



Colorado Department
of Public Health
and Environment

WATER QUALITY INFORMATION BULLETIN

Highlights For January 2012

HAPPY NEW YEAR FROM THE WQCD

- **Agenda: No WQCC Meeting in January 2012**
<http://www.cdphe.state.co.us/op/wqcc/Meetings/Agenda/wqag.html>
- **Notice of Public Rulemaking Hearing before the Colorado Water Quality Control Commission**
 - State of Colorado Water Pollution Control Revolving Fund Rules, Regulation #51 (5 CCR 1002-51)
<http://www.cdphe.state.co.us/op/wqcc/Hearings/Rulemaking/51/51.html>
- **Notice of Administrative Action Hearings before the Colorado Water Quality Control Commission**
 - Pueblo Area Council of Governments Water Quality Management (Section 208) Plan
<http://www.cdphe.state.co.us/op/wqcc/Hearings/AAH/PuebloCOG208/PuebloCOG208Plan.html>
- **Notice of Issues Formulation Hearing**
 - San Juan Basin, Regulation #34 (5 CCR 1002-34) and Gunnison Basin, Regulation #35 (5 CCR 1002-35)
<http://www.cdphe.state.co.us/op/wqcc/Standards/StdsReview/Regs34-35/IFH2012/IFHnotice2012.pdf>
- **Notice of Routine Review Informational Hearing**
 - Colorado Discharge Permit System Regulations, Regulation #61 (5 CCR 1002-61)
<http://www.cdphe.state.co.us/op/wqcc/Hearings/IH/61NoticeRRIH.pdf>
- **Notice of Triennial Review Informational Hearing**
 - Chatfield Reservoir Control Regulation, Regulation #73 (5 CCR 1002-73)
[http://www.cdphe.state.co.us/op/wqcc/Hearings/IH/\(1202\)73NoticeTRIH.pdf](http://www.cdphe.state.co.us/op/wqcc/Hearings/IH/(1202)73NoticeTRIH.pdf)
- **Notice of Emergency Adoption**
 - Classifications and Numeric Standards for South Platte River Basin, Laramie River Basin, Republican River Basin, Smoky Hill River Basin, Regulation #38 (5 CCR 1002-38)
<http://www.cdphe.state.co.us/regulations/wqccregs/index.html>
- **Notice of Final Adoption**
 - Procedural Rules, Regulation #21 (5 CCR 1002-21),
 - Colorado Discharge Permit System Regulations, Regulation #61 (5 CCR 1002-61)
<http://www.cdphe.state.co.us/regulations/wqccregs/index.html>
- **Summary of Proceedings/Motions (DRAFT)**
Water Quality Control Commission Regular Meeting, December 12-13, 2011
<http://www.cdphe.state.co.us/op/wqcc/Meetings/MeetingSummaries/1112SUM.pdf>

PUBLICATION DATE: December 30, 2011

A. PERMIT ACTIONS

1. PERMITS SENT TO PUBLIC NOTICE ON DECEMBER 16, 2011 – COMMENTS DUE BY JANUARY 17, 2011

The website to view public notices and drafts:

<http://www.cdphe.state.co.us/wq/PermitsUnit/PUBLICNOTICEpage.html>

2. DISCHARGE PERMITS ISSUED – NOVEMBER 2011

| <u>PERMITTEE</u> | <u>PERMIT NO.</u> | <u>COUNTY</u> | <u>DATE ISSUED</u> |
|------------------------------------|-------------------|---------------|--------------------|
| Lone Pine Gas Inc | CO-048712 | Jackson | 11/01/2011 |
| US Energy/Crested Corp | CO-035394 | Gunnison | 11/15/2011 |
| Winter Park Water & San Dist | CO-026051 | Grand | 11/30/2011 |
| Tabernash Meadows Water & San Dist | CO-045501 | Grand | 11/30/2011 |

3. GENERAL PERMIT CERTIFICATIONS – NOVEMBER 2011

| <u>PERMITTEE</u> | <u>PERMIT NO.</u> | <u>COUNTY</u> | <u>DATE ISSUED</u> |
|------------------------------------|-------------------|---------------|--------------------|
| Town of Silver Plume | COG-315245 | Clear Creek | 11/01/2011 |
| L&M Enterprises Inc | COG-073889 | Denver | 11/02/2011 |
| BT Construction | COG-073893 | Arapahoe | 11/04/2011 |
| Hamon Contractors Inc | COG-073894 | El Paso | 11/04/2011 |
| EZ Excavating Inc | COG-073903 | Boulder | 11/04/2011 |
| Lawrence Construction Co | COG-073904 | Arapahoe | 11/04/2011 |
| Kissner General Contractors Inc | COG-073906 | Mesa | 11/04/2011 |
| Cotter Corp | COG-073855 | Jefferson | 11/07/2011 |
| DeFalco Construction Co | COG-073892 | Boulder | 11/07/2011 |
| Reynolds Inc | COG-073895 | Denver | 11/07/2011 |
| Reynolds Inc | COG-073896 | Morgan | 11/07/2011 |
| Left Hand Excavating | COG-073898 | Jefferson | 11/07/2011 |
| Reynolds Inc | COG-073899 | Pueblo | 11/07/2011 |
| American West Construction, LLC | COG-073905 | Denver | 11/07/2011 |
| Edge Contracting Inc | COG-073909 | Denver | 11/07/2011 |
| Loveland Ready Mix Concrete Inc | COG-500415 | Weld | 11/07/2011 |
| Baptist Child & Family Services | COG-588102 | Chaffee | 11/08/2011 |
| Wildcat Construction Co Inc | COG-073890 | El Paso | 11/09/2011 |
| Jim Noble Inc | COG-073902 | Clear Creek | 11/09/2011 |
| RJH Consultants Inc | COG-073900 | El Paso | 11/11/2011 |
| Reynolds Inc | COG-604112 | Pueblo | 11/11/2011 |
| Public Service Co of Colorado | COG-073914 | Boulder | 11/14/2011 |
| Grand Junction Pipe & Supply | COG-500444 | Delta | 11/14/2011 |
| Western Gravel Inc | COG-500486 | Montrose | 11/14/2011 |
| Reynolds Inc | COG-604110 | Denver | 11/15/2011 |
| Reynolds Inc | COG-604111 | Morgan | 11/18/2011 |
| American West Construction, LLC | COG-073905 | Denver | 11/21/2011 |
| Redline Pipeline | COG-073910 | Douglas | 11/21/2011 |
| Golden Triangle Construction Inc | COG-073912 | Denver | 11/21/2011 |
| Hall Irwin Corp | COG-073915 | Adams | 11/21/2011 |
| Grand Junction Concrete Pipe Co | COG-501532 | Mesa | 11/21/2011 |
| Broken Arrow Investments, LLC | COG-501533 | Weld | 11/21/2011 |
| Regional Transportation Dist (RTD) | COG-315157 | Denver | 11/22/2011 |
| Public Service Co of Colorado | COG-604025 | Statewide | 11/23/2011 |

B. STORMWATER DISCHARGE GENERAL PERMIT CERTIFICATIONS – NOVEMBER 2011

| | | |
|------------|-----------------------------|-----|
| COR-010000 | Light Industrial Activities | 5 |
| COR-020000 | Heavy Industrial Activities | 0 |
| COR-030000 | Construction Activities | 126 |
| COR-040000 | Metal Mining | 0 |
| 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 | 1 |
| | 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 most instances, may be obtained from the Divisions' Enforcement Action website: <http://www.cdphe.state.co.us/wq/enforcement/index.html>



Regular enforcement updates are also available on Twitter (http://twitter.com/WQCD_Enforce)

