

**CITY OF SAN JUAN CAPISTRANO GENERAL NOTES FOR
EROSION AND SEDIMENT CONTROL – BEST MANAGEMENT PRACTICES (BMPs)
PER NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)**

IN CASE OF EMERGENCY, CALL:

AT (RESPONSIBLE PERSON)
(24-HOUR PHONE NUMBER).

THE UNDERSIGNED CIVIL ENGINEER WILL SUPERVISE EROSION CONTROL WORK AND CERTIFY THAT THE SYSTEM FUNCTIONS PROPERLY AND IS IN ACCORDANCE WITH THE APPROVED PLANS.

(SIGNATURE AND REGISTRATION NUMBER) (DATE)

1. THE DIRECTOR OF ENGINEERING & BUILDING, OR DESIGNEE, RESERVES THE RIGHT TO MAKE CHANGES OR MODIFICATIONS TO THIS PLAN AS DEEMED NECESSARY.
2. A STANDBY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. NECESSARY MATERIALS SHALL BE AVAILABLE ON SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID INSTALLATION OF TEMPORARY BMP DEVICES OR TO REPAIR ANY DAMAGED EROSION CONTROL MEASURES WHEN RAIN IS IMMINENT. DISCHARGE OF ANY MATERIAL OR LIQUID OTHER THAN STORMWATER RUNOFF, INCLUDING DEWATERING ACTIVITIES, IS CONSIDERED A POLLUTANT AND DISCHARGE INTO THE STREET, GUTTER, OR STORM DRAIN IS PROHIBITED.
3. BMP DEVICES SHALL NOT BE MOVED OR MODIFIED WITHOUT THE APPROVAL OF THE CITY ENGINEER/CITY ENGINEER OR, IN AN EMERGENCY, BY THE DESIGN CIVIL ENGINEER OR DESIGNEE.
4. THE CONTRACTOR SHALL SCHEDULE PROJECTS FOR DRY WEATHER PERIODS. ALL REMOVABLE PROTECTIVE BMPs SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE FIVE-DAY RAIN PROBABILITY FORECAST EXCEEDS 40 PERCENT. ALL PROTECTIVE DUST CONTROL AND STORMWATER BMPs SHALL BE IN PLACE AT THE END OF EACH WEEK PRIOR TO THE WEEKEND WHEN THERE IS A RAIN PROBABILITY FORECASTED OVER THE WEEKEND. FORECASTS SHALL BE RECEIVED FROM BROADCASTS PROVIDED BY THE UNITED STATES WEATHER SERVICE.

5. AFTER A RAINSTORM, ALL SILT AND DEBRIS SHALL BE REMOVED FROM CHECK BERMS AND DESILTING BASINS AND THE BASINS PUMPED DRY. ANY GRADED SLOPE SURFACE PROTECTION MEASURES DAMAGED DURING A RAINSTORM SHALL ALSO BE IMMEDIATELY REPAIRED. FAILURE TO PROVIDE EFFECTIVE MAINTENANCE MAY RESULT IN PENALTIES.
6. GRADED AREAS AROUND THE PROPERTY OR TRACT PERIMETER, IF APPLICABLE, MUST DRAIN AWAY FROM THE FACE OF SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
7. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATER CREATES A HAZARDOUS CONDITION.
8. AREAS SHALL BE MAINTAINED IN SUCH STATE THAT FIRE ACCESS SHALL BE MAINTAINED AT ALL TIMES (INCLUDING ACCESS TO NEIGHBORING PROPERTIES).
9. FAILURE TO HAVE EROSION CONTROL MEASURES INSTALLED AT THE REQUIRED TIMES WILL RESULT IN FORFEITURE OF THE CLEAN-UP AND COMPLETION DEPOSIT. WORK SHALL NOT CONTINUE UNTIL THE DEPOSIT IS REPLENISHED.
10. PLANTING FOR SLOPE PROTECTION SHALL BE ACCOMPLISHED PRIOR TO ROUGH GRADE RELEASE UNLESS A WAIVER OF THIS REQUIREMENT HAS BEEN OBTAINED FROM THE CITY ENGINEER/CITY ENGINEER.
11. ALL LOT PADS SHALL BE DESIGNED TO DRAIN TO AN ACCEPTABLE LOCATION AT A MINIMUM OF 1 PERCENT.
12. BMP DEVICES SHALL BE PROPERLY MAINTAINED IN PLACE UNTIL PROJECT COMPLETION; TORN GRAVEL BAGS SHALL BE REPLACED.
13. BUILD-UP OF SILT AROUND ANY BMPS AND/OR DESILTERS SHALL BE PERIODICALLY REMOVED TO THE SATISFACTION OF THE CITY INSPECTOR AND THE FIELD SUPERINTENDENT. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR TEMPORARY STORAGE OF EXISTING MANHOLE COVERS, IF APPLICABLE, UNTIL DESILTER USE OF MANHOLE IS COMPLETE.
14. A GUARD SHALL BE POSTED ON THE SITE WHENEVER THE DEPTH OF WATER IN ANY DEVICE EXCEEDS 18 INCHES.
15. AFTER A RAINSTORM, ALL SILT AND DEBRIS SHALL BE REMOVED FROM PUBLIC DRAINS OR PIPES, FROM DRAINS OR PIPES OF ADJACENT PROPERTIES, AND FROM ALL PUBLIC AND PRIVATE STREETS.

