



COLORADO'S STORMWATER PROGRAM FACT SHEET

2/08

TYPES OF COLORADO INDUSTRIAL STORMWATER GENERAL PERMITS

- Light Industry** General Permit (Permit No. COR-010000)
- Heavy Industry** General Permit (Permit No. COR-020000)
- Construction** General Permit (Permit No. COR-030000)
- Metal Mining** General Permit (Permit No. COR-040000)
- Sand and Gravel** General Permit (Permit No. COR-340000)
- Coal Mining** General Permit (Permit No. COG-850000)
- Recycling Industry** General Permit (Permit No. COR-060000)

APPLICATION DEADLINES

- | | |
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| Application for all permit types except construction | 30 days prior to anticipated date of discharge |
| Application for construction permit | 10 days prior to the start of construction |

CONTACTS

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

U.S. EPA, Region VIII
Office of Ecosystems Protection & Remediation
Ecosystems Protection Prog. - Community

999 18th St. (Mail Code EPR-EP)
Denver, CO 80202-2466

- Kathy Dolan, Nathan Moore, Matt Czahor, Kathy Rosow,
(303) 692-3517

- Region VIII, Greg Davis, (303) 312-6314
- Region VIII Information Line, (303) 312-6312

Website: www.cdphe.state.co.us/wq/PermitsUnit

ACRONYMS AND ABBREVIATIONS

BMPs	Best Management Practices – physical, structural, and/or managerial practices that, when used singly or in combination, prevent or reduce pollution of stormwater
CDPHE	Colorado Department of Public Health and Environment
CDPS	Colorado Discharge Permit System (Colorado's version of the NPDES program)
CFR	Code of Federal Regulations
CRS	Colorado Revised Statutes
CWA	Federal Clean Water Act
Division, WQCD	Water Quality Control Division, which is under the CDPHE.
DMR	Discharge Monitoring Report - report form required for those permittees who have to sample
EPA	Environmental Protection Agency
MS4	Municipal Separate Storm Sewer System
NOI	Notice of Intent (EPA's form to apply for coverage under their general permits. In Colorado, the term "application" is used instead.)
NPDES	National Pollutant Discharge Elimination System (Section 402 of the CWA)
Regulation 61	Colorado Discharge Permit System Regulations – includes stormwater regulations
SIC Code	Standard Industrial Classification Code; a four-digit number used to identify industry types
SWMP	Stormwater Management Plan – required under Colorado's industrial stormwater permits

(similar to EPA's Storm Water Pollution Prevention Plan, or SWPPP)

COLORADO'S STORMWATER PROGRAM

2/08

On November 16, 1990, EPA issued a final regulation on the control of stormwater from municipal and industrial stormwater discharges. The stormwater program is under the NPDES (National Pollutant Discharge Elimination System) part of the Clean Water Act. The regulation is meant to reduce the amount of pollutants entering streams, lakes and rivers as a result of runoff from residential, commercial and industrial areas. The regulation (40 CFR 122.26) covers specific types of industries, and storm sewer systems for municipalities with more than 100,000 population.

In Colorado, the program is under the Colorado Department of Public Health & Environment, Water Quality Control Division. (The Colorado program is referred to as the Colorado Discharge Permit System, or CDPS, instead of NPDES.)

THE STORMWATER PROGRAM - PHASE I

The program began operating under Phase I of the regulations. Colorado's regulation for Phase II was finalized in March 2001. A summary of the Phase II regulation begins on page 3.

1. MUNICIPALITIES - PHASE I

Under Colorado's program, Denver, Aurora, Lakewood, Colorado Springs, and CDOT are covered by Phase I of the municipal permitting process. (Municipalities less than 100,000 population and meeting certain other criteria have been brought in under Phase II of the program.)

Municipalities in Phase I had a two-step application process. Part I required an inventory of all their outfalls. It also included a substantial amount of monitoring, and gathering information about existing programs that control stormwater quality.

In Part II of the municipal application, the cities developed a Stormwater Management Program. In general, this included controls on cross-connections and illicit discharges to the storm sewer system, developing policy on such things as street sweeping, roadway deicing, erosion control during construction, etc., and establishing a long-term monitoring program. It also involved developing educational programs, such as one to raise the awareness level of residents about where their used oil or antifreeze goes if they dump it in the storm drain.

2. INDUSTRIES - PHASE I

Industrial facilities which discharge industrial stormwater either directly to surface waters or indirectly, through municipal separate storm sewers, must be covered by a permit. The industries covered by the program include most manufacturers, mining, transportation facilities, power plants, landfills, auto recyclers, and construction projects that disturb five or more acres of land. (See Appendix A for a complete list of covered industries.)

A. Definition of Terms

–**Municipal separate storm sewer system, or MS4**, means a conveyance or system of conveyances (including roads with drainage system, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains):

- 1) owned or operated by a State, city, town, county, district, association, or other public body (created by or pursuant to State law) having jurisdiction over disposal of sewage, industrial wastes, stormwater, or other wastes, including special districts under State law such as a sewer district, flood control district or drainage district, or similar entity, or a designated and approved management agency under section 208 of the Clean Water Act that discharges to state waters;
- 2) designed or used for collecting or conveying stormwater;
- 3) which is not a combined sewer; and
- 4) which is not part of a Publicly Owned Treatment Works (POTW) as defined at 40 CFR 122.2 and 5 CCR 1002-20, Sec. 4.3.7.X(3-91).

-Stormwater discharge associated with industrial activity: The Stormwater regulations require that stormwater discharges associated with industrial activity be covered under the permit program. This refers to any point source which is used for collecting and conveying stormwater and which is located at an industrial plant or directly related to manufacturing, processing or raw materials storage areas at an industrial plant. The term includes, but is not limited to, stormwater discharges from: industrial plant yards; immediate access roads and rail lines; material handling sites; refuse sites; sites used for the application or disposal of process waters; sites used for storage and maintenance of material handling equipment; sites that are or have been used for residual treatment, storage or disposal; shipping and receiving areas; manufacturing buildings; storage areas (including tank farms) for raw materials, and intermediate and finished products; and areas where industrial activity has taken place in the past and significant materials remain and are exposed to stormwater. (See 40 CFR 122.26 for a more complete definition.)

B. Permit Requirements

The industrial permit requirements include prohibitions against discharges of non-stormwater. They require dischargers to control and eliminate the sources of pollutants in stormwater through the development and implementation of a Stormwater Management Plan (SWMP). The plan must include Best Management Practices (BMPs), which may include treatment of stormwater discharges along with source reduction. Additional requirements are semi-annual inspections, Annual Reports, discharge monitoring reports (in some cases), and annual fees.

Stormwater Management Plan (SWMP) - Development and implementation of a Stormwater Management Plan is one of the main permit requirements. One of the most important features is Best Management Practices, or BMPs. These can encompass a wide range of options, both structural and non-structural. Inclusion of BMPs allows most of the permits to avoid numeric effluent limits.

The purpose of a SWMP is to identify possible pollutant sources to stormwater and to set out BMPs that, when implemented, will reduce or eliminate any possible water quality impacts. A SWMP must be developed for each facility covered by the stormwater program. The plan shall identify potential sources of pollution which may reasonably be expected to affect the quality of stormwater discharges associated with industrial activity from the facility. In addition, the plan shall describe and ensure the implementation of practices which are to be used to reduce the pollutants in stormwater discharges associated with industrial activity at the facility and to assure compliance with the terms and conditions of this permit.

D. Violations/Penalties

Dischargers of stormwater associated with industrial activity, as defined in the EPA Stormwater Regulation (40 CFR 122.26(b)(14)), which do not obtain coverage under the appropriate Colorado general permit, or under an individual CDPS permit regulating industrial stormwater, will be in violation of the Federal Clean Water Act and the Colorado Water Quality Control Act, 25-8-101. For facilities covered under a CDPS permit, failure to comply with any CDPS permit requirement constitutes a violation. Civil penalties for violations of the Act or CDPS permit requirements may be up to \$10,000 per day. Criminal pollution of state waters is punishable by fines of up to \$25,000 per day.

THE STORMWATER PROGRAM - PHASE II

The Water Quality Control Division (“the Division”) amended its regulation to reflect the new federal requirements. The amended state regulation became effective March 2, 2001.

The Phase II regulation contains several important new provisions, as outlined below:

1. CONSTRUCTION

- A. The minimum size of construction projects needing permits was reduced from five acres of disturbed area, to just one acre. These requirement went into effect on July 1, 2002.
- B. There is provision for the waiver of a permit for small (under five acres) construction sites, if the rainfall erosivity factor is less than 5 (usually short-term projects in dry areas).

More details on the various options under this section, such as a description of the waiver, and a discussion on Qualifying Local Programs, are in the Division’s guidance document entitled “Stormwater Fact Sheet – Construction.” It is available at www.cdphe.state.co.us/wq/PermitsUnit, or by calling 303-692-3517.

2. INDUSTRIAL

A. “No Exposure” Waiver

The regulations allow all industrial categories except construction to opt out of permit coverage if they did not have any industrial materials or activities exposed to stormwater. The “no exposure” waiver includes a requirement for certification of ‘no exposure,’ which is good for five years, and must then be renewed. The waiver form is available on the Division’s website.

3. MUNICIPAL

- A. Small municipalities (<100,000) in urbanized areas, including special districts, have been brought into the **municipal** part of the program, but with simpler application and permit requirements than for the large municipalities. Some municipalities are required to have permit coverage, while others must be evaluated by the Division to determine whether permit coverage is needed. The list of municipalities currently under an MS4 general permit is in Appendix C. Below are the categories of municipalities which may be brought under the regulation at a future date.

1) State *must evaluate* for permit coverage:

If the municipality has a population from 10,000-50,000, is **outside** of an urbanized area, and has a population density of at least 1000/square mile.

Designation Criteria:

- discharge to sensitive waters
- high growth or growth potential
- size of population and population density
- contiguity to an urbanized area
- significant contributor of pollutants to State waters
- adequacy of existing stormwater quality control programs

2) State *can evaluate* for permit coverage:

Any municipality under 10,000 population, with less than 1000 population/square mile, and outside an urbanized area

The definition of an MS4 which requires coverage can also include “Non-standard MS4s,” which are publicly owned storm sewer systems at military bases, schools, hospital or prison complexes, and highways and other thoroughfares, if they are within an urbanized area. It does not include systems in very discrete areas, such as individual buildings.

B. Municipal Permit Requirements

The Division has issued three municipal general permits: one for MS4s within the Cherry Creek Reservoir Basin, one for other MS4s state-wide, and one specifically for Non-standard MS4s. The permits include the six minimum controls as outlined in the regulation:

- 1) Public education and outreach on stormwater impacts
- 2) Public involvement/participation
- 3) Illicit connections and discharge detection and elimination
- 4) Construction site stormwater runoff control
- 5) Post-construction stormwater management in development/redevelopment
- 6) Pollution prevention/good housekeeping for municipal operations

See Appendix B for a more detailed description of each measure.

4. GUIDANCE/MORE INFORMATION

For further information, visit the Division's website at www.cdphe.state.co.us/wq/PermitsUnit. You may also contact the Stormwater Program staff at (303) 692-3517, or Greg Davis, EPA, at (303) 312-6314. Questions can also be sent via email to the Division at cdphe.wqstorm@state.co.us. The complete text of the federal regulation and related documents, such as fact sheets on various aspects of the regulation and a menu of BMPs, are available on EPA's website at http://cfpub.epa.gov/npdes/home.cfm?program_id=6.

Colorado's regulation is available online at www.cdphe.state.co.us/regulations/wqccregs/index.html - look for the section called Point Source Discharge Permit & Control Regulations – Reg 61. Also, Colorado's Phase II Municipal Guidance, a Construction Fact Sheet, the R-Factor Waiver application, and the industrial No Exposure certification form, are all available at www.cdphe.state.co.us/wq/PermitsUnit.

APPENDIX A

INDUSTRIES REQUIRED TO OBTAIN STORMWATER DISCHARGE PERMITS

The **Standard Industrial Classification (SIC) Code** or codes for the facility usually determines permit coverage. SIC Codes are assigned according to the primary activities performed by a company. They are often assigned for insurance purposes or when a business registers as a corporation. Industries can also determine their SIC Code by checking with their trade association, Chamber of Commerce, legal counsel, or library for the SIC Manual.

The industries are listed here by their SIC Code. The manufacturing industries are generally represented by SIC Codes 20-39. (A two digit code, such as 42, means that **all** industries under that heading, from 4200 to 4299, are covered.) Use this table to determine which of the Division's general permits is appropriate for your facility.

