



Colorado's Water Supply Future

Water Supply Reserve Account Annual Report

October 31, 2014



The Rough & Ready Ditch Rides Again

2013 Flood Restoration efforts continue with CWCB's \$2.6M Emergency Flood Recovery Grant Program

**To the House of Representatives Committee on
Agriculture, Livestock, and Natural Resources and the
Senate Committee on Agriculture, Natural Resources, and Energy**



Background

The Water Supply Reserve Account (Account) was created in 2006 by Senate Bill 06-179. The legislature created the Account to help citizens identify and meet their critical water supply and management needs. The Account may be used to:

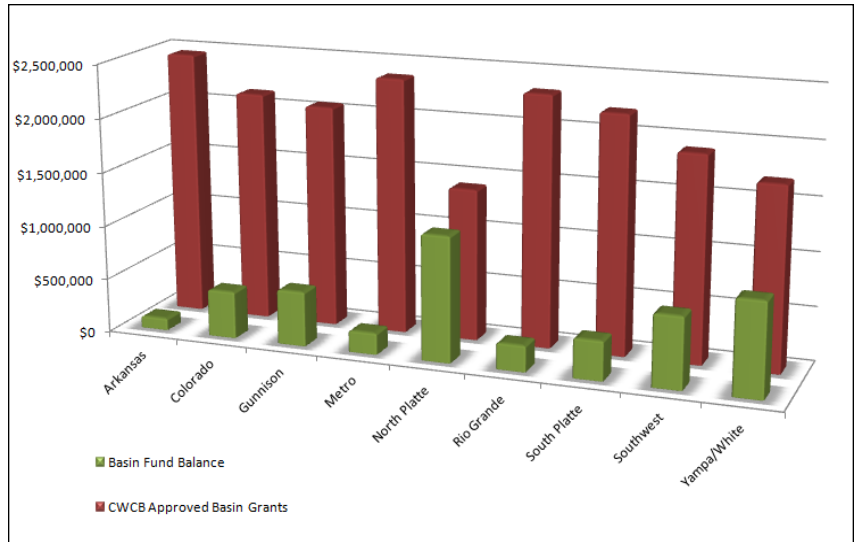
- Identify human, environmental, or recreational water needs (also commonly referred to as "Needs Assessments")
- Evaluate water supplies in each basin
- Build projects or identify methods to meet the water supply needs of the river basin

The authorizing legislation provides funds for a broad range of eligible activities including: construction of infrastructure (storage, pipelines, river improvements, etc.), feasibility studies, studies of human and environmental needs, and technical assistance for permitting or environmental compliance.

Overview

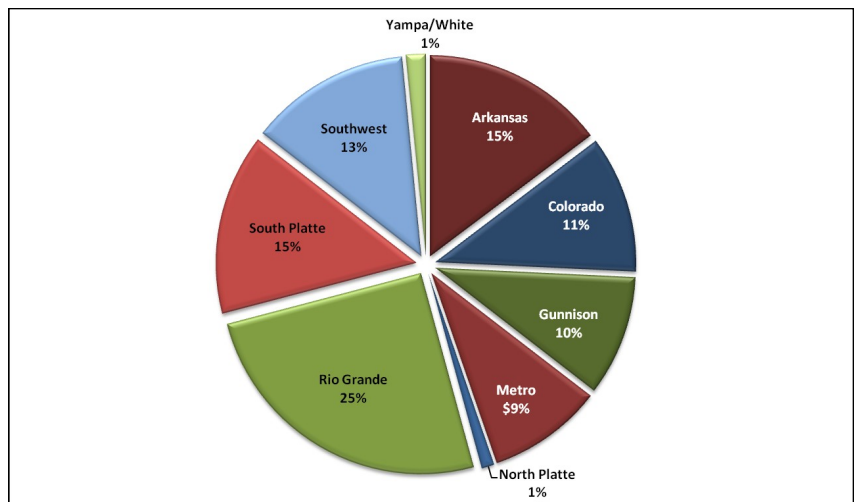
The Account is administered by the Colorado Water Conservation Board (CWCB) in collaboration with the Interbasin Compact Commission (IBCC) and the 9 Basin Roundtables established under House Bill 05-1177 (Colorado Water for the 21st Century Act). Requests for funding begin at the Basin Roundtables. Applications approved by the local Roundtable are submitted to the CWCB. To date, all funding has been for grants, though most project sponsors provide matching funds and/or leverage other monies.

Monies from the Account are distributed according to the Criteria and Guidelines, which were jointly developed by the CWCB and IBCC in collaboration with the Basin Roundtables. The Criteria and Guidelines are reviewed annually in October to consider changes to the Account's operation. The Criteria and Guidelines, application, and other materials are available on the [CWCB website](#).



Total, Approved, and Remaining Funds for the WSRA Basin Accounts			
Basin	Total Basin Funds Allocated	CWCB Approved Basin Grants	Basin Fund Balance
Arkansas	\$2,569,542	\$2,458,419	\$111,123
Colorado	\$2,569,542	\$2,132,430	\$437,112
Gunnison	\$2,569,542	\$2,060,544	\$508,998
Metro	\$2,569,542	\$2,369,979	\$199,563
North Platte	\$2,569,542	\$1,408,668	\$1,160,874
Rio Grande	\$2,569,542	\$2,326,422	\$243,120
South Platte	\$2,569,542	\$2,204,386	\$365,156
Southwest	\$2,569,542	\$1,906,626	\$662,916
Yampa/White	\$2,569,542	\$1,696,190	\$873,352
Grand Total	\$23,125,877	\$18,563,663	\$4,562,214

Figure 1. Basin Fund Distribution Approved per Basin



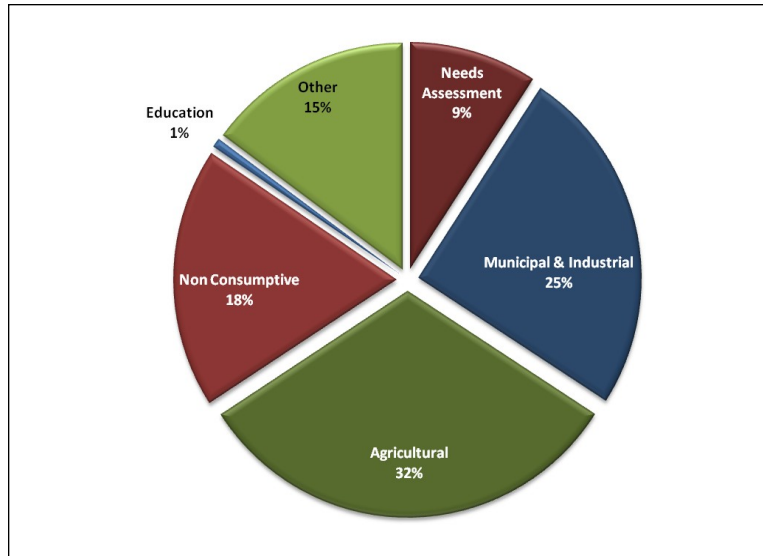
Basin	Arkansas	Colorado	Gunnison	Metro	North Platte	Rio Grande	South Platte	Southwest	Yampa/White
Approved from Statewide Account	\$5,871,379	\$4,388,010	\$3,867,287	\$3,696,968	\$408,078	\$10,034,323	\$5,810,973	\$5,162,859	\$612,063
Number of Projects	33	15	19	17	4	29	22	18	7

Note: Some projects are associated with multiple Basins, in this case the project was counted for each associated basin

Figure 2. Statewide Fund Distribution Approved per Basin (\$39,851,939)

Program Highlights

- ◆ Almost \$58,000,000 Granted for 289 Projects Across Colorado
- ◆ Over \$102,000,000 Leveraged with Matching contributions (cash and in-kind) from Numerous Other CWCB, Other State, Federal, and Local Sources
- ◆ Projects Recommended by Basin Roundtables on a Consensus Basis with Final Approval by the CWCB



Accomplishments

Water Supply Reserve Account projects have been approved across the entire state (see map on page 6). The WSRA Criteria and Guidelines split the funds into Basin Accounts and a Statewide Account. Each Basin Account has received \$2,569,542 to date.

Figure 1 on page 2 show the amounts approved from each Basin Account (totaling \$18,563,663).

To date, the Statewide Account has received \$42,756,420, with \$39,851,939 in approved grants. The distribution of WSRA funds from the Statewide Account per basin is shown in Figure 2 (page 2).

Projects funded from the Account have addressed both consumptive (agricultural and municipal) and nonconsumptive (environmental and recreational) needs with most of the projects addressing multiple needs. Figure 3 shows the distribution of WSRA funding by primary category.

Type	Needs Assessment	Municipal & Industrial	Agricultural	Nonconsumptive	Education	Other
Arkansas	\$1,123,975	\$2,033,868	\$1,418,948	\$981,805	\$71,237	\$2,746,936
Colorado	\$870,171	\$990,000	\$2,132,499	\$2,467,364	\$51,263	\$9,143
Gunnison	\$235,000	\$2,367,987	\$2,362,014	\$307,165	\$17,730	\$637,935
Metro	\$1,122,337	\$3,417,928		\$1,175,000	\$30,839	\$320,843
North Platte	\$301,602	\$385,000	\$423,586	\$202,000	\$14,040	\$490,517
Rio Grande	\$310,800		\$8,105,530	\$3,133,371	\$97,337	\$713,707
South Platte	\$853,513	\$552,737	\$1,726,579	\$2,012,387	\$32,038	\$2,838,105
Southwest	\$203,142	\$4,331,158	\$1,840,449	\$294,093	\$20,000	\$230,643
Yampa/White	\$351,410	\$449,897	\$476,778	\$269,002	\$60,000	\$701,166
Total Funding	\$5,371,950	\$14,528,575	\$18,486,383	\$10,842,187	\$394,483	\$8,688,995

Number of Projects						
Arkansas	6	10	12	9	4	13
Colorado	5	6	12	13	2	1
Gunnison	2	15	18	6	1	5
Metro	5	12		5	2	5
North Platte	2	1	5	2	1	4
Rio Grande	1		29	9	4	6
South Platte	4	6	9	10	1	6
Southwest	3	21	20	5	1	4
Yampa/White	2	5	5	3	3	6

*Note: Some projects are associated with multiple basins, in this case projects were counted for each associated basin

Figure 3: WSRA distribution of funding by primary category

Basin Account Balances vs. Statewide Account Balance

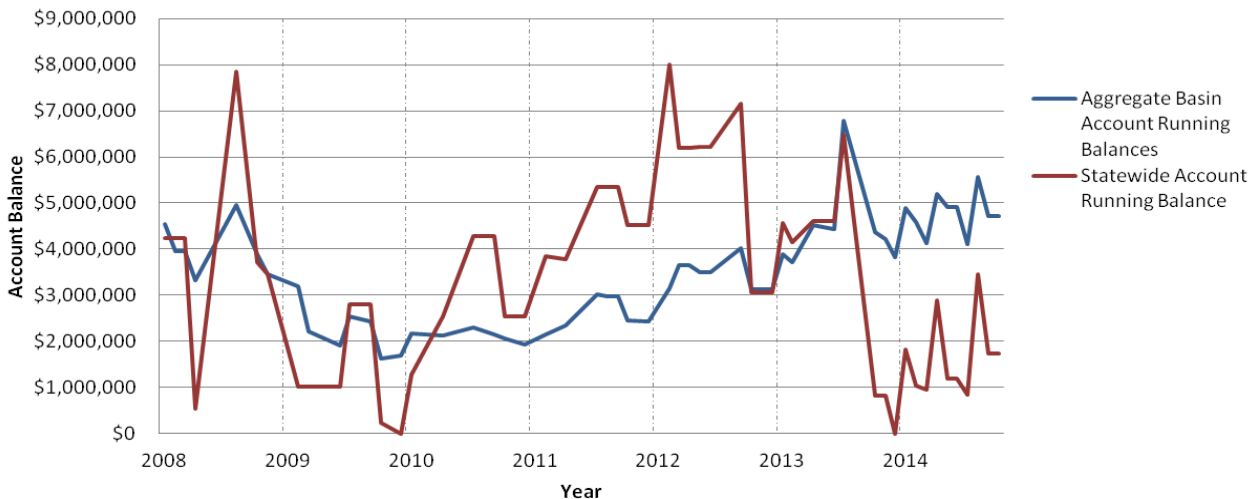


Figure 4: Basin and Statewide Account Balances



In the Spotlight

Josh Ames Diversion Deconstruction and Sterling Pond Reconstruction on the Cache la Poudre

Initiated by local interests, the Colorado Water Trust has led this collaborative effort to restore a large segment of the Cache la Poudre River to a more natural condition. The removal of the Josh Ames Diversion Structure (abandoned in 1971) and restoration of Sterling Ponds is the first phase and one component of an ambitious and so far successful attempt by the South Platte Basin Roundtable (\$75,000), the Metro Roundtable (\$25,000), CWCB (\$200,000 Statewide Account funds), Colorado Water Trust, the City of Fort Collins, Larimer County and local breweries to implement the *Poudre River Vision*. This project is an excellent example of Basin Roundtables working together, and the opportunity to leverage other funding sources to achieve a common goal.

WSRA Grant funds have been expended to restore ½ mile of the riparian corridor, restoration of 5.7 acres of wetlands and riparian habitat as well as reconnection of the floodplain to the river. Removal of this barrier (one of many barriers planned for removal as part of the larger project) will cumulatively improve the transitional habitat that may be used by several threatened and endangered plains fish species (cutthroat trout, minnow & darter species). Removal of the diversion structure also provides increased safety; and enhances enjoyment of the river by float-boaters.

CWCB Responds to 2013 Flooding with \$2.6 Million in WSRA Emergency Flood Recovery Grants

The CWCB approved \$2,555,000 (\$2,255,000 Statewide Account, \$150,000 South Platte Basin Account, and \$150,000 Metro Account) to assist Coloradoans in their recovery efforts resulting from the September 2013 flooding. This funding has been administered and distributed by the Northern Colorado Water Conservancy District (Northern Water) in cooperation with CWCB staff. Northern Water has stepped forward as a community leader and has offered their services without charge to reach out to the community to administer and distribute WSRA Funds.

Grant funds are to be used by water users and water providers as “seed money” to perform damage assessments, facilitate loan and additional grant applications which may be required to fund the full cost of needed repairs, master planning, engineering and permitting for projects, as well as to accomplish initial needed repairs and construction that will assist beneficiaries in getting back online temporarily or permanently.

Currently, 113 grants have been approved through the good efforts of Northern Water with approximately \$1.3 million having been distributed to grantees as of September 2014. 54 grants, or 30% of the total approved have been completed and are considered closed, with a remaining balance of \$1.3 million waiting to be distributed.

Funds from the Account provide the means to conduct studies of water needs and actual project implementation. Figure 5 (page 5) shows how the Account has supported both aspects of water projects by amount of funding as well as number of projects funded. Though the Account has funded a large amount of studies it is clear that much more focus and funding has gone towards the implementation of projects to meet critical water supply needs.

Observations

The Water Supply Reserve Account Program has been a tremendous success. The Account has funded a mix of consumptive and nonconsumptive water projects and promoted multi-purpose projects throughout the State. The Account has funded projects that help Colorado meet its water supply needs with funding that was not available

until the passage of the legislation. A sampling of concrete results from the program can be seen in Table 2.

By the Numbers: A Sampling of data from the WSRA Program	
New Storage Created (acre-feet)	875
New Annual Water Supplies (acre-feet)	13,498
Existing Storage Preserved or Enhanced (acre-feet)	135,209
Length of Stream Restored or Protected (linear feet)	578,909
Length of Pipe/Canal Built or Improved (linear feet)	964,888
Area of Restored or Preserved Habitat (acres)	58,453
Efficiency Savings (acre-feet/year)	65,779
Efficiency Savings (dollars/year)	25,000
Reports/Studies (engineering, feasibility, watershed, etc.)	139

Table 2: Data from approved WSRA projects



The annual review of the Criteria and Guidelines allows for program adjustments. Adjustments to the Criteria and Guidelines have enabled the WSRA to adapt to the changing needs of Colorado’s water community and meet the diverse needs of projects throughout the state.

