

# STATE OF COLORADO

Dedicated to protecting and improving the health and environment of the people of Colorado

4300 Cherry Creek Dr. S.  
Denver, Colorado 80246-1530  
Phone (303) 692-2000  
TDD Line (303) 691-7700  
Located in Glendale, Colorado  
<http://www.cdph.state.co.us>



Colorado Department  
of Public Health  
and Environment

For Agency Use Only
Permit Number Assigned
COG07-_____
Date Received ____/____/____ Month Day Year

## COLORADO DISCHARGE PERMIT SYSTEM (CDPS) CONSTRUCTION DEWATERING INDUSTRIAL WASTEWATER DISCHARGE APPLICATION **PHOTO COPIES, FAXED COPIES, PDF COPIES OR EMAILS WILL NOT BE ACCEPTED.**

**Please print or type. Original signatures are required.** All items must be completed accurately and in their entirety for the application to be deemed complete. Incomplete applications will not be processed until all information is received which will ultimately delay the issuance of a permit. 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  
4300 Cherry Creek Drive South  
WQCD-P-B2  
Denver, Colorado 80246-1530**

Any additional information that you would like the Division to consider in developing the permit should be provided with the application. Examples include effluent data and/or modeling and planned pollutant removal strategies.

### PERMIT INFORMATION

Reason for Application:  NEW CERT  
 RENEW CERT      EXISTING CERT # \_\_\_\_\_

Applicant is:  Property Owner  Contractor/Operator

### A. Contact Information

**Permittee (If more than one please add additional pages)**

**Organization Formal Name:** \_\_\_\_\_

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

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

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

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

email address \_\_\_\_\_

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

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

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

This form must be signed by the Permittee to be considered complete.

**Per Regulation 61:** In all cases the permit application 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

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 send pre-printed reports (e.g. 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:

(i) The authorization is made in writing by the permittee;

(ii) 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); and

(iii) The written authorization is submitted to the Division.

3. **Site/Local Contact**—contact for questions regarding the facility & discharges authorized by this permit

Same as Permittee—Item 1

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

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

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

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

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

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

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

4. **Operator in Responsible Charge**  Same as Permittee—Item 1

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

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

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

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

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

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

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

Certification Type \_\_\_\_\_ Certification Number \_\_\_\_\_



**B. Permitted Project/Facility Information Continued...**

**3. Facility Activity and Anticipated Schedule**

Dewatering will begin (date) \_\_\_\_\_

Estimate how long dewatering will last: Years \_\_\_\_\_ Months \_\_\_\_\_ Days \_\_\_\_\_

Describe Activity e.g., highway bridge and tunnel construction, storm drain expansion, etc. and a description of activities being performed, including construction schedule and months of operation. Specify source(s) of wastewater to be discharged (i.e. well, foundation excavation, trenching, etc).

**4. Will the discharge go to a ditch or storm sewer?**  YES  NO

- If YES, in the appropriate table below include the name of the ultimate receiving waters where the ditch or storm sewer discharges.
- If YES, applicant must contact the owner of the ditch or storm sewer system (**prior to discharging**) to verify local ordinances and to determine whether or not additional requirements are going to be imposed by the owner.

**5. What type of discharge will this be?**  Defined Discharge  Undefined Discharge

A Defined Discharge is a discharge where the dewatering discharge locations and number of outfalls are known at the time of permit application.

- If discharge is Defined – enter information in table C for Defined Discharges

An Undefined Discharge is a discharge where the exact dewatering discharge locations are unknown at the time of permit application. The permit applicant **must request** the maximum number of potential outfalls (discharges) for the permitted facility.

- If discharge is Undefined – enter information in table D for Undefined Discharges
- **Note:** For undefined discharges, the site specific sampling and monitoring parameters will be selected based on the potential pollutant sources found within the entire permitted project area and will be applied to all outfall(s). The most stringent of the surface water limitations for each identified site specific parameter will be applied to each permitted outfall.

**C. Information for Defined Discharge Location(s):**

1. In the following table, include the following information for the discharge:

- Include the number of discharge points (outfalls);
- Include the name of the receiving stream for each Outfall Number. If the discharge is to groundwater fill out discharge information located next to G001A, G002A, etc.—**Please review the Division’s Low Risk Discharge Guidance for Discharges of Uncontaminated Groundwater to Land to determine if discharges to groundwater can be allowed under the Guidance in lieu of obtaining a Construction Dewatering Permit.**;
- Include the approximate location of the discharge (e.g. “discharge will occur between 5th Avenue and 20th Avenue”, or “the discharge will enter the storm sewer located at the corner of Speer Blvd and 8th Ave., which eventually flows to Cherry Creek”);
- Include the maximum anticipated flow rate of the discharge; this can be based on pump capacity or other applicable measure.

OUTFALL NUMBER	RECEIVING STREAM(S)	APPROXIMATE LOCATION OF DISCHARGE	MAXIMUM FLOW RATE	LATITUDE/LONGITUDE OF EACH DISCHARGE OUTFALL
001A				
002A				
OUTFALL NUMBER	GROUNDWATER	APPROXIMATE LOCATION OF DISCHARGE	MAXIMUM FLOW RATE	LATITUDE/LONGITUDE OF EACH DISCHARGE OUTFALL
G001A				
G002A				

Add more pages if necessary

**D. Information for Undefined Discharge Location(s):**

1. In the following table include the following information for the discharge:

- Include the maximum number of potential outfalls (discharges) for the permitted facility/project;
- Include the maximum anticipated flow rate of the discharge; this can be based on pump capacity or other applicable measure;
- Include the name of all potential receiving streams for the entire project. If the discharge is to groundwater fill out discharge information located next to G001A, G002A, etc.—**Please review the Division’s Low Risk Discharge Guidance for Discharges of Uncontaminated Groundwater to Land to determine if discharges to groundwater can be allowed under the Guidance in lieu of obtaining a Construction Dewatering Permit.**

**Note:** For undefined discharges, the site specific sampling and monitoring parameters will be selected based on the potential pollutant sources found within the entire permitted project area and will be applied to all outfall(s). The most stringent of the surface water limitations for each identified site specific parameter will be applied to each permitted outfall.

OUTFALL NUMBER	MAXIMUM FLOW RATE (GPM)	POTENTIAL RECEIVING STREAM(S)
001A		
002A		
OUTFALL NUMBER	MAXIMUM FLOW RATE (GPM)	GROUNDWATER
G001A		
G002A		

Add more pages if necessary

**Sampling and Reporting Requirements for Defined and Undefined Discharges:** Sampling must occur at every end-of-pipe dewatering location (after going through your choice of BMP, if necessary). The permittee will be issued Discharge Monitoring Report (DMR) forms for all requested outfall numbers. The permittee will be required to submit the DMR forms for **each** requested outfall number monthly. For the outfall numbers(s) where no discharge occurred for a given month, the permittee shall mark “No Discharge” on the DMR forms. The sampling results must be maintained by the permittee.

**E. A Location Map for Defined and Undefined Discharges**—designating the location of the project/facility, the location of the discharge point(s)/outfalls—applicable only to defined discharges, and the receiving water(s) listed in Items C & D. A north arrow shall be shown. **This map must be on paper that can be folded to 8 ½ x 11 inches.**

**F. A Legible Sketch of the Site**

1. **For Defined Discharges**—A legible site sketch shall be submitted and must include: the location of the end of pipe dewatering discharges at the site (e.g. where the flow will be discharged from the pump or BMP), the BMP(s) that will be used to treat the discharge(s), and the sampling location(s). Refer to the instructions for additional guidance specific to sites with multiple potential dewatering locations. **This map must be on paper that can be folded to 8 ½ x 11 inches.**

OR

2. **For Undefined Discharges**—A legible site sketch shall be submitted and must include: the limits of the construction site boundary to include street names (if applicable) or landmarks; description of the BMPs to be implemented; and location of all potential receiving waters. **This map must be on paper that can be folded to 8 ½ x 11 inches.**

**G. Potential Groundwater Contamination**

1. Is this operation located within one mile of a landfill, abandoned landfill or any mine or mill tailings?  YES  NO

2. Has the dewatering discharge been analyzed for any parameters (pH, Oil and Grease, Metals, Organics, etc.)?

YES  NO

If YES, please attach a copy of the sampling results.

**Note to the applicant:** Upon review of the application, the Division may request characterization of the water to be discharged or analysis of certain parameters once the application has been reviewed. If the Division requests a representative analysis of the water to be discharged, the application processing time may be lengthened.

