

# Stormwater Pollution Prevention Plan (SWPPP)

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## Site / Owner / Operator

Provide site, owner, and operator information.

Site	
ID Number	CSW-
Name	
Address Line 1	
Address Line 2	
City	
State	
Zip Code	
Contact Name	
Phone Number	
Email Address	

Owner	
Name	
Address Line 1	
Address Line 2	
City	
State	
Zip Code	
Contact Name	
Phone Number	
Email Address	

Operator 1	
Name	
Address Line 1	
Address Line 2	
City	
State	
Zip Code	
Contact Name	
Title	
Phone Number	
Email Address	
If there is more than one operator, identify the areas and phases over which Operator 1 has control.	

<b>Operator 2</b>	
Name	
Address Line 1	
Address Line 2	
City	
State	
Zip Code	
Contact Name	
Title	
Phone Number	
Email Address	
Identify the areas and phases over which Operator 2 has control.	

<b>Operator 3</b>	
Name	
Address Line 1	
Address Line 2	
City	
State	
Zip Code	
Contact Name	
Title	
Phone Number	
Email Address	
Identify the areas and phases over which Operator 3 has control.	

## Stormwater Team

List the name, title, and individual responsibilities for each member of the stormwater team. The stormwater team is responsible for overseeing the development of the SWPPP, any modifications to the SWPPP, and compliance with the requirements of the Construction Stormwater General Permit NVR100000 (hereinafter referred to as the "Permit"). The team may include members who are not employed by the operator (such as third party consultants).

Stormwater Team Member 1	
Name	
Title	
Responsibilities	

Stormwater Team Member 2	
Name	
Title	
Responsibilities	

Stormwater Team Member 3	
Name	
Title	
Responsibilities	

Stormwater Team Member 4	
Name	
Title	
Responsibilities	

Stormwater Team Member 5	
Name	
Title	
Responsibilities	

## Nature of Construction Activities

Describe the nature of the construction activities, including the size of the property and the total area expected to be disturbed by construction activities, construction support activity areas covered by the Permit, and the maximum area expected to be disturbed at any one time.

### Nature of Construction Activities

What is the size of the property?	acres
What is the total area expected to be disturbed by construction activities?	acres
What is the maximum area expected to be disturbed at any one time?	acres

Describe the construction support activity areas covered by the Permit. Construction support activities covered by the Permit are described in Permit section 1.2.1.2 and defined on page 40 of the Permit.

## **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 reestablish 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 state or local declaration). Attach supporting documentation to the end of the SWPPP.

### **Necessary Construction**

Describe the construction necessary to reestablish 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 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?

When will the stormwater control measures be made operational?

Explain the sequence and schedule for installation of stormwater control measures.

### Construction Activities

What is the estimated start date of construction activities?

\_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

What is the estimated duration of construction activities?

Describe the intended sequence of construction activities. Construction activities include clearing and grubbing, grading, site preparation (i.e., excavating, cutting, and filling), final grading, and creation of soil and vegetation stockpiles requiring stabilization.

<b>Cessation of Construction Activities</b>		
What is the estimated start date for the cessation of construction activities?	_____ / _____ / _____	
Will the cessation of construction activities be temporary or permanent?	Temporary	Permanent
If the cessation of construction activities will be temporary, provide the estimated duration of the cessation of construction activities.		
Will the cessation of construction activities occur on the entire site (100%) or in designated portions of the site?	100%	Designated Portions
If the cessation of construction activities will occur in designated portions of the site, identify the designated portions of the site where the cessation of construction activities will occur.		

<b>Stabilization of Areas of Exposed Soil</b>		
What is the estimated start date for the <i>temporary</i> stabilization of areas of exposed soil?	_____ / _____ / _____	
What is the estimated duration of the <i>temporary</i> stabilization of areas of exposed soil?		
What is the estimated start date for the <i>final</i> stabilization of areas of exposed soil?	_____ / _____ / _____	
What is the estimated duration of the <i>final</i> stabilization of areas of exposed soil?		
Note: The dates for stabilization shall reflect the applicable deadlines in Permit section <u>3.6 Site Stabilization Requirements, Schedules, and Deadlines</u> .		

<b>Departures from Initial Projections</b>
If departures from initial projections for any of the activities on pages 6 and 7 of this SWPPP are necessary, identify and describe such departures. Alternatively, documentation describing such departures may be attached to the end of the SWPPP.

## Site Description

Provide the following construction site information.

Site Description					
Project Name					
Project Address					
Project City					
Project County					
Project APN					
Describe the site and its intended use after the Notice of Termination is filed (e.g., low density residential, shopping mall, highway, etc.)					
What is the total area of the site?	acres				
What is the estimated total area of the site expected to be disturbed by construction activities, including off-site supporting activities, borrow and fill areas, and staging and equipment storage areas?	acres				
What percentage of the site is impervious before and after construction?	<table style="width: 100%; border: none;"> <tr> <td style="border: none;">Before:</td> <td style="text-align: right; border: none;">%</td> </tr> <tr> <td style="border: none;">After:</td> <td style="text-align: right; border: none;">%</td> </tr> </table>	Before:	%	After:	%
Before:	%				
After:	%				
Describe the soils at the site, including the potential for erosion.					
For areas where it is infeasible to maintain a 50-foot buffer in accordance with Permit section <u>3.5.1</u> , provide the reasons why the 50-foot buffer cannot be maintained, identify and describe the alternative additional erosion and sediment controls that were selected for the site, document the natural buffer width retained on the property, and attach any relevant documentation to the end of the SWPPP.					
Identify and describe all on-site and off-site material storage areas, including overburden, stockpiles of dirt, borrow areas, etc.					
<p>Attach a general location map to the end of the SWPPP. The map should contain enough detail to identify the following items:</p> <ul style="list-style-type: none"> <li>the location of the construction site and one-mile radius</li> <li>the waters of the State of Nevada, including tributaries, within a one-mile radius of the site</li> </ul>					

## Site Map(s)

Attach a site map or series of maps to the end of the SWPPP.

### Site Map(s)

Attach, to the end of the SWPPP, a legible site map or series of maps completed to scale. The map(s) should show the entire site and identify all of the items listed below. Check the box next to each item to confirm that the item is identified on the map(s).

	Topography of the site, existing types of cover (e.g., forest, pasture, pavement, structures), and drainage pattern(s) of flow onto, over, and from the site both before and after major grading activities
	Areas of soil disturbance and areas that will not be disturbed
	Boundaries of the property
	Locations where construction activities will occur, noting any phasing
	Locations where sediment or soil will be stockpiled
	Locations of any crossings of surface waters
	Designated points on the site where vehicles will exit onto paved road
	Locations of construction support activity areas covered by the Permit
	Locations of temporary and permanent stormwater control measures identified in this SWPPP
	Locations where stabilization control measures are expected to occur
	Areas protected by buffers (i.e., either the 50-foot buffer or other buffer areas retained on site when within 50 feet of perennial water) consistent with Permit section <u>3.5.1</u> , as well as the boundary line of all such buffers
	Locations of on-site material, waste, borrow areas or equipment storage areas, and other supporting activities (per Permit section 1.2.1.2)
	Locations of all potential pollutant-generating activities identified on pages 14-15 of this SWPPP
	Locations of all surface waters and any impaired waters within ¼ mile of the site
	Stormwater discharge locations, using arrows to indicate discharge directions, including: <ul style="list-style-type: none"> <li>• locations where stormwater and/or allowable non-stormwater discharges are discharged to a Water of the U.S.</li> <li>• locations of any discharges to municipal separate storm sewer systems (MS4s) from the construction site</li> </ul>
	Areas where final stabilization has been accomplished and no further construction permit requirements apply
	Location of trees and boundaries of environmentally sensitive areas and buffer zones to be preserved

## Receiving Waters

Identify the receiving waters.

### Receiving Waters

Identify the name of the receiving water(s) and the areal extent and description of wetland or other special aquatic sites at or near the site which will be disturbed or which will receive discharges from disturbed areas of the construction site.

### Impaired Water

Is any discharge point from the construction site within ¼ mile of impaired water?

Yes

No

If any discharge point from the construction site is within ¼ mile of impaired water, identify any common construction-related pollutants, such as sediment, sediment-related parameters, and nutrients (including nitrogen and phosphorous), listed on the 303(d) list that may potentially be discharged from the construction site and describe additional or enhanced control measures to minimize discharges of these pollutants. The 303(d) list can be found on the Nevada Division of Environmental Protection (NDEP), Bureau of Water Quality Planning (BWQP) website (<https://ndep.nv.gov/water/rivers-streams-lakes/water-quality-standards/303d-305b-water-quality-integrated-report>).

## Stormwater Control Measures

Describe the stormwater control measures that will be used during construction activity.

### Stormwater Control Measures

Identify and describe all control measures as required by Permit section 3.0 that will be implemented and maintained as part of the construction project to reduce and control pollutants in stormwater discharges from the construction site. Include control measures used at support activity areas.

#### Control Measure 1

#### Control Measure 2

#### Control Measure 3

#### Control Measure 4

#### Control Measure 5

#### Control Measure 6

**Stormwater Control Measures for Major Construction Activities**

For each major construction activity at the site, describe the appropriate control measures and the general timing (or sequence) during the construction process that the measure will be implemented and identify the operator responsible for implementation of the control measures. Fill out one table for each major construction activity.

**Construction Activity 1**

Identify the type of construction activity.

Describe the control measure(s) used for this activity.

Describe the general timing/sequence during the construction process that the measure(s) will be implemented.

Which operator is responsible for implementation of this control measure?

**Construction Activity 2**

Identify the type of construction activity.

Describe the control measure(s) used for this activity.

Describe the general timing/sequence during the construction process that the measure(s) will be implemented.

Which operator is responsible for implementation of this control measure?

**Construction Activity 3**

Identify the type of construction activity.

Describe the control measure(s) used for this activity.

Describe the general timing/sequence during the construction process that the measure(s) will be implemented.

Which operator is responsible for implementation of this control measure?

**Construction Activity 4**

Identify the type of construction activity.

Describe the control measure(s) used for this activity.

Describe the general timing/sequence during the construction process that the measure(s) will be implemented.

Which operator is responsible for implementation of this control measure?

**Construction Activity 5**

Identify the type of construction activity.

Describe the control measure(s) used for this activity.

Describe the general timing/sequence during the construction process that the measure(s) will be implemented.

Which operator is responsible for implementation of this control measure?

**Construction Activity 6**

Identify the type of construction activity.

Describe the control measure(s) used for this activity.

Describe the general timing/sequence during the construction process that the measure(s) will be implemented.

Which operator is responsible for implementation of this control measure?

## Potential Pollutant Sources

Identify and describe any pollutant sources expected to be associated with the project.

### 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 stored on-site, waste piles, equipment staging yards, etc.).

#### Potential Pollutant Source 1

What is the location of the potential pollutant source?

Describe the potential pollutant source.

#### Potential Pollutant Source 2

What is the location of the potential pollutant source?

Describe the potential pollutant source.

#### Potential Pollutant Source 3

What is the location of the potential pollutant source?

Describe the potential pollutant source.

**Potential Pollutant Source 4**

What is the location of the potential pollutant source?

Describe the potential pollutant source.

**Potential Pollutant Source 5**

What is the location of the potential pollutant source?

Describe the potential pollutant source.

**Potential Pollutant Source 6**

What is the location of the potential pollutant source?

Describe the potential pollutant source.

**Potential Pollutant Source 7**

What is the location of the potential pollutant source?

Describe the potential pollutant source.

## Spill Prevention & Response

Describe 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 provided that a copy of that other plan is kept onsite with the SWPPP. Attach a copy of any referenced plan(s) to the end of the SWPPP.

### 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 as spills or leaks occur.

### Preventive Measures

Describe preventive measures such as barriers between material storage and traffic areas, secondary containment provisions, and 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 or position of the employee(s) responsible for detecting and responding to spills or leaks.

**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 shall be in locations that are readily accessible and available.

**Facility Personnel**

**Emergency Response Agencies**

**Regulatory Agencies**

## Waste Management

Describe procedures for handling and disposing of all wastes generated at the site.

### Waste Management Procedures

Describe procedures for handling and disposing of all wastes generated at the site, including, but not limited to, clearing and demolition debris, sediment removed from the site, construction and domestic waste, hazardous or toxic waste, and sanitary waste.

## Documentation Requirements

Provide the following information.

### Notice of Intent (NOI)

Attach, to the end of the SWPPP, a copy of the signed electronic NOI certification page submitted to the NDEP.

### Approval Letter

Attach, to the end of the SWPPP, a copy of the approval letter received from the NDEP.

### Permit

Attach a copy of the Permit to the end of the SWPPP.

### 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 occurrence, the circumstances leading to the release, actions taken in response to the release, and measures taken to prevent recurrence of such releases.

### Structural Control Measure Repairs

Attach, to the end of the SWPPP, documentation of repairs made to structural control measures. Such 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 the justification for any extended repair schedules.

### Inspection Reports

Attach, to the end of the SWPPP, all inspection reports including post-storm event inspections.

**Corrective Action**

Describe any corrective action taken at the site. Include events and dates when problems were discovered and modification occurred.

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**Buffer Documentation**

If the site's disturbance area is located within 50 feet of perennial water, attach buffer documentation to the end of the SWPPP.

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**Employee Training Records**

Attach records of employee training to the end of the SWPPP. Records should include the date training was received.

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**Plans Required By Other Agencies**

The SWPPP may incorporate by reference the appropriate elements of plans required by other agencies. Attach, to the end of the SWPPP, a copy of the requirements incorporated by reference.

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**DeMinimis Discharges**

For DeMinimis discharges, describe the discharge, provide the beginning and end dates of the discharge, and attach a copy of the sampling analysis report to the end of the SWPPP.

--

**DeMinimis Discharge 1**

<b>Start Date</b>	<b>Description</b>
____ / ____ / ____	
<b>End Date</b>	
____ / ____ / ____	

**DeMinimis Discharge 2**

<b>Start Date</b>	<b>Description</b>
____ / ____ / ____	
<b>End Date</b>	
____ / ____ / ____	



## Inspection, Maintenance, and Corrective Action

Describe the procedures operators will follow for maintaining their stormwater control measures, conducting site inspections, and, where necessary, taking corrective actions, in accordance with Permit sections 3.0 Effluent Limitations Applicable to All Discharges from Construction Sites, 4.0 Effluent Limitations Applicable to Sites Using Constructed Stormwater Conveyance Channels or Sediment Basins, and 5.0 Inspections.

### Inspection Procedures

Describe the procedures operators will follow for conducting site inspections.

Identify the personnel responsible for conducting inspections.

Provide the inspection schedule that will be followed based on whether the site is subject to Permit section 5.2 Routine Site Inspection Procedures, or whether the site qualifies for the reduced inspection frequency in Permit section 5.3 Reduced Inspection Schedule. If the site qualifies for a reduced inspection schedule in accordance with Permit section 5.3 Reduced Inspection Schedule, include the beginning and ending dates of the reduced inspection period.

### Routine Facility Inspection Documentation

Attach all documented findings of each routine site inspection to the end of the SWPPP. Routine facility inspection documentation requirements are outlined in Permit section 5.4 Routine Facility Inspection Documentation.

### Inspection Results

Attach, to the end of the SWPPP, records of actions taken based on inspection results in accordance with Permit section 5.5 Inspection Results.

**Inspection or Maintenance Checklists**

Attach any inspection or maintenance checklists or other forms that will be used to the end of the SWPPP.

**Maintenance Procedures**

Describe the procedures operators will follow for maintaining their stormwater control measures.

**Corrective Action Procedures**

Describe the procedures operators will follow for taking any necessary corrective actions.

## Additional Information

Provide the following additional information.

### Discharges To Water Quality Impaired Waters

Does the facility discharge to a surface water contained in the current 303(d) <i>Impaired Water Body</i> listing issued by the NDEP BWQP that is impaired for (1) sediment or a sediment-related parameter, such as total suspended solids (TSS) or turbidity, and/or (2) nutrients, including impairments for nitrogen and/or phosphorous?	Yes	No
--	-----	----

If yes, make one of the following demonstrations (check the appropriate box to indicate which one has been selected) and attach such data and technical information to the end of the SWPPP:

	That the site will employ measures to prevent the discharge of stormwater pollutant(s) for which the waterbody is impaired; or
	That the discharge from the site has no potential to contain the pollutants causing impairment; or
	That the discharge is not expected to cause or contribute to an exceedance of an applicable water quality standard.

### Control Measure Addition/Repair/Modification

If it is determined, based on an inspection of control measures performed in accordance with the inspection requirements of Permit section 5.0 Inspections, that installation of additional control measures, or significant repair or modification of existing control measures, is necessary, and implementation before the next storm event is impracticable, document the reason(s) for the delay in the area below.

Identify and describe the modifications made to control measures.

**Permit Requirement Waiver**

If the project is waived from complying with a specific requirement in Permit section 3.0 Effluent Limitations Applicable to All Discharges from Construction Sites in accordance with Permit section 3.1.1, document this fact in the area below.

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**Departures from Design Specifications**

Explain any departures from design specifications for the installation of all stormwater control measures.

--

**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.

--

**Unique Construction Disturbances**

If the project involves construction approved under a CWA Section 404 permit or construction of a water-dependent structure or water access area (e.g., pier, boat ramp, trail), document this fact in the area below and on the site map.

--

**Linear Construction Projects**

For linear construction projects where it is infeasible to comply with the requirements of Permit section 3.5.1.2, document the rationale for why it is infeasible to do so, and describe any buffer width retained and/or supplemental erosion and sediment controls installed.

For linear projects with rights-of-way that restrict or prevent the use of perimeter controls required by Permit section 3.5.2 Install Perimeter Controls, identify the areas where it is impracticable to maximize the use of perimeter controls and explain why it is impracticable to do so.

**Track-Out**

If site conditions make it infeasible to install structural controls to prevent track-out (e.g., linear project along a paved right-of-way), explain why such controls cannot be installed and describe the alternative measures that will be used to prevent, monitor, and remove track-out sediment from paved roadways.

**Sediment or Soil Stockpiles**

If it is infeasible to place sediment or soil stockpiles away from stormwater conveyances, such as curb and gutter systems, and streets leading to such conveyances, explain why it is infeasible to do so.

**Non-Vegetative Stabilization Methods**

Describe all non-vegetative methods of stabilization employed at the site.

**Discharges to Impaired Waterbodies Without Established Total Maximum Daily Loads**

If the site discharges to a water quality-impaired water (contained in the current 303(d) impaired water body listing) for which a Total Maximum Daily Load has not been established, describe the condition for which the water has been listed and include a demonstration that the Best Management Practices that are selected for implementation will be sufficient to ensure that the discharges will not cause or contribute to an exceedance of an applicable State water quality standard.

**Sediment Basin Discharges**

If the use of outlet structures that withdraw water from the surface of the sediment basin in order to minimize the discharge of pollutants is determined to be infeasible, explain why it is infeasible and attach any supporting documentation to the end of the SWPPP.

**Additional Discharge Requirements**

Where NDEP determines it is necessary to impose additional requirements on the 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.

## Signature Requirements

Print out the completed SWPPP and sign and date below in accordance with Permit section 7.23 Signature Requirements. All operators shall also sign and certify the SWPPP in accordance with the Permit signature requirements. Digital signatures are not accepted.

<b>Adherence Statement</b>	
"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 gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering 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."	
<b>Name (print)</b>	<b>Title</b>
<b>Signature</b>	<b>Date</b>
	_____ / _____ / _____

<b>Operator 1</b>	
<b>Name (print)</b>	<b>Title</b>
<b>Signature</b>	<b>Date</b>
	_____ / _____ / _____

<b>Operator 2</b>	
<b>Name (print)</b>	<b>Title</b>
<b>Signature</b>	<b>Date</b>
	_____ / _____ / _____

Operator 3	
Name (print)	Title
Signature	Date ____/____/____