

WATER QUALITY INFORMATION BULLETIN Highlights For July 2010

- Agenda: Administrative Action Hearings and Business Meeting, July 12, 2010 http://www.cdphe.state.co.us/op/wqcc/Meetings/wqag.html
- Notice of Triennial Review Informational Hearing
 - Ground Water Standards, Regulations #41 & #42 (5 CCR 1002-41, 5 CCR 1002-42) http://www.cdphe.state.co.us/op/wgcc/IH/Triennial/TRIH.html
- Notice of Other Informational Hearings
 - WQCD Whole Effluent Toxicity (WET) Policy
 - WQCD Guidance Document for the Site Location and Design Approval Regulations for Domestic Wastewater Treatment Works http://www.cdphe.state.co.us/op/wqcc/IH/Other/OtherIH.html
- Summary of Proceedings/Motions (DRAFT)
 Water Quality Control Commission Regular Meeting, June 7-8, 2010
 http://www.cdphe.state.co.us/op/wqcc/Meetings/meetingsummaries/1006SUM.pdf

A. PERMIT ACTIONS

PERMITS SENT TO PUBLIC NOTICE ON JUNE 18, 2010 – COMMENTS DUE BY JULY 18, 2010
 The website to view public notices and drafts:
 http://www.cdphe.state.co.us/wg/PermitsUnit/PUBLICNOTICE/publiccommentnewpage.html

2. DISCHARGE PERMITS ISSUED - MAY 2010

PERMITTEE	PERMIT NO.	COUNTY	DATE ISSUED
City of Brighton	CO-021547	Adams	05/13/2010

(A) Denotes Amendment

3. GENERAL PERMIT CERTIFICATIONS - MAY 2010

PERMITTEE	PERMIT NO.	COUNTY	DATE ISSUED
Camp Gunnison, Inc	COG-588112	Gunnison	05/05/2010
JBS Pipeline Contractors	COG-073382	Jefferson	05/06/2010
Moltz Construction Inc	COG-073383	Garfield	05/06/2010
Saunders Construction, Inc	COG-073385	Boulder	05/06/2010
Mountain Valley Contracting, Inc	COG-073386	Mesa	05/06/2010
Park Creek Metro District – c/o Forest City Stapleton	COG-073387	Denver	05/06/2010
Reynolds – Tierdael	COG-073388	Arapahoe	05/06/2010
Carter Lake Filter Plant	COG-641133	Larimer	05/10/2010
CDM Constructors, Inc	COG-073389	Arapahoe	05/17/2010
Blanco, Inc	COG-073391	Arapahoe	05/17/2010
Native Excavating, Inc	COG-604076	Routt	05/17/2010
Powertech (USA), Inc	COG-603162	Weld	05/19/2010
Public Service Co of Colorado	COG-073318	Weld	05/20/2010
Public Service Co of Colorado	COG-073392	Mesa	05/20/2010
Lowry Redevelopment Authority	COG-073393	Denver	05/20/2010
RE Monks Construction	COG-073390	Douglas	05/24/2010
Public Service Co of Colorado	COG-073395	Boulder	05/24/2010
BT Construction, Inc	COG-073398	Larimer	05/24/2010
H&F Excavation, LLC	COG-073401	Summit	05/24/2010
Public Service Co of Colorado	COG-315214	Jefferson	05/24/2010
Cherokee Metro Dist	COX-048348	El Paso	05/13/2010
Sacred Heart of Mary Church	COX-631034	Boulder	05/18/2010

⁽A) Denotes Amendment

B. STORMWATER DISCHARGE GENERAL PERMIT CERTIFICATIONS - MAY 2010

COR-010000	Light Industrial Activities	2
COR-020000	Heavy Industrial Activities	1
COR-030000	Construction Activities	102
COR-040000	Metal Mining	1
COR-060000	Recycling	3
COR-070000	Non-Standard MS4	0
COR-080000	Cherry Creek MS4	0
COR-090000	Statewide MS4	0
COR-340000	Sand and Gravel Mining	3
	No Exposure Certifications	2

Stormwater permit applications, guidance documents, general permits, etc, are available at: http://www.cdphe.state.co.us/wq/PermitsUnit

C. ENFORCEMENT/CIVIL PENALTIES/CONSENT OF SETTLEMENT AGREEMENTS

Documents related to the below enforcement actions are available for public inspection at the Division. Copies of the below actions are available upon written request to the Division or, in some instances, may be obtained from the Divisions' Enforcement Action website: http://www.cdphe.state.co.us/wg/enforcement/index.html

1. ENFORCEMENT - NEW ACTION

RESPONSIBLE PARTY	<u>ACTION</u>	<u>COUNTY</u>	<u>DATE</u>
YMCA of the Rockies (YMCA Rockies Wind River)	Drinking Water – Enforcement Order and Administrative Penalty Assessment	Larimer	05/25/2010
Plateau Valley Enterprises, LLC (Valley Ranch Supply)	Drinking Water – Enforcement Order and Administrative Penalty Assessment	Mesa	05/25/2010
Cotter Corporation (Schwartzwalder Mine)	Industrial – Notice of Violation/ Cease and Desist Order	Jefferson	06/01/2010
Town of Hot Sulphur Springs	Stormwater – Notice of Violation/ Cease and Desist Order Amendment 1	Grand	06/10/2010

2. CONSENT OR SETTLEMENT AGREEMENTS TO PUBLIC NOTICE

RESPONSIBLE PARTY	ACTION	COUNTY	<u>DATE</u>
FMI Security Commons, LLC	Stormwater – Compliance Order on Consent	El Paso	06/10/2010

3. FINAL AGENCY ACTIONS

RESPONSIBLE PARTY	<u>ACTION</u>	COUNTY	<u>DATE</u>
John Giancanelli	Amended Final Agency Order	Rio Blanco	05/14/2010

4. NOTICE OF ENFORCEMENT HEARINGS

NONE SINCE LAST PUBLICATION

D. CONSTRUCTION ACTIONS

1. Site Applications Reviews

<u>APPLICANT</u>	<u>TYPE</u>	FACILITY DESCRIPTION	COUNTY	<u>ACTION</u>
Town of Ridgway – Fairgrounds Lift Station	Site Application #ES.10.41890	Lift Station and Force Main. Design capacities 0.16 MGD Average Capacity, 0.36 MGD Peak Capacity	Ouray	Approved 05/25/2010
Longs Peak Council, Inc., Ben Delatour Boy Scout Ranch	Site Application #ES.10.41833	Packaged extended aeration treatment plant and separate, aerated septage-receiving tank with associated lift station	Larimer	Approved 06/01/2010

D. CONSTRUCTION ACTIONS (cont.)

1. Site Applications Reviews

<u>APPLICANT</u>	<u>TYPE</u>	FACILITY DESCRIPTION	COUNTY	<u>ACTION</u>
Upper Blue San Dist – Expansion of South Blue Wastewater Treatment Facility	Site Application #ES.10.41757	Flow equalization, fine screens, rotating biological contactors, secondary clarifiers (with previously-approved manual sludge removal) and soil treatment for phosphorus removal. Expanded raw influent pumping and flow metering	Summit	Approved 06/15/2010
Forest Hills Metro Dist	Site Application #3290 (ES.10.41861) Amendment	Replace existing rotating biological contactor with a sequencing batch reactor	Jefferson	Approved 06/08/2010
Adventure Unlimited – Sky Valley Ranch Expansion	Site Application #4404 (ES.10.41885)	Septic tanks, dosing tank, and soil absorption system	Chaffee	Approved 06/01/2010
McCreek, LLC – McClelland's Creek Lift Station	Site Application #5045 Extension	Extended the site location approval until 03/30/2011	Larimer	Approved 06/01/2010
Boxelder San Dist	Site Application #5057 (ES.10.41857) Extension	Extended the site location approval until 05/21/11	Larimer	Approved 06/11/2010
City of Burlington	Site Application #5082 Correction	Corrections are in italic font: Influent flow meter with totalizer and continuous recorder, manual bar screen, aerated lagoon cell 1 with floating aerators and bentonite liner, aerated lagoon cell 2 (divided into cells 2A and 2B to provide redundancy and operational flexibility) with floating aerators and bentonite liner, chlorination (sodium hypochlorite), dechlorination (sodium bisulfate) and effluent flow meter with totalizer and continuous recorder	Kit Carson	Approved 06/16/2010
Baca Grande Water & San Dist – Wagon Wheel Lift Station	Site Application #5099 Correction	Corrected the hydraulic design capacity from 0.04 MGD to 0.09 MGD and changed the peak hydraulic capacity from 0.138 MGD to 0.317 MGD	Saguache	Approved 06/16/2010

