

**PERMANENT STORMWATER SYSTEM
OPERATION AND MAINTENANCE PROGRAM
FOR HUTTLESTON AVENUE APARTMENTS
HUTTLESTON AVENUE, FAIRHAVEN, MA**

PREPARED FOR:

**DANA LEWIS
18 TANNER LANE
FAIRHAVEN, MA**

PREPARED BY:

**PRIME ENGINEERING, INC.
P.O. BOX 1088
LAKEVILLE, MA**

**SEPTEMBER 26, 2019
REVISED OCTOBER 17, 2019**

**LONG TERM POLLUTION PREVENTION PLAN
(PERMANENT STORMWATER SYSTEM
OPERATION AND MAINTENANCE PROGRAM)**

1.0 INTRODUCTION

The plans for the installation of a twelve unit residential facility on Huttleston Avenue in Fairhaven have been designed to protect stormwater quality. In order for this to continue in the long term, it is necessary to implement the following long term Operation and Maintenance Program.

2.0 RESPONSIBLE PARTY

Responsible Party: Dana Lewis
18 Tanner Lane
Fairhaven, MA 02719

Attention: Dana Lewis - (508) 326-5783



Dana Lewis

I agree to implement the provisions of this plan

3.0 SOURCE CONTROL MEASURES

The most effective means of providing clean runoff is to prevent pollutants from coming into contact with the stormwater in the first place. This involves the following:

- Keeping fertilizers, stockpiles, etc. covered at all times. All such products shall be stored off-site.
- All landscaping, fertilization, and other grounds maintenance, if necessary, shall be performed by personnel who are trained at how to maintain the grounds.
- Periodic removal of windblown debris and litter from the site.

4.0 MAINTENANCE OF STORM SYSTEM

This section presents the periodic maintenance that must be completed:

- The lawn shall be mowed as needed.
- The detention basin shall be inspected two times per year.
- The infiltration units shall be inspected annually. The inspections shall be performed during or immediately following a measured rainfall event of ½ inch depth or greater so that the depth of water in the infiltrator can be compared with the depth of rainfall.
- The catch basins shall be cleaned in the spring of each year.
- The parking areas and drives shall be swept twice a year.
- The constructed pocket wetlands shall be inspected once a year. If vegetation is

- stressed or missing, it shall be re-planted.
- The splash pool shall be inspected annually for its general integrity and for sediment. It shall be repaired and cleaned as necessary.
- The rain garden shall be inspected annually and cleaned and repaired as necessary.
- An annual report, signed by a MA licensed professional engineer, shall be provided to the Fairhaven Conservation Commission (refer to attached Inspection Log).

5.0 SPILL PREVENTION AND RESPONSE PLAN

The project consists of apartments with ancillary parking and landscaping that will not emit any significant pollutants. The only potential source of pollution is the grass cutting equipment and automobiles.

The responsible parties shall train maintenance personnel in the proper handling and cleanup of spilled hazardous substances or oil. No spilled hazardous substances or oil shall be allowed to come in contact with stormwater discharges. If such contact occurs, the stormwater discharge shall be contained on site until appropriate measures, in compliance with state and federal regulations, are taken to dispose such contaminated stormwater. The responsible party shall train all personnel in spill prevention and cleanup procedures.

In order to prevent or minimize the potential for a spill of hazardous substances or oil to come into contact with stormwater, the following steps shall be implemented:

- A spill control and containment kit (containing, for example, absorbent materials, rags, gloves, plastic and metal trash containers, etc.) shall be readily available.
- Manufacturer's recommended methods for spill cleanup shall be known and maintenance personnel shall be trained regarding these procedures and the location of the information and cleanup supplies.
- The responsible party shall ensure that all hazardous waste discovered or generated at the site is disposed properly by a licensed hazardous material disposal company. The responsible party shall not exceed hazardous waste storage requirements mandated by the EPA or state and local authority.

In the event of a spill of hazardous substances or oil, the following procedures must be followed:

- All measures must be taken to contain and abate the spill and to prevent the discharge of the hazardous substance or oil to stormwater or off-site.
- For spills of less than a quarter gallon of material, proceed with source control and containment, clean-up with absorbent materials or other applicable means unless an imminent hazard or other circumstances dictate that the spill should be treated by a professional emergency response contractor.
- For spills greater than a quarter gallon of material, immediately contact Richard J. Rheaume, LSP, Prime Engineering, Inc., P.O. Box 1088, Lakeville, MA 02347 at (508) 947-0050. Provide information on the type of material spilled, the location of the spill, the quantity spilled, and the time of the spill and proceed with prevention,

containment and/or clean-up.

- Spills of amounts that exceed reportable quantities of certain substances specifically mentioned in federal regulations 40 CFR 110, 40 CFR 117, and 40 CFR 302 must be immediately reported to the EPA National Response Center at (800) 242-8802.
- The department head shall be the spill prevention and response coordinator. He/she shall designate the individuals who shall receive spill prevention and response training. These individuals shall each become responsible for a particular phase of prevention and response. The names of these personnel should be posted in the material storage area and in the property office.

Any spill that occurs shall be documented on a Blank Spill Report that is enclosed as Attachment C-1.

6.0 SNOW AND ICE REMOVAL

Snow and ice shall be removed by mechanical equipment. Sand and salt shall only be applied when the safety of the public is at stake.

MAINTENANCE BUDGET

Street Sweeping	\$1,000
Catch Basin Cleaning	\$ 800
Forebay Cleaning	\$ 800
Inspections and Reports	<u>\$1,200</u>
Total	\$3,800

**LEWIS LANDING STORMWATER SYSTEM
INSPECTION LOG**

Inspector: _____

Date of Inspection: _____

General condition of overall site:

Condition of paved surfaces:

Condition of catch basins:

Condition of forebay:

Condition of detention basin side slopes:

Condition of wetland vegetation:

Condition of micro pool:

Condition of splash pool:

Condition of rain garden and grass filler strip:

Additional comments: