



**GENERAL NOTES:**

1. THE ANTICIPATED DISTURBED AREA FOR THIS PROJECT IS GREATER THAN 1 ACRE. THEREFORE THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH ALL REQUIREMENTS OF THE 2018 "GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY" (GENERAL PERMIT) AUTHORIZED UNDER MONTANA POLLUTANT DISCHARGE ELIMINATION SYSTEM.
2. THE CONTRACTOR SHALL FILL OUT AND SUBMIT ALL THE REQUIRED PAPERWORK AND PAY FEES FOR THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) TO BE IN COMPLIANCE WITH MDEQ. THE CONTRACTOR SHALL REVIEW AND HAVE AN UNDERSTANDING OF THE PLAN'S INTENT FOR PROVIDING EROSION AND SEDIMENT CONTROL.
3. LAND DISTURBING ACTIVITY SHALL NOT COMMENCE UNTIL APPROVAL/PERMIT HAS BEEN GIVEN BY MDEQ.
4. THIS EROSION CONTROL PLAN IS TO BE USED AS A GUIDE. IT IS THE SWPPP ADMINISTRATOR'S DUTY TO MODIFY OR UPDATE THE EROSION CONTROL PLAN TO MATCH THE SWPPP NARRATIVE AND THE ACTUAL BMPs INSTALLED ON-SITE AT ALL TIMES UNTIL THE NOTICE OF TERMINATION (NOT) FORM IS SUBMITTED TO MDEQ.
5. EVALUATE SUITABILITY OF GRAVEL CONSTRUCTION ENTRANCE PROTECTION. IF ARRANGEMENT SHOWN ON THIS SHEET IS NOT SUITABLE, AN ALTERNATE METHOD SHALL BE APPROVED BY ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION.
6. CONTRACTOR TO PREVENT UNTREATED RUNOFF FROM LEAVING THE SITE. ADDITIONAL BMPs MAY BE NECESSARY.
7. CONTRACTOR TO PREVENT POLLUTING THE AIR WITH DUST AND PARTICULATE MATTER. PROVIDE WATER FOR DUST CONTROL AS NECESSARY.
8. THE CONTRACTOR IS TO BE RESPONSIBLE FOR INSTALLING, INSPECTING, MAINTAINING, PRESERVING AND EVALUATING THE PERFORMANCE OF ALL EROSION CONTROL MEASURES.
9. THE CONTRACTOR IS TO BE RESPONSIBLE FOR PERFORMING ALL MONITORING, REPORTING, AND RECORDS RETENTION REQUIREMENTS PER PART 2.3 OF THE GENERAL PERMIT. THIS INCLUDES, BUT MAY NOT BE LIMITED TO ATTACHMENT B- SELF INSPECTION FORM.
10. THE CONTRACTOR MUST HAVE ON-SITE AT ALL TIMES AND IMMEDIATELY AVAILABLE DURING CONSTRUCTION THE FOLLOWING: 1) COPY OF THE 2018 GENERAL PERMIT, 2) A COPY OF THE COMPLETED NOTICE OF INTENT (NOI) FORM, 3) A COPY OF THE NOI RECEIPT CONFIRMATION LETTER FROM THE DEPARTMENT OF ENVIRONMENTAL QUALITY, 4) A LIST OF POTENTIAL POLLUTANT SOURCES AND BMP SELECTION FOR EACH, 5) AN UP TO DATE COPY OF THE SWPPP INCLUDING MAP DOCUMENTING ANY FIELD CHANGES, 6) BMP INSTALLATION AND DESIGN STANDARDS FOR ALL BMPs INSTALLED AND DETAILED IN THE SWPPP, 7) SELF INSPECTION RECORDS, 8) ALL REPORTS OF NON-COMPLIANCE.
11. CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY AND ALL DAMAGES AND/OR FINES THAT MAY RESULT FROM RUNOFF FROM THIS SITE PRIOR TO FINAL STABILIZATION.
12. CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN ALL EROSION CONTROL MEASURES THROUGHOUT THE WARRANTY PERIOD, AND UNTIL FINAL STABILIZATION OF THE SITE IS REACHED AS DEFINED IN THE CONSTRUCTION GENERAL PERMIT PART 3.8. THE CONTRACTOR IS THEN RESPONSIBLE FOR REMOVING EROSION CONTROL MEASURES AND SUBMITTING THE NOT TO MDEQ AND PROVIDING A COPY, ALONG WITH THE NOT RECEIPT LETTER FROM MDEQ, TO THE PROJECT ENGINEER AND CITY OF MISSOULA.
13. ALL DISTURBED AREAS SHALL BE SEED OR PAVED WITHIN 14 DAYS OF FINAL GRADING. SHOULD CONSTRUCTION OF AN AREA STOP FOR LONGER THAN 14 DAYS, THE AREA SHOULD BE TEMPORARILY SEED OR STABILIZED IN ANOTHER ACCEPTABLE MANNER.
14. CONTRACTOR SHALL DESIGNATE THE LOCATION OF ALL DUMPSTERS, FUELING/MAINTENANCE AREAS, AND PORTABLE TOILETS. PORTABLE TOILETS TO BE SECURED TO GROUND TO PREVENT TIPPING/SPILLING.
15. CONSTRUCTION TRASH/LITTER MUST BE THOROUGHLY CLEANED-UP AND PROPERLY DISPOSED OF ON A DAILY BASIS.
16. CONTRACTOR TO PREVENT CONSTRUCTION SEDIMENT AND DEBRIS FROM ENTERING EXISTING STORM DRAIN INLETS AND OTHER STORM WATER FACILITIES.
17. CONTRACTOR TO PROVIDE PROPER MATERIAL AND EQUIPMENT MANAGEMENT AND STORAGE, AND WASTE LOCATION ONSITE OR PROVIDE OFFSITE DISPOSAL.
18. CONTRACTOR MUST PROVIDE SWPPP REPORTING DOCUMENTS TO ENGINEER AT END OF PROJECT. ENGINEER IS REQUIRED TO SUBMIT ALL SWPPP DOCUMENTS TO CITY ENGINEERING AT AS-BUILT STAGE.