1. ENFORCEMENT – NEW ACTION

| <u>RESPONSIBLE PARTY</u> | <u>ACTION</u> | <u>COUNTY</u> | <u>DATE</u> |
|--|---|-----------------|-------------|
| Town of Norwood (d/b/a Norwood Water Commission) | Drinking Water – Enforcement Order Amendment #1 | San Miguel | 12/01/2011 |
| Alpine Village, LLC | Drinking Water – Enforcement Order Amendment #1 | Teller | 12/09/2011 |
| Riverdale Peaks II Metro Dist | Drinking Water – Enforcement Order | Adams | 12/12/2011 |
| The Fruitland Domestic Water Co | Drinking Water – Enforcement Order | Delta | 12/12/2011 |
| RJML, LLC (d/b/a Club La Maravilla Lounge) | Drinking Water – Enforcement Order Amendment #1 | Weld | 12/16/2011 |
| Aspen Center for Environmental Studies (d/b/a Rock Bottom Ranch) | Drinking Water – Enforcement Order Amendment #1 | Eagle | 12/19/2011 |
| Camelot Property Owner's Assoc | Drinking Water – Enforcement Order Amendment #1 | El Paso | 12/21/2011 |
| Park Water Co | Drinking Water – Enforcement Order Amendment #1 | Jefferson | 12/21/2011 |
| Antelope Hills Assoc | Drinking Water – Enforcement Order Amendment #1 | Gunnison | 12/21/2011 |
| Plains Exploration & Production Co | Stormwater – Compliance Order on Consent compliance schedule Extension #2 | Mesa & Garfield | 12/21/2011 |

C. ENFORCEMENT/CIVIL PENALTIES/CONSENT OF SETTLEMENT AGREEMENTS (cont.)

2. CONSENT OR SETTLEMENT AGREEMENTS TO PUBLIC NOTICE

NONE SINCE LAST PUBLICATION

3. FINAL AGENCY ACTIONS

NONE SINCE LAST PUBLICATION

4. NOTICE OF ENFORCEMENT HEARINGS

NONE SINCE LAST PUBLICATION

D. CONSTRUCTION ACTIONS

1. Site Applications Reviews

| <u>APPLICANT</u> | <u>TYPE</u> | <u>FACILITY DESCRIPTION</u> | <u>COUNTY</u> | <u>ACTION</u> |
|---|------------------------|--|---------------|------------------------|
| Mile High Racing and Entertainment/ Arapahoe Race Track Wastewater Treatment Facility | Site Application #4050 | In-Kind Replacement – Removal of the existing area velocity flow meter located within the existing downstream influent metering manhole; new metering vault with a large 60° V Trapezoidal flume, design basis Tracom, prior to the aerated lagoons; new 3/8-inch sampling strainer used in conjunction with the existing ISCO composite sampler; and all associated piping and appurtenances | Arapahoe | Approved 12/15/2011 |
| Widefield Water & San Dist | Site Application #4417 | In-Kind Replacement – Removal of the existing Clarifier No 1 center feed, half bridge, clarifier drive, sludge removal and scum removal mechanism. Installation of the following: New center feed column and energy dissipating feed well; new unitube vacuum-style suction header, new scum collection system including two full radial arm skimmers and full radial sum beach; new half bridge; new clarifier mechanism drive; and new density current baffles around circumference of clarifier | El Paso | Approved 11/23/2011 |

D. CONSTRUCTION ACTIONS (cont.)

1. Site Applications Reviews

| <u>APPLICANT</u> | <u>TYPE</u> | <u>FACILITY DESCRIPTION</u> | <u>COUNTY</u> | <u>ACTION</u> |
|--|---------------------------|---|---------------|------------------------|
| Metro Wastewater Reclamation Dist | Site Application #4726 | In-Kind Replacement – Removal of the existing two 15.5 MMBtu/hr heat recovering units associated with the digester gas cogeneration process; installation of two 15.5 MMBtu/hr heat recovering units with removable heating bundles and soot blowers for the removal of oxidized siloxane deposits from the flue gas; reconfiguration of the existing hot water distribution system to a modified single loop system; and all associated piping and appurtenances | Adams | Approved 12/13/2011 |
| Cherokee Metro Dist Water Reclamation Facility | Site Application #4823 | In-Kind Replacement – Over excavation of material from the bottom of Rapid Infiltration Basins Nos. 3 and 4 to a depth of 15 feet; and extension of the access road for maintenance equipment, the furnishing and installation of a membrane liner for protection of the exposed side slope, and the installation of rock riprap erosion control at the toe of the side slope | El Paso | Approved 12/15/2011 |
| City of Wray | No Site Approval Required | Authorization of the Pilot Study for BiO ₂ Solutions, Microalgae Oxygen Delivery System – Pilot study project proposes to pilot test the system for one year | Yuma | Approved 11/30/2011 |
| Greeley Water Pollution Control Facility | No Site Approval Required | Authorization of the Pilot Study for the Fournier Rotary Press – The project proposes to pilot test the press for the purpose of assessing the dewatered cake solids content, polymer usage requirements, and capture rate for one week | Weld | Approved 12/05/2011 |
| Metro Wastewater Reclamation Dist | No Site Approval Required | Authorization of the Pilot Study for Poly Aluminum Chloride Pilot Project – The project proposes to pilot test the effectiveness of poly aluminum chloride (PAX) for the purpose of controlling the filamentous organism Microthrix Parvicella during cold process wastewater temperatures to prevent sludge bulking within the North Secondary Treatment process for one year | Adams | Approved 12/06/2011 |

D. CONSTRUCTION ACTIONS (cont.)

1. Site Applications Reviews

| <u>APPLICANT</u> | <u>TYPE</u> | <u>FACILITY DESCRIPTION</u> | <u>COUNTY</u> | <u>ACTION</u> |
|--------------------------------------|---------------------------|--|---------------|------------------------|
| Tri-Lakes Wastewater Treatment Plant | No Site Approval Required | Authorization of the Pilot Project for Chemical Phosphorous Removal – The project proposes to pilot test the addition of ferric chloride solution to secondary clarifier influent to enhance removal of phosphorous in the wastewater effluent. The purpose is to determine if ferric chloride addition at this process location will: enable the treatment process to meet anticipated future phosphorous permit limits; allow the system to assess the impact of ferric chloride addition on physical and biological systems within the plant; and quantify the increase in solids production resulting from the chemical addition | El Paso | Approved 12/21/2011 |

2. Plans and Specifications Reviews

| <u>APPLICANT</u> | <u>SITE APPLICATION</u> | <u>FACILITY DESCRIPTION</u> | <u>COUNTY</u> | <u>ACTION</u> |
|---|--------------------------------------|---|---------------|------------------------|
| City of Fort Collins – Drake water Reclamation Facility North Process Trains Improvements | Site Application #4020 (ES.11.43331) | Streamlined Design Approval - Convert each of the dedicated intermediate clarifiers for the two NPTs into an anaerobic basin (with two floating mixers per basin) followed by an anoxic basin within the existing clarifier volume; convert an existing influent structure to an influent mixing box that will allow the NPT influent wastewater to be mixed with RAS prior to splitting the wastewater flow to the two NPTs; install new mixed liquor internal return pumping system to return aeration basin effluent to the front of the new anoxic basins at each NPT; replace the existing centrifugal WAS pumps and VFDs with new rotary lobe pumps and VFDs of similar size and capacity; replace the existing underdrain system vertical turbine pumps; add automated flow control valves, flow meters, and a master control panel to the aeration system; add new foam/scum removal gates and boxes; add pumps and flow meters to the centrate return system | Larimer | Approved 12/01/2011 |

