

Appendix 5.2-C 2015 Arkansas BIP IPPs

Project ID	Name	Location
- - ARK 2015 0013	cucharas river watershed assessment	
- - ARK 2015 0015	purgatoire river flow augmentation	
- - ARK 2015 0016	purgatoire river native fish project	
- - ARK 2015 0017	purgatoire river habitat project	
- - ARK 2015 0018	purgatoire river management	
- - ARK 2015 0019	purgatoire river aquifers	
- - ARK 2015 0020	grape creek management -CPW 1	
- - ARK 2015 0021	grape creek management - CPW 2	

- -
ARK 2015 0022 john martin reservoir
permanent pool

- -
ARK 2015 0023 placer gold panning /
dredging operations

- -
ARK 2015 0024 granite diversion
structure

ARK 2015 0025 helena diversion
structure

- -
ARK 2015 0026 hydraulic diversion
structure

- -
ARK 2015 0027 canon city municipal
diversion structure

- -
ARK 2015 0028 oil creek diversion
structure

- -
ARK 2015 0029 fremont diversion
structure

- -
ARK 2015 0030 lester-attebery
diversion structure

- -
ARK 2015 0031 CF&I diversion
structure

- -
ARK 2015 0032 salida low head dam

- -
ARK 2015 0033 minnequa dam

- -
ARK 2015 0034 mackenzie avenue
bridge

- -
ARK 2015 0035 bear creek
management

-	-	severy creek management
ARK 2015 0036		
-	-	southern red belly dace management
ARK 2015 0037		
-	-	arkasas darter management
ARK 2015 0038		
-	-	beaver creek management
ARK 2015 0039		
-	-	beaver creek water management
ARK 2015 0040		
-	-	beaver creek - west beaver creek instream flow appropriation
ARK 2015 0041		
-	-	beaver creek - east beaver creek instream flow appropriation
ARK 2015 0042		

ARK 2015 0043 cutthroat trout
management

- -

ARK 2015 0044 stonewall springs
reservoir

- -

ARK 2015 0045 two buttes creek
management

- -

ARK 2015 0046 arkansas river low
flow

- -

ARK 2015 0049 lower arkansas river
management

- -

ARK 2015 0050 lower arkansas river
water management -
CPW 1

- -

ARK 2015 0051 lower arkansas river
water management -
CPW 2

- -

ARK 2015 0052 lower arkansas river
seasonal water
management

-	-	south arkansas river instream flow appropriation
ARK 2015 0054		
ARK 2015 0055		monument creek management
-	-	monument and fountain creek habitat management
ARK 2015 0056		
-	-	fountain creek management
ARK 2015 0057		
-	-	four mile creek water management - CPW 1
ARK 2015 0058		
-	-	four mile creek water management - CPW 2
ARK 2015 0059		
-	-	apishapa river instream flow appropriation
ARK 2015 0060		
-	-	chalk creek instream flow appropriation
ARK 2015 0061		
-	-	voluntary flow management plan (VFMP) - CPW 1
ARK 2015 0062		

- -
ARK 2015 0063 voluntary flow
management plan
(VFMP) - CPW 2

- -
ARK 2015 0064 voluntary flow
management plan
supplemental water -
CPW 1

- -
ARK 2015 0065 voluntary flow
management plan
supplemental water -
CPW 2

- -
ARK 2015 0066 voluntary flow
management plan
supplemental water -
CPW 3

- -
ARK 2015 0067 voluntary flow
 management plan
 supplemental water -
 CPW 4

- -
ARK 2015 0068 voluntary flow
 management plan
 supplemental water -
 CPW 5

- -
ARK 2015 0069 voluntary flow
 management plan
 supplemental water -
 CPW 6

- -
ARK 2015 0070 voluntary flow
 management plan
 supplemental water -
 CPW 7

- -
ARK 2015 0087 re-operate CPW
 storage rights in
 deweese reservoir

- -
ARK 2015 0092 colorado gulch
 restoration

- -
ARK 2015 0106 water rights
 acquisition -
 bessemer

- -
ARK 2015 0149 purgatoire river
 reaches 5 and 5
 habitat improvement
 project

- -
ARK 2015 0159 hale reservoir
 renovation

- -
ARK 2015 0177 westside

- -
ARK 2015 0178 north trout

- -
ARK 2015 0179 herring park

- -
ARK 2015 0180 spruce creek

- -
ARK 2015 0181 cree creek

- -

ARK 2015 0182

o-haver lake

- -

ARK 2015 0183

silver creek

- -

ARK 2015 0184

little annie

- -

ARK 2015 0185

willow creek

- -

ARK 2015 0186

poncha loop

- -

ARK 2015 0197

box creek

- -

ARK 2015 0198

tennessee creek

- -

ARK 2015 0199

flume creek

- -

ARK 2015 0201

greenhorn

- -

ARK 2015 0202

12 mile

-	-	north trout - limestone bighorn sheep project
ARK 2015 0207		
-	-	buffalo peaks wilderness boreal toad trail reroute
ARK 2015 0209		
-	-	monarch pass to monarch park sediment project
ARK 2015 0210		
-	-	trout creek spring
ARK 2015 0211		
-	-	twin lakes burn
ARK 2015 0216		
-	-	deweese reservoir TMDL project
ARK 2015 0218		
-	-	waldo fire recovery
ARK 2015 0220		

- -
ARK 2015 0221 upper monument
creek

- -
ARK 2015 0222 catamount

- -
ARK 2015 0223 halfmoon creek

ARK 2015 0224 watershed health
collaborative

ARK 2015 0225 watershed health
strategic plan

- -
ARK 2015 0230 boulevard addition
nature park:
purgatoire invasive
species removal and
habitat restoration

- -
ARK 2015 0231 minnie canyon:
purgatoire invasive
species removal and
habitat restoration

- -
ARK 2015 0250 purgatoire river
watershed riparian
rehabilitation

- -
ARK 2015 0252 upper fountain creek
/ cheyenne creek
flood restoration
master plan

- -
ARK 2015 0253 monument creek
flood restoration
master plan

- -
ARK 2015 0259 SECWCD regional
water conservation
plan implementation

- -
ARK 2015 0260 water quality working
group

- -
ARK 2015 0262 local water
conservation
planning

- -
ARK 2015 0264 garden park

- -
ARK 2015 0265 trail gulch / seep
springs

- -
ARK 2015 0266 deer haven / high
park / booger red

- -
ARK 2015 0267 state highway 9 fuels
reduction project

- -
ARK 2015 0268 badger creek
watershed health

- -
ARK 2015 0269 badger creek
riparian

- -
ARK 2015 0270 badger creek water
developments

- -
ARK 2015 0271

arkansas mainstem
grazing
management
improvement

- -
ARK 2015 0272

wellsville forest
health

- -
ARK 2015 0273

sweetwater forest
health

- -
ARK 2015 0274 dead goat gulch

- -
ARK 2015 0275 frenchman creek

- -
ARK 2015 0277 southwest canon city
 forest health

- -
ARK 2015 0278 lake county CWPP
 implementation

- -
ARK 2015 0279 cache creek thinning

ARK 2015 0280 sherman mine /
upper iowa gulch
ARK 2015 0281 paddock

- -
ARK 2015 0282 blue heron

ARK 2015 0289 great plains reservoir
restoration

- -
ARK 2015 0290 john martin reservoir
wetlands
maintenance
program

ARK 2015 0506 elbert county water
monitoring network

- -
ARK 2015 0519 our water, our
watershed

- -
ARK 2015 0520 baca-picketwire
 headgate
 improvement

- -
ARK 2015 0521 powell arroyo siphon
 protection structure

- -
ARK 2015 0552 clear creek reservoir
 expansion

- -
ARK 2015 0555 restore historic
 palmer lake

- -
ARK 2015 0557 head gate
 replacement at two
 buttes reservoir

- -
ARK 2015 0558 pueblo dam
hydroelectric project

- -
ARK 2015 0571 2015 proposed ISF
appropriation -
beaver creek

- -
ARK 2015 0572 2016 proposed ISF
appropriation - west
beaver creek

- -
ARK 2015 0573 2017 proposed ISF
appropriation - baker
creek

- -
ARK 2015 0574 2018 proposed ISF
appropriation -
bonnett creek

- -
ARK 2015 0575 2019 proposed ISF
appropriation -
apishapa creek

- -
ARK 2015 0576

2020 proposed ISF
appropriation -
arkansas creek

Proponent	County(s)	Project Type
HCWCD, CWCB, Town of La Veta, City of Walsenburg, CSWD, Huerfano County BOCC, LVFPD, HCFPD, UHFPD, CSFS, DWR, USS, NRCS	huerfano	watershed health
CPW	las animas	environmental, recreational, water quality, watershed health, multi-benefit
CPW	las animas	environmental, recreational, water quality, watershed health, ISF, multi-benefit
CPW	las animas	environmental, recreational, water quality, watershed health, ISF, multi-benefit
CPW	las animas, otero, bent	ag, storage, env, rec, water quality, watershed health, conservation / efficiency, multi-b
CPW	las animas, otero, bent	ag, storage, env, rec, water quality, watershed health, multi-b
CPW, BLM	fremont, custer	ag, storage, env, rec, water quality, watershed health, conservation / efficiency, ISF, multi-b
CPW	fremont, custer	env, rec, water quality, watershed health, multi-b

CPW	bent	storage, env, rec, water quality, conservation / efficiency, multi-b
CPW	lake, chaffee, fremont, pueblo	env, rec, water quality, watershed health, multi-b
CPW/CO Springs/Aurora	chaffee	M&I, env, rec, multi-b
CPW/Ditch Company	chaffee	ag, env, rec, multi-b
CPW/Ditch Company	fremont	ag, env, rec, multi-b
CPW/Cañon City	fremont	M&I, env, rec, multi-b
CPW/Ditch Company	fremont	ag, env, rec, multi-b

CPW/Ditch Company	fremont	ag, env, rec, multi-b
CPW/BLM/Ditch Company	fremont	ag, env, rec, multi-b
CPW/CF&I	fremont	M&I, env, rec, multi-b
CPW	chaffee	env, rec
CPW/M Corp.	fremont	M&I, env, rec, multi-b
CPW/Valco Ponds	fremont	env, rec
CPW, USFS, CSU, El Paso County	el paso	env, water quality, watershed health, multi-b

CPW el paso env, water quality, watershed health, multi-b

CPW el paso, fremont, huerfano, las animas, otero, bent, prowers, pueblo env, water quality, watershed health, ISF, multi-b

CPW el paso, fremont, huerfano, las animas, otero, bent, prowers, pueblo storage, env, water quality, watershed health, ISF, multi-b

CPW fremont, teller ag, storage, env, rec, water quality, watershed health, ISF, multi-b

CPW, Beaver Park Irrigation Co, Victor, Anglo Gold Corp., Cripple Creek, Colorado Springs, Penrose fremont, teller M&I, ag, storage, env, rec, water quality, watershed health, conservation / efficiency, multi-b

CPW fremont, teller ag, storage, env, rec, water quality, watershed health, ISF, multi-b

CPW fremont, teller ag, storage, env, rec, water quality, watershed health, ISF, multi-b

CPW	chaffee, lake, el pas, custer, teller	env, water quality, watershed health, ISF, multi-b
CPW	lake, chaffee, fremont, pueblo	ag, storage, env, rec, multi-b
CPW	Baca	M&I, ag, storage, env, rec, water quality, watershed health, multi-b
CPW	pueblo	M&I, ag, storage, env, rec, water quality, watershed health, conservation / efficiency, ISF, multi-b
CPW	otero, bent, prowers, pueblo	env, rec, water quality, watershed health, multi-b
CPW	el paso, fremont, huerfano, las animas, otero, bent, prowers, pueblo	ag, storage, env, rec, water quality, watershed health, multi-b
CPW	otero, bent, prowers, pueblo	ag, storage, env, rec, water quality, watershed health, conservation / efficiency, multi- b
CPW	el paso, fremont, huerfano, las animas, otero, bent, prowers, pueblo	ag, storage, env, rec, water quality, watershed health, multi-b

CPW	chaffee	ag, storage, env, rec, water quality, watershed health, ISF, multi-b
CPW	el paso	env, rec, water quality, watershed health, multi-b
CPW	el paso, pueblo	ag, storage, env, rec, water quality, watershed health, multi-b
CPW	el paso, pueblo	ag, storage, env, rec, water quality, watershed health, conservation / efficiency, multi-b
CPW	fremont, teller	ag, storage, env, rec, water quality, watershed health, multi-b
CPW	el paso, fremont	ag, storage, env, rec, water quality, watershed health, multi-b
CPW	huerfano, pueblo, otero	ag, storage, env, rec, water quality, watershed health, ISF, multi-b
CPW	chaffee	ag, storage, env, rec, water quality, watershed health, ISF, multi-b
CPW	lake, chaffee, fremont, pueblo	ag, storage, env, rec, multi-b

CPW lake, chaffee,
fremont, ag, storage, env, rec, multi-b
pueblo

CPW lake, chaffee,
fremont, ag, storage, env, rec, multi-b
pueblo

CPW lake, chaffee,
fremont, ag, storage, env, rec, multi-b
pueblo

CPW lake, chaffee,
fremont, ag, storage, env, rec, multi-b
pueblo

CPW lake, chaffee,
fremont, ag, storage, env, rec, multi-b
pueblo

CPW lake, chaffee,
fremont, ag, storage, env, rec, multi-b
pueblo

CPW lake, chaffee,
fremont, ag, storage, env, rec, multi-b
pueblo

CPW lake, chaffee,
fremont, ag, storage, env, rec, multi-b
pueblo

BLM; Nonconsumptive lake, chaffee,
Needs Committee fremont, env, rec
pueblo

Colorado Mountain custer,
College fremont water quality

Pueblo Water lake M&I

TU (PRATU), City of pueblo env
Trinidad, PRWCD

Cross Creek Metropolitan District	las animas	M&I, storage
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- USFS WAPA	el paso	M&I, ag, env, rec, water quality, watershed health, conservation / efficiency, multi- b
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USFS	chaffee	ag, env, rec, water quality, watershed health, conservation / efficiency, multi- b
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USFS	park, fremont	ag, env, rec, water quality, watershed health, conservation / efficiency, multi- b
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USFS	chaffee	ag, env, rec, water quality, watershed health, conservation / efficiency, multi- b
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- USFS WAPA	chaffee	M&I, ag, env, rec, water quality, watershed health, conservation / efficiency, multi- b
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USFS	chaffee, saguache	M&I, ag, storage, env, rec, water quality, watershed health, conservation / efficiency, multi-b
USFS	saguache	ag, env, rec, water quality, watershed health, conservation / efficiency, multi- b
USFS	chaffee	ag, env, rec, water quality, watershed health, conservation / efficiency, multi- b
USFS	chaffee	ag, env, rec, water quality, watershed health, conservation / efficiency, multi- b
- USFS TriState	chaffee, saguache	M&I, ag, env, rec, water quality, watershed health, conservation / efficiency, multi- b

USFS

lake

env, rec, watershed health,
conservation / efficiency, multi-
b

USFS, Multiple
Partners (Aurora,
Pueblo, Colo. Springs
Utilities, Xcel, BOR)

lake

M&I, storage, env, rec, water
quality, watershed health,
conservation / efficiency, multi-
b

USFS

lake

M&I, storage, env, rec, water
quality, watershed health,
conservation / efficiency, multi-
b

USFS

pueblo,
huerfano

M&I, storage, env, rec, water
quality, watershed health,
conservation / efficiency, multi-
b

USFS

pueblo, custer

M&I, ag, env, rec, water
quality, watershed health,
conservation / efficiency, multi-
b

USFS chaffee ag, env, rec, water quality, watershed health, conservation / efficiency, multi-b

USFS chaffee env, rec, water quality, watershed health, conservation / efficiency, multi-b

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USFS CDOT chaffee M&I, storage, env, rec, water quality, watershed health, conservation / efficiency, multi-b

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USFS CDOT chaffee M&I, ag, env, water quality, watershed health, conservation / efficiency, multi-b

USFS lake env, rec

USFS, NRCS uster ag, env, water quality, conservation / efficiency, multi-b

USFS, CUSP, RMFI, EI Paso County, CSU, NRCS el paso

USFS, TNC, Front
Range
Roundtable, CSU,
CSFS

el paso, teller

USFS, CSU, BLM,
CUSP, CSFS

el paso, teller,
fremont

USFS, CPW

lake

M&I, env, rec, water quality,
watershed health,
conservation / efficiency, multi-
b

ABRT

arkansas
basin

watershed health

ABRT

arkansas
basin

Purgatoire Watershed
Partnership

las animas

watershed health

Purgatoire Watershed
Partnership

otero

watershed health

Tackling Tamarisk on
the Purgatoire (TTP)
Partnership

las animas,
otero, bent

Upper Fountain
Creek/Cheyenne
Creek Coalition
(Fountain Creek
Watershed District)

el paso

Upper Fountain
Creek/Cheyenne
Creek Coalition
(Fountain Creek
Watershed District)

el paso

SECWCD	bent, chaffee, crowley, el paso, fremont, kiowa, otero, prowers, pueblo	M&I, storage, env, rec, water quality, conservation / efficiency, multi-b
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SECWCD	bent, crowley, otero, prowers	M&I, water quality, conservation / efficiency, multi- b
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SECWCD	bent, chaffee, crowley, el paso, fremont, kiowa, otero, prowers, pueblo	M&I, storage, env, rec, water quality, conservation / efficiency, multi-b
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BLM	fremont	ag, env, water quality, watershed health, multi-b
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BLM	fremont	ag, env, water quality, watershed health, multi-b
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BLM fremont, park water quality, watershed
health

BLM fremont, park water quality, watershed
health

BLM fremont, park water quality, watershed
health

BLM fremont, park water quality, watershed
health

BLM fremont, park water quality, watershed
health

BLM

fremont,
chaffee

water quality, watershed
health

BLM

fremont, park

water quality, watershed
health

BLM

fremont, park

water quality, watershed
health

BLM

chaffee

water quality, watershed
health

BLM

fremont, park

water quality, watershed
health

BLM

fremont

water quality, watershed
health

BLM

fremont

water quality, watershed
health

BLM lake water quality, watershed health

BLM lake water quality, watershed health

BLM lake water quality, watershed health

BLM fremont ag, env, rec, water quality, watershed health, multi-b

CPW kiowa storage, env

CPW bent storage, env

Elbert County, USGS elbert

PWP las animas, otero, bent

PWP

las animas

Baca Ditch Co.

las animas

Pueblo Water

chaffee

Palmer Lake
Restoration 501(c)3

el paso

env, rec, water quality,
watershed health

Baca County,
Colorado Parks and
Wildlife, NRCS, Baca
County Conservation
District

baca

ag, rec, conservation /
efficiency

SECWCD

pueblo

M&I, conservation / efficiency

Colorado Parks and
Wildlife

fremont

Colorado Parks and
Wildlife

fremont, teller

Colorado Parks and
Wildlife

huerfano

Colorado Parks and
Wildlife

huerfano

Colorado Parks and
Wildlife

las animas

Colorado Parks and
Wildlife, City of Pueblo

pueblo

Need or Challenge	Description
<p>assess weatershed health for fire/flood mitigation and source water protection in the Chucharas basin</p>	<p>Design and construct specific watershed protection projects identified in 2014 collaborative watershed assessment.</p> <p>Three categories of watershed protection projects are identified as priority, including forest management units for fuels reduction and fuel break creation, roads, and stream crossings that could be problematic in post fire conditions, and potential locations for sediment control structures to protect water diversion, transportation, and storage facilities.</p>
<p>fish and wildlife preservation and enhancement</p>	<p>Winter flow augmentation during WWSP period.</p>
<p>fish and wildlife preservation and enhancement</p>	<p>Native fish habitat protection, riparian protection, Instream flow/maintenance of natural flow regime as opportunities allow.</p>
<p>fish and wildlife preservation and enhancement</p>	<p>Riparian protection/enhancement, instream flow appropriation, instream habitat improvement, land use protection.</p>
<p>fish and wildlife preservation and enhancement</p>	<p>Stream habitat improvement/bank stabilization.</p>
<p>fish and wildlife preservation and enhancement</p>	<p>Develop deep water aquifers pursuant to CPW decrees.</p>
<p>fish and wildlife preservation and enhancement</p>	<p>Instream flow filing and protection, flow stabilization, water management efficiency, instream habitat improvement, land use protection.</p>
<p>fish and wildlife preservation and enhancement</p>	<p>Flow enhancement and habitat/species protection for Grape Creek.</p>

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fish and wildlife preservation and enhancement. Maintain minimum pool elevation

Maintain 10,000 - 15,000 AF pool to support fishing and flat water boating on reservoir in cooperation with Colorado Parks.

use BMPs in management of gold planning/dredging

Reduce threats from recreational dredging operations to improve instream and riparian habitat for sport fishery by creating and managing additional public placer mining recreation sites, and through improved management of existing public placer mining recreation sites.

reconstruct existing diversion structure

Incorporate boat chute and fish ladder retrofit.

reconstruct existing diversion structure

Retrofit existing boat chute, fish ladder, and portage trail.

reconstruct existing diversion structure, infrastructure, water supply, recreation

Reconstruction of a water diversion structure with addition of a boat chute and fish ladder.

reconstruct existing diversion structure

Incorporate boat chute and fish ladder retrofit.

infrastructure, water supply, recreation. Reconstruct existing diversion structure.

Reconstruction of a water diversion structure with addition of a boat chute and fish ladder.

reconstruct existing diversion structure

Incorporate boat chute and fish ladder retrofit.

infrastructure, water supply, recreation. Reconstruct existing diversion structure.

The diversion for the ditch is old concrete and rocks that needs to be rebuilt yearly after high flows, and doesn't divert enough at low flows. To help increase diversions at low flows, ditch owners frequently go into the river with heavy equipment and try to plug holes in the structure using downstream river cobble. The south side of the river at the diversion is the Florence River Park that provides access to the river for recreational uses (fishing, boating, etc.), and the structure poses a safety hazard. The diversion is not boat friendly. Unstable banks are also present downstream of the structure for 0.17 miles.

construct boat chute, fish ladder, take-out, portage trail and put-in

Incorporate boat chute and fish ladder retrofit with take out, portage trail, and put in.

reconstruct existing diversion structure

Retrofit or replace existing diversion structure, boat chute, and fish ladder.

construct boat chute, fish ladder, take-out, portage trail and put-in

Incorporate boat chute and fish ladder retrofit with take out, portage trail, and put in.

construct put-in and take-out

Incorporate put in and take out.

fish and wildlife preservation and enhancement, water quality improvement

Improve stream habitat, greenback cutthroat trout population and habitat protection, reduce sedimentation from motorized trails, reduce likelihood of catastrophic wildfire in the basin. Only occurrence of pure greenback cutthroat trout population in Colorado. High wildfire occurrence adjacent to Colorado Springs. Past wildfires, such as Waldo Canyon, have severe impacts on public safety and infrastructure, including water delivery system. Forest conditions are also conducive to insect and disease outbreak.

fish and wildlife
preservation and
enhancement

Greenback cutthroat trout population and habitat protection.

fish and wildlife preservation
and enhancement

Southern red belly dace population and habitat protection,
instream flow protection, riparian protection, native fish
habitat protection, conservation easements on private lands.

fish and wildlife preservation
and enhancement

Arkansas darter population and habitat protection, instream
flow protection, riparian protection, fish passage (diversion
retrofit) remove, native fish habitat protection, conservation
easements on private lands.

fish and wildlife preservation
and enhancement

Instream flow protection, instream habitat enhancement,
riparian protection.

efficiency

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Improved efficiency of water storage and management in the
Skaguay Beaver Creek drainage, coordination of water
users, increase storage to decreed historical volume.

fish and wildlife preservation
and enhancement

Instream Flow Appropriation. Currently listed on CWCB
website for proposed appropriation in 2015.

fish and wildlife preservation
and enhancement

Instream flow appropriation.

fish and wildlife preservation and enhancement	Improved cutthroat trout habitat through Instream flow maintenance, instream habitat improvement, land use/stormwater (sedimentation) protection.
secure water and storage (owned) to supplement existing VFMP and add flexibility for management of water below Pueblo dam	Improve river flows below Pueblo Dam and exchange potential into Pueblo Reservoir, increase VFMP water use flexibility with exchange into upper Arkansas reservoirs. Stonewall Spring Quarry is an approximately 30,000 AF impoundment associated with the Excelsior Ditch (north bank) on the Arkansas River below the confluence with Fountain Creek. The mined out quarry can be used for water storage and may provide recreational and environmental amenities in Eastern Pueblo County.
fish and wildlife preservation and enhancement	Improved efficiency of water storage and management, valve replacement, dredging for sport fishing, waterfowl, shore birds, watchable wildlife.
fish and wildlife preservation and enhancement	Instream flow filing and protection, flow enhancement during low/no flow, water management coordination. Currently listed on CWCB website for proposed appropriation in 2015.
fish and wildlife preservation and enhancement	Flow and reservoir level protection for native fish, sport fish, plover/terns, waterfowl, fishing recreation and hunting.
fish and wildlife preservation and enhancement	Flow and reservoir level protection for native fish (downstream in Arkansas River), sport fish, plover/terns, waterfowl, fishing recreation and hunting.
water efficiency	Water delivery and transit efficiency to enhance riparian, sport fishery, shorebird and waterfowl, hunting, watchable wildlife.
fish and wildlife preservation and enhancement	Riparian protection and enhancement, stabilize reservoir water delivery and storage during breeding season (April 1 September 1).

fish and wildlife preservation and enhancement	Instream allow appropriation.
fish and wildlife preservation and enhancement	Preble's meadow jumping mouse (PMJM) habitat protection, riparian and land use protection, zoning, riparian enhancement.
fish and wildlife preservation and enhancement	Flow management and enhancement, improved native fish habitat.
fish and wildlife preservation and enhancement	Riparian protection, native fish habitat protection, fish passage (diversion retrofit), stormwater management.
fish and wildlife preservation and enhancement	Improved efficiency of water storage and management in the Four Mile Creek Arkansas River drainage, coordination of water users.
fish and wildlife preservation and enhancement	Flow and pond storage level protection for native fish, sport fish, waterfowl, fishing recreation and hunting.
fish and wildlife preservation and enhancement	Instream Flow Appropriation. Currently listed on CWCB website for proposed appropriation in 2015.
fish and wildlife preservation and enhancement	Extend existing instream flow appropriation.
support existing VFMP	Riparian protection, native fish habitat protection, fish passage (diversion retrofit as needed), recreation flows, maintenance of natural flow regimes including spring run off scouring/streambed maintenance as opportunities allow.

support existing VFMP

Continued support, cooperation and enhancement of the VFMP.

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secure water and storage (owned) to supplement existing VFMP

Acquire approximately 2,000 acre feet (AF) of additional storage in an enlarged Clear Creek Reservoir for VFMP flow and reservoir level enhancement, sport fish, water based recreation.

secure water and storage (leased and/or owned) to supplement existing VFMP

Acquire approximately 2,000 AF of storage and/or water in Turquoise Reservoir for VFMP flows and reservoir level enhancement, sport fish, water based recreation.

secure water and storage (owned) to supplement existing VFMP

Acquire approximately 2,000 AF of storage and/or water in Trout Creek Reservoir for VFMP flows and reservoir level enhancement, sport fish, water based recreation.

secure water and storage
(owned) to supplement
existing VFMP

Acquire approximately 2,000 AF of storage in a newly
constructed Box Creek Reservoir for VFMP flows and
reservoir level enhancement, sport fish, water based
recreation.

secure water and storage
(leased and/or owned) to
supplement existing VFMP

CPW continue to acquire approximately 1,000 AF of leased
water for VFMP.

secure water and storage
(owned) to supplement
existing VFMP

CPW to acquire approximately 2,000 AF of water rights for
VFMP.

secure water and storage (leased and/or owned) to supplement existing VFMP

CPW to work with AROA, PBWW, Aurora, CSU, to assist with the acquisition of water and storage rights for VFMP.

release of water by deweese dye ditch company is not appropriate for sustaining fishery

Timing problems, inappropriate amounts for release of water that goes down Grape Creek through the Grape Creek Wilderness Study Area to sustain the fishery. CPW has well established relationships with BLM and DeWeese Dye Ditch Co. that would aid in putting this storage space to additional uses.

water quality impacts from mine tailings (heavy metals)

Mine remediation through wetland treatment. Monitor water quality and clean up gulch using sulfate reducing bioreactor system near Leadville, Colorado. Colorado Mountain College, Kato Dee Project bioreactor system design.

meet future demand in pueblo board of water works service area with local water resources

Acquisition of shares in the Bessemer Irrigating Ditch Company (BIDCo) and Water Court approval of the change of use of those shares to add municipal use in Pueblo to the existing uses of irrigation and domestic.

restore and improve the riparian habitat of the purgatoire river for enhanced environmental and recreational benefits

Reaches 5 and 6 of the Purgatoire River, located in the Boulevard Addition Nature Park, are a continuation of a project that includes water quality testing, in stream habitat creation, river bank restoration, native plant revegetation, trail and ADA accessible platform construction, and/or fish stocking. The Boulevard Addition Nature Park, established by the City of Trinidad, has received funding from GOCO, State Trails, Fishing Is Fun, and CDOT for land acquisition, pedestrian bridge installation, trout habitat, and trail building, respectively.

restore 75 year old stock pond for regional park, non-potable water supply, stormwater functionality, and recreational and environmental use

The reservoir will be dredged, expanded, and the dam rebuilt. Wetlands will be restored.

past mountain pine beetle epidemic, urban interface, improve forest health conditions, improve rangeland and forage conditions, wildfire mitigation. WAPA power line mitigation

Westside of Ark. River, many tributaries to Arkansas River. Forest health issues, major mountain pine beetles past decade. Disperse recreation, road management, urban interface, Rx benefits, wildlife habitat improvement, range betterment. 19,500 acres. Ongoing for the past 13 years; 80% done for timber operations. Prescribed fire is 25% complete.

past mountain pine beetle epidemic, urban interface, improve forest health conditions, improve rangeland and forage conditions, wildfire mitigation.

Headwaters of Trout Creek that flows to Arkansas River. Forest health issues, major mountain pine beetles past decade. Disperse recreation, road management, urban interface, Rx benefits, wildlife habitat improvement, range betterment. Historic degraded watershed that has made major improvements. 14,742 acres. 75% complete on timber operation; 15% complete on prescribed fire operations.

past mountain pine beetle epidemic, urban interface, improve forest health conditions, improve rangeland and forage conditions, wildfire mitigation.

Headwaters to Badger Creek that flows to lower Arkansas River. Forest health issues, major mountain pine beetles past decade. Disperse recreation, road management, urban interface, Rx benefits, wildlife habitat improvement, range betterment. 7,200 acres. 80% complete of timber operations. No prescribed fire to date.

past mountain pine beetle epidemic, urban interface, improve forest health conditions, improve rangeland and forage conditions, wildfire mitigation.

Spruce Creek is a tributary to South Arkansas to Arkansas River. Forest health issues, major mountain pine beetles past decade. Road management, urban interface, Rx benefits, wildlife habitat improvement, range betterment. 500 acres. 60% of timber operation are complete. Fuel breaks are completed. No prescribed fire to date.

past mountain pine beetle epidemic, urban interface, improve forest health conditions, improve rangeland and forage conditions, wildfire mitigation.

Cree Creek flows to South Arkansas, then to Arkansas River. Forest health issues, major mountain pine beetles past decade. Road management, urban interface, Rx benefits, wildlife habitat improvement, disperse recreation. 1,372 acres. 10% of timber operations are complete. Fuel breaks are 90% complete.

improve wildlife habitat. Past mountain pine beetle epidemic, urban interface, improve forest health condition, improve rangeland and forage conditions, wildfire mitigation.

Major developed recreation site. Wildlife habitat enhancement through prescribed burning of ponderosa pine, sagebrush, and mountain mahogany will continue. Storage facility for Upper Ark Water. Forest health issues, major mountain pine beetles past decade. Road management, Rx benefits, wildlife habitat improvement, range betterment. 810 acres. Support from Habitat Partnership Program, CPW. Timber operations are complete. 75% of prescribed fire is complete.

past mountain pine beetle epidemic, urban interface, improve forest health conditions, improve rangeland and forage conditions, wildfire mitigation.

Silver Creek tributary to Poncha Creek to South Arkansas to Arkansas River. Sub division in drainage. High dispersed recreation use. Forest health issues, major mountain pine beetles past decade. Road management, urban interface, Rx benefits, wildlife habitat improvement, range betterment. 484 acres. All timber operations are complete.

past mountain pine beetle epidemic, urban interface, improve forest health conditions, improve rangeland and forage conditions, wildfire mitigation.

Midstream of Fourmile Creek, flows to Arkansas River. Forest health issues, major mountain pine beetles past decade. Road management, urban interface, Rx benefits, wildlife habitat improvement, range betterment. 1,050 acres. 80% of timber operations are complete. Fuel breaks are completed.

salvage operations in lodgepole pine, improve forest health conditions, reduce fuel loadings

Headwaters of Willow Creek, flows to South Arkansas, then to Arkansas River. Major wind event in 2012 in Lodgepole pine. Salvage and regeneration cuts. Potential spruce beetle outbreaks. 100 acres. Project is 10% complete.

past mountain pine beetle epidemic, urban interface, improve forest health conditions, improve rangeland and forage conditions, wildfire mitigation. Tristate power line mitigation.

Along Poncha and Silver Creeks that flows to South Arkansas, then to Arkansas River. Major disperse recreation on Poncha and Silver Creeks. Riparian management, vegetation management above stream to benefit forest health. Range betterment, wildlife habitat, Rx management. Urban Interface issues. 2,400 acres. NEPA is scheduled to be completed June 2015.

wildfire mitigation, improve forest health.

Box Creek to Arkansas River. Forest health issues including dwarf mistletoe and small pockets of mountain pine beetle. Dispersed recreation. Vegetation management has been active and includes timber sales, post and pole and fuelwood. 2,330 acres.

protect municipal water sources, wildfire mitigation, improve forest health

Headwaters to the Arkansas River. Many tributaries including West Tennessee Creek, East Tennessee Creek, Halfmoon Creek, Long's Gulch. Project includes forest health issues (dwarf mistletoe and potential mountain pine beetle), wildland urban interface, and watershed protection. Other issues include developed recreation, dispersed recreation, wildlife habitat improvement, prescribed fire benefits, and watershed improvement. Implementation is scheduled to begin 2015. 16,450 acres.

protect municipal water sources, wildfire mitigation, improve forest health

Located adjacent to Twin Lakes, tributary includes Lake Creek to Arkansas River. Forest health issues (mainly mountain pine beetle, but some dwarf mistletoe) and watershed protection. Other issues include developed recreation (trails) and dispersed recreation. Vegetation management includes timber sales and fuelwood. Prescribed fire activity will occur once timber sales are complete. 250 acres.

protect municipal water sources, wildfire mitigation, improve forest health

Headwaters of St. Charles and water sources from Rye to Beulah. Last vegetation management – timber sales (ongoing). Currently infested with spruce and ips beetles. Heavy recreation area, good timber sale opportunities. High elevation so fire load in the area is moderate at most. 10,000 acres.

highest density of urban interface for the district. Improve protection of beulah's municipal water source and the st. charles watershed, improve forest health, municipal water distribution lines (san isabel electric)

Water flows from this area affect Beulah and St. Charles Drainage. Last vegetation management – small timber sales (25 years). Due to steep country along the east side of the wet mountains, without this fuel break along the HUC 6 boundary, the area from Rye to Wetmore could be burned with one large fire. Heavy recreation area, power lines are in non defensible areas; these supply power to most areas along Hwy 165 from Hwy 96 (north end) to Lake Isabel. Large fuelwood market, mechanical, and prescribed fire opportunities. 11,000 acre Mason Gulch Fire within 10 miles of project area. Heavy fire load in this area. 1,200 acres.

improve wildlife habitat.
Past mountain pine beetle epidemic, urban interface, improve forest health condition, improve rangeland and forage conditions, wildfire mitigation.

Headwaters of Trout Creek that flows to Arkansas River. Wildlife habitat improvement specific to bighorn sheep. Historic degraded watershed that has made major improvements. Support from HPP, Rocky Mountain Bighorn Society, Rocky Mt. Elk Foundation and Resource Advisory Committee (RAC). 300 acres.

protect boreal toad habitat

Continue with the trail relocation away from an existing boreal toad breeding site within the Wilderness Area, Fourmile Creek, which feeds into the Arkansas River. Partnership with VOC, RAC, CPW Wetlands Funding (application filed), Friends of Fourmile. 10 acres.

water quality, water storage

Meeting with CPW and CDOT to reduce the amount of sediment reaching the South Arkansas River along Highway 50. 2 acres.

wildlife and range habitat improvement

In the process of meeting with Regional Office Fisheries Biologist, CPW, and CDOT to mitigate highway widening in the area along Highway 285/24. Process will likely include wetland mitigation at the Susan's purse making caddisfly site, which is a local endemic known from only two sites. 1 acre.

improve elk winter range habitat; improve riparian health

Lake creek through Twin Lakes to the Arkansas River. Continue to implement prescribed burns to diversify riparian systems and stimulate vegetative growth in the floodplains of Twin Lakes. Directly adjacent to the town of Twin lakes, dispersed recreation, big game winter range. 30 200 acres.

state and EPA impaired water

Grape creek and its tributaries that flow into Lake DeWeese Reservoir. Project area is approximately 273,000 acres. This Initiative is to reduce any agriculture non point source pollution into Lake DeWeese. CDPHE will be doing the monitoring by four sample sites out of Grape Creek. All in order to increase the dissolved oxygen levels in Lake DeWeese Reservoir.

sedimentation, public safety

Seed, plant trees, erosion control features, install and maintain sedimentation basins.

high wildfire occurrence adjacent to colorado springs, air force academy, and tri-lakes area. Past wildfires, such as waldo canyon, have severe impacts on public safety, and infrastructure including water delivery system. Forest conditions are also conducive to insect and disease outbreak.

Restore the forest and reduce the severity of future wildfires by thinning the forest and using prescribed fire. Project area is 70,000 acres with treatments being planned for approximately 25,000 acres. Done in collaboration with the Front Range Roundtable, and the PSICC's Front Range Collaborative Forest Land Restoration Project.

high wildfire occurrence adjacent to colorado springs. Past wildfires, such as waldo canyon, have severe impacts on public safety, and infrastructure including water delivery system. Forest conditions are also cond

Restore the forest and reduce the severity of future wildfires by thinning the forest and using prescribed fire. Done in collaboration with CSU and CSFS. Additional analysis is needed to identify and approve projects within the roadless areas on Pikes Peak.

improve fisheries, including reduction of sedimentation

CPW is funding and leading an instream fisheries habitat project for approximately 1 mile of stream along Halfmoon Creek. Project implementation in 2015.

address watershed health risks

Formation of a basin wide collaborative to address watershed health risks and protection of water supply and quality.

address watershed health risks

Basin wide strategic watershed plan including projects, programs, and processes to mitigate watershed health risks.

wetland and riparian protection

Rehabilitate poor riparian and water quality/quantity conditions in the Purgatoire Watershed, through the removal and control of invasive tamarisk and Russian olive, in order to improve riparian lands and associated landscapes. This is a continuation of the Tackling Tamarisk on the Purgatoire project.

wetland and riparian protection, water quality

Rehabilitate poor riparian and water quality conditions in the Purgatoire Watershed, in Minnie Canyon area to improve riparian lands and associated landscapes of the Purgatoire Watershed through the removal and control of the invasive plants and reduce livestock grazing to improve water quality.

maintain, protect, and improve the ecological integrity of the Purgatoire river watershed (PRW).
Invasive plant management.

PRW is one of Colorado's most ecologically intact watersheds. Encroachment of non native invasive plants is a major threat. Tamarisk and Russian olive have invaded over 11,000 acres. Goals: (1) maintain, improve, and protect the ecological integrity of the Purgatoire Watershed; (2) provide long term sustainability and stewardship of the project by providing support and the capacity for potential creation of a watershed weed management cooperative (WWMC). Objectives: (1) apply IPM strategies to control priority non native, invasive plant species; (2) apply BMPs to maintain and improve native vegetative cover at treatment sites; (3) conduct annual educational/outreach activities to increase public awareness and support of watershed health; and (4) Develop a watershed weed management plan.

develop comprehensive, regionally collaborative approach to identify, prioritize, and implement projects to address food impacts from Waldo Canyon post-fire conditions and 2013 floods

Assess flood impacts to Upper Fountain and Cheyenne Creek stream corridors and develop conceptual plans for mitigation of flooding and sedimentation, as well as the overall restoration of the corridors.

develop comprehensive, regionally collaborative approach to identify, prioritize, and implement projects to address food impacts from Waldo Canyon and Black Forest post-fire conditions and 2013 floods

Assess flood impacts to Monument Creek stream corridors and develop conceptual plans for mitigation of flooding and sedimentation, as well as the overall restoration of the corridors.

provide technical, financial, and policy support to local water providers and water conservancy districts to improve water use efficiency and support water conservation in the basin.

Includes data collection, plan updating, reporting, outreach to partners, and funding development.

provide mechanism to address public water supply quality impacts on reliable potable water supply

The working group will develop solutions for protecting local water supplies in an efficient, consistent, pragmatic manner.

conduct strategic level planning to evaluate infrastructure and policy needs for local and regional water conservation and municipal water use efficiency

Projects include creating new and updating old water conservation plans for any covered entity (as defined by statute) and for any interested water provider or water conservancy district interested in developing a business case for implementation of water conservation and water use efficiency.

general watershed health

Fuels reduction treatments, riparian recovery/construct water source/better livestock distribution, trail redesign based on erosion and sensitive plants.

general watershed health

Fuels reduction treatment, riparian recovery/construct water source.

general watershed health Initial mechanical treatments occurred in the 1990s in the Deer Haven area. Multiple entries have been made with both mechanical and prescribed fire methods. Maintenance of these project areas is important and can be achieved with the use of prescribed fire. Areas have been identified in these areas as high priority areas for mechanical treatment and fuels reduction projects.