Figure 6 summarizes the status of all approved WSRA projects. Currently there are 135 active grants (In Progress and Contracting), involving approximately \$29.8 million. Per the WSRA Criteria and Guidelines applications for the Basin Account are considered at each of the CWCB’s bi-monthly board meetings once they have received approval from the appropriate basin roundtable as documented in a letter from the roundtable’s chair. Applications to the Statewide Account are considered twice a year, at the September and March CWCB board meetings.

Funding Summary

Table 3 displays the legislative appropriations and actual funds received by the Water Supply Reserve Account Program since its inception in 2006. In 2009, the Water Supply Reserve Account Program was reauthorized in perpetuity by SB 09-106. SB 09-106 appropriates \$10,000,000 per year from the Severance Tax Trust Fund, subject to available funding. Due to budget shortfalls the WSRA has received reduced funding in some years. It is authorized to receive \$10,000,000 in FY2015.

As a Severance Tax “Tier II” program appropriated funds are distributed on a 3-part schedule as available with 40% on July 1, 30% on January 1, and

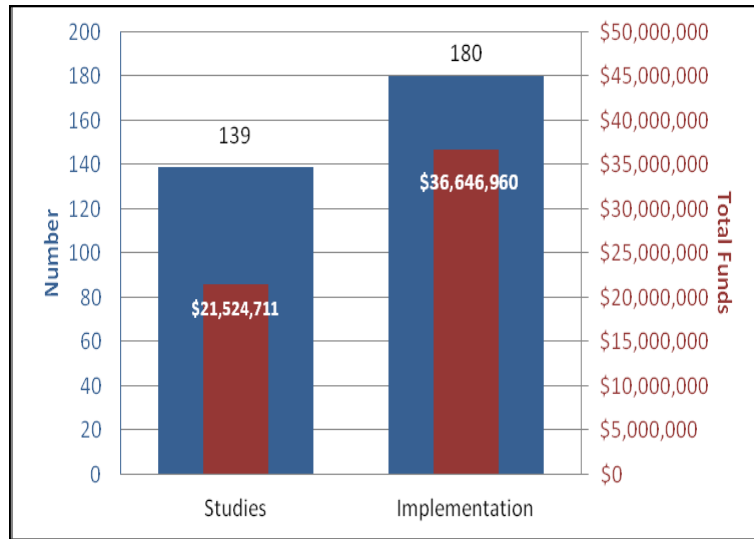


Figure 5. WSRA Funding for Studies and Implementations

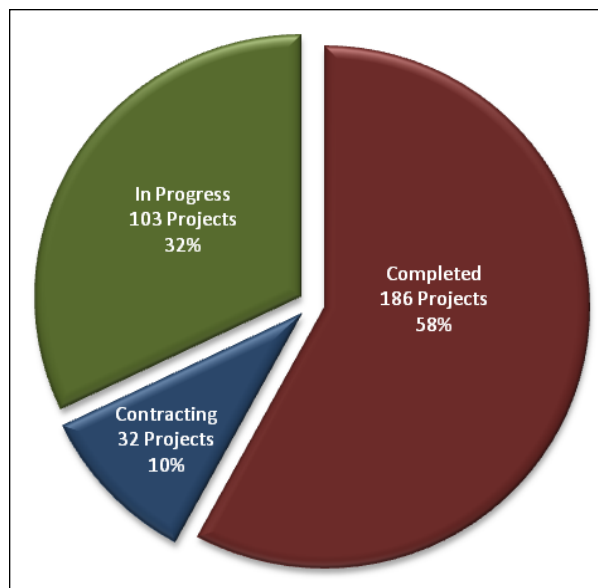


Figure 6. Summary of WSRA Project Status (321 Total Projects)

WSRA Fund Appropriation and Receipts

October 2014

Fiscal Year	Legislative Appropriation	Funds Received	Statewide Account	Basin Accounts
2006/2007	\$10,000,000	\$10,000,000	\$5,500,000	\$4,500,000
2007/2008	\$6,000,000	\$6,000,000	\$4,200,000	\$1,800,000
2008/2009	\$10,000,000	\$7,000,000	\$4,300,000	\$2,700,000
2009/2010	\$5,775,000	\$5,775,000	\$4,215,750	\$1,559,250
2010/2011	\$6,000,000	\$6,000,000	\$4,380,000	\$1,620,000
2011/2012	\$7,000,000	\$7,000,000	\$4,732,000	\$2,268,000
2012/2013	\$10,000,000	\$7,157,724	\$4,580,943	\$2,576,781
2013/2014	\$10,000,000	\$10,091,639	\$6,458,649	\$3,632,990
2014/2015	\$10,000,000	\$4,000,000	\$2,560,000	\$1,440,000
Interest	N/A	\$2,857,935	\$1,829,078	\$1,028,856
TOTAL	\$74,775,000	\$65,882,298	\$42,756,420	\$23,125,877

Note: The WSRA is a Severance Tax “Tier II” program with 40% of funds distributed on July 1, 30% on January 1, and the final 30% on April 1.

In FY 2008/2009 the final 30% installment of \$3,000,000 was not received due to the State’s budgetary shortfall.

In January 2012 interest for the program from its inception to date was credited directly to the Statewide Account.

Interest from January 2012 on is regularly calculated by the Treasury and credited to the Statewide Account.

Table 3. Summary of WSRA Appropriations and Receipts

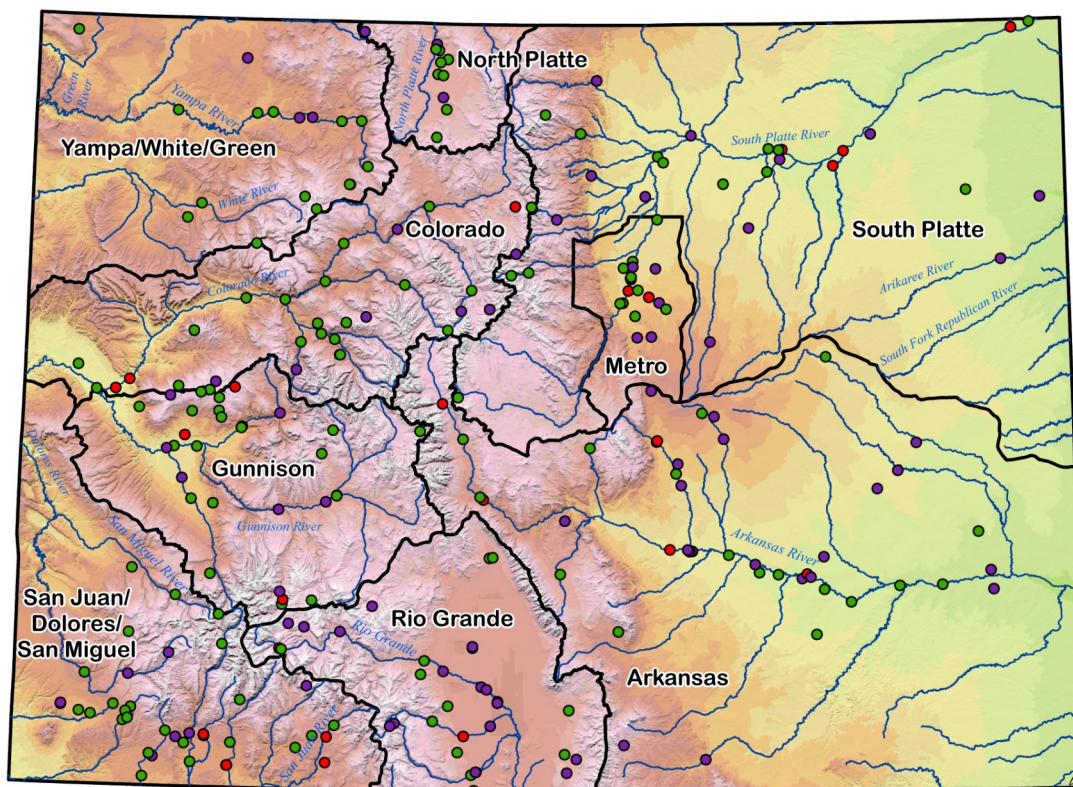


the final 30% on April 1 of the fiscal year. All funds are subject to availability of revenues from current severance tax collection. In Fiscal Year 2008/2009 the final 30% installment was not received due to the state’s budgetary shortfall. Table 3 also shows the breakdown of funds between the Basin and Statewide Accounts as directed by the Criteria and Guidelines. The Basin Account funds are then distributed evenly among the 9 basin roundtables.