16. SUBSEQUENT RAINY SEASONS. FOR PROJECTS EXTENDING INTO SUBSEQUENT RAINY SEASONS, NEW TEMPORARY DRAINAGE AND EROSION CONTROL PLANS SHALL BE SUBMITTED. THESE PLANS SHALL COMPLY WITH ALL THE ABOVE MENTIONED REQUIREMENTS.

17. EROSION AND SEDIMENT CONTROL BMPS SHALL BE IN PLACE AND MAINTAINED DURING THE ENTIRE CONSTRUCTION PERIOD.

18. PROVIDE INLET CONTROL BMPS AT DOWNSTREAM CATCH BASINS A WAY TO CATCH DEBRIS FROM ENTERING CATCH BASIN AND PROVIDE PROTECTION AROUND IT DURING THE ENTIRE CONSTRUCTION PHASE (GRAVEL BAGS OR OTHER CITY APPROVED METHOD.) PROTECTION MUST BE IN PLACE AND MAINTAINED DURING THE ENTIRE CONSTRUCTION PROCESS.

19. PROVIDE PROTECTION DURING ENTIRE CONSTRUCTION PHASE AROUND ALL INLETS WHERE SOIL IS NOT STABILIZED YET WITH VEGETATION (GRAVEL BAGS OR OTHER CITY APPROVED METHOD.)

20. PROVIDE SEDIMENT TRAP AT OUTLET OF ALL PIPES, PRIOR TO ENTERING V-GUTTERS DURING ENTIRE CONSTRUCTION PHASE. RIP RAP MAY BE USED IF APPROPRIATE.

21. IF DEEMED NECESSARY BY CITY INSPECTOR, PROVIDE ADDITIONAL GRAVEL BAGS OR STRAW BALES ON-SITE, ESPECIALLY IN AREAS WITH STEEP SLOPES, TO SLOW WATER AND PROVIDE ADDITIONAL SEDIMENT CONTROL DURING ENTIRE CONSTRUCTION PHASE.

22. IF DEEMED NECESSARY BY CITY INSPECTOR, PROVIDE TWO ROW HIGH GRAVEL BAGS OR STRAW BALES ON THE SLOPE DOWNSIDE NEXT TO ANY PROPOSED SILT FENCES.

23. ALL DISTURBED SLOPES SHOULD BE STABILIZED IMMEDIATELY AFTER CONSTRUCTION (SUCH AS HYDROSEEDING, OR OTHER APPROVED MEASURES). ALL INLETS SHOULD BE PROTECTED UNTIL VEGETATION IS AT LEAST 80% ESTABLISHED.

24. STABILIZED CONSTRUCTION ENTRANCES MUST BE SET UP PRIOR TO ANY GRADING OR EARTHWORK OPERATION. CONTRACTOR SHALL MAINTAIN PROJECT ENTRANCE DURING CONSTRUCTION.

25. SAW CUTTING WATER RUNOFF: SAW CUTTING WATER RUNOFF CONTAINS POLLUTANTS THAT MUST BE CONTAINED AND DISPOSED OF PROPERLY. THE CONTRACTOR SHALL:

PREVENT SAW CUT WATER RUNOFF FROM ENTERING CATCH BASINS, MANHOLES, AND STORM DRAINS.

