North Dakota Department of Health
Storm Water Field Inspection Report
Construction Activities
08-2015

Date:	Time In:	Time Out:	Inspector(s):
Permit No. NDR10 -		Permittee Name:	
Address or Location of Inspection:			
Contact Person:			Phone No.:
Inspection Type: ☐Complaint ☐Pre-permit ☐Compliance ☐Reconnaissance ☐Follow-Up ☐Diagnostic ☐ Termination ☐Other:			
SWPPP Available During Inspection? ☐YES ☐NO		Photographs Taken? ☐YES ☐NO	
Nature of Project:			Size of Project:
Receiving Waters:			Start Date:
Individuals in Attendance:			Percent Complete:
Other Inspectors:			

Are all of the following kept on-site or at a reasonable location? Check those kept that were available:

☐Copy of Notice of Intent (or application) ☐Stormwater Pollution Prevention Plan ☐Coverage Letter
☐Inspection Records ☐Maintenance Records ☐General Permit NDR10-0000

Was a pre-inspection meeting conducted?	☐YES	☐NO
Was a close-out meeting conducted?	☐YES	☐NO

Comments

SWPPP Assessment	YES	NO	N/A
1. Does the site description contain the following items?			
• Overall project description	☐	☐	
• Estimates of total area and total area to be disturbed	☐	☐	
• Proposed timetable/schedule of activities including major phases/stage, with BMP implementation, removal, disturbances, and stabilization	☐	☐	
• Soil description	☐	☐	
• Identify surface waters and MS4 systems that receive water from the site	☐	☐	
• Identifies 303(d) listed water bodies	☐	☐	☐
• Identifies and describes TMDL water bodies	☐	☐	☐
• A site map which shows the following where applicable:			
i. Areas of ground disturbance	☐	☐	
ii. Areas of concentrated run-on and runoff	☐	☐	☐
iii. Location of temporary and permanent sediment and erosion controls	☐	☐	
iv. Location of any stormwater conveyances such as: retention ponds, detention ponds, ditches, pipes, swales, stormwater diversions, culverts, storm sewer inlets and outfalls	☐	☐	☐
v. Location of potential sources of pollution (e.g. portable toilets, trash receptacles, debris storage, material storage, fueling locations, vehicle and equipment maintenance areas, designated wash water collection sites, lubricant and chemical storage, etc.);	☐	☐	☐
vi. Location of soil stockpiles;	☐	☐	☐
vii. Surface waters within or along the project limits	☐	☐	☐
viii. Location of dewatering activities;	☐	☐	☐
ix. Locations of where chemical treatment of stormwater will be performed	☐	☐	☐
x. Where included as part of the project, the site maps for off-site batch plants, equipment staging areas, borrow sites or excavated fill material disposal sites.	☐	☐	☐
2. Does the SWPPP describe the selection of BMPs?	☐	☐	
3. Does the SWPPP identify a SWPPP contact and include a chain of responsibility?	☐	☐	
4. Does the SWPPP describe good housekeeping practices to maintain a clean and orderly site?	☐	☐	
5. Does the SWPPP include inspection and maintenance requirements for selected BMPs?	☐	☐	
6. Does the SWPPP describe how corrective actions are accomplished before the next rain event or within 24 hours of discovery, or as soon as field conditions allow?	☐	☐	
7. Does the SWPPP include spill prevention and response procedures for petroleum products and other chemicals (e.g., antifreeze, paint) stored on site?	☐	☐	
8. Does the SWPPP describe how employees are trained in their role in implementing the SWPPP?	☐	☐	
9. Does the SWPPP describe how concrete grindings, slurry, and wash out will be managed on site?	☐	☐	☐
10. Does the SWPPP describe how dewatering activities will be managed so it does not adversely affect the receiving stream?	☐	☐	☐
11. Is chemical treatment to remove sediment from basin draining or dewatering activities being used?			
12. Was the use of chemical treatment for sediment approved by the department 60 days prior to use?	☐	☐	☐
13. Is there a description of the chemical treatment process in the SWPPP?	☐	☐	☐
14. Are structures being used to draw water from the surface?	☐	☐	☐
15. If structures are not being used to draw water from the surface, does the SWPPP describe how this is not feasible?	☐	☐	☐
16. Does the SWPPP describe BMPs for all down slope and side slope boundaries?	☐	☐	
17. Does the SWPPP describe procedures for initiating stabilization in accordance with the permit?	☐	☐	
18. Does the SWPPP describe proper installation and maintenance of BMPs?	☐	☐	

19. Does the SWPPP describe how off-site accumulations of sediment will removed in a manner and frequency sufficient to minimize off-site impacts?	☐	☐	
20. If the site discharges to a water body with an approved TMDL, does the SWPPP include BMPs specified in the TMDL?	☐	☐	☐
21. Does SWPPP identify permanent BMPs such as stormwater ponds, flow reduction methods, infiltration of runoff on-site, etc.?	☐	☐	☐
22. Does the SWPPP identify velocity or energy dissipation devices at outfalls?	☐	☐	☐
23. Has the SWPPP has been amended?	☐	☐	

Inspection and Maintenance Records	YES	NO	N/A
1. Are inspections performed at least once every 14 calendar days and after a 0.25-inch rain event?	☐	☐	
2. Do inspection records include the following? • Date and time of inspection • Name of individual(s) conducting inspections • Findings of inspection, including recommendations for corrective actions • Date and amount of all rainfall events greater than 0.25 inches of rain in 24 hours • When applicable, documentation that the SWPPP was amended • Are inspection records signed in accordance with the permit?	☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐	
3. Do maintenance records include the following? • BMPs corrected • Date and Time of corrective action • Name of person(s) performing corrective actions • Corrective actions taken • Are maintenance records signed in accordance with the permit	☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐	
24. Are nonfunctional BMPs being repaired, replaced, maintained or supplemented prior to the next anticipated rainfall event or within 24 hours of discovery (whichever comes first)?	☐	☐	
4. Have any areas of the project met the requirements for reducing inspection frequency?	☐	☐	
5. Have any areas of the project met the requirements for suspending inspections?	☐	☐	
6. Are dewatering activities being monitored and recorded daily?	☐	☐	☐
7. Do dewatering inspection records include the following? • Date and time of the inspection • Name of individual(s) conducting inspections • Approximate volume of water discharged • Findings, including recommendations and schedule for corrective actions • Corrective actions taken (including dates, times, and party completing maintenance activities)? • Documentation that the SWPPP has been amended when changes are made to the dewatering activity?	☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐

Sediment Basin Assessment	YES	NO	N/A
1. Are sediment basins being used on site?	☐	☐	
2. Is the basin designed to avoid the discharge of sediment and debris?	☐	☐	
3. Is the basin designed to withdraw water from the surface where practicable?	☐	☐	
4. If the basin could not be designed to withdraw water from the surface, is an explanation provided in the SWPPP?	☐	☐	☐
5. Does the basin have a stabilized emergency overflow to prevent failure of pond integrity?	☐	☐	
6. Does the basin outlet have energy dissipation?	☐	☐	

