



COLORADO

Colorado Water Conservation Board

Department of Natural Resources

John W. Hickenlooper
Governor

Robert Randall
DNR Interim Executive
Director

Rebecca Mitchell
CWCB Director

DRAFT

Summary Minutes and Record of Decisions November 15 - 16, 2017 Board Meeting

A regular meeting of the Colorado Water Conservation Board (CWCB) convened at the Colorado Department of Agriculture, located at 305 Interlocken Pkwy, Broomfield, CO 80021. The meeting was called to order by Chair Ty Wattenberg. Eight voting members were present at the call to order, so a quorum was present (at least 6 required). Voting members present were: Ty Wattenberg, Jay Gallagher, Russell George, John McClow, Jim Yahn, Jack Goble, Heather Dutton, and Celene Hawkins. Ex-officio voting member Robert Randall, Executive Director of the Department of Natural Resources, was present. Non-voting ex officio members present or represented were Chris Wiseman, Deputy Commissioner of the Department of Agriculture; John Stulp, Director of the IBCC; Laura Chartrand, Deputy Attorney General, Colorado Department of Natural Resources and Environment Section; Jackie Corday; Colorado Parks and Wildlife Water Resources Section Manager; Kevin Rein, State Engineer; and Rebecca Mitchell, Colorado Water Conservation Board Director.

On the second day, the meeting was called to order by Chair Ty Wattenberg. Eight voting members were present at the call to order, so a quorum was present (at least 6 required). The voting members present were: Ty Wattenberg, Jay Gallagher, Russell George (Russell George was absent for the afternoon), John McClow, Jim Yahn, Jack Goble, Heather Dutton, and Celene Hawkins. Ex-officio voting member Robert Randall, Executive Director of the Department of Natural Resources, was absent. Non-voting ex officio members present or represented were John Stulp, Director of the IBCC; Laura Chartrand, Deputy Attorney General, Colorado Department of Natural Resources and Environment Section; Kevin Rein, State Engineer, and Rebecca Mitchell, Colorado Water Conservation Board Director.



Note: While the Board's consideration of agenda items does not always follow the sequence indicated by the agenda numbers, these minutes are listed in agenda item order for easier reference.

1. Review and Approve Agenda

Action: A motion to approve the agenda was made by Jay Gallagher, which was seconded by Jim Yahn. The motion was approved unanimously (9-0).

2. Review and Approve September 20 - 21, 2017 Board Meeting Minutes

Action: A motion to approve the agenda was made by Jim Yahn, which was seconded by Jay Gallagher. The motion was approved unanimously (9-0).

3. Approve and/or Remove Consent Agenda Items

Action: A motion to approve the Consent Agenda was made by Jay Gallagher, which was seconded by Jim Yahn. The motion was approved unanimously (9-0).

1. Statements of Opposition

Stream & Lake Protection Section

The Board will be asked to ratify Statements of Opposition that have been filed by staff to protect instream flow and natural lake level water rights and to protect CWCB's exclusive authority to hold instream flow water rights in the following water court cases:

- a. Case No. 17CW3037 (Water Division 5): Application of Upper Arkansas Water Conservancy District*
- b. Case No. 17CW3156 (Water Division 5): Application of Mid Valley Metropolitan District*
- c. Case No. 17CW3174 (Water Division 5): Application of Town of Basalt*

2. Statements of Opposition

Interstate, Federal, & Water Information Section

The Board will be asked to ratify a Statement of Opposition that was filed by staff to protect Colorado's ability to promote maximum utilization of the waters of the State for the following Recreational In-Channel Diversion (RICD) case:

- a. Case No. 1-17CW3111: Application for Finding of Reasonable Diligence by the City of Longmont*

3. Floodplain Designations:

Watershed and Flood Protection Section

- a. "Flood Insurance Study, Elbert County, Colorado and Incorporated Areas", by FEMA, dated March 2011*
- b. "Flood Insurance Study, Rio Grande County, Colorado and Incorporated Areas", by FEMA, dated September 2011*

- c. *"Flood Insurance Study, Summit County, Colorado and Incorporated Areas", by FEMA, dated November 2011*
- d. *"Flood Insurance Study, Montrose County, Colorado and Incorporated Areas", by FEMA, dated January 2012*
- e. *"Flood Insurance Study, Fremont County, Colorado and Incorporated Areas", by FEMA, dated July 2012*
- f. *"Flood Insurance Study, Clear Creek County, Colorado and Incorporated Areas", by FEMA, dated July 2012*
- g. *"Flood Insurance Study, Mesa County, Colorado and Incorporated Areas", by FEMA, dated October 2012*
- h. *"Flood Insurance Study, Boulder County, Colorado and Incorporated Areas", by FEMA, dated December 2012*
- i. *"Flood Insurance Study, Larimer County, Colorado and Incorporated Areas", by FEMA, dated February 2013*
- j. *"Flood Insurance Study, Gunnison County, Colorado and Incorporated Areas", by FEMA, dated May 2013*
- k. *"Flood Insurance Study, City and County of Denver, Colorado", by FEMA, dated November 2013*
- l. *"Flood Insurance Study, City and County of Broomfield, Colorado", by FEMA, dated January 2016*
- m. *"Flood Insurance Study, Jefferson County, Colorado and Incorporated Areas", by FEMA, dated January 2016*
- n. *"Flood Insurance Study, Weld County, Colorado and Incorporated Areas", by FEMA, dated January 2016*
- o. *"Flood Insurance Study, Prowers County, Colorado and Incorporated Areas", by FEMA, dated April 2016*
- p. *"Flood Insurance Study, Logan County, Colorado and Incorporated Areas", by FEMA, dated May 2016*
- q. *"Flood Insurance Study, Douglas County, Colorado and Incorporated Areas", by FEMA, dated February 2017*
- r. *"Flood Insurance Study, Adams County, Colorado and Incorporated Areas", by FEMA, dated February 2017*
- s. *"Flood Insurance Study, Arapahoe County, Colorado and Incorporated Areas", by FEMA, dated February 2017*
- t. *"St. Vrain Creek Existing Conditions 2017 Floodplain Study", by CH2M, dated September 2017*

4. Proposed Board Meeting Dates in 2018

- a. January 22 & 23 Denver Tech Center
- b. March 21 & 22 South Platte Basin
- c. May 23 & 24 Arkansas Basin
- d. July 18 & 19 Colorado Mainstem Basin
- e. September 18 - 20 Yampa Basin
- f. November 14 & 15 South Platte Basin

Action: This was an informational item only. No Board action was required.

5. Directors' Reports

a. Department of Natural Resources Executive Director

Action: Report by Robert Randall. This was an informational item only. No Board action was required.

b. Interbasin Compact Committee Director

Action: Report by John Stulp. This was an informational item only. No Board action was required.

c. Agriculture Commissioner

Action: Report by Chris Wiseman. This was an informational item only. No Board action was required.

d. Colorado Water Conservation Board Director

Action: Report by Rebecca Mitchell. This was an informational item only. No Board action was required.

e. State Engineer

Action: Report by Kevin Rein. This was an informational item only. No Board action was required.

f. Division of Parks and Wildlife

Action: Report by Jackie Corday. This was an informational item only. No Board action was required.

g. Water Resource and Power Development Authority

Action: Report by Mike Brod. This was an informational item only. No Board action was required

6. Comments on the Rio Grande National Forest Plan Revision Draft Environmental Impact Statement and Rio Grande National Forest Draft Revised Land Management Plan

Interstate, Federal, & Water Information Section and Stream and Lake Protection Section

Action: Report by CWCB staff member Linda Bassi. A motion to approve the staff recommendation was made by Heather Dutton, which was seconded by Russell George. The motion was approved unanimously (9-0).

Staff Recommendation: Staff recommends that the Board provide input on Staff's proposed comment letter as part of the Department of Natural Resources' (DNR) comments to the RGNF. DNR is the cooperating agency for the RGNF Plan revision process, which includes participation from four divisions: Colorado Parks and Wildlife, Colorado Water Conservation Board, the Division of Water Resources, and the Colorado State Land Board. Staff's proposed comment letter will be combined with other division responses as part of a DNR-wide response.

7. 2018 Projects Bill

Finance Section

a. Non-Reimbursable Project Investments

1. Flood & Drought Response Fund - Refresh

2. Litigation Fund - Refresh
3. Feasibility Study Grant Fund - Refresh
4. Colorado Floodplain Map Modernization Program - Continuation
5. Satellite Monitoring/Maintenance Program - Continuation
6. Weather Modification Permitting Program - Continuation*

*Jeff Micheal, a citizen in Lake County, addressed the Board regarding item 7.a.6 with concerns about the use of silver nano particles and its potential negative affects on humans.

7. ArkDSS Project - Continuation
8. Colorado Mesonet Project - Continuation
9. Technical Assistance for Federal Cost-Sharing (TAFC)
Continuation
10. Chatfield Downstream Channel Improvements - Continuation
11. Water Forecasting Partnerships Project - Continuation
12. Lidar Acquisition

Action: Report by CWCB staff member Kirk Russell. A motion to approve the staff recommendation was made by Jay Gallagher, which was seconded by John McClow. The motion was approved unanimously (9-0).

Staff Recommendation: Staff recommends the Board approve the Non-Reimbursable Investments listed as Agenda Item 7a. (1) through (12) and include them in the 2018 Project Bill.

b. Funding the Colorado Water Plan

Action: Report by CWCB staff member Kirk Russell. A motion to approve the staff recommendation was made by Jim Yahn, which was seconded by Jay Gallagher. The motion was approved unanimously (9-0).

Staff Recommendation: Staff recommends the Board approve the \$25 million Colorado Water Plan Implementation Funding package in the 2018 Projects Bill.

c. Chatfield Reservoir Reallocation

Action: Report by CWCB staff member Kirk Russell. A motion to approve the staff recommendation was made by Jim Yahn, which was seconded by Heather Dutton. The motion was approved unanimously (9-0).

Staff Recommendation: Staff recommends that the Board request an additional \$8 million appropriation from the General Assembly in the 2018 Projects Bill for increased costs in the Chatfield Reallocation Project.

8. Colorado Water Plan Implementation Update

Water Supply and Planning Section

Action: Report by CWCB staff member Megan Holcomb. This was an informational item only. No Board action was required.

9. Alternative Transfer Method Grants

Water Supply and Planning Section

a. South Platte River ATM & Conservation Easement

Action: Report by CWCB staff member Craig Godbout. Carmen Farmer, with Colorado Open Lands, addressed the Board. Todd Doherty, with Western Water Partnerships, addressed the Board. A motion to approve the staff recommendation was made by Jim Yahn, which was seconded by Jack Goble. The motion was approved unanimously (9-0).

Staff Recommendation: Staff recommends approval of up to \$284,500 from the Alternative Agricultural Water Transfer Methods Grant Program to help fund the “South Platte River ATM & Conservation Easement.”

b. New Cache La Poudre Water Marketing Strategy

Action: Report by CWCB staff member Craig Godbout. Dale Trowbridge, Manager of New Cache La Poudre Irrigation Company, addressed the Board. Greg Kernohan, with Ducks Unlimited, addressed the Board. A motion to approve the staff recommendation was made by Jim Yahn, which was seconded by Heather Dutton. The motion was approved unanimously (9-0).

Staff Recommendation: Staff recommends approval of up to \$214,957 from the Alternative Agricultural Water Transfer Methods Grant Program to help fund the “New Cache La Poudre Water Marketing Strategy.”

10. Statewide Water Supply Initiative

Water Supply and Planning Section

Action: Report by CWCB staff member Greg Johnson. This was an informational item only. No Board action was required.

11. Notice of 2018 Recommended Instream Flow Appropriations in Water Divisions 3, 4, 5, 6, and 7

Stream and Lake Protection Section

January 2018

Div	Stream	Recommending Entity	County	Length (miles)
3	Miners Creek (Headwaters to confl. Prong Creek)	CPW	Saguache	4.35
3	Prong Creek (Headwaters to confl. South Carnero Creek)	CPW	Saguache	3.71
4	Coyote Wash (Colorado/Utah Stateline to confl. Dolores River)	BLM	Montrose	10.5
4	Dutchman Creek (Headwaters to confl. Owens Creek)	HCCA & WRA	Saguache	6.78
4	Spring Creek (Headwaters to confl. Tabeguache Creek)	BLM	Montrose	12.4
5	Abrams Creek (Increase) (Headwaters to Mrs. Paye Ditch hdgt.)	BLM	Eagle	3.95

6	Douglas Creek (Confl. East & West Douglas Creeks to confl. White River)	BLM	Rio Blanco	26.3
6	Hahn Creek (Headwaters to confl. Lost Creek)	CPW	Rio Blanco	4.71
6	Lost Creek (Confl. Hahn Creek to confl. Long Park Creek)	CPW	Rio Blanco	3.64
6	Lost Creek (Increase) (Confl. Long Park Creek to confl. NF White River)	CPW	Rio Blanco	0.83
7	Disappointment Creek (Confl. Morrison Creek to historic USGS gage)	BLM	Dolores	21.7
7	Disappointment Creek (Historic USGS Gage to confl. Dolores River)	BLM	Dolores San Miguel	37.8
7	Rincon La Vaca Creek (Headwaters to confl. Los Pinos River)	CPW	Hinsdale	4.47

March 2018

Div	Stream	Recommending Entity	County	Length (miles)
7	Himes Creek (Headwaters to Himes Ditch hdgt.)	USFS	Mineral	2.01

BLM = Bureau of Land Management; CPW = Colorado Parks and Wildlife; HCCA = High Country Conservation Advocates; USFS = U.S. Forest Service; WRA = Western Resource Advocates

Action: Report given by CWCB staff member Rob Viehl. This was an informational item only. No Board action was required.

12. Request for Water Acquisition Pilot Program

Stream and Lake Protection Section

Action: Report given by CWCB staff member Linda Bassi. Andy Schultheiss, Executive Director of the Colorado Water Trust, addressed the Board. Anne Janicki, with Colorado Water Trust, addressed the Board. Karen Wogsland, with Colorado Water Trust, addressed the Board. This was an informational item only. No Board action was required.

