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192 Millbury Avenue, Millbury, MA

Stormwater Management - Illicit Discharge Compliance Statement

Currently, this site consists of a 2,560 square foot commercial office building with two unfinished apartments on the second floor. The proposed plan shows paved parking areas to the side and rear of the building. As shown in the published soil survey for Worcester County, South, most of the site is classified as Merrimac Fine Sandy Loam with inclusions of Hinckley Sand. These excessively drained soils formed in the runoff of a glacial outwash plain. These soils are assigned to hydrologic group "A" by the Natural Resources Conservation Service. On-site inspections of the existing conditions relative to vegetation, topography and soils have been conducted to verify specific drainage runoff properties as they apply to the hydrologic computations.

The site is located along the western border of Dorothy Pond to the east of Millbury Avenue near the intersection with Shore Terrace. The land formation consists of a glacial outwash terrace that drains toward the pond. The edge of the lake is scattered with large stones that are typical of Merrimac soils. The shore of the lake is subject to moderate scouring and erosion due to the seasonal wave action. Since Dorothy Pond is a manmade impoundment created by the dam on Riverlin Street, the edge of the high water level represents the limit of the resource area.

The parking area is provided for employees and apartment dwellers. For this reason, the potential for discharges is deemed to be low. However, where vehicular traffic is found, there is always the limited potential for fuel spills. The stormwater management system has been designed for the complete recovery of fuel spills that may occur on site. The owner of the property will be required to immediately clean up minor fuel spills that occur within the building and parking area with oil absorbent powder. Petroleum based waste products collected in the Stormceptor[®] Catch Basin are to be removed by a licensed waste management company. The contact information for the emergency waste removal provider is to be contained within the Stormwater Pollution Prevention Plan. This document is to be readily available in the management offices.

The stormwater management system shall be owned, operated and maintained by the applicant. The drainage system is to consist of a Stormceptor[®] Hydrodynamic Drainage Separator and two subsurface Infiltration Basins with ten HD180 Cultec[®] Chambers to the rear of the building. The Stormceptor[®] is often implemented in areas where the potential for a fuel spill warrants their installation. An additional option for the containment of a catastrophic fuel spill would be the installation of a sealed gate valve on the outlet side of the Stormceptor[®]. The owner/operator of the industrial business is responsible to clean fuel spills immediately when detected to avoid contamination of the onsite subsurface drainage system.

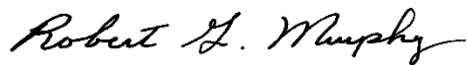
All management personnel are to be aware of the Stormwater Pollution Prevention Plan and are to be prepared to implement the requirements contained therein on a moment's notice. The owner is responsible to have a modern and efficient oil spill kit on site that is capable of handling a fifty gallon oil spill. Contact information necessary to procure the emergency services of a professional oil spill handler are to be readily available to all company personnel. In the case of a major fuel spill, the Millbury Fire Department and Board of Health are to be notified immediately.

An additional Best Management Practice will be the bi-annual sweeping of the paved areas to remove road sand and contaminants. The owner/operator of the property are responsible to keep the paved surfaces clean to avoid contamination of the onsite infiltration drainage system. The Stormceptor[®] is to be inspected and cleaned on an annual basis. The subsurface infiltration basins have been designed with 4" inspection ports to view the condition of the basins if necessary.

The owner will be responsible for the storage of normal site maintenance materials such as fertilizer, de-icing chemicals, pesticides, herbicides and landscape tools. These materials are to be stored and secured inside the building within a maintenance area. There is to be no exterior storage of waste products and hazardous chemicals within this property. As a result, there are to be no proposed illicit discharges into the subsurface stormwater infiltration system. All future uses of this property within the Business B-2 district are to be approved by the Millbury Planning and Zoning Boards and may require an additional special permit as stated in the Zoning Bylaws.

If you have any questions regarding this Illicit Discharge Compliance Statement or require additional information, please feel free to contact this office.

Respectfully submitted,

A handwritten signature in black ink that reads "Robert G. Murphy". The signature is written in a cursive, flowing style.

Robert G. Murphy, Project Manager
Cc: Client, Counsel, file