2. Plans and Specifications Reviews

<u>APPLICANT</u>	SITE APPLICATION	FACILITY DESCRIPTION	COUNTY	<u>ACTION</u>
Town of Ridgway – Fairgrounds Lift Station	Site Application #ES.10.41890	Lift Station and Force Main. Design capacities 0.16 MGD Average Capacity, 0.36 MGD Peak Capacity	Ouray	Approved 06/03/2010

D. CONSTRUCTION ACTIONS (cont.)

2. Plans and Specifications Reviews

<u>APPLICANT</u>	SITE APPLICATION	FACILITY DESCRIPTION	COUNTY	<u>ACTION</u>
City of Burlington	Site Application #5082	Influent flow meter with totalizer and continuous recorder, manual bar screen, aerated lagoon cell 1 with floating aerators and bentonite liner, aerated lagoon cell 2 (divided into cells 2A and 2B to provide redundancy and operational flexibility) with floating aerators and bentonite liner, chlorination (sodium hypochlorite), dechlorination (sodium bisulfate) and effluent flow meter with totalizer and continuous recorder	Kit Carson	Approved 06/16/2010
U. S. Department of the Army – Fort Carson	Site Application #5083	Re-rated hydraulic capacity and increased organic treatment capacity provided by new aeration blowers	El Paso	Approved 06/22/2010
Baca Grande Water & San Dist – Mobile Homes Estates (Casita Park) Lift Station	Site Application #5097	Lift station and force main. Design capacities 0.03 MGD Average Capacity, 0.106 MGD Peak Capacity	Saguache	Approved 06/04/2010
Baca Grande Water & San Dist – Wagon Wheel Lift Station	Site Application #5099	Lift station and force main. Design capacities 0.09 MGD Average Capacity, 0.317 MGD Peak Capacity	Saguache	Approved 06/17/2010

E. WATER QUALITY CERTIFICATIONS (Section 401)

Water Quality Certifications, under Section 401 of the Clean Water Act, provide for Division determinations that federally issued permits and licenses will comply with the Basic Standards and Methodologies for Surface Water, the Basic Standards for Ground Water, surface and ground water classifications and water quality standards, and all other applicable water quality requirements for the affected waters.

1. For the purposes of the antidegradation requirements found in Section 31.8 of the Basic Standards and Methodologies, the following projects have been reviewed to make a preliminary determination of the significance of such projects and a draft certification determination. Public comment on these preliminary determinations will be received for thirty days following the date of publication of this newsletter. More information on the specific projects can be obtained from John Hranac (john.hranac@state.co.us), (303) 692-3586) or Christy Pickens (christy.pickens@state.co.us), (303) 692-3584. The U.S. Army Corp of Engineers (COE) may also review these projects, under Section 404 of the Clean Water Act, and a list of their current public notice can be found on their web site.

<u>APPLICANT</u>	PERMIT #	<u>ACTIVITY</u>	COUNTY	WATERBODY	DETERMINATION
#4264 US General Services Admin – McIntyre Gulch	NWO-2010- 307-DEN	Improvements are to raise the channel, stabilize the banks and ensure the integrity of two crossings	Jefferson	McIntyre Gulch, South Platte River Basin, Seg. COSPUS16c of Upper South Platte River Sub-basin	Use protected water no further antidegradation review required. Draft Conditional Certification

E. WATER QUALITY CERTIFICATIONS (Section 401) (cont.)

1. Preliminary Determination

APPLICANT	PERMIT#	ACTIVITY	COUNTY	WATERBODY	DETERMINATION
#4265 County of Pitkin – White Water Park	SPK-2010- 00639	Modify a 450 foot reach for kayaking, tubing, rafting and fishing	Pitkin	Roaring Fork River, Upper Colorado River Basin, Seg. COUCRF03a of Roaring Fork River Sub-basin	Only temporary water quality impacts/Draft Conditional Certification

2. The following projects have received a final certification determination from the Division. For further information regarding these projects, please call the Division at (303) 692-3500.