13. Colorado Lidar Plan and Flood Mapping Program Updates

Watershed and Flood Protection Section

Action: Report by CWCB staff member Thuy Patton. This was an informational item only. No Board action was required.

14. Attorney General's Report, Legal Briefing, and Executive Session

Action: Report by Laura Chartrand, Deputy Attorney General for Natural Resources. This was an informational item only. No Board action was required

15. Executive Session

Action: Under the Colorado Open Meetings Act, C.R.S. Section 24-6-402(3)(a)(II), a motion was made by Jay Gallagher for the Board to go into executive session for the discussion of agenda items 15.a. through 15.h. The motion was seconded by Jack Goble. The motion was approved unanimously (9-0).

- a. Bear Creek Lake
 - 1. Diligence Case
 - 2. Water Rights Case
- b. Case No. 15CW3111, Water Division 4 (Application of Colorado Water Conservation Board on Dolores River)
- c. Poudre River Instream Flow Augmentation Plan
- d. Wild & Scenic Suitability and Designation
- e. Rio Grande Rules Case Litigation
- f. Texas v NM and Colorado - Orig., Action 141
- g. Republican River Basin - Interstate Discussions
- h. Colorado River
 - 1. Board Workshop
 - 2. Compact Compliance Study
 - 3. Drought Contingency Planning
 - i. Upper Basin
 - ii. Lower Basin
 - 4. Salinity Forum
 - 5. A-LP Association

16. Report From Executive Session

Action: Jay Gallagher made a motion for the Board to leave Executive Session, which was seconded by John McCLOW. The motion was approved unanimously (9-0).

Action: Jim Yahn made a motion to put \$8 million in the CWCB's 2018 Projects Bill for Republican River matters, which was seconded by Bob Randall. The motion was approved unanimously (9-0).

17. Basin Directors' Reports

a. Colorado River (Mainstem) Basin Director's Report

Action: Report by Russell George. This was an informational item only. No Board action was required.

b. San Juan/San Miguel-Dolores River Basin Director's Report

Action: Report by Celene Hawkins. This was an informational item only. No Board action was required.

c. Gunnison River Basin Director's Report

Action: Report by John McCLOW. This was an informational item only. No Board action was required.

d. North Platte River Basin Director's Report

Action: Report by Ty Wattenberg. This was an informational item only. No Board action was required.

e. South Platte River Basin Director's Report

Action: Report by Jim Yahn. This was an informational item only. No Board action was required.

f. Arkansas River Basin Director's Report

Action: Report by Jack Goble. This was an informational item only. No Board action was required.

g. City and County of Denver Director's Report

Action: No report was given.

h. Rio Grande River Basin Director's Report

Action: Report by Heather Dutton. This was an informational item only. No Board action was required.

i. Yampa-White River Basin Director's Report

Action: Report by Jay Gallagher. This was an informational item only. No Board action was required.

18. Financial Matters - Construction Fund and Severance Tax Perpetual Base Fund

Finance Section

a. Annual Financial Statements

Action: Report by CWCB staff member Steve Biondo. This was an informational item only. No Board action was required.

b. Financial Policy #3 Change

Action: Report by CWCB staff member Steve Biondo. A motion to approve the staff recommendation was made by Russell George, which was seconded by Jim Yahn. The motion was approved unanimously (8-0).

Staff recommendation: Staff recommends changing Financial Policy 3 - Delinquency, Loan Restructuring and Collection by changing the late fee assessment from 15 days to 60 days.

c. Financial Projections and Cash Management Report

Action: Report by CWCB staff member Kirk Russell. This was an informational item only. No Board action was required.

19. Water Project Loans

Finance Section

a. Municipal Subdistrict, Northern Colorado Water Conservancy
District - Windy Gap Firing Project

Action: Report by CWCB staff member Jonathan Hernandez. Eric Wilkinson, General Manager of Northern Colorado Water Conservancy District, addressed the Board. A motion to approve the staff recommendation was made by Jim Yahn, which was seconded by Heather Dutton. The motion was approved unanimously (8-0).

Staff recommendation: Staff recommends the Board approve a loan not to exceed \$90,000,000 to the Windy Gap Firing Project Water Activity Enterprise owned by the Municipal Subdistrict,

Northern Colorado Water Conservancy District for costs related to the Windy Gap Firming Project, from the Construction Fund. The loan terms shall be 30 years at an interest rate of 3.10% per annum. Security for the loan shall be a pledge of Firming Enterprise revenues, namely the revenue from Storage Allotment Contracts of the pooled financing participants. Such pledge will be subordinate to the payment of the revenue bonds issued for constructing the Windy Gap Firming Project.

