

**STORMWATER
DISCHARGES ASSOCIATED WITH
CONSTRUCTION ACTIVITY**

This application is for use by all stormwater dischargers engaged in construction activities. Construction activities include clearing, grading, excavation, and other ground disturbance activities. Construction does not include routine maintenance performed by public agencies, or their agents to maintain original line and grade, hydraulic capacity, or original purpose of the facility.

This application covers Large Construction Sites (disturbing 5 or more acres) and Small Construction Sites (disturbing at least 1 but less than 5 acres). See Items 4 and 5. The requirement for Small Construction Sites to obtain permit coverage begins on **July 1, 2002**.

Application Due Dates: At least **ten days** prior to the anticipated date of discharge (start of construction), the owner or operator of the construction activity shall submit an application as provided by the Water Quality Control Division (the "Division"). This form may be reproduced.

Permit Fee: Do not send any payment with this application. You will be billed once you are covered under a permit.

Application Completeness: All items of the application must be completed accurately and in their entirety or the application will be deemed incomplete, and processing of the permit will not begin until all information is received. (Do not include a copy of the Stormwater Management Plan, unless requested by the Division.) One original copy of the completed application (no faxes) shall be submitted, only to:

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

If you have questions on completing this application, you may contact the Division at (303) 692-3517.

INSTRUCTIONS

- Item 1 - Provide the name and address of the permit applicant, including the company name, local contact, and mailing address. Indicate whether the applicant is the owner, developer or contractor of the construction site, and the status as a private, federal, state, county or other public entity.
- Item 2 - Provide the street address of the construction site. (If not available, include the nearest intersection or other identifying information.) For the approximate center point of the property, the longitude/latitude, to the nearest 15 seconds, **must** be included. This information is easily obtainable from a U.S. Geological Survey topographical map, available at area map stores. Also include the name of the construction project.

- Item 3 - Briefly describe the nature of the construction activities. Include such things as what is being constructed, the ultimate land use, construction methods, or other factors which might affect stormwater quality.
- Item 4 - Provide the current estimated start and completion dates for the construction project.

Start date: This is the day you expect to begin disturbing soils, including grubbing, stockpiling, excavating, and grading activities.

Completion date: in terms of permit coverage, this is when the site is finally stabilized. This means that all disturbed areas have been either built on, paved, or a uniform vegetative cover has been established. **Permit coverage must be maintained until that time. Even if you are only doing one part of the project, the estimated completion date must be for the overall project.** If permit coverage is still required once your part is completed, the permit must be transferred to the owner/operator.

For Small Construction Sites (1-5 acres), it is very important to provide an accurate estimate. **If in doubt, assume a longer period of time.** If your estimate is for 12 months or less, the permit fee will be \$113* per quarter, with a minimum fee payment of one quarter. The quarter will begin on the date the permit is issued. For those permit certifications issued for longer than 12 months, the fee is \$449* per year. You will receive your bill after the issuance of your certification. Payment is due upon receipt. (*Amount subject to change by the Colorado legislature.)

If your estimate is for 12 months or less, your certification will automatically expire at the end of the relevant quarter (see certification for exact date). If your project is not completed (finally stabilized) as defined above by that time, you must fill out the Construction Certification Extension form (included with your permit), or risk being in violation of the Clean Water Act.

- Item 5 - Provide both the total area of the construction site, and the area that will undergo disturbance, in acres. **Note:** aside from clearing, grading and excavation activities, disturbed areas also include areas receiving overburden (e.g., stockpiles), and areas with heavy equipment/vehicle traffic and storage.

If the project is part of a larger common plan of development or sale, the disturbed area of the total plan should also be included. This will be used to determine if the project is a Small Construction Site (see Item 4), and if the site may qualify for the waiver discussed below. A “common plan of development or sale” is a site where multiple separate and distinct construction activities may be taking place at different times on different schedules, but still under a single plan. This includes phased projects, projects with multiple filings or lots, and projects in a contiguous area that may be unrelated but still under the same contract.

If the total of the disturbed area is less than five acres, and the project will last less than one year, the site might qualify for a waiver based on the Rainfall Erosivity Factor. See <http://www.cdphe.state.co.us/wq/PermitsUnit/wqcdpmt.html> for more information.

