



STORMWATER POLLUTION PREVENTION PLAN TEMPLATE

Disclaimer: This template was developed for guidance purposes only in an effort to assist Construction Storm Water permit applicants in meeting state and local requirements. Completion of this template is not a requirement for permit authorization and is not intended to be used as a substitute for professional review.

1.0 SITE DESCRIPTION			
1.1 Project Name and Location		Date _____	
Project Name _____	Address _____		
NDEQ NOI Number _____	City _____	County _____	
Latitude _____	Longitude _____	State _____	Zip Code _____
1.2 Construction Project Description			
Describe the nature/function of the construction project and its impact on the surrounding environment			
<div style="border: 1px solid black; height: 200px;"></div>			
1.3 Name of Receiving Waters			
Identify and name any receiving waters within one mile of the site. Include drains and ditches that lead to streams or rivers.			
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1.3 Existing Site Conditions

Describe the existing site conditions, including the storm drainage system. Include quantities of flow and site conditions around all points of surface water discharge from the site.



1.3 Sequence of Major Construction Activities

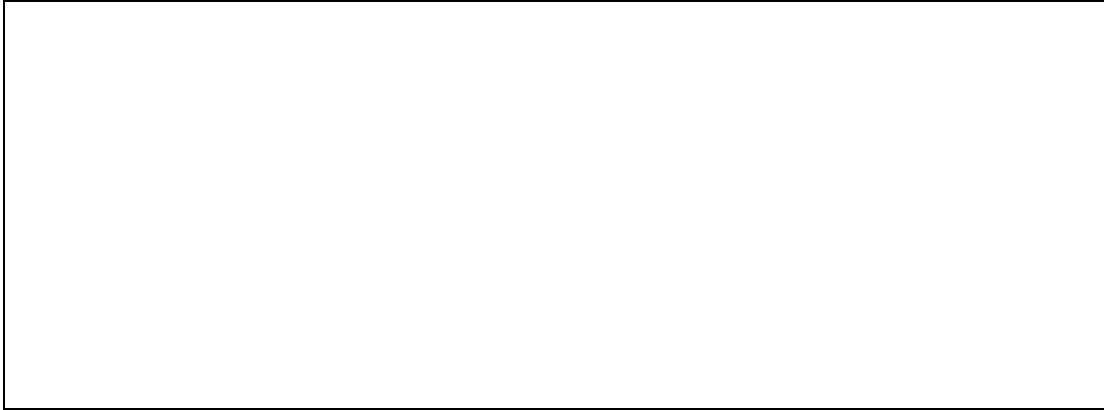
Describe the intended sequence and timing of activities that disturb soil on the site. Include the following:

- Clearing and grubbing for areas necessary for installation of perimeter erosion control devices
- Construction of perimeter erosion control devices
- Remaining interior site clearing and grubbing
- Installation of permanent and temporary stabilization measures
- Road grading
- Grading for the remainder of the site
- Utility installation and whether storm drains will be used or blocked after construction
- Building, parking lot, and site construction
- Final grading, landscaping, or stabilization
- Implementation and maintenance of final erosion control structures
- Removal of temporary erosion control devices



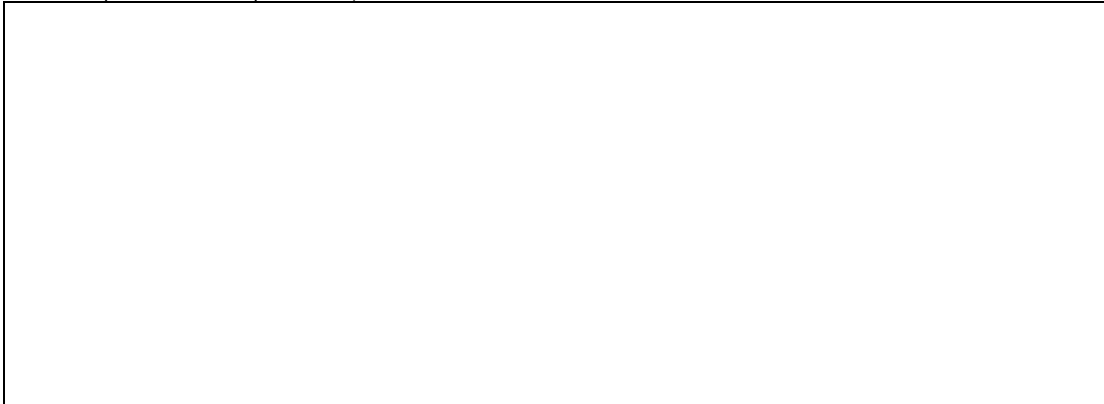
1.4 Site Data

Estimates of the total area expected to be disturbed by excavation, grading, or other construction activities, including dedicated off-site borrow and fill areas.