D. CONSTRUCTION ACTIONS (cont.)

2. Plans and Specifications Reviews

| <u>APPLICANT</u> | <u>SITE APPLICATION</u> | <u>FACILITY DESCRIPTION</u> | <u>COUNTY</u> | <u>ACTION</u> |
|------------------|---|--|---------------|------------------------|
| City of Longmont | Site Application #4629 (ES.11.43362) | Streamlined Design Approval – New headworks with a new Parshall flume, three mechanical barscreens, screening handling equipment, two vortex grit removal units, grit handling equipment, influent pump station; replacement of two recirculation pumps on the EQ basin; addition of transfer pumps at the Sludge Storage Tank load out pump station | Boulder | Approved 12/07/2011 |
| Town of Crowley | Site Application #5002 (ES.11.43046) | Process Design Report Approval – New influent flow meter; modifications to lagoon cells 1, 2, 3, 4; modifications to surface flow wetlands, improvements to disinfection system; backup power supply addition | Crowley | Approved 12/06/2011 |
| Town of Grover | Site Application #ES.10.42079 | Final Design Approval: Removal of existing lagoon WWTF; New WWTF including; Influent Lift Station; bar screen; fixed film/activated sludge treatment system; secondary clarifier; emergency storage pond; disinfection; sludge handling; backup power | Weld | 11/29/2011 |
| Town of Campo | Site Application #ES.11.43090 | The current hydraulic and organic capacity ratings for the facility changed from 0.036 MGD and 42 lbs. BOD ₅ /day to 0.058 MGD and 40.5 lbs. BOD ₅ /day. Synthetic liner in Cells No. 1 and 2; yard piping influent and effluent flow metering equipment; construction of two lined parallel surface flow wetland cells; hypochlorite disinfection system, 12-inch diameter chlorine contact piping; and surface water discharge | Baca | Approved 12/06/2011 |

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.

- 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> | <u>PERMIT #</u> | <u>ACTIVITY</u> | <u>COUNTY</u> | <u>WATERBODY</u> | <u>DETERMINATION</u> |
|--|--------------------|--|---------------|--|--|
| #4302 Town of Erie / Vista Ridge Drainage | NWO-2011-2685-DEN | Project will consist of channel stabilization, increase capacity to convey the high flows. It will also raise the elevation of the drainage, lay back the slopes and install five hard-point drop structures | Weld | Vista Ridge drainage, tributary to Boulder Creek, South Platte River Basin, Seg. COSPBO08 of Boulder Creek Sub-basin | This project is located on Use-Protected waters. No further antidegradation is required. Draft Conditional Certification |
| #4303 La Plata County Infiltration Gallery | SPK-2009-01548-DC | Installation of an infiltration gallery within the Animas River | La Plata | Animas River, San Juan River Basin, Seg. COSJAF05a of Animas and Florida River Sub-basin | Only temporary impacts to water quality expected. Draft Conditional Certification |
| #4304 Colorado Spring Utilities / Kettle Creek | SPA-2011-00543-SCO | Construction of the single grouted sloping boulder drop structure | El Paso | Kettle Creek, Arkansas River Basin, Seg. COARFO04 of Fountain Creek 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 |
|--|-----------|--|---|---|--|
| #4305 Colorado Dept. of Transportation / I-25 North Corridor | 200480110 | The project purpose is to meet long-term travel needs between the Denver Metro Area and the rapidly growing population centers along the I-25 Corridor North to Fort Collins-Wellington area | Larimer, Weld, Boulder, Broomfield, Adams | Fossil Creek, Dry Creek, Little Thompson River, St. Vrain Creek, Idaho Creek, Little Dry Creek, Boxelder Creek, Big Dry Creek, Cache La Poudre River, South Platte River Basin, Seg. COSPCP13a, COSPBT06, COSPBT10, COSPBT09, COSPSV03, COSPBO11, COSPCP13b, COSPBD01, COSPCP12, COSPBT05, COSPBT04c of Numerous Sub-basins | This project is located on both Use-Protected and Reviewable waters. Further Antidegradation review is required. Draft Conditional Certification |

SPECIAL NOTES

Special Re-Public Notice for consideration of amendment to existing Section 404 permit for the Rueter-Hess Reservoir.

