



For Agency Use Only:	
Permit Number Assigned	
COG07 -	_____
COG315 -	_____
COG316 -	_____

**Application for COLORADO DISCHARGE PERMIT SYSTEM (CDPS)
 General Permits:**

- Construction Dewatering (COG070000)
- Remediation Activities Discharging To Surface Water (COG315000), or
- Remediation Activities Discharging To Groundwater (COG316000)

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

This combined permit application is designed to streamline the application process for the three types of discharge permits listed in Part A below, and includes an *Application Guidance Document* to help applicants complete the application and select the right permit coverage for their activity. Please note that **one** application is intended to cover **one** project and **one** type of permit. Where multiple projects or types of permits are required, please submit an appropriate number of permit applications.

The application must be submitted to the Water Quality Control Division at least 30 days (for Construction Dewatering) or 45 days (for Remediation) 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**

IMPORTANT: Please read the *Application Guidance Document (Guidance)* for this permit application prior to completing this application. The *Guidance* provides specific and important instructions required for completing this application correctly.

A. PERMIT INFORMATION

Reason for Application: NEW CERT
 RENEW CERT EXISTING CERT # _____

Applicant is: Property Owner Contractor/Operator

Application is for the following discharge permit (select ONE). See Guidance.

- Construction Dewatering (COG070000)
- Remediation Activities Discharging to Surface Water (COG315000)
- Remediation Activities Discharging to Groundwater (COG316000)

Note: This application is designed for processing each of the three permit types listed above. The division may request additional characterization of the proposed discharge to ensure that the appropriate permit coverage is requested and the appropriate permit certification is issued. The division may deny or change the requested type of discharge permit after review of the submitted application and will notify the applicant of the changes. Coverage under the "Subterranean Dewatering or Well Development" General Permit COG6030000 is not available using this application form.



B. CONTACT INFORMATION

1. Permittee Information

Organization Formal Name: _____

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): _____

Currently Held By (Person): _____

Telephone No: _____

Email address: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

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): _____

Currently Held By (Person): _____

Telephone No: _____

Email address: _____

Organization: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

4. Operator in Responsible Charge Required for Groundwater Remediation COG315000 or COG316000

Same as 1) Permittee

Same as 3) Site/ Local Contact

**Note: Where the division determines that coverage under the construction dewatering permit is appropriate, an ORC is not required.*

Operator Number _____ Legal Name: _____

Telephone No: _____ Email address: _____

Company: _____

5. Billing Contact

Same as 1) Permittee

Responsible Position (Title): _____

Currently Held By (Person): _____

Telephone No: _____

Email address: _____

Organization: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

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 _____

Street Address (or cross streets) _____

City _____ Colorado, Zip Code _____

County _____

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 excavation resulting in the discharge(s). If the exact excavation location(s) are not known, list the latitude and longitude of the center point of the construction project. If using the center point, be sure to specify that it is the center point of construction activity.

001A Latitude _____ Longitude _____ (e.g., 39.703°, 104.933°)
 degrees (to 6 decimal places) degrees (to 6 decimal places)

Horizontal Collection Method: GPS Unspecified Interpolation Map - Map Scale Number _____
 Reference Point: Project/Facility Entrance Project/Facility Center/Centroid

Horizontal Reference Datum: _____

Standard Industrial Classification (SIC) Code(s) for this FACILITY (include up to 4, in order of importance)

1 _____ 2 _____ 3 _____ 4 _____

D. PROJECT DESCRIPTION

D.1. Description of Activity:

- a) Provide a brief overview of the project and dewatering activity (e.g., highway, bridge and tunnel construction, storm drain expansion, etc.).

- b) Is the dewatering and discharge in-stream? (The dewatering operation is considered in-stream where the dewatering activity is conducted within approximately the ordinary high water mark of the stream and/or on the bank of the stream and the discharge is back to the same water body.)
 Yes * No

**If yes, you must provide a description of how your project meets this definition in the box below. If no description is provided, the work will not be considered in-stream. Please note that in-stream work activities may also require a separate federal Clean Water Act Section 404 Permit and Colorado 401 Certification.*



- c) Does the activity involve work on or near existing sanitary sewer lines or septic systems?
 Yes No

D.2 Description of Discharge:

- a) Is the discharge to a ditch or storm sewer system? Yes* No
**If yes, the applicant must contact the owner of the ditch or storm sewer system prior to discharging to address any local ordinances and to determine whether additional requirements will be imposed by the owner.*

- b) Is the discharge to an impoundment? Yes* No
**If yes, note that discharge of contaminated groundwater to impoundments are regulated by the Solid Waste Program in the Hazardous Materials and Waste Management Division (HMWMD), and cannot be covered under either the Construction Dewatering or the Remediation Activities Discharging to Surface Water or Groundwater permits.*

c) Discharge Frequency and Duration:

- Estimated discharge start date: _____
- Estimated discharge duration: Years _____ Months _____ Days _____
- Will the permit coverage be transferred after construction is completed? Yes____ No ____

d) Description of Best Management Practices:

Provide a narrative description of the type(s) of treatment used for each outfall in the box below.

