

8. SIGN & NOTICE POSTINGS:

ALL SITE OPERATORS SHALL CERTIFY AND POST A CONSTRUCTION SITE NOTICE IN COMPLIANCE WITH PART II.D.2 AND PART II.D.3 OF THE TPDES GENERAL PERMIT NUMBER TXR150000.

ON SMALL PROJECT SITES WITH ONE TO LESS THAN FIVE ACRES OF DISTURBANCE, THE CONTRACTOR MUST POST CERTIFIED CONSTRUCTION SITE NOTICE(S) IN A LOCATION WHERE IT IS SAFELY AND READILY AVAILABLE FOR VIEWING BY THE GENERAL PUBLIC, LOCAL, STATE, AND FEDERAL AUTHORITIES, PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES, AND MAINTAIN THE NOTICE IN THAT LOCATION UNTIL COMPLETION OF THE CONSTRUCTION ACTIVITY. IF THERE IS NO LOCATION TO STORE THE SWP3 AT THE SITE, THE CONSTRUCTION SITE NOTICE MUST IDENTIFY THE LOCATION WHERE A SWP3 CAN BE READILY OBTAINED FOR VIEWING ALONG WITH CONTACT INFORMATION.

ON LARGE PROJECT SITES WITH 5 OR MORE ACRES OF DISTURBANCE, THE CONSTRUCTION SITE NOTICE(S) MUST BE POSTED NEAR THE MAIN ENTRANCE OF THE CONSTRUCTION SITE IN A LOCATION WHERE IT IS SAFELY AND READILY AVAILABLE FOR VIEWING PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES, AND MAINTAIN THE NOTICE IN THAT LOCATION UNTIL COMPLETION OF THE CONSTRUCTION ACTIVITY. THE CONSTRUCTION SITE NOTICE SHALL CONTAIN THE INFORMATION BELOW:

- (A) SITE-SPECIFIC TPDES AUTHORIZATION NUMBER FOR THE PROJECT IF ASSIGNED.
(B) OPERATOR NAME, CONTACT NAME AND CONTACT PHONE NUMBER.
(C) BRIEF DESCRIPTION OF THE PROJECT.
(D) LOCATION OF THE SWP3 ON OR OFF-SITE.

LINEAR CONSTRUCTION SITES SHALL POST CONSTRUCTION SITE NOTICE IN A PUBLICLY ACCESSIBLE LOCATION NEAR WHERE CONSTRUCTION IS ACTIVELY UNDERWAY. NOTICE FOR THESE LINEAR SITES MAY BE RELOCATED, AS NECESSARY, ALONG THE LENGTH OF THE PROJECT. THE NOTICE MUST BE READILY AVAILABLE FOR VIEWING BY THE GENERAL PUBLIC, LOCAL, STATE, AND FEDERAL AUTHORITIES, AND CONTAIN ALL INFORMATION REQUIRED ABOVE.

9. EROSION AND SEDIMENT CONTROLS:

REFER TO THE SWP3 LAYOUT PLAN AND DETAILS FOR A DESCRIPTION OF THE BMPs THAT WILL BE USED TO RETAIN SEDIMENT ON-SITE. REFER TO THE SITE AND OR PROJECT DESCRIPTION DATA IN THESE NOTES FOR A GENERAL TIMING OR SEQUENCE FOR IMPLEMENTATION. ALL EROSION AND SEDIMENT CONTROLS IMPLEMENTED SHALL COMPLY WITH THE REQUIREMENTS AND EFFLUENT GUIDELINES PROVIDED IN PART III.G OF THE TPDES GENERAL PERMIT TXR150000.

EROSION CONTROL FACILITIES SHALL BE INSTALLED AND MAINTAINED ON THE SITE DURING ALL PHASES OF CONSTRUCTION UNTIL PAVING IS COMPLETE AND VEGETATION ESTABLISHED ON OPEN AREAS. THE METHODS AND SEQUENCE OF IMPROVEMENTS AS DESCRIBED HEREIN SHALL BE CONSIDERED MINIMUM IMPROVEMENTS. THE CONTRACTORS SEQUENCE OF CONSTRUCTION AND WEATHER CONDITIONS MAY DICTATE CONSTRUCTION OF DIFFERENT STORM WATER MANAGEMENT FACILITIES. COORDINATE WITH THE ENGINEER IF SUBSTANTIALLY DIFFERENT METHODS AND FACILITIES ARE ANTICIPATED AT ANY TIME DURING CONSTRUCTION.