<u>APPLICANT</u>	PERMIT#	<u>ACTIVITY</u>	COUNTY	WATERBODY	CERTIFICATION
#4257 Urban Drainage and Flood Control Dist/Grange Hall Creek	NWO-2009- 830-DEN	Improvements include placing fill material and installing drop structures riprap to include bank stabilization	Adams	Grange Hall Creek, South Platte River Basin, Seg. COSPUS16c of Upper South Platte River Sub-basin	Regular Conditions
#4258 Platte Canyon School District #1	NWO-2009- 1058-DEN	Original Permit 19980772. Project will consist of a baseball, softball, field, track & football fields. It will include a bridge and a mitigation area. Some work as been started and has impacted a wetland area	Park	South Platte and North Fork, South Platte River Basin, Seg. COSPUS04 of Upper South Platte River Sub-basin	Regular with Special Conditional Certification
#4260 City of Thornton/Sack Creek Detention Pond	NWO-2009- 03131-DEN	Excavate and fill existing pond and wetlands to expand detention area	Adams	Big Dry Creek Tributary, South Platte River Basin, Seg. COSPBD01 of Big Dry Creek Sub- basin	Regular Conditions

3. The following NPDES permit has been reviewed to make a proposed determination for certification in accordance with section 401 of the Federal Clean Water act. Public comment on this proposed determination will be received for thirty (30) days following the date of publication of this newsletter. More information can be obtained from Nathan Moore (Nathan.moore@state.co.us, (303) 692-3555.

NONE SINCE LAST PUBLICATION

F. OUTREACH AND PROJECT ASSISTANCE UNIT

1. LOAN APPLICATIONS RECEIVED

ENTITY	<u>AMOUNT</u>	PROJECT DESCRIPTION	COUNTY	DATE
Town of Alma	\$664,250	Replace the existing 7,100 linear feet of asbestos cement water transmission main with ductile iron pipe	Park	06/15/2010
Bell Mountain Ranch Metro Dist	\$1,034,840	Construct a new well and the associated appurtenances for system redundancy in the event the existing well shuts down	Douglas	06/15/2010
Boxelder San Dist	\$10,800,000	Plan, Design, and Construct a new mechanical treatment system	Larimer	06/15/2010
Divide MPC	\$139,580	Transmission lines, test & complete two wells	Teller	06/15/2010
Florissant Water & San Dist	\$322,000	Upgrade the existing treatment process by installing a membrane filtration skid	Teller	06/15/2010
Florissant Water & San Dist	\$2,317,700	Install an influent flow meter system and upgrade the SBR system	Teller	06/15/2010
Town of Georgetown	\$900,000	Replace existing 1.5 mg storage tank with new 0.5 mg storage tank or rehabilitation existing 1.5mg storage tank; stabilize foundation fill and construct erosion control measure for fill slope	Clear Creek	6/15/2010
Town of Granby	\$4,000,000	Install approximately 2 miles of gravity sewage line to replace 2 lift stations	Grand	06/15/2010
Town of Grover	\$518,000	Installing retention tanks, upgrading the WTF, recoating the water tank, and replacing valves and hydrants in the distribution system	Weld	06/15/2010
Town of Grover	\$998,000	Construction of a new WWTP	Weld	06/15/2010
Hi-Land Acres Water & San Dist	\$1,500,000	Installation of a lift station and associated connection, top hats for sewer taps, sleeve cracked sewer line, buy-in for Thornton and North Metro wastewater systems	Adams	06/15/2010
Town of La Jara	\$1,194,160	Conversion of the existing, out of compliance, facultative lagoon system to a combination of both mechanical and facultative treatment	Conejos	06/15/2010
Town of La Jara	\$729,000	Installation of disinfection systems at both of the Town's water treatment facilities and upgrade of controls at the two wells	Conejos	06/15/2010
Town of Manassa	\$429,900	Installation of a disinfection system and emergency power source at two wells	Conejos	06/15/2010

