marker on curb to the right or left of the inlet structure, not at the area where water flows. Snow plowing may peel the marker off the pavement if placed at the base of the inlet.

4. Position marker so that text and the image are parallel with the street and readable from the street, not the sidewalk.
5. Choose the flattest surface available. Avoid placing markers on decorative landscapes such as stamped concrete, bricks, or rock surfaces.
6. For areas with no sidewalks, place the marker on the street or gutter next to the storm drain, with the message toward the houses or buildings.

MARKER ADHESION

7. Before opening the tube of adhesive, please read the cautions and note the first aid measures on the back of the tube. Please note that the adhesive inside the tubes is flammable and should not make direct contact with skin. It is recommended that volunteers handling the adhesive wear protective gloves. Remember – safety first!
8. Clip the end off of the adhesive tube using a knife or scissors if not already clipped.
9. Puncture the seal at the base of applicator; place tube in the caulk gun and ratchet snug.
10. On the back of the marker, apply a bead of glue in a circular motion around the edge of the marker, and continue in a swirl pattern to the center.
11. Place the marker into position on the clean, dry surface and press firmly until the glue is visible around all the edges.

AFTER THE STORM DRAIN IS MARKED

12. Avoid disturbing newly placed markers for at least one hour to allow the adhesive to set.
13. If you post any photos to Facebook or Instagram, please consider tagging us @aacbwpr for both platforms!
14. Keep track of the number and exact locations of storm drains you mark and be sure to let us know the locations.

Locations Marked (Nearest Intersection):

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____

10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

And finally...step back and admire your work. Thanks for volunteering.

Your involvement makes a difference in our community!

Additional Space for Notes: