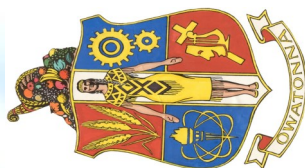


Best Management Practices

- ◆ **Erosion Prevention**
 - ◆ Phasing, buffer strips, horizontal grading
 - ◆ Stabilizing 14 days after activity has temporarily or permanently ceased
 - ◆ Temporary or permanent ditches/swales stabilized 200 lineal feet in 24 hours
- ◆ **Sediment Control**
 - ◆ Inlet protection
 - ◆ Perimeter control—silt fence, bio-rolls, floating silt curtains, etc.
 - ◆ Temporary stockpile protection
 - ◆ Vehicle tracking BMP—rock entrance, wash rack, etc.
- ◆ **Dewatering and Basin Draining**
 - ◆ Must be treated prior to discharge
- ◆ **Inspection and Maintenance**
- ◆ **Pollution Prevention Measures**
 - ◆ Proper storage, handling, and disposal of construction products, materials, and wastes
 - ◆ Concrete washout containment
 - ◆ Proper vehicle/Equipment fueling, maintenance, and washing
- ◆ **Final Stabilization**



City of Owatonna
Engineering Department

540 West Hills Circle
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Construction Site Best Management Practices and SWPPP



“Clean H₂Owatonna” is the City of Owatonna’s Stormwater Management initiative to improve the quality of our water resources and protect them from harmful pollutants.

What is SWPPP?

A **Stormwater Pollution Prevention Plan (SWPPP)** is required under the City of Owatonna's Stormwater Management Ordinance 52.25. The SWPPP addresses all possible pollutants and their sources including sediment and turbid discharge, site erosion, concrete operations, solid/liquid/hazardous waste, all other activities associated with construction activity and control through **Best Management Practices (BMP's)**.

Major Steps of an Effective SWPPP

1. **Designing Site Specific BMP's** - the plan that illustrates location and specifications BMP's needed to effectively manage pollutants.
2. **Installation and Education of BMP's** – the functionality of BMP's are dependent on proper installation, all people entering site must be educated on each BMP present.
3. **Maintenance and Inspections**– Functionality also depends on proper maintenance, contractors are required to inspect every 7 days and after every 0.5" rainfall event.
4. **Amending your SWPPP**– BMP's that have been found to be insufficient in controlling pollutants must be replaced with new BMP.

When is a SWPPP Required?

All Single Family Residential Construction and all projects which disturb 5,000 square feet or more are required to develop and implement a SWPPP. **Any site disturbing 1 acre or more is required to comply with MPCA Construction General Permit requirements and MPCA MS4 Permit requirements.**

For single family residential construction, the SWPPP can be a stand alone document or can simply be illustrated on the Site Plan. For projects disturbing more than 5,000 square feet, it is likely that a stand alone document and site plan illustrating BMP's will be required to effectively meet the requirements.

When is a SWPPP submitted?

A SWPPP is included in the original plan submission when applying for a Grading/ Erosion and Sediment Control Permit. requirements.



To discuss development of your SWPPP or if you have questions regarding best management practices please contact the Water Quality Specialist or Engineering Department.

Planning ahead will help keep your site in compliance and keep unwanted pollutants from reaching our water resources.



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