CONSTRUCTION GENERAL PERMIT AND STORMWATER POLLUTION PREVENTION PLAN NOTES:

THE CONTRACTOR SHALL OBTAIN A COPY OF THE NPDES CONSTRUCTION GENERAL PERMIT (CGP) AND BECOME FAMILIAR WITH ALL REQUIREMENTS. THE FOLLOWING IS ONLY A SIMPLIFIED LIST OF REQUIREMENTS TAKEN FROM THE CGP.

PART 1:

1.1. THIS PROJECT MEETS THE FOLLWING ELEGIBILITY CONDITIONS AND MAY BE COVERED UNDER THE CGP:
- A. THE CONTRACTOR IS HEREBY DESIGNATED AS THE SITE "OPERATOR";
- B. THIS PROJECT INVOLVES DISRUPTION OF GREATER THAN 1.0 ACRE OF AREA AND THEREFORE REQUIRES OBTAINING A CONSTRUCTION GENERAL PERMIT.
- C. PERMIT COVERAGE IS PROCURED BY
  - US EPA, REGION 01, OFFICE OF ECOSYSTEM PROTECTION, NPDES STORMWATER PROGRAM
  - 5 POST OFFICE SQUARE
  - BOSTON, MA 02109–3912
- D. QUINN ENGINEERING, INC IS NOT AWARE OF THIS PROJECT BEING COVERED UNDER A SEPERATE NPDES PERMIT FOR THE THIS DISCHARGE AND IS IS UNAWARE OF THIS PROJECT BEING IN THE PROCESS OF HAVING COVERAGE UNDER A DIFFERENT NPDES PERMIT FOR THE SAME DISCHARGE DENIED, TERMINATED OR REVOKED.
- E. SEE PART 7 FOR INFORMATION REGARDING THE ENDANGERED SPECIES ACT OR FEDERALLY DESIGNATED CRITICAL HABITAT.
- F. SEE PART 7 FOR INFORMATION REGARDING HISTORIC PROPERTIES.
- G. THE CONDITONS OF THE APPLICABLE PORTIONS OF CONSTRUCTION GENERAL PERMIT PART 9 MUST BE COMPLIED WITH.

1.2.1. THIS PROPOSED WORK IS NOT PART OF A PUBLIC EMERGENCY.

1.2.2. DISCHARGE SHALL NOT OCCUR UNTIL AUTHORIZATION BY THE EPA. COMPLIANCE WITH THE STORMWATER CONTROL REQUIREMENTS OF THE CGP, INCLUDING THE REQUIREMENTS APPLICABLE TO DISCHARGES IN PART 3.2, SHALL RESULT IN DISCHARGES THAT WILL NOT CAUSE, HAVE THE REASONABLE POTENTIAL TO CAUSE, OR CONTRIBUTE TO AN EXCURSION ABOVE ANY APPLICABLE WATER QUALITY STANDARD.

1.2.3. NEW SOURCE DISCHARGES TO A TIER 2, TIER 2.5 OR TIER 3 WATER ARE ELIGIBLE ONLY IF THE DISCHARGE WILL NOT LOWER THE WATER QUALITY OF THE APPLICABLE WATER.

1.2.4. THE REGIONAL EPA OFFICE MUST BE NOTIFIED AND AUTHORIZE USE OF CATATONIC TREATMENT CHEMICALS PRIOR TO USE.

1.3.0. THE FOLLOWING IS A LIST OF DISCHARGES THAT ARE ALLOWED UNDER THE CGP PROVIDED THAT APPROPRIATE STORMWATER CONTROLS ARE DESIGNED, INSTALLED, AND MAINTAINED:
- A. STORMWATER DISCHARGES, INCLUDING STORMWATER RUNOFF, SNOWMELT RUNOFF, AND SURFACE RUNOFF AND DRAINAGE, ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER 40 CFR § 122.26(B)(14) OR § 122.26(B)(15)(I);
- B. STORMWATER DISCHARGES DESIGNATED BY EPA AS NEEDING A PERMIT UNDER 40 CFR § 122.26(A)(1)(V) OR § 122.26(B)(15);
- C. STORMWATER DISCHARGES FROM CONSTRUCTION SUPPORT ACTIVITIES (E.G., CONCRETE OR ASPHALT BATCH PLANTS, EQUIPMENT STAGING YARDS, MATERIAL STORAGE AREAS, EXCAVATED MATERIAL DISPOSAL AREAS, BORROW AREAS) PROVIDED:
  - I. THE SUPPORT ACTIVITY IS DIRECTLY RELATED TO THE CONSTRUCTION SITE REQUIRED TO HAVE PERMIT COVERAGE FOR STORMWATER DISCHARGES;
  - II. THE SUPPORT ACTIVITY IS NOT A COMMERCIAL OPERATION, NOR DOES IT SERVE MULTIPLE UNRELATED CONSTRUCTION PROJECTS;
  - III. THE SUPPORT ACTIVITY DOES NOT CONTINUE TO OPERATE BEYOND THE COMPLETION OF THE CONSTRUCTION ACTIVITY AT THE PROJECT IT SUPPORTS; AND
  - IV. STORMWATER CONTROLS ARE IMPLEMENTED IN ACCORDANCE WITH PART 2 AND, IF APPLICABLE, PART 3, FOR DISCHARGES FROM THE SUPPORT ACTIVITY AREAS.
- D. THE FOLLOWING NON-STORMWATER DISCHARGES FROM THE CONSTRUCTION ACTIVITY, PROVIDED THAT, WITH THE EXCEPTION OF WATER USED TO CONTROL DUST AND TO IRRIGATE AREAS TO BE VEGETATIVELY STABILIZED, THESE DISCHARGES ARE NOT ROUTED TO AREAS OF EXPOSED SOIL ON THE SITE AND COMPLY WITH ANY APPLICABLE REQUIREMENTS FOR THESE DISCHARGES IN PART 2:
  - I. DISCHARGES FROM EMERGENCY FIRE–FIGHTING ACTIVITIES;
  - II. FIRE HYDRANT FLUSHINGS;
  - III. LANDSCAPE IRRIGATION;
  - IV. WATER USED TO WASH VEHICLES AND EQUIPMENT, PROVIDED THAT THERE IS NO DISCHARGE OF SOAPS, SOLVENTS, OR DETERGENTS USED FOR SUCH PURPOSES;
  - V. WATER USED TO CONTROL DUST;
  - VI. POTABLE WATER INCLUDING UNCONTAMINATED WATER LINE FLUSHINGS;
  - VII. ROUTINE EXTERNAL BUILDING WASHDOWN THAT DOES NOT USE DETERGENTS;
  - VIII. PAVEMENT WASH WATERS PROVIDED SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED (UNLESS ALL SPILL MATERIAL HAS BEEN REMOVED) AND WHERE DETERGENTS ARE NOT USED THE CONTRACTOR IS PROHIBITED FROM DIRECTING PAVEMENT WASH WATERS DIRECTLY INTO ANY SURFACE WATER, STORM DRAIN INLET, OR STORMWATER CONVEYANCE, UNLESS THE CONVEYANCE IS CONNECTED TO A SEDIMENT BASIN, SEDIMENT TRAP, OR SIMILARLY EFFECTIVE CONTROL;
  - IX. UNCONTAMINATED AIR CONDITIONING OR COMPRESSOR CONDENSATE;
  - X. UNCONTAMINATED, NON–TURBID DISCHARGES OF GROUND WATER OR SPRING WATER;
  - XI. FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH PROCESS MATERIALS SUCH AS SOLVENTS OR CEMENT WASTE; AND
  - XII. CONSTRUCTION DEWATERING WATER THAT HAS BEEN TREATED BY AN APPROPRIATE CONTROL UNDER PART 2.1.3.4;
- E. DISCHARGES OF STORMWATER LISTED ABOVE IN PARTS A, B, AND C, OR AUTHORIZED NONSTORMWATER DISCHARGES IN PART D ABOVE, COMMINGLED WITH A DISCHARGE AUTHORIZED BY A DIFFERENT NPDES PERMIT AND/OR A DISCHARGE THAT DOES NOT REQUIRE NPDES PERMIT AUTHORIZATION.

1.4.0. THE CONTRACTOR SHALL SUBMIT A COMPLETE AND ACCURATE NOTICE OF INTENT (NOI) TO THE EPA PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.

1.4.1. THE CONTRACTOR IS REQUIRED TO USE THE EPA'S ELECTRONIC ENOI SYSTEM TO PREPARE AND SUBMIT THE NOI.

1.4.2. THE CONTRACTOR SHALL SUBMIT THE ENOI IN ACCORDANCE WITH THE DEADLINES STATED IN THE CGP.

1.4.3. THE END DATE OF PERMIT COVERAGE SHALL BE IN ACCORDANCE WITH THOSE LISTED IN THE CGP.

1.4.4. THE CONTINUATION OF COVERAGE FOR EXISTING PERMITTES AFTER THE PERMIT EXPIRES SHALL BE IN ACCORDANCE WITH THE CGP.

1.4.5. PROCEDURES FOR DENIAL OF COVERAGE SHALL BE FOLLOWED IN ACCORDANCE WITH THE CGP.

1.5.0. THE PROJECT SIGN SHALL POST A SIGN OR OTHER NOTICE CONSPICUOUS AT A SAFE, PUBLICLY ACCESSIBLE LOCATION IN CLOSE PROXIMITY TO THE PROEJCT SITE. THE SIGN/NOTICE SHALL CONFORM TO THE REQUIREMENTS IN THE CGP.

PART 2

2.1. EROSION AND SEDIMENT CONTROLS SHOWN ON THESE PLANS SHALL BE INSTALLED AND MAINTAINED TO MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EARTH DISTRIBING ACTIVITIES DISTRIBING EROSION AND SEDIMENT CONTROLS THAT ARE NOT SHOWN ON THIS PLAN (EMPLOYED BY THE CONTRACTOR) SHALL BE DESIGNED, INSTALLED AND MAINTAINED TO MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EARTH DISTRIBING ACTIVITIES.

2.1.1. MINIMIZE THE AMOUNT OF EXPOSED SOIL EXPOSED DURING CONSTRUCTION ACTIVITIES AND CONFORM TO DEADLINES FOR TEMPORARY AND/OR PERMANENT STABILIZATION.

2.1.1.2. DESIGN REQUIREMENTS.
- A. ACCOUNT FOR THE FOLLOWING DESIGN FACTORS IN STORMWATER CONTROLS.
  - I. THE EXPECTED AMOUNT, FREQUENCY, INTENSITY AND DURATION OF PRECIPITATION.
  - II. THE NATURE OF STORMWATER RUNOFF AND RUN–ON AT THE SITE.
  - III. THE RANGE OF SOIL PARTICLE SIZES EXEPCTED TO BE PRESENT AT THE SITE.
- B. DIRECT DISCHARGES TO VEGETATED AREAS ON SITE TO INCREASE SEDIMENT REMOVAL AND MAXIMIZE INFILTRATION. USE VELOCITY DISSIPATION DEVICES IF NECESSARY TO PREVENT EROSION.

2.1.1.3. INSTALLATION REQUIREMENTS.
- A. COMPLETE INSTALLATION OF STORMWATER CONTROLS BEFORE EACH PHASE OF EARTH DISTRUBANCE BEGINS UNLESS UNFEASIBLE. IF UNFEASIBLE, SEE THE CGP FOR REQUIREMENTS.
- B. USE GOOD PRACTICES AND FOLLOW MANUFACTURER'S SPECIFICATIONS.

2.1.1.4. MAINTENANCE REQUIREMENTS.
- A. PROTECT CONTROLS FROM ACTIVITIES THAT WILL REDUCE THEIR EFFECTIVENESS.
- B. INSPECT CONTROLS IN ACCORDANCE WITH THE REQUIREMENTS OF PART 4.1 AND DOCUMENT FINDINGS. IF A PROBLEM IS IDENTIFIED, FOLLOW THE PROCEDURES IDENTIFIED IN PART 4.2 AND DOCUMENT FINDINGS, REMEDIES AND UPDATE THE SWPPP.

2.1.2. EROSION AND SEDIMENT CONTROL REQUIREMENTS APPLICABLE TO ALL SITES.

2.1.2.1. PROVIDE NATURAL BUFFERS OR EQUIVALENT SEDIMENT CONTROLS TO ACHIEVE A REDUCTION IN SEDIMENT LOAD (SSS) EQUIVALENT THAT ACHIEVES BY A 50 FOOT NATURAL BUFFER.
- A. COMPLIANCE ALTERNATIVES.
  - I. PROVIDE AND MAINTAIN A 50 FOOT UNDISTURBED BUFFER.
  - II. PROVIDE AND MAINTAIN AN UNDISTURBED NATURAL BUFFER THAT IS LESS THAN 50 FEET AND IS SUPPLEMENTED BY ADDITIONAL EROSION AND SEDIMENT CONTROLS, WHICH IN COMBINATION ACHIEVES THE SEDIMENT LOAD REDUCTION EQUIVALENT OF A 50–FOOT UNDISTURBED NATURAL BUFFER.
  - III. IF IT IS INFEASIBLE TO PROVIDE AND MAINTAIN AN UNDISTURBED NATURAL BUFFER OF ANY SIZE, IMPLEMENT EROSION AND SEDIMENT CONTROLS THAT ACHIEVE THE SEDIMENT LOAD REDUCTION EQUIVALENT TO A 50–FOOT UNDISTURBED NATURAL BUFFER.
- B. SEE THE CGP FOR ADDITIONAL REQUIREMENTS FOR THE COMPLIANCE ALTERNATIVES AND EXCEPTIONS.

2.1.2.2. INSTALL PERIMETER CONTROLS
- A. INSTALL SEDIMENT CONTROLS ALONG THOSE PERIMETER AREAS THAT WILL RECEIVE STORMWATER FROM EARTH DISTRUBING ACTIVITIES.
- B. REMOVE SEDIMENT BEFORE IT ACCUMULATES TO ONE HALF ABOVE THE GROUND HEIGHT OF ANY PERMIETER CONTROL.