Additionally staff recommends the following loan approval condition prior to executing a contract:

1) The CWCB shall be provided the executed Storage Allotment Contracts of each pooled financing participant. The contracts shall include, but not be limited to, the following requirements:

a. Debt obligations under the Storage Allotment Contracts shall have parity status with any other first-lien debt obligations of the respective participant.

b. All payments owed to the Firming Enterprise under the Storage Allotment Contracts shall be subject to take-or-pay and step-up provisions.

20. Changes To Existing Loans

Finance Section

- a. North Poudre Irrigation Company - Mountain Supply Reservoir
No. 10 Repairs

Action: Report by CWCB staff member Jonathan Hernandez. Tad Moen, General Manager of North Poudre Irrigation Company, addressed the Board. A motion to approve staff recommendation was made by Jim Yahn, which was seconded by Celene Hawkins. The motion was approved unanimously (8-0).

Staff recommendation: Staff recommends the Board approve a loan increase of \$303,000 (\$300,000 for Project costs and \$3,000 for the 1% service fee), for a total loan not to exceed \$802,950 (\$795,000 for Project costs and \$7,950 for the 1% service fee) to the North Poudre Irrigation Company for costs related to the Mountain Supply Reservoir No. 10 Repairs Project, from the Severance Tax Perpetual Base Fund. The loan terms shall remain 30 years at a blended interest rate of 2.50% per annum. Security for the loan shall be in compliance with CWCB Financial Policy #5.

21. Water Efficiency Grant Application - Metropolitan State

University of Denver - One World One Water Center

Water Supply and Planning Section

Action: Report by CWCB staff member Ben Wade. Gary Barber, Arkansas Basin Implementation Plan Coordinator, addressed the Board. Tom Cech, with One World One Water Center, addressed the Board. A motion to approve staff recommendation was made by Jim Yahn, which was seconded by Jay Gallagher. The motion was approved unanimously (7-0).

Staff recommendation: Staff recommends the Board approve a Water Efficiency Grant not to exceed \$83,696 to Metropolitan State University of Denver, One World One Water Center, to fund the Phase 2 of the Colorado Water Collaboratory - Water Action Planning project.

22. South Platte River Run Project Update

Watershed and Flood Protection Section

Action: Report by CWCB staff member Kevin Houck. Laura Kroeger, with the Urban Drainage and Flood Control District, addressed the Board. This was an informational item only. No Board action was required.

23. Water Plan Grants - Overview

Action: Report by CWCB staff member Kirk Russell. This was an informational item only. No Board action was required.

24. Water Plan Grants - Agriculture (Final)

a. Fruitland Irrigation Company - Fruitland Irrigation Renovation Project

Action: Report by CWCB staff member Brent Newman. A motion to approve the staff recommendation was made by John McClow, which was seconded by Heather Dutton. The motion was approved unanimously (7-0).

Staff recommendation: Staff recommends Board Approval of the projects/activities listed in the following table for Water Plan Grant funding below.

b. La Plata Water Conservancy District - Bobby K Taylor Reservoir Recharge Pits

Action: Report by CWCB staff member Brent Newman. A motion to approve the staff recommendation was made by Celene Hawkins, which was seconded by John McClow. The motion was approved unanimously (7-0).

Staff recommendation: Staff recommends Board Approval of the projects/activities listed in the following table for Water Plan Grant funding below.

c. Treanor Enterprise Ditch Company - Treanor Ditch Lining Project

Action: Report by CWCB staff member Brent Newman. A motion to approve the staff recommendation was made by Celene Hawkins, which was seconded by Jim Yahn. The motion was approved unanimously (7-0).

Staff recommendation: Staff recommends Board Approval of the projects/activities listed in the following table for Water Plan Grant funding.

Applicant	Project Name	% of Eligible Project Costs	Grant Amount
a. Fruitland Irrigation Company	Fruitland Irrigation Renovation Project	3.3%	\$350,000
b. La Plata Water Conservancy District	Bobby K. Taylor Reservoir Recharge Pits	50%	\$35,000
c. Treanor Enterprise Ditch Company	Treanor Ditch Lining Project	57%	\$17,000

	Total	\$402,000
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25. Water Plan Grants - Agriculture (Initial Review)

- a. Colorado River Water Conservation District - Silt Water Conservancy District Agricultural Infrastructure Improvement Project
- b. Haymeadow Metropolitan District No. 6 - Love & White Efficiency Project - Phase 1
- c. Turner Ditch Company - Turner and Lone Cabin Ditch - Combination Salinity Reduction Project
- d. Ducks Unlimited, Inc. - North Park Irrigated Meadows Infrastructure Improvements
- e. Colorado River Water Conservation District - Fire Mountain Canal Regulating Reservoir

Action: Report by CWCB staff member Brent Newman. This was an informational item only. No Board action was required.

