1200-A: Stormwater Pollution Control Plans

OCAPA Training 2024

HUDSPETH LAND + WATER

Amber Hudspeth
Principal Scientist
541.420.2710
amber@hlworegon.com

Washington DC
US House of Representatives
Cliff Bentz Office

Preparation and Implementation of SWPCP

a. If a permit registrant's DOGAMI operating permit and reclamation plan meets the requirements below and contains all the required SWPCP elements in condition A.7, then the DOGAMI plan may be substituted for the SWPCP.

b. The SWPCP must be prepared by a person knowledgeable in stormwater management and familiar with the facility.

c. The SWPCP must be signed and certified in accordance with 40 CFR §122.22.

d. The permit registrant must implement the SWPCP and any revisions to the plan. Failure to implement any of the control measures or practices described in the SWPCP is a violation of the permit.

e. The SWPCP must be kept current and updated as necessary to reflect any changes to the site. The SWPCP must be updated within 30 days of making any changes to the site.

Required Elements

The permit registrant must ensure that the SWPCP contains the following information:

a. Title Page

i. Name of the site.

ii. Name, telephone number, and e-mail address, if available, of the site operator or owner.

iii. The name of the person(s) preparing the SWPCP.

iv. DEQ file number as indicated on the permit and DOGAMI site number, if applicable.

v. SWPCP contact person's name, telephone number, and email address, if available.

vi. Physical address, including county, and mailing address if different.

Site Description

A general location map showing the location of the site in relation to surrounding properties, transportation routes, surface waters and other relevant features.

- A site map including the following:
- 1. drainage patterns.
- 2. drainage and discharge structures (piping, ditches, etc.).
- 3. outline of the drainage area for each stormwater outfall.

- 4. paved areas and buildings within each drainage area.
- 5. areas used for outdoor manufacturing, treatment, storage, or disposal of significant materials.
- 6. operating equipment areas, including any area where a concrete or asphalt batch plant may be located.

- 7. existing structural control measures for minimizing pollutants in stormwater runoff;
- 8. structural features that reduce flow or minimize impervious areas.
- 9. material handling and access areas.
- 10. hazardous waste treatment, storage and disposal facilities.

- 11. location of wells including waste injection wells, seepage pits, drywells, etc.
- 12. location of springs, wetlands and other surface waterbodies both on site and adjacent to the site.
- 13. location of groundwater wells.
- 14. location and description of authorized non-stormwater discharges.
- 15. location of monitoring points.
- 16. location of spill prevention and cleanup materials.
- 17. location of wheel washing activities.

- iii. A description of the mining and processing activities to take place on site. Describe the material to be mined, mining method, types of on-site processing, and area to be affected. List any hazardous or significant materials (see condition D.3, Definitions) that are stored, used, treated or disposed of in a manner that allows exposure to stormwater or mine dewatering water, including the methods of storage, usage, treatment or disposal.
- iv. For each area of the site where a reasonable potential exists for contributing pollutants to stormwater runoff or mine dewatering water, a description of the potential pollutant sources that could be present in stormwater or mine dewatering discharges.

- v. A description of BMPs installed and implemented to meet the technology and water quality based requirements in conditions A.1–A.6. Include in the description how the BMPs address potential pollutant sources from industrial activities and significant materials on-site, spills and leaks and authorized non-stormwater discharges.

- vii. The name of the receiving water for stormwater and mine dewatering drainage. If drainage is to a municipal storm sewer system, the name of the ultimate receiving waters and the name of the municipality.
- vi. Estimate the maximum amount of surface area that, within the next five years, will be stripped of vegetation and could contribute to stormwater discharges relative to the total area drained by each stormwater or mine dewatering outfall. Of the total area to be disturbed, estimate the percentage that will be impervious and will not absorb rainfall into the ground.

- viii. The identification of the discharge outfall(s) and the point(s) where monitoring will occur as required by condition B.2.c. If multiple discharge outfalls exist but will not all be monitored, include a description of the outfalls and data or analysis supporting that the outfalls are representative as described in condition B.2.c.ii.
- ix. The period of expected use of the site. If the site is not operated on a year-round basis, identify actions to secure the site during prolonged periods of inactivity.

- c. Procedures and Schedules to meet the technology based effluent limits in condition A.1:
- i. Spill Prevention and Response Procedure - Procedures for preventing and responding to spills and clean-up and notification procedures. Spills prevention plans required by other regulations may be substituted for this provision provided that stormwater management concerns are adequately addressed and the plan is kept onsite and included with the SWPCP. The location of clean-up materials must either be shown on the site drawings or indicated in the text of the SWPCP.
- ii. Preventative Maintenance - Preventative maintenance procedures for conducting inspections, maintenance and repairs to prevent leaks, spills, and other releases and a schedule for regular pickup and disposal of waste materials, and inspections for leaks and conditions of drums, tanks and containers.
- iii. Employee Education – Schedule for employee training.

- d. An operation and maintenance plan if using a chemical treatment system for removing sediment or other pollutants.
- i. Describe the following information in the plan:
- 1. Chemicals used, the material safety data sheet and the application rate.
- 2. A system schematic, location of system, location of inlet, location of discharge, and discharge dispersion device design.
- 3. A plan for disposal of residues from chemical treatment.
- 4. A sampling plan for treated stormwater or mine dewatering water to test for chemical treatment additives or soil stabilization polymers and sampling frequency.
- ii. The treatment system must be operated and maintained according to manufacturer's specifications.
- iii. Chemical treatment additives must be used at a dosing rate that results in no discharge of toxic substances to waters of the state in harmful amounts.
- iv. The discharge must be treated in a stormwater detention pond or other containment system.

SWPCP Revisions

- a. The permit registrant must prepare SWPCP revisions in compliance with condition A.7 and clearly identify changes to activities on site and control measures.
- b. Submission of all SWPCP revisions is not required. SWPCP revisions must be submitted only if they are made for any of the following reasons:
- i. Change in site contact.
- ii. In response to a corrective action or inspection.
- iii. Changes to the site or control measures that may significantly change the nature of pollutants present in stormwater or mine dewatering discharge; or significantly increase the pollutant(s) levels, discharge frequency, or discharge volume or flow rate.
- iv. Changes to the monitoring locations or outfalls.

- c. If submission of SWPCP revisions is required, permit registrant must submit the revised pages of the SWPCP or site map to DEQ or Agent within 30 days of making the revisions.
- d. Review of the revisions by DEQ or Agent prior to implementation is not required, except revision to location of monitoring locations. If the permit registrant does not receive a response to the revisions from DEQ or Agent within 30 days of submittal, the revisions are accepted.
- e. DEQ or Agent may require the permit registrant revise the SWPCP at any time. The permit registrant must submit the revisions within 30 days, unless a later date is approved by DEQ or Agent.
- f. SWPCP revisions are not subject to public notice and comment unless they are made in response to the water quality based requirements in conditions A.4 and A.5.


ROCK AND
CAR
SALES

Questions?