

STATE HIGHWAY ADMINISTRATION

EROSION / SEDIMENT CONTROL AND STORMWATER MANAGEMENT FIELD INVESTIGATION REPORT

DISTRICT: _____ COUNTY: _____ CONTRACT NO: _____
 DATE & TIME OF INSPECTION: _____
 PROJECT DESCRIPTION: _____
 CONTRACTOR: _____ NOI/PERMIT # _____
 INSPECTORS NAME AND RPC (required under Part IV.C.1) CERTIFICATION # _____
 SITE STATUS: ☐ CURRENTLY ACTIVE ☐ CURRENTLY INACTIVE
 PHASE OF CONSTRUCTION: ☐ CLEAR & GRUB ☐ ROUGH GRADING ☐ INFRASTRUCTURE
☐ DEMOLITION ☐ BUILDING CONSTRUCTION ☐ FINAL STABILIZATION
☐ AS-BUILTS SUBMITTED ☐ NOT SUBMITTED
 DATE EARTH DISTURBANCE BEGAN: _____
 SITE CONDITION: ☐ COMPLIANCE ☐ NEEDS CORRECTIONS ☐ NON-COMPLIANCE
 REASON FOR INSPECTION: ☐ WEEKLY INVESTIGATION ☐ PRE-STORM ☐ DURING STORM EVENT
☐ POST-STORM ☐ DUE TO A DISCHARGE OF SIGNIFICANT AMOUNTS OF SEDIMENT
☐ MONTHLY INVESTIGATION: LIST PHASES/LOTS STABILIZED: _____
 STORM EVENT SINCE LAST REPORT ☐ YES ☐ NO (If yes Provide)
 DATE & TIME _____ DURATION _____ AMOUNT _____

| 1. IS PROJECT IN SCOPE? | * If No, Project is automatically in non-compliance. | | | Y | N | N/A |
|--|--|--|--|--------------------------|--------------------------|--------------------------|
| * 1.1 Have all appropriate permits and approvals been obtained (SHA/Contractor)? | | | | <input type="checkbox"/> | <input type="checkbox"/> | |
| * 1.2 Are specified LOD, wetlands, buffers, jurisdictional waters, floodplains and/or tree protection areas demarcated and disturbed areas contained within the LOD (active work areas)? | | | | <input type="checkbox"/> | <input type="checkbox"/> | |
| * 1.3 Is the project in conformance with the E&S plan, schedules and contract documents? | | | | <input type="checkbox"/> | <input type="checkbox"/> | |
| 1.3.1 Are sediment controls in place prior to disturbing areas of intended control? | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.3.2 Are controls removed with QA program approval? | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.4 Have all changes been approved to date including stream crossings/diversions? | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.5 Have approved changes been implemented? | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.6 Are the ESCM duties in compliance with specification 308.03.03? | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.7 Are stockpiles/staging/waste areas approved? | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.8 Is grading limited to maximum grading unit? | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.9 Are roadways clear of sediment? | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.10 Are contractors daily reports are up to date and reviewed by the SHA inspector? | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.11 Are the contractor operations in sequence with the approved plan? | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.12 Is the SWM as-built inspector on-site during the construction stages of SWM BMP's? | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.13 Have the as-built plans been accepted and construction completed prior to NOT submission associated with NPDES | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| NPDES - The following question are also applicable when the project has 1 acre or more of disturbance | | | | | | |
| 1.14 Is trash/litter from work area contained to prevent discharge to surface waters? | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.15 Are washout facilities (concrete, paint, etc.) clearly marked, maintained and wash water properly contained? | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.16 Are fuel containers and vehicle maintenance areas free of spills, leaks or any other deleterious material? | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.17 Are materials that are potential stormwater contaminants stored inside or under cover? | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.18 Is there evidence of the discharge of significant amounts of sediment to surface waters, or conveyance systems leading to surface waters? | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.19 Have required notifications (to MDE) been complied with? (Triggering Event, Upset, Bypass) | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Definition of significant amount of sediment A discharge of significant amounts of sediment may be indicated by (but is not limited to) observations of the following. Note whether any are observed during this inspection:

1. Earth slides or mud flows
2. Concentrated flows of stormwater such as rills, rivulets or channels that cause erosion when such flows are not filtered, settled or otherwise treated to remove sediment
3. Turbid flows of stormwater that are not filtered, settled or otherwise treated to reduce turbidity
4. Deposits of sediment at the construction site in areas that drain to unprotected stormwater inlets or catch basins that discharge directly to surface waters
5. Deposits of sediment from the construction site on public or private streets outside of the permitted construction activity
6. Deposits of sediment from the construction site on any adjacent property outside of the permitted construction activity
7. Discharges from the construction site to municipal conveyances, curbs and gutters, or streams running through or along the site where visual observations show that the discharges differ from ambient conditions in terms of turbidity so as to indicate significant amounts of sediment present in them

Project Engineer / Inspector: _____ DATE: _____

| 2. ARE CONTROLS PROPERLY INSTALLED? | | | | 3. ARE CONTROLS PROPERLY MAINTAINED? | | | | |
|-------------------------------------|--------------------------|--------------------------|--------|--------------------------------------|--------|--------------------------|--------------------------|--------------------------|
| Y | N | N/A | 2.1 | Water Conveyance | 3.1 | Y | N | N/A |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.1.1. | Earth Dikes | 3.1.1. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.1.2. | Temporary Swales | 3.1.2. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.1.3. | Perimeter Dike/Swales | 3.1.3. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.1.4. | Diversion Fence | 3.1.4. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.1.5. | Temporary Asphalt Berm | 3.1.5. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.1.6. | Clear Water Diversion Pipe | 3.1.6. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | 2.2. | Erosion Control Devices | 3.2. | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.2.1. | Pipe Slope Drains | 3.2.1. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.2.2. | Rip-rap Inflow Protection | 3.2.2. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.2.3. | Gabion Inflow Protection | 3.2.3. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.2.4. | Stone Check Dams | 3.2.4. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.2.5. | Rock Outlet Protection | 3.2.5. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | 2.3. | Sediment Trapping Devices | 3.3. | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.3.1. | Sediment Traps | 3.3.1. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.3.2. | Sediment Basins | 3.3.2. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | 2.4. | Dewatering Practices | 3.4. | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.4.1. | Removable Pumping Station | 3.4.1. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.4.2. | Sump Pits | 3.4.2. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.4.3. | Portable Sediment Tanks | 3.4.3. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.4.4. | Dewatering Bags | 3.4.4. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | 2.5. | Filtering Practices | 3.5. | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.5.1. | Silt Fence | 3.5.1. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.5.2. | Super Silt Fence | 3.5.2. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.5.3. | Inlet Protection | 3.5.3. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.5.4. | Temporary Stone Outlet Structures | 3.5.4. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.5.5. | Temporary Gabion Outlet Structure | 3.5.5. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.5.6. | Filter Log | 3.5.6. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.5.7. | Filter Berm | 3.5.7. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | 2.6. | Grading and Stabilization | 3.6. | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.6.1. | Stabilized Construction Entrance | 3.6.1. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | 2.7. | Miscellaneous Practices | 3.7. | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.7.1. | Temp. Access Waterway Crossing | 3.7.1. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.7.2. | Dust Control | 3.7.2. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.7.3. | Onsite Concrete Washout Area | 3.7.3. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.7.4. | Maintenance of Stream Flow | 3.7.4. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | 2.8. | Special Features | 3.8. | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.8.1. | | 3.8.1. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.8.2. | | 3.8.2. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.8.3. | | 3.8.3. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2.8.4. | | 3.8.4. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| 4. IS STABILIZATION PROVIDED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS? | | Y | N | N/A |
|--|--|--------------------------|--------------------------|--------------------------|
| 4.1 Is stabilization provided as specified? | | | | |
| 4.1.1. Temporary mulch or substituted matting - in accordance with Comar 26.17.01.07 (B) (6) (f) | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.1.2. Temporary stabilization - in accordance with Comar 26.17.01.07 (B) (6) (f) | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.1.3. Permanent stabilization - in accordance with Comar 26.17.01.07 (B) (6) (f) | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.1.4. Stabilization matting called for by plan | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.1.5. Sod | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.1.6. Stone | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.1.7. Other | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.2 Is stabilization provided in the specified time frame? | | | | |
| 4.2.1 Same day stabilization | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.2.2 3-7 day stabilization | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.2.3. Other | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.3 Is incremental stabilization provided during construction? | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.4 Is the stabilization performing as specified? | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.5 Is vegetation being established? | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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