

SAND AND GRAVEL REPORTING
(Required for the CDPHE Annual Report) **Revised: 4/18/18**



COLORADO
Department of Transportation

Facility Name: Dotsero Cinder Pit	Certification No.: COG502018	DRMS Permit No.: M-1979-155
Facility Location: I 70 and Colorado River, Eagle County	Weather Conditions: Clear	SWMP Administrator Name: Lee DeGraffenried
Monitor's Name: Lee DeGraffenried	Date of Inspection: 6/26/2023	CDOT Work Order Number: 2001276971

Facility Inspection – Stormwater Only

This inspection is being performed in compliance with Part I.J. of the Stormwater Discharge Associated with Sand and Gravel Productions. If an inspection(s) was not conducted in accordance with the required frequency, attach an explanation of why.

- Was this the required one time annually the monitoring was conducted during a runoff event? ☐ Yes ☒ No
- Has the site created any process water (screen washing or transport slurry) or mine dewatering? ☐ Yes ☒ No

☒ **Active Site:** Require 4 inspections annually (Quarterly). Date that facility became active:

☒ **Inactive and Unstaffed Site w/ No Exposure:** Require 2 inspections annually (Spring/Fall) and a signed Certification of No Exposure (Page 4 of 5) signed. Inactive requires that no activities have taken place at the facility (except inspections) from the date of the last inspection listed here: 11-22-22

☒ **Inactive and Unstaffed Site w/ Exposure:** Require 6 inspections annually (At least 20 days apart and no more than 2 months apart). Inactive requires that no activities have taken place at the facility (except inspections) from the date of the last inspection listed here:

Control Measures at Time of Inspection

	Control Measure Used? (1)		Maintenance Required? (2)		Additional Control Measures Needed? (3)		Comments – Include the location of control measure and description of corrective actions required.	Date of Correction (4)
	Y	N	Y	N	Y	N		
Clean Water Diversion	X			X		X		
Sediment trap/basin		X		X		X		
Perimeter control: Berm, Silt fence, Erosion Logs, Bales	X			X		X		
Check dam		X		X		X		
Outlet protection		X		X		X		
Vegetative Buffer		X		X		X		
Landform		X		X		X		
Seed/Mulch		X		X		X		
Seed/Soil Retention Blanket		X		X		X		
Other: (examples-vehicle tracking pad, fencing, etc.)								

- Indicate whether the control measure listed is in use at this facility.
- Indicate whether the control measure requires any type of maintenance such as repair or removal of accumulated sediment; or if the control measure has failed. As stated in the permit, repairs or maintenance identified shall be completed immediately.
- Indicate whether any new or different control measures are needed on the project. As stated in the permit, revised control measures shall be implemented before the next anticipated storm, but in no case more than 60 calendar days after the inspection.
- Enter the date that maintenance, repair, or replacement of control measure is completed, or that a new type of control measure is installed.

Stormwater Monitoring Requirements:

Visual Monitoring, Part I.I.1

The permittee must conduct all required monitoring on a storm or snowmelt event that results in an actual discharge from the facility ("measurable storm event"), which includes discharges to surface water within the facility permit boundary, and that follows the preceding measurable storm event by at least 72 hours (3 days),

Permittee must collect a stormwater sample from each outfall listed below and conduct a visual assessment of each of these samples 4 times annually (Quarterly). Samples must be collected in a clean clear container (plastic or glass) in a manner that the samples are representative of the stormwater discharge.

Defined Discharge Outfall(s) to Surface Water	Outfall(s) Lat, Long	Discharge Outfall(s) Description	Receiving Stream
Outfall Number 001-A	39.654917 -107.038528	Stormwater runoff, sheet flow from stockpiled gravel	Unnamed tributary to the Eagle River

1. **Has the facility been inactive and unstaffed, and there is a signed statement (see glossary) in the SWMP ?**
☒ Yes (if yes indicate "General Permit Exception" on the quarterly DMRs) ☐ No (if no continue to question 2)
2. **Did a discharge occur during the reporting period?** ☐ Yes (if yes continue to question 3) ☒ No (if no indicate "No Discharge")
3. **Date:** _____ **Time:** _____ **Signature of individual performing collection and assessment:** _____
4. **Type of discharge?** ☐ Snowmelt ☐ Runoff (rain event)
5. **Duration (in hours) of the rainfall or snowmelt event:** _____ **Magnitude (in inches) of the storm event sampled:** _____
6. **Was sample(s) taken within the first 30 minutes of discharge?** ☐ Yes ☐ No (provide explanation _____)
7. **Were any of the following water quality characteristics observed?**