2.1.2.3. MINIMIZE SEDIMENT TRACK OUT.
- A. RESTRICT VEHICLE USE TO PROPERLY DESIGNATED EXIT POINTS.
- B. USE APPROPRIATE STABILIZATION TECHNIQUES AT ALL POINTS THAT EXIT ONTO PAVED ROADS SO THAT SEDIMENT REMOVAL OCCURS PRIOR TO VEHICLE EXIT.
- C. WHERE NECESSARY, USE ADDITIONAL CONTROLS TO REMOVE SEDIMENT FROM VEHICLE TIRES PRIOR TO EXIT.
- D. WHERE SEDIMENT HAS BEEN TRANSPORTED ONTO A PAVED ROAD SURFACE, REMOVE THE DEPOSITED SEDIMENT BY THE END OF THE SAME WORK DAY. REMOVE THE TRACK–OUT BY SWEEPING, SHOVELING, OR VACUUMING. HOSING OR SWEEPING TRACKEDOUT SEDIMENT INTO ANY STORMWATER CONVEYANCE (UNLESS IT IS CONNECTED TO A SEDIMENT BASIN, SEDIMENT TRAP, OR SIMILARLY EFFECTIVE CONTROL), STORM DRAIN INLET, OR SURFACE WATER IS PROHIBITED.

2.1.2.4. CONTROL DISCHARGES FROM STOCKPILED SEDIMENT AND SOIL.
- A. LOCATE THE PILES OUTSIDE OF ANY NATURAL BUFFERS ESTABLISHED UNDER PART 2.1.2.1A AND PHYSICALLY SEPARATED FROM OTHER STORM WATER CONTROLS IMPLEMENTED IN ACCORDANCE WITH PART 2.1;
- B. PROTECT FROM CONTACT WITH STORMWATER (INCLUDING RUN–ON) USING A TEMPORARY PERIMETER SEDIMENT BARRIER
- C. PROVIDE PRACTICABLE, PRODUCT COVER OR APPROPRIATE TEMPORARY STABILIZATION TO AVOID DIRECT CONTACT WITH PRECIPITATION OR TO MINIMIZE SEDIMENT DISCHARGE;
- D. DO NOT HOSE DOWN OR SWEEP SOIL OR SEDIMENT ACCUMULATED ON PAVEMENT OR OTHER IMPERVIOUS SURFACES INTO ANY STORMWATER CONVEYANCE (UNLESS CONNECTED TO A SEDIMENT BASIN, SEDIMENT TRAP, OR SIMILARLY EFFECTIVE CONTROL), STORM DRAIN INLET, OR SURFACE WATER; AND
- E. UNLESS INFEASIBLE, CONTAIN AND SECURELY PROTECT FROM WIND.

2.1.2.5 IN ORDER TO AVOID POLLUTANTS FROM BEING DISCHARGED INTO SURFACE WATERS, TO THE EXTENT FEASIBLE, THE CONTRACTOR MUST MINIMIZE THE GENERATION OF DUST THROUGH THE APPROPRIATE APPLICATION OF WATER OR OTHER DUST SUPPRESSION TECHNIQUES.

2.1.2.6 THE CONTRACTOR MUST MINIMIZE THE DISTURBANCE OF "STEEP SLOPES".

2.1.2.7 THE CONTRACTOR MUST PRESERVE NATIVE TOPSOIL ON THE SITE, UNLESS INFEASIBLE.

2.1.2.8 IN AREAS OF CHRONIC OR EXTREME SEVERE TEMPERATURE STABILIZATION WILL OCCUR OR WHERE INFILTRATION PRACTICES WILL BE INSTALLED, THE CONTRACTOR MUST EITHER:
- A. RESTRICT VEHICLE / EQUIPMENT USE ON THESE LOCATIONS, OR
- B. PRIOR TO SEEDING OR PLANTING AREAS OF EXPOSED SOIL THAT HAVE BEEN COMPACTED, USE TECHNIQUES THAT CONDITION THE SOILS TO SUPPORT VEGETATIVE GROWTH, IF NECESSARY AND FEASIBLE.

2.1.2.9 PROTECT STORM DRAIN INLETS.
- A. INSTALL INLET PROTECTION MEASURES THAT REMOVE SEDIMENT FROM THE DISCHARGE PRIOR TO ENTRY INTO THE STORM DRAIN INLET.
- B. CLEAN, OR REMOVE AND REPLACE, THE PROTECTION MEASURES AS SEDIMENT ACCUMULATES, THE FILTER BECOMES CLOGGED, AND/OR PERFORMANCE IS COMPROMISED.

2.1.3. REQUIREMENTS APPLICABLE ONLY TO SITES USING THESE SPECIFIC STORMWATER CONTROLS

2.1.3.1. DESIGN STORMWATER CONVEYANCE CHANNELS TO AVOID UNSTABILIZED AREAS ON THE SITE AND TO REDUCE EROSION, UNLESS INFEASIBLE. MINIMIZE EROSION OF CHANNELS THROUGH THE USE OF EROSION CONTROLS AND VELOCITY DISSIPATION DEVICES.

