

County(s)	Project Title	Project Proponent	Need or Challenge	Project Description	Solution	Plan of Action	Project Classification	Arkansas Basin ID
Baca	Two Buttes Creek Management	CPW	Fish and wildlife preservation and enhancement.	Improved efficiency of water storage and management, valve replacement, dredging for sport fishing, waterfowl, shore birds, watchable wildlife.	Challenge is funding for project. Solution could be grants from Roundtable.	CPW heavy equipment operator is scheduled for several tasks in 2015.	IPP	ARK-2015-0045
Baca	Watershed Health Collaborative	ABRT	Address watershed health risks.	Formation of a basin-wide collaborative to address watershed health risks and protection of water supply and quality.	Increase collaboration.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0224
Baca	Watershed Health Strategic Plan	ABRT	Address watershed health risks.	Basin-wide strategic watershed plan including projects, programs, and processes to mitigate watershed health risks.	Increase basin-wide, prioritized projects.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0225
Baca	Rehabilitation of Dams	LAVWCD and others	Deferred maintenance on dams.	Dams in the state have been neglected for many years and maintenance has been deferred. These dams are in need of repair.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0542
Baca	Head Gate Replacement at Two Buttes Reservoir	Baca County, Colorado Parks and Wildlife, NRCS, Baca County Conservation District	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.	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.	IPP	ARK-2015-0557
Baca	Two Buttes Creek Tamarisk Removal Project	Natural Resources Conservation Service, Baca County Conservation District, Branson Trinchera Conservation District.	Tamarisk removal in Baca County.	Partner with NRCS to identify and eradicate tamarisk along the Two Buttes Creek flow line. Addition to previous efforts.	Coordinate with NRCS to identify and locate tamarisk, determine method(s) for removal and remove invasive species.	Implement Action Plan in phases based on availability of funding and in-kind resources.	Master Needs List	ARK-2015-0561
Baca	Town of Walsh Water Supply Project	Southern High Plains Groundwater Management District, Baca County, Town of Walsh	Address impacts of lower water table for municipal supply wells, especially near Walsh.	Find ways to acquire reliable and sustainable water supply for the Town of Walsh.	Identify alternatives for reliable water sources and estimate project elements to implement.	Purchase water rights identified in alternatives analysis, develop and complete infrastructure as required for delivery.	Master Needs List	ARK-2015-0563
Baca	Well Monitoring in Southern High Plains Designated Groundwater Basin	Southern High Plains Groundwater Management District	Sustainable funding for static water level monitoring at wells to help manage aquifer depletion.	Partner with state engineering and groundwater commission to continue well monitoring in Southern High Plains Water Management District.	Identify funding sources and project partners to continue water level monitoring.	Complete project partnership agreements, fund as available.	Master Needs List	ARK-2015-0564
Baca	Emergency Relief from Environmental Mandates to Small Operations	Town of Walsh, Town of Vilas, Baca County	Funding for maintenance and monitoring of a water softener system in Two Buttes which was previously granted installation funds by CDPHE.	Emergency funding to mitigate financial consequences to Two Buttes for CDPHE mandated filtration systems operation and maintenance.	Develop scope of work with stakeholder engagement.	Implement scope of work for project.	Master Needs List	ARK-2015-0568
Bent	Purgatoire River Management	CPW	Fish and wildlife preservation and enhancement.	Stream habitat improvement/bank stabilization.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0018
Bent	Purgatoire River Aquifers	CPW	Fish and wildlife preservation and enhancement.	Develop deep water aquifers pursuant to CPW decrees.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0019
Bent	John Martin Reservoir Permanent Pool	CPW	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.	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.	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.	IPP	ARK-2015-0022
Bent	Southern Red Belly Dace Management	CPW	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.	Challenge is funding for project. Solution could be grants from Roundtable.	Continue seeking suitable funding sources.	IPP	ARK-2015-0037
Bent	Arkansas Darter Management	CPW	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.	Challenge is funding for project. Solution could be grants from Roundtable.	Continue seeking suitable funding sources.	IPP	ARK-2015-0038
Bent	Lower Arkansas River Management	CPW	Fish and wildlife preservation and enhancement.	Flow and reservoir level protection for native fish, sport fish, plover/terns, waterfowl, fishing recreation and hunting.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0049

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Bent	Lower Arkansas River Water Management - CPW 1	CPW	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.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0050
Bent	Lower Arkansas River Water Management - CPW 2	CPW	Water efficiency.	Water delivery and transit efficiency to enhance riparian, sport fishery, shorebird and waterfowl, hunting, watchable wildlife.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0051
Bent	Lower Arkansas River Seasonal Water Management	CPW	Fish and wildlife preservation and enhancement.	Riparian protection and enhancement, stabilize reservoir water delivery and storage during breeding season (April 1 - September 1).	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0052
Bent	Arkansas Valley Conduit	Not Provided	Meet current and future demand in the SECWCD service area, relieve water quality issues.	Not Provided	Continue implementation of project elements as appropriate.	Manage project to completed status.	Master Needs List	ARK-2015-0133
Bent	Administrative Tools for Lease Following in the Arkansas River Valley	Not Provided	Prevent or reduce loss of irrigated acreage as the result of permanent transfer of agricultural (irrigation) water rights to other uses.	Not Provided	Implement scope of work.	Manage project to completed status.	Master Needs List	ARK-2015-0161
Bent	Watershed Health Collaborative	ABRT	Address watershed health risks.	Formation of a basin-wide collaborative to address watershed health risks and protection of water supply and quality.	Increase collaboration.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0224
Bent	Watershed Health Strategic Plan	ABRT	Address watershed health risks.	Basin-wide strategic watershed plan including projects, programs, and processes to mitigate watershed health risks.	Increase basin-wide, prioritized projects.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0225
Bent	Purgatoire River Watershed Riparian Rehabilitation	Tackling Tamarisk on the Purgatoire (TTP) Partnership	Maintain, protect, and improve the ecological integrity of the Purgatoire River Watershed (PRW). Invasive plan 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.	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.	IPP	ARK-2015-0250
Bent	SECWCD Regional Water Conservation Plan Implementation	SECWCD	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.	Implement District's Approved Regional Water Conservation Plan.	Implement current scope of work.	IPP	ARK-2015-0259
Bent	Water Quality Working Group	SECWCD	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.	Create working group that will develop local and regional solutions.	Implement current scope of work.	IPP	ARK-2015-0260
Bent	Local Water Conservation Planning	SECWCD	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.	Conduct and implement local and regional water conservation planning.	Implement current scope of work and develop additional scope of work.	IPP	ARK-2015-0262
Bent	Water Loss Management Audits	SECWCD	Conduct triannual system-wide water audits to support the assessment and reduction of distribution system water loss.	Projects will include conducting AWWA M-36 Water Audits on all MC and AVC project participants to track improvements in system wide management of non-revenue water and water loss.	Provide third party, standardized water loss management audit.	Implement current scope of work and develop additional scope of work.	Master Needs List	ARK-2015-0263
Bent	John Martin Reservoir Wetlands Maintenance Program	CPW	Wetland restoration.	Partnering with Fort Lyons with water rights and wetlands restoration project.	Purchase additional water rights.	Determine funding and conveyance approach.	IPP	ARK-2015-0290
Bent	Our Water, Our Watershed	PWP	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.	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.	IPP	ARK-2015-0519

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Bent	Super Ditch Delivery Engineering	LAVWCD and others	Prevent or reduce loss of irrigated acreage as the result of permanent transfer of agricultural (irrigation) water rights to other uses.	Project to supply water for municipal and agriculture needs.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0534
Bent	Ag-Muni Conservation Easement Demonstration	LAVWCD and others	Prevent or reduce loss of irrigated acreage as the result of permanent transfer of agricultural (irrigation) water rights to other uses.	Purchase conservation easements throughout the Lower Arkansas Valley with a municipal leasing component to create partnerships with cities to help prevent the dry up of agriculture.	Complete scope of work.	Manage project to completed status.	Master Needs List	ARK-2015-0535
Bent	Use of Head Stabilization Ponds for Recharge	LAVWCD and others	Better water management.	Quantify all return flows from all rule 10 plan ponds.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0536
Bent	Tail Water Study	LAVWCD and others	Inadequate tail water information.	Determine accurate tail water information for better administration of Colorado, Kansas compact.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0537
Bent	Storage Using Recharge	LAVWCD and others	Better water management.	Identify and build recharge sites throughout the Lower Arkansas Basin to allow for better management of return flows.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0538
Bent	Lake Level - Lake Isabel	LAVWCD and others	Need for augmentation water to prevent downstream injury.	Develop water or a plan to keep lake level high.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0539
Bent	Aging Infrastructure Replacement	LAVWCD and others	Aging infrastructure.	Replace aging infrastructure for agriculture and municipalities.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0540
Bent	Lake Levels	LAVWCD and others	Need for additional water and augmentation water to prevent downstream injury.	Develop water or a plan to keep lake level high. Need to make deals with owner of water rights to keep lake levels high for recreation.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0541
Bent	Rehabilitation of Dams	LAVWCD and others	Deferred maintenance on dams.	Dams in the state have been neglected for many years and maintenance has been deferred. These dams are in need of repair.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0542
Bent	Recovery of Yield Group (ROY)	CSU, PBWW, Aurora, SECWCD	Capture water released from Pueblo Reservoir in satisfaction of the 2004 Flow Management Program somewhere downstream.	The ROY Participants agreed to cooperate to develop projects and methods for water recapture and storage for subsequent beneficial use for in-priority diversions of the Subject Exchanges that are annually forgone in order to accommodate the FMP.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0551
Bent	Phantom Canyon Reservoir	Not Provided	Provide water storage vessel above Pueblo Reservoir, provide flexibility in water releases for recreation and environment.	Preliminary design of a 54,000 AF storage vessel in the vicinity of existing Brush Hollow Reservoir. Off-channel on private property. Easement to Lester-Attebury diversion point established.	Plans have been developed. Engage stakeholders to develop scope of work, entitles for completion.	Develop and implement scope of work.	Master Needs List	ARK-2015-0559
Bent	Well Monitoring in Southern High Plains Designated Groundwater Basin	Southern High Plains Groundwater Management District	Sustainable funding for static water level monitoring at wells to help manage aquifer depletion.	Partner with state engineering and groundwater commission to continue well monitoring in Southern High Plains Water Management District.	Identify funding sources and project partners to continue water level monitoring.	Complete project partnership agreements, fund as available.	Master Needs List	ARK-2015-0564
Chaffee	Placer Gold Panning/Dredging Operations	CPW	Use BMPs in management of gold panning/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.	Challenges are water availability and management restrictions for recreational mining activities at Cache Creek.	Management alternatives are being addressed in public meetings with BLM currently for Cache Creek area.	IPP	ARK-2015-0023
Chaffee	Granite Diversion Structure	CPW/CO Springs/Aurora	Reconstruct existing diversion structure.	Incorporate boat chute and fish ladder retrofit.	Challenge is funding for project. Solution could be grants from Roundtable and/or other sources.	Continue seeking suitable funding sources.	IPP	ARK-2015-0024
Chaffee	Helena Diversion Structure	CPW/Ditch Company	Reconstruct existing diversion structure.	Retrofit existing boat chute, fish ladder, and portage trail.	CPW has provided funding to complete this project.	CPW will complete this project in 2015.	IPP	ARK-2015-0025
Chaffee	Salida Low Head Dam	CPW	Reconstruct existing diversion structure.	Retrofit or replace existing diversion structure, boat chute, and fish ladder.	Challenge is funding for project. Solution could be grants from Roundtable and/or other sources.	Continue seeking suitable funding sources.	IPP	ARK-2015-0032

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Chaffee	Stonewall Springs Reservoir	CPW	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.	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.	IPP	ARK-2015-0044
Chaffee	South Arkansas River Instream Flow Appropriation	CPW	Fish and wildlife preservation and enhancement.	Instream allow appropriation.	Challenge is timing of appropriation.	Continue with planning for water right appropriation through CWCB and CPW staff.	IPP	ARK-2015-0054
Chaffee	Chalk Creek Instream Flow Appropriation	CPW	Fish and wildlife preservation and enhancement.	Extend existing instream flow appropriation.	Challenge is timing of appropriation.	Continue with planning for water right appropriation through CWCB and CPW staff.	IPP	ARK-2015-0061
Chaffee	Voluntary Flow Management Plan (VFMP) - CPW 1	CPW	Supports 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.	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.	IPP	ARK-2015-0062
Chaffee	Voluntary Flow Management Plan (VFMP) - CPW 2	CPW	Supports existing VFMP.	Continued support, cooperation and enhancement of the VFMP.	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.	Continue working with stakeholders to secure adequate water when needed and renew VFMP agreement when needed.	IPP	ARK-2015-0063
Chaffee	Voluntary Flow Management Plan Supplemental Water - CPW 1	CPW	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.	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.	IPP	ARK-2015-0064
Chaffee	Voluntary Flow Management Plan Supplemental Water - CPW 2	CPW	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.	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.	IPP	ARK-2015-0065
Chaffee	Voluntary Flow Management Plan Supplemental Water - CPW 3	CPW	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.	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.	IPP	ARK-2015-0066
Chaffee	Voluntary Flow Management Plan Supplemental Water - CPW 4	CPW	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.	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.	IPP	ARK-2015-0067
Chaffee	Voluntary Flow Management Plan Supplemental Water - CPW 5	CPW	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.	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.	IPP	ARK-2015-0068
Chaffee	Voluntary Flow Management Plan Supplemental Water - CPW 6	CPW	Secure water and storage (owned) to supplement existing VFMP.	CPW to acquire approximately 2,000 AF of water rights for VFMP.	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.	IPP	ARK-2015-0069

