



**APPLICATION FOR CDPS GENERAL PERMIT COG500000**  
**DISCHARGES FROM SAND AND GRAVEL MINING AND PROCESSING**

For Agency Use Only:  
Permit Number Assigned

COG50 \_\_\_\_\_

Please print or type. Original signatures are required.  
Photo, faxed, pdf or email copies will not be accepted.

The application must be submitted to the Water Quality Control Division at least **60 days** prior to the anticipated date of discharge, and must be considered complete by the division before the review and approval process begins. The division will notify the applicant if additional information is needed to complete the application. If more space is required to answer any question, please attach additional sheets to the application form. Applications must be submitted by mail or hand delivered to:

*Colorado Department of Public Health and Environment  
Water Quality Control Division, WQCD-P-B2  
4300 Cherry Creek Drive South  
Denver, Colorado 80246-1530*

**A. PERMIT INFORMATION**

Reason for Application:

☐ NEW CERT

☒ RENEW CERT

EXISTING CERT # COG501730

Applicant is:

☐ Property Owner

☒ Contractor/Operator

The applicant requests authorization for the following discharge type(s).

- ☐ **Mine (pit) dewatering:** includes any water, such as groundwater, seepage, and stormwater (precipitation and surface runoff), that is impounded or that collects in the mine pit (surface or underground workings) and is pumped, drained, or otherwise removed from the mine through the efforts of the mine operator. In addition, for construction sand and gravel facilities and industrial sand facilities only, mine dewatering includes wet pit overflow caused solely by direct rainfall and/or groundwater seepage;
- ☐ **Process generated wastewater:** includes any wastewater used in slurry transport of mined materials, air emissions control, and processing exclusive to mining.
- ☐ **Water used in processing the mined commodity:** includes water from washing, sorting, screening, crushing, classifying, etc.
- ☐ **Stormwater runoff, comingled** with the above listed wastewaters before the discharge point.
- ☒ **Stormwater runoff (not comingled)** with the above listed wastewaters from facility pollutant sources: includes runoff from stockpiles, disturbed areas, roads, maintenance areas, etc.; asphalt batch plants (SIC code 2951); concrete batch plants (SIC code 3273); or asphalt and concrete recycling activities conducted at the facility.

Note: the following discharge types **are not eligible** for coverage under CDPS General Permit COG500000:

- Stormwater discharges associated with construction activity that disturbs one acre or more;
- Process water discharges from asphalt batch plants (resulting from the production of asphalt concrete);
- Process water discharges from concrete batch plants, including drum and truck wash water (concrete wash out);
- Stormwater and process water discharges from placer mining industrial activities (SIC Major Group 10).
- Process water discharges from the SIC codes identified in **Appendix 1** of this application.

**B. CONTACT INFORMATION****1. Permittee Information**Organization Formal Name: Jefferson County

**Permittee Name:** the person **authorized to sign and certify** the permit application. This person receives all permit correspondences and is **responsible** for ensuring compliance with the permit.

Responsible Position (Title): BCC ChairCurrently Held By (Person): Lesley DahlkemperTelephone No: 303-271-8510Email address: ldahlkem@co.jefferson.co.usMailing Address: 100 Jefferson County PkwyCity: Golden State: CO Zip: 80401

This form must be signed by the permittee to be considered complete. **Per Regulation 61, in all cases**, it shall be signed as follows:

- a) In the case of corporations, by a responsible corporate officer. For the purposes of this section, the responsible corporate officer is responsible for the overall operation of the facility from which the discharge described in the application originates.
- b) In the case of a partnership, by a general partner.
- c) In the case of a sole proprietorship, by the proprietor.
- d) In the case of a municipal, state, or other public facility, by either a principal executive officer or ranking elected official.

2. **DMR Cognizant Official** (i.e. authorized agent) the person or position authorized to sign and certify reports required by permits including Discharge Monitoring Reports [DMR's], Annual Reports, Compliance Schedule submittals, and other information requested by the division. The division will transmit pre-printed DMR's to this person. If more than one, please add additional pages.



Same as 1) Permittee

Responsible Position (Title): \_\_\_\_\_

Currently Held By (Person): \_\_\_\_\_

Telephone No: \_\_\_\_\_

Email address: \_\_\_\_\_

Organization: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

**Per Regulation 61:** All reports required by permits, and other information requested by the Division shall be signed by the permittee or by a duly authorized representative of that person. A person is a duly authorized representative only if:

- a) The authorization is made in writing by the permittee
- b) The authorization specifies either an individual or **a position having responsibility for the overall operation of the regulated facility or activity** such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position)
- c) Submitted in writing to the Division

**B. CONTACT INFORMATION (cont.)****3. Site/Local Contact** (contact for questions relating to the facility & discharge authorized by this permit.)☐

Same as 1) Permittee

Responsible Position (Title): Senior SupervisorCurrently Held By (Person): Taylor PerrigoTelephone No: 303-271-5278Email address: tperrigo@jeffco.usOrganization: Jefferson County Road and BridgeMailing Address: 13008 Parker AveCity: PineState: COZip: 80470**4. Operator in Responsible Charge**☐

Same as 1) Permittee

☒

Same as 3) Site/ Local Contact

Responsible Position (Title): \_\_\_\_\_

Currently Held By (Person): \_\_\_\_\_

Telephone No: \_\_\_\_\_

Email address: \_\_\_\_\_

Organization: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Zip: \_\_\_\_\_

**5. Billing Contact**☐

Same as 1) Permittee

Responsible Position (Title): Senior SupervisorCurrently Held By (Person): Taylor PerrigoTelephone No: 303-271-5278Email address: tperrigo@jeffco.usOrganization: Jefferson County Road and BridgeMailing Address: 13008 Parker AveCity: PineState: COZip: 80470**6. Other Contact Types (check below) Add pages if necessary:**

Responsible Position (Title): \_\_\_\_\_

Currently Held By (Person): \_\_\_\_\_

Telephone No: \_\_\_\_\_

Email address: \_\_\_\_\_

Organization: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Zip: \_\_\_\_\_

- ☐ Environmental Contact
- ☐ Facility Inspection Contact
- ☐ Consultant
- ☐ Compliance Contact
- ☐ Property Owner

☐ Other \_\_\_\_\_

**C. PERMITTED FACILITY INFORMATION**Facility or Project Name Pine Junction PitStreet Address (or cross streets) US Highway 285 & Pine Valley RoadCity Pine Colorado, Zip Code 80470County Jefferson**Type of Facility Ownership**

- ☐ City Government      ☐ Corporation      ☐ Private      ☒ Municipal or Water District  
☐ State Government      ☐ Mixed Ownership \_\_\_\_\_

**Facility or Project Latitude/Longitude** – List the latitude and longitude of the center point of the facility.Latitude: 39 .4667 Longitude: -105 .383333

(Provide coordinates in decimal degrees to 6 decimal places (e.g., 39.703345°, -104.933567°))

**Standard Industrial Classification (SIC) Code(s) for this FACILITY** (please use dropdown menu to select up to 4 SIC codes, in order of importance)Note: see the [SIC codes covered by permit](#) link (general permit COG500000) on the division website for descriptions of SIC codes associated with this permit.1. 1423  2. \_\_\_\_\_ 4. \_\_\_\_\_**D. PROJECT DESCRIPTION** - Provide an overview of the industrial activities that are conducted at the facility.

Intermittent sand and gravel mining and crushing.

**E. SITE MAPS AND SCHEMATICS** - provide as an attachment to the application - no larger than 11x17 inches

- Location Map** - Application must include a location map that shows the location of the project/facility, the boundaries of the area subject to the application, and all receiving water(s). A north arrow must be shown.
- Legible Site Sketch** - showing all surface features (buildings, ponds, diversion ditches, stockpiles, processing areas, batch plants, other pollutant sources, etc.); stream location(s); numbered outfalls; **and direction(s) of water flow at the facility indicated by arrows (stormwater and process water)**. Label outfalls to correspond with the numbers listed **Table G.1** of this application.

Are the required maps/sketches attached?



Yes

No - Application cannot be processed without required maps**F. SITE-SPECIFIC CONDITIONS** - Nearby Sources of Potential Groundwater Contamination/Facility pollutant sources

Note: The division may require representative analytical data of the effluent (e.g., mine pit water or discharge) as part of the application review process. The division will notify the applicant if any additional information is required. Failure to provide this data may delay permit application processing until such data is submitted to the division.

Note: see Appendix B of [Application Guidance Document](#) (Construction Dewatering - COG070000) on the division website for resources useful in identifying ground water contamination near the facility.

1. Has the applicant reviewed the surrounding area for possible groundwater contamination, such as plumes from leaking underground storage tanks (LUSTs), hazardous waste sites, or additional sources? *Applicants are expected to exercise due diligence in evaluating their sites prior to applying for a discharge permit.*  
☐ Yes    ☐ No    ☒ NA (no water leaves the pit, or stormwater-only discharge)
2. Is an open LUST located within **0.5 mile** of the site? ☐ Yes    ☒ No  
*\*If yes, BTEX analytical data for the mine pit water or discharge must be included with the permit application. The division may request analytical data for additional parameters. Failure to include this data may delay permit application processing until such data is submitted to the division.*
3. Is a Superfund site or National Priorities List (NPL) site located within **1 mile** of the site? ☐ Yes    ☒ No  
*\*If yes, analytical data for the mine pit water or discharge, for those parameters associated with the Superfund or NPL facility, must be included with the permit application. Failure to include this data may delay permit application processing until such data is submitted to the division.*
4. Is a UMTRA facility located within **1 mile** of the site? ☐ Yes    ☒ No  
*\*If yes, analytical data for the mine pit water or discharge, for those parameters associated with the UMTRA facility, must be included with the permit application. Failure to include this data may delay permit application processing until such data is submitted to the division.*
5. Is any other (non-LUST, non-Superfund, non-NPL site) known source of contamination, such as a Voluntary Cleanup (VCUP), Environmental Covenant, open RCRA Corrective Action site, or brownfields site located within **0.5 mile** of the site? ☐ Yes    ☒ No  
*\*If yes, analytical data for the mine pit water or discharge, for those parameters associated with the known source of contamination, must be included with the permit application. Failure to include this data may delay permit application processing until such data is submitted to the division.*
6. Is the sand and gravel facility within the footprint of an historic landfill? ☐ Yes    ☒ No

If **Yes** for any of questions 1 - 6 above, show location of the source(s) of possible groundwater contamination on the maps required in **Item E of this application**. In the box below, describe the location, extent of contamination, and possible effect on the discharges from this facility.

7. Is concrete truck washout conducted at the facility? ☐ Yes    ☒ No

If **Yes**, please provide the following additional information with respect to this discharge:

- Location of concrete washout water discharge. Check all that apply.
 

<input type="checkbox"/> to surface water	<input type="checkbox"/> to a lined impoundment or excavation
<input type="checkbox"/> to the ground	<input type="checkbox"/> washout water not discharged - water is reused, or evaporates
<input type="checkbox"/> to an unlined impoundment or excavation	
- What is the proximity of the discharge to a lake, pond, stream/river, intermittent or ephemeral creek, drainage, irrigation ditch, wetland, etc? \_\_\_\_\_
- Is the discharge within the DRMS permit boundary? \_\_\_\_\_
- What is discharge volume and frequency? \_\_\_\_\_

8. Does the facility discharge stormwater runoff from a **concrete batch plant**? (SIC code 3273) ☐ Yes    ☐ No
9. Does the facility discharge stormwater runoff from an **asphalt batch plant**? (SIC code 2951) ☐ Yes    ☐ No
10. Does the facility discharge stormwater runoff from **recycled concrete**? ☐ Yes    ☒ No
11. Does the facility discharge stormwater runoff from **recycled asphalt**? ☒ Yes    ☐ No

## G. OUTFALLS

1. For **EACH** process water or stormwater-only outfall, provide the information identified in the table. Instructions for filling out this table (superscripts 1-12) are provided in **Attachment 2** of this application. Please copy this page and submit with the application if more than 6 outfalls are required.

Table G.1

Outfall and Activity information					Discharge information			Receiving water information		
Outfall Number	Latitude Longitude <sup>1</sup>	Activity Description(s) <sup>2</sup>	SIC Code <sup>3</sup>	Process water or stormwater <sup>4</sup>	Discharge type <sup>5</sup>	Continuous or instantaneous flow measure <sup>6</sup>	Flow rate in MGD <sup>8</sup>	Chemicals <sup>9</sup>	Distance from pit to surface water <sup>10</sup>	Immediate <sup>11</sup>
						Specific flow method <sup>7</sup>				
001	39.46658 5,-105.39 1618	Detained stormwater from quarrying, crushed and broken granite stockpiles. Discharge is to an ephemeral drainage which flows to Elk Creek	1423	Stormwater	Stormwater sheet flow				N/A	Ultimate
002	39.46446 8, -105.3 94807	Detain stormwater from quarrying, crushed and broken granite stockpiles. Discharge is to a roadside ditch that flows to Pine Gulch	1423	Stormwater	stormwater sheet flow				N/A	Ultimate
003										
004										
005										
006										

2. Are any of the receiving waters identified in the Table G.1 above a storm sewer system, ditch, or manmade conveyance?

☒ Yes ☐ No

Note: if discharge is to a storm sewer system, ditch, or manmade conveyance, approval from the owner of the system must be obtained before discharge.

3. Did the applicant obtain approval from the owner of the storm sewer system, ditch, or manmade conveyance?

☒ Yes ☐ No ☐ NA - discharge is not to a storm sewer system, ditch, or manmade conveyance.

#### H. CHEMICAL ADDITION/TREATMENT

If chemical additives, settling agents, flocculants, or other materials are proposed for use in or to treat wastewater/stormwater prior to discharge, please submit a **Chemical Approval Form** with this application.

1. Is chemical addition/treatment proposed for this facility?

☐ Yes ☒ No

2. Did applicant submit a **Chemical Approval Form** with this application?

☐ Yes ☒ No - chemical addition/treatment not proposed

#### I. OTHER ENVIRONMENTAL PERMITS

Does this facility currently hold any environmental permits, or is it subject to regulation, under any of the following programs?

Permit Name	Yes	No	Effective Date	Permit No.
1. Colorado Division of Reclamation, Mining and Safety	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1-31-2021	M1977245
2. Underground Injection Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
3. Clean Water Act (CWA) Section 404 - US COE	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
4. Resource Conservation and Recovery Act (RCRA)	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
5. CDPS Stormwater	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
6. Colorado State Air Pollution Emission	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
7. Other	<input type="checkbox"/>	<input type="checkbox"/>		

#### J. ACTIVITY DURATION

When did the activity commence?

1993

What is the estimated life of the activity generating the discharge(s) ?

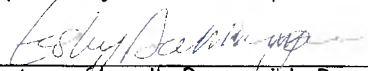
10+

years.

**K. STORMWATER MANAGEMENT PLAN (SWMP) CERTIFICATION - required ONLY for applications requesting stormwater-only outfalls.****The Stormwater Management Plan must be completed prior to signing the following certifications!**


A Stormwater Management Plan (SWMP) shall be prepared prior to applying for stormwater coverage under the general permit, and the following certification signed.

"I certify under penalty of law that a complete Stormwater Management Plan has been prepared for my activity. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the Stormwater Management Plan is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for falsely certifying the completion of said SWMP, including the possibility of fine and imprisonment for knowing violations."

	6.30.21
Signature of Legally Responsible Person or Authorized Agent	Date Signed
Lesley Dahlkemper	Chairman
Name (printed)	Title

**L. REQUIRED CERTIFICATION SIGNATURE [REG 61.4(1)(H)]**

"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."

	
Signature of Legally Responsible Person or Authorized Agent	Date Signed
Lesley Dahlkemper	Chairman
Name (printed)	Title

This form must be signed by the permittee to be considered complete. Per Regulation 61, in all cases, it shall be signed as follows:

- In the case of corporations, by a responsible corporate officer. For the purposes of this section, the responsible corporate officer is responsible for the overall operation of the facility from which the discharge described in the application originates.
- In the case of a partnership, by a general partner.
- In the case of a sole proprietorship, by the proprietor.
- In the case of a municipal, state, or other public facility, by either a principal executive officer or ranking elected official.

**DO NOT INCLUDE A COPY OF THE STORMWATER MANAGEMENT PLAN with the application**

**DO NOT INCLUDE PAYMENT - AN INVOICE WILL BE SENT AFTER THE CERTIFICATION IS ISSUED.**