2.1.3.2 SEDIMENT BASINS MUST COMPLY WITH THE FOLLOWING:
- A. DESIGN REQUIREMENTS.
  - I. PROVIDE STORAGE FOR EITHER (1) THE CALCULATED VOLUME OF RUNOFF FROM A 2–YEAR, 24–HOUR STORM (SEE APPENDIX H OF THE CGP), OR (2) 3,600 CUBIC FEET PER ACRE DRAINED;
  - II. WHEN DISCHARGING FROM THE SEDIMENT BASIN, UTILIZE OUTLET STRUCTURES THAT WITHDRAW WATER FROM THE SURFACE IN ORDER TO MINIMIZE THE DISCHARGE OF POLLUTANTS, UNLESS INFEASIBLE;
  - III. PREVENT EROSION OF (1) THE SEDIMENT BASIN USING STABILIZATION CONTROLS (E.G., EROSION CONTROL BLANKETS), AND (2) THE INLET AND OUTLET USING EROSION CONTROLS AND VELOCITY DISSIPATION DEVICES; AND
  - IV. SEDIMENT BASINS MUST BE SITUATED OUTSIDE OF SURFACE WATERS AND ANY NATURAL BUFFERS ESTABLISHED UNDER PART 2.1.2.1A, AND MUST BE DESIGNED TO AVOID COLLECTING WATER FROM WETLANDS.
- B. MAINTENANCE REQUIREMENTS. KEEP IN EFFECTIVE OPERATING CONDITION AND REMOVE ACCUMULATED SEDIMENT TO MAINTAIN AT LEAST ½ OF THE DESIGN CAPACITY OF THE SEDIMENT BASIN AT ALL TIMES.

2.1.3.3 USE OF TREATMENT CHEMICALS. IF POLYMERS, FLOCCULANTS SHALL BE IN ACCORDANCE WITH THE CGP REQUIREMENTS

2.1.3.4 IT IS PROHIBITED TO DISCHARGE GROUND WATER OR ACCUMULATED STORMWATER UNLESS SUCH WATERS ARE FIRST EFFECTIVELY TREATED BY APPROPRIATE CONTROLS. MAINTAINING THE NON–TURBID DEWATERING WATER MAY BE DISCHARGED WITHOUT BEING ROUTED TO A CONTROL. THE FOLLOWING REQUIREMENTS FOR DEWATERING ACTIVITIES MUST BE MET:
- A. DISCHARGE REQUIREMENTS.
  - I. DO NOT DISCHARGE VISIBLE FLOATING SOLIDS OR FOAM;
  - II. USE AN OIL–WATER SEPARATOR OR SUITABLE FILTRATION DEVICE (SUCH AS A CARTRIDGE FILTER) THAT IS DESIGNED TO REMOVE OIL, GREASE, OR OTHER PRODUCTS IF DEWATERING WATER IS FOUND TO CONTAIN THESE MATERIALS;
  - III. TO THE EXTENT FEASIBLE, UTILIZE VEGETATED, UPLAND AREAS OF THE SITE TO INFILTRATE DEWATERING WATER BEFORE DISCHARGE. IN NO CASE WILL SURFACE WATERS BE CONSIDERED PART OF THE TREATMENT AREA;
  - IV. AT ALL TIMES WHERE DEWATERING WATER IS DISCHARGED, COMPLY WITH THE DISCHARGE DISSIPATION REQUIREMENTS OF PART 2.1.3.1;
  - V. WITH BACKWASH WATER, EITHER HAUL IT AWAY FOR DISPOSAL OR RETURN IT TO THE BEGINNING OF THE TREATMENT PROCESS; AND
  - VI. REPLACE AND CLEAN THE FILTER MEDIA USED IN DEWATERING DEVICES WHEN THE PRESSURE DIFFERENTIAL EQUALS OR EXCEEDS THE MANUFACTURER'S SPECIFICATIONS.
- B. TREATMENT CHEMICAL RESTRICTIONS. IF THE CONTRACTOR ARE USING POLYMERS, FLOCCULANTS, OR OTHER TREATMENT CHEMICALS TO TREAT DEWATERING WATER, THE CONTRACTOR MUST COMPLY WITH THE REQUIREMENTS IN PARTS 2.1.3.3.

2.2.1.1 THE CONTRACTOR MUST INITIATE SOIL STABILIZATION MEASURES IMMEDIATELY WHENEVER EARTH–DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE.

2.2.1.2 DEADLINE TO COMPLETE STABILIZATION ACTIVITIES. AS SOON AS PRACTICABLE, BUT NO LATER THAN 14 CALENDAR DAYS AFTER THE INITIATION OF SOIL STABILIZATION MEASURES CONSISTENT WITH PART 2.2.1.1, THE CONTRACTOR IS REQUIRED TO HAVE COMPLETED:
- A. FOR VEGETATIVE STABILIZATION, ALL ACTIVITIES NECESSARY TO INITIALLY SEED OR PLANT THE AREA TO BE STABILIZED; AND/OR
- B. FOR NON–VEGETATIVE STABILIZATION, THE INSTALLATION OR APPLICATION OF ALL SUCH NON–VEGETATIVE MEASURES.