DIRECT WATER INTO A TEMPORARY PIT, AND DISPOSE OF THE WATER BY VACUUMING THE WATER INTO A TRUCK AND REMOVING THE WATER FROM THE SITE.

PLACE DRIP PANS OR ABSORBENT MATERIALS UNDER SAW CUTTING EQUIPMENT WHEN NOT IN USE.

CLEAN UP SPILLS WITH ABSORBENT MATERIALS RATHER THAN BURYING. DISPOSE OF ABSORBENT MATERIAL PROPERLY.

26. CONCRETE AND MORTAR PRODUCTS: THE CONTRACTOR SHALL PREVENT OR REDUCE THE DISCHARGE OF POLLUTANTS INTO STORM WATER OR STORM WATER SYSTEMS FROM CONCRETE WASTE BY CONDUCTING WASHOUTS AT APPROPRIATE OFF-SITE LOCATIONS, PERFORMING ON-SITE WASHOUTS IN A DESIGNATED AREA, AND PROVIDING APPROPRIATE TRAINING FOR EMPLOYEES AND SUBCONTRACTORS.

THE CONTRACTOR SHALL STORE AND MIX DRY AND WET MATERIALS EITHER OFF-SITE OR UNDER COVER, AWAY FROM DRAINAGE AREAS.

FOR WASHOUT OF CONCRETE TRUCKS, THE CONTRACTOR SHALL PROVIDE APPROPRIATE OFF-SITE LOCATIONS OR DESIGNATED CONTAINED AREAS AT LEAST 50 FEET AWAY FROM STORM DRAINS, OPEN DITCHES, STREETS, OR STREAMS.

THE CONTRACTOR SHALL PREVENT RUN-OFF FROM DESIGNATED WASHOUT AREAS BY CONSTRUCTING A TEMPORARY PIT OR BERMED AREA LARGE ENOUGH TO HANDLE ALL PRODUCED LIQUID AND SOLID WASTE. WHEN CONCRETE SETS, BREAK UP AND DISPOSE OF CONCRETE IN CONSTRUCTION FILLS PER DIRECTION OF THE SOILS ENGINEER OR DISPOSE OF IT AS SOLID WASTE AND/OR RECYCLE.

ALL EXCESS CONCRETE, GROUT, AND/OR MORTAR SHALL BE DISPOSED OF IN THE TRASH. DISPOSAL OF THESE ITEMS INTO THE STORM DRAIN OR THE SEWER IS PROHIBITED AND IS A VIOLATION OF CITY AND STATE REGULATIONS. WASHING EXPOSED CONCRETE, ASPHALT, OR SIMILAR TREATMENTS INTO THE STREET, GUTTER, PARKING LOT, OR STORM DRAIN IS ALSO PROHIBITED AND A VIOLATION OF CITY AND STATE REGULATIONS.

LARGE AMOUNTS OF CONCRETE OR SIMILAR MATERIAL SHALL BE RECYCLED AT A LOCAL CONSTRUCTION AND DEMOLITION RECYCLING COMPANY. FOR LOCATIONS VISIT WWW.CIWMB.CA.GOV/RECYCLE/.

THE CONTRACTOR SHALL INFORM CONCRETE SUPPLIERS AND SUBCONTRACTORS OF THE DESIGNATED WASHOUT LOCATIONS AND

DISPOSAL SITES FOR CONCRETE AND MORTAR PRODUCTS AND SHALL BE RESPONSIBLE FOR ENSURING THAT ALL WORKERS USE IT APPROPRIATELY.

27. DURING CONSTRUCTION, CONTRACTOR MUST PROVIDE ADEQUATE TRACK OUT CONTROLS AND DAILY STREET SWEEPING. (SWEEP AT END OF EVERY DAY TO PICK-UP DIRT AND/OR DEBRIS.)

28. CONSTRUCTION WATER: THE CONTRACTOR SHALL REDUCE OR ELIMINATE EXCESSIVE CONSTRUCTION WATER THAT MAY CAUSE EROSION AND CARRY POLLUTANTS FROM THE SITE. IN ADDITION, THE CONTRACTOR SHALL:

STORE CONSTRUCTION WATER IN LEAK-PROOF TANKS LOCATED AWAY FROM DRAINAGE SYSTEMS.

USE CONSTRUCTION WATER CONSERVATIVELY.