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Chaffee	Voluntary Flow Management Plan Supplemental Water - CPW 7	CPW	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.	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.	IPP	ARK-2015-0070
Chaffee	Clear Creek Reservoir Gauging Station Reconstruction	CPW	Fishery enhancement.	Reconstruction of gauging station to allow kokanee salmon and trout to pass.	Develop scope of work with stakeholder engagement.	Seek funding solutions.	Master Needs List	ARK-2015-0073
Chaffee	Westside	USFS-WAPA	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.	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.	IPP	ARK-2015-0177
Chaffee	North Trout	USFS	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. 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.	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.	IPP	ARK-2015-0178
Chaffee	Spruce Creek	USFS	Past mountain pine beetle epidemic, urban interface, improve forest health condition, 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.	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.	IPP	ARK-2015-0180
Chaffee	Cree Creek	USFS - WAPA	Past mountain pine beetle epidemic, urban interface, improve forest health condition, improve rangeland and forage conditions, wildfire mitigation. WAPA power line 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 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.	IPP	ARK-2015-0181
Chaffee	O'Haver Lake	USFS	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.	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.	IPP	ARK-2015-0182
Chaffee	Little Annie	USFS	Past mountain pine beetle epidemic, urban interface, improve forest health condition, 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.	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.	IPP	ARK-2015-0184
Chaffee	Willow Creek	USFS	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.	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.	IPP	ARK-2015-0185
Chaffee	Poncha Loop	USFS-TriState	Past mountain pine beetle epidemic, urban interface, improve forest health condition, 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.	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.	IPP	ARK-2015-0186
Chaffee	Cleveland Mountain	USFS-TriState	Past mountain pine beetle epidemic, urban interface, improve forest health condition, improve rangeland and forage conditions, wildfire mitigation. TriState power line mitigation.	Little Cochetopa 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, range betterment. Power line corridor through project area. 2,800 acres.	Improve water quality, maintain water storage capabilities, reduce impacts of insect and disease infestation and reduce impact of wildfire on WUI.	Initial project design needed. Need to complete NEPA.	Master Needs List	ARK-2015-0188

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Chaffee	North Trout - Limestone Bighorn Sheep Project	USFS	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.	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.	IPP	ARK-2015-0207
Chaffee	Buffalo Peaks Wilderness Boreal Toad Trail Reroute	USFS	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.	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.	IPP	ARK-2015-0209
Chaffee	Monarch Pass to Monarch Park Sediment Project	USFS-CDOT	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.	Improve water quality.	Analysis complete, individual projects can be ready to implement within 6 months of receipt of funds.	IPP	ARK-2015-0210
Chaffee	Trout Creek and Spring	USFS-CDOT	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.	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.	IPP	ARK-2015-0211
Chaffee	Watershed Health Collaborative	ABRT	Address watershed health risks.	Formation of a basin-wide collaborative to address watershed health risks and protection of water supply and quality.	Increase collaboration.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0224
Chaffee	Watershed Health Strategic Plan	ABRT	Address watershed health risks.	Basin-wide strategic watershed plan including projects, programs, and processes to mitigate watershed health risks.	Increase basin-wide, prioritized projects.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0225
Chaffee	Mt. Shavano Diversion	CPW, DNR	Infrastructure, water supply, recreation.	Important diversion and improvement of water right use as well as reduce risk to boaters. Potential for upstream and downstream channel and instream habitat improvements to create efficiency of the diversion and quality of return flow.	Implement project scope of work.	Manage project to Completed status.	Master Needs List	ARK-2015-0227
Chaffee	Homestake System	CPW	Infrastructure, water supply, recreation.	Reconstruction of a water diversion structure with addition of a boat chute and fish ladder.	Develop scope of work with stakeholder engagement.	Seek funding solutions, implement scope of work.	Master Needs List	ARK-2015-0228
Chaffee	South Arkansas Habitat Improvement	TU	Water quality, habitat, erosion control.	Improve channel and bank stability to reduce erosion and sedimentation. Restoration will improve fish and riparian habitat.	Channel stabilization.	Acquire funding.	Master Needs List	ARK-2015-0229
Chaffee	SECWCD Regional Water Conservation Plan Implementation	SECWCD	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.	Implement District's Approved Regional Water Conservation Plan.	Implement current scope of work.	IPP	ARK-2015-0259
Chaffee	Local Water Conservation Planning	SECWCD	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.	Conduct and implement local and regional water conservation planning.	Implement current scope of work and develop additional scope of work.	IPP	ARK-2015-0262
Chaffee	Water Loss Management Audits	SECWCD	Conduct triannual system-wide water audits to support the assessment and reduction of distribution system water loss.	Projects will include conducting AWWA M-36 Water Audits on all MC and AVC project participants to track improvements in system wide management of non-revenue water and water loss.	Provide third party, standardized water loss management audit.	Implement current scope of work and develop additional scope of work.	Master Needs List	ARK-2015-0263
Chaffee	Arkansas Mainstem Grazing Management Improvement	BLM	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.	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.	IPP	ARK-2015-0271

County(s)	Project Title	Project Proponent	Need or Challenge	Project Description	Solution	Plan of Action	Project Classification	Arkansas Basin ID
Chaffee	Dead Goat Gulch	BLM	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.	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.	IPP	ARK-2015-0274
Chaffee	Hecla Wash Project	Colorado State Parks	Minimize sediment migration near Hecla Gulch on Arkansas River. River restoration. Sedimentation mitigation.	The Hecla Wash project aims to work with a partnership to implement ecologically sustainable watershed restoration measures to reduce sediment loading and achieve improved water quality and habitat in an impaired reach of the upper Arkansas River.	Implement project scope of work.	Manage project to Completed status.	Master Needs List	ARK-2015-0297
Chaffee	Upper Arkansas Multi-Use Project	Upper Arkansas Water Conservation District	Storage for return flow maintenance and storage of fully consumable water for replacement plans for all uses. Improved irrigation water delivery and need for supplemental water for agriculture. Need for improved river access for fishing and recreation, preservation of wildlife habitat.	Enlargement of existing Trout Creek Reservoir, development of gravel pit storage, development of alluvial storage for estimated total increase of 15,000 to 20,000 AF. Delivery of irrigation water by gravity flow to existing pivot irrigation systems on 2000 acres of irrigated land and supplementation of water supplies from storage component. Storage for replacement plans and to maintain return flow obligations in the Arkansas River. Storage may also accommodate water for maintenance of recreational flows in the Arkansas River. Winter forage for large wildlife population from irrigated lands by improved land management. Creation of over 2 miles of recreational trails, fishing and boating access along the Arkansas River. Establishment of a low-head hydro-electric production facility using water delivery from the Helena Ditch.	Initiate project elements and/or develop feasibility study/development plan in collaboration with stakeholders and prospective project partners.	Funding, oversight and implementation by Upper Arkansas Water Conservancy District in collaboration with stakeholders and project partners.	Master Needs List	ARK-2015-0486
Chaffee	Upper Arkansas Water Storage Coalition	Upper Arkansas Water Conservation District	Cost of storage and multi-use projects to address the large amount of basin needs is generally prohibitive for a single entity. The need is pervasive. The common element to addressing these needs is development of storage and integrated or cooperative management.	Create an entity that includes parties with the same or similar needs and develop joint projects to address these needs. Several projects are being planned or contemplated to create storage. Getting to the construction phase is time consuming and expensive thereby creating the need for collaboration and joint funding.	Initiate reconnaissance level investigation of opportunities with regional stakeholders.	Funding, oversight and implementation by stakeholders in collaboration with DEO.	Master Needs List	ARK-2015-0487
Chaffee	Clear Creek Reservoir Expansion	Pueblo Water	Additional water storage capacity for M&I, agriculture, and recreation 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.	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.	IPP	ARK-2015-0552
Cheyenne	Watershed Health Collaborative	ABRT	Address watershed health risks.	Formation of a basin-wide collaborative to address watershed health risks and protection of water supply and quality.	Increase collaboration.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0224
Cheyenne	Watershed Health Strategic Plan	ABRT	Address watershed health risks.	Basin-wide strategic watershed plan including projects, programs, and processes to mitigate watershed health risks.	Increase basin-wide, prioritized projects.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0225
Cheyenne	Well Monitoring in Southern High Plains Designated Groundwater Basin	Southern High Plains Groundwater Management District	Sustainable funding for static water level monitoring at wells to help manage aquifer depletion.	Partner with state engineering and groundwater commission to continue well monitoring in Southern High Plains Water Management District.	Identify funding sources and project partners to continue water level monitoring.	Complete project partnership agreements, fund as available.	Master Needs List	ARK-2015-0564
Crowley	Arkansas Valley Conduit	Not Provided	Meet current and future demand in the SECWCD service area, relieve water quality issues.	Not Provided	Continue implementation of project elements as appropriate.	Manage project to completed status.	Master Needs List	ARK-2015-0133
Crowley	Administrative Tools for Lease Following in the Arkansas River Valley	Not Provided	Prevent or reduce loss of irrigated acreage as the result of permanent transfer of agricultural (irrigation) water rights to other uses.	Not Provided	Implement scope of work.	Manage project to completed status.	Master Needs List	ARK-2015-0161
Crowley	Watershed Health Collaborative	ABRT	Address watershed health risks.	Formation of a basin-wide collaborative to address watershed health risks and protection of water supply and quality.	Increase collaboration.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0224
Crowley	Watershed Health Strategic Plan	ABRT	Address watershed health risks.	Basin-wide strategic watershed plan including projects, programs, and processes to mitigate watershed health risks.	Increase basin-wide, prioritized projects.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0225

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Crowley	SECWCD Regional Water Conservation Plan Implementation	SECWCD	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.	Implement District's Approved Regional Water Conservation Plan.	Implement current scope of work.	IPP	ARK-2015-0259
Crowley	Water Quality Working Group	SECWCD	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.	Create working group that will develop local and regional solutions.	Implement current scope of work.	IPP	ARK-2015-0260
Crowley	Local Water Conservation Planning	SECWCD	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.	Conduct and implement local and regional water conservation planning.	Implement current scope of work and develop additional scope of work.	IPP	ARK-2015-0262
Crowley	Water Loss Management Audits	SECWCD	Conduct triannual system-wide water audits to support the assessment and reduction of distribution system water loss.	Projects will include conducting AWWA M-36 Water Audits on all MC and AVC project participants to track improvements in system wide management of non-revenue water and water loss.	Provide third party, standardized water loss management audit.	Implement current scope of work and develop additional scope of work.	Master Needs List	ARK-2015-0263
Crowley	Ordway Bypass	Crowley County, Town of Ordway	Construct a bypass for the Crowley County Water System pipeline around the Town of Ordway.	The Crowley County Water System currently relies on the Town of Ordway's distribution system to get water to the County's storage tanks north of Town. This dependency restricts the operating pressures and delivery rate of the County's system. The Ordway Bypass would circumvent these restrictions, lowering the pressures in the Town's system, reducing leakage rates, reducing water lost in the event of a rupture, and providing a looped system for an improved supply scenario.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0488
Crowley	New Metering Stations	Crowley County, Town of Ordway, 96 Pipeline	Relocate meters to above ground stations and couple in with the county's telemetry system.	Relocate the Crowley County Water System meters at Road H and at Road J to new above ground stations. Change out to electronic readout meters and tie them in to the existing telemetry system. High flow rate alarms would alert to a water main break.	Engage qualified parties to develop plans, cost estimate, and schedule in collaboration with stakeholders.	Develop scope of work, implement scope of work	Master Needs List	ARK-2015-0489
Crowley	Crowley County Source Water Protection Partnership Plan Implementation	Crowley County, Crowley County Water Association, Town of Olney Springs, Town of Ordway	Implement measures identified in the Source Water Protection Plan.	There are four participants in the Source Water Protection Plan prepared in March 2013. Design and implementation funding is needed to be able to design and implement many of the identified needs.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0494
Crowley	Super Ditch Delivery Engineering	LAVWCD and others	Prevent or reduce loss of irrigated acreage as the result of permanent transfer of agricultural (irrigation) water rights to other uses.	Project to supply water for municipal and agriculture needs.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0534
Crowley	Ag-Muni Conservation Easement Demonstration	LAVWCD and others	Prevent or reduce loss of irrigated acreage as the result of permanent transfer of agricultural (irrigation) water rights to other uses.	Purchase conservation easements throughout the Lower Arkansas Valley with a municipal leasing component to create partnerships with cities to help prevent the dry up of agriculture.	Complete scope of work.	Manage project to completed status.	Master Needs List	ARK-2015-0535
Crowley	Use of Head Stabilization Ponds for Recharge	LAVWCD and others	Better water management.	Quantify all return flows from all rule 10 plan ponds.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0536
Crowley	Tail Water Study	LAVWCD and others	Inadequate tail water information.	Determine accurate tail water information for better administration of Colorado, Kansas compact.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0537
Crowley	Storage Using Recharge	LAVWCD and others	Better water management.	Identify and build recharge sites throughout the Lower Arkansas Basin to allow for better management of return flows.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0538
Crowley	Lake Level - Lake Isabel	LAVWCD and others	Need for augmentation water to prevent downstream injury.	Develop water or a plan to keep lake level high.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0539
Crowley	Aging Infrastructure Replacement	LAVWCD and others	Aging infrastructure.	Replace aging infrastructure for agriculture and municipalities.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0540