Colorado’s Water Plan & Basin Implementation Plans

The Basin Roundtables have played a critical role in the development of Colorado’s Water Plan. Each Basin Roundtable has submitted to the CWCB their Draft Basin Implementation Plan on July 31, 2014. These plans offer solutions for how each basin's future water needs will be addressed at the local level. These Basin Implementation Plans are being incorporated into Colorado’s Water Plan so that we can understand at both the basin and statewide level how Colorado’s water needs will be addressed. The Basin Roundtable efforts continue beyond the Draft submittal of Colorado’s Water Plan to the Governor on December 10, 2014, with a Final Basin Implementation Plans submittal date of April 2015. Funding for the Basin Implementation Plans has been provided by the Basin Roundtables and the CWCB via the WSRA Grant Program where approximately \$3.9 million has been expended (\$2.6 million from the Basin Accounts, and \$1.3 million from the Statewide Account).

Geographic Distribution of WSRA Projects



WSRA Projects Funding IBCC Basins

- Basin
- Statewide
- Statewide and Basin



Water Supply Reserve Account Applications Approved by the CWCB

Name of Water Activity	Basin Account	Statewide Account	Total
Arkansas Basin Total Request	\$2,458,419.00	\$5,871,378.64	\$8,277,864.64
Arkansas Valley Conduit	\$64,300.00		\$64,300.00
Ground Water Conference	\$24,721.00		\$24,721.00
Non-native Phreatophyte Trees & Mapping Project	\$50,000.00		\$50,000.00
Upper Black Squirrel Creek Aquifer Recharge Investigation	\$45,200.00		\$45,200.00
Fountain Creek Vision Task Force	\$75,000.00		\$75,000.00
Round Mountain Water & Sanitation District Water System Improvements Project	\$120,000.00		\$120,000.00
Rotational Land Following-Water Leasing Program -Lower Arkansas Super Ditch Company	\$150,000.00		\$150,000.00
Upper Big Sandy Water Balance	\$45,000.00		\$45,000.00
Model Transfers- Agriculture to Urban, Arkansas Basin	\$23,860.00		\$23,860.00
Arkansas Headwaters Diversion Structure Improvement Project Arkansas River Basin		\$57,954.50	\$57,954.50
City of Las Animas Water System Improvements	\$100,000.00	\$200,000.00	\$300,000.00
Colorado State Parks Zebra Mussel Response		\$1,000,000.00	\$1,000,000.00
Telemetry data collection platforms at six reservoirs plus flow control equipment & gauging at six reservoir outlet channels & nine streams w/in the Upper Ark River basin	\$75,000.00	\$210,332.00	\$285,332.00
Demonstration of Membrane Zero Liquid Discharge Process for Drinking Water Systems	\$25,000.00	\$233,333.00	\$258,333.00
Geospatial Decision Support System for Integrated Water Management in the Arkansas River Basin	\$100,000.00	\$500,000.00	\$600,000.00
John Martin Wetlands & Neenoshe Reservoir Nonconsumptive Needs Quantification	\$148,975.00		\$148,975.00
UAWCD Hydrologic Water Balance Study		\$180,000.00	\$180,000.00
Bedload/Sediment Collection and Removal Technology - Fountain Creek	\$75,000.00	\$150,000.00	\$225,000.00
Flaming Gorge Project Task Force Assessment	\$40,000.00		\$40,000.00
Stakeholder's Cooperative Management Analysis for the Upper Arkansas River Basin	\$33,600.00		\$33,600.00
Fountain Creek Fish Marking and Monitoring Study	\$7,000.00	\$28,000.00	\$35,000.00
Trinidad/Purgatoire River Reach 4 Demonstration Project	\$75,000.00		\$75,000.00
The use of excess storage capacity in Blue Mesa Reservoir to avoid or reduce the impact of a Colorado River Compact curtailment in Colorado	\$24,500.00	\$98,000.00	\$122,500.00
Helena Diversion Structure/BV Boat Chute Improvement Project	\$35,000.00	\$290,000.00	\$325,000.00
Raising Awareness in 2012: A Statewide Celebration of Colorado Water		\$30,515.00	\$30,515.00
Super Ditch Delivery Engineering		\$225,837.00	\$225,837.00
A Multi-Media Program for Reporting Crop and Turf Water Use Estimates from the Colorado Agricultural Meteorological Network (CoAgMet)	\$9,394.00	\$37,577.00	\$46,971.00
Rotating Agricultural Following Public Policy Working Group	\$20,000.00		\$20,000.00
Basin Roundtable Project Exploration Committee: Flaming Gorge	\$5,300.00	\$7,142.87	\$12,442.87
Colorado Water 2012	\$6,255.00		\$6,255.00
North Lake Dam Rehabilitation Project	\$36,962.00	\$702,273.00	\$739,235.00
Groundwater Quality Study - Phase 2 - Upper Black Squirrel Creek Alluvial Aquifer in the Arkansas River Basin	\$35,000.00		\$35,000.00
Ag-Municipal Conservation Easement Demonstration	\$54,000.00	\$216,000.00	\$270,000.00
Hale Reservoir Renovation – Final Design & Permitting	\$20,000.00	\$100,000.00	\$120,000.00
Mount Pisgah Dam/Wrights Reservoir Outlet Works Rehabilitation	\$25,000.00	\$136,345.00	\$161,345.00
Build, Assess, and Document Accounting and Administration Tools for Lease Following in the Arkansas River Valley	\$20,000.00	\$39,215.00	\$59,215.00
Purgatoire River Reach 3 Habitat Improvement Project	\$25,250.00		\$25,250.00
Arkansas River Basin Study		\$205,691.00	\$205,691.00
Fountain Creek Bank Restoration at the Frost Ranch	\$30,000.00	\$75,000.00	\$105,000.00
Agricultural Economics and Water Resources: Methods, Metrics and Models - A Speciality Workshop	\$9,746.00		\$9,746.00
Ordway Cattle Feeders Water Line Extension, Phase II	\$50,000.00	\$22,500.00	\$72,500.00
Water Tank Replacement	\$64,300.00		\$64,300.00
Bear Creek Sediment Mitigation Project (Phase I)	\$15,000.00	\$85,000.00	\$100,000.00
Royal Gorge Wildfire Water Quality Impact and Protection Project – Emergency Mitigation, Stabilization, and Reclamation	\$24,260.00	\$267,284.27	\$291,544.27
Pikes Peak Regional Water Supply Infrastructure Study	\$25,000.00	\$50,000.00	\$75,000.00
Lamar Raw Water Transmission Line Replacement Project	\$50,000.00	\$150,000.00	\$200,000.00