3. Has the dewatering area been checked for possible groundwater contamination, such as plumes from leaking underground storage tanks, mine tailings, etc –or- has a Phase I or Phase II been conducted on the site?

YES  NO

If YES, show location of the landfill, tailings, or possible groundwater contamination on the location map or general sketch map. (Explain the location, extent of contamination, and possible effect on the groundwater pumping from this facility). Or include a copy of the phase I or Phase II report. If the reports are not available, submit a summary of the results of the report. If any sampling results are available, please attach a copy of all data.

Note: Contact Water Quality Control Division for the proper water chemistry parameters to report.

#### H. Additional Information

1. Does the applicant have a Stormwater Permit for Construction Activities?  YES  NO  PENDING

If Yes, Stormwater Construction Permit Number \_\_\_\_\_

#### WATER RIGHTS

The State Engineers Office (SEO) has indicated that any discharge that does not return water directly to surface waters (i.e. land application, rapid infiltration basins, etc.) has the potential for material injury to a water right. As a result, the SEO needs to determine that material injury to a water right will not occur from such activities. To make this judgment, the SEO requests that a copy of all documentation demonstrating that the requirements of Colorado water law have been met, be submitted to their office for review. The submittal should be made as soon as possible to the following address:

**Colorado Division of Water Resources  
1313 Sherman Street, Room 818  
Denver, Colorado 80203**

Should there be any questions on the issue of water rights, the SEO can be contacted at (303) 866-3581. It is important to understand that any CDPS permit issued by the Division does not constitute a water right. The issuance of a CDPS permit does not negate the need to also have the necessary water rights in place. Additionally, if the activity has an existing CDPS permit, there is no guarantee that the proper water rights are in place.

#### I. 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."

"I understand that submittal of this application is for coverage under the State of Colorado General Permit for Discharges Associated with Construction Dewatering **for the entirety of the construction site/project described and applied for, until such time as the application is amended or the certification is transferred, inactivated, or expired.**"

Signature (Legally Responsible Party) \_\_\_\_\_ Date \_\_\_\_\_

Name (printed) \_\_\_\_\_ Title \_\_\_\_\_

**Construction Dewatering Application Instructions****• Item A- Contact Information**

**Permit Applicant:** Provide the company, corporation, or organization name

**1. Permittee**—Identify the title and name of the individual who is the legally responsible for the permit. The requirement of who can be listed as the legally responsible party is included in the permit application. Include all requested information such as the legal party's phone number, email address and mailing address. **The individual identified here must sign the permit application—Part I.**

**2. DMR Cognizant Official**—Identify the title and individual's name

**3. Site Contact**—Identify the title and name of individual who is familiar with the day to day operations of the site. This person will have first-hand information regarding the construction site, discharges occurring on site, and implementation of BMPs.

**4. Operator in Responsible Charge**— Identify the title and individual's name if there is an Operator in Charge (Not required)

**5. Billing Contact**— Identify the title and individual's name

**6. Other Contacts** – Identify the title and individual's name for any of the listed descriptions (Not required)

**• Item B – Permitted Project/Facility Information**

**1. Name of the project/facility and location;** include the name of the project/facility and include a description of the location of the project/facility. The location may be a physical address or if the exact address is not available you may use an approximate address such as: the nearest intersection or boundary streets including directional identifiers (e.g., “South of 14th Avenue between Sherman St. and Logan St.”, or “West side of C.R. 21, 3.25 miles North of Hwy 10”) or other identifying information. A street name without an address, intersection, mile marker or other identifying information is not adequate.

**2. Latitude/Longitude:** For **each** excavation resulting in a discharge/outfall provide the Latitude/Longitude of the excavation. If the exact location of the disturbance resulting in discharge is not known, provide the lat/long of the **center point** of the construction activity. If identifying the center point of construction activity, make sure to write in “center point’ next to lat/long. The lat/long may be provided as decimal degrees or degrees, minutes, seconds format. This information can be obtained from a variety of sources, including:

- Various Websites: <http://terraserver.microsoft.com>, <http://geocoder.us/>, or [www.epa.gov/tri/reports/siting\\_tool/index.htm](http://www.epa.gov/tri/reports/siting_tool/index.htm)
- U.S Geological Survey topographical map, available at area map stores
- Surveyors or engineers for the construction project should have, or be able to calculate this information using a Global Positioning System (GPS) unit

Specify whether the Latitude/Longitude information was collected either by using a GPS unit or through Map interpolation.