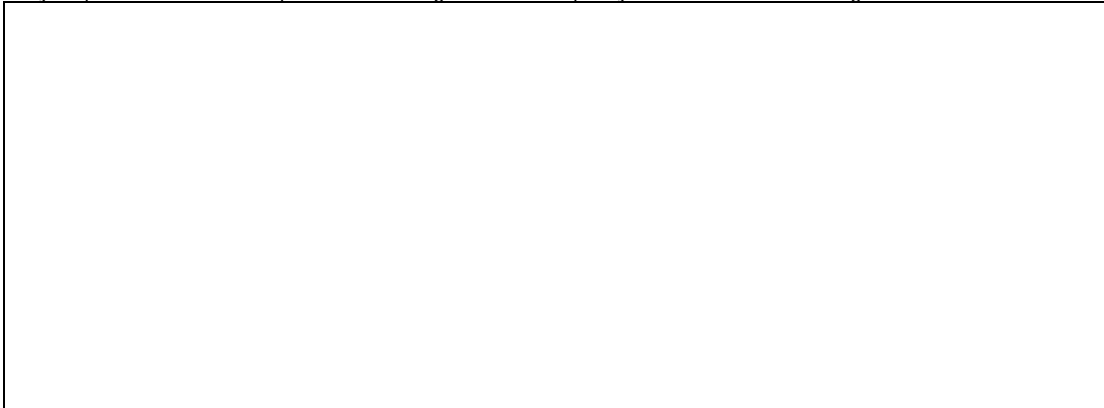
1.5 Industrial Activities

Indicate the location of any stormwater discharges associated with industrial activity other than at the site (e.g., dedicated asphalt, concrete plants, etc).



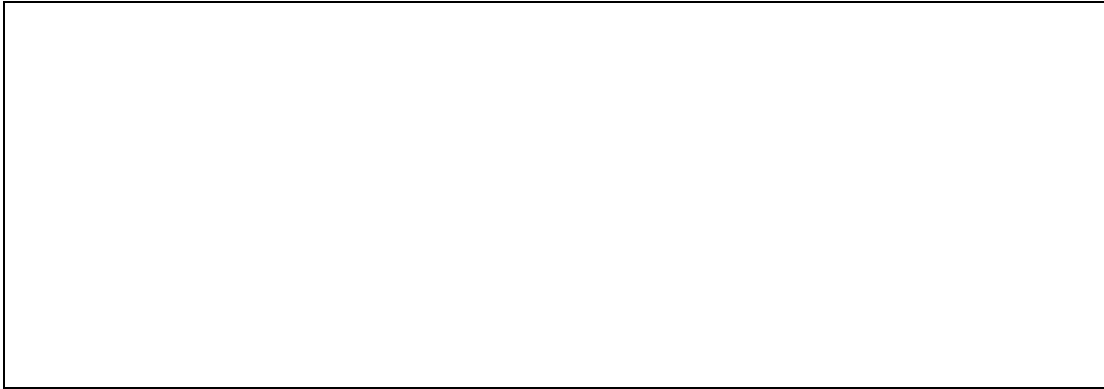
1.6 Pollution Sources

Identify all potential sources of pollution that might affect the quality of storm water discharge from the site.