2.2.1.3 EXCEPTIONS TO THE DEADLINES FOR INITIATING AND COMPLETING STABILIZATION.
- A. DEADLINES FOR PROJECTS OCCURRING IN ARID OR SEMI–ARID AREAS, OR DROUGHTSTRICKEN AREAS SHALL COMPLY WITH THE CGP REQUIREMENTS.
- B. DEADLINES FOR PROJECTS THAT ARE AFFECTED BY CIRCUMSTANCES BEYOND THE CONTROL OF THE PERMITTEE THAT DELAY THE INITIATION AND/OR COMPLETION OF VEGETATIVE STABILIZATION AS REQUIRED IN PARTS 2.2.1.1 AND/OR 2.2.1.2 SHALL COMPLY WITH THE CGP REQUIREMENTS.
- C. DEADLINES FOR SITES DISCHARGING TO SENSITIVE WATERS. FOR ANY PORTION OF THE SITE THAT DISCHARGES TO A SEDIMENT OR NUTRIENT–IMPAIRED WATER (SEE PART 3.2) OR TO A WATER THAT IS IDENTIFIED BY THE STATE, TRIBE, OR EPA AS TIER 2, TIER 2.5, OR TIER 3 FOR ANTIDEGRADATION PURPOSES (SEE PART 3.3) SHALL COMPLY WITH THE CGP REQUIREMENTS.

2.2.2.1 VEGETATIVE STABILIZATION.
- A. FOR ALL SITES, EXCEPT THOSE LOCATED IN ARID OR SEMI–ARID AREAS OR ON AGRICULTURAL LANDS.
  - I. IF THE CONTRACTOR IS VEGETATIVELY STABILIZING ANY EXPOSED PORTION OF THE SITE THROUGH THE USE OF SEED OR PLANTED VEGETATION, THE CONTRACTOR MUST PROVIDE ESTABLISHED UNIFORM VEGETATION (E.G., EVENLY DISTRIBUTED WITHOUT LARGE BARE AREAS), WHERE THE COVERAGE OR MEET THE DENSITY OF COVERAGE THAT WAS PROVIDED BY VEGETATION PRIOR TO COMMENCING EARTH–DISTURBING ACTIVITIES. THE CONTRACTOR SHOULD AVOID THE USE OF INVASIVE SPECIES;
  - II. FOR FINAL STABILIZATION, VEGETATIVE COVER MUST BE PERENNIAL; AND
  - III. IMMEDIATELY AFTER SEEDING OR PLANTING THE AREA TO BE VEGETATIVELY STABILIZED, TO THE EXTENT NECESSARY TO PREVENT EROSION ON THE SEEDED AREA, THE CONTRACTOR MUST SELECT, DESIGN, AND INSTALL NON–VEGETATIVE EROSION CONTROLS THAT PROVIDE COVER (E.G., MULCH, ROLLED EROSION CONTROL PRODUCTS) TO THE AREA WHILE VEGETATION IS BECOMING ESTABLISHED.
- B. FOR SITES LOCATED IN ARID OR SEMI–ARID AREAS, OR DROUGHT–STRICKEN AREAS, VEGETATION STABLIZATION SHALL COMPLY WITH THE CGP REQUIREMENTS.
- C. PROVIDE EFFECTIVE NON–VEGETATIVE COVER TO STABILIZE ANY EXPOSED PORTIONS OF THE SITE OR AREAS THAT WILL BE TEMPORARILY STABILIZED PRIOR TO VEGETATIVE STABILIZATION.

2.3. THE CONTRACTOR IS REQUIRED TO DESIGN, INSTALL, AND MAINTAIN EFFECTIVE POLLUTION PREVENTION MEASURES IN ORDER TO PREVENT THE DISCHARGE OF POLLUTANTS. CONSISTENT WITH THIS REQUIREMENT, AND MUST:
- A. ELIMINATE CERTAIN POLLUTANT DISCHARGES FROM THE SITE (SEE PART 2.3.1);
- B. PROPERLY MAINTAIN ALL POLLUTION PREVENTION CONTROLS (SEE PART 2.3.2); AND
- C. COMPLY WITH POLLUTION PREVENTION STANDARDS FOR POLLUTANT–GENERATING ACTIVITIES THAT OCCUR AT THE SITE (SEE PART 2.3.3). THESE REQUIREMENTS APPLY TO ALL AREAS OF THE CONSTRUCTION SITE AND ANY AND ALL SUPPORT ACTIVITIES COVERED BY THE PERMIT CONSISTENT WITH PART 1.3.C.