**3. Facility Activity and Schedule:** Include the anticipated start date of construction dewatering and provide the length of time dewatering is anticipated to last. Provide a description of the general nature of the construction activities that are requiring the dewatering. Also describe if the dewatering discharge is from an open excavation, such as a trench or foundation, or from groundwater lowering wells. Examples of activity descriptions may include: ‘open trench excavation for installation of 4,000 linear feet of new water lines’, or ‘a series of shallow groundwater wells will be installed around the perimeter of the construction site in order to lower the water table for construction of a new 5,000 square foot music shop—all wells will be piped to one manifold resulting in one discharge location as indicated on our site sketch.

**4. Discharges to ditches and storm sewers:** Indicate by checking yes or no whether or not the immediate effluent will be discharged to a ditch or storm sewer. If yes is marked, the applicant must contact the owner of the ditch or storm sewer system **prior to discharge** to verify if the owner will allow a discharge to their system. The owner of the ditch/storm sewer system may impose additional requirements. Storm drainage systems are typically owned by the city or county they are located within, and therefore contacting the local city/county is the appropriate place to start. If yes is marked, in Table C or Table D be sure to include the location of the system and the ultimate receiving waters.

**5. Defined or Undefined Discharge:** Identify whether the applicant is applying for a Defined or Undefined discharge.

A **Defined Discharge** is a discharge where the dewatering discharge locations are known at the time of permit application. If discharge is Defined – enter discharge information in Table C

An Undefined Discharge is a discharge where the exact dewatering discharge locations are unknown at the time of permit application. The permit applicant **must request** the maximum number of potential outfalls (discharges) for the permitted facility/project. If discharge is Undefined – enter discharge information in Table D. The applicant must identify all potential receiving streams for the entire project.

If the applicant is requesting undefined discharges, the site specific sampling and monitoring parameters will be selected based on the potential pollutant sources found within the entire permitted project area and will be applied to all outfall(s). The most stringent of the surface water limitations for each identified site specific parameter will be applied to each permitted outfall. For example, if the undefined project includes installation of 8 miles of linear pipeline and leaking underground storage tanks are expected to present in one section of the project, sampling and monitoring for Benzene, Toluene, Ethyl benzene, and Xylenes will be required for all requested outfall(s).

- **Item C- Information for Defined Discharge Location(s).**

1. **If Defined Discharge was marked in Section B.5 fill out Table C. Table C requires the following information:**

- **Number of discharge(s) (outfalls)**—Identify the number of outfalls requested in Table C, this includes discharges to surface water and groundwater. If there are more than two requested discharges to surface water, attach a separate piece of paper including all requested information.
- **Name of the receiving water(s)**—If the discharge is to a ditch, identify the ditch **and** the ultimate receiving water(s). Receiving waters are any waters of the state of Colorado, even if the natural drainage is usually dry. If discharge is to groundwater, then fill out the appropriate information within Table C next to G001A, G001A. If there are more than two discharges to groundwater, attach a separate piece of paper including all requested information. If the applicant is requesting a discharge to groundwater, please review the Division’s Low Risk Discharge Guidance for Discharges of Uncontaminated Groundwater to Land.  
<http://www.cdphe.state.co.us/wq/PermitsUnit/policyguidancefactsheets/policyandguidance/lowriskgwdischarge-to-land.pdf>  
Discharges performed in accordance with the Guidance for Discharges of Uncontaminated Groundwater to Land do not require a separate construction dewatering permit.
- **Narrative description of the approximate location of the discharge**—Include a narrative description of the discharge path. For example, “the dewatering discharge will enter the storm sewer located at 6th Avenue and Sheridan which flows to Bear Creek” or “the dewatering will discharge to a field located at 66<sup>th</sup> and Farmers Road with potential to runoff to Sanders Creek”. If there is more than one known discharge, include this descriptive information for all known discharges.
- **Maximum anticipated flow rate of the discharge** (in gallons per minute)—Do not leave this section blank. Include the maximum flow rate. You may estimate the flow contribution based on pump capacity if data is not available.
- **Latitude/Longitude of each discharge location**—Include the latitude/longitude of each discharge location. **See the instructions B.2 for information on how to obtain latitude/longitude information.**