1.7 OPERATORS

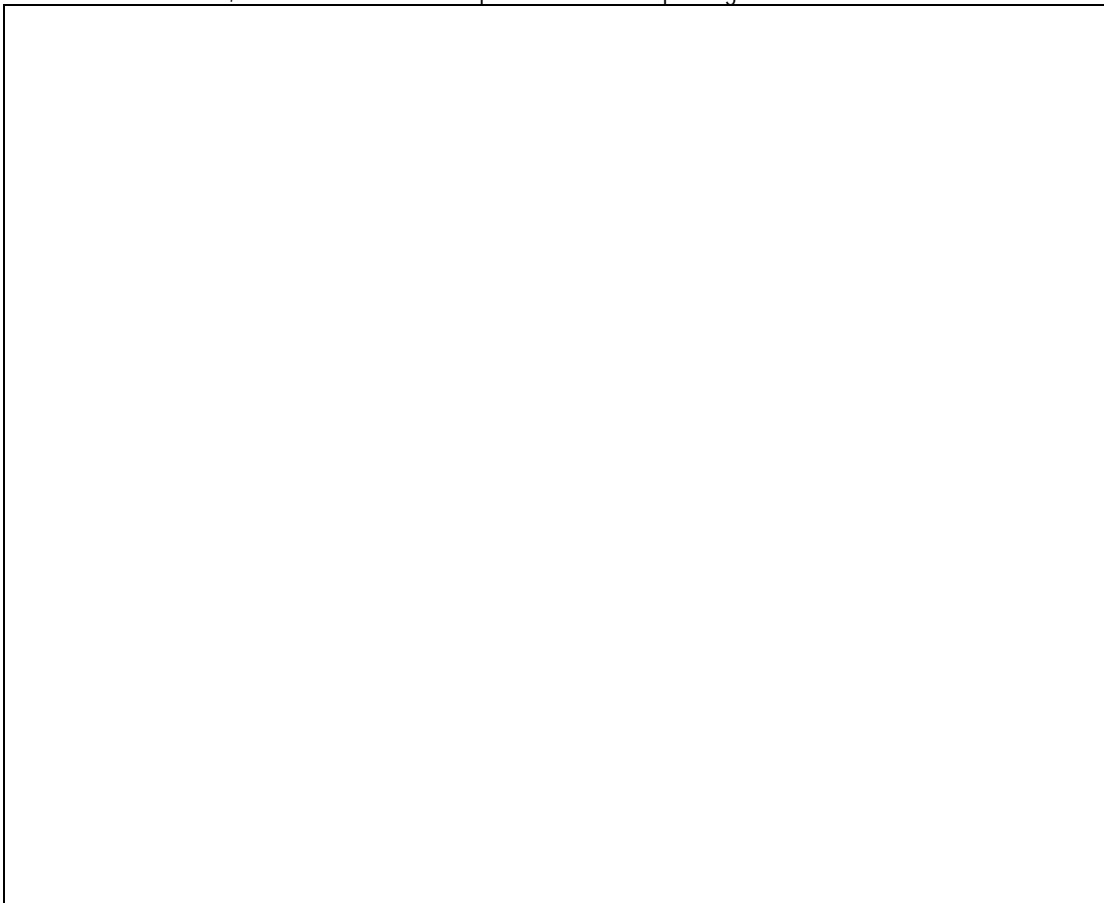
Identify the types of OPERATORS (e.g. grading contractor, residential and commercial lot builders, public improvement contractor, subcontractors, suppliers, trades people, etc.) who will be at the site, and the areas over which OPERATOR has control.



2.0 CONTROLS TO REDUCE POLLUTANTS

2.1 Control Measures

For each major activity identified (see section 1.3), describe all control measures, the timing during construction when measures will be installed, and the OPERATOR responsible for accomplishing the installation.



2.2 Interim and Permanent Stabilization Practices

Describe all interim and permanent stabilization practices with the associated installation schedule.

2.3 Construction Activity Record Keeping

Maintaining a record of the dates when major grading activity occurs, when construction activity has been temporarily or permanently ceased on a portion of a site, and when stabilization practices are initiated is an integral part of the SWPPP. Explain how the construction activity record keeping will be accomplished for the duration of the permit.

2.4 Structural Practices

Describe any structural practices used to divert flows from exposed soils, retain/detain flows, or otherwise limit runoff/pollutants from exposed areas,

2.5 Post-Construction Storm Water Management Controls

Describe any post-construction storm water management controls to be installed at the site, and identify any applicable federal, state, local, and/or tribal requirements for design or installation. Include maintenance plans of permanent management measures.

2.6 Measures/Waste Disposal Practices

Describe all measures/waste disposal practices to prevent discharge of solid material, including building materials and cement truck washout , to waters of the state.

2.7 Sediment Track-Out Prevention Practices

Describe measures to minimize off-site tracking of sediments to paved surfaces and the generation of dust.

