
CITY AND COUNTY OF DENVER
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ENVIRONMENTAL MANAGEMENT SYSTEM

Remediation Requirements

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1. Overview

This Remediation 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 remediation. 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 operates the following programs:

1. Site Cleanup Program (addresses remediation);
2. Storage Tank Program (addresses spill prevention and planning, response, and reporting);
3. Lead Program (addresses lead contamination);
4. Asbestos Program (addresses asbestos contamination); and
5. Water Quality Program (addresses water quality issues).

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

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2. Applicable Regulations & Other Requirements

NAME	REGULATOR	CITATION	APPLICABLE PROGRAM	CCoD RESPONSIBLE PERSON
Colorado Storage Tank Statutes	CDLE-DOPS	C.R.S. 8-20.5-101 to 8-20.5-304/7 C.C.R. 1101-14	Storage Tank Program	Alioune Sogue
Colorado Storage Tank Regulations	CDLE-DOPS	7 CCR 1101-14, Articles 4 and 5	Storage Tank Program	Alioune Sogue
Clean Water Act (CWA)	CDPHE	33 USC 1251 et. Seq.	All	Environmental Regulations Coordination Committee
Colorado Water Quality Control Act	CDPHE and WQCD	C.R.S. 25-8-101 to 25-8-703/5 C.C.R. 1002-1003	All	Environmental Regulations Coordination Committee
Colorado Basic Standards for Groundwater	CDPHE and WQCD	5 CCR 1002-41 (Regulation No. 41)	All	Environmental Regulations Coordination Committee
Soil Remediation Guidelines	CDPHE-HMWMD	Proposed Soil Remediation Objectives Policy Document	All	Environmental Regulations Coordination Committee
Colorado Air Quality Control Act	CDPHE	Colorado Control of Hazardous Air Pollutants, Regulation 8, Part B C.R.S. 25-7-101 to 25-7-1309/5 C.C.R. 1001	Asbestos Program	Environmental Regulations Coordination Committee
Safe Drinking Water Act (SDWA)	CDPHE	42 U.S.C. s/s 300f et seq/40 CFR Parts 136-149	Water Quality Program	Environmental Regulations Coordination Committee
Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)	EPA	42 USC 9601	Site Cleanup Program Water Quality Program	Lisa Farrell/Alioune Sogue Jon Novick (water quality)
DEH Soil Standards	CCoD	September 2005	All	Dave Erickson
Resource Conservation and Recovery Act (RCRA)	CDPHE	42 U.S.C. s/s 321 et seq/40 CFR Parts 239-299	Site Cleanup Program	Dave Wilmoth
Radiation Control	CDPHE	C.R.S. 25-11-101 to 25-11-305/6 C.C.R. 1007-1	Site Cleanup Program	Alioune Sogue
Rocky Mountain Low Level	CDPHE	C.R.S. 24-60-2201 to 24-60-2212	Site Cleanup Program	Alioune Sogue

Radioactive Waste Compact				
Solid Waste	CDPHE	6 C.C.R. 1007-2	Materials Management/DADs	Peter Kates/Dave Wilmoth
Hazardous Waste	CDPHE	C.R.S. 25-15-101 to 25-15-515/6 C.C.R. 1007-3	Materials Management/DADs	Peter Kates/Dave Wilmoth
Hazardous Waste Sites	CDPHE	C.R.S. 25-16-101 to 25-16-311/6 C.C.R. 1007-3	Site Cleanup Program	Alioune Sogue
Well Installations	CDPHE	2 C.C.R. 402	All	Program dependent
Required Use of Denver-Arapahoe Disposal Site (12/3/01)	CCoD	XO 115	DADs	Dave Wilmoth
Excavations	CCoD	R.M.C.19-1 to 19-29	All	Program dependent
City ROW, stream, sewer regulations	Authority of the Board of Environmental Health	R.M.C. 24-8, R.M.C. 24-9, R.M.C. 24-10, R.M.C. 24-36 to 24-54, R.M.C. 24-231 to 24-251, R.M.C. 49-191 to 49-193, R.M.C. 49-378	Materials Management/DADs	Dave Erickson/Peter Kates
Solid Waste	Authority of the Board of Environmental Health	R.M.C. 48-41 to 48-46, R.M.C. 48-91 to 48-95, R.M.C. 48-101 to 48-105, R.M.C. 48-111 to 48-115	Materials Management/DADs	Peter Kates/Dave Wilmoth