In-Field Observations	YES	NO	N/A
1. Have erosion, sediment, and stabilization practices been provided?	☐	☐	
2. Have all exposed soil areas been stabilized where construction activities have been permanently or temporarily ceased?	☐	☐	☐
3. Do soil stockpiles have effective sediment controls?	☐	☐	☐
4. Are any soil stockpiles placed in surface waters or stormwater conveyance systems?	☐	☐	☐
5. Has the normal wetted perimeter of any drainage ditch that drains water from the site, or diverts water around the site, been stabilized at least 200 linear feet from the point of discharge to any surface water?	☐	☐	☐
6. If stabilization requirements could not be met due to circumstances beyond the control of the permittee, were the circumstances documented?	☐	☐	☐
7. Are stream diversions or drainage ditches with continuous flow stabilized to bankfull height?	☐	☐	☐
8. Are BMPs provided where work is bind done in or around surface waters?	☐	☐	☐
9. Is the floating silt curtain installed as close to the shoreline as possible?	☐	☐	☐
10. Are all pipe and culvert outlets provided with energy dissipation?	☐	☐	☐
11. Are splash pads and/or downspout extensions provided for roof drains to prevent erosion?	☐	☐	☐
12. Are all storm drain inlets within the project limits and in the immediate vicinity of the site protected? (This includes inlets affected by sediment tracked from the site.)	☐	☐	☐
13. Do inlet protection devices provide adequate drainage to prevent excessive flooding?	☐	☐	☐
14. Are vegetative buffers being used?	☐	☐	☐
15. Do vegetative buffers consist of dense, grassy vegetation? (Dense, grassy vegetation is 3 to 12 inches tall with uniform coverage over 90% of the buffer. No more than 10% of the buffer may consist of woody vegetation.)	☐	☐	
16. Is flow being properly distributed over vegetative buffers?	☐	☐	☐
17. Is a 50-foot natural buffer, or BMPs equivalent to a 50-foot buffer, being provided where the project is within 50 feet of a surface water?	☐	☐	☐
18. Is a 100-foot natural buffer, or BMPs equivalent to a 100-foot buffer, being provided where the project is within 100 feet of a surface water listed as impaired for sediment, suspended solids, or turbidity?	☐	☐	☐
19. Are all BMPs identified in the SWPPP correctly installed and implemented, and being maintained?	☐	☐	☐
20. Is wastewater from concrete washout, cleanout or washout from: stucco, paint, joint compound, and other building materials being collected in a leak-proof container or leak-proof pit?	☐	☐	☐
21. Is channelized flow handled to minimize erosion at outlets and to minimize impacts to downstream receiving waters?	☐	☐	☐
22. Is basin draining or dewatering activity operated to minimize erosion and the release of sediment at the outfall?	☐	☐	☐
23. Is basin draining or dewatering activity resulting in sediment deposits in stormwater conveyance systems or surface waters?	☐	☐	☐
24. Is basin draining or dewatering activity causing or potentially causing a visible plume in a surface water?	☐	☐	☐
25. Are there any controls similar to, and including, silt fence or fiber rolls where sediment has reached 1/2 of the above ground capacity?	☐	☐	
26. Are there any fiber rolls which have lost 1/2 of the original above ground height due to flattening or other damage?	☐	☐	

27. Are there any sediment basins where collected sediment has reduced the storage capacity by 1/2?	☐	☐	☐
28. Are inlet protection devices functioning properly?	☐	☐	
29. Is there evidence of sediment deposits in surface waters, drainage ditches or other stormwater conveyance systems? (Removal and stabilization must be completed within 7 days unless prohibited by legal, regulatory or physical access constrains. All reasonable efforts must be made to obtain access. Once permission is granted, removal must take place within 7 days.)	☐	☐	
30. Are appropriate BMPs provided to reduce sediment track out from the site?	☐	☐	
31. Is there evidence of sediment being tracked off-site or depositing on paved surfaces? (Sediment tracked or deposited on to paved surfaces must be removed by the end of the work day, shift or if applicable, within a shorter time specified by local authorities or the department.)	☐	☐	
32. Is there evidence of sediment depositing off-site, other than in surface waters, drainage ditches and stormwater conveyance systems? (Sediment must be recovered in a manner and frequency sufficient to minimize off-site impacts. For instance, sediment could be washed away during the next precipitation event.)	☐	☐	
33. Is there evidence of concrete wash water discharging from the site?	☐	☐	☐
34. Is there evidence of equipment or tool wash water discharging from the site?	☐	☐	☐
35. Is the wash water containment at 80% of the storage capacity?	☐	☐	☐
36. Are litter, debris, chemicals and parts being managed properly to minimize stormwater pollution?	☐	☐	
37. Is there evidence of, or the potential for, pollutants entering drainage systems or waters of the state from material storage areas and vehicle maintenance areas?	☐	☐	
38. Are liquid or soluble materials like oil, fuel, paint, etc., properly stored to prevent spills, leaks or other discharges?	☐	☐	
39. Is there evidence of wastewater from processing operations or sanitary facilities (i.e., portable toilets) discharging from the site?	☐	☐	
40. Are BMPs immediately cleaned upon removal from surface waters?	☐	☐	☐

Miscellaneous Use