

EROSION AND SEDIMENT CONTROL NOTES

REQUIRED NOTES ON ALL PLANS

EROSION AND SEDIMENT CONTROL SHOWN ON THIS SHEET ASSUMES STREET, CURB, GUTTER AND STORM DRAINS ARE COMPLETED PRIOR TO RAINS. PROJECT ENGINEER SHALL PREPARE INTERIM DRAINAGE AND EROSION AND SEDIMENT CONTROL PLAN BASED ON WINTER CONDITIONS FOR CITY APPROVAL PRIOR TO CONTRACTOR INSTALLATION. A CURRENT EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED AND KEPT ON THE JOB SITE.

EROSION AND SEDIMENT CONTROL MEASURES SHALL BE USED TO ENSURE THAT WATER ENTERING THE STORM DRAIN SYSTEM FROM THE CONSTRUCTION SITE IS OF EQUIVALENT QUALITY AND CHARACTER AS THE WATER ABOVE THE SITE.

EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PLACED IN FRONT OF INCOMPLETE STORM DRAIN SYSTEMS TO PREVENT DEBRIS AND SEDIMENT-LADEN WATER FROM ENTERING INTO THE PUBLIC STORM DRAIN SYSTEM. BEST MANAGEMENT PRACTICES SHALL BE USED WHEN DESIGNING AND INSTALLING SUCH DEVICES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTANT MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES AT ALL TIMES TO THE SATISFACTION OF THE ENGINEER AND CITY OF SANTA ROSA AND IN ACCORDANCE WITH THE PROJECT SWPPP (IF APPLICABLE). EROSION AND SEDIMENT CONTROL MEASURES AND THEIR INSTALLATION SHALL BE ACCOMPLISHED USING BEST MANAGEMENT PRACTICES.

IF THE STORM DRAIN SYSTEM IS NOT IN PLACE BY OCTOBER 15, ADDITIONAL MEASURES SHALL BE TAKEN SUCH AS TEMPORARY SETTLING BASINS WHICH MEET THE SATISFACTION OF THE ENGINEER AND THE CITY OF SANTA ROSA. SILT AND/OR CATCH BASINS MUST BE CLEANED OUT ON A REGULAR BASIS AFTER STORMS TO MAINTAIN DESIGN CAPACITY.

STORM WATER RUNOFF FROM THE CONSTRUCTION SITE SHALL BE DIRECTED TOWARD AN INLET WITH A SEDIMENT OR FILTRATION INTERCEPTOR PRIOR TO ENTERING THE STORM DRAIN SYSTEM.

THE CONTRACTOR WILL BE RESPONSIBLE FOR CLEANING WATER THAT HAS BECOME POLLUTED DUE TO NOT TAKING NECESSARY EROSION AND SEDIMENT CONTROL ACTIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP OF MUD AND DEBRIS CARRIED ONTO SURROUNDING STREETS AND ROADS AS A RESULT OF CONSTRUCTION ACTIVITY ON THE SITE TO THE SATISFACTION OF THE CITY OF SANTA ROSA.

ANY DENUDED OR DISTURBED SOILS SHALL BE PROTECTED USING BEST MANAGEMENT PRACTICES.

PRIOR TO AND DURING A PRECIPITATION EVENT, ALL PAVED AREAS WILL BE KEPT CLEAR OF EARTH MATERIAL AND DEBRIS. THE SITE SHALL BE MAINTAINED BY THE DEVELOPER, CONTRACTOR OR OWNER SO THAT A MINIMUM OF SEDIMENT-LADEN RUNOFF LEAVES THE SITE.

THE CONTRACTOR SHALL INFORM ALL CONSTRUCTION SITE WORKERS ABOUT THE MAJOR PROVISIONS OF THE EROSION AND SEDIMENT CONTROL PLAN AND SEEK THEIR COOPERATION IN AVOIDING THE DISTURBANCE OF THESE CONTROL MEASURES.

