

## ***Long-Term Pollution Prevention Plan***

***Detached Garage Reconstruction***

***357 Main Street, Hingham MA 02043***

***Stormwater Management System's Owner: Kelsey & Christopher Bleck***

***System Owner's Address: 357 Main Street, Hingham***

***Party responsible for Operations and Maintenance: Owner of 357 Main Street, Hingham***

As part of any infrastructure improvement the system must be maintained in order to work properly. The following is an Operation and Maintenance plan to upkeep the proposed non-structural and structural best performance practices as outlined in the Massachusetts Department of Environmental Protection's Stormwater Management Policy and in accordance with the approved design drawing. The following is an Operation and Maintenance plan to follow after construction activities have been completed.

### **Emergency Contact Information:**

Kelsey and Christopher Bleck

357 Main Street

Hingham, MA 02043

Telephone: 860-614-0485

**Emergency Telephone: 860-614-0485**

Email: [kelseybleck@gmail.com](mailto:kelseybleck@gmail.com), [bleck.christopher@gmail.com](mailto:bleck.christopher@gmail.com)

### **Stormwater Operation and Maintenance After Construction:**

#### **Roof Drains:**

All roof drains and gutters shall be cleaned and inspected at least twice a year, in Spring and Fall. Inspections of roof drains should include the gutters, downspouts and all accessible piping. Remove any debris that may be clogging the system. If standing water or other concerns are noted, address them in a timely manner.

#### **Crushed Stone Trench and Trench Drain:**

Visually inspect the crushed stone trench and trench drain at least quarterly and after every major storm event during the first year. Look for standing water, depressions, and other signs of potential clogging. Remove leaves and debris from the trench and trench drain. Inspect the lawn around the structures for depressions/puddling/crushed stone loss. After the first year, inspections shall be done at least twice yearly. Address any concerns in a timely manner.

#### **Buried Pipes/Drains:**

Visually inspect the ground above the buried pipes that connect to the crushed stone trench and the trench drain at least twice a year, in Spring and Fall, looking for depressions, changes in vegetation above, and puddling. Address and concerns in a timely manner.

#### **Outlet Splash Pad**

Visually inspect the gravel splash pad and visible portions of the outlet pipe at least quarterly and after every major storm event during the first year. Look for standing water, depressions, and other signs of potential clogging. Remove leaves and debris from pad and pipe. After the

first year, inspections shall be done at least twice yearly. Address any concerns in a timely manner.

**Snow Management:**

Any snow and ice buildup on the proposed roof drains will be removed in a timely fashion. Snow plowed from the driveway should not be stored on the crushed stone trench or trench drain.

**Estimated Operation and Maintenance Budget:**

Maintenance cost is estimated to be around \$300.00 per year.

**STORMWATER MANAGEMENT**  
**BEST MANAGEMENT PRACTICES**  
**INSPECTION SCHEDULE AND EVALUATION CHECKLIST – POST CONSTRUCTION PHASE**

PROJECT LOCATION: 357 Main Street, Hingham, MA

Latest Revision: \_\_\_\_\_

Best Management Practice	Inspection Frequency (1)	Date Inspected	Inspector	Minimum Maintenance and Key Items to Check	Cleaning/Repair Needed yes/no List items	Date of Cleaning/Repair	Performed By	Water Level in Detention System
<b>Crushed Stone Trench/ Trench Drain with Yard Drain</b>	Seasonally/ Quarterly and after major storms for first year, then twice yearly			-Sediment build-up -Standing water -Depressions -Structural damage				
<b>Outlet Splash Pad</b>	Seasonally/ quarterly and after major storms for first year, then twice yearly			-Sediment Build-up -Trash and debris/clogging -Depressions -Standing Water				
<b>Roof Drains</b>	Twice a Year (Spring and Fall)			-Check for clogging, standing water -Remove sediment buildup				
<b>Buried Pipes</b>	Twice a Year (Spring and Fall)			-Depressions and changes on surface over buried pipe-- Standing water				

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Property Owner/Inspector: