

Stormwater Pollution Prevention Plan (SWPPP)

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Site / Owner / Operator

Provide the requested site, owner, and operator information.

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

Stormwater Pollution Prevention Team

List the name, title, and phone number for each member of the facility's stormwater pollution prevention team (responsible individuals). The team may include members who are not employed by the facility (such as third party consultants).

	Name	Title	Phone Number
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

Site Description

Provide a description of facility activities, attach a general location map, and attach a site map.

Facility Activities

Describe the proposed industrial activities at the facility. Include a chronological description of major activities which disturb soils for major portions of the site (such as mining, grubbing, excavation, grading, utilities and infrastructure installation, etc.).

General Location Map	
Attach a map that identifies the items listed below and check the box next to each item to confirm that the item is included on the map.	
<input type="checkbox"/>	Location of the facility
<input type="checkbox"/>	Surface waters that receive stormwater discharges from the facility

Site Map	
Attach a map that identifies the items listed below and check the box next to each item to confirm that the item is included on the map.	
<input type="checkbox"/>	Size of the property in acres
<input type="checkbox"/>	Location of significant structures, equipment storage areas, and borrow areas
<input type="checkbox"/>	Arrows identifying the direction of stormwater flow
<input type="checkbox"/>	Locations of ditches, pipes, swales, and other structures that transport stormwater
<input type="checkbox"/>	Locations of all existing structural control measures [refer to section <u>2.0 Control Measures</u> of the <u>Stormwater General Permit NVR300000</u> (hereinafter referred to as the "Permit") for a description of control measures]
<input type="checkbox"/>	Locations of surface waters that receive stormwater discharges from the facility
<input type="checkbox"/>	Locations where the facility's stormwater discharges to a Water of the State (include latitude and longitude)
<input type="checkbox"/>	Name(s) of the receiving water(s) and the aerial 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 project
<input type="checkbox"/>	Locations of potential sources of pollution
<input type="checkbox"/>	Locations of all stormwater monitoring points and/or locations where stormwater is discharged (include latitude and longitude)
<input type="checkbox"/>	Locations and sources of run-on to the facility from adjacent property that contains significant quantities of pollutants

Summary of Potential Pollutant Sources

Identify industrial materials or activities that are exposed to stormwater, spills and leaks that have occurred within the last three years, and non-stormwater discharges.

Industrial Materials/Activities Exposed To Stormwater

Identify any industrial materials or activities at the facility that are exposed to stormwater and describe the areas at the facility where this occurs. Fill out one table for each type of industrial material/activity.

Types of industrial materials or activities include, but are not limited to:

- industrial machinery
- raw materials
- industrial production and processes
- intermediate products
- by-products
- final Products
- waste Products
- material handling equipment
- material handling activities (including but not limited to: the storage, loading/unloading, transportation, disposal, or conveyance of any raw material, intermediate product, final product, or waste product)

Industrial Material/Activity 1

Describe the type of industrial material or activity.

Describe the area(s) at the facility where this type of industrial material or activity is exposed to stormwater.

Industrial Material/Activity 2

Describe the type of industrial material or activity.

Describe the area(s) at the facility where this type of industrial material or activity is exposed to stormwater.

Industrial Material/Activity 3

Describe the type of industrial material or activity.

Describe the area(s) at the facility where this type of industrial material or activity is exposed to stormwater.

Industrial Material/Activity 4

Describe the type of industrial material or activity.

Describe the area(s) at the facility where this type of industrial material or activity is exposed to stormwater.

Industrial Material/Activity 5

Describe the type of industrial material or activity.

Describe the area(s) at the facility where this type of industrial material or activity is exposed to stormwater.

Industrial Material/Activity 6

Describe the type of industrial material or activity.

Describe the area(s) at the facility where this type of industrial material or activity is exposed to stormwater.

Spills and Leaks		
Have any spills or leaks occurred at the facility within the last three years?	Yes	No
<p>Fill out one table for each spill or leak that occurred within the last three years.</p> <p><i>Only spills and leaks of Clean Water Act or CERCLA reportable quantities need to be listed.</i></p> <p><i>The amount of the substance spilled/leaked should be in pounds (lbs) for non-radioactive materials or in Curies (Ci) for radioactive materials.</i></p>		

Spill/Leak 1	
On what date did the spill/leak occur?	
What type of substance was spilled/leaked?	
What quantity of the substance was spilled/leaked?	
Where was the substance spilled/leaked (be specific)?	
How did the spill/leak occur and what caused it?	
What action was taken to clean up the spill/leak?	

Spill/Leak 2	
On what date did the spill/leak occur?	
What type of substance was spilled/leaked?	
What quantity of the substance was spilled/leaked?	
Where was the substance spilled/leaked (be specific)?	
How did the spill/leak occur and what caused it?	
What action was taken to clean up the spill/leak?	

Spill/Leak 3	
On what date did the spill/leak occur?	
What type of substance was spilled/leaked?	
What quantity of the substance was spilled/leaked?	
Where was the substance spilled/leaked (be specific)?	
How did the spill/leak occur and what caused it?	
What action was taken to clean up the spill/leak?	

Spill/Leak 4	
On what date did the spill/leak occur?	
What type of substance was spilled/leaked?	
What quantity of the substance was spilled/leaked?	
Where was the substance spilled/leaked (be specific)?	
How did the spill/leak occur and what caused it?	
What action was taken to clean up the spill/leak?	

Non-Stormwater Discharges

Fill out the applicable information in each table to identify all non-stormwater discharges that occur at the facility; include the source of the discharge and the Best Management Practices (BMPs) used to minimize its impact.

Types of non-stormwater discharges include, but are not limited to:

- fire-fighting activities and fire hydrant flushing
- potable water sources including waterline flushing, installation, and maintenance
- uncontaminated condensate from air conditioners and evaporative coolers
- routine external building washdown, where detergents are not used
- pavement wash water, where spills or leaks of toxic or hazardous materials have not occurred (or have been removed) and detergents are not used
- vehicle wash-water where detergents are not used
- water used to control dust, provided effluent or other wastewaters are not used
- uncontaminated groundwater or spring water
- foundation or footing drains where flows are not contaminated with process materials such as solvents
- other potential non-stormwater discharges

Fire-fighting activities and fire hydrant flushing

Does this type of discharge occur at your facility?	Yes	No
What is the source of this discharge?		
What BMPs are used to minimize the impact of this discharge?		

Potable water sources including waterline flushing, installation, and maintenance

Does this type of discharge occur at your facility?	Yes	No
What is the source of this discharge?		
What BMPs are used to minimize the impact of this discharge?		

Uncontaminated condensate from air conditioners and evaporative coolers		
Does this type of discharge occur at your facility?	Yes	No
What is the source of this discharge?		
What BMPs are used to minimize the impact of this discharge?		

Routine external building washdown, where detergents are not used		
Does this type of discharge occur at your facility?	Yes	No
What is the source of this discharge?		
What BMPs are used to minimize the impact of this discharge?		

Pavement wash water, where spills or leaks of toxic or hazardous materials have not occurred (or have been removed) and detergents are not used		
Does this type of discharge occur at your facility?	Yes	No
What is the source of this discharge?		
What BMPs are used to minimize the impact of this discharge?		

Vehicle wash-water where detergents are not used		
Does this type of discharge occur at your facility?	Yes	No
What is the source of this discharge?		
What BMPs are used to minimize the impact of this discharge?		

Water used to control dust, provided effluent or other wastewaters are not used		
Does this type of discharge occur at your facility?	Yes	No
What is the source of this discharge?		
What BMPs are used to minimize the impact of this discharge?		

Uncontaminated groundwater or spring water		
Does this type of discharge occur at your facility?	Yes	No
What is the source of this discharge?		
What BMPs are used to minimize the impact of this discharge?		

Foundation or footing drains where flows are not contaminated with process materials such as solvents		
Does this type of discharge occur at your facility?	Yes	No
What is the source of this discharge?		
What BMPs are used to minimize the impact of this discharge?		

Other potential non-stormwater discharges		
Does this type of discharge occur at your facility?	Yes	No
Describe the discharge.		
What is the source of this discharge?		
What BMPs are used to minimize the impact of this discharge?		

Description of Control Measures

Identify the location and type of *minimum control measures*, *structural practices*, and *velocity dissipation devices* (hereinafter collectively referred to as “control measures”) installed and implemented at the site. Describe how they address pollutant sources (industrial materials or activities, spills and leaks, and non-stormwater discharges) and any stormwater run-on that mixes with any discharges covered under the Permit.

Control Measures

Describe the location and type of control measures used at the site. Fill out one table for each type of control measure used. Several types of control measures are listed below. Refer to Permit sections 2.0 Control Measures and 8.1 Additional Control Measure Requirements for Construction Sites for a more detailed description of control measures.

Types of minimum control measures may include, but are not limited to:

- good housekeeping
- employee training
- erosion controls
- diversion and sediment controls
- preventive maintenance
- visual inspections
- material handling and storage practices that minimize exposure of pollutants to stormwater
- spill prevention and response
- stormwater control structures and control measures that will be implemented so that water quality standards are not violated

Types of structural practices may include, but are not limited to:

- Silt fences
- Earth dikes
- Drainage swales
- Sediment traps
- Check dams
- Subsurface drains
- Pipe slope drains
- Level spreaders
- Storm inlet drain protection
- Rock outlet protection
- Reinforced soil retaining systems
- Gabions
- Temporary or permanent sediment basins

Velocity dissipation devices are devices that reduce the velocity of flowing water. They are often placed at discharge locations and along the length of any outfall channels.

Control Measure 1

Identify the type of control measure.

Where is the control measure located (be specific)?

How does this control measure address pollutant sources?

How does this control measure address stormwater run-on that mixes with any discharges covered under the Permit?

Control Measure 2

Identify the type of control measure.

Where is the control measure located (be specific)?

How does this control measure address pollutant sources?

How does this control measure address stormwater run-on that mixes with any discharges covered under the Permit?

Control Measure 3

Identify the type of control measure.

Where is the control measure located (be specific)?

How does this control measure address pollutant sources?

How does this control measure address stormwater run-on that mixes with any discharges covered under the Permit?

Control Measure 4

Identify the type of control measure.

Where is the control measure located (be specific)?

How does this control measure address pollutant sources?

How does this control measure address stormwater run-on that mixes with any discharges covered under the Permit?

Control Measure 5

Identify the type of control measure.

Where is the control measure located (be specific)?

How does this control measure address pollutant sources?

How does this control measure address stormwater run-on that mixes with any discharges covered under the Permit?

Control Measure 6

Identify the type of control measure.

Where is the control measure located (be specific)?

How does this control measure address pollutant sources?

How does this control measure address stormwater run-on that mixes with any discharges covered under the Permit?

Schedules and Procedures

Provide the following information.

Good Housekeeping

Describe good housekeeping measures, procedures, and related schedules (good housekeeping refers to practices used to prevent litter, debris, and chemicals from coming into contact with stormwater discharges).

Maintenance

Describe maintenance measures, procedures, and related schedules (maintenance refers to regular inspections, tests, maintenance, and repairs of all industrial equipment and systems to avoid situations that may result in leaks, spills, and other releases of pollutants in stormwater discharged to receiving waters).

Spill Prevention & Response

Describe spill prevention and response procedures (spill prevention and response refer to the reduction of the potential for leaks, spills, and other releases that may be exposed to stormwater as well as the plans developed for effective response to such spills if or when they occur).

Major Soil Disturbing Activities

Describe major soil disturbing activities in the order in which they occur.

Sediment & Erosion Control

Describe sediment and erosion control procedures (sediment and erosion control refer to BMPs implemented to keep sediment in place and/or to capture sediment before it leaves the site).

Employee Training

Describe training sessions held for employees who work in areas where industrial materials or activities are exposed to stormwater, or who are responsible for implementing activities necessary to meet the conditions of the Permit.

Monitoring

Describe procedures for conducting analytical monitoring specified by the Permit, when and where applicable.

Inspection
Describe procedures for performing, as appropriate, inspections specified by the Permit.

Inactive/Unstaffed Sites		
Does the facility meet the conditions for classification as an inactive and/or unstaffed site as described by Permit section <u>1.13 Inactive and/or Unstaffed Sites</u> ?	Yes	No
If the facility is inactive and/or unstaffed, documentation that supports this claim (in accordance with Permit section <u>1.14 Notification for Exemption of Inactive and/or Unstaffed Sites</u>) must be attached to the end of the SWPPP.		
If the facility was formerly inactive and/or unstaffed, documentation to support the claim that it is no longer inactive and/or unstaffed must be attached to the end of the SWPPP.		

Additional Information

Provide the following additional information.

Discharges To Water Quality Impaired Waters

Does the facility discharge to water quality impaired waters?	Yes	No
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If the facility discharges to water quality impaired waters, the applicant shall 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 facility will employ measures to prevent all exposure to stormwater of the 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.
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Corrective Action Reporting

Attach a copy of all corrective action reports to the end of the SWPPP. Corrective action reports and their required contents are described in Permit section 3.3 Corrective Action Reporting.

Control Measure Modifications

Describe all modifications to any control measures made as a result of routine facility inspections performed in accordance with Permit section 4.1 Routine Facility Inspection Procedures.