TECHNIQUES TO BE USED: TECHNIQUES TO BE USED SHALL BE AS INDICATED BY THE STORM WATER POLLUTION PREVENTION PLAN AND DETAILS. THE GOALS FOR CONTROLLING EROSION SHALL COMPLY WITH THIS PLAN AND SPECIFICATIONS AND SHALL INCLUDE THE FOLLOWING:

- A. WHERE FEASIBLE AND COST EFFECTIVE DIVERT UPSLOPE WATER AROUND DISTURBED AREAS.
B. CONTROL STORMWATER VOLUME AND VELOCITY WITHIN THE SITE TO MINIMIZE SOIL EROSION.
C. WHERE STORMWATER WILL BE CHANNELIZED ON THE SITE, STORMWATER CONTROLS MUST CONTROL BOTH PEAK FLOW RATES AND TOTAL STORMWATER VOLUME TO MINIMIZE EROSION AT OUTLETS AND DOWNSTREAM CHANNEL / STREAM BANK EROSION.
D. MINIMIZE THE AMOUNT OF DISTURBED AREAS EXPOSED TO THE SHORTEST DURATION POSSIBLE.
E. MINIMIZE THE DISTURBANCE OF STEEP SLOPES.
F. MINIMIZE THE SEDIMENT DISCHARGES FROM THE SITE BY STABILIZATION OR STRUCTURAL METHODS TO ADDRESS FACTORS SUCH AS THE AMOUNT, FREQUENCY, INTENSITY AND DURATION OF PRECIPITATION, THE NATURE OF RESULTING STORMWATER RUNOFF, AND SOIL CHARACTERISTICS.
G. IF EARTH DISTURBANCE ACTIVITIES ARE LOCATED IN CLOSE PROXIMITY TO A SURFACE WATER, WHERE FEASIBLE, PROVIDE AND MAINTAIN APPROPRIATE NATURAL BUFFERS AROUND THE SURFACE WATERS. IF NATURAL BUFFERS ARE NOT FEASIBLE, PERMITTEE SHALL DOCUMENT THE REASON IN THE SWP3 AND SHALL IMPLEMENT ADDITIONAL EROSION AND SEDIMENT CONTROLS TO REDUCE SEDIMENT LOAD. STORMWATER CONTROL FEATURES (i.e. STORMWATER CONVEYANCE CHANNELS, STORM DRAIN INLETS, SEDIMENT BASINS) DO NOT CONSTITUTE "SURFACE WATERS" REQUIRING A BUFFER.
H. PRESERVE NATIVE TOPSOIL AT THE SITE.
I. MINIMIZE SOIL COMPACTION IN POST-CONSTRUCTION PERVIOUS AREAS. IN AREAS OF THE CONSTRUCTION SITE WHERE FINAL VEGETATIVE STABILIZATION WILL OCCUR OR WHERE INFILTRATION PRACTICES WILL BE INSTALLED, EITHER:
1) RESTRICT VEHICLE AND EQUIPMENT USE TO AVOID SOIL COMPACTION, OR
2) PRIOR TO SEEDING OR PLANTING AREAS OF EXPOSED SOIL THAT HAVE BEEN COMPACTED, USE TECHNIQUES THAT CONDITION THE SOILS TO SUPPORT VEGETATIVE GROWTH.

THE CONTRACTOR SHALL MAINTAIN ALONG WITH THE SIGNED EFFECTIVE COPY OF SWP3 DRAWINGS AN UPDATEABLE LIST IDENTIFYING GOOD HOUSEKEEPING PRACTICES IMPLEMENTED TO LIMIT THE OFF-SITE TRANSPORT OF LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION MATERIALS.

10. STABILIZATION PRACTICES:

REFER TO THE SWP3 LAYOUT PLAN FOR A DESCRIPTION OF INTERIM AND PERMANENT STABILIZATION PRACTICES FOR THE SITE, INCLUDING A SCHEDULE OF WHEN THE PRACTICES WILL BE IMPLEMENTED.