**KEY NOTES (THIS SHEET):**

1. CONTRACTOR MUST LIMIT SEDIMENT TRACKING ONTO PUBLIC AND PRIVATE STREETS. CONTRACTOR RESPONSIBLE FOR REMOVING ANY SEDIMENT TRACKED ONTO HARD SURFACES DURING CONSTRUCTION. CONTRACTOR TO STREET SWEEP AS NECESSARY.
2. INSTALL TRACK PADS TO PREVENT SEDIMENT TRACK-OUT PRIOR TO STARTING MAJOR EXCAVATION WORK. IF SHOWN LOCATIONS ARE NOT SUITABLE THIS PLAN MUST BE UPDATED WITH THE NEW LOCATION(S). SEE DETAIL SHEET.
3. CONTRACTOR TO INSTALL THE APPROPRIATE FILTERS OR WITCH'S HATS AT INLETS PER THE DETAIL SHEET. NOTE: INLET PROTECTION MAY NOT BE SHOWN AT ALL INLETS THAT REQUIRE IT. SWPPP ADMINISTRATOR TO EVALUATE SITE AND IDENTIFY ADDITIONAL INLETS THAT ARE DOWNSTREAM OF CONSTRUCTION AND NEED INLET PROTECTION. UPDATE PLANS WITH ANY ADDITIONAL INLETS THAT HAVE INLET PROTECTION.
4. PROVIDE CONCRETE WASHOUT AREA DURING ALL PHASES OF CONSTRUCTION. IF SHOWN LOCATION IS NOT SUITABLE THIS PLAN MUST BE UPDATED WITH THE NEW LOCATION(S). SEE DETAIL SHEET.
5. PROVIDE MATERIAL STORAGE AND PORTABLE TOILET AREA. IF SHOWN LOCATIONS ARE NOT SUITABLE THIS PLAN MUST BE UPDATED WITH THE NEW LOCATIONS(S).
6. EXAMPLE SOIL STOCKPILE LOCATIONS (ACTUAL LOCATIONS DETERMINED BY CONTRACTOR). TEMPORARILY STABILIZE ALL SOIL STOCKPILES WITH THE USE OF EROSION CONTROL BLANKET OR PLASTIC LAID OVER THE STOCKPILE OR INSTALL A V-DITCH AND BERM AROUND THE PERIMETER OF THE STOCKPILE SET A MINIMUM OF 5 FEET FROM THE TOE OF THE PILE. UPDATED PLAN WITH STOCKPILE LOCATIONS AS THEY CHANGE.
7. AS NEEDED, INSTALL STRAW WATTLE OR SILT FENCE AT CURB CUTOUTS TO MINIMIZE EROSION INTO SWALES AND DETENTION FACILITIES PRIOR TO FINAL SITE STABILIZATION.
8. INSTALL SILT FENCE PER DETAIL SHEET AROUND PERIMETER OF DISTURBED SITE WHERE STORM WATER MAY TEMPORARILY RUNOFF ONTO ADJOINING PROPERTY TO FILTER SEDIMENT.
9. LIMIT EARTH DISTURBING ACTIVITIES NEAR THE BOUNDARY OF THE SITE TO PRESERVE EXISTING VEGETATION AND PROVIDE VEGETATIVE BUFFER. IF SLOPES STEEPER THAN 3:1 ARE DISTURBED, SURFACE ROUGHEN AND TEMPORARILY SEED.
10. GRADE SITE TO DRAIN INTERNALLY. USE BACK OF EXISTING CURB OR SIDEWALK AS BARRIER TO PREVENT STORM WATER RUNOFF FROM LEAVING THE SITE.
11. INSTALL COMPACTED EARTHEN BERM NEAR THE PERIMETER OF THE SITE TO PREVENT UNTREATED STORM WATER FROM FLOWING OFF-SITE.
12. INSTALL PROPOSED SWALE (SEE GRADING PLAN) AT THE START OF THE PROJECT TO HELP MINIMIZE UNTREATED STORM WATER FROM LEAVING THE SITE. PRIOR TO COMPLETION OF THE PROJECT, RE-EVALUATE SWALE AND RECONSTRUCT IF NECESSARY.

**EROSION CONTROL LEGEND**

- LIMITS OF CONSTRUCTION
- CONSTRUCTION ENTRANCE
- COMPACTED EARTHEN BERM
- SILT FENCE
- STRAW WATTLE
- INLET PROTECTION
- SOIL STOCKPILE



**50% SCHEMATIC DESIGN**  
 PLOTTED: 8/11/20  
 SAVED: 8/11/20

**EROSION CONTROL PLAN**  
**TRINITY MISSOULA MULLAN SITE**  
**MISSOULA, MONTANA**

REVISIONS:		
NO.	DESCRIPTION	DATE

PROJECT: 19-11-19  
 LAYOUT: C5.0  
 SURVEYED: ...  
 DESIGN: KB  
 DRAFT: EDI  
 APPROVE: ...  
 DATE: JULY 2020

SHEET **C5.0**

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