2.8 Waste or Construction Materials Storage Practices

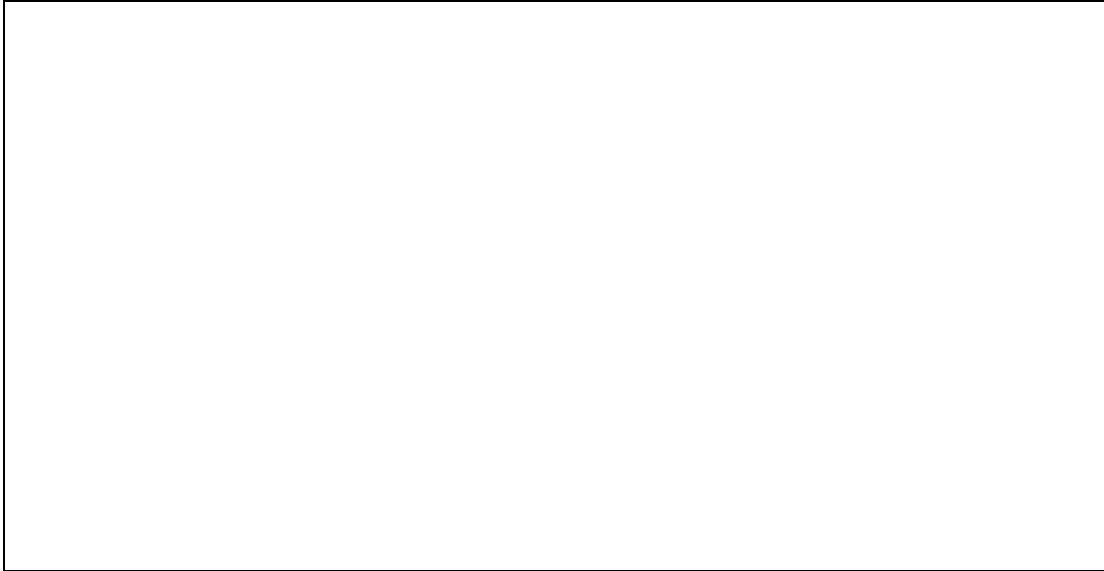
Describe any waste or construction materials to be stored onsite, and list all measures to limit exposure, including storage, spill prevention and response practices.

2.9 Pollutants From Sources other than Construction

Describe controls to minimize pollutants from sources other than construction (e.g., dedicated asphalt, concrete plants, etc.)

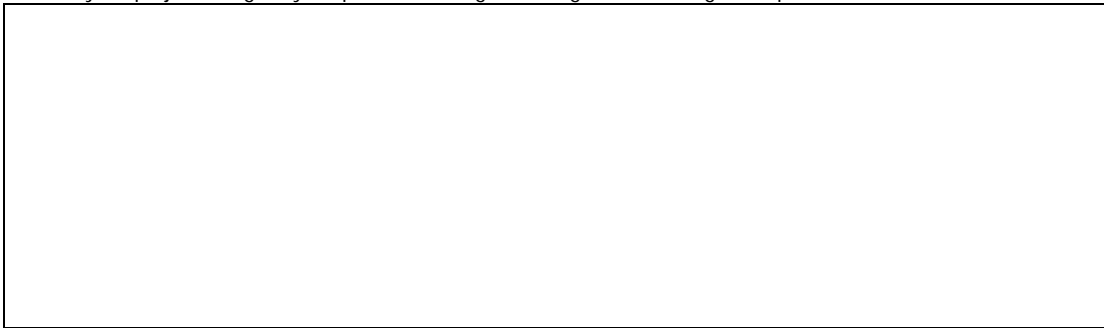
3.0 NON-STORM WATER DISCHARGE MANAGEMENT

Identify and list pollution prevention measure for any allowable non-storm water discharges. (For a list of allowable non-storm water discharges, see CSW General Permit Part I.C.2)



4.0 PERMIT ELIGIBILITY RELATED TO ENDANGERED SPECIES

Document your project's eligibility for permit coverage with regard to endangered species.



5.0 PERMIT ELIGIBILITY RELATED TO MAXIMUM DAILY LOADS

Document your project's eligibility for permit coverage with regard to discharging to water bodies with an approved TMDL.



