

Project Description:

The work on the project includes the construction of a new parking lot . The project also includes the installation of storm sewer and construction of an infiltration basin to treat the proposed projects water runoff within the newly constructed parking lot. The project is located north and west of the intersection of Veterans Dr., and 44th Ave. N., on the VA campus in St. Cloud, Stearns County, Minnesota.

Receiving Waters:

The receiving water is the Sauk River which is the northerly border of the property, and is listed by the MPCA as impaired.

Responsible Parties:

St. Cloud VA and the Contractor are responsible co-permittees for the implementation of the SWPPP. The Contractor is responsible for installation, inspection, maintenance, and repair of all erosion prevention and sediment control BMPs before, during, and after active construction. St. Cloud VA is responsible for the long-term operations and maintenance of all permanent stormwater management systems. The Contractor is liable until final stabilization of all disturbed areas is achieved and the Notice of Termination (NOT) / Permit Modification form is submitted to the MPCA (as specified in the NPDES construction permit) .

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|---|---------------------|-------------------|
| Project Engineer | St. Cloud VA | Contractor |
| Daniel J. Folsom, PE | Peter A. Schei | TBD |
| Design Tree Engineering, Inc. | | |
| 3339 W. St Germain, Suite 250 St. Cloud, MN 56308 | | |
| (320) 217-5557 | 320) 255-6346 | |
| djf@designtreeengineering.com | | |

Construction Notes:

Construction shall be governed by MnDOT Specifications, special provisions, amendments and the project specifications and detail plates. Permits and maps relating to this project's SWPPP can be found in the Project Manual. The Contractor shall keep the inspection and maintenance log on-site at all time during active construction. Please refer to plans and specifications for additional SWPPP information.

Special Water, Impaired Water & TMDL Implementation Plans:

Sauk River is listed as impaired. All disturbed areas not actively being worked must be stabilized within 7 days. The majority the projects water runoff will be collected and stay on site. A portion of the projects water runoff will be collected in a infiltration basin located on the site. St. Cloud VA is responsible for the long term maintenance of the proposed infiltration basin. Inlet protection, silt fences, final stabilization, and BMP's must be implemented prior to allowing any water runoff to be collected within the St. Cloud VA storm sewer collection system.

Calculations:

Area to be Disturbed = 1.059 AC
 Pre-Construction Impervious Area = 0 AC
 Post-Construction Impervious Area = 0.738 AC
 Net Increase in Impervious Area = 0.738 AC

Timing of BMP Installation:

The Erosion and Sediment Control BMPs shall be installed as necessary to minimize erosion from disturbed surfaces and capture sediment on site and shall meet the NPDES permit Part IV construction activity requirements. Perimeter controls shall be placed prior to the start of any construction. All disturbed areas not actively being worked must be stabilized within 7 days.

Storm Water Pollution Prevention Plan:

The Permittees must implement the entire SWPPP and the requirements of the NPDES permit. The BMPs identified in the SWPPP and in the permit must be selected, installed and maintained in an appropriate and functional manner that is in accordance with manufacturer specifications and accepted engineering practices.

Contacts:

| AGENCY | PERMIT | NAME | PHONE NUMBER |
|----------------------------|--------|-----------------|------------------------|
| Stearns County | | Wayne Cymbaluk | (320) 656-3613 |
| DNR Waters | | Janell Miersch | (218) 739-7576 EXT.232 |
| ACOE | | St. Paul Office | (651) 290-5375 |
| State Duty Officer | | MPCA | (800) 422-0798 |
| SWPPP Designer | | Riley Kephart | (320) 762-1290 |
| Erosion Control Review | | Dan Folsom, PE | (320) 217-5557 |
| Erosion Control Supervisor | | TBD | |

Location of SWWP Requirements:

| DESCRIPTION | TITLE | SHEET # OR SPECIFICATION SECTION |
|-------------------------|------------------------|----------------------------------|
| Receiving Surface Water | Sauk River | NA |
| Final Stabilization | Erosion Control Plans | C5.0 |
| Drainage Plans | Grading/ Utility Plans | C3.0 & C4.0 |
| Drainage Details | Details | C1.1 & C1.2 |
| Erosion Control Sheets | Erosion Control Plans | C5.0 |
| Erosion Control Details | Details | C5.1 |

Sequence of Construction- MPCA / NPDES Permit Required for this contract:

Contractor to verify that all applicable permits have been obtained and NPDES permit modification form has been submitted to MPCA prior to the start of construction.

1. Permittee must plan for and implement appropriate construction phasing, vegetation buffer strips, horizontal slope grading, and other construction practices that minimize erosion, so that the inspection and maintenance requirements of Part IV.E. of the NPDES construction permit are complied with. The location of areas not to be disturbed must be delineated on the project before site work begins.
2. Sediment control practices must be established on all down gradient perimeters before any up gradient land disturbing activities begin. These practices shall remain in place until final stabilization is achieved.
3. Contractor to rough grade site and install utilities, then install and maintain all temporary/permanent erosion control BMPs as shown on plans and in conformance with NPDES construction permit requirements.
4. Contractor to achieve final stabilization prior to submission of Notice of Termination.

Dewatering and Basin Draining:

Dewatering or basin draining that may have turbid or sediment laden discharge water must be discharged to a temporary or permanent sedimentation basin on the project site whenever possible. Discharge from the temporary or permanent sedimentation basin must be visually checked to ensure adequate treatment is obtained in the basin and nuisance conditions, impacts to wetlands, and erosion in receiving channels or on downslope properties will not result from the discharge. Adequate sedimentation control measures are required for discharge water that contains suspended solids.

Solid Waste:

Collected sediment, asphalt and concrete millings, floating debris, paper, plastic, fabric, construction and demolition debris and other wastes must be disposed of properly and must comply with MPCA disposal requirements.

Hazardous Materials:

Oil, gasoline, paint and hazardous substances must be properly stored, including secondary containment, to prevent spills, leaks or other discharge. Restricted access to storage areas must be provided to prevent vandalism. Storage and disposal of hazardous waste must be in compliance with MPCA regulations.

Concrete washout on-site:

All liquid and solid wastes generated by concrete washout operations must be contained in a leak-proof containment facility. The liquid and solid wastes must not contact the ground and there must not be runoff from the concrete washout operations or areas.

| Revisions | Date |
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| CONSULTANTS: |
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Drawing Title
SWPPP Narrative

Approved
Daniel J. Folsom
Daniel J. Folsom License# 23897

Date
April 4, 2012

Project Title
Replace Parking Lost
Due To Construction

Location
St. Cloud VA Health Care System

Date
April 4, 2012

Checked
DJF

Drawn
RJK

Project Number
656-12-214

Building Number

Drawing Number
C5.2

Dwg. 8 of 9

100% CD5 - FOR CONSTRUCTION