The District Engineer, U.S. Army Engineer District, Corps of Engineers, Omaha, Nebraska (Corps) is evaluating whether an amendment to Department of Army Permit NWO-1997-80472-DEN, which was issued for the expansion and operation of Rueter-Hess Reservoir (RHR) to Parker Water and Sanitation District (PWSD) in 2008, is warranted. The permit was issued under Section 404 of the Clean Water Act (Section 404) which regulates the placement of dredged or fill material in the nation's waters.

PWSD has been approached by the South Metro Water Supply Authority (SMWSA) to store water in RHR, which will be provided by Aurora Water and Denver Water, associated with an action known as the Water Infrastructure and Supply Efficiency (WISE) Partnership. Storage of water in RHR, as well as RHR's ability to facilitate transfers and/or uses of water because of that storage, may require a permit amendment. Storage of this water, operations of RHR, and facilitation of transfers and/or uses of water due to this new storage were not previously analyzed by the Corps at the time the 404 permit was issued to PWSD since the information was not reasonably available.

This Public Notice is being issued to:

- (1) Notify the public about the storage of renewable sources of water in RHR and the possible transfer and/or use of water facilitated by this storage, and
- (2) Solicit comments from the public concerning potential environmental effects associated with this action

More information on this specific 404 permit amendment can be obtained from christy.pickens@state.co.us, (303) 692-3584.

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

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> | <u>PERMIT #</u> | <u>ACTIVITY</u> | <u>COUNTY</u> | <u>WATERBODY</u> | <u>CERTIFICATION</u> |
|--|--------------------|--|---------------|---|---|
| #4294 City of Arvada/Ralston Creek Channel | NWO-2005-80275-DEN | Excavate and place fill material into area in connection with proposed channel improvements and bridge replacement | Jefferson | Ralston Creek, South Platte River Basin, Seg. COSPCL18a of Clear Creek Sub-basin | Regular with Special Conditions/ 82.5(A)(3) Conditional Certification |
| #4295 Southeast Metro Stormwater Authority/Lone Tree Creek | NWO-2009-01023-DEN | Excavate and place fill material into area associated wetlands to construct a detention facility to minimize downstream flooding during 100 yr flood events | Arapahoe | Lone Tree Creek, South Platte River Basin, Seg. COSPCH04 of Cherry Creek Sub-basin | Regular Conditions/ 82.5(A)(2) Regular Certification |
| #4301 Urban Drainage & Flood Control Dist/City of Thornton | NWO-2009-1605-DEN | To prevent the 100-yr flood event from overtopping street by constructing a sloping grouted-boulder drop structure upstream and constructing a new culvert. This project will also stabilize the degrading channel | Adams | Brantner Gulch, South Platte River Basin, Seg. COSPMS03a of Middle South Platte River Sub-basin | Regular with Special Conditions/ 82.5(A)(3) Conditional Certification |

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.

| <u>APPLICANT</u> | <u>EPA PERMIT #</u> | <u>ACTIVITY</u> | <u>COUNTY</u> | <u>WATERBODY</u> | <u>DETERMINATION</u> |
|-----------------------|-------------------------------------|------------------------------------|---------------|------------------|----------------------------|
| Master General Permit | Proposed 2012 Vessel General Permit | Discharges Associated with Vessels | Statewide | Statewide | Regular with No Conditions |