D.3 Discharge Outfalls Limit 20 outfalls:

- Total number of **defined** outfalls requested: _____
- Total number of **undefined** outfalls requested: _____ (allowable for construction dewatering only)
- Complete Table 2a (for discharges to surface water) and/or 2b (for discharges to land with percolation to groundwater) to identify your defined and undefined outfall locations. Attach additional pages as necessary.



Table 2a - Requested Outfalls for Discharges to Surface Water (Discharges that may reach surface water through direct discharge or through a conveyance such as a ditch or a storm sewer system)				
OUTFALL NUMBER ¹	NAME OF RECEIVING STREAM(S) (e.g., Cherry Creek, Boulder Creek, Arkansas River)	ESTIMATED MAXIMUM FLOW RATE ² (gpm)	DESCRIPTION OF DISCHARGE LOCATION ³ (e.g., Discharge enters storm sewer located at the corner of Speer and 8 th Ave. with flow to Cherry Creek)	LATITUDE/LONGITUDE OF EACH DISCHARGE OUTFALL
Defined Discharges to Surface Water				
001-A				
002-A				
003-A				
004-A				
Undefined Discharges to Surface Water <i>(Available for construction dewatering only) (Provide estimated lat/long only for undefined outfalls)</i>				
001-AU				
002-AU				
003-AU				
004-AU				

1 Identify up to 20 defined or undefined outfalls (undefined for construction dewatering only). Use additional pages as necessary.

2 For construction dewatering the maximum flow limit will be equal to twice the estimated maximum flow rate provided in the permit application. For groundwater remediation the 30-day average flow limit will be based on the design capacity of the treatment as provided in the permit application.

3 The discharge location is the point where effluent sampling will occur. This location must be at a point after treatment and before the effluent joins or is diluted by any other waste stream, body of water, or substance. If the discharge is to a ditch or storm sewer system, include the name of the ultimate receiving waters where the ditch or storm sewer discharges.



Table 2b - Requested Outfalls for Discharges to Land with the Potential to Percolate to Groundwater (These discharges do not have the potential to reach surface water either directly or through a conveyance.)

OUTFALL NUMBER ¹	ESTIMATED MAXIMUM FLOW RATE ² (gpm)	DESCRIPTION OF DISCHARGE LOCATION ³ (e.g., Discharge to a field south of project site and East of I-25)	LATITUDE/LONGITUDE OF EACH DISCHARGE OUTFALL
Defined Discharges to Land with Potential Percolation to Groundwater			
G001-A			
G002-A			
G003-A			
G004-A			
Undefined Discharges to Land with Potential Percolation to Groundwater (Available for construction dewatering only) (Provide <i>estimated lat/long</i> only for undefined outfalls)			
G001-AU			
G002-AU			
G003-AU			
G004-AU			

1 Identify up to 20 defined or undefined outfalls (undefined for construction dewatering only). Use additional pages as necessary.

2 For construction dewatering the maximum flow limit will be equal to twice the estimated maximum rate flow rate provided in the permit application. For groundwater remediation the 30-day average flow limit will be based on the design capacity of the treatment as provided in the permit application.

3 The discharge location is the point where effluent sampling will occur. This location must be at a point after treatment and before the effluent joins or is diluted by any other waste stream, body of water, or substance.



E. ADDITIONAL INFORMATION

E.1 Nearby Sources of Potential Groundwater Contamination:

- a) Has the proposed dewatering area been reviewed for possible groundwater contamination, such as plumes from leaking underground storage tanks (LUSTs), hazardous waste sites, or additional sources other than what is normally encountered at excavation and construction sites? *Applicants are expected to exercise due diligence in evaluating their project sites prior to applying for a discharge permit.*

Yes No

- b) Is an open LUST located within **one-half mile** of the site?

Yes* No

**If yes, BTEX analytical data for a source water sample representative of the proposed discharge at the site must be included with the permit application. Failure to include this data may result in delays in processing the permit application until such data is submitted to the Division. See Guidance.*

- c) Is a Superfund site or National Priorities List (NPL) site located within **one mile** of the site?

