

Long Term Operation and Maintenance Plan
William Wood Way Andover, Mass

1. The piped drainage system, including the catch basin sediment sumps, drain manholes, oil & grit chamber, subsurface system and outlet control structure shall be and maintained by the Owner until such time as an Home Owners Association (HOA) is created at which time the HOA shall assume the responsibility that maintenance performed.
2. All components of the drainage system, including the catch basin sediment sumps, manholes, proprietary oil & grit structure, subsurface stormwater chamber and outlet control structure shall be maintained according to the following schedule:
3. Inspect all components of the stormwater management system a minimum of four times per year unless more frequent inspections are required as noted below. The HOA shall ensure that no portion of the stormwater management system is damaged, blocked or otherwise in a state that prevents its proper operation.
4. Ensure that accumulated silt and debris within the catch basins are removed in a timely manner. The catch basins shall be cleaned when the sediment level is within the two feet of the outlet pipe (2 feet of sediment in sump). The use of vacuum trucks to clean the structures is recommended.
5. Inspect the oil and grit structure as noted below and after every major storm (rainfall exceeding 3 inches in 24 hours). Provide routine maintenance of the oil & grit chamber according to the recommendations and specifications of the chamber manufacturer, such as:

Inspect post construction, prior to being put into service, then every 6 months for the first year to determine the oil and sediment accumulation rate. In subsequent years, inspections are based on first-year observations or local requirements. Also, inspect immediately after an oil, fuel or chemical spill. A licensed waste management company shall remove oil and sediment with a standard vacuum truck and dispose responsibly.

6. Monitor water levels in the stormwater chamber system quarterly and after every major storm of 3 inches or more in 24 hours. When chamber system is not draining within 72 hours, pumping of water from chamber into tank trucks and restoration of the infiltration surface will be required. Remove geotextile and rake stone surface, if required by evidence of soil on the surface, then install new geotextile filter. This maintenance to be performed by personnel with OSHA training for entering/accessing confined spaces.
7. Illicit discharges (oil grease or hazardous waste (e.g. pesticides) are prohibited. The Organization shall report any illicit discharges once discovered to the Police and Health Departments.
8. The paved areas shall be cleaned of sand and debris as needed, preferably in the spring, after the winter season.

9. Inspect the site for litter weekly, litter shall be cleared and stored in covered trash receptacles.

10. Estimated Operations and Maintenance budget:

It is estimated to cost an average of \$250.00 per month to inspect and maintain the parking lot and stormwater management features and approximately \$2,500-3,500 dollars to periodically remove sediment from the oil & grit chamber and catch basin sumps.

As the Owner of the project, I hereby certify I have read and understand the responsibilities outlined in this Operation and Maintenance Plan. I shall conduct this work until a Home Owners Association is created at which time the HOA shall assume this responsibility

Owner:

Print Name

Signature

Date

Designated HOA representative:

Print Name

Signature

Date

Inspection and Maintenance Report

Date

Condition

Action Taken

Catch basin:

Outlet Control Structure

Grassed Swale

Drain Manhole -----

Oil & Grit Chamber (STC 900)

Roadway Sediment

-

Subsurface infiltration structure

Signed _____

Date _____

Long Term Pollution Prevention Plan

Good housekeeping practices

The Home Owner Association (HOA) shall ensure regular maintenance activities at the site remain on schedule. Professional Landscape services may be utilized to maintain the grounds.

Provisions for storing materials and waste products inside or under cover

No Hazardous materials shall be stored at this site.

Requirements for routine inspections and maintenance of stormwater BMPs

The HOA will be responsible for ensuring that the inspection and maintenance activities including regular inspection and maintenance of the storm water management structures continue indefinitely.

Requirements for storage and use of fertilizers, herbicides, and pesticides

No fertilizers, herbicides or pesticides shall be stored outside at this site and must be stored in compliance with manufacturer's recommendations if stored inside.

Provisions for solid waste management

Solid waste produced at the site will be temporarily stored in trash receptacles and removed from the site via a licensed trash hauler and hauled off site.

Snow disposal and plowing

Plow damage, due to snow removal activity, to grassed areas adjacent to the pavement shall be repaired in the spring once growing season starts.

Winter Road Salt and/or Sand Use and Storage restrictions

No salt shall be stored outside at the site. Minimal use of salt and sand is encouraged, if safe to do so, to mitigate slippery conditions.

Parking Lot sweeping schedule

The roadway and driveways shall be cleaned of sand and debris, preferably after the winter season.

Provisions for prevention of illicit discharges to the stormwater management system

The storage and use of hazardous materials is prohibited. No illicit discharges of oil or other hazardous materials shall occur at the site. Any detected illicit discharges shall be reported immediately to the Andover Police and Board of Health.

List of Emergency Contacts for implementing Long-Term Pollution Prevention Plan

Andover Police Department	(978) 475-0411
Andover Conservation Department	(978) 623-8630
Andover Health Department	(978) 623-8640
Massachusetts Department of Environmental Protection	(978) 694-3200

Illicit Discharge Statement

**William Wood Way
Andover, Massachusetts**

As the Owner of the project known as William Wood Way in Andover, Massachusetts, I hereby certify that no illicit discharges from the site are proposed or exist on the site.

Print Name

Signature

Date