6.0 APPLICABLE STATE, TRIBAL, OR LOCAL REQUIREMENTS

Document your project's compliance with any applicable state, local, and/or tribal requirements for erosion control and stormwater management.

7.0 INSPECTIONS

7.1 Inspection Schedule, Procedures, and Frequency

Proposed conditions inspections must be conducted at least once every fourteen calendar days, and within 24 hours of storms that have occurred in a 24 hour period with an accumulation of precipitation that measures .5 inches or greater. A rain gauge will be maintained on site to measure precipitation. Describe routine inspection schedules, procedures, and frequency to ensure control measures are operating effectively.

7.2 Personnel Performing Inspections

Indicate who will be to perform inspections and describe the person's qualifications.

7.3 Report Format

Describe the format for the inspection reports documenting each inspection, including documentation of incidents of noncompliance or certifying full compliance, and indicating who will be authorized to sign the report.

8.0 OPERATOR RESPONSIBILITY AND NOTIFICATION

8.1 Responsibility

Describe in detail each OPERATOR'S (see section 1.7 for a list of OPERATORS) responsibility for implementing and maintaining the SWPPP in the APPLICANT'S behalf.

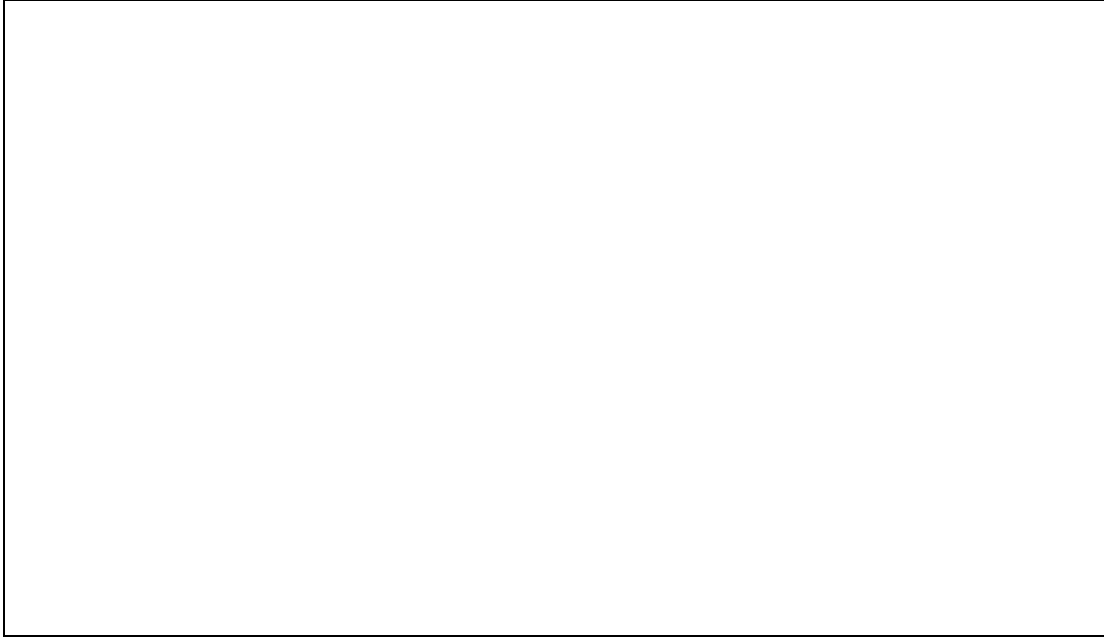
8.2 Notification

Describe in detail how each OPERATOR (see section 1.7 for a list of OPERATORS) will be informed of the existence of the SWPPP and requirements.