Yes* No

**If yes, analytical data for all parameters shown in Table 1 of this application (or an alternate list of constituents approved by the division) for a source water sample representative of the proposed discharge must be included with the permit application. Failure to include this data may result in delays in processing the permit application until such data is submitted to the Division. See Guidance.*

- d) Is any other (non-LUST, non-Superfund, non-NPL site) known source of contamination, such as a Voluntary Cleanup (VCUP), Environmental Covenant, or open Correct Action site, located within **one-half mile** of the site?

Yes* No

**If yes, analytical data for all parameters shown in Table 1 of this application (or an alternate list of constituents approved by the division) for a source water sample representative of the proposed discharge must be included with the permit application. Failure to include this data may result in delays in processing the permit application until such data is submitted to the Division. See Guidance.*

- e) If known sources of contamination are located near the site, provide an overview of the source and nature of contamination including:
- The nature of the contamination of the groundwater, alluvial water, stormwater, and/or surface water (the source water) for which treatment and/or remedial activities will occur,
 - The primary industrial activities which resulted in the source water contamination,
 - The source of the contamination (pipes, leaking underground storage tank, up gradient sources, etc.) or state "unknown."



- f) For contaminated discharges (remediation), provide a narrative description of the type(s) of treatment proposed for use at each identified outfall.

E.2 Chemical Additions

List any chemical additives or other materials to be used in the water or to treat water prior to discharge. Include the Material Safety Data Sheet (MSDS) for each chemical with the application.

CHEMICAL NAME	MANUFACTURER	PURPOSE	DOSAGE

E.3 Site Maps and Schematics

Are required maps and schematics attached? Yes No-Application cannot be processed without required maps

- ✓ **A Location Map for Defined Outfalls** - Application must include a location map that shows the location of the project/facility, the location of the defined discharge point(s)/outfalls, and any receiving water(s). A north arrow must be shown. **This map must be on paper that can be folded to 8 ½ x 11 inches.**
- ✓ **A Legible Site Sketch** must be submitted that includes detailed site boundary information including street names or mile markers, the location of dewatering or remediation activities, all defined discharge points, and sampling locations. For undefined discharges (allowed for construction dewatering projects only), the site sketch must include the limits of the construction site boundary and the location of potential receiving waters. **This map must be on paper that can be folded to 8 ½ x 11 inches.**
- ✓ **Does the applicant have a Stormwater Permit for Construction Activities?** YES NO PENDING
If Yes, Stormwater Construction Permit Number: COR-_____

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. Issuance of a CDPS permit does not negate the need to also have the necessary water rights in place. It is also important to understand that even if the activity has an existing CDPS permit, there is no guarantee that the proper water rights are in place.

F. 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 (Legally Responsible Party (Page 2 item 1)) _____

Date _____

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:

- 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.



ATTACHMENT 1

Please Submit the Laboratory Data Package for any Required Analysis with the Permit Application
(See Important Table Notes)