F. OUTREACH AND PROJECT ASSISTANCE UNIT (cont.)

1. LOAN APPLICATIONS RECEIVED

ENTITY	<u>AMOUNT</u>	PROJECT DESCRIPTION	COUNTY	<u>DATE</u>
Mountain View Villages	\$288,601	The decommissioning of the old wastewater lagoon treatment facility	Lake	06/15/2010
Otis San Dist	\$1,586,000	Modify the existing groundwater discharging WWTF into a non-discharging WWTF	Washington	06/15/2010
Town of Olathe	\$620,000	Gravity sewer and pump station to connect the Neal Subdivision collection system for treatment of sewage at the Town of Olathe WWTF	Montrose	06/14/2010
Town of Swink	\$633,000	Improvements to the existing water treatment plant to remove combined radium	Otero	06/15/2010
Town of Two Buttes	\$1,291,500	Construction of a new water treatment plant to remove combined radium	Baca	06/15/2010

2. LOANS APPROVED BY CWRPDA

<u>ENTITY</u>	<u>AMOUNT</u>	PROJECT DESCRIPTION	COUNTY	DATE
Town of Campo	\$176,900	The project consists of modifying the existing lagoon system into a three cell, lined stabilization lagoon system followed by constructed wetlands for effluent polishing	Baca	06/04/2010

3. LOANS EXECUTED

<u>ENITITY</u>	<u>AMOUNT</u>	PROJECT DESCRIPTION	COUNTY	<u>DATE</u>
City of Lamar	\$2,000,000	The project consists of replacing an existing wastewater lift station with the construction of a new lift station and head works facility	Prowers	05/27/2010
Town of Crested Butte	\$1,900,000	Construction of a secondary clarifier and the rehabilitation of the collection system	Gunnison	05/25/2010

4. STATE GRANT CONTRACTS EXECUTED

NONE SINCE LAST PUBLICATION

5. \$10,000 PLANNING AND/OR DESIGN GRANTS

<u>LOANEE</u>	PROJECT DESCRIPTION	COUNTY	<u>DATE</u>
Costilla County for Costilla County Water & San Dist	Collection system improvements to correct infiltration and inflow	Costilla	06/14/2010
Town of Meeker	Wastewater, PER, EA, Design for alternatives to solve septage vault waste and biosolids treatment and disposal issues	Rio Blanco	06/01/2010

F. OUTREACH AND PROJECT ASSISTANCE UNIT (cont.)

6. WATER QUALITY IMPROVEMENT FUND

NONE SINCE LAST PUBLICATION

7. DRINKING WATER ELIGIBILITY ASSESSMENT

LOANEE	PROJECT DESCRIPTION	COUNTY	DATE
Town of Alma	Replace the existing 7,100 linear feet of asbestos cement water transmission main with ductile iron pipe	Park	06/09/2010
Bell Mountain Ranch Metro Dist	Construct a new well and the associated appurtenances for system redundancy in the event the existing well shuts down	Douglas	06/09/2010
Florissant Water & San Dist	Upgrade the existing treatment process by installing a membrane filtration skid	Teller	06/10/2010
Town of Grover	Design and Construction of improvements to existing water system, including retention tanks, water town maintenance, source water protection improvements, and distribution system upgrades	Weld	06/13/2010
Town of La Jara	Installation of disinfection systems at both of the Town's water treatment facilities and upgrade of controls at the two wells	Conejos	06/17/2010
Town of Manassa	Installation of a disinfection system and emergency power source at two wells	Conejos	06/17/2010
Town of Swink	Improvements to the existing water treatment plant to remove combined radium	Otero	06/14/2010
Town of Two Buttes	Construction of a new water treatment plant to remove combined radium	Baca	06/14/2010