9.0 MAINTENANCE OF CONTROLS

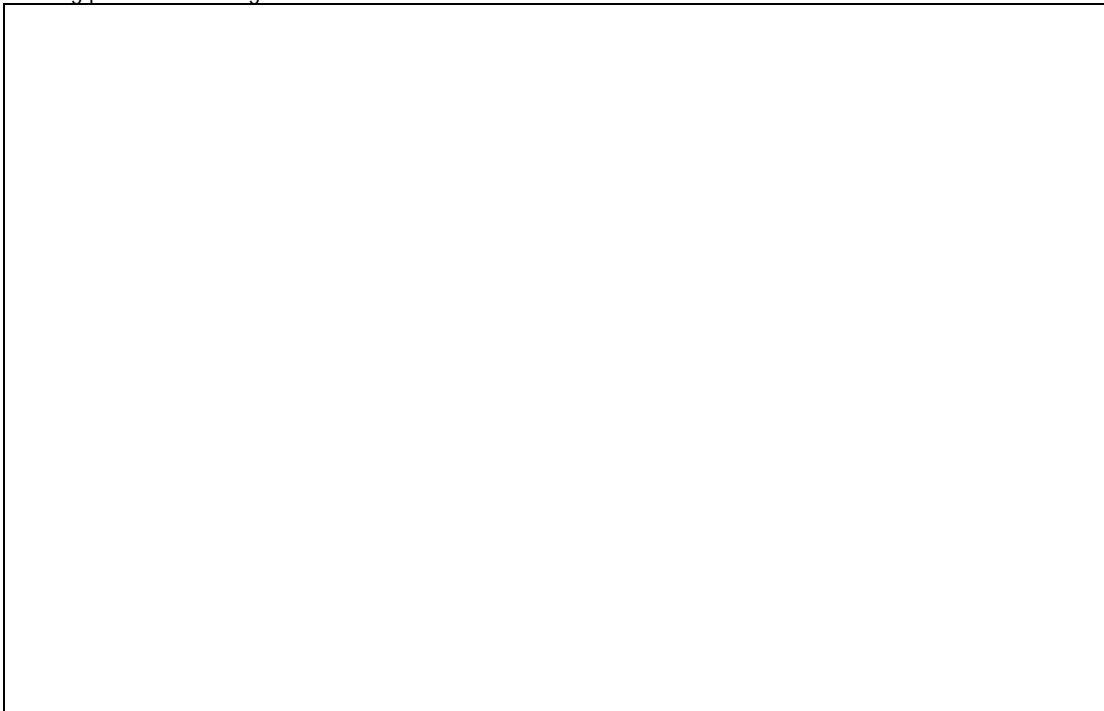
9.1 Procedures and Activities

Describe the procedures and activities that will be used to maintain all best management practices in an effective operational condition.



9.2 Modifications

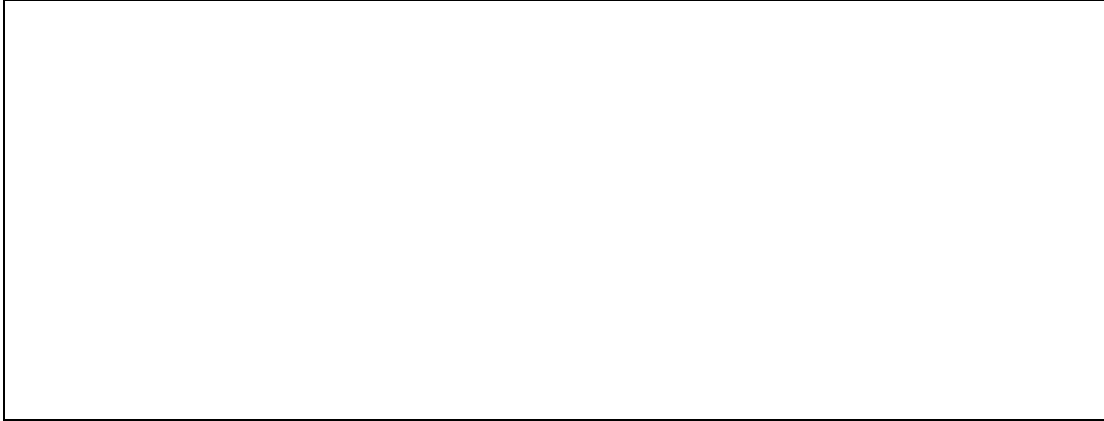
Describe in detail a protocol for modifying the SWPPP whenever there is a change in design, construction, operation, or maintenance at the site, or if during inspections or investigations it is determined that the SWPPP is ineffective in minimizing pollutant discharge from the site.