SIC Code	Industry Type	Notes	Permit Type
10	Metal mining and milling	(a) (b)	M
12	Coal mining	(a) (b)	C
13	Oil and gas extraction	(c) (d)	L
14	Mining and quarrying of nonmetallic minerals except fuels	(a) (b)	S
NA	Construction	(b)	N
20	Food and kindred products (except)		L
2011	Meat packing plants		H
2015	Poultry slaughtering and processing		H
2077	Animal and marine fats and oils		H
21	Tobacco products		L
22	Textile mills		L
23	Apparel and other finished products made from fabric and similar material		L
24	Lumber and wood products except furniture (except)		L
2491	Wood preserving		H
25	Furniture and fixtures		L
26	Paper and allied products		L
27	Printing, publishing, and allied products		L
28	Chemicals and allied products (except)	(b)	H
283	Drugs		H
285	Paints and allied products		H
29	Petroleum refining and related industries (except)	(b)	H
2951	Asphalt batch plants	(e)	L,N,S
30	Rubber and miscellaneous plastics products		H
31	Leather Products (except)		L
311	Leather tanning and finishing		L
32	Stone, clay, glass and concrete products (except)		L
3241	Cement manufacturing	(b)	H
3273	Ready-mix concrete facilities	(e)	L,N,S
33	Primary metals industries		H
34	Fabrication of metal products, except machinery and transportation equipment (except)		L
3441	Fabricated structural metal		L
35	Industrial and commercial machinery and computer equipment		L
36	Electronic and other electrical equipment and components, except computer equipment		L
37	Transportation equipment		L
38	Measuring, analyzing, and controlling instruments: photographic, medical, and optical goods, watches and clocks		L
39	Miscellaneous manufacturing industries		L
40	Railroad transportation	(f)	L
41	Local and suburban transit and interurban highway passenger transportation	(f)	L

APPENDIX A

SIC Code	Industry Type	Permit Notes	Permit Type
42	Motor freight transportation and warehousing (except)	(f)	L
4221	Farm Product warehousing and storage		L
4222	Refrigerated warehousing and storage		L
4225	General warehousing and storage		L
43	US Postal Facilities	(f)	L
44	Water Transportation	(f)	L
45	Transportation by Air	(f)(g)	L,H
4911	Steam electric power generation (all fuel types)	(b)	H
4952	Wastewater treatment plants with a design flow of 1.0 MGD or more, or required to have an approved pretreatment program under 40 CFR 403	(b)	L
4953	Hazardous waste treatment, storage or disposal facilities; incinerators (including boilers and industrial furnaces) that burn hazardous waste; and active or inactive landfills, land application sites, or open dumps with industrial waste and without a stabilized final cover	(b)	H
5015	Motor vehicle parts, used		R
5093	Scrap and waste materials		R
5171	Petroleum bulk stations and terminals	(f)	L

Notes:

- (a) For this SIC Code, a stormwater permit is required only if runoff contacts overburden, raw material, intermediate or finished product, or waste products.
- (b) For most facilities covered by the stormwater regulations, SIC codes are used to indicate the **primary** function of the facility. This footnote denotes industries which, in most cases, are covered under the stormwater regulations regardless of what other activities are conducted at the site (contact Division for details).
- (c) This SIC Code only refers to the *operation* of oil and gas facilities (exploration, production, processing, or treatment operations, or transmission facilities). *Construction* activities at oil and gas facilities (e.g., construction of well pads, roads, pipelines, etc.) are covered under the Construction general permit.
- (d) For facilities under this SIC Code, as per the Colorado Discharge Permit System Regulations, Section 61.4(3)(b)(i)(C), the operator of an existing or new discharge composed entirely of stormwater from an oil or gas exploration, production, processing, or treatment operation, or transmission facility is not required to submit a permit application unless the facility has had a discharge of a reportable quantity, or contributes to a violation of a water quality standard:
- (e) Facilities at sand and gravel operations may be covered under the Sand and Gravel general permit; facilities at construction sites may be covered under the Construction general permit; other facilities, including mobile plants, may be covered under the Light Industry general permit.
- (f) In this SIC Code, only facilities with vehicle maintenance (including fueling), equipment cleaning, or airport deicing need a stormwater permit.
- (g) Airports that use 1000 gallons of deicer(s) or more annually, and that have annual fuel sales of one million gal/year or more, are covered under the Heavy Industry general permit. Airports that do not meet these criteria need the Light Industry general permit.

