
CITY AND COUNTY OF DENVER
GREENPRINT DENVER
ENVIRONMENTAL MANAGEMENT SYSTEM

Water Quality Requirements

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1. Overview

This Water Quality Requirements Registry details the legal and other requirements (such as permits and plans) that the City and County of Denver (CCoD) is subject to on the Federal, State and local level. It is intended to outline these requirements from their source (such as the United States Code) to specific documents and actions that must take place in order to meet the requirements (such as permits, compliance reporting, and record keeping).

There are many aspects, including routine activities or items, at CCoD facilities that have the potential to impact water quality. These aspects are identified in the most recent version of Environmental Aspects and Impacts Assessment.

To address the legal and other requirements created by these aspects, CCoD holds the following permits:

1. Municipal Separate Stormwater (MS4) Permit;
2. Minimal Discharge (MINDI) Permits;
3. Construction Stormwater Permits.

CDPHE Stormwater Construction Permits are required when construction activities disturb over one acre of soil, or those activities are part of a larger common plan of development or sale (site where multiple separate and distinct construction activities may be taking place at different times on different schedules, but still under a single plan) that will disturb at least one acre. Typically, projects of this magnitude are handled by CCoD contractors who obtain their own Construction Stormwater Permits, which require development and implementation of a stormwater management plan (SWMP).

CCoD also maintains the following programs to prevent impacts to water quality:

1. Commercial / Residential Management Program
 - Maintenance of Structural Controls
 - New Development Planning Procedures (addresses post-construction BMP inspection / maintenance)
 - Public Street Maintenance
 - Flood Management Project Impact Assessment
 - Pesticide, Herbicide, and Fertilizer Application
2. Illicit Discharges Management Program
 - Prevention of Illicit Discharges and Improper Disposal
 - Illicit Discharge Detection and Elimination
 - Procedures to Prevent, Contain and Respond to Spills
 - Public Education and Outreach Program
 - Household Chemical Waste Collection Program
3. Industrial Facilities Stormwater Program (addresses stormwater runoff from industrial sites)

4. Municipal Facility Runoff Control Program (addresses stormwater runoff from municipal facilities);
5. Facility Compliance Program (addresses compliance for air, stormwater, hazardous waste, etc.);
6. Storage Tanks Program (addresses spill prevention and planning, response, and reporting)
7. Water Quality Monitoring Program (assesses water quality conditions in Denver streams and lakes);
8. Complaints Program (addresses environmental complaints brought by the public)

Additionally, CCoD has created and published several Environmental Guidelines (EGs) to assist in controlling the aspects referenced above to minimize impacts to stormwater. A list of EGs can be found in the Environmental Guideline Process and Catalog.

2. Applicable Regulations & Other Requirements

NAME	REGULATOR	CITATION	APPLICABLE PROGRAM	CCoD RESPONSIBLE PERSON
Clean Water Act	US EPA	33 USC 1251 et. Seq.	All	Environmental Regulations Coordination Committee
Federal Water Quality Regulations	US EPA	40 CFR 100-149	All	Environmental Regulations Coordination Committee
Federal Oil Pollution Prevention Regulation	EPA	33 USC 1251, Stat. 868	Storage Tank Program	Paul Bedard
Colorado Water Quality Control Act	CDPHE	25 CRS 8	All	Environmental Regulations Coordination Committee
Colorado Basic Standards for Surface Water (Regulation No. 31)	CDPHE	5 CCR 1002-31	All	Environmental Regulations Coordination Committee
Classification and Numeric Standards for S. Platte River Basin (Regulation No. 38)	CDPHE	5 CCR 1002-38	All	Environmental Regulations Coordination Committee
Colorado Discharge Permit System Regulations (Regulation No. 61)	CDPHE	5 CCR 1002-61	All	Environmental Regulations Coordination Committee
Colorado Regulation Controlling Discharges to Storm Sewer (Regulation No. 65)	CDPHE	5 CCR 1002-65	All	Environmental Regulations Coordination Committee

Segment 14 of the South Platte River <i>E. coli</i> TMDL	CDPHE		All	Paul Sobiech??? Terry Baus???
Denver Sewer ordinances	Denver Wastewater	DRMC Title II, Chapter 56, Article III	All	Reza Kazemian
Denver Private and Building Sewer ordinances	Denver Wastewater	R.M.C. 56-41 to 56-81	All	Reza Kazemian
Denver Storm drainage management and finance ordinances	Denver Wastewater	R.M.C. 56-108 to 56-116	All	Reza Kazemian
Denver Solid Waste Ordinance	Denver Wastewater Department of Environmental Health	DRMC Title II, Chapter 24, Article VI Section 24.8	All	Reza Kazemian Gary Lasswell
Denver Solid Waste Ordinance	Denver Wastewater Department of Environmental Health	DRMC Sections. 48-91 to 48-95	All	Reza Kazemian Gary Lasswell
Local Floodplain Management Ordinances	Denver Department of Public Works	DRMC Title II, Chapter 56, Article IV	All	IPP or DES – not sure – currently responsible party recently resigned

3. Applicable Permits, Plans and Procedures

NAME	REGULATORY DRIVER	PHYSICAL LOCATION	EFFECTIVE DATE	RENEWAL DATE	CCoD RESPONSIBLE PERSON
Construction Stormwater Permit # COR-03-000	5 CCR 1002-61	File #	Project specific	Project specific	Project specific
Construction Stormwater Management Plan	5 CCR 1002-61				Project specific
Municipal Separate Storm Sewer Permit (MS4) #COS-000001	5 CCR 1002-61	File #	April 20, 2003	April 30, 2008	Terry Baus
Municipal Facilities Runoff Control Plan (MFRCP)	Municipal Separate Storm Sewer Permit (MS4)	File #	April 20, 2003	April 30, 2008	Terry Baus
Illicit Discharge Program (Storm)	NPDES Municipal Stormwater Discharge Permit		April 20, 2003	April 30, 2008	Terry Baus

Commercial / Residential Management Program (Post-Construction BMP Inspection / Maintenance)	NPDES Municipal Stormwater Discharge Permit		April 20, 2003	April 30, 2008	Terry Baus
MINDI Permit # / Facility #	Industrial Stormwater Permit # COR-01-000	File #	Site dependant		Gary Lasswell
MINDI Sampling & Analysis Plans (SAP)	None	File #		N/A	Gary Lasswell
Spill Prevention, Countermeasure and Control Plan (SPCC)	Federal Oil Pollution Prevention Regulation	File #			Gary Lasswell
CCoD Water Quality Management Plan		File #			Terry Baus
CCoD Storm Drainage Design and Technical Criteria Manual		File #			PW DES
CCoD Storm Drainage Master Plan		File #			IPP
DRCOG Metro Vision 2020 Clean Water Plan Policies, Assessments and Mgt. Programs		File #			Terry Baus
Denver Lake Management and Protection Plan (2004)		File #			Parks and Recreation
DEQ Quality Assurance Project Plan/Sampling and Analysis Plan		File #			Jon Novick
Segment 14 E.coli TMDL Integrated Compliance Monitoring Plan					Jon Novick
Urban Drainage and Flood Control District - Urban Storm Drainage Criteria Manual		File #			Terry Baus
Contingency Plan (Roslyn facility – large quantity generator)	14 CFR 139	File #			Paul Bedard

4. Reporting Requirements

NAME	DRIVER/ GUIDANCE	FREQUENCY	RECIPIENTS (& ADDRESSES)	REQUIRED SIGNATURE	PHYSICAL LOCATION	CCoD RESPONSIBLE PARTY	INSTRUCTIONS
Industrial Stormwater Annual Report	SW Permit Amend #2 1.F.1	Annual	Kathy Dolan Colorado Department of Public Health and Environment WQCD-P-B2 4300 Cherry Creek Drive South Denver, CO 80246-1530		File #	Terry Baus Program Manager and Darren Mollendor Project Manger	
Stormwater Discharge Monitoring Report (DMR)	SW Permit Amend #2 1.F.4	Quarterly	Same as Above		File #	Terry Bays	
MINDI DMR	MINDI Permit	Quarterly	Colorado Department of Public Health and Environment WQCD-P-B2 4300 Cherry Creek Drive South Denver, CO 80246-1530		File #	Gary Lasswell	
MS4 Annual Report	MS4 Permit 1.F	Annual	Terry Baus Department of Public Works Wastewater Management Division 2000 West 3 rd Avenue Denver, CO 80223		File #	Terry Baus and Darren Mollendor Project Manger	