WHENEVER POSSIBLE, DISPOSE OF EXCESS WATER ON-SITE, BY ALLOWING IT TO SOAK INTO THE GROUND. CEMENT WASH WATER MAY BE PUMPED BACK INTO CEMENT MIXERS FOR REUSE OR HAULED OFF SITE AND DISPOSED OF PROPERLY.

29. ASPHALT AND BITUMINOUS PRODUCTS: THE CONTRACTOR SHALL PREVENT OR REDUCE THE DISCHARGE OF POLLUTANTS FROM ASPHALT AND BITUMINOUS OPERATIONS BY PREVENTING RUN-ON AND RUN-OFF OF WATER DURING PAVING OPERATIONS AND PROVIDING APPROPRIATE TRAINING FOR EMPLOYEES AND SUBCONTRACTORS. IN ADDITION, THE CONTRACTOR SHALL:

AVOID PRIME OR TACK COATING DURING WET WEATHER.

STORE MATERIALS AWAY FROM DRAINAGE COURSES.

COVER CATCH BASINS AND MANHOLES WHEN APPLYING SEAL COAT, TACK COAT, SLURRY SEAL, FOG SEAL, ETC.

MAKE SURE SAND OR GRAVEL PLACED OVER NEW ASPHALT DOES NOT WASH INTO STORM DRAINS, STREETS, OR CREEKS.

DISPOSE OF OLD ASPHALT PROPERLY AND COLLECT, AND REMOVE ALL BROKEN ASPHALT FROM THE SITE, AND RECYCLE WHENEVER POSSIBLE.

DO NOT DISPOSE OF ASPHALT PRODUCTS INTO WATERWAYS.

FOLLOW THE STORM WATER PERMITTING REQUIREMENTS FOR INDUSTRIAL ACTIVITIES IF PAVING INVOLVES AN ON-SITE MIXING PLANT.

30. HOUSEKEEPING/CLEANUP: THE CONTRACTOR SHALL PREVENT POLLUTION OF STORM WATER FROM CLEAN-UP AND DISPOSAL OPERATIONS BY USING GOOD HOUSEKEEPING METHODS. WHEN FLUIDS OR DRY MATERIALS SPILL, CLEAN-UP SHOULD BE IMMEDIATE, THOROUGH, AND ROUTINE. THE CONTRACTOR SHALL NEVER ATTEMPT TO "WASH THEM AWAY" WITH WATER OR BURY THEM. THE CONTRACTOR SHALL REPORT SIGNIFICANT SPILLS TO THE APPROPRIATE SPILL RESPONSE AGENCIES IMMEDIATELY. THE CONTRACTOR SHALL RECOGNIZE THAT DIFFERENT TYPES OF MATERIALS HAVE DIFFERENT DISPOSAL REQUIREMENTS AND FOLLOW APPROPRIATE PRACTICES. THE CONTRACTOR SHALL CONFINE NON-HAZARDOUS DEBRIS TO DUMPSTERS, COVERED AT NIGHT OR DURING WET WEATHER, AND TAKE THE DEBRIS TO A LANDFILL FOR RECYCLING OR DISPOSAL. THE CONTRACTOR SHALL HANDLE HAZARDOUS DEBRIS IN ACCORDANCE WITH SPECIFIC LAWS AND REGULATIONS AND DISPOSE OF THEM PROPERLY. A SEPARATE PERMIT MAY BE REQUIRED. COMMON HAZARDOUS DEBRIS FOUND ON CONSTRUCTION SITES ARE: LIQUID RESIDUES FROM PAINTS, THINNERS, SOLVENTS, GLUES, AND CLEANING FLUIDS; LEACHING AGENTS FROM LUMBER SUCH AS FORMALDEHYDE, ARSENIC, COPPER, CREOSOTE AND CHROMIUM; MOTOR OIL; GEAR OIL; ANTIFREEZE FLUIDS; BRAKE FLUIDS; ETC.; AND UNUSED PESTICIDES. PORTABLE TOILETS MUST HAVE DRIP PANS AND PLACED ONSITE AWAY FROM DRAINS.

31. NPDES AND CLEAN WATER ACT OF 1990 COMPLIANCE. (ALL DEVELOPMENTS) THE APPLICANT SHALL SUBMIT TO THE CITY ENGINEER FOR REVIEW AND OBTAIN APPROVAL FOR A WATER QUALITY MANAGEMENT PLAN (WQMP)/EROSION CONTROL PLAN SPECIFICALLY IDENTIFYING STRUCTURAL AND NON-STRUCTURAL BEST MANAGEMENT PRACTICES (BMP'S) THAT WILL BE USED ON-SITE TO CONTROL PREDICTABLE POLLUTANT RUNOFF.