Water Supply Reserve Account Applications Approved by the CWCB

Name of Water Activity	Basin Account	Statewide Account	Total
Arkansas Basin Continued			
Arkansas Basin Implementation Plan	\$183,471.00	\$51,709.00	\$235,180.00
Helena Diversion Structure/BV Boat Chute Improvement Project - Phase 2	\$43,125.00		\$43,125.00
Red Wing Augmentation Facility	\$50,000.00	\$200,000.00	\$250,000.00
Arkansas Basin Implementation Plan - Phase 2	\$209,200.00	\$104,600.00	\$313,800.00
Arkansas Basin Implementation Plan - Modeling & Shortage Analysis	\$70,000.00	\$30,000.00	\$100,000.00
FIRI Analysis and Tailwater Return Flow Study on Fort Lyon Canal	\$30,000.00	\$145,137.00	\$175,137.00
El Paso County Groundwater Quality Study Phase 2c	\$10,000.00	\$41,933.00	\$51,933.00
Name of Water Activity	Basin Account	Statewide Account	Total
Colorado Basin Total Request	\$2,132,429.51	\$4,388,009.86	\$6,520,439.37
Enlargement of Eagle Park Reservoir	\$100,000.00	\$400,000.00	\$500,000.00
Upper Colorado Endangered Fish Recovery Alternatives Analysis (10,825)		\$200,000.00	\$200,000.00
Roaring Fork Watershed Assessment	\$40,000.00		\$40,000.00
Vail Ditch Project		\$1,500,000.00	\$1,500,000.00
Bull Creek Reservoir No. 5 Spillway Adequacy Analysis	\$50,000.00		\$50,000.00
Missouri Heights	\$25,000.00		\$25,000.00
Energy Development Water Needs Assessment (300,000 Joint Application see Colorado)		\$150,000.00	\$150,000.00
Old Dillon Reservoir	\$100,000.00		\$100,000.00
Fraser Sedimentation Basin	\$60,000.00	\$127,900.00	\$187,900.00
Grand County Stream Flow Management Plan	\$100,000.00		\$100,000.00
Roaring Fork Watershed Assessment -Phase 2	\$40,000.00		\$40,000.00
Battlement Reservoir #3 Dam reconstruction to enhance recreational & environmental opportunities	\$80,000.00		\$80,000.00
Feasibility and design assessment of off-channel reservoir sites in the Crystal River watershed	\$40,000.00		\$40,000.00
Colorado Basin Nonconsumptive Needs Quantification	\$315,171.00		\$315,171.00
Solicitation of Stakeholders input and advice through a Colorado River Basin edition of Headwaters Magazine Colorado	\$25,000.00		\$25,000.00
Grand River Ditch Pipeline	\$25,000.00		\$25,000.00
L.E.D.E. Ditch and Reservoir Reconstruction	\$50,000.00	\$175,000.00	\$225,000.00
Small Acreage Irrigation Audit Program	\$18,273.00		\$18,273.00
Canal #1 Check Structure Pilot Project at Dalton, Kiefer & Springer Properties	\$25,212.00		\$25,212.00
Basin Roundtable Project Exploration Committee: Flaming Gorge	\$2,000.00	\$7,142.86	\$9,142.86
Colorado Water 2012	\$26,262.51		\$26,262.51
Investigation of Water Savings, Water Quality benefits and Profitability of Sub Surface Drip on Alfalfa in Grand Valley	\$46,894.00		\$46,894.00
Upper Swan River Restoration Project	\$30,000.00		\$30,000.00
Colorado River Inventory & Assessment	\$30,000.00		\$30,000.00
Robinson Ditch Piping Improvements	\$60,000.00		\$60,000.00
Tenmile Creek Restoration Project	\$17,500.00	\$332,500.00	\$350,000.00
Colorado River Restoration and Conservation Projects	\$20,000.00	\$90,000.00	\$110,000.00
Crystal River Watershed – Assessment and Design of Restoration Projects	\$15,854.00	\$288,610.00	\$304,464.00
Grand Valley Riparian Restoration Collaborative (GVRRC) Project	\$42,726.00	\$207,274.00	\$250,000.00
Gore Canyon Whitewater Park at pumphouse - Colorado River	\$100,000.00	\$400,000.00	\$500,000.00
Grace and Shehi Diversion Rehabilitation Project (Phase I & II – Alternatives Evaluation & Detailed Design)	\$40,500.00		\$40,500.00
Colorado Basin Implementation Plan	\$266,667.00	\$83,333.00	\$350,000.00
Upper Colorado River Irrigation and Restoration Assessment Phase 1.	\$50,000.00		\$50,000.00
Missouri Heights - Mountain Meadow Irrigation Company	\$50,000.00		\$50,000.00
Reservoir 2 Enlargement and Lining Project	\$41,620.00	\$165,000.00	\$206,620.00
Customer Meter Replacement Program	\$100,000.00		\$100,000.00
Energy Development Water Needs Assessment Study Update	\$25,000.00		\$25,000.00
East Mesa Water Company Tunnel Bypass Pipeline	\$60,000.00		\$60,000.00
Tenmile Creek Restoration Project Phase II	\$13,750.00	\$261,250.00	\$275,000.00



Water Supply Reserve Account Applications Approved by the CWCB

Name of Water Activity	Basin Account	Statewide Account	Total
Gunnison Basin Total Request	\$2,060,543.59	\$3,867,286.86	\$5,927,830.45
Safety and Serviceability Needs Inventory for Reservoirs in the Leroux Creek Drainage Basin	\$60,000.00		\$60,000.00
Orchard City Water Reservoir Project (Task 1-3)	\$60,000.00		\$60,000.00
Orchard City Water Reservoir Project (Remaining Tasks)		\$480,000.00	\$480,000.00
Off-System Raw Water Storage Project 7 Water Authority/Uncompahgre Valley Water Users Association	\$56,700.00		\$56,700.00
Paonia-Feldman Diversion Reconstruction; North Fork of the Gunnison River (Part 1 and 2)	\$48,000.00	\$62,700.00	\$110,700.00
Sedimentation Management Study For Paonia Reservoir - North Fork of the Gunnison	\$79,000.00	\$230,000.00	\$309,000.00
Overland Reservoir Dam Expansion/Restoration		\$68,000.00	\$68,000.00
Phase II Engineering for Lake San Cristobal Outlet Modification	\$75,265.00		\$75,265.00
Lake San Cristobal Outlet Structure Modification--Phase III		\$120,960.00	\$120,960.00
Ridgway Ditch and Lake Otonawanda Improvement Project	\$109,500.00		\$109,500.00
Juniata Reservoir Spillway Modification	\$97,000.00		\$97,000.00
Hartland Diversion Dam Fish Passage Feasibility Study	\$22,100.00		\$22,100.00
Development of Augmentation Supplies	\$50,000.00		\$50,000.00
75 Ditch Diversion Improvement and Feature Enhancements	\$46,100.00		\$46,100.00
Lake San Cristobal Outlet Structure	\$150,000.00		\$150,000.00
Hanson Reservoir Outlet Rehabilitation	\$50,000.00		\$50,000.00
The Rehabilitation of Blanche Park Reservoir	\$75,000.00		\$75,000.00
Valley View Irrigation Improvement	\$11,817.00		\$11,817.00
Blue Mesa Reservoir	\$24,500.00	\$98,000.00	\$122,500.00
Relief Ditch Diversion Dam Design	\$20,650.00		\$20,650.00
Basin Roundtable Project Exploration Committee: Flaming Gorge	\$2,000.00	\$7,142.86	\$9,142.86
Hartland Diversion Dam — Partial Dam Removal and Stabilization	\$53,100.00		\$53,100.00
Agricultural Weather Data Delivery Improvements to Uncompahgre Valley Irrigators	\$77,000.00	\$35,000.00	\$112,000.00
Lining Outlet for Grand Mesa Reservoir #6	\$19,840.00		\$19,840.00
Gunnison Basin Roundtable Education Program	\$17,729.59		\$17,729.59
Tunnel Reconstruction Project	\$40,000.00	\$690,110.00	\$730,110.00
North Fork of the Gunnison Invasive Weed Removal	\$20,000.00		\$20,000.00
Leon Park Reservoir Dam Outlet Repair	\$31,372.00		\$31,372.00
Town of Ridgway Lake Otonowanda Renovation Project	\$60,000.00	\$540,000.00	\$600,000.00
Lake San Cristobal Inlet Preservation and Fishing Access Project	\$16,700.00	\$150,300.00	\$167,000.00
Henson Creek and Lake Fork Confluence Channel Improvements	\$28,975.00	\$260,111.00	\$289,086.00
Curry Easements Woody Invasives Removal Project - West Side of the North Fork of the Gunnison River	\$8,865.00		\$8,865.00
Lake San Cristobal Controlled Outlet Structure	\$40,000.00		\$40,000.00
Bonita Reservoir Dam Outlet Pipe Rehabilitation	\$54,285.00		\$54,285.00
Replacement of Measuring Devices on Grand Mesa	\$40,000.00		\$40,000.00
Gunnison Basin Implementation Plan	\$133,333.00	\$66,667.00	\$200,000.00
Somerset Diversion Improvement Study – North Fork of the Gunnison River Corridor Project	\$4,800.00	\$43,200.00	\$48,000.00
Lamborn Water Treatment Plant Upgrade	\$75,000.00	\$310,000.00	\$385,000.00
Lone Cabin Dam Rehabilitation Project	\$121,150.00	\$46,000.00	\$167,150.00
Gunnison River Riparian and Diversion Restoration Project	\$45,540.00	\$400,752.00	\$446,292.00
No Chico Brush Agricultural Water Research Project	\$35,000.00		\$35,000.00
Ditch System Study (a continuation of the Tunnel Reconstruction Project)		\$82,686.00	\$82,686.00
Stewart Mesa Water Company Improvement Project	\$12,876.00		\$12,876.00
McCormick Ditch Reconstruction	\$21,346.00		\$21,346.00
Upper Ohio Creek Flow Restoration	\$6,000.00		\$6,000.00
West Reservoir No. 1 Outlet Pipe Replacement	\$50,000.00	\$175,658.00	\$225,658.00
Repair of Gunnison Whitewater Park	\$10,000.00		\$10,000.00
Name of Water Activity	Basin Account	Statewide Account	Total
Metro Basin Total Request	\$2,369,979.00	\$3,717,967.83	\$6,087,946.83
Chatfield Reallocation EIS/FR (South Platte BRT contributing \$27,000)	\$103,000.00		\$103,000.00
Zero Liquid Discharge Pilot Study	\$200,000.00	\$200,000.00	\$400,000.00
Parker Water & San. & CO. State Univ Joint Project on the Rural/Urban Farm Model	\$150,000.00		\$150,000.00



