

# **Stormwater Operation and Maintenance Plan**

## **Turtle Run Subdivision, East Harwich, MA**

### **Project Information**

#### **Site**

Turtle Run Subdivision  
Off Route 39  
East Harwich, MA 02645

#### **Site Owner**

Eastward Companies Business Trust  
935 Main Street  
Chatham, MA 02633  
508 945 5291

#### **Site Supervisor**

President Turtle Run Subdivision Homeowners Association  
(To Be Determined)

Name: \_\_\_\_\_

Telephone: \_\_\_\_\_

Cell phone: \_\_\_\_\_

Email: \_\_\_\_\_

#### **Roadway Owner – Members of the Turtle Run Subdivision Homeowners Association**

A common control entity shall be created for roadway maintenance in the form of a homeowner's association. Final documents creating the association shall be forwarded to the Harwich Planning Board following upon creation of the entity and recording at the Registry of Deeds.

## **Description of Stormwater Maintenance Measures**

The following Operation and Maintenance (O&M) program is proposed to ensure the continued effectiveness of the stormwater management system.

### **Catch Basins**

- All catch basins shall be inspected and cleaned a minimum of at least two times per year.
- Sediment (if more than six inches deep) and/or floatable pollutants shall be pumped from the basin and disposed of at an approved offsite facility in accordance with all applicable regulations.
- Any structural damage or other indication of malfunction will be reported to the site manager and repaired as necessary.
- During colder periods, the catch basin grates must be kept free of snow and ice.
- During warmer periods, the catch basin grates must be kept free of leaves, litter, sand, and debris.

### **Drainage Manholes**

- All manholes shall be inspected and cleaned a minimum of at least four times per year.
- Sediment (if more than six inches deep) and/or floatable pollutants shall be pumped from the manhole and disposed of at an approved offsite facility in accordance with all applicable regulations.
- Any structural damage or other indication of malfunction will be reported to the site manager and repaired as necessary.

### **Subsurface Infiltration System**

- The subsurface infiltration systems will be inspected at least once each year by removing the manhole covers and determining the thickness of sediment that has accumulated in the bottom. If sediment is more than three inches deep, it must be suspended via flushing with clean water and removed using a vacuum truck.
- Emergency overflow pipes will be examined at least once each year and verified that no blockage has occurred.
- System will be observed after rainfalls to see if it is properly draining and functioning.

## **Roof Drain Leaders**

- Perform routine roof inspections quarterly.
- Keep roofs clean and free of debris.
- Keep roof drainage systems clear.
- Keep roof access limited to authorized personnel.
- Clean inlets draining to the subsurface bed twice per year as necessary.

## **Grass Detention Basin**

- The grass on the side slopes should be mowed, and grass clippings, organic matter, and accumulated trash and debris removed, at least twice during the growing season.
- Eroded or barren spots should be reseeded immediately after inspection to prevent additional erosion and accumulation of sediment.
- Sediment should be removed from the basin as necessary.
- Removal procedures should not take place until the floor of the basin is thoroughly dry.
- Once basin is in use, inspect after every major storm (over 2" in 24-hours) for the first three months to ensure infiltration is occurring and that the side slopes are stable.
- Basins should be inspected at least twice a year after first six months to ensure proper stabilization and function.