BEST MANAGEMENT PRACTICES SHALL BE VISUALLY MONITORED ON A WEEKLY BASIS DURING THE DRY SEASON AND RECORDED IN AN INSPECTION CHECKLIST. RAIN EVENT VISUAL MONITORING SHALL BE PERFORMED WITHIN 48 HOURS PRIOR TO AN ANTICIPATED RAIN EVENT, DAILY DURING A RAIN EVENT AND WITH 48 HOURS FOLLOWING A RAIN EVENT. REMOVE SEDIMENT WHEN ACCUMULATIONS REACH 1/3 THE HEIGHT OF THE BARRIER AND REPLACE FILTER DEVICES AS NECESSARY TO ENSURE PROPER FUNCTION.

UNSTABILIZED AREAS WILL BE REPAIRED AS SOON AS POSSIBLE AFTER BEING DAMAGED.

ALL GRADED OR DISTURBED AREAS SHALL BE STABILIZED IMMEDIATELY AFTER GRADING IS COMPLETE.

ENTRANCE TO THE PROJECT SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT INTO PUBLIC RIGHT-OF-WAY. WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE OF PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED IT SHALL BE DONE IN AN AREA STABILIZED WITH CRUSHED ROCK THAT DRAINS INTO A SEDIMENT TRAP.

ALL SEDIMENT SPILLED, DROPPED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY SHALL BE REMOVED IMMEDIATELY USING BEST MANAGEMENT PRACTICES.

ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR PURPOSE SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REPAIRED OR REPLACED WHEN THEY ARE NO LONGER FUNCTIONING PER BEST MANAGEMENT PRACTICES.

THE CONTRACTOR SHALL HAVE EROSION AND SEDIMENT CONTROL MEASURES ON SITE ADEQUATE TO PROTECT THE ENTIRE SITE PRIOR TO THE OCTOBER 15 DATE SUCH THAT IT IS IMMEDIATELY AVAILABLE IN PREPARATION OF THE UPCOMING WINTER SEASON OR IN THE EVENT OF AN EARLY RAIN.

AFTER CONSTRUCTION IS COMPLETE ALL STORM DRAIN SYSTEMS ASSOCIATED WITH THIS PROJECT SHALL BE INSPECTED AND CLEARED OF ACCUMULATED SEDIMENTS AND DEBRIS.

EROSION AND SEDIMENT CONTROL NOTES

PROJECT SPECIFIC REQUIRED NOTES

ALL PROJECTS DISTURBING OR EXPOSING ONE ACRE OR MORE OF SOIL SHALL COMPLY WITH THE REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT OF STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION AND LAND DISTURBANCE ACTIVITIES (CGP), ORDER NO. 2009-0009-DWQ. DOCUMENTS AND INSTRUCTIONS CAN BE DOWNLOADED FROM:

WWW.SRCITY.ORG/STORMWATERPERMIT. THE DEVELOPER SHALL PROVIDE THE CITY WITH THE WASTE DISCHARGE IDENTIFICATION NUMBER (WDID#) OR WITH VERIFICATION THAT AN EXEMPTION HAS BEEN GRANTED BY REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) FOR PROJECTS DISTURBING OVER ONE ACRE.

ALL PROJECTS SHALL HAVE A CITY APPROVED EROSION AND SEDIMENT CONTROL PLAN OR A SWRCB STORM WATER POLLUTION PREVENTION PLAN (SWPPP) SPECIFIC FOR THE PROJECT. A COPY SHALL BE KEPT ON SITE AT ALL TIMES DURING CONSTRUCTION. THE EROSION AND SEDIMENT CONTROL PLAN OR SWPPP SHALL BE UPDATED AND KEPT CURRENT AS WORK PROGRESSES AND CONDITIONS CHANGE AND SHALL BE MADE AVAILABLE TO CITY AND SWRCB INSPECTORS WHEN REQUESTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PLACEMENT, INSPECTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES/DEVICES SPECIFIED IN THE EROSION AND SEDIMENT CONTROL PLAN UNTIL SUCH TIME THAT THE PROJECT IS ACCEPTED AS COMPLETE OR UNTIL THE NOTICE OF TERMINATION IS FILED FOR THE CONSTRUCTION GENERAL PERMIT.

