

**PUTNAM VALLEY
CENTRAL SCHOOL
DISTRICT
PUTNAM VALLEY, NY**

**MS4PY2 SWMP:
TRAINING WORKSHOP
FOR O & M STAFF**

MAY 2012

**POLLUTION PREVENTION/
GOOD HOUSEKEEPING
PROGRAM**

**FOR MORE INFORMATION CONTACT
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1. BACKGROUND INFORMATION

Controlling the sources of pollution and preventing pollutant exposure to stormwater are a major part of the Phase II Stormwater Program. Under Minimum Control Measure 6, permitted facilities must develop and implement a pollution prevention /good housekeeping program that addresses:

1. Winter Road Maintenance
2. Storm Sewer System Maintenance
3. Turf Management Practices
4. Building and Facilities Maintenance
5. Solid Waste Management
6. New Construction and Land Disturbances

2.WINTER ROAD MAINTENACE

Salt in the form of sodium chloride is used with sand during the winter months to reduce ice from forming on roads, parking lots and sidewalks. Environmental concerns related to deicing materials include:

- Damage to vegetation growing adjacent to roadways
- Groundwater and surface water contamination

The following Best Management Practices should be adopted for deicer, salt and sand:

- Salt and sand should always be stored inside a covered, waterproof structure
- These products should be used only when needed and in sparing amounts to keep roads, pavements and sidewalks free of ice

- Precautions should be taken to reduce amounts applied near streams, sensitive water bodies and stormwater outfalls
- Sweeping driveways and parking lots after spring snow melt will reduce the quantity of residue entering storm sewer systems and groundwater
- Excessive salt and sand collected from the sweeping of driveways and parking lots should not be discarded anywhere, but returned to covered storage structure for re-use next winter season

3. STORM SEWER SYSTEM MAINTENANCE

Catch basins and other stormwater structures that accumulate sediment should be cleaned in the spring. Additional maintenance is recommended in the fall to remove trash, leaves, and other debris. The cleaning should include both removal of sediment from the sump and removal of any trash or debris from the grate.

- Catch basins and manhole sumps shall be inspected in the early spring and late fall for sediment and debris build up
- If sediment and debris fills greater than 50% of the sump volume, the sump should be cleaned
- All sediment and debris shall be properly disposed of in accordance with local and state laws
- The District must inspect stormwater outfalls each year and make repairs as necessary
- All outfall protection and bank stability problems shall be identified during the inspection and corrected to reduce erosion and control sediment discharge

4. TURF MANAGEMENT PRACTICES

Turf management practices shall include the following:

- Application of any phosphorus-containing fertilizer shall only be allowed following a proper soil test and analysis documenting that the soil phosphorus concentrations are inadequate
- Grass clippings, if collected, shall be disposed in a compost pile or a proper containment device so that that they cannot enter a nearby MS4 or surface waters
- Leaves, if collected, shall be disposed in a compost pile or a proper containment device so that that they cannot enter a nearby MS4 or surface waters

5. BUILDING AND FACILITIES MAINTENANCE

At a minimum, the District shall ensure the following procedures are addressed for building and facilities maintenance:

- Oils and chemical spills resulting from accidents shall be contained and cleaned up in accordance with State and federal laws
- Boiler treatment chemicals shall only be discharged to a sanitary sewer system in accordance with local municipality regulations
- Waste oil and residuals shall be disposed of in accordance with current State and Federal law
- Backwash water from swimming pool filters shall only be discharged to a

sanitary sewer system in accordance with local municipality regulations

- Onsite septic systems shall be inspected and pumped once every three years and inspection records shall be maintained by the District
- Floor and carpet cleaners and associated wash water shall only be discharged to a sanitary sewer system in accordance with local municipality regulations
- Disposal of hazardous materials shall comply with current State and Federal law

6. SOLID WASTE MANAGEMENT PRACTICES

Solid waste management shall include the collection, storage, transportation and disposal of solid waste generated within the school, including recycling programs. At a minimum, the District shall ensure the following procedures are addressed:

- Solid waste shall be stored in closed containers
- Areas around solid waste storage containers shall be swept and kept dry
- Kitchen trash and used oils shall be stored in closed labeled containers and prohibited from being disposed down the drain
- Hazardous waste shall be stored in properly closed and labeled containers and disposed of in accordance with current State and Federal law
- Disposal of electrical equipment containing PCBs, mercury, equipment containing refrigerant, spent mercury-containing lamps and batteries shall be

stored in properly closed and labeled containers and disposed of in accordance with current State and Federal law

7. NEW CONSTRUCTION AND LAND DISTURBANCE

All construction-related activities shall include Stormwater Best Management Practices (BMPs) that minimize and/or prevent pollution resulting from construction runoff discharged into nearby storm drains and offsite drainage ditches or streams. At a minimum, the District shall ensure the following procedures are addressed:

- District staff involved in any construction activity shall refer to the Construction Guidance and Procedures Document prepared for the District and abide by all State and local municipality stormwater regulations that are in effect at the time of construction
- District staff shall receive training on the importance of erosion and sedimentation controls on construction-related activities, prior to the start of any major construction activity.
- All construction projects that involve over one (1) acre of land disturbance shall include a Stormwater Pollution Prevention Plan (SWPPP) prepared by a qualified and licensed/certified professional.
- District staff shall abide by the requirements of the SWPPP prepared for the construction project