26. Water Plan Grants - Storage (Final)

- a. City of Walsenburg - City Lake Dam Enlargement

Action: Report by CWCB staff member Anna Mauss. James Eccher, Mayor of the City of Walsenburg, addressed the Board. A motion to approve the staff recommendation with an amended condition was made by Jack Goble, which was seconded by John McClow. The motion was approved unanimously (7-0).

Staff additionally recommends the following approval condition for item 26a: Prior to executing a grant contract, the City of Walsenburg must provide the CWCB with an executed Intergovernmental Agreement (IGA) between the City and **other local government members of the Cucharas Storage Collaborative, including the Town of La Veta, the Cucharas Sanitation & Water District, and the Huerfano County Water Conservancy District** regarding future use of the enlarged storage capacity at City Lake by March 15, 2018. If the IGA is not executed by December 31, 2017, the City must provide a status report to CWCB staff so an update can be presented to the Board at the January 2018 meeting. If the IGA is not executed by March 15, 2018, the Board will reconsider the grant authorization so funds can be used for other storage projects.

Staff recommendation: Staff recommends Board Approval of the projects/activities listed in the following table for Water Plan Grant funding below.

- b. Colorado River Water Conservation District - West Divide Yield

Action: Report by CWCB staff member Anna Mauss. A motion to approve the staff recommendation was made by Jack Goble, which was seconded by John McClow. The motion was approved unanimously (7-0).

Staff recommendation: Staff recommends Board Approval of the projects/activities listed in the following table for Water Plan Grant funding.

Applicant	Project Name	% of Project Costs	Grant Amount
a. City of Walsenburg	City Lake Dam Enlargement	12%	\$804,000
b. Colorado River Water Conservation District	West Divide Yield	50%	\$80,260
		Total	\$884,260

27. Water Plan Grants - Storage (Initial Review)

- a. City of Brighton - Erger's Augmentation Station

Action: Report by CWCB staff member Anna Mauss. This was an informational item only. No Board action was required.

28. Water Plan Grants - Supply Demand/Gap (Final)

- a. South Metro WISE Authority - WISE Binney Connection

Action: Report by CWCB staff member Greg Johnson. A motion to approve the staff recommendation was made by Jim Yahn, which was seconded by Heather Dutton. The motion was approved unanimously (7-0).

Staff recommendation: Staff recommends Board Approval of the projects/activities listed in the following table for Water Plan Grant funding.

- b. Central Colorado Water Conservancy District - Walker Ranch Recharge Project

Action: Report by CWCB staff member Greg Johnson. A motion to approve the staff recommendation was made by Jim Yahn, which was seconded by Heather Dutton. The motion was approved unanimously (7-0).

Staff recommendation: Staff recommends Board Approval of the projects/activities listed in the following table for Water Plan Grant funding.

- c. Conejos Water Conservancy District - Conejos Cooperative Project

Action: Report by CWCB staff member Greg Johnson. A motion to approve the staff recommendation was made by Jim Yahn, which was seconded by Heather Dutton. The motion was approved unanimously (7-0).

Staff recommendation: Staff recommends Board Approval of the projects/activities listed in the following table for Water Plan Grant funding.

Applicant	Project Name	% of Eligible Project Costs	Grant Amount
a. South Metro WISE Authority	WISE Binney Connection	32%	\$80,000
b. Central Colorado Water Conservancy District	Walker Ranch Recharge Project	8%	\$750,000

c. Conejos Water Conservancy District	Conejos Cooperative Project	91%	\$158,051
		Total	\$988,051

29. Water Plan Grants - Supply Demand/Gap (Initial Review)

- a. Town of Firestone Water Activity Enterprise - Modeling Reservoir Operations for Direct Reuse
- b. Aurora-Colorado Springs Joint Water Authority - Homestake Arkansas River Diversion Improvements
- c. St. Charles Mesa Water District - Long-Term Potable Water Supply to the Zinno Subdivision

Action: Report by CWCB staff member Ben Wade. This was an informational item only. No Board action was required.

30. Water Plan Grants - Environmental & Recreation (Final)

- a. Denver Botanic Gardens - South Platte Basin Restoration Feasibility Study

Action: Report by CWCB staff member Linda Bassi. A motion to approve the staff recommendation was made by Jim Yahn, which was seconded by Celene Hawkins. The motion was approved unanimously (7-0).

Staff recommendation: Staff recommends Board Approval of the projects/activities listed in the following table for Water Plan Grant funding.

- b. Trout Unlimited - Needle Rock Ditch Diversion Modification

Action: Report by CWCB staff member Linda Bassi. A motion to approve the staff recommendation was made by Jim Yahn, which was seconded by Celene Hawkins. The motion was approved unanimously (7-0).

Staff recommendation: Staff recommends Board Approval of the projects/activities listed in the following table for Water Plan Grant funding.