STABILIZATION PRACTICES SHALL INCLUDE THE FOLLOWING:

- A. PRESERVE EXISTING VEGETATION WHERE POSSIBLE.
B. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED IMMEDIATELY ON PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY CEASED AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. STABILIZATION MEASURES THAT PROVIDE PROTECTIVE COVER MUST BE INITIATED IMMEDIATELY ON PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED. THE TERM IMMEDIATELY AS DEFINED HEREIN MEANS NO LATER THAN THE END OF THE NEXT WORK DAY FOLLOWING THE DAY WHEN EARTH-DISTURBING ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED EXCEPT AS PROVIDED IN PART III.F.2(b)(iii)(A) TO III.F.2(b)(iii)(D) OF THE TPDES GENERAL PERMIT TXR150000.
C. PERMANENT STABILIZATION TECHNIQUES SHALL BE AS IDENTIFIED ON THE PLANS. INTERIM STABILIZATION METHODS MAY INCLUDE TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, GEOTEXTILES, SOD STABILIZATION, VEGETATION BUFFER STRIPS, PRESERVATION OF MATURE VEGETATIVE BUFFER STRIPS, AND OTHER APPROPRIATE MEASURES. IF CLEARING OF TREES OCCURS ON THE SITE AND MULCHING IS TO BE USED, THE CONTRACTOR MUST CONTACT THE PROJECT ENGINEER TO CONSIDER FEASIBLE AREAS WHERE MULCH CAN BE USED FOR TEMPORARY EROSION CONTROL.

THE CONTRACTOR SHALL MAINTAIN ALONG WITH THE SIGNED EFFECTIVE COPY OF THE SWP3 A RECORD OF THE DATES OF MAJOR GRADING ACTIVITIES, THE DATES CONSTRUCTION IS TEMPORARILY OR PERMANENTLY CEASED, AND THE DATES STABILIZATION MEASURES ARE INITIATED.

11. STRUCTURAL CONTROL PRACTICES:

REFER TO THE SWP3 LAYOUT PLAN AND DETAILS FOR A DESCRIPTION, ENGINEERING CALCULATIONS AND SPECIFIC LOCATION OF ANY STRUCTURAL CONTROL PRACTICES USED TO DIVERT FLOWS AWAY FROM EXPOSED SOILS, TO LIMIT THE CONTACT OF RUNOFF WITH DISTURBED AREAS, OR TO LESSEN THE OFF-SITE TRANSPORT OF ERODED SOILS.

12. PERMANENT STORM WATER CONTROLS:

REFER TO THE SWP3 LAYOUT PLAN AND DETAILS FOR A DESCRIPTION AND SPECIFIC LOCATION OF ANY MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORM WATER DISCHARGES THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED.

13. OTHER CONTROLS:

- A. MATERIAL STORAGE: STORE ONLY ENOUGH OF A MATERIAL TO DO THE JOB. KEEP MATERIALS IN ORIGINAL CONTAINER IF POSSIBLE. WHEN NOT POSSIBLE, ORIGINAL LABEL SHALL BE KEPT WITH THE PRODUCT. CONTRACTOR SHALL MAINTAIN ALONG WITH THE EFFECTIVE COPY OF SWP3 DRAWINGS AN UPDATEABLE LIST OF ALL MATERIALS TO BE STORED ON-SITE, AND A DESCRIPTION OF THE LOCATION.
B. FUEL & EQUIPMENT MAINTENANCE AND STORAGE: WHERE FUELS ARE STORED, MAINTENANCE OF EQUIPMENT AND LUBRICATING MAINTENANCE ARE PROVIDED ON THE SITE, THE AREA (FUELING OR LUBRICATING) SHALL CONTAIN A MINIMUM 18" BERM AND PLASTIC COVER TO PREVENT STORM WATER FROM CARRYING PETRO CHEMICAL PRODUCTS INTO STORM WATER OR SOILS. VEHICLES ARE TO RECEIVE REGULAR PREVENTIVE MAINTENANCE. IF LOCATION IS PAVEMENT, A 6" HIGH TEMPORARY CONCRETE CURB MAY BE PLACED AROUND THE FUEL SITE IN LIEU OF EARTHEN BERM.
C. PROVIDE COVERED PROTECTED AREAS FOR STORAGE OF CHEMICALS, PAINTS, SOLVENTS, FERTILIZERS, AND OTHER POTENTIALLY TOXIC MATERIALS SUCH THAT MATERIALS ARE NOT IN CONTACT WITH STORM WATER. MATERIALS SHALL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY MANUFACTURER.
D. IF PUBLIC SANITARY FACILITIES ARE NOT AVAILABLE, PROVIDE SELF CONTAINED SANITARY FACILITIES AT THE CONSTRUCTION SITE FOR COLLECTION OF HUMAN WASTE. MAINTAIN FACILITIES AT REGULAR INTERVAL TO PREVENT OVERFLOW.
E. VEHICLE TRACKING: CONSTRUCTION WILL BE ACCESSED FROM DATA DR. ADJACENT TO THE SITE. THE EXACT LOCATION SHALL BE CONFIRMED BY OWNER. ACCESS POINT SHOULD BE IN CONFORMANCE WITH THE CONSTRUCTION ENTRANCE SHOWN ON THE SWP3 EROSION CONTROL PLAN SHEET No. E101.
F. DUST CONTROL: THE DISTURBED AREAS ON SITE SHALL BE REGULARLY WATERED DURING DRY PERIODS TO PREVENT DUST LEAVING THE SITE.
G. DISCHARGES FROM DEWATERING ACTIVITIES, INCLUDING DISCHARGES FROM DEWATERING TRENCHES AND EXCAVATIONS ARE PROHIBITED, UNLESS MANAGED BY APPROPRIATE CONTROLS.