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Crowley	Lake Levels	LAVWCD and others	Need for additional water and augmentation water to prevent downstream injury.	Develop water or a plan to keep lake level high. Need to make deals with owner of water rights to keep lake levels high for recreation.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0541
Crowley	Rehabilitation of Dams	LAVWCD and others	Deferred maintenance on dams.	Dams in the state have been neglected for many years and maintenance has been deferred. These dams are in need of repair.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0542
Crowley	Recovery of Yield Group (ROY)	CSU, PBWW, Aurora, SECWCD	Capture water released from Pueblo Reservoir in satisfaction of the 2004 Flow Management Program somewhere downstream.	The ROY Participants agreed to cooperate to develop projects and methods for water recapture and storage for subsequent beneficial use for in-priority diversions of the Subject Exchanges that are annually forgone in order to accommodate the FMP.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0551
Custer	Grape Creek Management - CPW 1	CPW, BLM	Fish and wildlife preservation and enhancement.	Instream flow filing and protection, flow stabilization, water management efficiency, instream habitat improvement, land use protection.	Challenge is water availability. Solution could be purchase of water rights.	Some water is being sourced from BLM but more is needed.	IPP	ARK-2015-0020
Custer	Grape Creek Management - CPW 2	CPW	Fish and wildlife preservation and enhancement.	Flow enhancement and habitat/species protection for Grape Creek.	Challenge is water availability. Solution could be purchase of water rights.	Some water is being sourced from BLM but more is needed.	IPP	ARK-2015-0021
Custer	Cutthroat Trout Management	CPW	Fish and wildlife preservation and enhancement.	Improved cutthroat trout habitat through Instream flow maintenance, instream habitat improvement, land use/stormwater (sedimentation) protection.	Challenge is funding for project.	Continue seeking suitable funding sources.	IPP	ARK-2015-0043
Custer	Re-operate CPW Storage Rights in DeWeese Reservoir	BLM; Nonconsumptive Needs Committee	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.	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.	IPP	ARK-2015-0087
Custer	12 Mile	USFS	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 power 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 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.	IPP	ARK-2015-0202
Custer	East Central Wets	USFS	Highest urban interface density on the district, improve protection of Beulah's municipal water sources and the St. Charles watershed, improve forest health, municipal power distribution lines (San Isabel Electric). Prescribed fire and mechanical vegetation treatment opportunities.	Water flows from this project area affect Beulah and Rye. Last vegetation management – small sales (30 years). The 11,000 acre Mason Fire in 2005 is within the 182,000 acre analysis area for the project – it produced heavy sedimentation that was transported to Pueblo Reservoir. Currently infested with multiple insect attacks in white fir, spruce, ponderosa pine and Douglas fir. 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. Heavy fire load area. 20,000 acres.	Improve water quality, maintain water storage capabilities, reduce impacts of insect and disease infestation and reduce impact of wildfire on WUI.	Initial project design needed. Need to complete NEPA.	Master Needs List	ARK-2015-0203
Custer	Locke Mountain	USFS	Improve forest health, large transmission line on west side of project (serves wet mtn. valley). Upper end of Newlin Creek, which feeds Florence's water supply. Prescribed fire and some mechanical vegetation treatment opportunities.	Above water intake for city of Florence. Last management – Ponderosa Pine (20 years). Currently heavily stocked with vegetation. Currently some insect and disease impacts. Moderate fuelwood area with limited timber market opportunities (lack of good roads), moderate recreation area. Heavy fire load area. 4,500 acres.	Improve water quality, maintain water storage capabilities, reduce impacts of insect and disease infestation and reduce impact of wildfire on WUI.	Initial project design needed. Need to complete NEPA.	Master Needs List	ARK-2015-0204
Custer	DeWeese Reservoir TMDL Project	USFS, NRCS	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.	Improve water quality.	Analysis complete, individual projects can be ready to implement within 6 months of receipt of funds.	IPP	ARK-2015-0218
Custer	Watershed Health Collaborative	ABRT	Address watershed health risks.	Formation of a basin-wide collaborative to address watershed health risks and protection of water supply and quality.	Increase collaboration.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0224
Custer	Watershed Health Strategic Plan	ABRT	Address watershed health risks.	Basin-wide strategic watershed plan including projects, programs, and processes to mitigate watershed health risks.	Increase basin-wide, prioritized projects.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0225

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El Paso	Bear Creek Management	CPW, USFS, CSU, El Paso County	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.	Challenge is funding for project. Solution could be grants from Roundtable.	Continue seeking suitable funding sources.	IPP	ARK-2015-0035
El Paso	Severy Creek Management	CPW	Fish and wildlife preservation and enhancement.	Greenback cutthroat trout population and habitat protection.	Challenge is funding for project. Solution could be grants from Roundtable.	Continue seeking suitable funding sources.	IPP	ARK-2015-0036
El Paso	Southern Red Belly Dace Management	CPW	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.	Challenge is funding for project. Solution could be grants from Roundtable.	Continue seeking suitable funding sources.	IPP	ARK-2015-0037
El Paso	Arkansas Darter Management	CPW	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.	Challenge is funding for project. Solution could be grants from Roundtable.	Continue seeking suitable funding sources.	IPP	ARK-2015-0038
El Paso	Cutthroat Trout Management	CPW	Fish and wildlife preservation and enhancement.	Improved cutthroat trout habitat through Instream flow maintenance, instream habitat improvement, land use/stormwater (sedimentation) protection.	Challenge is funding for project.	Continue seeking suitable funding sources.	IPP	ARK-2015-0043
El Paso	Lower Arkansas River Water Management - CPW 1	CPW	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.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0050
El Paso	Lower Arkansas River Seasonal Water Management	CPW	Fish and wildlife preservation and enhancement.	Riparian protection and enhancement, stabilize reservoir water delivery and storage during breeding season (April 1 - September 1).	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0052
El Paso	Monument Creek Management	CPW	Fish and wildlife preservation and enhancement.	Preble's meadow jumping mouse (PMJM) habitat protection, riparian and land use protection, zoning, riparian enhancement.	Challenge is funding for project.	Continue seeking suitable funding sources.	IPP	ARK-2015-0055
El Paso	Monument and Fountain Creek Habitat Management	CPW	Fish and wildlife preservation and enhancement.	Flow management and enhancement, improved native fish habitat.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed	IPP	ARK-2015-0056
El Paso	Fountain Creek Management	CPW	Fish and wildlife preservation and enhancement.	Riparian protection, native fish habitat protection, fish passage (diversion retrofit), stormwater management.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0057
El Paso	Four Mile Creek Water Management - CPW 2	CPW	Fish and wildlife preservation and enhancement.	Flow and pond storage level protection for native fish, sport fish, waterfowl, fishing recreation and hunting.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0059
El Paso	Southern Delivery System Phase I with Local System Improvements	Colorado Springs Utilities, Town of Fountain, Security Water District, Pueblo West Metro District	NEPA purpose and need is a reliable, quality water supply for municipal uses in Colorado Springs, Fountain, Security Water District, and Pueblo West Metro District.	Construct a pipeline from Pueblo Dam to Colorado Springs with pump stations and outlet works as designed.	Complete Phase I construction elements per approved NEPA ROD and Pueblo County 1041 permit.	Fund construction elements, comply with environmental mitigation per NEPA ROD, comply with all conditions of Pueblo County 1041 permit.	Master Needs List	ARK-2015-0095
El Paso	Southern Delivery System Phase II	Colorado Springs Utilities, Town of Fountain, Security Water District, Pueblo West Metro District	Reservoir storage for greater reuse of fully consumable municipal water supplies.	Construct Upper Williams Creek reservoir or alternatives.	Finalize scope of work with appropriate stakeholder engagement.	Implement project delivery plan developed by project partners.	Master Needs List	ARK-2015-0096
El Paso	Eagle River Joint-Use Project (Eagle River MOU)	Colorado Springs Utilities	Develop decreed conditional water rights for municipal use in Colorado Springs, Aurora, and Eagle County.	The ERMOU Joint Use Water Project (ERMOU Project) derives from the 1998 Eagle River MOU among East and West Slope water users for development of a joint use water project in the Eagle River basin that minimizes environmental impact, is cost effective, technically feasible, can be permitted by local, state and federal authorities, and provides 20,000 acre feet per year (AFY) average annual yield for East Slope use, 10,000 AFY firm dry year yield for West Slope use, and 3,000 AF of reservoir capacity for Climax Molybdenum Co.	Continue implementation of project elements as appropriate.	Manage project to completed status.	Master Needs List	ARK-2015-0097

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El Paso	Continental-Hoosier Storage Enlargement Project	Colorado Springs Utilities	Capture water available under Colorado Springs' existing water rights, but that is often foregone ("spilled") due to system storage and capacity limitations, mostly during the wettest years.	Colorado Springs Utilities' project to firm its existing Blue River water supply by increasing storage on the Continental-Hoosier System by capturing water that is currently foregone (i.e., "spilled") due to system storage and capacity limitations, mostly during the wettest years. Utilities plans to develop its remaining conditional water storage rights in the Blue River Basin and/or enlarge Montgomery Reservoir in the South Platte Basin by up to 5,000 AF.	Develop up to 3,166 AF of its remaining conditional water storage rights decreed in Summit County CA 1806 and U.S.D.C. Consolidated Cases No. 2782, 5016, and 5017 and/or enlarge Montgomery Dam by up to 50 ft (5,500 AF) to capture additional water that is legally and physically available to Colorado Springs.	Manage project to completed status.	Master Needs List	ARK-2015-0098
El Paso	Groundwater Quality Study Phase 2 - Upper Black Squirrel	Pikes Peak Regional Water Authority, El Paso County, USGS	Protect water quality in the Upper Black Squirrel aquifer by establishing a base line of quality and well monitoring.	Contract with USGS to monitor wells and develop a report on water quality for the basin.	Implement scope of work.	Contract with USGS to monitor wells and develop a report on water quality for the basin.	Master Needs List	ARK-2015-0158
El Paso	Hale Reservoir Renovation	Cross Creek Metropolitan District	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.	Engage qualified parties to develop plans, cost estimate, and schedule in collaboration with stakeholders.	Develop and implement scope of work.	IPP	ARK-2015-0159
El Paso	Waldo Fire Recovery	USFS, CUSP, RMFI, El Paso County, CSU, NRCS	Sedimentation, public safety.	Seed, plant trees, erosion control features, install and maintain sedimentation basins.	Continue sediment reduction projects.	Analysis complete, individual projects can be ready to implement within 6 months of receipt of funds.	IPP	ARK-2015-0220
El Paso	Upper Monument Creek	USFS, TNC, Front Range Roundtable, CSU, CSFS	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.	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 2017.	IPP	ARK-2015-0221
El Paso	Catamount	USFS, CSU, BLM, CUSP, CSFS	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.	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 water quality, maintain water storage capabilities, reduce impacts of insect and disease infestation and reduce impact of wildfire on WUI.	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.	IPP	ARK-2015-0222
El Paso	Watershed Health Collaborative	ABRT	Address watershed health risks.	Formation of a basin-wide collaborative to address watershed health risks and protection of water supply and quality.	Increase collaboration.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0224
El Paso	Watershed Health Strategic Plan	ABRT	Address watershed health risks.	Basin-wide strategic watershed plan including projects, programs, and processes to mitigate watershed health risks.	Increase basin-wide, prioritized projects.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0225
El Paso	Upper Fountain Creek/Cheyenne Creek Flood Restoration Master Plan	Upper Fountain Creek/Cheyenne Creek Coalition (Fountain Creek Watershed District)	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 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.	IPP	ARK-2015-0252
El Paso	Monument Creek Flood Restoration Master Plan	Upper Fountain Creek/Cheyenne Creek Coalition (Fountain Creek Watershed District)	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.	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.	IPP	ARK-2015-0253
El Paso	SECWCD Regional Water Conservation Plan Implementation	SECWCD	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.	Implement District's Approved Regional Water Conservation Plan.	Implement current scope of work.	IPP	ARK-2015-0259