- c. Trout Unlimited - Windy Gap Reservoir Bypass Project

Action: Report by CWCB staff member Linda Bassi. A motion to approve the staff recommendation was made by Jim Yahn, which was seconded by Celene Hawkins. The motion was approved unanimously (7-0).

Staff recommendation: Staff recommends Board Approval of the projects/activities listed in the following table for Water Plan Grant funding.

- d. American Whitewater - Assessing Nonconsumptive Recreational Needs and Opportunities in the Rio Grande River Basin

Action: Report by CWCB staff member Linda Bassi. A motion to approve the staff recommendation was made by Heather Dutton, which was seconded by Celene Hawkins. The motion was approved unanimously (7-0).

Staff recommendation: Staff recommends Board Approval of the projects/activities listed in the following table for Water Plan Grant funding.

Applicant	Project Name	% of Eligible Project Costs	Grant Amount
a. Denver Botanic Gardens	South Platte River Basin Restoration Planning and Feasibility Study	48%	\$69,847
b. Trout Unlimited	Needle Rock Ditch Diversion Modification	50%	\$20,000
c. Trout Unlimited	Windy Gap Reservoir Bypass Project	12%	\$325,237
d. American Whitewater *	Assessing Nonconsumptive Recreational Needs and Opportunities in the Rio Grande Basin	43%	\$39,200
		Total	\$454,284

31. Water Plan Grants - Environmental & Recreation (Initial Review)

- a. Aurora-Colorado Springs Joint Water Authority - Homestake Arkansas River Diversion Improvements
- b. Colorado Water Trust - McKinley Ditch Project
- c. Ducks Unlimited, Inc. - Wellington Wetland Enhancement and Recreation Project
- d. Trout Unlimited - Lower Tomichi Water Conservation Project

Action: Report by CWCB staff member Linda Bassi. This was an informational item only. No Board action was required.

32. Water Plan Grants - Water Conservation and Land Use (Final)

- a. Dominion Water and Sanitation District- Regional Factors for Precipitation Harvesting

Action: Report by CWCB staff member Kevin Reidy. A motion to approve the staff recommendation was made by Jim Yahn, which was seconded by Jack Goble. The motion was approved unanimously (7-0).

Staff recommendation: Staff recommends Board Approval of the projects/activities listed in the following table for Water Plan Grant funding.

- b. Peak Spatial Enterprises/Chambers Econ and Analytics-Water Information/ Real Estate Water Disclosure Site

Action: Report by CWCB staff member Kevin Reidy. Sean Chambers, with Royal Koepsell, addressed the Board. A motion to approve the staff recommendation was made by Jim Yahn, which was seconded by Jack Goble. The motion was approved unanimously (7-0).

Staff recommendation: Staff recommends Board Approval of the projects/activities listed in the following table for Water Plan Grant funding.

Applicant	Project Name	% of Eligible Project Costs	Grant Amount
a. Dominion Water and Sanitation District	Regional Factors for Precipitation Harvesting	50%	\$54,000
b. Peak Spatial Enterprises /Chambers Econ and Analytics	Water Information/Real Estate Disclosure	47%	\$60,000
		Total	\$114,000

33. Water Plan Grants - Water Conservation and Land Use (Initial Review)

- a. Northwest Colorado Council of Governments: Water Quality/ Quantity Committee- Water Savings Measures in Land Use Codes in the Headwaters
- b. WaterReuse Colorado- Development of Colorado Guidelines for Direct Potable Reuse
- c. ~~Colorado State University- Linking Urban Landscape Irrigation, Urban Growth Density, and Return Flows~~
- d. Colorado Springs Utilities - Homebuyer Landscape Outreach Program

Action: Report by CWCB staff member Kevin Reidy. This was an informational item only. No Board action was required.

34. Water Plan Grants - Engagement & Innovation (Final)

- a. Arkansas River Basin Water Forum - Implementing the Education & Outreach Goals of the Arkansas Basin Implementation Plan through Education to Action Projects/Programs

Action: Report by CWCB staff member Mara MacKillop. A motion to approve the staff recommendation was made by Celene Hawkins, which was seconded by Jay Gallagher. The motion was approved unanimously (7-0).

Staff recommendation: Staff recommends Board Approval of the projects/activities listed in the following table for Water Plan Grant funding.

- b. Colorado Cattlemen's Association - Agriculture Water Collaborative

Action: Report by CWCB staff member Mara MacKillop. A motion to approve the staff recommendation was made by Celene Hawkins, which was seconded by Jay Gallagher. The motion was approved unanimously (7-0).

Staff recommendation: Staff recommends Board Approval of the projects/activities listed in the following table for Water Plan Grant funding.