-

general watershed health This project is identified in the Four Mile Currant Creek CWPP. The project area is located west of Guffey, Colorado, along Colorado State Hwy 9. Shaded fuel breaks would be constructed strategically along Hwy 9.

general watershed health Forest treatments will improve forest health, reduce chances of a severe crown fire, restore tree and understory biomass ratio. A combination of commercial timber sales, stewardship projects, firewood harvesting areas, inmate labor and/or contract labor would be used to thin approximately 150 acres of dense forests. Commercial sales, stewardship projects and public firewood areas would be located where access and terrain allow. Project generated slash will be treated through prescribed fire within 1 to 2 years after thinning.

general watershed health A complete fence maintenance overhaul will be needed to secure fences that have allowed for riparian recovery. Some of these fences are greater than 20 years old. Public use around the fences has grown and gates, walk throughs, etc. are needed in addition to structural strengthening.

general watershed health Water source improvement and development. It is anticipated that there would be a need for water development work within the Badger Creek Watershed to enhance better livestock grazing management and benefit wildlife and their associated habitats. Work would entail development of two new water developments and reconstruction of two existing water developments.

general watershed health

Water source improvement and development. This project would consist of water development work on various grazing allotments to enhance better livestock grazing management. Work would entail new development and reconstruction of three to six water developments. This project includes partners who have shown interest in financial assistance toward this project. They include Sangre De Cristo Habitat Partnership Program Committee, Arkansas River Habitat Partnership Program Committee, Colorado Parks and Wildlife, Natural Resource Conservation Service, Colorado State Land Board, and the Front Range District Board of Grazing Advisors. In kind contributions toward labor would be available through using inmate labor crews and grazing permittees.

general watershed health

The Wellsville (150 acres) vegetation treatment project will improve bighorn sheep habitat by removing late seral stage piñon and juniper, and open up new habitat by removing large expanses of piñon and juniper that sheep would otherwise not use. Project work would be completed by hand crews using chainsaws with cut material being lopped and scattered. While the primary objective is to improve sheep habitat, opening the forest canopy will have additional benefits. Secondary benefits include, but are not limited to, increasing mule deer and elk browse and forage, and increasing microfauna (small mammals, migratory birds, etc.) richness by creating diversity in forest structure.

general watershed health

Sweetwater (150 acres) vegetation treatment. The Sweetwater Treatment area is similar to the Wellsville project area in earlier years. Project work would be completed by hand crews using chainsaws with cut material being lopped and scattered. The primary objective is to open the forest, improving mule deer and elk browse and forage, and increasing microfauna (small mammals, migratory birds, etc.) richness by creating diversity in forest structure.

general watershed health Dead Goat Gulch (120 acres) vegetation treatment. This treatment is similar to the Sweetwater and the Wellsville project areas. Project work would be completed by hand crews using chainsaws with cut material being lopped and scattered. The primary objective is to open the forest, improving mule deer and elk browse and forage, and increasing microfauna (small mammals, migratory birds, etc.) richness by creating diversity in forest structure.

general watershed health The Frenchman Creek project objectives are to improve forest health by reducing the forest tree densities, maintain and increase forest age class diversity, and improve wildlife habitat and understory plant species vigor. Treatment activity will be completed with chainsaws, skidders, log trucks, log loaders and/or trailers on slopes less than 35%.

general watershed health Implementation of vegetative treatment projects within the watershed. Additional vegetative treatments, possibly beyond those identified in the Southwest Cañon City CWPP in the Dawson Ranch Area, would be conducted on 200 acres of forested lands using mechanical methods. Other vegetation treatments (200 acres) would be beneficial in the Grand Canyon Hills area.

general watershed health This project includes mechanical treatment of 80 acres in areas that have been identified for hazardous fuels reduction in the Lake County CWPP.

general watershed health	This project is a mechanical thinning for forest health, fuels reduction, and wildlife habitat enhancement.
bedload, sediment general watershed health	The Sherman Mine sits almost at 11,000 feet in elevation at the top of Lewis Gulch above the town of Leadville, CO. The Paddock treatment, located adjacent to the Paddock State Wildlife Area, will mechanically treat small diameter
sedimentation, recreational, fisheries	Rebuild diversion, habitat and recreational improvements.
lack of water for habitat for threatened and endangered species	Ongoing purchase of water rights to support least tern and piping plover habitat in reservoirs.
wetland restoration	Partnering with Fort Lyons with water rights and wetlands restoration project.
address nonrenewable water supply dependency in elbert county	Better water management and development regulations for counties dependent on aquifers. Funding has been received.
increase awareness and stewardship of the local watershed to achieve improvement in its overall health	Implement environmental education and watershed curriculum. Provide participants with a better understanding of their watershed, local resources and conservation, through a variety of programs, in order to encourage environmental ownership, lifelong awareness and conscientious leadership.

improve ditch safety, water flow, and access	Repair gates and inlets to improve safety and water flow; install wall and regROUT rip rap to maintain integrity of headgate and other structures; install access ladder and security fence to improve safety issues; improve trash flow away from dam.
maintain integrity of historic structure	- Address integrity of ditch structure that carries water to 30 50 users. Prevent streambed erosion by stabilizing retention materials and install protection structure below siphon to prevent flash flood damage.

additional water storage capacity for M&I, ag, rec, in the upper arkansas river basin

Raise the existing Clear Creek Dam by as much as 36' to add 18,500 AF of additional storage capacity.

palmer lake was historically a full lake but is currently dry. Water needs to be restored

A Jackson photo of Palmer Lake in 1874 shows that it is a natural lake, probably spring fed. The project will restore the original configuration of the lake and keep it full.

head gates have failed for decades

Head gates at Two Buttes Reservoir are part of the original Two Buttes Irrigation Company and are leaking several hundred gallons per minute. They need to be replaced.

in 2011, reclamation published a request in the federal register for proposals for hydropower generation at the pueblo dam river outlet

The proposed 7.0 megawatt (MW) facility would be located on the Pueblo Dam River Outlet (Dam). A powerhouse would be located at the downstream end of the existing outlet works that supplies water to the Arkansas River and would use the Dam's authorized released to generate an annual average 18.6 million kilowatt hours (kWh) and approximately \$1,000,000 in average revenue per year. The project's total capital cost is estimated to be \$19.7 million, which will be provided by low interest hydroelectric project financing available through the Colorado Water Conservation Board.

provide flows in beaver creek

Instream flow project for Beaver Creek from the confluence of East and West Beaver Creeks to the confluence at Patton Canyon.

provide flows in west beaver

Instream flow project for West Beaver Creek from the confluence at Douglas Gulch to the confluence at East Beaver Creek.

provide flows in baker creek

Instream flow project for Baker Creek from the headwaters to US Forest Service boundary.

provide flows in bonnett creek

Instream flow project for Bonnett Creek from the headwaters to US Forest Service boundary.

provide flows in apishapa river

Instream flow project for Apishapa River from the headwaters to the confluence at Herlick Canyon Creek.

provide flows in the arkansas
river

Instream flow project for Arkansas River from the outlet of
the fish hatchery to the confluence at Fountain Creek.

Solution	Plan of Action	Status	Water security
Collaboratively developed plan.	CWCB grant in to assist in 2015.		NO
Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.		YES
Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.		YES
Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.		YES
Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.		YES
Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.		YES
Challenge is water availability. Solution could be purchase of water rights.	Some water is being sourced from BLM but more is needed.		YES
Challenge is water availability. Solution could be purchase of water rights.	Some water is being sourced from BLM but more is needed.		YES

<p>Challenges are water availability (Transmountain water is the only currently approved significant source eligible for storage in the PP), transit loss issues, and funding for water leases. Solution could be approval and acquisition of additional sources of water.</p>	<p>A stream gauge flume project for CPW's Muddy Creek water rights has been funded and is in design stage. CPW has leased 3,000 AF of Transmountain water in 2015. CPW is in discussions with ARCA, Kansas, state officials, and water users to obtain approval of additional sources.</p>	<p>YES</p>
<p>Challenges are water availability and management restrictions for recreational mining activities at Cache Creek.</p>	<p>Management alternatives are being addressed in public meetings with BLM currently for Cache Creek area.</p>	<p>NO</p>
<p>Challenge is funding for project. Solution could be grants from Roundtable and/or other sources.</p>	<p>Continue seeking suitable funding sources.</p>	<p>NO</p>
<p>CPW has provided funding to complete this project.</p>	<p>CPW will complete this project in 2015.</p>	<p>NO</p>
<p>Challenge is funding for project. Solution could be grants from Roundtable and/or other sources.</p>	<p>Continue seeking suitable funding sources.</p>	<p>NO</p>
<p>Challenge is funding for project. Solution could be grants from Roundtable and/or other sources.</p>	<p>Continue seeking suitable funding sources.</p>	<p>NO</p>
<p>Challenge is funding for project. Solution could be grants from Roundtable and/or other sources.</p>	<p>Continue seeking suitable funding sources.</p>	<p>NO</p>

Challenge is funding for project. Solution could be grants from Roundtable and/or other sources.