F. FINANCIAL SOLUTIONS UNIT

1. LOAN APPLICATIONS RECEIVED

| <u>ENTITY</u> | <u>AMOUNT</u> | <u>PROJECT DESCRIPTION</u> | <u>COUNTY</u> | <u>DATE</u> |
|-----------------------------|---------------|--|---------------|-------------|
| South Durango San Dist | \$800,000 | The proposed project is phase II of a planned expansion of the South Durango Sanitation District wastewater treatment plant, increasing the capacity of the plant from 300,000 gpd to 450,000 gpd, and from 643 pounds per day BOD to 1,314 pounds per day BOD | La Plata | 12/14/2011 |
| City of Rifle | \$25,000,000 | Improvements to the existing Rifle Pond RWPS; Construction of a new raw water pipeline from RWPS to the new RRWPF; Construction of a new RRWPF; Demolition of existing Graham Mesa WTP; Tie-in to finished water line at the GMWTP site | Garfield | 12/14/2011 |
| Navajo Western Water Dist | \$1,101,939 | The project consists of replacing water storage tanks, installing residential water meters, and the construction of a new building at the water treatment plant | Huerfano | 12/15/2011 |
| Town of Hot Sulphur Springs | \$706,000 | The projects consists of upgrading and replacing the existing waste water treatment plant aeration, mixing and chemical systems with new equipment and additional chemical systems to enhance treatment and ultimately construct a new mechanical WWTP to replace the existing lagoon system | Grand | 12/15/2011 |

2. LOANS APPROVED BY CWRPDA

| <u>ENTITY</u> | <u>AMOUNT</u> | <u>PROJECT DESCRIPTION</u> | <u>COUNTY</u> | <u>DATE</u> |
|-----------------------|---------------|--|---------------|-------------|
| Town of Crested Butte | \$400,000 | The project consists of constructing a new water storage tank and the piping to connect to the existing water system | Gunnison | 12/02/2011 |

3. LOANS EXECUTED

| <u>ENITITY</u> | <u>AMOUNT</u> | <u>PROJECT DESCRIPTION</u> | <u>COUNTY</u> | <u>DATE</u> |
|----------------|---------------|---|---------------|-------------|
| Town of Nunn | \$2,424,000 | This project consists of replacement of failing/leaking existing water system infrastructure as well as replacement of water mains, water meters, and a water storage tank | Weld | 12/09/2011 |
| Town of Salida | \$545,000 | The proposed project will replace the failing roof, install a new tank liner, and install security fencing at the City's treated water storage tank; replace aging distribution lines; and update the City's Tenderfoot water tank to eliminate overflows | Chaffee | 12/21/2011 |

4. STATE GRANT CONTRACTS EXECUTED

NONE SINCE LAST PUBLICATION

F. FINANCIAL SOLUTIONS UNIT (cont.)

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

NONE SINCE LAST PUBLICATION

6. WATER QUALITY IMPROVEMENT FUND

NONE SINCE LAST PUBLICATION

7. DRINKING WATER ELIGIBILITY ASSESSMENT

| <u>LOANEE</u> | <u>PROJECT DESCRIPTION</u> | <u>COUNTY</u> | <u>DATE</u> |
|-------------------|--|---------------|-------------|
| Town of Lake City | The project consists of replacing existing asbestos concrete water mains within select areas of downtown; new fire hydrants and metering all remaining unmetered connections | Hinsdale | 12/05/2011 |

8. PUBLIC HEARING/PUBLIC MEETING

| <u>LOANEE</u> | <u>PROJECT DESCRIPTION</u> | <u>COUNTY</u> | <u>DATE</u> |
|-----------------------|--|---------------|-------------|
| Town of Crested Butte | The project consists of constructing a new water storage tank and the piping to connect to the existing water system | Gunnison | 11/21/2011 |