14. THE CONTRACTOR SHALL PERFORM CONSTRUCTION OPERATIONS IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES TO CONTROL POLLUTANTS IN STORM WATER DISCHARGES DURING CONSTRUCTION. THE CONTRACTOR SHALL CONFORM TO THE APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS TO CONTROL STORM WATER POLLUTANTS, AND TO CONTROL EROSION AND SEDIMENT FROM LEAVING THE SITE, INCLUDING DUST AND LITTER CONTROL. TRASH RECEPTACLES SHALL BE PROVIDED ON-SITE AND EMPTIED AT REGULAR INTERVALS.

15. THE CONTRACTOR SHALL LIMIT THE AREAS DISTURBED ON THE PROJECT SITE TO THE AREA NECESSARY FOR CONSTRUCTION OF THE PROPOSED IMPROVEMENTS. THE CONTRACTOR SHALL PREVENT PERSONNEL, SUPPLIERS, AND SUBCONTRACTORS FROM DISTURBING AREAS OUTSIDE OF DESIGNATED CONSTRUCTION AREAS.

16. TECHNICAL BASIS USED:

THE CONTRACTOR SHALL UTILIZE THE LATEST COPY OF THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENT'S STORM WATER MANAGEMENT HANDBOOK AS A GUIDE FOR THE PROPOSED STORM WATER MANAGEMENT FACILITIES AND TECHNIQUES. THE CONTRACTOR SHALL USE THE DETAILS PROVIDED FOR BUILDING THE SPECIFIED EROSION & SEDIMENTATION CONTROL STRUCTURES. THE CONTRACTOR SHALL ALSO REFER TO CONTRACT DOCUMENTS FOR TECHNICAL EVALUATION OF THESE STRUCTURES. IF SUCH STRUCTURES DO NOT MEET STANDARDS, THE ENGINEER SHALL BE CONTACTED IMMEDIATELY AND THE SITUATION REMEDIED. CALL (817) 640-3300 FOR MORE INFORMATION PERTAINING TO THE ABOVE REFERENCED HANDBOOK.

17. MAINTENANCE:

MAINTENANCE OF EROSION CONTROL FACILITIES SHALL CONSIST OF THE MINIMUM REQUIREMENTS AS FOLLOWS:

- A. IN ONGOING CONSTRUCTION AREAS INSPECT EROSION CONTROL IMPROVEMENTS TO CONFIRM FACILITIES ARE IN PLACE AND OPERABLE. WHERE FACILITIES HAVE BEEN TEMPORARILY SET ASIDE OR DAMAGED DUE TO CONSTRUCTION ACTIVITY, PLACE FACILITIES IN SERVICE BEFORE LEAVING JOB SITE.
B. IF WEATHER FORECAST PREDICTS POSSIBILITY OF RAIN, CHECK ENTIRE FACILITIES THROUGHOUT SITE TO ASSURE FACILITIES ARE IN PLACE AND OPERABLE. IF JOB SITE WEATHER CONDITIONS INDICATE HIGH PROBABILITY OF RAIN, MAKE SPECIAL INSPECTION OF EROSION CONTROL FACILITIES.
C. AFTER RAINFALL EVENTS REVIEW EROSION CONTROL FACILITIES AS SOON AS SITE IS ACCESSIBLE. CLEAN INLET PROTECTION, SILT PONDS, ROCK BERMS, BERM/SWALES AND OTHER STRUCTURAL FACILITIES. DETERMINE WHERE ADDITIONAL FACILITIES OR ALTERNATIVE TECHNIQUES ARE NEEDED TO CONTROL SEDIMENT LEAVING SITE.
D. AFTER PORTIONS OF SITE HAVE BEEN SEEDED, REVIEW THESE AREAS ON REGULAR BASIS IN ACCORDANCE WITH PROJECT SPECIFICATIONS TO ASSURE PROPER WATERING UNTIL GRASS IS ESTABLISHED. RESEED AREAS WHERE GRASS IS NOT WELL ESTABLISHED.
E. SPILLS ARE TO BE HANDLED AS SPECIFIED BY THE MANUFACTURER OF THE PRODUCT IN A TIMELY SAFE MANNER BY PERSONNEL. THE SITE SUPERINTENDENT WILL BE RESPONSIBLE FOR COORDINATING SPILL PREVENTION AND CLEANUP OPERATIONS.
F. CONCRETE TRUCKS WILL DISCHARGE EXTRA CONCRETE OR WASH OUT DRUM ONLY AT AN APPROVED LOCATION ON SITE WHERE STRUCTURAL CONTROLS HAVE BEEN ESTABLISHED TO PREVENT DIRECT DISCHARGE TO SURFACE WATERS. DIRECT DISCHARGE OF CONCRETE TRUCK WASH OUT WATER TO SURFACE WATER IN THE STATE, INCLUDING DISCHARGE TO STORM SEWERS, IS PROHIBITED. RESIDUAL PRODUCT SHALL BE PROPERLY DISPOSED OF.
G. INSPECT VEHICLE ENTRANCE AND EXITS FOR EVIDENCE OF OFF-SITE TRACKING AND CORRECT AS NEEDED.
H. VEHICLE WASH AREAS WILL BE INSPECTED TO INSURE PROPER DRAINAGE AND MAINTENANCE.
I. REMOVE SEDIMENT FROM TRAPS/PONDS NO LATER THAN WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50%.
J. IF SEDIMENT ESCAPES THE SITE, THE CONTRACTOR WHERE FEASIBLE AND WHERE ACCESS IS AVAILABLE SHALL COLLECT AND REMOVE SEDIMENTATION MATERIAL BY APPROPRIATE NON-DAMAGING METHODS. ADDITIONALLY, THE CONTRACTOR SHALL CORRECT THE CONDITION CAUSING DISCHARGES.
K. IF INSPECTIONS OR OTHER INFORMATION SOURCES REVEAL A CONTROL HAS BEEN USED INCORRECTLY, OR THAT A CONTROL IS PERFORMING INADEQUATELY, THE CONTRACTOR MUST REPLACE, CORRECT OR MODIFY THE CONTROL AS SOON AS PRACTICAL AFTER DISCOVERY OF THE DEFICIENCY.

18. INSPECTION:

INSPECTIONS SHALL BE CONDUCTED BY QUALIFIED REPRESENTATIVES OF THE CONTRACTOR ACTING ON BEHALF OF THE OWNER OR A DESIGNATED PARTY IF HIRED SEPARATELY BY THE OWNER. EACH OPERATOR MUST DELEGATE AUTHORITY TO THE SPECIFICALLY DESCRIBED POSITION OR PERSON PERFORMING INSPECTIONS, AS PROVIDED BY 30 TAC §305.128, AS AN AUTHORIZED PERSON FOR SIGNING REPORTS AND PERFORMING CERTAIN ACTIVITIES REQUESTED BY THE DIRECTOR OR REQUIRED BY THE TPDES GENERAL PERMIT. THIS DELEGATION OF AUTHORITY MUST BE PROVIDED TO THE DIRECTOR OF TCEQ IN WRITING AND A COPY SHALL BE KEPT ALONG WITH THE signed EFFECTIVE COPY OF THE SWP3.

INSPECTIONS MUST COMPLY WITH ONE OF THE TWO OPTIONS AS FOLLOWS:

OPTION A: AN INSPECTION SHALL OCCUR AT LEAST ONCE EVERY FOURTEEN (14) CALENDAR DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT OF GREATER THAN 0.5 INCHES.

OPTION B: AN INSPECTION SHALL OCCUR AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS. THE INSPECTION MUST OCCUR REGARDLESS OF WHETHER OR NOT THERE HAS BEEN A RAINFALL EVENT SINCE THE PREVIOUS INSPECTION.

THE AUTHORIZED PARTY SHALL INSPECT ALL DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED, AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION, DISCHARGE LOCATIONS, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

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SEAL ID:

DATE:

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CLIENT PROJECT NO: 00-0000-00

Table with 2 columns: NO., DATE, SUBJECT, REVISION OR ISSUE. Row 1: 1, XXVXX, X, REVISION NAME

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PROJECT MANAGER: JUSTIN BOSWORTH, P.E.
DESIGNED: JUSTIN BOSWORTH, P.E.
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