

Nevada Department of Transportation (NDOT)

Stormwater Pollution Prevention Plan (SWPPP) Template for Construction Activities

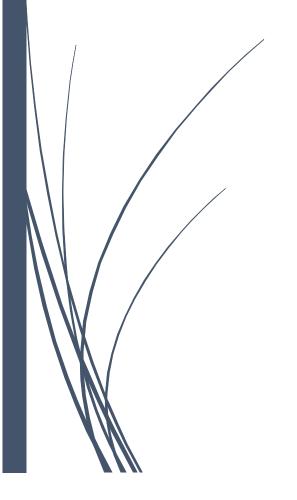




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Disclaimer:

This template is designed to provide guidance through the SWPPP development process and help to ensure the SWPPP addresses all the necessary elements stated in the applicable construction general permit and the requirements of NDOT. It is the responsibility of the Operator to include the correct and proper information, understand the NDEP and/or EPA Construction General Permit requirements, and create a document that meets regulatory compliance.

STORM WATER POLLUTION PREVENTION SITE INFORMATION

PROVIDE SITE, OWNER, OPERATOR AND ADDITIONAL OPERATORS INFORMATION. The SWPPP must include a list of all operators who will be engaged in construction activities at your site, and the areas over which they have control.

Site Description Information:	
NDOT Contract # (If the project	
does not have an NDOT Contract #	
provide a project #)	
NDEP Permit CSW # and /or EPA	
Permit Tracking #	
Project Name	
Address Line #1 (If the address is	
not applicable then provide	
route and milepost)	
Address Line #2	
City	
State	
County	
Assessor's Parcel Number (APN#)	
Owner Information:	
Name	
Address Line #1	
Address Line #2	
City	
State	
Zip Code	
Contact Name	
Phone Number	
Email Address	
Operator Information:	
Name	
Address Line #1	
Address Line #2	
City	
State	
Zip Code	
Contact Name	
Phone Number	
Email Address	
If there is more than one operator,	
identify the areas and/or phases	
over which the designated	
operator has control	

Additional Operator #2 Information:	
Name	
Address Line #1	
Address Line #2	
City	
State	
Zip Code	
Contact Name	
Phone Number	
Email Address	
If there is more than one operator,	
identify the areas and/or phases	
over which the designated	
operator has control	
Additional Operator #3 Information:	
Name	
Address Line #1	
Address Line #2	
City	
State	
Zip Code	
Contact Name	
Phone Number	
Email Address	
If there is more than one operator,	
identify the areas and/or phases	
over which the designated	
operator has control	
Notice of Intent (NOI):	
Filing Date	
Approval Date	
Approvarbate	

NOTE: A WORKING COPY OF THIS SWPPP MUST BE KEPT AT THE CONSTRUCTION SITE OR BE LOCALLY AVAILABLE FOR REVIEW BY NDEP, EPA AND LOCAL REGULATORY AGENCIES.

A COPY OF THE NDEP CONSTRUCTION STORMWATER GENERAL PERMIT NVR100000 AND/OR FEDERAL (CGP) STORMWATER CONSTRUCTION GENERAL PERMIT NVR120001 AND THE NOTICE OF INTENT FOR THIS PROJECT MUST BE ATTACHED TO THIS SWPPP AS APPROPRIATE. GUIDANCE FOR SELECTING AND IMPLEMENTING BMPs IS AVAILABLE IN THE NEVADA DEPARTMENT OF TRANSPORTATION CONSTRUCTION SITE BEST MANAGEMENT PRACTICES (BMPs) MANUAL.

http://www.nevadadot.com/StormWater/Resources.aspx

ATTACH ADDITIONAL PAGES WHEN NECESSARY TO PROVIDE THE REQUIRED INFORMATION.

STORM WATER POLLUTION PREVENTION TEAM

LIST THE NAME, TITLE, EMPLOYER, AND INDIVIDUAL RESPONSIBILITIES FOR EACH MEMBER OF THE STORMWATER TEAM. THE STORMWATER TEAM IS RESPONSIBLE FOR OVERSEEING THE INITIAL DEVELOPMENT OF THE SWPPP, ANY MODIFICATIONS TO THE SWPPP, UPDATING THE SWPPP AS NECESSARY, AND COMPLIANCE WITH THE REQUIREMENTS OF THE **NDEP Construction Stormwater General Permit NVR100000 AND/OR FEDERAL (CGP) STORMWATER CONSTRUCTION GENERAL PERMIT NVR 120001.** THE TEAM MAY INCLUDE MEMBERS THAT ARE NOT EMPLOYED BY THE OPERATOR (I.E. THIRD PARTY CONSULTANTS). FOR NDOT CONTRACTS, PROVIDE THE NAME OF THE WATER POLLUTION CONTROL MANAGER AND INCLUDE 24 HOUR CONTACT INFORMATION.

Stormwater Team Member #1 Inform	nation:
Name	
Title	
Phone Number	
Responsibilities	
Stormwater Team Member #2 Inform	nation:
Name	
Title	
Phone Number	
Responsibilities	
Stormwater Team Member #3 Inform	nation:
Name	
Title	
Phone Number	
Responsibilities	

Stormwater Team Member #4 Information:		
Name		
Title		
Phone Number		
Responsibilities		
Stormwater Team Member #5 Inform	nation:	
Name		
Title		
Phone Number		
Responsibilities		

ATTACH ADDITIONAL PAGES WHEN NECESSARY TO PROVIDE THE REQUIRED INFORMATION.

PROJECT DESCRIPTION & NATURE OF CONSTRUCTION ACTIVITIES

DESCRIBE THE NATURE OF THE CONSTRUCTION ACTIVITIES, INCLUDING THE SIZE OF THE PROPERTY(IES) AND THE LOCAL AREA(S) EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES, CONSTRUCTION SUPPORT ACTIVITY AREAS COVERED BY THE PERMIT (I.E. STAGING AREAS AND LAYDOWN AREAS), AND THE MAXIMUM AREA EXPECTED TO BE DISTURBED AT ANY ONE POINT IN TIME. DESCRIBE THE INTENDED USE AFTER THE NOTICE OF TERMINATION (E.G. HIGHWAY, LOW DENSITY COMMERCIAL).

DESCRIPTION OF THE PROPOSED CONSTR	UCTION ACTIVITY:	
INTENDED SEQUENCE OF MAJOR SOIL DIS	TURBING ACTIVITIES	
TOTAL ADDA OF SUTT (1 22 23)	TOTAL AREA EXPECTED TO BE	MAXIMUM AREA EXPECTED TO BE
TOTAL AREA OF SITE (ACRES)	DISTURBED BY CONSTRUCTION ACTIVITIES (ACRES)	DISTURBED BY CONSTRUCTION ACTIVITIES AT ANY ONE TIME (ACRES)
		,

EMERGENCY-RELATED CONSTRUCTION ACTIVITIES

FOR EARTH-DISTURBING ACTIVITIES IN RESPONSE TO A PUBLIC EMERGENCY, DOCUMENT THE CAUSE OF THE PUBLIC EMERGENCY, PROVIDE INFORMATION SUBSTANTIATING ITS OCCURRENCE, AND DESCRIBE THE CONSTRUCTION NECESSARY TO RE-ESTABLISH AFFECTED PUBLIC SERVICES.

CAUSE OF THE PUBLIC EMERGENCY:
DESCRIBE THE CAUSE OF THE PUBLIC EMERGENCY (E.G. NATURAL DISASTER, EXTREME FLOODING CONDITIONS, ETC.)
Substantiating information
PROVIDE INFORMATION SUBSTANTIATING THE OCCURRENCE OF THE PUBLIC EMERGENCY (SUCH AS A STATE DISASTER
DECLARATION OR SIMILAR DECLARATION). ATTACH SUPPORTING DOCUMENTATION TO THE END OF THE SWPPP.
Necessary construction
DESCRIBE THE NECESSARY CONSTRUCTION TO RE-ESTABLISH AFFECTED PUBLIC SERVICES.

SEQUENCE AND ESTIMATED DATES OF CONSTRUCTION ACTIVITIES

PROVIDE A SCHEDULE OF THE ESTIMATED START DATES AND THE DURATION OF THE ACTIVITY FOR INSTALLATION OF STORMWATER CONTROL MEASURES, CONSTRUCTION ACTIVITIES, CESSATION OF THE CONSTRUCTION ACTIVITIES, AND STABILIZATION OF AREAS OF EXPOSED SOIL.

INSTALLATION OF STORMWATER CONTROL MEASURES	
WHAT IS THE ESTIMATED START DATE FOR THE	
INSTALLATION OF STORMWATER CONTROL MEASURES?	
WHAT IS THE ESTIMATED DURATION OF THE INSTALLATION	
OF STORMWATER CONTROL MEASURES? (CALENDAR DAYS)	
or storium tercontribe mensories. (cheens in shirs)	
WHAT DATE WILL THE STORMWATER CONTROL MEASURES BE	: MADE ODERATIONAL?
WHAT DATE WILE THE STORWWATER CONTROL MEASURES BE	MADE OF ENATIONAL:
SEQUENCE:	
SEQUENCE:	
CONSTRUCTION ACTIVITIES	
WHAT IS THE ESTIMATED START DATE OF CONSTRUCTION	
ACTIVITIES?	
WHAT IS THE ESTIMATED DURATION OF CONSTRUCTION	
ACTIVITIES? (CALENDAR DAYS)	
DESCRIBE THE INTENDED SEQUENCE OF CONSTRUCTION ACTI	/ITIES. IF ADDITIONAL SPACE IS NEEDED ADD AS APPENDIX.

CESSATION OF CONSTRUCTION ACTIVITIES				
WHAT IS THE ESTIMATED DATE FOR THE CESSATION OF				
CONSTRUCTION ACTIVITIES?				
WILL THE CESSATION OF CONSTRUCTION ACTIVITIES BE		TEMPORARY		PERMANENT
TEMPORARY OR PERMANENT?		TEIVIPORARY		PERIVIAINEINI
IF THE CESSATION OF CONSTRUCTION WILL BE			•	
TEMPORARY, PROVIDE THE ESTIMATED DURATION OF THE				
CESSATION OF THE CONSTRUCTION ACTIVITIES. (CALENDAR				
DAYS)				
WILL THE CESSATION OF CONSTRUCTION ACTIVITIES				
OCCUR ON THE ENTIRE SITE (100%) OR IN DESIGNATED		1000/		DECICNIATED DODTIONS
PORTIONS OF THE SITE? WILL IT BE TEMPORARY OR		100%		DESIGNATED PORTIONS
PERMANENT?				
IF THE CESSATION OF CONSTRUCTION ACTIVITIES WILL OCCUP	RONLY IN DESI	GNATED PORTION	NS OF TI	HE SITE, IDENTIFY
THE DESIGNATED PORTIONS OF THE SITE WHERE THE CESSATI	ON OF CONST	RUCTION ACTIVIT	IES WIL	L OCCUR.
STABILIZATION OF AREAS OF EXPOSED SOIL				
WHAT IS THE ESTIMATED START DATE FOR THE				
TEMPORARY STABILIZATION OF AREAS OF EXPOSED SOIL?				
WHAT IS THE ESTIMATED DURATION OF THE TEMPORARY				
STABILIZATION OF AREAS OF EXPOSED SOIL? (CALENDAR				
DAYS)				
WHAT IS THE ESTIMATED START DATE FOR THE FINAL				
STABILIZATION OF AREAS OF EXPOSED SOIL?				
WHAT IS THE ESTIMATED DURATION OF THE FINAL				
STABILIZATION OF AREAS OF EXPOSED SOIL? (CALENDAR				
DAYS)				
NOTE: THE DATES FOR STABILIZATION SHALL REFLECT THE APPL				•
CONSTRUCTION GENERAL PERMIT REFERING TO STABILIZATION R	EQUIREMENTS,	, SCHEDULES, AND	DEADLI	NES.
DEPARTURES FROM INITIAL PROJECTIONS				
IF DEPARTURES FROM THE INITIAL PROJECTIONS FOR ANY OF	THE ACTIVITI	ES NOTED ABOVE	OF THI	S SWPPP ARE
NECESSARY, IDENTIFY AND DESCRIBE SUCH DEPARTURES. AL	TERNATIVELY,	DOCUMENTATIO	N DESC	CRIBING SUCH
DEPARTURES MAY BE ATTACHED TO THE END OF THE SWPPP.				

EXISTING SOIL CHARACTERISTICS

PROVIDE A NARRATIVE DESCRIPTION OF THE EXISTING SITE SOIL CHARACTERISTICS (SAND SOILS: DRY, NUTRIENT DEFICIENT, FAST DRAINNG. SILT SOILS: CRUST FORMING, DECREASED INFILTRATION IF OVERTILLED AND COMPACTED. CLAY SOILS: PERCENT CLAY DETERMINES ABILITY TO TRANSPORT WATER. LOAM SOILS: A COMBINATION OF SOIL TYPES IN VARYING DEGREES. http://websoilsurvey.nrcs.usda.gov/app/ IDENTIFY THE EROSION POTENTIAL OF THE SOILS ON SITE. DESCRIBE THE PROCESS USED TO DETERMINE THE EROSION POTENTIAL OF THE SITE SOILS, AND DISCUSS HOW THE EROSION POTENTIAL INFLUENCED BMP SELECTION AND PLACEMENT. http://bettersoils.soilwater.com.au/module5/5 11.htm			
WHAT PERCENTAGE OF THE SITE IS IMPERVIOUS BEFORE AND	Before %		
AFTER CONSTRUCTION?	After %		
FOR AREAS WHERE IT IS REQUIRED BY THE PERMIT TO ESTABLIS	H A 50-FOOT BUFFFR BUT IT IS IN	IFFASIRI F TO MAINTAIN A 50-	
FOOT NATURAL BUFFER, PROVIDE THE REASON WHY THE 50-FOO			
THE ALTERNATIVE ADDITIONAL EROSION AND SEDIMENT CONTI		•	
NATURAL BUFFER WIDTH RETAINED ON THE PROPERTY, AND ATTACH ANY RELEVANT DOCUMENTATION TO THE END OF THE SWPPP.			
NOTE: EPA DOES NOT CONSIDER STORMWATER CONTROL FEAT	ures (<i>e.g.,</i> stormwater conv	EYANCE CHANNELS, STORM	
DRAIN INLETS, SEDIMENT BASINS) TO CONSTITUTE "SURFACE WATERS" FOR THE PURPOSE OF TRIGGERING THE REQUIREMENT			
TO COMPLY WITH THIS PART.			
NOTE: AREAS THAT YOU DO NOT OWN OR THAT ARE OTHERWIS	E OUTSIDE YOUR OPERATIONAL C	ONTROL MAY BE	
CONSIDERED AREAS OF UNDISTURBED NATURAL BUFFER FOR PU	RPOSES OF COMPLIANCE WITH TH	HIS PART.	

IDENTIFY AND DESCRIBE ALL ON-SITE AND OFF-SITE MATERIALS STORAGE AREAS, INCLUDING OVERBURDEN, STOCKPILES OF DIRT, BORROW AREAS, ETC.

SITE MAPS

- 1. ATTACH A GENERAL LOCATION MAP (1 mile radius of site) IN ATTACHMENT A.
- 2. ATTACH A DETAILED SITE MAP(s) IN ATTACHMENT A.

	AT SITE MAPS MUST BE UPDATED AND REVISED AS SITE CONDITIONS CHANGE AND NEW BMPS ARE INTED.
	A CHECK MARK OR N/A AS APPROPRIATE IN THE FOLLOWING BOXES.
	LED SITE MAP CHECKLIST MUST INCLUDE THE FOLLOWING AS APPLICABLE:
N/A	
	EXISTING AND PROPOSED TOPOGRAPHY AND DRAINAGE PATTERNS (INCLUDING FLOW ONTO, OVER AND FROM THE SITE) BOTH BEFORE AND AFTER MAJOR GRADING ACTIVITIES DRAWN TO SCALE WITH NORTH ARROW. INCLUDE EXISTING TYPES OF COVER (E.G. FOREST, PAVEMENT, STRUCTURES), ETC.
	PROPERTY BOUNDARIES WITH THE PROJECT AREA CLEARLY IDENTIFIED.
	LOCATIONS WHERE CONSTRUCTION ACTIVITIES WILL OCCUR, NOTING ANY APPLICABLE PHASING. SHOW AREAS OF SOIL DISTURBANCE AND AREAS THAT WILL NOT BE DISTURBED.
	LOCATIONS WHERE SEDIMENT OR SOILS WILL BE STOCKPILED.
	LOCATIONS OF ANY CROSSING OF SURFACE WATERS.
	DESIGNATED POINTS ON THE SITE WHERE VEHICLES WILL EXIT ONTO PAVED ROADS.
	LOCATIONS OF CONSTRUCTION SUPPORT ACTIVITY AREAS COVERED BY THE PERMIT ($e.g.$ CONCRETE AND ASPHALT BATCH PLANTS).
	LOCATIONS OF TEMPORARY AND PERMANENT STORMWATER CONTROL MEASURES IDENTIFIED IN THIS SWPPP.
	LOCATIONS OF AREAS PROTECTED BY NATURAL BUFFERS INCLUDING THE BOUNDARY LINES OF ALL SUCH BUFFERS.
	LOCATIONS OF STRUCTURAL AND NON-STRUCTURAL STORMWATER CONTROLS IDENTIFIED IN SWPPP.
	LOCATIONS WHERE STABILIZATION CONTROL MEASURES AND PRACTICES ARE EXPECTED TO BE APPLIED.
	LOCATIONS WHERE VEHICLES AND EQUIPMENT WILL BE STORED AND MAINTAINED.
	LOCATIONS OF MATERIAL, BORROW, AND WASTE (INCLUDING CONCRETE WASHOUT AREAS).
	LOCATION OF ALL POTENTIAL POLLUTANT-GENERATING ACTIVITIES IDENTIFIED IN THIS SWPPP.
	LOCATIONS WHERE POLYMERS, FLOCCULANTS, OR OTHER TREATMENT CHEMICALS WILL BE USED AND STORED.
	GENERAL LOCATION(S) AND AERIAL EXTENT OF ALL RECEIVING WATERS, WETLANDS AND THEIR TRIBUTARIES (INCLUDING IMPAIRED AND TMDL LISTED WATERS) WITHIN A 1 MILE RADIUS OF THE PROJECT AREA).
	STORMWATER DISCHARGE LOCATIONS, USING ARROWS TO INDICATE DISCHARGE DIRECTIONS, INCLUDING:
	 LOCATION(S) WHERE STORMWATER AND/OR ALLOWABLE NON-STORMWATER DISCHARGES ARE DISCHARGED TO A WATER OF THE U.S. LOCATION(S) OF ANY DISCHARGES TO MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4S)
	LOCATION(S) OF ANY DISCHARGES TO MONICIPAL SEPARATE STORM SEWER STSTEMS (MIS4S) LOCATIONS OF ALL STEEP SLOPES. (PER EPA, THESE ARE DEFINED AS SLOPES THAT ARE 15% OR GREATER)
	LOCATIONS WHERE FINAL STABILIZATION HAS BEEN ACCOMPLISHED AND NO FURTHER CONSTRUCTION
	PERMIT REQUIREMENTS APPLY.
	LOCATION(S) OF TREES AND BOUNDARIES OF ENVIRONMENTALLY SENSITIVE AREAS AND BUFFER ZONES TO BE PRESERVED.
	LOCATION(S) OF FEDERALLY LISTED CRITICAL HABITAT FOR ENDANGERED OR THREATENED SPECIES.
	LOCATION(S) OF STRUCTURES AND OTHER IMPERVIOUS SURFACES UPON COMPLETION OF CONSTRUCTION.
	LEGEND IDENTIFYING ALL SYMBOLS, BMP NUMBERS OR ABBREVIATIONS USED.

RECEIVING WATERS

IDENTIFY THE NAME AND LOCATION OF ALL WATERWAYS (INCLUDING STREAMS DRAINAGES, LAKES OR WETLANDS), AND OTHER SPECIAL AQUATIC SITES AT OR RECEIVE DISCHARGE FROM THE CONSTRUCTION SITE. IF THE SITE WILL DRAIN TO DRAIN SYSTEM (i.e., drop inlets, curbs, gutters, roadside ditches), IDENTIFY THE INWHICH THE MUNICIPAL STORM DRAIN SYSTEM DISCHARGES.	NEAR THE SITE TO THE MUNICIPA	THAT WILL AL STORM
WHICH THE WORLD ALSTONIA DISCHARGES.		
IMPAIRED WATERS		
IS ANY DISCHARGE POINT FROM THE CONSTRUCTION SITE WITHIN ¼ MILE OF AN IMPAIRED OR TMDL LISTED WATER?	☐ YES	□ №
IF ANY DISCHARGE POINT FROM THE CONSTRUCTION SITE IS WITHIN ¼ MILE OF AN LISTED WATER, IDENTIFY ANY COMMON CONSTRUCTION-RELATED POLLUTANTS, S		
SEDIMENT-RELATED PARAMETERS, AND NUTRIENTS (INCLUDING NITROGEN AND P THE IMPAIRED OR TMDL LISTED WATER IS IMPAIRED FOR THAT MAY POTENTIALLY	• •	
CONSTRUCTION SITE, AND DESCRIBE ADDITIONAL OR ENHANCED CONTROL MEASU	JRES TO MINIM	ZE
DISCHARGES OF THESE SPECIFIC POLLUTANTS. THE 303(D) LIST OF IMPAIRED WATERS CAN BE FOUND ON THE NEVADA DIVISION OF ENVIRONMENTAL PROTECT	TON (NDEP), BU	
WATER QUALITY PLANNING (BWQP) WEBSITE. <u>HTTP://NDEP.NV.GOV/BWQP/303D</u>	ARCHIVE.HTIVI	

EROSION AND SEDIMENT CONTROLS

BEST MANAGEMENT PRACTICES (BMPS)

DESCRIBE EACH CONTROL MEASURE AND THE GENERAL SEQUENCE OF IMPLEMENTATION DURING THE CONSTRUCTION PROCESS. CLEARLY IDENTIFY BELOW THE BMPS THAT WILL BE USED FOR EACH OF THE MAJOR ACTIVITIES IDENTIFIED IN THE PROJECT DESCRIPTION & NATURE OF CONSTRUCTION ACTIVITIES ABOVE. ALSO INDICATE EACH OPERATOR THAT WILL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING EACH CONTROL MEASURE.

NOTE: Under the NDEP CGP and EPA CGP, the use of cationic treatment chemicals are ineligible for coverage under the permit, unless the Permittee notifies the respective agency in advance and obtains written authorization for use.

CONTROL MEASURES	ACTIVITY/AREA	OPERATOR

CONTROLMEASURES	ACTIVITY/AREA	OPERATOR

SUMMARY OF POTENTIAL POLLUTANT SOURCES

POTENTIAL POLLUTANT SOURCES
IDENTIFY ALL POTENTIAL SOURCES OF POLLUTION THAT MAY REASONABLY BE EXPECTED TO AFFECT THE QUALITY OF STORMWATER DISCHARGES FROM THE CONSTRUCTION SITE. ALSO IDENTIFY THE LOCATION OF AND DESCRIBE ANY POLLUTANT SOURCES, INCLUDING ANY NON-STORMWATER DISCHARGES EXPECTED TO BE ASSOCIATED WITH THE PROJECT, FROM AREAS OTHER THAN CONSTRUCTION (I.E. SUPPORT ACTIVITIES INCLUDING STORMWATER DISCHARGES FROM DEDICATED ASPHALT OR CONCRETE PLANTS, AND ANY OTHER NON-CONSTRUCTION POLLUTANT SOURCES SUCH AS FUELING AND MAINTENANCE OPERATIONS, MATERIALS STORAGE ON-SITE, WASTE PILES, EQUIPMENT STAGING YARDS, ETC.).
POTENTIAL POLLUTANT SOURCE 1
WHAT IS THE LOCATION OF THE POTENTIAL POLLUTANT SOURCE? (e.g. ROUTE, MILEPOST, OR STATION)
DESCRIBE THE POTENTIAL POLLUTANT SOURCE AND ITS POLLUTANTS OF CONCERN.
DESCRIBE THE BMP'S THAT WILL BE PROVIDED TO MINIMIZE STORMWATER POLLUTION FROM THE POTENTIAL POLLUTION SOURCE.
POTENTIAL POLLUTANT SOURCE 2
WHAT IS THE LOCATION OF THE POTENTIAL POLLUTANT SOURCE? (e.g. ROUTE, MILEPOST, OR STATION)
DESCRIBE THE POTENTIAL POLLUTANT SOURCE AND ITS POLLUTANTS OF CONCERN.
DESCRIBE THE BMP'S THAT WILL BE PROVIDED TO MINIMIZE STORMWATER POLLUTION FROM THE POTENTIAL POLLUTION SOURCE.

POTENTIAL POLLUTANT SOURCE 3
WHAT IS THE LOCATION OF THE POTENTIAL POLLUTANT SOURCE? (e.g. ROUTE, MILEPOST, OR
STATION)
DESCRIBE THE POTENTIAL POLLUTANT SOURCE AND ITS POLLUTANTS OF CONCERN.
DESCRIBE THE BMP'S THAT WILL BE PROVIDED TO MINIMIZE STORMWATER POLLUTION FROM THE
POTENTIAL POLLUTION SOURCE.
POTENTIAL POLLUTANT SOURCE 4
POTENTIAL POLLUTANT SOURCE 4 WHAT IS THE LOCATION OF THE POTENTIAL POLLUTANT SOURCE? (e.g. ROUTE, MILEPOST, OR
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WHAT IS THE LOCATION OF THE POTENTIAL POLLUTANT SOURCE? (e.g. ROUTE, MILEPOST, OR STATION) DESCRIBE THE POTENTIAL POLLUTANT SOURCE AND ITS POLLUTANTS OF CONCERN.
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ATTACH ADDITIONAL PAGES WHEN NECESSARY TO PROVIDE THE REQUIRED INFORMATION.

SPILL PREVENTION AND RESPONSE

MATERIALS STORAGE, SPILL PREVENTION AND RESPONSE
PROVIDE A DESCRIPTION OF THE CONSTRUCTION MATERIALS AND CHEMICALS THAT ARE EXPECTED TO BE
STORED ONSITE, WITH UPDATES AS APPROPRIATE. DESCRIBE THE BMPS THAT WILL BE PROVIDED TO ENSURE
PROPER STORAGE OF THESE CONSTRUCTION MATERIALS AND WILL MINIMIZE THEIR EXPOSURE TO
STORMWATER. DESCRIBE THE PROCEDURES TO PREVENT AND RESPOND TO SPILLS, LEAKS, AND OTHER
RELEASES. OTHER EXISTING SPILL PREVENTION PLANS, SUCH AS THE SPILL PREVENTION CONTROL AND
COUNTERMEASURE (SPCC) PLANS DEVELOPED FOR THE CONSTRUCTION ACTIVITY UNDER PART 311 OF THE
CLEAN WATER ACT (CWA), OR SPILL CONTROL PROGRAMS OTHERWISE REQUIRED BY NDEP PERMITS FOR THE
CONSTRUCTION ACTIVITY, MAY BE REFERENCED IN THE SWPPP PROVIDED THAT COPIES OF THESE
DOCUMENTS ARE KEPT ONSITE.
CONTAINER LABELING
DESCRIBE PROCEDURES FOR PLAINLY LABELING CONTAINERS (E.G. USED OIL, PESTICIDES, ETC.) THAT COULD BE
SUSCEPTIBLE TO SPILLAGE OR LEAKAGE TO ENCOURAGE PROPER HANDLING AND FACILITATE RAPID RESPONSE
IN THE EVENT SPILLS OR LEAKS OCCUR.
THE EVENT STILLS ON LEAKS OCCON.
PREVENTATIVE MEASURES
DESCRIBE PREVENTATIVE MEASURES SUCH AS BARRIERS BETWEEN MATERIAL STORAGE AND TRAFFIC AREAS,
SECONDARY CONTAINMENT PROVISIONS, AND GENERAL PROCEDURES FOR MATERIAL STORAGE AND HANDLING.

SPILL/LEAK STOPPAGE, CONTAINMENT AND CLEANING
DESCRIBE PROCEDURES FOR EXPEDITIOUSLY STOPPING, CONTAINING, AND CLEANING UP SPILLS, LEAKS, AND
OTHER RELEASES. IDENTIFY THE NAME AND POSITION OF THE EMPLOYEE(S) RESPONSIBLE FOR DETECTING AND
RESPONDING TO SPILL OR LEAKS.
CDILL /LEAV NOTIFICATION
SPILL/LEAK NOTIFICATION
DESCRIBE PROCEDURES FOR NOTIFICATION OF APPROPRIATE FACILITY PERSONNEL, EMERGENCY RESPONSE
AGENCIES, AND REGULATORY AGENCIES WHERE A LEAK, SPILL, OR OTHER RELEASE CONTAINING A HAZARDOUS
SUBSTANCE OR OIL IN AN AMOUNT EQUAL TO OR IN EXCESS OF A REPORTABLE QUANTITY ESTABLISHED UNDER 40
CODE OF FEDERAL REGULATIONS (CFR) PART 110, 40 CFR PART 117, OR 40 CFR PART 302, OCCURS DURING A
24-HOUR PERIOD. CONTACT INFORMATION OF THE APPROPRIATE PERSONNEL SHALL BE POSTED IN LOCATIONS
THAT ARE READILY ACCESSIBLE AND AVAILABLE.
FACILITY PERSONNEL
EMERGENCY RESPONSE AGENCIES
REGULATORY AGENCIES

WASTE MANAGEMENT PROCEDURES

CONSTRUCTION WASTE STORAGE AND DISPOSAL
DESCRIBE THE CONSTRUCTION WASTES THAT ARE EXPECTED TO BE GENERATED ONSITE. CONSTRUCTION WASTE INCLUDE CONCRETE WASHOUT, EXCESS BUILDING MATERIALS, CHEMICALS, AND SEDIMENT REMOVED FROM THE SITE, LITTER AND DEBRIS. DESCRIBE THE BMPS THAT WILL BE USED TO TEMPORARILY STORE THESE WASTES, AND HOW THEY WILL BE COLLECTED AND DISPOSED.
HAZARDOUS MATERIAL AND SANITARY WASTE STORAGE AND DISPOSAL
HAZARDOUS IVIATERIAL AIND SAINTTARY WASTE STORAGE AIND DISPOSAL
PROVIDE A DESCRIPTION OF HAZARDOUS AND SANITARY OR SEPTIC WASTES THAT ARE EXPECTED TO BE GENERATED ONSITE. DESCRIBE HOW THESE WASTES WILL BE TEMPORARILY STORED, COLLECTED AND DISPOSED.
VEHICLE TRACK-OUT CONTROLS
PROVIDE A DESCRIPTION OF THE CONTROL MEASURES THAT WILL BE IMPLEMENTED TO CONTROL TRACK-OUT AND THE MEASURES THAT WILL BE USED TO REMOVE ANY SEDIMENTS THAT HAVE BEEN DEPOSITED ON PAVED SURFACES FROM CONSTRUCTION EQUIPMENT EXITING THE PROJECT AREA.

POST CONSTRUCTION STORMWATER MANAGEMENT

STORMWATER MANAGEMENT CONTROLS PROVIDE A DESCRIPTION OF THE MEASURES INSTALLED DURING CONSTRUCTION THAT WILL BE USED TO CONTROL POLLUTANTS IN STORMWATER DISCHARGES BETWEEN THE TIME CONSTRUCTION ACTIVITIES HAVE CEASED AND FINAL SITE STABILIZATION HAS BEEN ACHIEVED. THESE STORMWATER MANAGEMENT CONTROLS INCLUDE BUT ARE NOT LIMITED TO SEDIMENT RETENTION BASINS, INFILTRATION TRENCHES, VEGETATED SWALES AND RIP RAP. LOCATION/AREA **CONTROL MEASURE**

INSPECTION/MAINTENANCE PROCEDURES

THE CONTRACTOR OR HIS QUALIFIED AGENT IS REQUIRED TO INSPECT ALL DISTURBED AREAS, AREAS USED FOR STORAGE OF MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, VEHICLE ENTRANCE AND EXIT LOCATIONS AND ALL EROSION AND SEDIMENT CONTROL BMPS. INSPECTIONS SHALL AT A MINIMUM OCCUR WEEKLY, PRIOR TO FORECASTED RAIN EVENTS, AND WITHIN 24 HOURS AFTER A RAIN EVENT OF 0.25 INCHES OR GREATER DURING A 24 HOUR PERIOD. NDOT SPECIFICATIONS REQUIRE PLACEMENT OF A RAIN GAUGE ON ALL PROJECTS TO MEASURE THE ACTUAL RAINFALL.

1. INSPECTION PROCEDURES
DESCRIBE THE PRACTICES, PROCEDURES, AND PROTOCOLS OPERATORS WILL FOLLOW FOR
CONDUCTING SITE INSPECTIONS.
IDENTIFY THE PERSONNEL RESPONSIBLE FOR CONDUCTING THE INSPECTIONS.
PROVIDE THE INSPECTION SCHEDULE THAT WILL BE FOLLOWED BASED ON WHETHER THE SITE IS
SUBJECT TO ROUTINE INSPECTION FREQUENCY, OR WHETHER THE SITE QUALIFIES FOR A REDUCED
INSPECTION FREQUENCY PER THE APPLICABLE CONSTRUCTION GENERAL PERMIT. IF THE SITE (OR
PORTIONS OF THE SITE) QUALIFIES FOR A REDUCED INSPECTION SCHEDULE INCLUDE THE BEGINNING
AND ENDING DATES OF THE REDUCED INSPECTION PERIOD.

ATTACH ALL INSPECTION DOCUMENTATION TO THE SWPPP. ATTACH ALL DOCUMENTED FINDINGS
FOR EACH SITE INSPECTION TO THE END OF THE SWPPP. INSPECTION DOCUMENTATION
REQUIREMENTS ARE OUTLINED IN THE APPLICABLE PERMIT. NDOT SPECIFICATIONS REQUIRE THE
USE OF THE DEPARTMENT FURNISHED INSPECTION FORM. INCLUDE INSPECTION FORMS, RECORDS
OF CORRECTIVE ACTIONS, ETC.
3. MAINTENANCE PROCEDURES
DESCRIBE MAINTENANCE PROCEDURES THAT OPERATORS WILL FOLLOW FOR MAINTAINING THEIR
STORMWATER CONTROL MEASURES.
STORIWIWATER CONTROL MEASURES.
4. CORRECTIVE ACTION PROCEDURES
DESCRIBE THE PRACTICES PROCEDURES PROTOCOLS OPERATORS WILL FOLLOW FOR TAKING ANY
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2. INSPECTION DOCUMENTATION

ADDITIONAL INFORMATION

PROVIDE ANY ADDITIONAL PERTINENT INFORMATION. 1. CONTROL MEASURE ADDITION/REPAIR/MODIFICATION FOLLOWING AN INSPECTION IN ACCORDANCE WITH THE APPLICABLE PERMIT, IF IT IS DETERMINED THAT THE INSTALLATION OF ADDITIONAL CONTROL MEASURES, OR SIGNIFICANT REPAIR OR MODIFICATION OF AN EXISTING CONTROL MEASURE IS REQUIRED, AND IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICAL, DOCUMENT THE REASON(S) FOR THE DELAY. IDENTIFY AND DESCRIBE THE MODIFICATIONS MADE TO THE CONTROL MEASURES. 2. DEPARTURES FROM DESIGN SPECIFICATIONS EXPLAIN ANY DEPARTURES FROM DESIGN SPECIFICATIONS FOR THE INSTALLATION OF STORMWATER CONTROL MEASURES.

3. CULVERT STABILIZATION
IF CULVERTS ARE PRESENT ON THE SITE, DESCRIBE THE MEASURES IMPLEMENTED TO SUFFICIENTLY
MINIMIZE THE THREAT OF EROSION AT CULVERT LOCATIONS TO PREVENT THE FORMATION OF RILLS
AND GULLIES DURING CONSTRUCTION.
THE COLLES BORING CONSTRUCTION.
4 SDECIAL CONSTRUCTION DISTURDANCES
4. SPECIAL CONSTRUCTION DISTURBANCES
IF THE PROJECT INVOLVES CONSTRUCTION APPROVED UNDER A CWA SECTION 404 PERMIT,
WORKING IN WATERWAY PERMIT, OR CONSTRUCTION OF A WATER-DEPENDENT STRUCTURE OR
WATER ACCESS AREA (E.G. PIER, BOAT RAMP, TRAIL), DOCUMENT THE CONSTRUCTION BELOW AND
MAKE SPECIFIC REFERENCE TO THIS ON THE SITE MAP.
5. LINEAR CONSTRUCTION PROJECTS
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TRACK OUT (LINEAR CONSTRUCTION PROJECTS)
a. TRACK-OUT (LINEAR CONSTRUCTION PROJECTS)
IF SITE CONDITIONS MAKE IT INFEASIBLE TO INSTALL STRUCTURAL CONTROLS TO PREVENT TRACK-
OUT (E.G. LINEAR PAVING PROJECT), EXPLAIN WHY SUCH CONTROLS CANNOT BE INSTALLED AND
DESCRIBE THE ALTERNATIVE MEASURES THAT WILL BE USED TO PREVENT, MONITOR AND
REMEDIATE TRACK-OUT SEDIMENT FORM ROADWAYS.
6. SEDIMENT OR STOCKPILES
IF IT IS INFEASIBLE TO PLACE SEDIMENT OR STOCKPILES AWAY FROM STORMWATER CONVEYANCES
EXPLAIN WHY IT IS INFEASIBLE TO DO SO AND NOTE THE APPROPRIATE SEDIMENT
CONTROL MEASURES SELECTED AND DESCRIBE ADDITIONAL OR ENHANCED CONTROL MEASRES TO
MINIMIZE DICHARGES FROM STOCKPILES.
7. NON-VEGETATIVE FINAL STABILIZATION METHODS
DESCRIBE ALL NON-VEGETATIVE STABILIZATION METHODS EMPLOYED ON THE SITE FOR FINAL
STABILIZATION.

8. DISCHARGES TO IMPAIRED WATERBODIES <u>WITHOUT</u> ESTABLISHED TOTAL MAXIMUM DAILY LOADS
IF THE SITE DISCHARGES TO A WATER QUALITY-IMPAIRED WATER IN THE CURRENT 303(D) IMPAIRED WATER BODY LISTING FOR WHICH THERE IS NO TOTAL MAXIMUM DAILY LOAD ESTABLISHED, DESCRIBE THE CONDITION FOR WHICH THE WATER HAS BEEN LISTED AND INCLUDE A
DEMONSTRATION THAT THE BMPS THAT ARE SELECTED FOR IMPLEMENTATION WILL BE SUFFICIENT TO ENSURE THAT DISCHARGES WILL NOT CAUSE OR CONTRIBUTE TO AN EXCEEDANCE OF AN APPLICABLE WATER QUALITY STANDARD.
9. DISCHARGES TO IMPAIRED WATERBODIES <u>WITH ESTABLISHED TOTAL MAXIMUM DAILY LOADS</u>
IF THE SITE DISCHARGES TO A WATERBODY WITH AN ESTABLISHED TOTAL MAXIMUM DAILY LOAD (TMDL) COMPLY WITH ALL APPLICABLE TMDL REQUIREMENTS. IF A TMDL HAS NOT BEEN ESTABLISHED, DESCRIBE THE CONDITION FOR WHICH THE WATER HAS BEEN LISTED AND INCLUDE A DEMONSTRATION THAT THE BMPS THAT ARE SELECTED FOR IMPLEMENTATION WILL BE SUFFICIENT TO ENSURE THAT DISCHARGES WILL NOT CAUSE OR CONTRIBUTE TO AN EXCEEDANCE OF AN APPLICABLE STATE WATER QUALITY STANDARD.
10. SEDIMENT BASIN DISCHARGES
IF UTILIZING OUTLET STRUCTURES TO WITHDRAW WATER FROM THE SURFACE OF A SEDIMENT BASIN IN ORDER TO MINIMIZE THE DISCHARGE OF POLLUTANTS IS DETERMINED TO BE INFEASIBLE, EXPLAIN WHY IT INFEASIBLE AND ATTACH ANY PERTINENT DOCUMENTATION TO THE END OF THE SWPPP.
WITH THE INTERSIBLE AND ATTACH ANT PERTINENT DOCUMENTATION TO THE END OF THE SWPPP.

11. ADDITIONAL DISCHARGE REQUIREMENTS
WHERE NDEP OR THE EPA DETERMINES IT IS NECESSARY TO IMPOSE ADDITIONAL REQUIREMENTS TO
DISCHARGE, ATTACH A COPY OF ANY CORRESPONDENCE DESCRIBING SUCH REQUIREMENTS TO THE
END OF THE SWPPP, AND DESCRIBE THE STORMWATER CONTROL MEASURES THAT WILL BE USED TO
MEET SUCH REQUIREMENTS.

DOCUMENTATION REQUIREMENTS

PROVIDE THE FOLLOWING INFORMATION.

1. NOTICE OF INTENT (NOI)

ATTACH A COPY OF THE SIGNED ELECTRONIC NOI CERTIFICATION PAGE SUBMITTED TO THE NDEP AND/OR (EPA FOR TRIBAL LANDS) TO THE END OF THE SWPPP.

2. APPROVAL LETTER

ATTACH A COPY OF THE APPROVAL LETTER RECEIVED FROM NDEP AND/OR EPA TO THE END OF THE SWPPP.

3. PERMIT

ATTACH A COPY OF THE PERMIT TO THE END OF THE SWPPP.

4. SIGNIFICANT SPILLS/LEAKS/RELEASES

DESCRIBE ANY INCIDENCES OF SIGNIFICANT SPILLS LEAKS, OR OTHER RELEASES THAT RESULTED IN DISCHARGES OF POLLUTANTS IN STORMWATER TO A REGULATED MS4 OR WATERS OF THE STATE OF NEVADA THAT MEET THE DEFINITION OF WATERS OF THE U.S. INCLUDE THE DATE OF THE OCCURRENCE, THE CIRCUMSTANCES LEADING TO THE RELEASE, ACTIONS TAKEN IN RESPONSE TO THE RELEASE, AND MEASURES IMPLEMENTED TO PREVENT RECURRENCE OF SUCH RELEASE(S).

5. STRUCTURAL CONTROL MEASURE REPAIRS

ATTACH TO THE END OF THE SWPPP, DOCUMENTATION OF REPAIRS MADE TO STRUCTURAL CONTROL MEASURES. THIS DOCUMENTATION SHALL INCLUDE THE DATE(S) OF DISCOVERY OF AREAS IN NEED OF REPAIR/REPLACEMENT, DATE(S) THAT THE STRUCTURAL CONTROL MEASURE(S) RETURNED TO FULL FUNCTION, AND JUSTIFICATION FOR PROLONGED REPAIR SCHEDULES.

6. INSPECTION REPORTS

ATTACH A COPY OF ALL SELF-PERFORMED INSPECTION REPORTS TO THE END OF THE SWPPP.

7. CORRECTIVE ACTION

DESCRIBE ANY CORRECTIVE ACTIONS TAKEN AT THE SITE. INCLUDE EVENTS AND DATES WHEN PROBLEMS WERE DISCOVERED AND WHAT MODIFICATIONS OCCURRED.

8. BUFFER DOCUMENTATION

IF THE SITE'S DISTURBANCE AREA IS LOCATED WITHIN 50-FEET OF SURFACE WATER, ATTACH BUFFER DOCUMENTATION TO THE END OF THE SWPPP.

9. EMPLOYEE TRAINING RECORDS/CERTIFICATIONS

ATTACH RECORDS OF THE EMPLOYEE TRAINING/CERTIFICATION TO THE END OF THE SWPPP. RECORDS SHALL INCLUDE THE DATE THE TRAINING WAS RECEIVED AND APPLICABLE EXPIRATION DATES.

10. PLANS REQUIRED BY OTHER AGENCIES

THE SWPPP MAY INCORPORATE BY REFERENCE THE APPROPRIATE ELEMENTS OF PLANS REQUIRED BY OTHER AGENCIES. ATTACH A COPY OF THE REQUIREMENTS INCORPORATED BY REFERENCE TO THE END OF THE SWPPP.

11. DEMINIMIS DISCHARGES

FOR DEMINIMIS DISCHARGES COVERED UNDER THE NDEP CGP, DESCRIBE THE DISCHARGE, PROVIDE THE BEGINNING AND END DATES OF THE DISCHARGE, AND ATTACH TO THE END OF THE SWPPP A COPY OF ALL RELATIVE DOCUMENTATION TO INCLUDE BUT NOT BE LIMITED TO COPIES OF ALL DISCHARGE MONITORING REPORTS, CHAIN OF CUSTODY FORMS AND THE LABORATORY ANALYSIS

DOCUMENTATION OF COMPLIANCE WITH <u>EPA CGP REQUIRED PERMITTED SITES</u> (Tribal Lands)

PROVIDE THE FOLLOWING DOCUMENTATION AS AN ATTACHEMENT

1. ENDANGERED SPECIES PROTECTION

Instructions (see EPA CGP Parts 1.1.e, 7.2.14.1, Appendix D, and the "Endangered Species Protection" section of the Appendix J – NOI form)

2. HISTORIC PRESERVATION

Instructions (see EPA CGP Part 1.1.f, 7.2.14.2, Appendix E, and the "Historic Preservation" section of the Appendix J – NOI form)

3. SAFE DRINKING WATER ACT UNDERGROUND INJECTION CONTROL REQUIREMENTS Instructions (see CGP Part 7.2.14.3):

— If you will use any of the identified controls in this section, include documentation of contact between you and the EPA Regional Office responsible for implementing the requirements for underground injection wells in the Safe Drinking Water Act and EPA's implementing regulations at 40 CFR Parts 144-147.

CERTIFICATIONS OF COMPLIANCE

THIS SWPPP MUST BE CERTIFIED THAT IT IS CONSISTENT WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, OR OTHER APPROVED SITE PLANS OR PERMITS. IT IS TO BE PREPARED IN ACCORDANCE WITH THE NEVADA DEPARTMENT OF TRANSPORTATION BEST MANAGEMENT PRACTICES (BMPS) MANUAL. THIS SWPPP MUST BE UPDATED AS NECESSARY TO REMAIN CONSISTENT WITH CHANGES IN OTHER SITE PLANS THAT EFFECT SOIL DISTURBING ACTIVITIES, SITE DRAINAGE PATTERNS OR ANY OTHER ACTIVITY THAT MAY IMPACT STORMWATER RUNOFF QUALITY. IT MUST ALSO BE RE-CERTIFIED ANNUALLY BY JULY 1 UNTIL THE CONSTRUCTION PROJECT IS COMPLETE AND A NOTICE OF TERMINATION HAS BEEN SUBMITTED TO NDEP.

1. OWNER/OPERATOR CERTIFICATION STATEMENT

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

KNOWING VIOLATIONS.		
INITIAL CERTIFICATION:		
PRINT NAME	TITLE	
SIGNATURE	DATE	
ANNUAL RE-CERTIFICATION:		
PRINT NAME	TITLE	
SIGNATURE	DATE	

ALL CONTRACTORS AND SUBCONTRACTORS RESPONSIBLE FOR IMPLEMENTING POLLUTION CONTROL MEASURES MUST BE IDENTIFIED IN THIS SWPPP WITH THE MEASURES FOR WHICH THEY ARE RESPONSIBLE. THEY MUST ALSO SIGN THE FOLLOWING CERTIFICATION STATEMENT THAT INDICATES THEY UNDERSTAND THE REQUIREMENTS OF THE STATE'S GENERAL PERMIT FOR CONSTRUCTION ACTIVITIES (ATTACH COPY OF PERMIT).

2. CONTRACTOR'S CERTIFICATION STATEMENT

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE STATE'S GENERAL PERMIT (NVR100000) THAT AUTHORIZES STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

COMPANY 1		ADDRESS
CITY	STATE	PHONE NO.
PRINT NAME		TITLE
SIGNATURE		DATE
RESPONSIBILITIES		
COMPANY 2		ADDRESS
CITY	STATE	PHONE NO.
PRINT NAME		TITLE
SIGNATURE		DATE
RESPONSIBILITIES		

ATTACHEMENT A

Page

SITE MAP

SITE PROFILES

TOPO MAP

DISTURBED AREAS, SURROUNDING WATERS MAP

INSPECTION FORM

ATTACHMENT B