Continue seeking suitable funding sources.

NO

Challenge is funding for project. Solution could be grants from Roundtable and/or other sources.

Seek suitable funding sources.

NO

Challenge is funding for project. Solution could be grants from Roundtable and or other sources.

Seek suitable funding sources.

NO

Challenge is funding for project. Solution could be grants from Roundtable and/or other sources.

Continue seeking suitable funding sources.

NO

Challenge is funding for project. Solution could be grants from Roundtable and/or other sources.

Continue seeking suitable funding sources.

NO

Challenge is funding for project. Solution could be grants from Roundtable and/or other sources.

Continue seeking suitable funding sources.

NO

Challenge is funding for project. Solution could be grants from Roundtable.

Continue seeking suitable funding sources.

NO

Challenge is funding for project. Solution could be grants from Roundtable.	Continue seeking suitable funding sources.	NO
Challenge is funding for project. Solution could be grants from Roundtable.	Continue seeking suitable funding sources.	NO
Challenge is funding for project. Solution could be grants from Roundtable.	Continue seeking suitable funding sources.	NO
Challenge is timing of appropriation.	Continue with planning for 2015 water right appropriation through CWCB and CPW staff.	NO
Challenges are being addressed by Phase 1 project that is funded and is in design phase in 2015. This will provide better water management of the current capacity. Phase 2 project for increasing capacity to decreed volume is currently being planned for.	Continue seeking suitable funding sources from identified stakeholders.	NO
Challenge is timing of appropriation.	Continue with planning for 2015 water right appropriation through CWCB and CPW staff.	YES
Challenge is timing of appropriation.	Continue with planning for 2015 water right appropriation through CWCB and CPW staff.	YES

Challenge is funding for project.

Continue seeking suitable funding sources.

NO

Challenge is funding for project. Solution could be grants from Roundtable and/or other sources.

Project is currently in negotiations with private owners, and in internal CPW discussions regarding potential funding sources.

NO

Challenge is funding for project. Solution could be grants from Roundtable.

CPW heavy equipment operator is scheduled for several tasks in 2015.

YES

Challenge is timing of appropriation.

Continue with planning for 2015 water right appropriation through CWCB and CPW staff.

YES

Challenge is water availability. Solution could be purchase of water rights.

Continue working with stakeholders to secure adequate water when needed.

YES

Challenge is water availability. Solution could be purchase of water rights.

Continue working with stakeholders to secure adequate water when needed.

YES

Challenge is water availability. Solution could be purchase of water rights.

Continue working with stakeholders to secure adequate water when needed.

YES

Challenge is water availability. Solution could be purchase of water rights.

Continue working with stakeholders to secure adequate water when needed.

YES

Challenge is timing of appropriation.	Continue with planning for water right appropriation through CWCB and CPW staff.	YES
Challenge is funding for project.	Continue seeking suitable funding sources.	NO
Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed	YES
Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	YES
Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	YES
Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	YES
Challenge is timing of appropriation.	Continue with planning for 2015 water right appropriation through CWCB and CPW staff.	YES
Challenge is timing of appropriation.	Continue with planning for water right appropriation through CWCB and CPW staff.	YES
Challenge is funding for project and continued cooperation and support by all parties currently involved in the successful implementation of the VFMP. Solution could be grants from Roundtable and renew VFMP agreement when needed.	Continue working with stakeholders to secure adequate funding as needed and renew VFMP agreement when needed.	YES

Challenge is water availability and funding to acquire and store adequate sources at the time needed. Solution could be purchase of water rights as well as renewal of the VFMP agreement.

Challenge is funding for project and continued cooperation and support by all parties currently involved in the planning for the project. Solution could be grants from Roundtable and/or other sources.

Challenge is funding for project and continued cooperation and support by all parties currently involved in the planning for the project. Solution could be grants from Roundtable and/or other sources.

Challenge is funding for project and continued cooperation and support by all parties currently involved in the planning for the project. Solution could be grants from Roundtable and/or other sources.

Continue working with stakeholders to secure adequate water when needed and renew VFMP agreement when needed.

Continue working with stakeholders in the planning process and secure adequate funding as needed.

Continue working with stakeholders in the planning process and secure adequate funding as needed.

Continue working with stakeholders in the planning process and secure adequate funding as needed.

YES

YES

YES

YES

Challenge is funding for project and continued cooperation and support by all parties currently involved in the planning for the project. Solution could be grants from Roundtable and/or other sources.

Continue working with stakeholders in the planning process and secure adequate funding as needed.

YES

Challenge is water availability and funding to acquire and store adequate sources at the time needed and support by all parties currently involved in the successful implementation of the VFMP. Solution could be purchase of water rights.

Continue working with stakeholders to secure adequate funding as needed and renew VFMP agreement when needed.

YES

Challenge is water availability and funding to acquire and store adequate sources at the time needed and support by all parties currently involved in the successful implementation of the VFMP. Solution could be purchase of water rights.

Continue working with stakeholders to secure adequate water when needed and renew VFMP agreement when needed.

YES

Challenge is water availability and funding to acquire and store adequate sources at the time needed and support by all parties currently involved in the successful implementation of the VFMP. Solution could be purchase of water rights.

Continue working with stakeholders to secure adequate water when needed and renew VFMP agreement when needed.

NO

Working with DeWeese Dye Ditch Company and UAWCD to look at possible operating changes that would allow release of water in a timely manner.

Working with UAWCD engineer to do independent analysis of storage and storage rights.

NO

Improve water quality by removing heavy metals with bioreactor.

Continue testing of bioreactors to determine if functioning properly.

NO

5540 BIDCo shares will be available for municipal use in Pueblo as needed for growth and drought response.

Develop plan to protect other BIDCo shareholders, apply to Water Court for change of use, and apply for Pueblo County 1041 permit.

YES

Installation of trout habitat structures and recreational access.

Reaches 3 and 4 have been completed. Complete Phase III of project.

NO

Engage qualified parties to develop plans, cost estimate, and schedule in collaboration with stakeholders.	Develop and implement scope of work.	NO
Improve water quality, maintain water storage capabilities, reduce impacts of insect and disease infestation and reduce impact of wildfire on WUI.	Analysis complete, individual projects can be ready to implement within 6 months of receipt of funds.	NO
Improve water quality, maintain water storage capabilities, reduce impacts of insect and disease infestation and reduce impact of wildfire on WUI.	Analysis complete, individual projects can be ready to implement within 6 months of receipt of funds.	NO
Improve water quality, maintain water storage capabilities, reduce impacts of insect and disease infestation and reduce impact of wildfire on WUI.	Analysis complete, individual projects can be ready to implement within 6 months of receipt of funds.	NO
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Analysis complete, individual projects can be ready to implement within 6 months of receipt of funds.

NO

Improve water quality, maintain water storage capabilities, reduce impacts of insect and disease infestation and reduce impact of wildfire on WUI.

NEPA Underway and will be ready to implement in 2016.

NO

Improve water quality, maintain water storage capabilities, reduce impacts of insect and disease infestation and reduce impact of wildfire on WUI.

Analysis complete, individual projects can be ready to implement within 6 months of receipt of funds.

NO

Improve water quality, maintain water storage capabilities, reduce impacts of insect and disease infestation and reduce impact of wildfire on WUI.

Analysis complete, individual projects can be ready to implement within 6 months of receipt of funds.

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Analysis complete, individual projects can be ready to implement within 6 months of receipt of funds.

NO

Improve water quality, maintain water storage capabilities, reduce impacts of insect and disease infestation and reduce impact of wildfire on WUI.

Analysis complete, individual projects can be ready to implement within 6 months of receipt of funds.

NO

Improve water quality, maintain water storage capabilities, reduce impacts of insect and disease infestation and reduce impact of wildfire on WUI.

Analysis complete, individual projects can be ready to implement within 6 months of receipt of funds.

NO

Improve water quality, reduce negative impact from wildfire, improve wildlife habitat.

Analysis complete, individual projects can be ready to implement within 6 months of receipt of funds.

NO

Improve water quality, improve riparian and wetland conditions, improve wildlife habitat.

Analysis complete, individual projects can be ready to implement within 6 months of receipt of funds.