County(s)	Project Title	Project Proponent	Need or Challenge	Project Description	Solution	Plan of Action	Project Classification	Arkansas Basin ID
El Paso	Local Water Conservation Planning	SECWCD	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.	Conduct and implement local and regional water conservation planning.	Implement current scope of work and develop additional scope of work.	IPP	ARK-2015-0262
El Paso	Water Loss Management Audits	SECWCD	Conduct triannual system-wide water audits to support the assessment and reduction of distribution system water loss.	Projects will include conducting AWWA M-36 Water Audits on all MC and AVC project participants to track improvements in system wide management of non-revenue water and water loss.	Provide third party, standardized water loss management audit.	Implement current scope of work and develop additional scope of work.	Master Needs List	ARK-2015-0263
El Paso	Fish Passage Design - Arkansas Darter, Flathead Chub	Colorado Springs Utilities	Establish a fish passage design for plains fish on Fountain Creek.	Pre-passage monitoring of plains fish including Arkansas darter and flathead chub near CSU diversion dam on Clear Spring Ranch.	Implement project scope of work.	Manage project to Completed status.	Master Needs List	ARK-2015-0298
El Paso	Denver Basin Formations and Alluvium Interaction Project (Upper Big Sandy Water Balance)	Upper Big Sandy Groundwater Management District, USGS (and other water providers)	Determine water balance in Upper Big Sandy Designated Groundwater basin and maintain appropriate balance.	The Arkansas Basin Roundtable is funding a study to determine the water balance in the Upper Big Sandy DGWB. Alluvial aquifers are in contact in numerous places with the Denver Basin Formations. The unknown is whether the Denver Basin Formations are recharging the alluvial aquifers, or vice versa. The Upper Big Sandy GWMD is working on a scope of work with Susan Paschke with the USGS to evaluate the interaction between the Denver Basin Formations and the alluvium.	Complete funded study and initiate recommended actions.	Implement actions to maintain appropriate balance by Upper Big Sandy Groundwater Management District in collaboration with stakeholders.	Master Needs List	ARK-2015-0498
El Paso	Management and Education	Upper Big Sandy Groundwater Management District, National Resource Conservation District	Evaluate, monitor, restructure, and educate to conserve and better use current water in Big Sandy Designated Groundwater Basin.	Continue to monitor groundwater levels and educate public about water use and conservation. Preserve local District's authority to manage groundwater.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0499
El Paso	Metering Program	Upper Big Sandy Groundwater Management District	Metering of wells is needed to provide known input to water balance as water levels decline.	Upper Big Sandy GWMD adopted rules to provide for metering of high capacity wells. Project provides financial assistance.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0500
El Paso	Ramah Dam Restoration Project	Upper Big Sandy Groundwater Management District, CPW	Ramah Dam was built as a flood control dam and is owned by CPW. It has available storage capacity but has not had water for a number of years.	Work with CPW to restore viability of Ramah Dam to provide water storage, recharge, recreation, and environmental use.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0501
El Paso	Flood Control Dam Retiming and Recharge Project	Upper Big Sandy Groundwater Management District, Double El Soil Conservation District	Flood control dams temporarily capture stormwater and it is released inefficiently.	Pilot project to select flood control dam and constructed recharge/infiltration ponds below the dam to time releases that will recharge the aquifer.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0502
El Paso	Noxious Tree Mitigation Program - Big Sandy	Upper Big Sandy Groundwater Management District, Double El Soil Conservation District	Noxious trees use water.	Eradicate noxious trees.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0503
El Paso	Rehabilitation of Dams	LAVWCD and others	Deferred maintenance on dams.	Dams in the state have been neglected for many years and maintenance has been deferred. These dams are in need of repair.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0542
El Paso	Recovery of Yield Group (ROY)	CSU, PBWW, Aurora, SECWCD	Capture water released from Pueblo Reservoir in satisfaction of the 2004 Flow Management Program somewhere downstream.	The ROY Participants agreed to cooperate to develop projects and methods for water recapture and storage for subsequent beneficial use for in-priority diversions of the Subject Exchanges that are annually forgone in order to accommodate the FMP.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0551
El Paso	Restore Historic Palmer Lake	Palmer Lake Restoration 501(c)3	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.	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.	IPP	ARK-2015-0555
El Paso	Phantom Canyon Reservoir	Not Provided	Provide water storage vessel above Pueblo Reservoir, provide flexibility in water releases for recreation and environment.	Preliminary design of a 54,000 AF storage vessel in the vicinity of existing Brush Hollow Reservoir. Off-channel on private property. Easement to Lester-Attebury diversion point established.	Plans have been developed. Engage stakeholders to develop scope of work, entitles for completion.	Develop and implement scope of work.	Master Needs List	ARK-2015-0559

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Elbert	Watershed Health Collaborative	ABRT	Address watershed health risks.	Formation of a basin-wide collaborative to address watershed health risks and protection of water supply and quality.	Increase collaboration.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0224
Elbert	Watershed Health Strategic Plan	ABRT	Address watershed health risks.	Basin-wide strategic watershed plan including projects, programs, and processes to mitigate watershed health risks.	Increase basin-wide, prioritized projects.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0225
Elbert	Denver Basin Formations and Alluvium Interaction Project (Upper Big Sandy Water Balance)	Upper Big Sandy Groundwater Management District, USGS (and other water providers)	Determine water balance in Upper Big Sandy Designated Groundwater basin and maintain appropriate balance.	The Arkansas Basin Roundtable is funding a study to determine the water balance in the Upper Big Sandy DGWB. Alluvial aquifers are in contact in numerous places with the Denver Basin Formations. The unknown is whether the Denver Basin Formations are recharging the alluvial aquifers, or vice versa. The Upper Big Sandy GWMD is working on a scope of work with Susan Paschke with the USGS to evaluate the interaction between the Denver Basin Formations and the alluvium.	Complete funded study and initiate recommended actions.	Implement actions to maintain appropriate balance by Upper Big Sandy Groundwater Management District in collaboration with stakeholders.	Master Needs List	ARK-2015-0498
Elbert	Management and Education	Upper Big Sandy Groundwater Management District, National Resource Conservation District	Evaluate, monitor, restructure, and educate to conserve and better use current water in Big Sandy Designated Groundwater Basin.	Continue to monitor groundwater levels and educate public about water use and conservation. Preserve local District's authority to manage groundwater.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0499
Elbert	Metering Program	Upper Big Sandy Groundwater Management District	Metering of wells is needed to provide known input to water balance as water levels decline.	Upper Big Sandy GWMD adopted rules to provide for metering of high capacity wells. Project provides financial assistance.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0500
Elbert	Ramah Dam Restoration Project	Upper Big Sandy Groundwater Management District, CPW	Ramah Dam was built as a flood control dam and is owned by CPW. It has available storage capacity but has not had water for a number of years.	Work with CPW to restore viability of Ramah Dam to provide water storage, recharge, recreation, and environmental use.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0501
Elbert	Flood Control Dam Retiming and Recharge Project	Upper Big Sandy Groundwater Management District, Double E Soil Conservation District	Flood control dams temporarily capture stormwater and it is released inefficiently.	Pilot project to select flood control dam and constructed recharge/infiltration ponds below the dam to time releases that will recharge the aquifer.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0502
Elbert	Noxious Tree Mitigation Program - Big Sandy	Upper Big Sandy Groundwater Management District, Double E Soil Conservation District	Noxious trees use water.	Eradicate noxious trees.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0503
Elbert	Elbert County Water Monitoring Network	Elbert County, USGS	Address nonrenewable water supply dependency in Elbert County.	Better water management and development regulations for counties dependent on aquifers. Funding has been received.	Sustainability monitoring and water management	Implement scope of work.	IPP	ARK-2015-0506
Elbert	Town of Limon Water System Improvements	Town of Limon	Water system improvements - well rehab, pipe replacement.	Construction, replacement and/or rehabilitation of wells to enhance production and efficiency of permitted town wells and connection to existing infrastructure and assessment, and/or construction of transmission and distribution lines.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0507
Fremont	Grape Creek Management - CPW 1	CPW, BLM	Fish and wildlife preservation and enhancement.	Instream flow filing and protection, flow stabilization, water management efficiency, instream habitat improvement, land use protection.	Challenge is water availability. Solution could be purchase of water rights.	Some water is being sourced from BLM but more is needed.	IPP	ARK-2015-0020
Fremont	Grape Creek Management - CPW 2	CPW	Fish and wildlife preservation and enhancement.	Flow enhancement and habitat/species protection for Grape Creek.	Challenge is water availability. Solution could be purchase of water rights.	Some water is being sourced from BLM but more is needed.	IPP	ARK-2015-0021
Fremont	Placer Gold Panning/Dredging Operations	CPW	Use BMPs in management of gold panning/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.	Challenges are water availability and management restrictions for recreational mining activities at Cache Creek.	Management alternatives are being addressed in public meetings with BLM currently for Cache Creek area.	IPP	ARK-2015-0023
Fremont	Hydraulic Diversion Structure	CPW/Ditch Company	Reconstruct existing diversion structure, infrastructure, water supply, recreation.	Reconstruction of a water diversion structure with addition of a boat chute and fish ladder.	Challenge is funding for project. Solution could be grants from Roundtable and/or other sources.	Continue seeking suitable funding sources.	IPP	ARK-2015-0026
Fremont	Cañon City Municipal Diversion Structure	CPW/Cañon City	Reconstruct existing diversion structure.	Incorporate boat chute and fish ladder retrofit.	Challenge is funding for project. Solution could be grants from Roundtable and/or other sources.	Continue seeking suitable funding sources.	IPP	ARK-2015-0027
Fremont	Oil Creek Diversion Structure	CPW/Ditch Company	Infrastructure, water supply, recreation. Reconstruct existing diversion structure.	Reconstruction of a water diversion structure with addition of a boat chute and fish ladder.	Challenge is funding for project. Solution could be grants from Roundtable and/or other sources.	Continue seeking suitable funding sources.	IPP	ARK-2015-0028
Fremont	Fremont Diversion Structure	CPW/Ditch Company	Reconstruct existing diversion structure.	Incorporate boat chute and fish ladder retrofit.	Challenge is funding for project. Solution could be grants from Roundtable and/or other sources.	Continue seeking suitable funding sources.	IPP	ARK-2015-0029

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Fremont	Lester-Attebery Diversion Structure	CPW/BLM/Ditch Company	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.	Challenge is funding for project. Solution could be grants from Roundtable and/or other sources.	Seek suitable funding sources.	IPP	ARK-2015-0030
Fremont	CF&I Diversion Structure	CPW/CF&I	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.	Challenge is funding for project. Solution could be grants from Roundtable and or other sources.	Seek suitable funding sources.	IPP	ARK-2015-0031
Fremont	Minnequa Dam	CPW/M Corp.	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.	Challenge is funding for project. Solution could be grants from Roundtable and/or other sources.	Continue seeking suitable funding sources.	IPP	ARK-2015-0033
Fremont	MacKenzie Avenue Bridge	CPW/Valco Ponds	Construct put-in and take-out.	Incorporate put-in and take-out.	Challenge is funding for project. Solution could be grants from Roundtable and/or other sources.	Continue seeking suitable funding sources.	IPP	ARK-2015-0034
Fremont	Southern Red Belly Dace Management	CPW	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.	Challenge is funding for project. Solution could be grants from Roundtable.	Continue seeking suitable funding sources.	IPP	ARK-2015-0037
Fremont	Arkansas Darter Management	CPW	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.	Challenge is funding for project. Solution could be grants from Roundtable.	Continue seeking suitable funding sources.	IPP	ARK-2015-0038
Fremont	Beaver Creek Management	CPW	Fish and wildlife preservation and enhancement.	Instream flow protection, instream habitat enhancement, riparian protection.	Challenge is timing of appropriation.	Continue with planning for 2015 water right appropriation through CWCB and CPW staff.	IPP	ARK-2015-0039
Fremont	Beaver Creek Water Management	CPW, Beaver Park Irrigation Co, Victor, Anglo Gold Corp., Cripple Creek, Colorado Springs, Penrose	Water efficiency.	Improved efficiency of water storage and management in the Skaguay - Beaver Creek drainage, coordination of water users, increase storage to decreed historical volume.	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.	IPP	ARK-2015-0040
Fremont	Beaver Creek - West Beaver Creek Instream Flow Appropriation	CPW	Fish and wildlife preservation and enhancement.	Instream Flow Appropriation. Currently listed on CWCB website for proposed appropriation in 2015.	Challenge is timing of appropriation.	Continue with planning for 2015 water right appropriation through CWCB and CPW staff.	IPP	ARK-2015-0041
Fremont	Beaver Creek - East Beaver Creek Instream Flow Appropriation	CPW	Fish and wildlife preservation and enhancement.	Instream flow appropriation.	Challenge is timing of appropriation.	Continue with planning for 2015 water right appropriation through CWCB and CPW staff.	IPP	ARK-2015-0042
Fremont	Stonewall Springs Reservoir	CPW	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.	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.	IPP	ARK-2015-0044
Fremont	Lower Arkansas River Water Management - CPW 1	CPW	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.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0050
Fremont	Lower Arkansas River Seasonal Water Management	CPW	Fish and wildlife preservation and enhancement.	Riparian protection and enhancement, stabilize reservoir water delivery and storage during breeding season (April 1 - September 1).	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0052
Fremont	Four Mile Creek Water Management - CPW 1	CPW	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.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0058
Fremont	Four Mile Creek Water Management - CPW 2	CPW	Fish and wildlife preservation and enhancement.	Flow and pond storage level protection for native fish, sport fish, waterfowl, fishing recreation and hunting.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0059

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Fremont	Voluntary Flow Management Plan (VFMP) - CPW 1	CPW	Supports 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.	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.	IPP	ARK-2015-0062
Fremont	Voluntary Flow Management Plan (VFMP) - CPW 2	CPW	Supports existing VFMP.	Continued support, cooperation and enhancement of the VFMP.	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.	Continue working with stakeholders to secure adequate water when needed and renew VFMP agreement when needed.	IPP	ARK-2015-0063
Fremont	Voluntary Flow Management Plan Supplemental Water - CPW 1	CPW	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.	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.	IPP	ARK-2015-0064
Fremont	Voluntary Flow Management Plan Supplemental Water - CPW 2	CPW	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.	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.	IPP	ARK-2015-0065
Fremont	Voluntary Flow Management Plan Supplemental Water - CPW 3	CPW	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.	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.	IPP	ARK-2015-0066
Fremont	Voluntary Flow Management Plan Supplemental Water - CPW 4	CPW	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.	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.	IPP	ARK-2015-0067
Fremont	Voluntary Flow Management Plan Supplemental Water - CPW 5	CPW	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.	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.	IPP	ARK-2015-0068
Fremont	Voluntary Flow Management Plan Supplemental Water - CPW 6	CPW	Secure water and storage (owned) to supplement existing VFMP.	CPW to acquire approximately 2,000 AF of water rights for VFMP.	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.	IPP	ARK-2015-0069
Fremont	Voluntary Flow Management Plan Supplemental Water - CPW 7	CPW	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.	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.	IPP	ARK-2015-0070
Fremont	Re-operate CPW Storage Rights in DeWeese Reservoir	BLM; Nonconsumptive Needs Committee	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.	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.	IPP	ARK-2015-0087
Fremont	Herring Park	USFS	Past mountain pine beetle epidemic, urban interface, improve forest health condition, 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.	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.	IPP	ARK-2015-0179