THE EROSION AND SEDIMENT CONTROL PLAN SHALL EMPHASIZE SOURCE CONTROL AND ADDRESS CONTROLLING WATER AND WIND EROSION, SEDIMENTATION, TRASH AND OTHER POSSIBLE POLLUTANTS USING BEST MANAGEMENT PRACTICES (BMPS). THE PLAN SHALL REFERENCE CASQA "STORM WATER BEST MANAGEMENT PRACTICE HANDBOOK FOR CONSTRUCTION" FOR PROPER BMP SELECTION, INSTALLATION AND MAINTENANCE.

THE EROSION AND SEDIMENT CONTROL PLAN SHALL CONTAIN ALL APPLICABLE BMPs AND CONFORM TO ALL REQUIREMENTS LISTED UNDER SECTION E, PART 8 NCRWQCB ORDER NO. 2009-0050-STORM WATER NON-STORM WATER DISCHARGES FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS, REGULATION STORM WATER RUNOFF FROM THE CITY OF SANTA ROSA AT A MINIMUM. WWW.SRCITY.ORG/STORMWATERPERMIT. THE CONTRACTOR IS TO INFORM ALL CONSTRUCTION SITE WORKERS ABOUT THE MAJOR PROVISIONS OF THE EROSION AND SEDIMENT CONTROL PLAN OR SWPPP.

TRASH OR MATERIALS DEPOSITED OR TRACKED ONTO THE PUBLIC RIGHT-OF-WAY SHALL BE REMOVED DAILY.

THE EROSION AND SEDIMENT CONTROL PLAN SHALL INCLUDE A STATEMENT DESCRIBING THE LOCATION OF BMPs AND RATIONALE FOR BMP SELECTION, AS WELL AS A STATEMENT CONFIRMING THAT THE OWNER AND CONTRACTOR ARE AWARE THAT THE SELECTED BMPs MUST BE INSTALLED, MONITORED AND MAINTAINED TO ENSURE THEIR EFFECTIVENESS AND MEET COMPLIANCE WITH LOCAL CODES AND ORDINANCES.

THE CITY CONSIDERS DISCHARGES FROM CONSTRUCTION SITES WITH TURBIDITY EXCEEDING 500 NTUS HAVE INADEQUATE LEVEL OF EROSION CONTROL MEASURES/BMPs. IMMEDIATE ASSESSMENT AND CORRECTIVE ACTION IS REQUIRED TO REDUCE TURBIDITY. CONTINUED EXCEEDING TURBIDITY LEVELS WILL BE CONSIDERED A VIOLATION OF CITY ORDINANCE 17-12, PROHIBITING NON-STORM WATER DISCHARGES. ADDITIONALLY, PROJECT SUBJECT TO REGULATION BY THE CGP MAY BE OUT OF COMPLIANCE AND SUBJECT TO ENFORCEMENT ACTION BY THE SWRCB.

FAILURE TO IMPLEMENT OR MAINTAIN BMPs AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN SHALL BE CONSIDERED A POTENTIAL NON-STORM WATER DISCHARGE AND A VIOLATION OF CITY ORDINANCE 17-12.

AFTER CONSTRUCTION IS COMPLETED ALL STORM DRAIN SYSTEMS IMPACTED BY THIS PROJECT SHALL BE CLEANED OF ACCUMULATED SEDIMENT AND DEBRIS AND INSPECTED. STORM DRAIN CLEANING/FLUSHING WATER SHALL NOT BE DISCHARGED TO THE STORM DRAIN SYSTEM.

PERSON TO CONTACT 24 HOURS A DAY IN THE EVENT THERE IS AN
EROSION CONTROL/SEDIMENTATION PROBLEM (STORM WATER
COMPLIANCE OFFICER): NAME: _____
LOCAL PHONE NO. _____

HYDROSEED SHALL BE EITHER APPLIED MECHANICALLY OR BY
HYDROSEEDING. HYDROSEEDING REQUIRES THE APPLICATION OF FIBER
AND STABILIZING EMULSION. MECHANICAL APPLICATION SHALL REQUIRE
ROLLING, TAMPING, OR OTHERWISE WORKING THE SEED APPROXIMATELY
0.5 INCHES INTO THE TOPSOIL.

STABILIZATION OF EXPOSED GRADED AREAS WITH STRAW MULCH SHALL BE
APPLIED AT A RATE OF 2 TONS PER ACRE.