NO

Improve water quality.

Analysis complete, individual projects can be ready to implement within 6 months of receipt of funds.

NO

Wetland mitigation and improve water quality.

Improve water quality, maintain water storage capabilities, reduce impacts of insect and disease infestation and reduce impact of wildfire on WUI.

NO

Improve water quality, improve riparian and wetland conditions, improve wildlife habitat.

Analysis complete, individual projects can be ready to implement within 6 months of receipt of funds.

NO

Improve water quality.

Analysis complete, individual projects can be ready to implement within 6 months of receipt of funds.

NO

Continue sediment reduction projects.

Analysis complete, individual projects can be ready to implement within 6 months of receipt of funds.

NO

<p>Improve water quality, maintain water storage capabilities, reduce impacts of insect and disease infestation and reduce impact of wildfire on WUI.</p>	<p>NEPA underway and will be ready to implement in 2017.</p>	<p>NO</p>
<p>Improve water quality, maintain water storage capabilities, reduce impacts of insect and disease infestation and reduce impact of wildfire on WUI.</p>	<p>Analysis complete for a portion of the area. Additional analysis is needed. Individual projects can be ready to implement within 6 months of receipt of funds.</p>	<p>NO</p>
<p>Improve fisheries habitat.</p>	<p>Analysis complete, individual projects can be ready to implement within 6 months of receipt of funds.</p>	<p>NO</p>
<p>Increase collaboration.</p>	<p>CWCB grant has been approved to hire a coordinator.</p>	<p>NO</p>
<p>Increase basin wide, prioritized projects.</p>	<p>CWCB grant has been approved to hire a coordinator.</p>	<p>NO</p>
<p>Remove invasives and stabilize banks.</p>	<p>Acquire funding to expand Phase II of TTP. CWCB grant in to assist in 2016.</p>	<p>NO</p>
<p>Remove invasives and stabilize banks.</p>	<p>CWCB grant in to assist in 2017.</p>	<p>NO</p>

Implement watershed level weed management practices.

Complete 200 additional acres of Russian olive/tamarisk removal by 2017 under current funding. The current treatment area is from Trinidad Reservoir to where Hwy 350 crosses over the Purgatoire River. Apply for grant funding as opportunities arise.

NO

Develop stakeholder participation in master planning process, implement technical analysis of existing conditions, and develop alternatives for projects to address flooding impacts and increase stream corridor resiliency.

CDBG DR grant awarded. Coalition of stakeholders created; technical analysis (H&H, etc.) underway; project identification, prioritization and conceptual design upcoming.

NO

Develop stakeholder participation in master planning process, implement technical analysis of existing conditions, and develop alternatives for projects to address flooding impacts and increase stream corridor resiliency.

CDBG DR planning grant pending. Coalition of stakeholders created; technical analysis (H&H, etc.) planned; project identification, prioritization and conceptual design planned.

NO

Implement District's Approved Regional Water Conservation Plan.	Implement current scope of work.	NO
Create working group that will develop local and regional solutions.	Implement current scope of work.	NO
Conduct and implement local and regional water conservation planning.	Implement current scope of work and develop additional scope of work.	NO
Reduce overstocked forest conditions that are leading to a decrease in herbaceous vegetation and increased fire severity. Improve upland and riparian function resulting in improved water quality.	Use mechanical or other forest treatments to improve upland health. Implement BMPs for upland and riparian management.	NO
Reduce overstocked forest conditions that are leading to a decrease in herbaceous vegetation and increased fire severity. Improve upland and riparian function resulting in improved water quality.	Use mechanical or other forest treatments to improve upland health. Implement BMPs for upland and riparian management.	NO

Reduce overstocked forest conditions that are leading to a decrease in herbaceous vegetation and increased fire severity.

Use mechanical or other forest treatments (Rx Fire) to improve upland health. Implement BMPs for upland and riparian management.

NO

Reduce overstocked forest conditions that are leading to a decrease in herbaceous vegetation and increased fire severity.

Work with communities to improve forest health reduce risk of catastrophic fire.

NO

Reduce overstocked forest conditions that are leading to a decrease in herbaceous vegetation and increased fire severity. Improve upland and riparian function resulting in improved water quality.

Use mechanical or other forest treatments to improve upland health. Implement BMPs for upland and riparian management.

NO

Additional water developments, strengthen existing grazing exclosures, work with state land board to implement seamless grazing rotation.

Recruit fence crews and work with partners.

NO

Develop additional water sources for better livestock distribution resulting in improved riparian management and water quality.

Work with partners to identify potential sources and construct water sources.

NO

Develop additional water sources for better livestock distribution resulting in improved riparian management and water quality.

Work with partners to identify potential sources and construct water sources.

NO

Reduce overstocked forest conditions that are leading to a decrease in herbaceous vegetation and increased fire severity. Improve upland and riparian function resulting in improved water quality.

Use mechanical or other forest treatments to improve upland health. Implement BMPs for upland and riparian management.

NO

Reduce overstocked forest conditions that are leading to a decrease in herbaceous vegetation and increased fire severity. Improve upland and riparian function resulting in improved water quality.

Use mechanical or other forest treatments to improve upland health. Implement BMPs for upland and riparian management.

NO

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Use mechanical or other forest treatments to improve upland health. Implement BMPs for upland and riparian management.

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Use mechanical or other forest treatments to improve upland health. Implement BMPs for upland and riparian management.

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Work with communities to improve forest health reduce risk of catastrophic fire.

NO

Reduce overstocked forest conditions that are leading to a decrease in herbaceous vegetation and increased fire severity.

Work with communities to improve forest health reduce risk of catastrophic fire.

NO

Reduce overstocked forest conditions that are leading to a decrease in herbaceous vegetation and increased fire severity. Improve upland and riparian function resulting in improved water quality.

Use mechanical or other forest treatments to improve upland health. Implement BMPs for upland and riparian management.

NO

Stabilize channel and reduce downstream forest conditions that

Work with partners to design and implement Use mechanical or other forest treatments to

NO

Rebuild diversion and stabilize river, resulting in better water delivery to the Lester Attebery ditch and improving public safety, recreation, and habitat.

Continue working with partners on the final design of the structure. Look at further habitat and recreational improvements to the river for future projects.

NO

Purchase additional water rights.

Determine funding and conveyance approach.

YES

Purchase additional water rights.

Determine funding and conveyance approach.

YES

Sustainability monitoring and water management

Implement scope of work.

NO

Implement engaging and hands on educational programs for youth and the public.

Phase I (curriculum development and planning programs) is being implemented. Phase II (conducting programs) has begun. Acquire funding to develop all program goals and expand program.

NO

Repair and install headgate and associated structures.	Scope of work is complete. Acquire funding to implement planned improvements.	NO
Implement stabilization treatments.	Scope of work is complete. Acquire funding to implement planned improvements.	NO
Expansion of existing dam and reservoir provides new water storage capacity at a reasonable cost and with less impact than a new dam.	Prosecute pending Water Court application (Case No. 04CW130), land acquisition, environmental permitting, apply for Chaffee County 1041 permit, and construction design.	NO
Restore water to the lake.	Develop a project scope of work that includes restoration to historic configuration. Soil testing, removal of sediment, and coordination with Department of Natural Resources agencies.	NO
Replace original headgates on Two Buttes Dam.	Colorado Parks and Wildlife has had plans to replace for years. May need to wait until water is below Coffey Dam.	NO

<p>The Hydroelectric plant would generate an annual average 18.6 million kilowatt hours (kWh) and approximately \$1,000,000 in average revenue per year.</p>	<p>Based on a proposal and evaluation process, a partnership consisting of the Southeastern Colorado Water Conservancy District, the Board of Water Works of Pueblo, and Colorado Springs Utilities was issued a Preliminary Permit to plan and study the Pueblo Dam Hydroelectric Project.</p>	<p>NO</p>
<p>Colorado Water Conservation Board exercises its statutory authority to establish in stream flow water right.</p>	<p>Follow statutory process including public testimony and water court filing.</p>	<p>YES</p>
<p>Colorado Water Conservation Board exercises its statutory authority to establish in stream flow water right.</p>	<p>Follow statutory process including public testimony and water court filing.</p>	<p>YES</p>
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Colorado Water Conservation Board exercises its statutory authority to establish in stream flow water right.

Follow statutory process including public testimony and water court filing.

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not enough information;
assumption based on
"water rights"

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YES	NO	NO	not enough information; assumption based on man-made reservoir improvement
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YES	NO	NO	not enough information; assumption based on man-made infrastructure
YES	NO	NO	not enough information; assumption based on man-made infrastructure

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assumption based on
man-made
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