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Fremont	Locke Mountain	USFS	Improve forest health, large transmission line on west side of project (serves wet mtn. valley). Upper end of Newlin Creek, which feeds Florence's water supply. Prescribed fire and some mechanical vegetation treatment opportunities.	Above water intake for city of Florence. Last management – Ponderosa Pine (20 years). Currently heavily stocked with vegetation. Currently some insect and disease impacts. Moderate fuelwood area with limited timber market opportunities (lack of good roads), moderate recreation area. Heavy fire load area. 4,500 acres.	Improve water quality, maintain water storage capabilities, reduce impacts of insect and disease infestation and reduce impact of wildfire on WUI.	Initial project design needed. Need to complete NEPA.	Master Needs List	ARK-2015-0204
Fremont	Oak Creek Grade - County Road 143 Upgrade and Sedimentation Stabilization	USFS	Sediment from CR 143 maintenance activities continues to enter Oak Creek and cause degradation of the aquatic habitat.	Develop a strategy to upgrade/maintain/re-construct the road to reduce/minimize sediment entering into the stream channel of Oak Creek from the maintenance of CR 143.	Improve water quality.	Initial project design needed. Need to complete NEPA.	Master Needs List	ARK-2015-0215
Fremont	Catamount	USFS, CSU, BLM, CUSP, CSFS	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.	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 water quality, maintain water storage capabilities, reduce impacts of insect and disease infestation and reduce impact of wildfire on WUI.	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.	IPP	ARK-2015-0222
Fremont	Watershed Health Collaborative	ABRT	Address watershed health risks.	Formation of a basin-wide collaborative to address watershed health risks and protection of water supply and quality.	Increase collaboration.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0224
Fremont	Watershed Health Strategic Plan	ABRT	Address watershed health risks.	Basin-wide strategic watershed plan including projects, programs, and processes to mitigate watershed health risks.	Increase basin-wide, prioritized projects.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0225
Fremont	Garden Park	BLM	General watershed health.	Fuels reduction treatments, riparian recovery/construct water source/better livestock distribution, trail redesign based on erosion and sensitive plants.	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.	IPP	ARK-2015-0264
Fremont	Trail Gulch / Seep Springs	BLM	General watershed health.	Fuels reduction treatment, riparian recovery/construct water source.	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.	IPP	ARK-2015-0265
Fremont	Deer Haven / High Park / Booger Red	BLM	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.	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.	IPP	ARK-2015-0266
Fremont	State Highway 9 Fuels Reduction Project	BLM	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.	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.	IPP	ARK-2015-0267
Fremont	Badger Creek Watershed Health	BLM	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.	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.	IPP	ARK-2015-0268
Fremont	Badger Creek Riparian	BLM	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.	Additional water developments, strengthen existing grazing enclosures, work with state land board to implement seamless grazing rotation.	Recruit fence crews and work with partners.	IPP	ARK-2015-0269

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Fremont	Badger Creek Water Developments	BLM	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.	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.	IPP	ARK-2015-0270
Fremont	Arkansas Mainstem Grazing Management Improvement	BLM	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.	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.	IPP	ARK-2015-0271
Fremont	Wellsville Forest Health	BLM	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.	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.	IPP	ARK-2015-0272
Fremont	Sweetwater Forest Health	BLM	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.	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.	IPP	ARK-2015-0273
Fremont	Frenchman Creek	BLM	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%.	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.	IPP	ARK-2015-0275
Fremont	Grape Creek Travel Management	BLM	General watershed health.	Travel management plan implementation. The Arkansas River Travel Management Plan identified a single route along the length of Grape Creek. Most of this trail is user defined and lightly used; however, the lower section, mainly from Ecology Park to the Arkansas River, receives a high amount of public usage and there has never been a single trail constructed. This has resulted in several social trails along the creek and riparian area.	Trail reroutes to reduce number of social trails and number of redundant paths.	Work with partners to implement trails plan; design and construct designated trail.	Master Needs List	ARK-2015-0276
Fremont	Southwest Cañon City Forest Health	BLM	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.	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.	IPP	ARK-2015-0277
Fremont	Lake County CWPP Implementation	BLM	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.	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.	IPP	ARK-2015-0278

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Fremont	Blue Heron	BLM	Sedimentation, recreational, fisheries.	Rebuild diversion, habitat and recreational improvements.	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.	IPP	ARK-2015-0282
Fremont	Rehabilitation of Dams	LAVWCD and others	Deferred maintenance on dams.	Dams in the state have been neglected for many years and maintenance has been deferred. These dams are in need of repair.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0542
Fremont	Phantom Canyon Reservoir	Not Provided	Provide water storage vessel above Pueblo Reservoir, provide flexibility in water releases for recreation and environment.	Preliminary design of a 54,000 AF storage vessel in the vicinity of existing Brush Hollow Reservoir. Off-channel on private property. Easement to Lester-Attebery diversion point established.	Plans have been developed. Engage stakeholders to develop scope of work, entitles for completion.	Develop and implement scope of work.	Master Needs List	ARK-2015-0559
Fremont	2015 Proposed Instream Flow Appropriation - Beaver Creek	Colorado Parks and Wildlife	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.	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.	IPP	ARK-2015-0571
Fremont	2015 Proposed Instream Flow Appropriation - West Beaver Creek	Colorado Parks and Wildlife	Provide flows in West Beaver Creek.	Instream flow project for West Beaver Creek from the confluence at Douglas Gulch to the confluence at East Beaver Creek.	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.	IPP	ARK-2015-0572
Huerfano	CSWD Cucharas River Bank Intake Structure	CSWD	Municipal Water Supply Gap CSWD.	Appropriate water right, conduct permitting and construct facilities for Cucharas River bank intake.	Initiate water right application, permit, design, and construct facilities.	Authorization of activities to implement by public body.	Master Needs List	ARK-2015-0001
Huerfano	Cucharas Mountain Resort Storage	CMR, CSWD	Water storage for summer recreation and winter snow making at Cucharas Mountain Resort (CSWD).	Transfer water right, permitting, and construct facilities.	Initiate water right application, permit, design, and construct facilities.	Authorization of activities to implement by public body.	Master Needs List	ARK-2015-0002
Huerfano	South Baker Creek Reservoir	CSWD	Municipal water storage shortage Cucharas SWD.	Acquisition, construction, permitting, and adjudication of South Baker Creek Reservoir.	Initiate project description.	Authorization of activities to implement by public body.	Master Needs List	ARK-2015-0003
Huerfano	Huerfano River Futile Call Administration Model and Gages	DEO, HCWCD	Timely futile call administration on Huerfano and Cucharas Rivers.	Transit or futile call model development as requested by DEO and HCWCD.	Develop water admin model in conjunction with DEO.	HCWCD board members engage DEO and contract with appropriate consultants.	Master Needs List	ARK-2015-0004
Huerfano	Huerfano Basin Regional Augmentation Plan	HCWCD, CWCB	Augmentation for irrigation, domestic, commercial, and industrial uses with failed or no augmentation plans.	Complete SWSP '15 and 13CW3062 decree and remaining construction of Red Wing and Camp Ranch augmentation facilities.	Complete project as implemented.	Continued funding and oversight by HCWCD.	Master Needs List	ARK-2015-0005
Huerfano	Cucharas Basin Regional Augmentation Plan	HCWCD	Augmentation for irrigation, domestic, commercial, and industrial uses with failed or no augmentation plans.	Acquire water rights and necessary facilities; obtain SWSP and Augmentation Plan approval, permitting.	Initiate project elements and/or develop feasibility study/development plan.	Funding, oversight and implementation by HCWCD.	Master Needs List	ARK-2015-0006
Huerfano	Collaborative Storage Study: Huerfano and Cucharas Basins	HCWCD, DEO	Resolution of redundant, perhaps conflicting, aspirations for increased storage via repair of existing and construction of new vessels. On the Cucharas alone, there are 10 instances involving six entities.	Identify needs and opportunities for collaborative repair, construction, and operation of selected vessels to meet all needs.	Initiate reconnaissance level investigation of opportunities with regional stakeholders.	Funding, oversight and implementation by HCWCD.	Master Needs List	ARK-2015-0007
Huerfano	Holita Reservoir - West Dam Rehabilitation	Corsentino Dairy, Star Ranch, HCWCD	Dam under SEO order.	Rehabilitation of dam.	Engage qualified parties to develop rehabilitation plan, cost estimate, and schedule in collaboration with DEO.	Holita Reservoir owners initiate activity.	Master Needs List	ARK-2015-0008
Huerfano	La Veta Town Lakes Expansion	Town of La Veta, HCWCD	Municipal water storage shortage in La Veta.	Enlarge to hold conditional storage decree and direct flow right transfer to storage.	Engage qualified parties to develop plan, cost estimate and schedule in collaboration with DEO.	Town of La Veta initiate activities in collaboration with DEO and HCWCD.	Master Needs List	ARK-2015-0009
Huerfano	La Veta Mexican Ditch Transfer Facilities	Town of La Veta, HCWCD	Municipal Water Supply Gap - La Veta.	Complete facilities for Mexican Ditch transfer from 00CW 130, return flow pond, measuring devices and satellite uplinks, piping, survey and monument land dry up.	Complete project as described.	Manage project to completed status.	Master Needs List	ARK-2015-0010
Huerfano	Walsenburg Municipal Storage Remediation	City of Walsenburg, HCWCD	Municipal water storage shortage in Walsenburg.	Remediation of 5 reservoirs, including those with SEO orders. Wahatoya Dam, North Walsenburg Flood Control Dam, Martin Lake Dam, Lake City Dam, Daigre Dam.	Initiate reconnaissance level investigation of opportunities with regional stakeholders.	Funding, oversight and implementation by Town of Walsenburg with collaboration with HCWCD.	Master Needs List	ARK-2015-0011
Huerfano	City of Walsenburg Water System Rehabilitation	City of Walsenburg, HCWCD	Municipal Water Supply Gap in Walsenburg.	Rehabilitation of municipal raw water pipeline and treated water storage tank.	Continued funding of rehabilitation program.	Manage project to completed status.	Master Needs List	ARK-2015-0012

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Huerfano	Cucharas River Watershed Assessment	HCWCD, CWCB, Town of La Veta, City of Walsenburg, CSWD, Huerfano County BOCC, LVFPD, HCFPD, UHFPD, CSFS, DWR, USS, NRCS	Assess watershed health for fire/flood mitigation and source water protection in the Cucharas Basin.	Design and construct specific watershed protection projects identified in 2014 collaborative watershed assessment. 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.	Collaboratively developed plan.	CWCB grant in to assist in 2015.	IPP	ARK-2015-0013
Huerfano	Huerfano River Watershed Assessment	HCWCD, Huerfano County	Assess watershed health for fire/flood mitigation and source water protection in the Huerfano Basin.	Initiate collaborative watershed assessment; design and construct mitigation facilities.	Initiate collaborative watershed assessment; design and construct mitigation facilities.	Develop and implement scope of work.	Master Needs List	ARK-2015-0014
Huerfano	Southern Red Belly Dace Management	CPW	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.	Challenge is funding for project. Solution could be grants from Roundtable.	Continue seeking suitable funding sources.	IPP	ARK-2015-0037
Huerfano	Arkansas Darter Management	CPW	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.	Challenge is funding for project. Solution could be grants from Roundtable.	Continue seeking suitable funding sources.	IPP	ARK-2015-0038
Huerfano	Lower Arkansas River Water Management - CPW 1	CPW	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.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0050
Huerfano	Lower Arkansas River Seasonal Water Management	CPW	Fish and wildlife preservation and enhancement.	Riparian protection and enhancement, stabilize reservoir water delivery and storage during breeding season (April 1 - September 1).	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0052
Huerfano	Apishapa River Instream Flow Appropriation	CPW	Fish and wildlife preservation and enhancement.	Instream Flow Appropriation. Currently listed on CWCB website for proposed appropriation in 2015.	Challenge is timing of appropriation.	Continue with planning for 2015 water right appropriation through CWCB and CPW staff.	IPP	ARK-2015-0060
Huerfano	Greenhorn	USFS	Protect municipal water sources, 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.	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.	IPP	ARK-2015-0201
Huerfano	Cuchara	USFS	Second highest urban interface density on the district, improve forest health, improve protection of Cuchara and Walsenburg's water supplies, aligns with the Cucharas River Watershed Group's recent reports.	Above water intake for Cuchara – water flows down to multiple water storage structures for Walsenburg. Last management – nothing in the last 30 years. Currently heavily stocked with flammable vegetation. Currently some insect and disease impacts. 2013's 10,000 acre East Peak Fire about 10 miles east of the proposed project area. Moderate fire load. 1,500 acres.	Improve water quality, maintain water storage capabilities, reduce impacts of insect and disease infestation and reduce impact of wildfire on WUI.	Initial project design needed. Need to complete NEPA.	Master Needs List	ARK-2015-0205
Huerfano	Devil's Hole Wildlife Habitat Enhancement	USFS	Conifer encroachment in meadows/savannah pinyon-juniper forests; ponderosa pine plantations have too high canopy cover versus historical conditions.	Williams Creek flows into Huerfano River, which is tributary to the Arkansas River. This project involves hydro-axing ~200+ ac. pinyon juniper, ponderosa pine plantations, and conifer-encroached meadow habitats to reduce canopy cover/basal area, due to conifer encroachment, to open up the stands to more closely resemble the historical conditions that were present pre-fire suppression era.	Reduce negative impacts from wildfire. Improve water quality, improve wildlife habitat.	Initial project design needed. Need to complete NEPA.	Master Needs List	ARK-2015-0212
Huerfano	Slide Mountain Wildlife Habitat Prescribed Burn	USFS	Grasses becoming decadent/low palatability/nutritional value due to lack of fire.	Conduct prescribed burning in ~115 ac. of montane meadows to improve palatability/nutritional value of grasses/forbs in montane meadows.	Improve wildlife habitat.	Initial project design needed. Need to complete NEPA.	Master Needs List	ARK-2015-0213
Huerfano	Watershed Health Collaborative	ABRT	Address watershed health risks.	Formation of a basin-wide collaborative to address watershed health risks and protection of water supply and quality.	Increase collaboration.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0224
Huerfano	Watershed Health Strategic Plan	ABRT	Address watershed health risks.	Basin-wide strategic watershed plan including projects, programs, and processes to mitigate watershed health risks.	Increase basin-wide, prioritized projects.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0225
Huerfano	Rehabilitation of Dams	LAVWCD and others	Deferred maintenance on dams.	Dams in the state have been neglected for many years and maintenance has been deferred. These dams are in need of repair.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0542
Huerfano	2015 Proposed Instream Flow Appropriation - Baker Creek	Colorado Parks and Wildlife	Provide flows in Baker Creek.	Instream flow project for Baker Creek from the headwaters to US Forest Service boundary.	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.	IPP	ARK-2015-0573
Huerfano	2015 Proposed Instream Flow Appropriation - Bonnett Creek	Colorado Parks and Wildlife	Provide flows in Bonnett Creek.	Instream flow project for Bonnett Creek from the headwaters to US Forest Service boundary.	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.	IPP	ARK-2015-0574