- c. Colorado Foundation for Agriculture - Understanding Water Activity Book

Action: Report by CWCB staff member Mara MacKillop. A motion to approve the staff recommendation was made by Celene Hawkins, which was seconded by Jay Gallagher. The motion was approved unanimously (7-0).

Staff recommendation: Staff recommends Board Approval of the projects/activities listed in the following table for Water Plan Grant funding.

- d. Colorado Foundation for Water Education - Deepening Water Engagement through Expansion of the Water Educator Network

Action: Report by CWCB staff member Mara MacKillop. A motion to approve the staff recommendation was made by Celene Hawkins, which was seconded by Jay Gallagher. The motion was approved unanimously (7-0).

Staff recommendation: Staff recommends Board Approval of the projects/activities listed in the following table for Water Plan Grant funding.

- e. Colorado Open Lands - Enhancing the Colorado Water Plan through Comprehensive Education and Outreach

Action: Report by CWCB staff member Mara MacKillop. A motion to approve the staff recommendation was made by Celene Hawkins, which was seconded by Jay Gallagher. The motion was approved unanimously (7-0).

Staff recommendation: Staff recommends Board Approval of the projects/activities listed in the following table for Water Plan Grant funding.

- f. Denver Botanic Gardens - Water in the West: Exhibition & Outreach through the Gardens

Action: Report by CWCB staff member Mara MacKillop. A motion to approve the staff recommendation was made by Celene Hawkins, which was seconded by Jay Gallagher. The motion was approved unanimously (7-0).

Staff recommendation: Staff recommends Board Approval of the projects/activities listed in the following table for Water Plan Grant funding.

- g. Geothermal Greenhouse Partnership, Inc. - Community Garden and Innovation Greenhouses

Action: Report by CWCB staff member Mara MacKillop. A motion to approve the staff recommendation was made by Celene Hawkins, which was seconded by Jay Gallagher. The motion was approved unanimously (7-0).

Staff recommendation: Staff recommends Board Approval of the projects/activities listed in the following table for Water Plan Grant funding.

- h. Open Water Foundation - TAP-IN

Action: Report by CWCB staff member Mara MacKillop. A motion to approve the staff recommendation was made by Celene Hawkins, which was seconded by Jay Gallagher. The motion was approved unanimously (7-0).

Staff recommendation: Staff recommends Board Approval of the projects/activities listed in the following table for Water Plan Grant funding.

- i. One World One Water Center at MSU Denver - WaterWise Circa 2018: Water Theatre Company

Action: Report by CWCB staff member Mara MacKillop. A motion to approve the staff recommendation was made by Celene Hawkins, which was seconded by Jay Gallagher. The motion was approved unanimously (7-0).

Staff recommendation: Staff recommends Board Approval of the projects/activities listed in the following table for Water Plan Grant funding.

Applicant	Project Name	% Project Costs	Grant Amount
a. Arkansas River Basin Water Forum	Implementing the Education & Outreach Goals of the Arkansas Basin Implementation Plan through Education to Action Projects/Programs	74%	\$24,350
b. Colorado Cattlemen's Association	Agriculture Water Collaborative	50%	\$76,200
c. Colorado Foundation for Agriculture	Understanding Water Activity Book	82%	\$53,000
d. Colorado Foundation for Water Education	Deepening Water Engagement through Expansion of the Water Educator Network	82%	\$110,000
e. Colorado Open Lands	Enhancing the Colorado Water Plan through Comprehensive Education	21%	\$61,750

	and Outreach		
f. Denver Botanic Gardens	Water in the West: Exhibition & Outreach through the Gardens	47%	\$44,750
g. Geothermal Greenhouse Partnership, Inc.	Community Garden and Innovation Greenhouses	68%	\$174,500
h. Open Water Foundation	TAP-IN	84%	54,000
i. One World One Water Center at MSU Denver	WaterWise Circa 2018: Water Theatre Company	77%	\$10,225
		Total	\$608,805

35. Water Plan Grants - Engagement & Innovation (Initial Review)

- a. Colorado State University - Investigation of Barriers to Policy for Low Impact Development
- b. Mancos Conservation District - Mancos Watershed Outreach and Data (MWOD) and School-Based Outdoor Learning Labs (SOLL) Projects
- c. Middle Colorado Watershed Council - Colorado River Interpretive Center
- d. National Young Farmers Coalition - Training Young Farmers as Water Leaders Through Colorado Water Law & Policy Bootcamps
- e. One World One Water Center at MSU Denver - Activating Colorado's Water Plan with Student Driven Innovation
- f. Roaring Fork Conservancy - River Center Education Programs

Action: Report by CWCB staff member Mara MacKillop. This was an informational item only. No Board action was required.

Meeting Adjourned

A motion to adjourn the November 2017 Board meeting was made by Celene Hawkins, which was seconded by Jim Yahn. The motion was approved unanimously (7-0).