Routine Facility Inspection Documentation

Attach all documented findings of each routine facility inspection to the end of the SWPPP. Routine facility inspection documentation requirements are outlined in Permit section 4.2 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 4.3 Inspection Results.

Structural Practices

Describe the structural practices used to divert flows from exposed soils, store flows, or otherwise limit runoff and the discharge of pollutants from exposed areas of the site to the degree attainable.

Notice of Intent (NOI)

Attach, to the end of the SWPPP, a copy of the signed electronic NOI certification page submitted to the Nevada Division of Environmental Protection.

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 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.

Employee Training Records

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

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 existing inspection reports in addition to the required Routine Facility Inspection Reports.

Corrective Action

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

Monitoring

Attach the monitoring plan or monitoring exemption documentation to the end of the SWPPP. Monitoring requirements are described in Permit section 6.1 Monitoring Requirements, and monitoring exemptions are described in Permit section 6.3 Monitoring Exemptions.

Representative Discharges from Substantially Similar Outfalls

For representative discharges from substantially similar outfalls, describe outfall locations and provide justification of why the discharge qualities from the outfalls are substantially similar (qualifying characteristics for substantially similar outfalls are described in Permit section 6.2 Representative Discharges from Substantially Similar Outfalls).

Annual Report

Attach a copy of the annual report to the end of the SWPPP. Annual Report requirements are outlined in Permit section 7.1 Annual Report.

Construction Site Stormwater Discharges		
Are there any construction sites within the mining site (qualifying characteristics for construction sites are described in Permit section <u>8.1 Additional Control Measure Requirements for Construction Sites</u>)?	Yes	No
<ul style="list-style-type: none"> • <u>If you answered yes</u> to the question above, proceed to the next page of the SWPPP (Additional SWPPP Requirements for Construction Sites). • <u>If you answered no</u> to the question above, proceed to the last page of the SWPPP (Signature Requirements). 		

Additional SWPPP Requirements for Construction Sites

Construction Sites Only: Construction sites within mining sites (as described in Permit section 8.1 Additional Control Measure Requirements for Construction Sites) are required to provide additional information. The required additional information is outlined in Permit section 8.2 Additional SWPPP Requirements for Construction Sites. Select **one (1)** of the following two options to meet this requirement:

Option 1 – Complete the boxes on pages 23-25 of the SWPPP.

Option 2 – Create a separate document that addresses the requirements outlined in Permit section 8.2 Additional SWPPP Requirements for Construction Sites and attach it to the end of the SWPPP [if you select this option, you do not need to complete the boxes on pages 23-25 of the SWPPP and may proceed to the last page of the SWPPP (Signature Requirements)].

Construction Schedule

Provide an outline of the construction schedule, and/or attach the construction schedule to the end of the SWPPP.

Acreage to be Disturbed

What acreage will be disturbed by the construction activity?

acres

Site Plan

Attach a site plan drawing to the end of the SWPPP. The site plan drawing should show discharge points and BMPs.

Structural Practices

Describe the structural practices used to divert flows from exposed soils, store flows, or otherwise limit runoff and the discharge of pollutants from exposed areas of the site to the degree attainable.

Erosion & Sediment Control BMPs

Describe the BMPs used for erosion and sediment control.

BMP Maintenance & Repair

Describe BMP maintenance and repair.

Construction & Waste Materials

Describe the construction and waste materials expected to be stored on-site with updates as appropriate.

Material Storage Practices, Spill Prevention & Response

Describe material storage practices, spill prevention and response.

Permanent Stabilization Practices

Describe the permanent stabilization practices for the site. Include a schedule of when the practices will be implemented.

Storm Drain Facilities

Describe the storm drain facilities built as part of the project.

--

Post-Construction BMPs

Describe post-construction BMPs associated with the operation of the storm drain facilities.

--

Post-Construction Measures

Describe the post-construction measures that will be installed during the construction process to control pollutants in stormwater discharges that will occur after construction operations have been completed.

--

Stormwater Management Practices

Provide an explanation of the technical basis used to select the practices to control pollution where flows exceed predevelopment levels.

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Waiver from Weekly Inspections

If eligible for a waiver of weekly inspection requirements, indicate the beginning and ending dates of the waiver period (eligibility requirements for such a waiver are outlined in Permit section 8.4 Waiver from Weekly Inspections at Construction Sites).

Start Date	End Date
____ / ____ / ____	____ / ____ / ____

Signature Requirements

Print out the completed SWPPP and sign and date below. Digital signatures are not accepted.

Adherence 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 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."

Name (print)	Title
Signature	Date
 	 _____/_____/____