3. Applicable Permits, Plans and Procedures

NAME	REGULATORY DRIVER	PHYSICAL LOCATION	EFFECTIVE DATE	RENEWAL DATE	CCoD RESPONSIBLE PERSON
<i>Permits</i>					
Groundwater Monitoring Well Permits	Office of State Engineer Rules and Regulations for Water Well Construction, Pump Installation, and Monitoring and Observation Hole/Well Construction (2 CCR 402-2)	Filed at Environmental Health (EH) by Address	Varies per well	N/A	Alioune Sogue
Corrective Action Plans (Soil or groundwater)	Colorado Storage Tank Regulations	Filed at EH by Address	Varies per project	N/A	Program-dependant

NPDES Discharge Permit	CWA	Filed at EH by Address	Varies per project	N/A	Alioune Sogue
DADS Certificate of Designation (Sections 4, 6, 9, 31 and 32)(9/16/68)	Colorado Solid Waste 6 C.C.R. 1007-2	Filed at EH by Address	Ongoing	DADs	Dave Wilmoth
DADS Certificate of Designation (Sections 5 and 32)(12/9/04)	Colorado Solid Waste 6 C.C.R. 1007-2	Filed at EH by Address	Ongoing	DADs	Dave Wilmoth
<u>Plans</u>					
VB/I-70 QAPP/SAPP (11/22/04)		Filed at EH by Address		DRP	Lisa Farrell
SIA Material Management Plan	Colorado Solid Waste 6 C.C.R. 1007-2	Filed at EH by Address	2/7/2000		Dave Erickson
SIA Sampling and Analysis Plan/Quality Assurance Project Plan (7/31/00)	CCoD Dept Aviation	Filed at EH by Address	7/31/2000	Ongoing	Dave Erickson
Old DPD IV Corrective Action Plan (2/18/2008)	CDLE 7 CCR 1101-14	Filed at EH by Address	2/18/2008	Ongoing	Alioune Sogue
Fleet Maintenance Osage Corrective Action Plan (7/28/2000)	CDLE 7 CCR 1101-14	Filed at EH by Address	7/28/2000	Ongoing	Alioune Sogue
Fire Station #28 Corrective Action Plan Modification (5/1/2006)	CDLE 7 CCR 1101-14	Filed at EH by Address	5/1/2006	Ongoing	Alioune Sogue
<u>Settlements and Agreements</u>					
Hazardous Substance Response Fund, Denver vs. Colorado (10/14/03)	CERCLA	Filed at EH by Address	Ongoing	Ongoing	Alioune Sogue
Lowry Air Force Base, Intergovernmental Agreement (LAFB) Denver and Aurora (8/1/94)	CCoD/Aurora	Filed at EH by Address	Ongoing	Ongoing	Dave Erickson
Stapleton International Airport, Master Facilities Development Agreement (2/12/01), Amendment (5/30/03)	CERCLA	Filed at EH by Address	Ongoing	Ongoing	Dave Erickson
Stapleton International Airport , Master Lease and Disposition Agreement(7/21/98), Amendment No. 1 (3/14/00), Amendment No. 2 (3/14/00), Amendment No. 3 (3/14/00), Amendment No. 4	CERCLA	Filed at EH by Address	Ongoing	Ongoing	Dave Erickson

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(4/20/00), Amendment No. 5 (7/23/01)					
GIS Intergovernmental Agreements- EPA, CDPHE	Various	Filed at EH by Address	Ongoing	Ongoing	Alice Nightengale-Luhan

4. Reporting Requirements

NAME	DRIVER/ GUIDANCE	FREQUENCY	RECIPIENTS (& ADDRESSES)	REQUIRED SIGNATURE	PHYSICAL LOCATION	CCoD RESPONSIBLE PARTY	INSTRUCTIONS
“No Further Action” Request Report (USTs)	Varies based on the cleanup conditions.	One time requirement per remediation project.	Varies based on regulatory agency enforcing the cleanup	Varies based on responsible party.	Varies based on responsible party.	Alioune Sogue	None
Soil/Groundwater Corrective Action Plan Report	Varies based on the cleanup conditions.	Per requirements in the Corrective Action Plan (CAP)	Varies based on regulatory agency enforcing the cleanup	Varies based on responsible party.	Varies based on responsible party.	Alioune Sogue	None
NPDES Discharge Monitoring Report (DMR)	CWA				File #	Alioune Sogue	None
Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM) Evaluation Report	CERCLA	One time requirement per remediation project.	Varies based on regulatory agency enforcing the cleanup	Varies based on responsible party.	Varies based on responsible party.	Alioune Sogue	None

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