Permit types:

- L: **Light Industry** General Permit (Permit No. COR-010000)
- H: **Heavy Industry** General Permit (Permit No. COR-020000)
- N: **Construction** General Permit (Permit No. COR-030000)
- M: **Metal Mining** General Permit (Permit No. COR-040000)
- C: **Coal Mining** General Permit (Permit No. COG-850000)
- S: **Sand and Gravel** General Permit (Permit No. COR-340000)
- R: **Recycling Industry** General Permit (Permit No. COR-060000)

APPENDIX B

Municipal Permits - Six Minimum Measures

- 1. Public Education and Outreach on Stormwater Impacts.** Permittees must implement a public education program to distribute educational materials to the public and business communities (or conduct equivalent outreach activities) about the impacts of stormwater discharges on waterbodies and the steps that the public and businesses can take to reduce stormwater pollution.
- 2. Public Involvement/Participation.** This program will require that the public play an active role in the development and implementation of the municipality's stormwater management program. At a minimum, permittees must comply with state and local public notice requirements when implementing their stormwater management programs. The means of public notice should be effective, i.e., should attempt to reach a majority of citizens, through the use of a community publication or newspaper of general circulation.
- 3. Illicit Discharge Detection and Elimination.** Permittees will be required to develop and implement a program to detect and eliminate illicit discharges to the MS4. The owner or operator will also be required to develop (if not already completed) a storm sewer system map (or equivalent) showing the location of all outfalls, and all State waters that receive discharges from the MS4. To ensure the effectiveness of this measure, the owner or operator would be required to effectively prohibit, through ordinance, order, or similar means, illicit discharges into the MS4, and implement appropriate enforcement procedures and actions as needed. This measure would also require the owner or operator to develop and implement a plan to detect and address illicit discharges (including illegal dumping) to the system. The plan will require the following components: procedures for tracing the source of an illicit discharge; procedures for removing the source of the discharge, and procedures for locating priority areas likely to have illicit discharges.
- 4. Construction Site Stormwater Runoff Control.** Permittees will be required to develop, implement, and enforce a pollutant control program to reduce pollutants in stormwater runoff to their MS4 from construction activities that result in land disturbance of one or more acres. The program will need to include, at a minimum, requirements for construction site owners or operators to implement appropriate erosion and sediment control BMPs, such as silt fences, temporary detention ponds and hay bales, and to control other waste such as discarded building materials; procedures for site plan review; procedures for receipt and consideration of information provided by the public; procedures for inspections during construction; and penalties to ensure compliance.
- 5. Post-Construction Stormwater Management in New Development and Redevelopment.** Permittees will be required to develop, implement, and enforce a program to address the quality of stormwater discharges to their MS4 from new development and redevelopment projects that result in land disturbance of one or more acres. This will involve ordinances or the equivalent, and requiring site-appropriate and cost-effective structural and non-structural BMPs, as appropriate.
- 6. Pollution Prevention/Good Housekeeping for Municipal Operations.** Permittees will be required to develop and implement an operation and maintenance/training program with the ultimate goal of preventing or reducing pollutant runoff from municipal operations. These include facilities such as streets, roads, highways, municipal parking lots, maintenance and storage yards, fleet or maintenance shops with outdoor storage areas, salt/sand storage locations and snow disposal areas operated by the permittee, and waste transfer stations, and activities such as park and open space maintenance, fleet and building maintenance, street maintenance, new construction of municipal facilities, and stormwater system maintenance, as applicable.