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Kiowa	Watershed Health Collaborative	ABRT	Address watershed health risks.	Formation of a basin-wide collaborative to address watershed health risks and protection of water supply and quality.	Increase collaboration.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0224
Kiowa	Watershed Health Strategic Plan	ABRT	Address watershed health risks.	Basin-wide strategic watershed plan including projects, programs, and processes to mitigate watershed health risks.	Increase basin-wide, prioritized projects.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0225
Kiowa	SECWCD Regional Water Conservation Plan Implementation	SECWCD	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.	Implement District's Approved Regional Water Conservation Plan.	Implement current scope of work.	IPP	ARK-2015-0259
Kiowa	Local Water Conservation Planning	SECWCD	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.	Conduct and implement local and regional water conservation planning.	Implement current scope of work and develop additional scope of work.	IPP	ARK-2015-0262
Kiowa	Water Loss Management Audits	SECWCD	Conduct triannual system-wide water audits to support the assessment and reduction of distribution system water loss.	Projects will include conducting AWWA M-36 Water Audits on all MC and AVC project participants to track improvements in system wide management of non-revenue water and water loss.	Provide third party, standardized water loss management audit.	Implement current scope of work and develop additional scope of work.	Master Needs List	ARK-2015-0263
Kiowa	Great Plains Reservoir Restoration	CPW	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.	Purchase additional water rights.	Determine funding and conveyance approach.	IPP	ARK-2015-0289
Kiowa	Well Monitoring in Southern High Plains Designated Groundwater Basin	Southern High Plains Groundwater Management District	Sustainable funding for static water level monitoring at wells to help manage aquifer depletion.	Partner with state engineering and groundwater commission to continue well monitoring in Southern High Plains Water Management District.	Identify funding sources and project partners to continue water level monitoring.	Complete project partnership agreements, fund as available.	Master Needs List	ARK-2015-0564
Lake	Placer Gold Panning/Dredging Operations	CPW	Use BMPs in management of gold panning/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.	Challenges are water availability and management restrictions for recreational mining activities at Cache Creek.	Management alternatives are being addressed in public meetings with BLM currently for Cache Creek area.	IPP	ARK-2015-0023
Lake	Cutthroat Trout Management	CPW	Fish and wildlife preservation and enhancement.	Improved cutthroat trout habitat through Instream flow maintenance, instream habitat improvement, land use/stormwater (sedimentation) protection.	Challenge is funding for project.	Continue seeking suitable funding sources.	IPP	ARK-2015-0043
Lake	Stonewall Springs Reservoir	CPW	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.	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.	IPP	ARK-2015-0044
Lake	Voluntary Flow Management Plan (VFMP) - CPW 1	CPW	Supports 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.	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.	IPP	ARK-2015-0062
Lake	Voluntary Flow Management Plan (VFMP) - CPW 2	CPW	Supports existing VFMP.	Continued support, cooperation and enhancement of the VFMP.	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.	Continue working with stakeholders to secure adequate water when needed and renew VFMP agreement when needed.	IPP	ARK-2015-0063
Lake	Voluntary Flow Management Plan Supplemental Water - CPW 1	CPW	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.	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.	IPP	ARK-2015-0064

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Lake	Voluntary Flow Management Plan Supplemental Water - CPW 2	CPW	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.	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.	IPP	ARK-2015-0065
Lake	Voluntary Flow Management Plan Supplemental Water - CPW 3	CPW	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.	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.	IPP	ARK-2015-0066
Lake	Voluntary Flow Management Plan Supplemental Water - CPW 4	CPW	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.	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.	IPP	ARK-2015-0067
Lake	Voluntary Flow Management Plan Supplemental Water - CPW 5	CPW	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.	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.	IPP	ARK-2015-0068
Lake	Voluntary Flow Management Plan Supplemental Water - CPW 6	CPW	Secure water and storage (owned) to supplement existing VFMP.	CPW to acquire approximately 2,000 AF of water rights for VFMP.	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.	IPP	ARK-2015-0069
Lake	Voluntary Flow Management Plan Supplemental Water - CPW 7	CPW	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.	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.	IPP	ARK-2015-0070
Lake	Colorado Gulch Restoration	Colorado Mountain College	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.	Improve water quality by removing heavy metals with bioreactor.	Continue testing of bioreactors to determine if functioning properly.	IPP	ARK-2015-0092
Lake	Eagle River Joint-Use Project (Eagle River MOU)	Colorado Springs Utilities	Develop decreed conditional water rights for municipal use in Colorado Springs, Aurora, and Eagle County.	The ERMOU Joint Use Water Project (ERMOU Project) derives from the 1998 Eagle River MOU among East and West Slope water users for development of a joint use water project in the Eagle River basin that minimizes environmental impact, is cost effective, technically feasible, can be permitted by local, state and federal authorities, and provides 20,000 acre feet per year (AFY) average annual yield for East Slope use, 10,000 AFY firm dry year yield for West Slope use, and 3,000 AF of reservoir capacity for Climax Molybdenum Co.	Continue implementation of project elements as appropriate.	Manage project to completed status.	Master Needs List	ARK-2015-0097
Lake	Box Creek	USFS	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.	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.	IPP	ARK-2015-0197
Lake	Tennessee Creek	USFS, Multiple Partners (Aurora, Pueblo, Colo. Springs Utilities, Xcel, BOR)	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.	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.	IPP	ARK-2015-0198

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Lake	Flume Creek	USFS	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.	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.	IPP	ARK-2015-0199
Lake	Twin Lakes Burn	USFS	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.	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.	IPP	ARK-2015-0216
Lake	Halfmoon Creek	USFS, CPW	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.	Improve fisheries habitat.	Analysis complete, individual projects can be ready to implement within 6 months of receipt of funds.	IPP	ARK-2015-0223
Lake	Watershed Health Collaborative	ABRT	Address watershed health risks.	Formation of a basin-wide collaborative to address watershed health risks and protection of water supply and quality.	Increase collaboration.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0224
Lake	Watershed Health Strategic Plan	ABRT	Address watershed health risks.	Basin-wide strategic watershed plan including projects, programs, and processes to mitigate watershed health risks.	Increase basin-wide, prioritized projects.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0225
Lake	Cache Creek Thinning	BLM	General watershed health.	This project is a mechanical thinning for forest health, fuels reduction, and wildlife habitat enhancement.	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.	IPP	ARK-2015-0279
Lake	Sherman Mine/Upper Iowa Gulch Restoration	BLM	Bedload, sediment	The Sherman Mine sits almost at 11,000 feet in elevation at the top of Iowa Gulch above the town of Leadville, CO. The mine site was abandoned in the 1980s. In 2005, abandoned buildings and equipment were removed from the site and the draining adit was safeguarded so that people cannot enter it, although water still emanates from the site. Water draining from the adit flows through a large pile of mine waste rock that moves down stream into a wetland area during high precipitation events and spring runoff. In FY 2014, the LFWWG and Trout Unlimited are studying a remedy for stabilization of this large mass of material, and a remedy will be constructed in the summer of 2017.	Stabilize channel and reduce downstream sedimentation to wetlands.	Work with partners to design and implement stabilization.	IPP	ARK-2015-0280
Lake	Paddock	BLM	General watershed health.	The Paddock treatment, located adjacent to the Paddock State Wildlife Area, will mechanically treat small-diameter lodgepole pine using conventional logging equipment. The objectives of this proposal are to reduce ladder fuels by removing small lodgepole pine, improve forest health by reducing the forest tree density, and remove mistletoe infected trees, maintain and increase forest age class diversity, improve wildlife habitat by improving the understory plant species vigor, reduce mountain pine beetle risk and remove all current attacks, and reduce chances of a sustained canopy wildfire by creating gaps in the forest canopy, protect the water quality, soils, and nearby homes.	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.	IPP	ARK-2015-0281
Lake	Upper Arkansas Water Storage Coalition	Upper Arkansas Water Conservation District	Cost of storage and multi-use projects to address the large amount of basin needs is generally prohibitive for a single entity. The need is pervasive. The common element to addressing these needs is development of storage and integrated or cooperative management.	Create an entity that includes parties with the same or similar needs and develop joint projects to address these needs. Several projects are being planned or contemplated to create storage. Getting to the construction phase is time consuming and expensive thereby creating the need for collaboration and joint funding.	Initiate reconnaissance level investigation of opportunities with regional stakeholders.	Funding, oversight and implementation by stakeholders in collaboration with DEO.	Master Needs List	ARK-2015-0487
Lake	Birdseye Dam and Reservoir	Lake County	Stable reliable source of water for agriculture, recreation, and municipal needs, more small storage at Birdseye Reservoir.	Construction of a new non-jurisdictional dam that will provide 30 acre-feet of storage in the upper reaches of the drainage.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0523
Lake	Flume Replacement at Big Evans Reservoir	Parkville Water District	The old wooden flume is in danger of failing that could cause failure of the dam. It needs to be replaced with a new concrete structure.	Replace existing wooden flume with new 300-foot concrete flume.	Replace wooden flume with concrete flume.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Master Needs List	ARK-2015-0527

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Lake	Outlet Replacement at Mountain Lake Dam	Parkville Water District	The existing outlet pipe is under pressure and creates a hazard for dam safety.	Replace the existing outlet works gate valve, located in the dam, with a new gate valve on upstream face of the dam.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0528
Lake	As-Built Survey - Hayden Meadows Pond	Lake County	A volume survey is required for augmentation plan.	The as-built survey, certifying the storage volume of the Hayden Meadows Pond was not completed at the end of construction. The survey is now required for augmentation planning.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0529
Lake	Outlet Replacement at Mountain Lake Dam	Parkville Water District	The existing outlet pipe is under pressure and creates a hazard for dam safety.	Replace the existing outlet works gate valve, located in the dam, with a new gate valve on upstream face of the dam.	Replace outlet works gate valve.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Master Needs List	ARK-2015-0550
Las Animas	Purgatoire River Flow Augmentation	CPW	Fish and wildlife preservation and enhancement.	Winter flow augmentation during WWSP period.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0015
Las Animas	Purgatoire River Native Fish Project	CPW	Fish and wildlife preservation and enhancement.	Native fish habitat protection, riparian protection, instream flow/maintenance of natural flow regime as opportunities allow.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0016
Las Animas	Purgatoire River Habitat Project	CPW	Fish and wildlife preservation and enhancement.	Riparian protection/enhancement, instream flow appropriation, instream habitat improvement, land use protection.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0017
Las Animas	Purgatoire River Management	CPW	Fish and wildlife preservation and enhancement.	Stream habitat improvement/bank stabilization.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0018
Las Animas	Purgatoire River Aquifers	CPW	Fish and wildlife preservation and enhancement.	Develop deep water aquifers pursuant to CPW decrees.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0019
Las Animas	Southern Red Belly Dace Management	CPW	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.	Challenge is funding for project. Solution could be grants from Roundtable.	Continue seeking suitable funding sources.	IPP	ARK-2015-0037
Las Animas	Arkansas Darter Management	CPW	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.	Challenge is funding for project. Solution could be grants from Roundtable.	Continue seeking suitable funding sources.	IPP	ARK-2015-0038
Las Animas	Lower Arkansas River Water Management - CPW 1	CPW	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.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0050
Las Animas	Lower Arkansas River Seasonal Water Management	CPW	Fish and wildlife preservation and enhancement.	Riparian protection and enhancement, stabilize reservoir water delivery and storage during breeding season (April 1 - September 1).	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0052
Las Animas	Purgatoire River Reaches 5 and 6 Habitat Improvement Project	TU (PRATU), City of Trinidad, PRWCD	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.	Installation of trout habitat structures and recreational access.	Reaches 3 and 4 have been completed. Complete Phase III of project.	IPP	ARK-2015-0149
Las Animas	Trinidad/Purgatoire River Reach 4 Demonstration Project	Not Provided	Restore and improve the riparian habitat of the Purgatoire and Trinidad Rivers for enhanced environmental and recreational benefits.	Not Provided	Implement scope of work.	Manage project to completed status.	Master Needs List	ARK-2015-0150
Las Animas	NF Purgatoire Bighorn Sheep Habitat Enhancement Prescribed Burn	USFS	Lack of disturbance (fire) causing bighorn sheep habitat to decline/degrade in quality/quantity on south aspect slopes.	Conduct prescribed burning on ~500 ac. of south-aspect slopes to improve palatability/nutritional value of grasses/forbs on mountain slopes; set back succession and open up the slopes for better sight visibility to bighorn sheep by burning shrubs back.	Improve wildlife habitat.	Initial project design needed. Need to complete NEPA.	Master Needs List	ARK-2015-0214
Las Animas	Watershed Health Collaborative	ABRT	Address watershed health risks.	Formation of a basin-wide collaborative to address watershed health risks and protection of water supply and quality.	Increase collaboration.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0224
Las Animas	Watershed Health Strategic Plan	ABRT	Address watershed health risks.	Basin-wide strategic watershed plan including projects, programs, and processes to mitigate watershed health risks.	Increase basin-wide, prioritized projects.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0225