2.3.1. THE CONTRACTOR IS PROHIBITED FROM DISCHARGING THE FOLLOWING FROM THE CONSTRUCTION SITE:

2.3.1.1 WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL AS DESCRIBED IN PART 2.3.3.4;

2.3.1.2 WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS, UNLESS MANAGED BY AN APPROPRIATE CONTROL AS DESCRIBED IN PART 2.3.3.4;

2.3.1.3 FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE;

2.3.1.4 SOAPS, SOLVENTS, OR DETERGENTS USED IN VEHICLE AND EQUIPMENT WASHING; AND

2.3.1.5 TOXIC OR HAZARDOUS SUBSTANCES FROM A DEFINED AREA OF CONTAMINATION.

2.3.2. THE CONTRACTOR MUST ENSURE THAT ALL POLLUTION PREVENTION CONTROLS INSTALLED IN ACCORDANCE WITH THIS PART REMAIN IN EFFECTIVE OPERATING CONDITION AND NOT BECOME A SOURCE OF POLLUTANTS THAT WOULD REDUCE THEIR EFFECTIVENESS. THE CONTRACTOR MUST INSPECT ALL POLLUTANT–GENERATING ACTIVITIES AND POLLUTION PREVENTION CONTROLS IN ACCORDANCE WITH THE INSPECTION FREQUENCY REQUIREMENTS IN PARTS 4.1.2 OR 3.2.2.1 TO AVOID SITUATIONS THAT MAY RESULT IN LEAKS, SPILLS, AND OTHER RELEASES OF POLLUTANTS TO STORMWATER DISCHARGES TO RECEIVING WATERS, AND MUST DOCUMENT THE FINDINGS IN ACCORDANCE WITH PART 4.1.7. IF THE CONTRACTOR FINDS THAT CONTROLS NEED TO BE REPLACED, REPAIRED, OR MAINTAINED, THE CONTRACTOR MUST MAKE THE NECESSARY REPAIRS OR MODIFICATIONS IN ACCORDANCE WITH THE FOLLOWING:

2.3.2.1 INITIATE WORK TO FIX THE PROBLEM IMMEDIATELY AFTER DISCOVERING THE PROBLEM, AND COMPLETE SUCH WORK BY THE CLOSE OF THE NEXT WORK DAY.

2.3.2.2 WHEN INSTALLATION OF A NEW POLLUTION PREVENTION CONTROL OR A SIGNIFICANT REPAIR IS NEEDED, COMPLETE THE INSTALLATION OR REPAIR BY NO LATER THAN 7 CALENDAR DAYS AFTER DISCOVERY. DOCUMENT IF IT IS INFEASIBLE TO COMPLETE THE INSTALLATION OR REPAIR WITHIN 7 CALENDAR DAYS AND DOCUMENT THE SCHEDULE FOR INSTALLING THE STORMWATER CONTROL(S) AND MAKING IT OPERATIONAL AS SOON AS PRACTICABLE AFTER THE 7 CALENDAR DAY TIMEFRAME. UPDATE THE SWPPP TO REFLECT CHANGES.

2.3.3. THE CONTRACTOR IS REQUIRED TO COMPLY WITH THE POLLUTION PREVENTION STANDARDS IF ANY OF THE FOLLOWING ARE CONDUCTED AT THE SITE COVERED BY THE PERMIT (SEE PART 1.3.C):
- A. FUELING AND MAINTENANCE OF EQUIPMENT OR VEHICLES;
- B. WASHING OF EQUIPMENT AND VEHICLES;
- C. STORAGE, HANDLING, AND DISPOSAL OF CONSTRUCTION MATERIALS, PRODUCTS, AND WASTES; AND
- D. WASHING OF APPLICATORS AND CONTAINERS USED FOR PAINT, CONCRETE, OR OTHER MATERIALS.

THE POLLUTION PREVENTION STANDARDS ARE AS FOLLOWS:

2.3.3.1 THE CONTRACTOR MUST PROVIDE AN EFFECTIVE MEANS OF ELIMINATING THE DISCHARGE OF SPILLED OR LEAKED CHEMICALS, INCLUDING FUEL. TO COMPLY WITH THE PROHIBITION IN PART 2.3.1.3, THE CONTRACTOR MUST:
- A. IF APPLICABLE, COMPLY WITH THE SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) REQUIREMENTS IN 40 CFR 112 AND SECTION 311 OF THE CWA;
- B. ENSURE ADEQUATE SUPPLIES ARE AVAILABLE AT ALL TIMES TO HANDLE SPILLS, LEAKS, AND DISPOSAL OF USED LIQUIDS;
- C. USE DRIP PANS AND ABSORBENTS UNDER OR AROUND LEAKY VEHICLES;
- D. DISPOSE OF OR RECYCLE OIL AND OILY WASTES IN ACCORDANCE WITH OTHER FEDERAL, STATE, TRIBAL, OR LOCAL REQUIREMENTS;
- E. CLEAN UP SPILLS OR CONTAMINATED SURFACES IMMEDIATELY, USING DRY CLEAN UP MEASURES WHERE POSSIBLE, AND ELIMINATE THE SOURCE OF THE SPILL TO PREVENTA DISCHARGE OR A FURTHERANCE OF AN ONGOING DISCHARGE; AND
- F. DO NOT CLEAN SURFACES BY HOSING THE AREA DOWN.