Required Water Quality Data			
<u>Metals</u>	<u>PQL</u>	<u>Metals</u>	<u>PQL</u>
Aluminum-Trec	50 ug/l	Lead-PD	1 ug/l
Antimony-Trec	NA	Manganese-PD	2 ug/l
Arsenic-Trec	1 ug/l	Manganese-Diss	2 ug/l
Arsenic-PD	1 ug/l	Molybdenum-Trec	NA
Barium-Trec	5 ug/l	Nickel-Trec	50 ug/l
Beryllium-Trec	1 ug/l	Nickel-PD	50 ug/l
Cadmium-Trec	1 ug/l	Selenium-Trec	1 ug/l
Cadmium-PD	1 ug/l	Selenium-PD	1 ug/l
Chromium III-Trec	20 ug/l	Silver-Trec	0.5 ug/l
Chromium III-PD	20 ug/l	Silver-PD	0.5 ug/l
Chromium VI-Trec	20 ug/l	Thallium-Trec	1 ug/l
Chromium VI-Diss	20 ug/l	Thallium-PD	1 ug/l
Copper-Trec and PD	5 ug/l	Uranium-PD	1 ug/l
Iron-Trec	10 ug/l	Uranium-Trec	1 ug/l
Iron-Diss	10 ug/l	Zinc-Trec	10 ug/l
Lead-Trec	1 ug/l	Zinc-PD	10 ug/l
<u>Volatiles</u>	<u>PQL</u>	<u>Volatiles</u>	<u>PQL</u>
acrolein	15 ug/l	ethylbenzene*	75 ug/l
benzene*	3 ug/l	methyl bromide	5 ug/l
bromoform	3 ug/l	methyl chloride	4.5 ug/l
carbon tetrachloride	3 ug/l	1,1,2,2-tetrachloroethane	2 ug/l
chlorobenzene	60 ug/l	tetrachloroethylene	2.3 ug/l
chlorodibromomethane	3 ug/l	toluene*	60 ug/l
2-chloroethylvinyl ether	NA	1,2-trans-dichloroethylene	TBD
chloroform	3 ug/l	1,1,1-trichloroethane	5 ug/l
1,2-dichlorethane	3 ug/l	1,1,2-trichloroethane	2.0 ug/l
1,1-dichlorethylene	5 ug/l	trichloroethylene	2.5 ug/l
1,2-dichloropropane	2 ug/l	vinyl chloride	3 ug/l
1,3-dichlorpropylene	TBD	1,4-Dioxane	TBD
<u>Semi-Volatile Organic Compounds</u>	<u>PQL</u>	<u>Semi-Volatile Organic Compounds</u>	<u>PQL</u>
acenaphthene	20 ug/l	1,2-diphenylhydrazine (as azobenzene)	TBD
acenaphthylene	30 ug/l	fluorene	20 ug/l
anthracene	20 ug/l	fluoranthene	25 ug/l
benzidine	170 ug/l	hexachlorobenzene	16 ug/l
benzo(a)anthracene	12 ug/l	hexachlorobutadiene	9 ug/l
benzo(a)pyrene	20 ug/l	hexachlorocyclopentadiene	50 ug/l
3,4-benzofluoranthene	25 ug/l	hexachloroethane	16 ug/l
benzo(ghi)perylene	20 ug/l	indeno(1,2,3-cd)pyrene	20 ug/l
benzo(k)fluoranthene	25 ug/l	isophorone	25 ug/l
bis(2-chloroethyl)ether	15 ug/l	naphthalene	20 ug/l
bis(2-chloroisopropyl)ether	NA	nitrobenzene	19 ug/l
bis(2-ethylhexyl)phthalate	25 ug/l	N-nitrosodimethylamine	30 ug/l

<u>Semi-Volatile Organic Compounds</u>	<u>PQL</u>	<u>Semi-Volatile Organic Compounds</u>	<u>PQL</u>
Butyl benzyl phthalate	25 ug/l	N-nitrosodi-n-propylamine	30 ug/l
2-chloronaphthalene	20 ug/l	N-nitrosodiphenylamine	19 ug/l
chrysene	18 ug/l	pyrene	10 ug/l
dibenzo(a,h)anthracene	20 ug/l	1,2,4-trichlorobenzene	20 ug/l
1,2-dichlorobenzene	2.5 ug/l	2-chlorophenol	35 ug/l
1,3-dichlorobenzene	2.5 ug/l	2,4-dichlorophenol	30 ug/l
1,4-dichlorobenzene	3.5 ug/l	2,4,-dimethylphenol	30 ug/l
3,3-dichlorobenzidine	18 ug/l	4,6-dinitro-o-cresol	17 ug/l
diethyl phthalate	20 ug/l	2,4-dinitrophenol	100 ug/l
dimethyl phthalate	20 ug/l	4-nitrophenol	25 ug/l
di-n-butyl phthalate	25 ug/l	pentachlorophenol	36 ug/l
2,4-dinitrotoluene	100 ug/l	phenol	15 ug/l
2,6-dinitrotoluene	20 ug/l	2,4,6-trichlorophenol	25 ug/l
xylene*	TBD	1,4-Dioxane	TBD

*BTEX = Benzene, Toluene, Ethylbenzene, and Xylene

Important table notes:

- 1) Please refer to the permit application Guidance to determine whether analytical data is required with the permit application, and if so, what specific type of data is required.
- 2) Abbreviations: **Trec** = Total Recoverable; **PD** = Potentially Dissolved, **Diss** = Dissolved, **PQL** = Practical Quantitation Limit
- 3) Parameter names match the names as they appear in the general permit. The parameter may have a different name in some regulations or the PQL guidance.
- 4) The division may require analytical data for additional parameters where the project site is located in close proximity to potential sources of contamination for parameters not include in this Attachment 1, including but not limited to pesticide, PCB, radionuclide contamination.
- 5) Benzene, toluene, ethylbenzene, and xylene are highlighted to show that they are often grouped as “BTEX” and that data for BTEX is more commonly required than data for other parameters.
- 6) Applicants applying under the General Permit for Remediation Activities Discharging to Groundwater (COG316000) are encouraged to contact the division prior to sample collection to ensure that the correct metal speciation is included in the sample analysis.