- Item 6 - Identify the receiving water. Receiving waters are any waters of the State of Colorado. These include any and all surface waters that are contained in or flow in or through the State of Colorado (except for water withdrawn for use until use and treatment have been completed). This definition includes all water courses, even if they are usually dry.

If stormwater from the construction site enters a ditch or storm sewer system, identify that system and indicate the ultimate receiving water for the ditch or storm sewer. **Note:** a stormwater discharge permit does **not** allow a discharge into a ditch or municipal storm sewer system without the approval of the owner/operator of that system.

Item 7 - The certification of completion of a Stormwater Management Plan (SWMP) **must** be signed by the applicant or their authorized agent. Appendix A contains the requirements for the SWMP **during the period of construction** (as listed in the general permit). Submittal of the SWMP is **not** required, however it must be developed and implemented and kept at the construction site. The Division reserves the right to request the SWMP at any time.

Note: The Division has a guidance document available on SWMP preparation (go to <http://www.cdphe.state.co.us/wq/PermitsUnit/wqcdpmt.html> or call (303) 692-3517).

Item 8 - The application **must be signed** to be considered complete. In all cases, it shall be signed as follows:

- a) In the case of corporations, by a principal executive officer of at least the level of vice-president or his or her duly authorized representative, if such representative 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, ranking elected official, or other duly authorized employee.

GENERAL PERMIT APPLICATION

STORMWATER DISCHARGES
ASSOCIATED WITH:

CONSTRUCTION ACTIVITY

(Permit No. COR-030000)

For Agency Use Only

C O R - 0 3 _____

Date Received
Year Month Day

Code: 9A 9B 9C(1) 9D(2) 9E(3) 9F(4)

Please print or type. All items must be completed accurately and in their entirety or the application will be deemed incomplete and processing of the permit will not begin until all information is received. Please refer to the instructions for information about the required items. An original signature of the applicant is **required**.

1. **Name and address of the permit applicant:**

Company Name _____

Mailing Address _____

City, State and Zip Code _____

Phone Number (____) _____ Who is applying? Owner Developer Contractor

Entity Type: Private Federal State County City Other: _____

Local Contact (familiar with facility) _____

Title _____ Phone Number (____) _____

2. **Location of the construction site:**

Street Address _____

City, State and Zip Code _____

County _____ Name of plan or development _____

Latitude and Longitude _____

3. **Briefly describe the nature of the construction activity:**

4. **Anticipated construction schedule (SEE INSTRUCTIONS!):**

Commencement date: _____ Completion date: _____

5. **Area of the construction site:**

Total area of project site (acres) _____

Area of project site to undergo disturbance (acres) _____

If project site is part of a Larger Common Plan of Development or Sale, total area of common plan to undergo disturbance (see Instructions) _____

6. **The name of the receiving stream(s).** (If discharge is to a ditch or storm sewer, also include the name of the ultimate receiving water):

7. **Stormwater Management Plan Certification:**

"I certify under penalty of law that a complete Stormwater Management Plan, as described in Appendix A of this application, has been prepared for my facility. 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."

Signature of Applicant

Date Signed

Name (printed)

Title

8. **Signature of Applicant (legally responsible person)**

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment."

Signature of Applicant

Date Signed

Name (printed)

Title

APPENDIX A
CONTENTS OF THE STORMWATER MANAGEMENT PLAN (SWMP)

The SWMP shall be prepared in accordance with good engineering, hydrologic and pollution control practices. (The SWMP need not be prepared by a registered engineer.) The main objective of the plan is to identify Best Management Practices (BMPs) which when implemented will meet the terms and conditions of the general permit. **Note:** The Division has a guidance document available on construction SWMP preparation (go to <http://www.cdphe.state.co.us/wq/PermitsUnit/wqcdpmt.html> or call (303) 692-3517).

The plan shall identify potential sources of pollution (including sediment) which may reasonably be expected to affect the quality of stormwater discharges associated with construction activity from the facility. In addition, the plan shall describe and ensure the implementation of BMPs which will be used to reduce the pollutants in stormwater discharges associated with construction activity. **The BMPs must be implemented before construction/grading begins.** Construction operations must implement the provisions of the SWMP required under this part as a condition of this permit.