2.3.3.2 WASHING OF EQUIPMENT AND VEHICLES.
- A. THE CONTRACTOR MUST PROVIDE AN EFFECTIVE MEANS OF MINIMIZING THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER TYPES OF WASHING; AND
- B. COMPLY WITH THE PROHIBITION IN PART 2.3.1.4. FOR STORAGE OF SOAPS, DETERGENTS, OR SOLVENTS, THE CONTRACTOR MUST PROVIDE EITHER (1) COVER (E.G., PLASTIC SHEETING OR TEMPORARY ROOFS) TO PREVENT THESE DETERGENTS FROM COMING INTO CONTACT WITH RAINWATER, OR (2) A SIMILARLY EFFECTIVE MEANS DESIGNED TO PREVENT THE DISCHARGE OF POLLUTANTS FROM THESE AREAS.

2.3.3.3 THE CONTRACTOR MUST MINIMIZE THE EXPOSURE TO STORMWATER OF ANY OF THE PRODUCTS, MATERIALS, OR WASTES SPECIFIED BELOW.
- A. FOR BUILDING PRODUCTS, PROVIDE EITHER (1) COVER (E.G., PLASTIC SHEETING OR TEMPORARY ROOFS) OR (2) A SIMILARLY EFFECTIVE MEANS DESIGNED TO PREVENT THE DISCHARGE OF POLLUTANTS FROM THESE AREAS.
- B. FOR PESTICIDES, HERBICIDES, INSECTICIDES, FERTILIZERS, AND LANDSCAPE MATERIALS:
  - I. ON STORAGE AREAS, PROVIDE EITHER (1) COVER (E.G., PLASTIC SHEETING OR TEMPORARY ROOFS) OR (2) A SIMILARLY EFFECTIVE MEANS DESIGNED TO PREVENT THE DISCHARGE OF POLLUTANTS FROM THESE AREAS; AND
  - II. COMPLY WITH ALL APPLICATION AND DISPOSAL REQUIREMENTS INCLUDED ON THE REGISTERED PESTICIDE, HERBICIDE, INSECTICIDE, AND FERTILIZER LABEL.
- C. FOR DIESEL FUEL, OIL, HYDRAULIC FLUIDS, OTHER PETROLEUM PRODUCTS, AND OTHER CHEMICALS:
  - I. TO COMPLY WITH THE PROHIBITION IN PART 2.3.1.3, STORE CHEMICALS IN WATER–TIGHT CONTAINERS, AND PROVIDE EITHER (1) COVER (E.G., PLASTIC SHEETING OR TEMPORARY ROOFS) OR (2) A SIMILAR EFFECTIVE MEANS DESIGNED TO PREVENT THE DISCHARGE OF POLLUTANTS FROM THESE AREAS (E.G., SPILL KITS), OR PROVIDE SECONDARY CONTAINMENT (E.G., SPILL BERMS, DECKS, SPILL CONTAINMENT PALLETS); AND
  - II. CLEAN UP SPILLS IMMEDIATELY, USING DRY CLEAN–UP METHODS WHERE POSSIBLE, AND DISPOSE OF USED MATERIALS PROPERLY. DO NOT CLEAN SURFACES OR SPILLS BY HOSING THE AREA DOWN. ELIMINATE THE SOURCE OF THE SPILL TO PREVENT A DISCHARGE OR A CONTINUANCE OF AN ONGOING DISCHARGE.
- D. FOR HAZARDOUS OR TOXIC WASTE, COMPLIANCE WITH THE CGP IS REQUIRED.
- E. FOR CONSTRUCTION AND DOMESTIC WASTE, PROVIDE WASTE CONTAINERS (E.G., DUMPSTER OR TRASH RECEPTACLE) OF SUFFICIENT SIZE AND NUMBER TO CONTAIN CONSTRUCTION AND DOMESTIC WASTES. IN ADDITION (1) ON WORK DAYS, CLEAN UP AND DISPOSE OF WASTE IN DESIGNATED WASTE CONTAINERS; AND (2) CLEAN UP IMMEDIATELY IF CONTAINERS OVERFLOW.
- F. FOR SANITARY WASTE, POSITION PORTABLE TOILETS SO THAT THEY ARE SECURE AND WILL NOT BE TIPPED OR KNOCKED OVER.

2.3.3.4 THE CONTRACTOR MUST PROVIDE A