10.0 MANAGEMENT PRACTICES

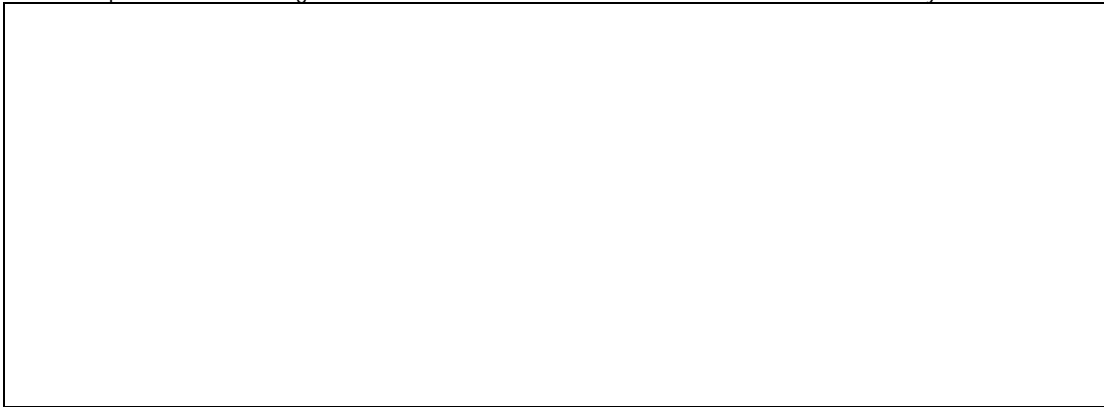
10.1 Control Measure Management Practices

Describe the protocol for insuring that all controls will be properly selected, installed, and maintained in accordance with manufacturer specifications and good engineering practices.



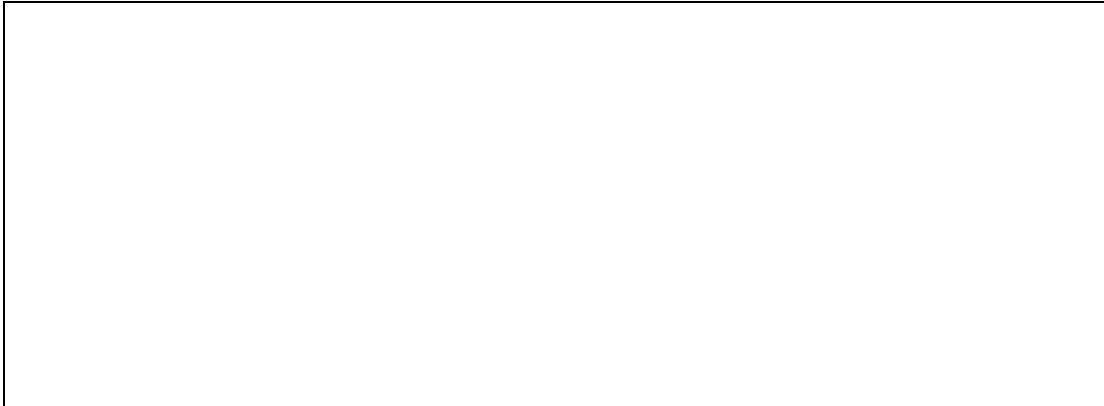
10.2 Off-Site Management Practices

Describe the protocol for ensuring off-site accumulations of sediment will be removed as necessary.



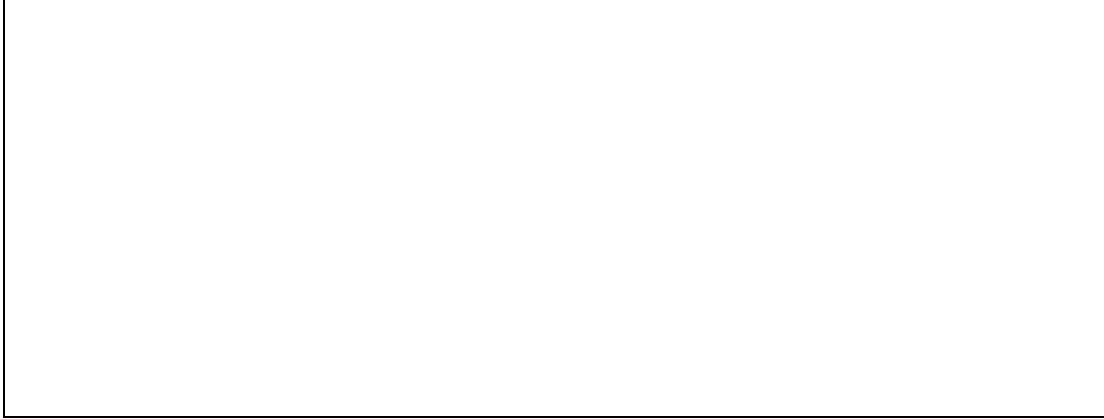
10.3 Litter, Debris, and Chemical Management Practices

Describe the protocols for ensuring the prevention of stormwater contamination associated with pollutants such as litter, debris, and chemicals.