APPENDIX C

Phase II MS4 Permittees in Colorado 2/08

COR-090062	Academy 20 School District	COR-090057	Goldsmith Metropolitan District
COR-090041	Adams County	COR-090006	Grand Junction Drainage District
COR-090074	Adams County School Dist. No. 50	COR-090077	Grand Junction, City of
COR-090043	Adams County School District #14	COR-090083	Grand Valley Water Users' Ass'n.
COR-090026	Adams Twelve Five Star Schools	COR-090033	Greeley, City of
COR-090070	Aims Community College	COR-090093	Greenwood Metropolitan District
COR-090048	Arapahoe Community College	COR-090094	Greenwood South Metro District
COR-080010	Arapahoe County	COR-080004	Greenwood Village, City of
COR-080019	Arapahoe Cty Water & WW Auth.	COR-090069	Harrison School District No. 2
COR-090013	Arvada, City of	COR-090076	Heritage Hills Metropolitan District
COR-090080	Auraria Higher Education Center	COR-090053	Highlands Ranch Metro. Dist. No. 1
COR-090059	Aurora Public Schools	COR-080006	Inverness Water & Sanitation Dist.
COR-090071	Berthoud, Town of	COR-090024	Jefferson County
COR-090020	Boulder County	COR-090064	Jefferson County Schools
COR-090029	Boulder Valley School District	COR-090030	Lafayette, City of
COR-090019	Boulder, City of	COR-090052	Larimer County
COR-090089	Brighton, City of	COR-080017	Lincoln Park Metropolitan District
COR-090054	Broomfield, City & County of	COR-090067	Littleton Public Schools
COR-090079	Canon City, City of	COR-090055	Littleton, City of
COR-080001	Castle Pines Metropolitan District	COR-080016	Lone Tree, City of
COR-080015	Castle Pines North Metro District	COR-090018	Longmont, City of
COR-080012	Castle Rock, Town of	COR-090017	Louisville, City of
COR-080008	Centennial, City of	COR-090009	Loveland, City of
COR-080002	Cherry Creek School District No. 5	COR-090012	Manitou Springs, City of
COR-080020	Cherry Creek State Park	COR-090036	Mapleton Public Schools
COR-090066	Cherry Hills Village, City of	COR-080014	Meridian Metropolitan District
COR-090035	Cheyenne Mountain School Dist. 12	COR-090031	Mesa County
COR-090046	Colorado Community College System	COR-090085	Mesa County Valley School Dist. 51
COR-090095	Colorado Dept of Human Services	COR-090061	Montrose, City of
COR-090090	Colorado Rockies Baseball Club LTD	COR-090039	Monument, Town of
COR-090025	Colorado Springs School Dist. 11	COR-090010	Northglenn, City of
COR-090002	Colorado State University	COR-090014	Orchard Mesa Irrigation District
COR-090007	Columbine Valley, Town of	COR-090005	Palisade, Town of
COR-090032	Commerce City, City of	COR-080011	Parker, Town of
COR-090047	Community College of Aurora	COR-090078	Pikes Peak Community College
COR-090081	Denver Health & Hospital Authority	COR-090001	Poudre School District
COR-090086	Denver Public Schools	COR-090060	Pueblo County
COR-090044	Denver West Metropolitan District	COR-090096	Pueblo West Metro. District
COR-080003	Douglas County	COR-090040	Pueblo, City of
COR-080007	Douglas County RE 1 School Dist.	COR-090045	Red Rocks Community College
COR-090088	Durango, City of	COR-090023	Regional Transportation District
COR-080005	E-470 Public Highway Authority	COR-090082	Sheridan, City of
COR-080009	East Cherry Creek Valley WSD	COR-090091	Southwest Plaza Metro. Dist.
COR-090068	Edgewater, City of	COR-090016	St. Vrain Valley School District
COR-090011	El Paso County	COR-090087	Steamboat Springs, City of
COR-090056	Englewood, City of	COR-080018	Stonegate Village Metro. Dist.
COR-090021	Erie, Town of	COR-090022	Superior, Town of
COR-090058	Evans, City of	COR-090073	Thompson School District (R2J)
COR-090072	Fairlake Metropolitan District	COR-090034	Thornton, City of
COR-090065	Falcon School District 49	COR-090075	University of Colorado (Denver)
COR-090038	Federal Heights, City of	COR-090028	University of Colorado at Boulder
COR-090092	Foothills Park & Recreation District	COR-090042	University of Colorado at Colo. Springs
COR-090050	Fort Collins, City of	COR-090037	Weld County
COR-090008	Fountain, City of	COR-090027	Weld County School District Six
COR-090049	Front Range Community College	COR-090051	Westminster, City of
COR-090003	Glendale, City of	COR-090015	Wheat Ridge, City of
COR-090004	Golden, City of	COR-090084	Widefield 3 School District