Water Supply Reserve Account Applications Approved by the CWCB

Name of Water Activity	Basin Account	Statewide Account	Total
Metro Basin Continued			
Upper Mountain Counties Water Needs Assessment	\$43,587.00		\$43,587.00
Solicitation of Stakeholder Input through a South Platte Edition of Headwaters	\$16,019.00		\$16,019.00
South Metro Water Supply Authority - Regional Aquifer Supply Assessment	\$100,540.00		\$100,540.00
Demonstration of Membrane Zero Liquid Discharge Process for Drinking Water Systems	\$50,000.00	\$233,333.00	\$283,333.00
South Platte River Recreation and Habitat Feasibility Study	\$150,000.00		\$150,000.00
Lost Creek Aquifer Recharge and Storage Study	\$80,000.00		\$80,000.00
Aquifer Recharge Pilot Study		\$550,000.00	\$550,000.00
Feasibility Study for Bureau of Reclamation Funding from the National Rural Water Supply Act	\$100,000.00	\$500,000.00	\$600,000.00
Flaming Gorge Project Task Force Assessment	\$20,000.00		\$20,000.00
Rotary Sprinkler Nozzle Retrofit		\$250,000.00	\$250,000.00
Rural Douglas County groundwater-level monitoring network	\$78,263.00	\$84,792.00	\$163,055.00
Educating Denver Metro elected officials and decision makers on solutions-oriented water supply planning	\$14,820.00		\$14,820.00
South Platte River Recreation and Habitat Improvement Preliminary Design	\$25,000.00	\$100,000.00	\$125,000.00
Basin Roundtable Project Exploration Committee: Flaming Gorge	\$8,700.00	\$7,142.83	\$15,842.83
Denver South Platte River Implementation Project - Frontier/Overland Final Design	\$175,000.00	\$300,000.00	\$475,000.00
Plum Valley Heights Water Supply Pipeline	\$50,000.00		\$50,000.00
Josh Ames Diversion Removal on Poudre River	\$25,000.00	\$100,000.00	\$125,000.00
South Platte & Metro Integrated Basin Implementation Plan - Consumptive	\$303,000.00	\$152,000.00	\$455,000.00
South Platte & Metro Integrated Basin Implementation Plan - Nonconsumptive	\$142,000.00	\$71,500.00	\$213,500.00
Grant-Frontier Park West Bank Riparian Floodplain Design and Construction Project	\$100,000.00	\$250,000.00	\$350,000.00
Water Infrastructure and Supply Efficiency (WISE) Partnership: Western Pipeline Connection Engineering/Design	\$68,800.00	\$619,200.00	\$688,000.00
Emergency Flood Recovery Assessment, Design, and Recovery including Cycle #2	\$150,000.00		\$150,000.00
South Platte River Diurnal Flow Study	\$50,000.00		\$50,000.00
Rural Elbert County Groundwater-Level Monitoring Network	\$12,000.00		\$12,000.00
8th Avenue to 20th Street In-River , Recreation and Environmental Improvements and Floodplain Mitigation	\$150,000.00	\$300,000.00	\$450,000.00
Meadow and South Ledge Diversion Reconstruction and Fish Passage Demonstration Project	\$4,250.00		\$4,250.00
Name of Water Activity	Basin Account	Statewide Account	Total
North Platte Basin Total Request	\$1,408,667.56	\$408,077.92	\$1,816,745.48
New Pioneer Ditch Diversion Reconstruction Project	\$116,000.00		\$116,000.00
Town of Walden Water Supply Improvement Project	\$385,000.00		\$385,000.00
Effects of Mtn pine beetle and forest mgmt on water quantity, quality, and forest recovery N.P. and Upper CO River basins	\$212,305.56	\$164,617.92	\$376,923.48
Identification and assessment of important wetlands in N.P. River watershed	\$86,000.00	\$96,000.00	\$182,000.00
Monitoring the effects of weather conditions on the evapotranspiration in N.P. Basin	\$50,409.00	\$50,409.00	\$100,818.00
North Park Irrigated Meadow Conservation Program - Phase I	\$20,000.00		\$20,000.00
Structure for Water Control	\$36,000.00		\$36,000.00
Solicitation of stakeholder input through production of a North Platte Basin education package	\$14,040.00		\$14,040.00
Structures for Water Control: Headgates and Diversion (and Additional Funds)	\$183,883.00		\$183,883.00
Basin Roundtable Project Exploration Committee: Flaming Gorge	\$1,000.00		\$1,000.00
Seneca Ditch - Structure for Water Control	\$57,539.00		\$57,539.00
Mutual Ditch - Structure for Water Control	\$41,940.00		\$41,940.00
North Platte Basin Implementation Plan	\$107,500.00		\$107,500.00
Re-establishment of Lysimeters in North Park to Determine High Altitude, Hay Meadow Crop Coefficients	\$97,051.00	\$97,051.00	\$194,102.00