- **Item D- Information for Undefined Discharge Location(s).**

1. **If Undefined Discharge was marked in Section B.5 fill out Table D. Table D requires the following information:**

- **Maximum number of potential outfalls** (discharges) for the permitted facility—The applicant must identify the maximum number of discharge locations (outfalls) for the entire construction project. If more than 5 outfalls are requested, attach a separate piece of paper. DMRs will be sent to the permittee for each requested outfall.
- **Maximum anticipated flow rate of the discharge** (in gallons per minute)—Do not leave this section blank. The flow rate may be estimated based on pump capacity if data is not available.
- **Name(s) of the all potential receiving stream(s)**—Identify all potential receiving streams for the entire project. If the discharge is to groundwater then fill out the information in Table D next to G001A, G002A, etc.

- **Item E – Location Map**—A location map is required to be submitted with all applications for both defined and undefined discharges. The location map must include the location of the project/facility, the approximate location of each **defined discharge points**, and the identified receiving water(s) listed in Items C or D. The map must have a minimum scale of 1:24000 (the scale of a USGS 7.5 minute map). A legible submittal is required on paper that can be folded to **8 ½ by 11 inches**.
  
- **Item F- Detailed Sketch of the Site**—If a defined discharge is requested please submit a detailed site sketch which includes the information requested in F.1. If an undefined discharge is requested please submit a detailed site sketch which includes the information requested in F.2.
  1. **Detailed Sketch of the Site for Defined Discharges**—Must include a detailed sketch of the site showing the location of end of pipe dewatering discharge(s) at the site—to include the flow line of each requested dewatering discharge. The location and identification of the structural Best Management Practices (BMPs) used to treat the effluent prior to discharge. The map shall also include the sampling locations for each requested outfall. A legible submittal is required on paper that can be folded to **8 ½ by 11 inches**.
  
  2. **Detailed Sketch of the Site for Undefined Discharges**—This map must include the boundary of the construction site where all potential dewatering could occur. The boundaries should include a northern boundary, an eastern boundary, a southern boundary and a western boundary. The map must highlight or call out street names that border the project boundary. If streets are not available, landmarks or mile-markers must be identified. The map must highlight all potential receiving streams. The map must also include the identification of the structural BMPs used to treat the effluent prior to discharge. A legible submittal is required on paper that can be folded to **8 ½ by 11 inches**.
  
- **Item G—Potential Groundwater Contamination**
  1. **Dewatering on/near Landfills, Mines, or Mill Tailings:** If the dewatering project is located within one mile of a landfill, abandoned landfill, mine or mill tailings check yes. In addition, provide as much detail as possible regarding the extent of contamination and attach all sampling data. Indicate the location of the landfill, mine, etc. on the Location and Detail Maps.
    - **Contamination plume information can be obtained from the following source:**  
<http://www.cdphe.state.co.us/hm/HMSiteCover.htm>
  
  2. **Sampling Data:** If any sampling data is available that is representative of the proposed discharge mark yes. Attach a copy of all sampling results to the application. If the data was collected for another agency or private company include a brief description as to why the data was collected.
  
  3. **Additional Sources of Contamination:** Mark yes if the proposed construction site resulting in a dewatering discharge has been evaluated for any additional sources of contamination. Additional sources include underground storage tanks, dry cleaners, voluntary clean-up sites, etc. Also mark yes, if a Phase I or Phase II has been conducted on the property or adjacent properties. Attach a copy of all records (phase I, phase II, sampling efforts) that could help characterized the water to be discharged.
    - **Contamination plume information can be obtained from the following source:**  
<http://www.cdphe.state.co.us/hm/HMSiteCover.htm>
  
- **Item H—Additional Information**
  1. **Stormwater Permit for Construction Activities:** If the applicant holds a stormwater permit for construction related activities (parcels  $\geq$  1 acre) include the stormwater permit number. If you have applied, or intend to apply but have not yet obtained coverage and your certification number, indicate “Pending” for this item.
  
- **Item I—Signature Requirements**—The permit applicant listed in Part A.1 must sign the permit application. Signatures must meet the requirements established in Regulation 61.4(1)(h).