10.4 Stabilization Management Practices

Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within seven (7) calendar days on all perimeter dikes, swales, ditches, perimeter slopes, and all slopes greater than 3 horizontal to 1 vertical (3:1); embankments of ponds, basins, and traps; and within fourteen (14) days on all other disturbed or graded areas. The requirements of this section do not apply to those areas which are shown on the plan and are currently being used for material storage or for those areas on which actual construction activities are currently being performed. Describe the protocol for ensuring the implementation of stabilization measures.



10.5 Maximum Pollutant Removal Management Practices

Describe the protocol for ensuring a combination of sediment and erosion control measures will be used to achieve a maximum pollutant removal. Also, document any factors considered when determining whether to use sediment basin(s) as a control measure.



10.6 Velocity Dissipation Management Practices

Describe the protocol for ensuring velocity dissipation devices will be used at discharge locations and along outfall channels to provide non-erosive flow.



11.0 CONTACT INFORMATION

Owner/Developer

Phone number

Address

City

State

Zip

12.0 MAPS AND ATTACHMENTS

The following must be included with the SWPPP:

1. General Location Map (e.g., USGS quadrangle map, a portion of a city or county map, or other map) with enough detail to identify the location of the construction site and waters of the state within one mile of the site
2. Site map(s) showing the entire site during grading, construction, and post-construction phases, identifying
 - a. Direction(s) of storm water flow and approximate slopes anticipated after major grading events
 - b. Areas of soil disturbance and areas that will not be disturbed
 - c. Locations of major structural and nonstructural Best Management Practices (BMPs) identified in the SWPPP
 - d. Locations where stabilization practices are expected to occur
 - e. Locations of off-site material, waste, borrow, or equipment storage areas
 - f. Location of all Waters of the State
 - g. Location of any wetlands, natural or artificial water storage detention areas, and drainage ditches on the site
 - h. Locations where storm water discharges to a surface water
 - i. Areas where final stabilization have been accomplished and no further construction-phase permit requirements apply
 - j. An indication of the scale used
 - k. Suitable contours for the existing and proposed topography
 - l. A clear and definite delineation of any areas of vegetation or trees to be saved
 - m. A clear and definite delineation of any one hundred (100) year floodplain on or near the site
 - n. Location of rain gauge to be maintained on site
 - o. The location on site where the SWPPP will be kept
3. Design details for both temporary and permanent erosion control structures
4. A statement noting that the contractor, developer, and owner shall request the Stormwater Pollution Prevention Plan Inspector to inspect and approve work completed at the following stages:
 - a. Upon completion of installation of perimeter erosion and sediment controls, prior to proceeding with any other land disturbance or grading
 - b. Upon the completion of stripping, the stockpiling of topsoil, the construction of temporary erosion and sediment control facilities, disposal of all waste material, and preparation of the ground and completion of rough grading, but prior to placing top soil, permanent drainage, or other site development improvements and ground covers
 - c. Upon completion of final grading, permanent drainage, and erosion control facilities including established ground covers and planting, and all other work of the permit
5. A signed statement by the owner, developer, and contractor that any clearing, grading, construction, or development, or all of these, will be done pursuant to the plan.
6. Inspection reports must include the following:
 - a. Inspection time and date
 - b. Name, titles, and qualifications of personnel making the inspection
 - c. Weather information for the period since the last inspection including a best estimate of the beginning of each storm event, duration of each storm event, approximate amount of rainfall for each storm event (in inches), and whether any discharges occurred
 - d. Weather information and a description of any discharges occurring at the time of the inspection
 - e. Location(s) of discharges of sediment or other pollutants from the site

- f. Location(s) of BMPs that need to be maintained
- g. Location(s) of BMPs that failed to operate as designed or proved inadequate for a particular location
- h. Monitoring results if requested
- i. Records of the last grading activity
- j. Location(s) where additional BMPs are needed that did not exist at the time of inspection
- k. Corrective action required including any changes to the SWPPP necessary and implementation dates