

Long-Term Pollution Prevention Plan

Turtle Run Subdivision, East Harwich, MA

This Long-Term Pollution Prevention Plan has been developed to establish site management practices that improve the quality of stormwater discharges from the completed subdivision. This plan applies to the proposed subdivision roads as well as the developed lots. The maintenance obligations for the completed roadway will reside with the Turtle Run Subdivision Homeowners Association. The maintenance obligations for driveways shall reside with the individual parcel owners.

Description of Pollutant Sources

Potential pollutants sources for the project includes paved asphalt surfaces including the subdivision roads, driveways, and landscaped areas.

Pollutant Control Approach

Standard Asphalt Pavement

Regular maintenance of pavement surfaces will prevent pollutants such as oil and grease, trash, and sediments from entering the stormwater management system. The following practices should be performed:

- Sweep or vacuum asphalt pavement areas once a year with a commercial cleaning unit and properly dispose of removed material.
- Pick up and remove litter from the roadway shoulders, islands, and perimeter landscaping on weekly basis.

Maintenance of Vegetated Areas

Proper maintenance of vegetated areas can prevent the pollution of stormwater runoff by controlling the source of pollutants such as suspended sediments, excess nutrients, and chemicals from landscape care products. Practices that should be followed under the regular maintenance of the vegetated landscape within the subdivision are:

- Inspect planted areas on a semi-annual basis and remove any litter.
- Maintain planted areas adjacent to pavement to prevent soil washout.
- Immediately clean any soil deposited on pavement.
- Re-seed bare areas; install appropriate erosion control measures when native soil is exposed or erosion channels are forming.
- Plant alternative mixture of grass species in the event of unsuccessful establishment.
- The grass vegetation should be cut to a height between three and four inches.

Pesticides/Herbicides/Fertilizers

No pesticides/herbicides should be used unless a single spot treatment is required for a specific control application.

Fertilizer usage should be avoided. If deemed necessary, slow release fertilizer should be used. Fertilizer may be used to begin the establishment of vegetation in bare or damaged areas, but should not be applied on a regular basis unless necessary.

No fertilizers/herbicides/pesticides shall be stored outside. Any such materials shall preferably be stored off-site. If required on-site, these materials shall be stored indoors.

Management of Snow and Ice

The amount of salt and deicing chemicals to be used on the site shall be reduced to the minimum amount needed to provide safe pedestrian and vehicle travel. The following practices should be followed to control the amount of salt and deicing materials that come into contact with stormwater runoff:

- Devices used for spreading salt and deicing chemicals should be capable of varying the rate of application based on the site specific conditions.
- Sand and salt should be stockpiled under covered storage facilities that prevent precipitation and adjacent runoff from coming in contact with the deicing materials