

# MSU Drain Labeling Project

## Instructions for Volunteers



### Project Purpose:

Teams of volunteers will install curb markers on catch basins within designated locations around the MSU campus.

### Materials Needed:

A box of supplies will be provided to each group. The materials include:

- Curb markers
- Wire brush or steel wool
- Cloth or whisk broom
- Paper towels/disposable rags
- Das Curb Marker Adhesive
- Map of location for curb markers
- Pen
- Citrus based cleaner (for hands)
- Orange safety vests/safety flag
- Garbage bag
- Training instruction form
- Door hangers or informational handouts for residents

### Field Logistics:

The purpose of the field work is to install Curb Markers on curbs. Crews of 3-4 people are recommended. Positions for the field crew include the following:

- Team Leader - Answers local residents' questions and provides general assistance. The Team Leader also assures the safety of team members by checking for traffic. The Team Leader needs to record the location of each installed curb marker on the map provided.
- Curb Marker Installer(s) - Installs the curb markers following the directions described below.
- Traffic Watcher - Watches for traffic, waves the orange safety flag to alert cars to the team's presence.

### Safety Procedures:

Always think **SAFETY FIRST!** Team members should wear a bright orange safety vest. All participants must complete a liability waiver and return it to the coordinator.

1. Check to see that all waivers have been returned.
2. Orally review safety procedures with all participants.
3. Markers must wear safety vests at all times.
4. There must be at least one person at all times looking out for oncoming traffic and that person will be holding the orange traffic flag.
5. There must be no curb marking done alone.

### Where to place the Curb Marker?

Please place the Curb Marker just above the catch basin or adjacent to the drainage structure facing so that it is readable from the sidewalk.

**Installing Curb Markers:** The following instructions explain how to properly install das curb markers:

#### 1. Clean Surface

Clean application surface with a wire brush or steel wool. Make sure application surface is flat, dry and free of any loose debris.

#### 2. Apply Adhesive

Coming in 1/8" from the outside edge of the marker, apply a bead of adhesive and swirl the adhesive in a circular pattern following the dotted line on the back of the curb marker. (It is **not** necessary to use a large amount of adhesive, but make sure the adhesive squeezes out to the edge of the marker.)

If the adhesive gets on your hands, wipe off the excess with a dry paper towel and then use a citrus based cleaner (ex. Orange GOJO).

### **3. Stick It!**

Apply the marker to the application surface by pushing down **HARD** for at least 30 seconds and forcing adhesive out around the entire edge. It is important that the entire edge of the marker is sealed to the application surface. (Curb marker will skin over in an hour, become hard to the touch within 4 hours, and achieve a full cure in 18 hours.)

### **4. Record It!**

Please keep track of which storm drains you have marked. We need this information to identify areas that still need to be marked.

**5. Be Aware!** If you notice any storm drain with oil, paint or some other substance that may be hazardous to the environment, please make a note of what you saw and its exact location.

### **Post Installation/Cleanup Stage:**

- Make sure all equipment is clean and placed in container.
- Make sure the adhesive squeeze tube is sealed.
- Double check that the map is marked with the points where the curb markers were installed.
- **Return supply box, extra curb markers, printed materials, and marked-up map back to:**

**Ruth Kline-Robach  
115 Manly Miles Building  
kliner@msu.edu**

Adhesive Danger: Extremely flammable. Vapor harmful. Vapors may ignite explosively. Use only in well ventilated area. Keep away from and do not use near heat, sparks, and open flame. Do not smoke. Extinguish or remove from area all sources of ignition during use and until all vapors are gone. Keep container closed when not in use and store at room temperature. Do not swallow or breathe vapor. Can cause respiratory irritation, dizziness, headache, nausea, unconsciousness. Avoid contact with skin, eyes or clothing. Can cause irritation and burns. **KEEP OUT OF REACH OF CHILDREN.**

**Thank you for helping us to protect the Red Cedar River by  
installing curb markers on the MSU campus!**