Water Supply Reserve Account Applications Approved by the CWCB

Name of Water Activity	Basin Account	Statewide Account	Total
Rio Grande Basin Total Request	\$2,326,422.00	\$10,034,322.86	\$12,360,744.86
Alamosa River In-stream Flow Project	\$64,500.00		\$64,500.00
Preliminary Design Multi-use Rio Grande Reservoir Rehabilitation and Enlargement		\$288,000.00	\$288,000.00
Rio Grande Basin Conservation Reserve Enhancement Program	\$36,750.00		\$36,750.00
Alamosa River Watershed Restoration Project		\$104,000.00	\$104,000.00
Romero-Guadalupe Channel Rectification Project	\$83,700.00		\$83,700.00
Rio Grande Initiative	\$200,000.00	\$1,300,000.00	\$1,500,000.00
Santa Maria and Continental Reservoirs: Rehabilitation and Multiple Use Studies	\$72,000.00	\$141,700.00	\$213,700.00
2008 Rio Grande Riparian Stabilization Project	\$35,000.00	\$250,000.00	\$285,000.00
Platoro Reservoir Restoration	\$50,000.00	\$200,000.00	\$250,000.00
Conejos River and North Branch Diversion and Stabilization	\$50,000.00	\$333,700.00	\$383,700.00
Rio Grande Reservoir Multi-Use Rehabilitation: Refinement and Enhancement of Reservoir Reoperation and Optimization Model	\$100,000.00		\$100,000.00
San Antonio River - El Codo Ditch Diversion and Rehabilitation	\$65,000.00		\$65,000.00
Lower Willow Creek Restoration Project	\$50,000.00	\$200,000.00	\$250,000.00
Sangre de Cristo Trinchera Diversion Canal Restoration	\$50,000.00	\$150,000.00	\$200,000.00
Conservation Reserve CREP Phase II	\$31,500.00		\$31,500.00
Shortfall Request - Sangre de Cristo Trinchera Diversion Canal Restoration	\$54,000.00		\$54,000.00
2009 Rio Grande Riparian Stabilization Project - Phase 4	\$50,000.00	\$98,000.00	\$148,000.00
Educating Today to Balance Tomorrow's Water Supplies & Needs	\$25,000.00		\$25,000.00
San Luis Peoples Ditch Upgrade and Rehabilitation Project - Phase I	\$40,000.00		\$40,000.00
Conejos North Branch Water Conservation and Management	\$75,000.00		\$75,000.00
The McDonald Ditch and Plaza Project, Phase I Planning	\$40,000.00		\$40,000.00
Rio Grande Initiative: North Rio Grande Ranch Conservation Easement	\$15,000.00	\$55,000.00	\$70,000.00
Basin Roundtable Project Exploration Committee: Flaming Gorge	\$1,000.00	\$7,142.86	\$8,142.86
Platoro Reservoir Crest of Dam Repair	\$15,000.00	\$135,000.00	\$150,000.00
Sanchez Reservoir Rehabilitation - Phase I Assessment & Upgrade	\$10,000.00	\$85,000.00	\$95,000.00
Water 2012: The Rio Grande Basin Partnering for Colorado's Water Future	\$15,600.00		\$15,600.00
Terrace Reservoir Spillway Replacement	\$75,000.00	\$1,425,000.00	\$1,500,000.00
Conejos River System Gauging Stations Project	\$20,000.00	\$387,280.00	\$407,280.00
Rio Grande County Hydrogeologic Study	\$99,564.00		\$99,564.00
Rio Grande Initiative: Haywood Ranch Conservation Easement	\$25,000.00	\$400,000.00	\$425,000.00
Sanchez Reservoir Phase 2 - Outlet Rehabilitation and Gate Tower Replacement	\$55,000.00	\$859,400.00	\$914,400.00
Solicitation of Stakeholders Input & Advice through publication of a Rio Grande Edition of Headwaters Magazine	\$33,237.00		\$33,237.00
SANTA MARIA RESERVOIR SIPHON & CANAL SYSTEM REHABILITATION	\$23,000.00	\$440,750.00	\$463,750.00
Quantifying Mogote/Romero Flows & Effects on the Conejos System	\$16,700.00	\$268,300.00	\$285,000.00
Culebra Watershed Vallejos Ditch Headgate Replacement	\$10,000.00	\$90,000.00	\$100,000.00
The Rio Grande Basin "Narrowing the Gap" for Colorado's Water Future	\$23,500.00		\$23,500.00
Drip Irrigation Field Trial for Sustainable Potato Cropping in the San Luis Valley	\$40,000.00		\$40,000.00
Kerber Creek Restoration Project	\$34,871.00		\$34,871.00
Rio Grande Basin Implementation Plan	\$211,000.00	\$99,800.00	\$310,800.00
Lower Willow Creek Restoration Project: Phase 2	\$55,000.00		\$55,000.00
Plaza Project - Phase 2: McDonald Ditch Implementation Project	\$42,000.00	\$684,000.00	\$726,000.00
Radar Monitoring & Hydrologic Modeling in the Upper Rio Grande Basin	\$37,000.00	\$200,000.00	\$237,000.00
Santa Maria Reservoir Phase 2 - Continental Dam and Spillway Restoration	\$51,000.00	\$962,750.00	\$1,013,750.00
Rehabilitation and Ditch Lining	\$100,000.00		\$100,000.00
Hydrologic Recharge Feasibility Study for the Rio Grande Basin Augmentation-Phase I	\$8,000.00	\$142,000.00	\$150,000.00
Mountain Home Reservoir Dam Outlet Works Upgrade Feasibility Study	\$25,000.00		\$25,000.00
Plaza Project - Phase 3: Prairie Ditch Implementation Project	\$21,500.00	\$408,500.00	\$430,000.00
Conejos River System Confluence Management Project	\$15,000.00	\$280,000.00	\$295,000.00
Rio Grande Basin Implementation Plan- Phase 2	\$76,000.00	\$39,000.00	\$115,000.00



Water Supply Reserve Account Applications Approved by the CWCB

Name of Water Activity	Basin Account	Statewide Account	Total
South Platte Basin Total Request	\$2,204,385.90	\$5,939,972.86	\$8,144,358.76
Chatfield Reallocation EIS/FR (Metro BRT contributing \$103,000)	\$27,000.00		\$27,000.00
Clear Creek Water Banking/High Altitude Storage	\$52,000.00		\$52,000.00
Ovid Reservoir Comprehensive Feasibility Study	\$176,000.00		\$176,000.00
Lower South Platte Wetland Initiative Phase I South Platte River, CO		\$278,476.00	\$278,476.00
Stage Discharge Data Loggers and Telemetry	\$48,800.00		\$48,800.00
Upper Mountain Counties Water Needs Assessment	\$130,763.00		\$130,763.00
Weld County School Dist RE1 Wetland Partnership	\$42,109.90		\$42,109.90
Solicitation of Stakeholder Input through a South Platte Edition of Headwaters	\$32,038.00		\$32,038.00
S.P. Water protection and restoration		\$825,552.00	\$825,552.00
Arikaree River Well retirement program, Republican River basin, CO.	\$19,984.00	\$79,936.00	\$99,920.00
Halligan Seaman Water Mgmt project share vision planning model	\$25,435.00	\$76,305.00	\$101,740.00
Demonstration of Membrane Zero Liquid Discharge Process for Drinking Water Systems	\$25,000.00	\$233,334.00	\$258,334.00
Lost Creek Aquifer Recharge and Storage Study	\$80,000.00		\$80,000.00
Central South Platte Wetland Partnership	\$150,000.00		\$150,000.00
FMRiCo Recharge & Wetlands Project	\$250,000.00	\$420,000.00	\$670,000.00
Data Logger and Telemetry Installation Project	\$46,000.00		\$46,000.00
Colorado Agricultural Meterological Network (CoAgMet)	\$20,000.00		\$20,000.00
Lower South Platte Water Cooperative Organizational Analysis	\$60,977.00	\$200,000.00	\$260,977.00
Development of Decision Support Model for Identifying & Ranking Waterfow and Wildlife Related Recharge Projects along the South Platte River		\$85,421.00	\$85,421.00
Alluvial Aquifer Accretion/Depletion Analysis Tool		\$200,000.00	\$200,000.00
South Platte River Recreation and Habitat Improvement Preliminary Design	\$25,000.00	\$100,000.00	\$125,000.00
Basin Roundtable Project Exploration Committee: Flaming Gorge	\$2,000.00	\$7,146.86	\$9,146.86
South Platte River Phreatophyte Control Pilot	\$35,000.00	\$30,000.00	\$65,000.00
Denver South Platte River Implementation Project - Frontier/Overland Final Design	\$25,000.00	\$150,000.00	\$175,000.00
Prewitt Reservoir Wetland Partnership	\$45,414.00	\$45,414.00	\$90,828.00
Data Logger Installation Project, South Platte River Basin	\$88,958.00		\$88,958.00
Josh Ames Diversion Removal on Poudre River	\$75,000.00	\$100,000.00	\$175,000.00
State Land Board South Platte Recharge Study	\$33,663.00		\$33,663.00
South Platte & Metro Integrated Basin Implementation Plan - Nonconsumptive	\$142,000.00	\$71,500.00	\$213,500.00
South Platte & Metro Integrated Basin Implementation Plan - Consumptive	\$303,000.00	\$152,000.00	\$455,000.00
Emergency Flood Recovery Assessment, Design, and Recovery including Cycle #2	\$150,000.00	\$2,255,000.00	\$2,405,000.00
South Platte River Diurnal Flow Study	\$50,000.00		\$50,000.00
Green Ditch Rehabilitation and Fish Passage Project	\$25,000.00	\$220,000.00	\$245,000.00
Meadow and South Ledge Diversion Reconstruction and Fish Passage Demonstration Project	\$4,250.00	\$161,500.00	\$165,750.00
Rural Elbert County Groundwater-Level Monitoring Network	\$6,000.00	\$96,500.00	\$102,500.00
Economic Analysis and Design of Policies to Reduce Colorado's Groundwater Use in the Northern High Plains Ground Water Basin	\$7,994.00	\$151,888.00	\$159,882.00
Name of Water Activity	Basin Account	Statewide Account	Total
Southwest Basin Total Request	\$1,906,626.00	\$5,162,858.86	\$7,069,484.86
Dry Gulch Reservoir/San Juan Reservoir Land Acquisition		\$1,000,000.00	\$1,000,000.00
Goodman Point Water Association Pipeline Environmental Assessment	\$7,700.00		\$7,700.00
Jackson Gulch Reservoir Expansion Project	\$80,000.00		\$80,000.00
Goodman Point Phase 2	\$20,000.00	\$120,000.00	\$140,000.00
Bauer Lakes Water Co. Dam Outlet Structure Upgrade	\$40,000.00		\$40,000.00
La Plata West Rural Water Supply System	\$100,000.00	\$1,000,000.00	\$1,100,000.00
Town of Sawpit Engineering/Planning for Domestic Water System; Southwest Basin	\$25,000.00		\$25,000.00
MVIC Summit Irrigation Company feasibility study	\$39,300.00		\$39,300.00
Water System Well, Treatment System and Distribution Upgrades	\$50,000.00		\$50,000.00
Water System Master Planning	\$100,000.00		\$100,000.00
Molas Lake Ditch Rehabilitation and Diversion Structures	\$95,000.00		\$95,000.00
Lower Blanco River Restoration Project	\$100,000.00	\$150,000	\$250,000
Ditch Loss, Hydropower, and Monitoring Improvement Program	\$100,000.00		\$100,000.00