32. NPDES INDUSTRIAL PERMIT FOR GRADING IN EXCESS OF 1 ACRE. THE APPLICANT SHALL SUBMIT A NOTICE OF INTENT (NOI) TO THE CALIFORNIA STATE WATER RESOURCE CONTROL BOARD FOR COVERAGE UNDER THE STATE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PROGRAM (NPDES) GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH DEVELOPMENT/CONSTRUCTION ACTIVITY IN EXCESS OF 1 ACRE OF LAND. EVIDENCE THAT THIS REQUIREMENT HAS BEEN MET SHALL BE SUBMITTED TO THE CITY ENGINEER.

33. THE CITY OF SAN JUAN CAPISTRANO, IN CONFORMANCE WITH THE CITY'S NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT, IS DEDICATED TO THE ELIMINATION/REDUCTION OF WATER POLLUTION AS A RESULT OF CONSTRUCTION PROJECTS. THE CONTRACTOR

SHALL COMPLY WITH THE ITEMS DESCRIBED IN THIS SECTION NECESSARY TO ELIMINATE/REDUCE WATER POLLUTION. SAID ITEMS ARE INTENDED TO PROVIDE PREVENTION, CONTROL, AND ABATEMENT OF WATER POLLUTION INTO STORM DRAIN SYSTEMS, STREAMS, AND ANY OTHER BODIES OF WATER AS A RESULT OF THE CONTRACTOR'S OPERATIONS. THESE ITEMS ARE SUPPLEMENTAL TO THOSE REQUIRED OF THE CONTRACTOR IN SECTION 7-8 "PROJECT SITE MAINTENANCE" OF THE "GREENBOOK".

THE PERMITTEE SHALL PLACE EROSION CONTROL DEVICES IN ACCORDANCE WITH THE CITY'S APPROVED STANDARDS REGARDING EROSION CONTROL AND THE CITY OF SAN JUAN CAPISTRANO GRADING ORDINANCE, AND TO THE SATISFACTION OF THE BUILDING AND ENGINEERING DIRECTOR AND/OR DESIGNATED STAFF.

PERMITTEE SHALL BE RESPONSIBLE FOR PROVIDING THE FREE FLOW OF STORM RUNOFF AND FLOOD CONTROL CHANNELS, STORM DRAINS, AND TRIBUTARIES DURING THE CONSTRUCTION PERIOD; AND PERMITTEE AGREES TO ASSUME ALL LIABILITY FOR ANY AND ALL DAMAGES THAT MAY RESULT FROM SUCH. PERMITTEE SHALL DESIGN AND IMPLEMENT SEDIMENT BASINS OR USE ANY OTHER APPROVED METHOD TO MINIMIZE DOWNSTREAM SEDIMENT TRANSPORTATION DURING STREAM FLOW.

ALL SURPLUS EXCAVATED MATERIAL SHALL BE DISPOSED OF IN ACCORDANCE WITH THE CITY'S GRADING ORDINANCE AND WATER QUALITY ORDINANCE. DISPOSAL AREAS WILL BE UTILIZED IN A MANNER THAT ENSURES ADEQUATE EROSION CONTROL PROTECTION AND THE PREVENTION OF PONDING, AS APPROVED BY THE CITY BUILDING AND ENGINEERING DIRECTOR AND/OR DESIGNATED STAFF. ALL DISPOSAL (STOCKPILING) SITES WITHIN THE CITY MUST BE PERMITTED WITH A GRADING PERMIT.

ABSORBENT MATERIALS SHALL BE STORED ONSITE AT ALLTIMES TO CLEANUP ANY SPILLS OR LEAKS. DISPOSE OF WASTE PROPERLY. IMMEDIATELY REPORT SPILLS TO THE CITY'S 24-HOUR HOTLINE 949 234-4575 OR TO THE COUNTY'S 24-HOUR WATER POLLUTION PROBLEM REPORTING HOTLINE AT 714-567-6363 OR LOG ONTO THE COUNTY'S WEBSITE AT WWW.OCWATERSHEDS.COM AND FILL OUT AN INCIDENT REPORTING FORM.

Last revised in March 2021