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Las Animas	Boulevard Addition Nature Park: Purgatoire Invasive Species Removal and Habitat Restoration	Purgatoire Watershed Partnership	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.	Remove invasives and stabilize banks.	Acquire funding to expand Phase II of TTP. CWCB grant in to assist in 2016.	IPP	ARK-2015-0230
Las Animas	Purgatoire River Watershed Riparian Rehabilitation	Tackling Tamarisk on the Purgatoire (TTP) Partnership	Maintain, protect, and improve the ecological integrity of the Purgatoire River Watershed (PRW). Invasive plan 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.	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.	IPP	ARK-2015-0250
Las Animas	North Fork to North Lake Aqueduct Repair	Not Provided	Replace aging infrastructure.	Existing aqueduct is from the 1930s. The aqueduct is a concrete channel. A pipe will be laid in the channel.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0511
Las Animas	Browns Creek to Monument Lake Conveyance	Not Provided	Existing half pipe does not have carrying capacity for all water in priority.	Remove half and replace with full pipe.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0512
Las Animas	Valdez and Burro Canyon River Crossing of Potable Transmission Line	Not Provided	Eroding river bank threatens transmission line at river crossings.	Stabilize river bank and transmission line.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0513
Las Animas	Segundo Potable Water Transmission Line Replacement	Not Provided	Aging transmission line at end of useful life.	The City of Trinidad's potable water transmission line serves several small communities upstream of Trinidad, including Segundo. Need to replace existing 2" line with 6" line, for increased capacity and fire fighting capability.	Replace existing 2" line with 6" line, for increased capacity and fire fighting capability.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Master Needs List	ARK-2015-0514
Las Animas	Santa Fe Pumpouse Transmission line Replacement	Not Provided	Aging transmission line at end of useful life.	This portion of Trinidad's transmission line fills a satellite potable water storage tank. Replace 24" line. Approximately 1,400 feet.	Replace 24" line. Approximately 1,400 feet.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Master Needs List	ARK-2015-0515
Las Animas	City of Trinidad Watershed Forest Plan	Not Provided	Forest plan required to qualify for USDA Equipment Mitigation Grant.	Mature forest requires treatment for watershed health and potential fire damage. Site specific forest plan for use in establishing a mitigation plan.	Develop scope of work with stakeholder engagement.	Seek funding solutions, implement scope of work.	Master Needs List	ARK-2015-0516
Las Animas	Trinidad Project Infrastructure Upgrade	Purgatoire River Water Conservancy District	Decaying ditch infrastructure.	Repair and replace deteriorating ditch diversion structures and canal embankments.	Repair / replace damaged structure and embankments.	Currently in the process of developing a WSRA grant application.	Master Needs List	ARK-2015-0517
Las Animas	El Moro - Hoehne Pipeline Association Water Line Replacement	El Moro - Hoehne Pipeline Association	Repair and replace 50-year-old AC water lines for a rural water system with 180 users.	The requesting entity is a rural water association serving 180 families. The project will replace damaged and leaking pipe.	Locate and replace damaged and leaking pipe.	Currently in the process of developing a WSRA grant application.	Master Needs List	ARK-2015-0518
Las Animas	Our Water, Our Watershed	PWP	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.	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.	IPP	ARK-2015-0519
Las Animas	Baca-Picketwire Headgate Improvement	PWP	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.	Repair and install headgate and associated structures.	Scope of work is complete. Acquire funding to implement planned improvements.	IPP	ARK-2015-0520
Las Animas	Powell Arroyo Siphon Protection Structure	Baca Ditch Co.	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.	Implement stabilization treatments.	Scope of work is complete. Acquire funding to implement planned improvements.	IPP	ARK-2015-0521
Las Animas	Chilili Ditch Diversion and Improvement	Chilili Ditch Co., PWP	Accurately divert water into ditch, impede fish access, and reach all users.	Install headgate that disperses cfs decree accurately to maintain river flow for fish habitat and divert water to all water users. Address infrastructure issues that result in water loss, such as ditch lining and erosion abatement.	Headgate diversion structure and ditch improvements.	Develop scope of work and engineering/design plans.	Master Needs List	ARK-2015-0522

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Las Animas	Rehabilitation of Dams	LAVWCD and others	Deferred maintenance on dams.	Dams in the state have been neglected for many years and maintenance has been deferred. These dams are in need of repair.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0542
Las Animas	Two Buttes Creek Tamarisk Removal Project	Natural Resources Conservation Service, Baca County Conservation District, Branson Trinchera Conservation District.	Tamarisk removal in Baca County.	Partner with NRCS to identify and eradicate tamarisk along the Two Buttes Creek flow line. Addition to previous efforts.	Coordinate with NRCS to identify and locate tamarisk, determine method(s) for removal and remove invasive species.	Implement Action Plan in phases based on availability of funding and in-kind resources.	Master Needs List	ARK-2015-0561
Las Animas	2015 Proposed Instream Flow Appropriation - Apishapa River	Colorado Parks and Wildlife	Provide flows in the Apishapa River.	Instream flow project for Apishapa River from the headwaters to the confluence at Herlick Canyon Creek.	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.	IPP	ARK-2015-0575
Lincoln	Watershed Health Collaborative	ABRT	Address watershed health risks.	Formation of a basin-wide collaborative to address watershed health risks and protection of water supply and quality.	Increase collaboration.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0224
Lincoln	Watershed Health Strategic Plan	ABRT	Address watershed health risks.	Basin-wide strategic watershed plan including projects, programs, and processes to mitigate watershed health risks.	Increase basin-wide, prioritized projects.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0225
Lincoln	Denver Basin Formations and Alluvium Interaction Project (Upper Big Sandy Water Balance)	Upper Big Sandy Groundwater Management District, USGS (and other water providers)	Determine water balance in Upper Big Sandy Designated Groundwater basin and maintain appropriate balance.	The Arkansas Basin Roundtable is funding a study to determine the water balance in the Upper Big Sandy DGWB. Alluvial aquifers are in contact in numerous places with the Denver Basin Formations. The unknown is whether the Denver Basin Formations are recharging the alluvial aquifers, or vice versa. The Upper Big Sandy GWMD is working on a scope of work with Susan Paschke with the USGS to evaluate the interaction between the Denver Basin Formations and the alluvium.	Complete funded study and initiate recommended actions.	Implement actions to maintain appropriate balance by Upper Big Sandy Groundwater Management District in collaboration with stakeholders.	Master Needs List	ARK-2015-0498
Lincoln	Management and Education	Upper Big Sandy Groundwater Management District, National Resource Conservation District	Evaluate, monitor, restructure, and educate to conserve and better use current water in Big Sandy Designated Groundwater Basin.	Continue to monitor groundwater levels and educate public about water use and conservation. Preserve local District's authority to manage groundwater.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0499
Lincoln	Metering Program	Upper Big Sandy Groundwater Management District	Metering of wells is needed to provide known input to water balance as water levels decline.	Upper Big Sandy GWMD adopted rules to provide for metering of high capacity wells. Project provides financial assistance.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0500
Lincoln	Ramah Dam Restoration Project	Upper Big Sandy Groundwater Management District, CPW	Ramah Dam was built as a flood control dam and is owned by CPW. It has available storage capacity but has not had water for a number of years.	Work with CPW to restore viability of Ramah Dam to provide water storage, recharge, recreation, and environmental use.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0501
Lincoln	Flood Control Dam Retiming and Recharge Project	Upper Big Sandy Groundwater Management District, Double El Soil Conservation District	Flood control dams temporarily capture stormwater and it is released inefficiently.	Pilot project to select flood control dam and constructed recharge/infiltration ponds below the dam to time releases that will recharge the aquifer.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0502
Lincoln	Noxious Tree Mitigation Program - Big Sandy	Upper Big Sandy Groundwater Management District, Double El Soil Conservation District	Noxious trees use water.	Eradicate noxious trees.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0503
Lincoln	Town of Limon Water System Improvements	Town of Limon	Water system improvements - well rehab, pipe replacement.	Construction, replacement and/or rehabilitation of wells to enhance production and efficiency of permitted town wells and connection to existing infrastructure and assessment, and/or construction of transmission and distribution lines.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0507
Otero	Purgatoire River Management	CPW	Fish and wildlife preservation and enhancement.	Stream habitat improvement/bank stabilization.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0018
Otero	Purgatoire River Aquifers	CPW	Fish and wildlife preservation and enhancement.	Develop deep water aquifers pursuant to CPW decrees.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0019
Otero	Southern Red Belly Dace Management	CPW	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.	Challenge is funding for project. Solution could be grants from Roundtable.	Continue seeking suitable funding sources.	IPP	ARK-2015-0037

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Otero	Arkansas Darter Management	CPW	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.	Challenge is funding for project. Solution could be grants from Roundtable.	Continue seeking suitable funding sources.	IPP	ARK-2015-0038
Otero	Lower Arkansas River Management	CPW	Fish and wildlife preservation and enhancement.	Flow and reservoir level protection for native fish, sport fish, plover/terns, waterfowl, fishing recreation and hunting.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0049
Otero	Lower Arkansas River Water Management - CPW 1	CPW	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.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0050
Otero	Lower Arkansas River Water Management - CPW 2	CPW	Water efficiency.	Water delivery and transit efficiency to enhance riparian, sport fishery, shorebird and waterfowl, hunting, watchable wildlife.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0051
Otero	Lower Arkansas River Seasonal Water Management	CPW	Fish and wildlife preservation and enhancement.	Riparian protection and enhancement, stabilize reservoir water delivery and storage during breeding season (April 1 - September 1).	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0052
Otero	Apishapa River Instream Flow Appropriation	CPW	Fish and wildlife preservation and enhancement.	Instream Flow Appropriation. Currently listed on CWCB website for proposed appropriation in 2015.	Challenge is timing of appropriation.	Continue with planning for 2015 water right appropriation through CWCB and CPW staff.	IPP	ARK-2015-0060
Otero	Arkansas Valley Conduit	Not Provided	Meet current and future demand in the SECWCD service area, relieve water quality issues.	Not Provided	Continue implementation of project elements as appropriate.	Manage project to completed status.	Master Needs List	ARK-2015-0133
Otero	Administrative Tools for Lease Following in the Arkansas River Valley	Not Provided	Prevent or reduce loss of irrigated acreage as the result of permanent transfer of agricultural (irrigation) water rights to other uses.	Not Provided	Implement scope of work.	Manage project to completed status.	Master Needs List	ARK-2015-0161
Otero	Membrane Zero Liquid Discharge Demo Project (La Junta Reverse Osmosis Brine)	Not Provided	Obtain greater efficiency of water usage by eliminating brine discharge resulting from reverse osmosis potable water treatment	Not Provided	Present results of study to Arkansas Roundtable, identify recommendations / actions that can be implemented.	Implement scope of work for project.	Master Needs List	ARK-2015-0171
Otero	Watershed Health Collaborative	ABRT	Address watershed health risks.	Formation of a basin-wide collaborative to address watershed health risks and protection of water supply and quality.	Increase collaboration.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0224
Otero	Watershed Health Strategic Plan	ABRT	Address watershed health risks.	Basin-wide strategic watershed plan including projects, programs, and processes to mitigate watershed health risks.	Increase basin-wide, prioritized projects.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0225
Otero	Minnie Canyon: Purgatoire Invasive Species Removal and Habitat Restoration	Purgatoire Watershed Partnership	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.	Remove invasives and stabilize banks.	CWCB grant in to assist in 2017.	IPP	ARK-2015-0231
Otero	Purgatoire River Watershed Riparian Rehabilitation	Tackling Tamarisk on the Purgatoire (TTP) Partnership	Maintain, protect, and improve the ecological integrity of the Purgatoire River Watershed (PRW). Invasive plan 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.	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.	IPP	ARK-2015-0250
Otero	SECWCD Regional Water Conservation Plan Implementation	SECWCD	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.	Implement District's Approved Regional Water Conservation Plan.	Implement current scope of work.	IPP	ARK-2015-0259
Otero	Water Quality Working Group	SECWCD	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.	Create working group that will develop local and regional solutions.	Implement current scope of work.	IPP	ARK-2015-0260