Characteristic	Probable source if observed contamination	Corrective Action Taken
Color	☐ Yes	
Odor	☐ Yes	
Floating Solids	☒ Yes	
Settled Solids	☐ Yes	
Suspended Solids	☐ Yes	
Foam	☐ Yes	
Oil Sheen	☐ Yes	
Other Indicators of Pollution	☐ Yes	

8. Include document of visual assessment observations within the facility SWMP as required in Part I.M.8 of the permit.


Monitor Signature:

LTC Ops I

Title:

6/26/2023

Date:

I certify that this report is true, accurate, and complete, to the best of my knowledge and belief.

Glossary

Condition of No Exposure: all industrial materials or activities are protected by a storm-resistant shelter to prevent exposure to rain, snow, snowmelt, and/or runoff. **Industrial materials** include: machinery, open containers, raw materials, intermediate products, by-products, final products or waste products. Final products may be stored outside without being considered to be exposed IF they would not be mobilized by stormwater discharge. (For example, rock salt or fine sediment would be mobilized, and so must be covered.)

Grab Sample: A single "dip and take" sample that is representative of the water being monitored. However, the sample bottle must be full. Since Selenium samples are acidified, you do NOT want to dip with the actual sample bottles. Use the "scooper" bottle to dip and take. You may need to dip more than once if one dip does not fill the sample bottle.

Inactive mining operations— Regulation 61.3(2)(e)(iii)(C) identifies that "inactive mining operations" are mining sites that are not being actively mined, but which have an identifiable owner/operator; inactive mining sites do not include sites where mining claims are being maintained prior to disturbances associated with the extraction, beneficiation, or processing of mined materials, nor sites where minimal activities are undertaken for the sole purpose of maintaining a mining claim).

This term includes the following types of facilities that have an identifiable owner/operator:

- mineral mining and/or milling occurred in the past but is not covered by an active mining permit issued by DRMS;
- operations are limited seasonally (i.e., intermittent operations), consistent with DRMS requirements for notification, only during the portion of the year when the facility is not active; or
- operations cease for 180-days or more for reasons not associated with intermittent status, and still has reserves (consistent with temporary cessation status as defined by DRMS), only during the time period the facility is not active; or
- exploration or extraction activities have ceased permanently.

(Signed certification required for SWMP for Inactive and unstaffed facilities)

	PM I	6/27/2023
Permittee Signature:	Title:	Date:
I certify under penalty of law that this site meets the conditions Inactive Mining Operations and is unstaffed. I am aware that there are significant penalties for providing false information, including the possibility of fine and imprisonment for knowing violations.		

Measurable Storm Event: A storm event that results in an actual discharge from the facility. storm event that results in an actual discharge from the facility ("measurable storm event"), which includes discharges to surface water within the facility permit boundary, and that follows the preceding measurable storm event by at least 72 hours (3 days).

Monitoring Point: Samples and measurements taken for the respective identified monitoring points required in the permit certification shall be representative of the volume and nature of the wastestream and/or effluent. Monitoring points shall be so designed or modified so that a sample of the effluent can be obtained at a point after the final treatment process and prior to discharge to state waters. All samples shall be taken at the monitoring points specified in the permit certification and, when specified, before the effluent joins or is diluted by any other wastestream, body of water, or substance. Monitoring points shall not be changed without a modification request submitted to and approval by the Division.

Monitoring Method: The permittee must select a test procedure that is "sufficiently sensitive" for all monitoring conducted in accordance with this permit. For COG502012, the required sensitivity is 1 ug/L (or 1 ppb).

Runoff Event: for a rain event means during, or within 24 hours after the end of, a measurable storm event; and for a snowmelt event, means at a time when a measurable discharge occurs from the facility.

SWMP Administrator: individual(s) by name or by title whose responsibilities include: SWMP development, implementation, maintenance, and modification.

CDPHE Web Page: <https://www.colorado.gov/pacific/cdphe/wqcd-sand-and-gravel-general-permit-renewal-meeting-notice>

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