Water Supply Reserve Account Applications Approved by the CWCB

Name of Water Activity	Basin Account	Statewide Account	Total
Southwest Basin Continued			
Red Mesa Dam Incremental Damage Analysis (IDA) and Emergency Action Plan (EAP)	\$29,000.00		\$29,000.00
Park Ditch Improvements	\$85,000.00		\$85,000.00
Domestic Water System Construction	\$25,000.00		\$25,000.00
La Plata Archuleta Water District Permitting		\$400,000.00	\$400,000.00
Lower Blanco River Restoration Project		\$150,000.00	\$150,000.00
Animas River Needs Assessment	\$57,000.00		\$57,000.00
Mancos River Diversion Project, Phase I	\$24,753.00		\$24,753.00
Protecting Irrigated Agricultural Lands and Water Rights for Agricultural Production	\$31,500.00		\$31,500.00
Canal Seepage Reduction Project		\$225,000.00	\$225,000.00
Raw Water System Update and Future Needs Study	\$58,458.00		\$58,458.00
Canal Seepage Reduction Program		\$775,000.00	\$775,000.00
Totten Reservoir Hydrographic Survey	\$29,500.00		\$29,500.00
A Way Forward: The Dolores River Below McPhee Reservoir	\$25,000.00		\$25,000.00
Recreational Plan for Lake Nighthorse	\$25,000.00		\$25,000.00
La Plata Cherry Creek Ditch Headgate Improvement Project	\$25,000.00		\$25,000.00
Aspen Springs Metro Water Filling Station	\$30,000.00		\$30,000.00
Groundhog Reservoir Bathymetric Survey	\$35,000.00		\$35,000.00
Town of Rico Alluvium Pipeline Water Supply Project - Well Drilling and Water Quality Testing	\$20,000.00	\$80,000.00	\$100,000.00
Pagosa Lakes Area Village Lake Dam Outlet Pipe Repair Project	\$25,000.00		\$25,000.00
Basin Roundtable Project Exploration Committee: Flaming Gorge	\$1,000.00	\$7,142.86	\$8,142.86
Lake Durango Water Authority/ Source Water Infrastructure	\$50,000.00	\$450,000.00	\$500,000.00
Construction of Municipal Water Distribution Pipeline and Related Facilities	\$25,000.00	\$475,000.00	\$500,000.00
Mancos River Habitat and Diversion Project - Phase 2	\$20,000.00	\$99,340.00	\$119,340.00
Improved Water User, Conservation, Management and Operations through the Implementation of Water Accounting Software	\$52,500.00		\$52,500.00
Red Mesa Dam & Reservoir – Spillway Alternatives Analysis	\$19,400.00		\$19,400.00
Animas Airpark Water Distribution System	\$20,000.00		\$20,000.00
Animas River Diversion Headgate Monitoring Study	\$14,500.00		\$14,500.00
La Plata River Water Resources Operations Model and SUPPLEMENTAL FUNDING		\$155,749.00	\$155,749.00
Southwest Basin Implementation Plan	\$51,015.00	\$25,127.00	\$76,142.00
Ute Mountain Ute Tribe Water Conservation and Management Plan	\$30,000.00	\$40,000.00	\$70,000.00
Evaluation of Potential Infrastructure Upgrades	\$26,000.00		\$26,000.00
Telluride Pines Water Augmentation	\$25,000.00		\$25,000.00
La Plata County Palo Verde PID #3 Water Delivery Project	\$25,000.00		\$25,000.00
Animas Valley Ditch & Water Co. Emergency Ditch Repair	\$23,000.00		\$23,000.00
Geothermal Greenhouse Partnership Project	\$25,000.00	\$50,000.00	\$75,000.00
McElmo Flume Rehabilitation Project	\$20,000.00		\$20,000.00
Red Mesa Feasibility Study	\$30,000.00		\$30,000.00
Rehabilitation of the Old Fort at Herperus Water System	\$25,000.00		\$25,000.00
Long Hollow Reservoir Compact Water Delivery Study	\$38,000.00		\$38,000.00
Southwest Basin Implementation Plan- Phase 2	\$24,000.00	\$12,000.00	\$36,000.00
Redburn Ranch Diversion Dam Project	\$50,000.00	\$98,500.00	\$148,500.00
Thompson-Epperson Ditch Stabilization	\$30,000.00		\$30,000.00
Name of Water Activity	Basin Account	Statewide Account	Total
Yampa/White Basin Total Request	\$1,696,190.35	\$612,063.00	\$2,308,253.35
Morrison Creek Reservoir Feasibility Study	\$49,500.00		\$49,500.00
Agricultural Water Needs Assessment	\$201,410.00		\$201,410.00
Common Data Repository	\$106,600.00		\$106,600.00
Energy Development Water Needs Assessment (300,000 Joint Application see Colorado)		\$150,000.00	\$150,000.00
Sparks Reservoir	\$16,000.00		\$16,000.00



Water Supply Reserve Account Applications Approved by the CWCB

Name of Water Activity	Basin Account	Statewide Account	Total
Yampa/White Basin Total Request	\$1,696,190.35	\$612,063.00	\$2,308,253.35
Town of Yampa Water Facilities Plan and storage tank upgrades	\$61,062.00		\$61,062.00
Sandwash basin coalbed methane production depletive effects on water resources	\$20,000.00	\$98,835.00	\$118,835.00
Headwaters Magazine - January 2010	\$20,000.00		\$20,000.00
Development and Implementation of Water Forums, Workshop, and/or Tours	\$10,000.00		\$10,000.00
Stillwater Reservoir Seepage Project	\$189,000.00		\$189,000.00
Yellow Jacket Water Storage Feasibility Study	\$220,800.00		\$220,800.00
Yampa White Basin Nonconsumptive Needs Assessment Watershed Flow Evaluation Tool	\$169,002.35		\$169,002.35
Improvement of Lysimeter Operations and Consumptive Use Quantification in High-Altitude, Irrigated Meadows in the Yampa /White Basin	\$10,000.00	\$10,978.00	\$20,978.00
Yampa River Structures Project	\$50,000.00		\$50,000.00
Rangely Irrigation System Master Plan Study	\$12,500.00		\$12,500.00
Armstrong Creek Restoration Project	\$15,000.00	\$35,000.00	\$50,000.00
Development & Implementation of Water Education & Networking 3 year Program of Discussions, Forums, Workshops Tours	\$30,000.00		\$30,000.00
Energy Development Water Needs Assessment Study Update	\$25,000.00		\$25,000.00
Yampa/White Basin Implementation Plan	\$177,066.00		\$177,066.00
White River Storage Feasibility Study	\$67,500.00	\$67,500.00	\$135,000.00
Yampa-White Basin Projects and Methods Analysis	\$58,000.00	\$152,000.00	\$210,000.00
Supplemental Funding - Yampa BIP	\$60,000.00		\$60,000.00
White River Storage Study - Phase 2	\$97,750.00	\$97,750.00	\$195,500.00
White River-Highland Ditch Diversion & Headgate Redesign	\$30,000.00		\$30,000.00



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COLORADO

Colorado Water Conservation Board

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