8. PUBLIC HEARING/PUBLIC MEETING

NONE SINCE LAST PUBLICATION

9. FINDING OF NO SIGNIFICANT IMPACT AND CATEGORICAL EXCLUSION DETERMINATIONS

PROJECT DESCRIPTION	COUNTY	<u>DATE</u>
Construct a new well and the associated appurtenances for system redundancy in the event the existing well shuts down	Douglas	06/11/2010
Installation of a lift station and associated connection, top hats for sewer taps, sleeve cracked sewer line, buy-in for Thornton and North Metro wastewater systems	Larimer	06/11/2010
The proposed project is converting the existing (out of compliance) facultative lagoon system to a combination of both mechanical and facultative treatment	Conejos	06/07/2010
Install in the existing facility an HMO chemical feed system, and expand the current building by adding a 12'X16' section	Otero	06/10/2010
	Construct a new well and the associated appurtenances for system redundancy in the event the existing well shuts down Installation of a lift station and associated connection, top hats for sewer taps, sleeve cracked sewer line, buy-in for Thornton and North Metro wastewater systems The proposed project is converting the existing (out of compliance) facultative lagoon system to a combination of both mechanical and facultative treatment Install in the existing facility an HMO chemical feed system, and	Construct a new well and the associated appurtenances for system redundancy in the event the existing well shuts down Installation of a lift station and associated connection, top hats for sewer taps, sleeve cracked sewer line, buy-in for Thornton and North Metro wastewater systems The proposed project is converting the existing (out of compliance) facultative lagoon system to a combination of both mechanical and facultative treatment Install in the existing facility an HMO chemical feed system, and Otero

F. OUTREACH AND PROJECT ASSISTANCE UNIT (cont.)

10. CONSTRUCTION LOAN COMPLETIONS

LOANEE	<u>AMOUNT</u>	PROJECT DESRICTION	COUNTY	<u>DATE</u>
Town of Norwood	\$540,150	Water Treatment Plant and Distribution System Improvements; PRV Upgrades; 500K Gallon Water Storage Tank Rehabilitation; 100K Gallon New Water Storage Tank	San Miguel	06/09/2010

G. TOTAL MAXIMUM DAILY LOADS SENT TO PUBLIC NOTICE ON JULY 1, 2010 COMMENTS DUE BY JULY 30, 2010

TMDLs developed under Section 303(d) of the Clean Water Act are pollutant specific and identify the available assimilative capacity, pollutant sources, and allocate assimilative capacity among those sources. TMDLs have been developed to address the pollutants and waterbodies indicated

Lake Creek, COARUA10; copper South Platte River, Burlington Ditch to Big Dry Creek, COSPUS15; cadmium

Comments will be accepted through July 30, 2010. Following the close of the public comment period, the TMDL will be revised as appropriate and submitted to EPA for approval. TMDL submittal constitutes final agency action. Parties may request that the Colorado Water Quality Control Commission convene an adjudicatory hearing concerning a disputed TMDL as described in the Colorado Water Quality Management and Drinking Water Protection Handbook, WQCC Policy #98-2.

Copies of TMDLs may be obtained from the Water Quality Control Division, 4300 Cherry Creek Drive South, Denver, Colorado, 80246-1530. For more information, please call the Phil Hegeman at (303) 692-3518. Additional information is available on the Division's TMDL webpage at www.cdphe.state.co.us/wq/Assessment/Assessment unit.html

SPECIAL NOTES

NOTES FROM PERMIT UNIT

The Water Quality Control Division is offering for public notice its update to the Whole Effluent Toxicity (WET) Policy. This policy will be available on the Permits Section website at www.coloradowaterpermits.com, follow the link to public notices. This policy document will be posted on or about July 2, 2010. The Division will accept comments on this policy document until the close of business on August 9, 2010. Comments may be mailed to the Division or submitted via email at the following address. Please contact Andrew Neuhart at email address andrew.neuhart@state.co.us or mailing address:

Andrew Neuhart CDPHE – WQCD 4300 Cherry Creek Drive South Denver, CO 80246

NOTES FROM ENGINEERING UNIT

In accordance with the Site Location and Design Approval Regulations for Domestic Wastewater Treatment Works, 5 CCR 1002-22, Regulation 22, Section 22.11(2) and the Design Criteria for Potable Water Systems, Section 1.2.7, the Division has been requiring that upon completion of construction of wastewater and drinking water projects, the applicant's professional engineer (licensed representative of the engineering firm for drinking water projects) submit a certification that the treatment aspects of the facility were constructed consistent with the design documents (plans and specifications) as approved by the Division's design approval for the project. The Division recently became aware that, for many projects, these requirements conflict with the Colorado Department of Regulatory Agencies (DORA) professional licensure rules for engineers. While the Division evaluates the most appropriate means for ultimately addressing this issue, the Division is proposing an interim measure that involves a revision of the certification language on both forms.

The draft versions of the forms will be available on the Engineering Section's web page for review by July 2, 2010. Please provide any comments on the proposed modification to the certification statement, in writing, by August 2, 2010. Please

direct the comments to the attention of Ms. Nicole Rollo, Engineering Section Administrative Assistant at nicole.rollo@state.co.us