NAME	DRIVER/ GUIDANCE	FREQUENCY	RECIPIENTS (& ADDRESSES)	REQUIRED SIGNATURE	PHYSICAL LOCATION	CCoD RESPONSIBLE PARTY	INSTRUCTIONS
Illicit Discharge Inspection	NPDES Municipal Stormwater Discharge Permit	Annually	CDPHE Water Quality Control Division 4300 Cherry Creek Drive South Denver, CO 80222	Director or Operations PW - Wastewater Management Division	Wastewater Management Division 2000 West 3rd Avenue Denver, CO 80223	Terry Baus – Program Manager and Kevin Lewis – Project Manager PW/ Wastewater Operations	
New Development Program (Post-Construction BMP Inspections)	NPDES Municipal Stormwater Discharge Permit	Annually	CDPHE Water Quality Control Division 4300 Cherry Creek Drive South Denver, CO 80222	Director or Operations PW - Wastewater Management Division	Wastewater Management Division 2000 West 3rd Avenue Denver, CO 80223	Terry Baus – Program Manager and Kevin Lewis – Project Manager PW/ Wastewater Operations	
Municipal Facility Run-off Control Program	NPDES Municipal Stormwater Discharge Permit	Annually	CDPHE Water Quality Control Division 4300 Cherry Creek Drive South Denver, CO 80222	Director or Operations PW - Wastewater Management Division	Wastewater Management Division 2000 West 3rd Avenue Denver, CO 80223	Terry Baus – Program Manager and Kevin Lewis – Project Manager PW/ Wastewater Operations	
Industrial Sites Storm Water Program	NPDES Municipal Stormwater Discharge Permit	Annually	CDPHE Water Quality Control Division 4300 Cherry Creek Drive South Denver, CO 80222	Director or Operations PW - Wastewater Management Division	Wastewater Management Division 2000 West 3rd Avenue Denver, CO 80223	Terry Baus – Program Manager and Darren Mollendor – Project Manager PW/ Wastewater Operations	

NAME	DRIVER/ GUIDANCE	FREQUENCY	RECIPIENTS (& ADDRESSES)	REQUIRED SIGNATURE	PHYSICAL LOCATION	CCoD RESPONSIBLE PARTY	INSTRUCTIONS
Illicit Discharges Management Program (Construction Sites Program)	NPDES Municipal Stormwater Discharge Permit	Annually	CDPHE Water Quality Control Division 4300 Cherry Creek Drive South Denver, CO 80222	Director or Operations PW - Wastewater Management Division	Wastewater Management Division 2000 West 3rd Avenue Denver, CO 80223	Terry Baus – Program Manager and Kevin Lewis – Project Manager PW/ Wastewater Operations	
Commercial / Residential Management Program (Education and Outreach)	NPDES Municipal Stormwater Discharge Permit	Annually	CDPHE Water Quality Control Division 4300 Cherry Creek Drive South Denver, CO 80222	Director or Operations PW - Wastewater Management Division	Wastewater Management Division 2000 West 3rd Avenue Denver, CO 80223	Terry Baus – Program Manager and Darren Mollendor – Project Manager PW/ Wastewater Operations	
Legal Authority	NPDES Municipal Stormwater Discharge Permit	Annually	CDPHE Water Quality Control Division 4300 Cherry Creek Drive South Denver, CO 80222	Director or Operations PW - Wastewater Management Division	Wastewater Management Division 2000 West 3rd Avenue Denver, CO 80223	Mayor John Hickenlooper	
Streams Water Quality Report		Annually	General Distribution	None	DEH	Jon Novick	
Lakes Water Quality Report		Annually	General Distribution	None	DEH	Alan Polonsky	
Dry Weather Monitoring from Outfalls Report		Quarterly	Terry Baus – WMD	None	DEH	Jon Novick	
Spill Reporting	There are multiple	Per Event	Refer to the Roslyn Contingency Plan		File #	Facility specific	Reporting & record keeping

	requirements for this report depending on the nature & type of spill						requirements vary with specific event conditions.
Industrial Facilities Inspection Program	NPDES Permit Program	Biannually	Kathy Dolan Colorado Department of Public Health and Environment WQCD-P-B2 4300 Cherry Creek Drive South Denver, CO 80246-153	None	DEH	Gary Lasswell	