



City of East Grand Forks

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Public Works Department · 1001 2nd St NE · East Grand Forks, MN 56721

STORMWATER BMPs – STORM DRAINAGE SYSTEM

AFFECTED FACILITIES

These Best Management Practices (BMPs) apply at all municipal storm drainage structures. This includes storm drain inlets, catch basins, sumps, storm sewer lines, manholes, drainage ditches, structural BMPs, outfalls and detention areas.

BACKGROUND

As a consequence of its function, the storm water conveyance system collects and transports urban runoff and snowmelt that may contain certain pollutants. Any pollutant that might wind up on a street or parking lot can wind up in the storm drain. This may include oil and grease, nutrients, trash, organics and oxygen depleting compounds. Maintaining catch basins, storm water inlets and other storm water conveyance structures on a regular basis will remove pollutants, prevent clogging of the downstream conveyance system, restore catch basins' sediment trapping capability and ensure the system functions properly to avoid flooding.

BEST MANAGEMENT PRACTICES

- Develop a schedule for inspection and cleaning of the municipal storm drain system including detention ponds and permanent BMPs.
- Inspect the municipal storm drain system for cracks, leaks and other conditions that would lead to breakdowns in the system at least yearly.
- Repair any storm sewers found to be leaking, clogged or damaged as soon as possible.
- Clean out storm sewer systems according to a pre-determined schedule with maximum activity preferably in late winter and early spring. If there are certain runs that are prone to fast sediment build-up such as runs without sufficient slope, schedule them more frequently.
- When flushing or jetting inlets or ditches, use a vacuum truck to collect wastewater downstream.
- Report any suspected illegal connections or dumping to the city storm water department.
- Do not discharge any contaminated stormwater or storm sewer flush water into surface waters. (Contaminated wastewater must be disposed at an approved disposal facility depending on the type and concentration of contaminants.)
- Discharge decanted wastewater to sanitary sewer.

- Ensure that debris from vacuum trucks is collected and taken to a secure temporary storage area or directly to its permanent disposal site. The storage area should be more than 100 feet from and at a lower elevation than any water body, creek, river, ditch or storm drain inlet. Ensure that any temporary storage areas for debris are protected from wind or rain re-entrainment.
- Disposal of debris should be done on a regular basis and debris should not be allowed to accumulate.
 - ✓ If temporary storage is required before pick-up, store wastes in containers (dumpsters or dump trucks) or on a paved area with containment berms.
 - ✓ Store debris at least 100 feet from or at a lower elevation than any storm drain inlets or ditches.
- Do not empty vacuum trucks near storm drains or surface water bodies or where wind or rain could re-entrain or scatter the debris.
- Periodically sample the collected sediments to determine if they can be disposed in a sanitary landfill.
- If oil, antifreeze or other hazardous wastes are discovered in any catch basins, the wastes removed may be hazardous or require special disposal. Dispose of contaminated debris properly.

NEW CONSTRUCTION OR RENOVATION REQUIREMENTS

- Any new construction, remodel, addition or renovation will not be permitted to include any illicit connection.
- Any illicit connection discovered during a remodel, renovation, remodel or addition should be immediately disconnected.
- Install vacuum truck dumping and dewatering areas that are concrete-lined and plumbed to sanitary sewer.
- Grade and size all new storm sewers and drainage ditches for optimal channel hydraulics.
- When upgrading or modifying an existing storm sewer, check for illegal connections or dumping: staining, discoloration, unusual odors, or connections from unknown origins. Report all such discharges to the city storm water department.
- Install swales and filter strips in drainage ditches to act as a bio-filter.

REQUIRED TRAINING

- Train all current employees who perform storm drainage system maintenance on these BMPs, the Spill Clean-up BMP and the importance of Personal Protection Equipment (PPE) annually.
- Train all new hires and job transferees who will perform storm drainage system maintenance on these BMPs, the Spill Clean-up BMP and the importance of Personal Protection Equipment (PPE) annually.
- All contracts must stipulate that contracted employees are trained in these BMPs.

ADDITIONAL INFORMATION

Household Hazardous Waste can be disposed of at:

Polk County Environmental Services Transfer Station

320 Ingersoll Ave

Crookston, MN 56716

Monday - 7:00am to 7:00pm

Tuesday through Friday - 7:00am to 5:30pm

Used motor oil and other waste automotive fluids can be disposed of at:

Public Works Department

1001 Second St. N.E.

East Grand Forks, MN 56721

(218) 773-1313

To report an Illicit Discharge, clogged sewer or for answers to questions regarding these stormwater BMPs please contact:

Public Works Stormwater/Wastewater Department

1001 Second St. N.E.

East Grand Forks, MN 56721

(218) 773-1313