9. FINDING OF NO SIGNIFICANT IMPACT AND CATEGORICAL EXCLUSION DETERMINATIONS

| <u>LOANEE</u> | <u>PROJECT DESCRIPTION</u> | <u>COUNTY</u> | <u>DATE</u> |
|-----------------------------|---|---------------|-------------|
| Town of Log Lane Village | The proposed project is the replacement of approximately 3,500 linear feet of aging distribution line and gate valves | Morgan | 12/05/2011 |
| Town of Olney Springs | The proposed project is the construction of a new wastewater treatment facility and the replacement of aging collection lines | Crowley | 12/05/2011 |
| Town of Hot Sulphur Springs | The proposed project is the rehabilitation of the existing Wastewater Treatment Plant to bring the system back to compliance with the existing discharge permit | Grand | 11/25/2011 |
| Navajo Western Water Dist | The project consists of replacing water storage tanks, installing residential water meters, and the construction of a new building at the water treatment plant | Huerfano | 11/23/2011 |

10. CONSTRUCTION LOAN COMPLETIONS

| <u>LOANEE</u> | <u>AMOUNT</u> | <u>PROJECT DESCRIPTION</u> | <u>COUNTY</u> | <u>DATE</u> |
|------------------------------|---------------|---|---------------|-------------|
| City of Burlington | \$1,974,000 | The project expanded the existing wastewater treatment lagoon facility from 0.35 mgd to 0.9 mgd | Kit Carson | 11/15/2011 |
| Town of Creede | \$1,250,000 | The project consists of water distribution line replacement and storage tank rehabilitation | Mineral | 12/15/2011 |
| Pagosa Area Water & San Dist | \$7,158,870 | The project includes upgrading the Hatcher Water Treatment Plant with a new 2.0 MGD Microfiltration water treatment facility and associated apparatuses and implementing automatic meter reading technology | Archuleta | 11/16/2011 |

SPECIAL NOTES

NOTICE OF ALTERNATIVE ANALYSES UNDER THE ANTIDegradATION RULE

The Division is issuing notice of an accepted alternatives analysis (AA) under Regulation 31.8(3)(d), where the permittee has completed the regulatory requirements for the necessity of degradation determination. The Aspen Park Metro District has applied for a Preliminary Effluent Limitation (PEL) document based on a proposed change from an infiltration lagoon (discharge to groundwater) to both surface water and groundwater discharge. As the receiving stream for the surface water discharge component is a reviewable segment, an antidegradation review is necessary as part of the preparation of the PEL. The Aspen Park Metro District is currently permitted under a groundwater general permit (COX631016), and under the proposed change to the facility, will need to obtain an individual surface water permit which will include requirements and limitations for both the surface and groundwater discharges. The receiving stream is South Turkey Creek, in segment COSPBE06a, Segment 06a of the Bear Creek Subbasin, South Platte River basin, in Jefferson County.

The parameter of concern in regards to the AA is nitrate. The water quality based effluent limitation (WQBEL) for nitrate is 10 mg/l. The antidegradation based limitation (ADBEL) for nitrate was determined to be 1.5 mg/l. The wastewater treatment facility was designed to meet a nitrate concentration of 6 mg/l in the effluent, in order to meet the groundwater nitrate standard of 10 mg/l. In order to meet an ADBEL of 1.5 mg/l, the facility has presented information under Regulation 31.8(3)(d) that meets the criteria outlined in the regulation for a higher ADBEL (a permit limitation between the ADBEL and the WQBEL). This information is presented in the PEL document, under the Antidegradation Section (Part VII), beginning on page 23. The limitation for nitrate under the AA will be 8 mg/l, as a two year rolling average, as well as the 10 mg/l daily maximum limitation based on the WQBEL. The PEL is available on the Permits Section website at www.coloradowaterpermits.com, following the link to public notice documents.

The Division will accept comments on this document until January 31, 2012, in regards to: 1) the significance of any water quality degradation expected to result from the proposed activity; 2) whether the proposed activity is important economic or social development and; 3) where there are economically, environmentally, and technologically reasonable water quality control alternatives that would result in no degradation or less degradation of state waters.