APPENDIX D

REFERENCES/GUIDANCE

(updated 2/08)

A. Division Documents

- **Water Quality Control Division – Stormwater Permitting**
Available at: www.cdphe.state.co.us/wq/PermitsUnit/stormwater
Includes all stormwater general permits, applications, SWMP guides, reporting forms, and:
 - ◆ General:
 - Stormwater Fact Sheet
 - Stormwater Permit Fees
 - ◆ Construction:
 - Construction Fact Sheet
 - Oil and Gas Industry Construction Fact Sheet
 - R-Factor Waiver
 - ◆ Industrial:
 - No Exposure Certification
 - Stormwater Sampling Guidance Document
 - ◆ Municipal (MS4):
 - Colorado Phase II Stormwater Municipal Guide
 - Non-Standard MS4s Municipal Guide Fact Sheet
 - Qualifying Local Programs Guidance
 - Municipally Owned Industry Q&A

B. EPA Documents

- **EPA Stormwater Phase II**
A very useful web page with a lot of information and good FAQs. Includes many fact sheets covering the Small MS4 Program, the Construction Program, and the Industrial “No Exposure” Waiver. Available on the net at http://cfpub1.epa.gov/npdes/pubs.cfm?program_id=6
 - ◆ EPA’s Stormwater Phase II Compliance Assistance Guide, March 2000
 - ◆ EPA’s Menu of BMPs – <http://cfpub.epa.gov/npdes/stormwater/menuofbmps/index.cfm>
- **National Stormwater Best Management Practices (BMP) Database (EPA/ASCE, 4/01)**
Database of monitoring results showing effectiveness of structural and non-structural BMPs. Data contributions are being solicited on an on-going basis. Available as CD-ROM, or on the web at <http://www.bmpdatabase.org>
 - ◆ Call Jane Clary or Jonathan Kelly at Wright Water Engineers, Inc., (303) 480-1700, or email at clary@wrightwater.com for a copy of the CD-ROM and user’s guide (free).
- **Stormwater Management for Industrial Activities: Developing Pollution Prevention Plans and Best Management Practices (EPA-832-R-92-006, 9/92); and
Developing Your Stormwater Pollution Prevention Plan: A Guide for Construction Sites**
 - ◆ Both documents available at:
http://cfpub1.epa.gov/npdes/docs.cfm?document_type_id=1&view=Policy%20and%20Guidance%20Documents&program_id=6&sort=name

C. Local and Other Documents, Courses

- **Urban Drainage and Flood Control District (UDFCD) Drainage Criteria Manual (Vol. 3)**

This is a stormwater BMP manual developed for the Denver metro area. Includes regional, residential, industrial, commercial, and construction BMPs. This manual is a highly respected across the country and a great resource for professionally accepted design criteria for construction BMPs. Available free from the “download” section of the Urban Drainage and Flood Control District web page:
_ ♦ www.udfcd.org
- **Center for Watershed Protection**

The Center provides objective and scientifically sound information on effective techniques to protect and restore urban watersheds. Workshops, journals, publications and links are available.
♦ 8391 Main Street, Ellicott City, MD 21043-4605, Phone: (410) 461-8323
♦ <http://www.cwp.org>
- **Rocky Mountain Education Center** (Located at Red Rocks Community College, Lakewood)

Contact the Rocky Mountain Education Center at (800) 933-8394.
Schedule of classes available online at: <http://www.rccc.edu/rmec/cetc.html>

 - ♦ Stormwater Management and Erosion Control Course

One-day course, with an optional additional half-day in the field, on the principles and practices of erosion and sediment control. Recommended for municipal erosion control inspectors and those practicing erosion control in the field. This course is required for the CDOT certified erosion control supervisor certification. Course is given at Red Rocks Community College in Lakewood. Course CETC #150.
 - ♦ Stormwater Compliance Inspector Course

Two-day course (including half-day in the field) on preparing for and conducting a comprehensive construction site inspection. Recommended for municipal erosion control inspectors, construction site managers, and those practicing erosion control in the field. Prerequisite: Stormwater Management and Erosion Control Course (see above). Course is given at Red Rocks Community College in Lakewood. Course CETC #151.