

# **Buena Vista Charter Township**

## **Municipal Operations and Maintenance Activities**

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The EGLE NPDES Phase II MS4 Discharge Permit Application requires a procedure for assessing the applicant's operation and maintenance activities for the potential to discharge pollutants to surface waters of the state. The assessment shall identify all pollutants that could be discharged from each applicable operation and maintenance activity and the BMPs being implemented or to be implemented to prevent or reduce pollutant runoff.

This inventory will be updated annually as facilities add/remove BMP to address new and existing operation and maintenance activities.

The procedure shall include assessing the following municipal operation and maintenance activities if applicable:

- Road, parking lot, and sidewalk maintenance (e.g., pothole, sidewalk, and curb and gutter repair)
- Bridge maintenance
- Right-of-way maintenance
- Unpaved road maintenance
- Cold weather operations (e.g., plowing, sanding, application of deicing agents, and snow pile disposal)
- Vehicle washing and maintenance of applicant-owned vehicles (e.g., police, fire, school bus, public works)

Buena Vista Charter Township is only responsible for the cold weather operation of snow removal from sidewalks, parking lots and driveways. In addition vehicle washing and maintenance of equipment occurs at the DPW facility. All of the other listed municipal operation and maintenance activities do not apply. Please see Table 1, on the next page, for a list of Buena Vista Charter Township's Operation and Maintenance Activities, pollutants that could potentially be discharged, the pollution potential and the BMPs implemented to prevent and/or reduce pollutant runoff.

**Table 1. Operation and Maintenance Activities**

<b>Municipal Operation and Maintenance Activity</b>	<b>Pollutants that could be Discharged</b>	<b>Pollution Potential (High, Med., Low)</b>	<b>BMPs Implemented to Prevent and/or Reduce Pollutant Runoff</b>
<b>Cold Weather Operations-Snow Pile Disposal</b>	Debris and pollutants from the road	Low	Snow is plowed to the side of the paved surface to the adjacent vegetated area and left in place. (see below) Use of deicers is minimized and they are only used in key areas for safety concerns.
<b>Vehicle Washing and Maintenance</b>	Detergents and debris from vehicles	Low	All DPW owned vehicles are washed at the DPW maintenance building.

Cold weather operations in all of the areas within Buena Vista Charter Township’s jurisdictional boundaries are performed on an as needed basis from the time the snow starts in the fall until the snowfall ceases in the spring (October-April). Fully up-to-date equipment capable of completing the work will be used according to the manufacturers' operating instructions and to protect water quality.

Furthermore, there is no designated storage area for the snow that is removed. Snow is pushed to the sides of the parking lots or driveways on vegetation adjacent to the paved surface. The township’s primary concern in this matter is always the public's safety.

Vehicle washing and maintenance is addressed in the SWPPP (SWPPP\_Buena Vista Twp). Wash water drains directly to the sanitary sewer.

Updating/revising the prioritization is done annually following the construction of a new street, parking lot, or other applicant-owned or operated impervious surface, or annually if there is a need to revise a priority level.

**Measurable Goals**

- Number of complaints received each year.
- Pollutant runoff reduction on a yearly basis.