The SWMP shall include the following items, at a minimum:

1. **Site Description**

Each plan shall provide a description of the following:

- a) A description of the construction activity.
- b) The proposed sequence for major activities.
- c) Estimates of the total area of the site, and the area of the site that is expected to undergo clearing, excavation or grading.
- d) An estimate of the runoff coefficient of the site before and after construction activities are completed and any existing data describing the soil, soil erosion potential or the quality of any discharge from the site.
- e) A description of the existing vegetation at the site and an estimate of the percent vegetative ground cover.
- f) The location and description of any other potential pollution sources, such as vehicle fueling, storage of fertilizers or chemicals, etc.
- g) The location and description of any anticipated non-stormwater components of the discharge, such as springs and landscape irrigation return flow.
- h) The name of the receiving water(s) and the size, type and location of any outfall or, if the discharge is to a municipal separate storm sewer, the name of that system, the location of the storm sewer discharge, and the ultimate receiving water(s).

2. **Site Map**

Each plan shall provide a generalized site map or maps which indicate:

- construction site boundaries
- all areas of soil disturbance
- areas of cut and fill
- areas used for storage of building materials, soils or wastes
- location of any dedicated asphalt or concrete batch plants
- location of major erosion control facilities or structures
- springs, streams, wetlands and other surface waters
- boundaries of 100-year flood plains, if determined

3. **BMPs for Stormwater Pollution Prevention**

The plan shall include a narrative description of appropriate controls and measures that will be implemented before and during construction activities at the facility.

The plan shall clearly describe the relationship between the phases of construction and the implementation and maintenance of controls and measures. For example, which controls will be implemented during each of the following stages of construction: clearing and grubbing necessary for perimeter controls, initiation of perimeter controls, remaining clearing and grubbing, road grading, storm drain installation, final grading, stabilization, and removal of control measures. The description of controls shall address the following minimum components:

a) Erosion and Sediment Controls

1) **Structural Practices.** A description of structural site management practices which will minimize erosion and sediment transport. Such practices may include: straw bales, silt fences, earth dikes, drainage swales, sediment traps, subsurface drains, pipe slope drains, inlet protection, outlet protection, gabions, and temporary or permanent sediment basins.

2) **Non-Structural Practices.** A description of interim and permanent stabilization practices, including site-specific scheduling of the implementation of the practices. Site plans should ensure that existing vegetation is preserved where possible and that disturbed areas are stabilized. Non-structural practices may include: temporary seeding, permanent seeding, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, and preservation of mature vegetation.

b) Materials Handling and Spill Prevention

The SWMP shall identify any procedures or significant materials handled at the site that could contribute pollutants to runoff. These could include: exposed storage of building materials, fertilizers or chemicals; waste piles; and equipment maintenance or fueling procedures. Areas or procedures where potential spills can occur shall have spill prevention and response procedures identified.

Measures to control stormwater pollution from dedicated concrete batch plants or dedicated asphalt batch plants covered by this certification, must be identified in the SWMP.

4. Final Stabilization and Long-term Stormwater Management

A description of the measures used to achieve final stabilization and measures to control pollutants in stormwater discharges that will occur **after** construction operations have been completed.

Final stabilization is reached when all soil disturbing activities at the site have been completed, and uniform vegetative cover has been established with a density of at least 70 percent of pre-disturbance levels, or equivalent permanent, physical erosion reduction methods have been employed.

For purposes of this permit, establishment of a vegetative cover capable of providing erosion control equivalent to pre-existing conditions at the site can be considered final stabilization. The permittee will be responsible for providing to the Division the documentation to make this comparison. The Division may, after consultation with the permittee and upon good cause, amend the final stabilization criteria for specific operations.

5. Other Controls

A description of other measures to control pollutants in stormwater discharges, including plans for waste disposal and limiting off-site soil tracking.

6. Inspection and Maintenance

A description of procedures to inspect and maintain in good and effective operating condition the vegetation, erosion and sediment control measures and other protective measures identified in the SWMP.