County(s)	Project Title	Project Proponent	Need or Challenge	Project Description	Solution	Plan of Action	Project Classification	Arkansas Basin ID
Otero	Local Water Conservation Planning	SECWCD	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.	Conduct and implement local and regional water conservation planning.	Implement current scope of work and develop additional scope of work.	IPP	ARK-2015-0262
Otero	Water Loss Management Audits	SECWCD	Conduct triannual system-wide water audits to support the assessment and reduction of distribution system water loss.	Projects will include conducting AWWA M-36 Water Audits on all MC and AVC project participants to track improvements in system wide management of non-revenue water and water loss.	Provide third party, standardized water loss management audit.	Implement current scope of work and develop additional scope of work.	Master Needs List	ARK-2015-0263
Otero	Our Water, Our Watershed	PWP	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.	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.	IPP	ARK-2015-0519
Otero	Super Ditch Delivery Engineering	LAVWCD and others	Prevent or reduce loss of irrigated acreage as the result of permanent transfer of agricultural (irrigation) water rights to other uses.	Project to supply water for municipal and agriculture needs.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0534
Otero	Ag-Muni Conservation Easement Demonstration	LAVWCD and others	Prevent or reduce loss of irrigated acreage as the result of permanent transfer of agricultural (irrigation) water rights to other uses.	Purchase conservation easements throughout the Lower Arkansas Valley with a municipal leasing component to create partnerships with cities to help prevent the dry up of agriculture.	Complete scope of work.	Manage project to completed status.	Master Needs List	ARK-2015-0535
Otero	Use of Head Stabilization Ponds for Recharge	LAVWCD and others	Better water management.	Quantify all return flows from all rule 10 plan ponds.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0536
Otero	Tail Water Study	LAVWCD and others	Inadequate tail water information.	Determine accurate tail water information for better administration of Colorado, Kansas compact.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0537
Otero	Storage Using Recharge	LAVWCD and others	Better water management.	Identify and build recharge sites throughout the Lower Arkansas Basin to allow for better management of return flows.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0538
Otero	Lake Level - Lake Isabel	LAVWCD and others	Need for augmentation water to prevent downstream injury.	Develop water or a plan to keep lake level high.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0539
Otero	Aging Infrastructure Replacement	LAVWCD and others	Aging infrastructure.	Replace aging infrastructure for agriculture and municipalities.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0540
Otero	Lake Levels	LAVWCD and others	Need for additional water and augmentation water to prevent downstream injury.	Develop water or a plan to keep lake level high. Need to make deals with owner of water rights to keep lake levels high for recreation.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0541
Otero	Rehabilitation of Dams	LAVWCD and others	Deferred maintenance on dams.	Dams in the state have been neglected for many years and maintenance has been deferred. These dams are in need of repair.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0542
Otero	Recovery of Yield Group (ROY)	CSU, PBWW, Aurora, SECWCD	Capture water released from Pueblo Reservoir in satisfaction of the 2004 Flow Management Program somewhere downstream.	The ROY Participants agreed to cooperate to develop projects and methods for water recapture and storage for subsequent beneficial use for in-priority diversions of the Subject Exchanges that are annually forgone in order to accommodate the FMP.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0551
Park	Herring Park	USFS	Past mountain pine beetle epidemic, urban interface, improve forest health condition, 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.	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.	IPP	ARK-2015-0179
Park	Deer Haven / High Park / Booger Red	BLM	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.	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.	IPP	ARK-2015-0266

County(s)	Project Title	Project Proponent	Need or Challenge	Project Description	Solution	Plan of Action	Project Classification	Arkansas Basin ID
Park	State Highway 9 Fuels Reduction Project	BLM	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.	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.	IPP	ARK-2015-0267
Park	Badger Creek Watershed Health	BLM	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.	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.	IPP	ARK-2015-0268
Park	Badger Creek Riparian	BLM	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.	Additional water developments, strengthen existing grazing exclosures, work with state land board to implement seamless grazing rotation.	Recruit fence crews and work with partners.	IPP	ARK-2015-0269
Park	Badger Creek Water Developments	BLM	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.	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.	IPP	ARK-2015-0270
Park	Wellsville Forest Health	BLM	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.	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.	IPP	ARK-2015-0272
Park	Sweetwater Forest Health	BLM	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.	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.	IPP	ARK-2015-0273
Park	Frenchman Creek	BLM	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%.	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.	IPP	ARK-2015-0275
Prowers	Southern Red Belly Dace Management	CPW	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.	Challenge is funding for project. Solution could be grants from Roundtable.	Continue seeking suitable funding sources.	IPP	ARK-2015-0037
Prowers	Arkansas Darter Management	CPW	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.	Challenge is funding for project. Solution could be grants from Roundtable.	Continue seeking suitable funding sources.	IPP	ARK-2015-0038
Prowers	Lower Arkansas River Management	CPW	Fish and wildlife preservation and enhancement.	Flow and reservoir level protection for native fish, sport fish, plover/terns, waterfowl, fishing recreation and hunting.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0049
Prowers	Lower Arkansas River Water Management - CPW 1	CPW	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.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0050
Prowers	Lower Arkansas River Water Management - CPW 2	CPW	Water efficiency.	Water delivery and transit efficiency to enhance riparian, sport fishery, shorebird and waterfowl, hunting, watchable wildlife.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0051

County(s)	Project Title	Project Proponent	Need or Challenge	Project Description	Solution	Plan of Action	Project Classification	Arkansas Basin ID
Prowers	Lower Arkansas River Seasonal Water Management	CPW	Fish and wildlife preservation and enhancement.	Riparian protection and enhancement, stabilize reservoir water delivery and storage during breeding season (April 1 - September 1).	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0052
Prowers	Arkansas Valley Conduit	Not Provided	Meet current and future demand in the SECWCD service area, relieve water quality issues.	Not Provided	Continue implementation of project elements as appropriate.	Manage project to completed status.	Master Needs List	ARK-2015-0133
Prowers	Administrative Tools for Lease Following in the Arkansas River Valley	Not Provided	Prevent or reduce loss of irrigated acreage as the result of permanent transfer of agricultural (irrigation) water rights to other uses.	Not Provided	Implement scope of work.	Manage project to completed status.	Master Needs List	ARK-2015-0161
Prowers	Lamar Raw Water Transmission Line Replacement Project	Not Provided	Not Provided	Not Provided	Replace raw water line.	Implement scope of work for project.	Master Needs List	ARK-2015-0167
Prowers	Watershed Health Collaborative	ABRT	Address watershed health risks.	Formation of a basin-wide collaborative to address watershed health risks and protection of water supply and quality.	Increase collaboration.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0224
Prowers	Watershed Health Strategic Plan	ABRT	Address watershed health risks.	Basin-wide strategic watershed plan including projects, programs, and processes to mitigate watershed health risks.	Increase basin-wide, prioritized projects.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0225
Prowers	SECWCD Regional Water Conservation Plan Implementation	SECWCD	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.	Implement District's Approved Regional Water Conservation Plan.	Implement current scope of work.	IPP	ARK-2015-0259
Prowers	Water Quality Working Group	SECWCD	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.	Create working group that will develop local and regional solutions.	Implement current scope of work.	IPP	ARK-2015-0260
Prowers	Local Water Conservation Planning	SECWCD	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.	Conduct and implement local and regional water conservation planning.	Implement current scope of work and develop additional scope of work.	IPP	ARK-2015-0262
Prowers	Water Loss Management Audits	SECWCD	Conduct triannual system-wide water audits to support the assessment and reduction of distribution system water loss.	Projects will include conducting AWWA M-36 Water Audits on all MC and AVC project participants to track improvements in system wide management of non-revenue water and water loss.	Provide third party, standardized water loss management audit.	Implement current scope of work and develop additional scope of work.	Master Needs List	ARK-2015-0263
Prowers	Amity Pit Restoration	CPW	Public access, fish, wildlife protection and enhancement.	Working with gravel company to restore gravel pit. Completed one end of pit restoration with 150 AF of water and providing public fishing access. Will be complete in 20-30 years. Will also benefit waterfowl hunting, wetlands, and fishing. Gravel mine no longer in operation, along Arkansas River near Holly.	Implement project scope of work	Acquire property.	Master Needs List	ARK-2015-0288
Prowers	Super Ditch Delivery Engineering	LAVWCD and others	Prevent or reduce loss of irrigated acreage as the result of permanent transfer of agricultural (irrigation) water rights to other uses.	Project to supply water for municipal and agriculture needs.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0534
Prowers	Ag-Muni Conservation Easement Demonstration	LAVWCD and others	Prevent or reduce loss of irrigated acreage as the result of permanent transfer of agricultural (irrigation) water rights to other uses.	Purchase conservation easements throughout the Lower Arkansas Valley with a municipal leasing component to create partnerships with cities to help prevent the dry up of agriculture.	Complete scope of work.	Manage project to completed status.	Master Needs List	ARK-2015-0535
Prowers	Use of Head Stabilization Ponds for Recharge	LAVWCD and others	Better water management.	Quantify all return flows from all rule 10 plan ponds.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0536
Prowers	Tail Water Study	LAVWCD and others	Inadequate tail water information.	Determine accurate tail water information for better administration of Colorado, Kansas compact.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0537
Prowers	Storage Using Recharge	LAVWCD and others	Better water management.	Identify and build recharge sites throughout the Lower Arkansas Basin to allow for better management of return flows.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0538

County(s)	Project Title	Project Proponent	Need or Challenge	Project Description	Solution	Plan of Action	Project Classification	Arkansas Basin ID
Prowers	Lake Level - Lake Isabel	LAVWCD and others	Need for augmentation water to prevent downstream injury.	Develop water or a plan to keep lake level high.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0539
Prowers	Aging Infrastructure Replacement	LAVWCD and others	Aging infrastructure.	Replace aging infrastructure for agriculture and municipalities.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0540
Prowers	Lake Levels	LAVWCD and others	Need for additional water and augmentation water to prevent downstream injury.	Develop water or a plan to keep lake level high. Need to make deals with owner of water rights to keep lake levels high for recreation.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0541
Prowers	Rehabilitation of Dams	LAVWCD and others	Deferred maintenance on dams.	Dams in the state have been neglected for many years and maintenance has been deferred. These dams are in need of repair.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0542
Prowers	Recovery of Yield Group (ROY)	CSU, PBWW, Aurora, SECWCD	Capture water released from Pueblo Reservoir in satisfaction of the 2004 Flow Management Program somewhere downstream.	The ROY Participants agreed to cooperate to develop projects and methods for water recapture and storage for subsequent beneficial use for in-priority diversions of the Subject Exchanges that are annually forgone in order to accommodate the FMP.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0551
Prowers	Phantom Canyon Reservoir	Not Provided	Provide water storage vessel above Pueblo Reservoir, provide flexibility in water releases for recreation and environment.	Preliminary design of a 54,000 AF storage vessel in the vicinity of existing Brush Hollow Reservoir. Off-channel on private property. Easement to Lester-Attebury diversion point established.	Plans have been developed. Engage stakeholders to develop scope of work, entitles for completion.	Develop and implement scope of work.	Master Needs List	ARK-2015-0559
Prowers	Well Monitoring in Southern High Plains Designated Groundwater Basin	Southern High Plains Groundwater Management District	Sustainable funding for static water level monitoring at wells to help manage aquifer depletion.	Partner with state engineering and groundwater commission to continue well monitoring in Southern High Plains Water Management District.	Identify funding sources and project partners to continue water level monitoring.	Complete project partnership agreements, fund as available.	Master Needs List	ARK-2015-0564
Pueblo	Placer Gold Panning/Dredging Operations	CPW	Use BMPs in management of gold panning/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.	Challenges are water availability and management restrictions for recreational mining activities at Cache Creek.	Management alternatives are being addressed in public meetings with BLM currently for Cache Creek area.	IPP	ARK-2015-0023
Pueblo	Southern Red Belly Dace Management	CPW	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.	Challenge is funding for project. Solution could be grants from Roundtable.	Continue seeking suitable funding sources.	IPP	ARK-2015-0037
Pueblo	Arkansas Darter Management	CPW	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.	Challenge is funding for project. Solution could be grants from Roundtable.	Continue seeking suitable funding sources.	IPP	ARK-2015-0038
Pueblo	Stonewall Springs Reservoir	CPW	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.	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.	IPP	ARK-2015-0044
Pueblo	Arkansas River Low Flow	CPW	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.	Challenge is timing of appropriation.	Continue with planning for 2015 water right appropriation through CWCB and CPW staff.	IPP	ARK-2015-0046
Pueblo	Lower Arkansas River Management	CPW	Fish and wildlife preservation and enhancement.	Flow and reservoir level protection for native fish, sport fish, plover/terns, waterfowl, fishing recreation and hunting.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0049
Pueblo	Lower Arkansas River Water Management - CPW 1	CPW	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.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0050
Pueblo	Lower Arkansas River Water Management - CPW 2	CPW	Water efficiency.	Water delivery and transit efficiency to enhance riparian, sport fishery, shorebird and waterfowl, hunting, watchable wildlife.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0051
Pueblo	Lower Arkansas River Seasonal Water Management	CPW	Fish and wildlife preservation and enhancement.	Riparian protection and enhancement, stabilize reservoir water delivery and storage during breeding season (April 1 - September 1).	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0052
Pueblo	Monument and Fountain Creek Habitat Management	CPW	Fish and wildlife preservation and enhancement.	Flow management and enhancement, improved native fish habitat.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed	IPP	ARK-2015-0056

County(s)	Project Title	Project Proponent	Need or Challenge	Project Description	Solution	Plan of Action	Project Classification	Arkansas Basin ID
Pueblo	Fountain Creek Management	CPW	Fish and wildlife preservation and enhancement.	Riparian protection, native fish habitat protection, fish passage (diversion retrofit), stormwater management.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0057
Pueblo	Apishapa River Instream Flow Appropriation	CPW	Fish and wildlife preservation and enhancement.	Instream Flow Appropriation. Currently listed on CWCB website for proposed appropriation in 2015.	Challenge is timing of appropriation.	Continue with planning for 2015 water right appropriation through CWCB and CPW staff.	IPP	ARK-2015-0060
Pueblo	Voluntary Flow Management Plan (VFMP) - CPW 1	CPW	Supports 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.	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.	IPP	ARK-2015-0062
Pueblo	Voluntary Flow Management Plan (VFMP) - CPW 2	CPW	Supports existing VFMP.	Continued support, cooperation and enhancement of the VFMP.	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.	Continue working with stakeholders to secure adequate water when needed and renew VFMP agreement when needed.	IPP	ARK-2015-0063
Pueblo	Voluntary Flow Management Plan Supplemental Water - CPW 1	CPW	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.	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.	IPP	ARK-2015-0064
Pueblo	Voluntary Flow Management Plan Supplemental Water - CPW 2	CPW	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.	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.	IPP	ARK-2015-0065
Pueblo	Voluntary Flow Management Plan Supplemental Water - CPW 3	CPW	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.	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.	IPP	ARK-2015-0066
Pueblo	Voluntary Flow Management Plan Supplemental Water - CPW 4	CPW	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.	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.	IPP	ARK-2015-0067
Pueblo	Voluntary Flow Management Plan Supplemental Water - CPW 5	CPW	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.	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.	IPP	ARK-2015-0068
Pueblo	Voluntary Flow Management Plan Supplemental Water - CPW 6	CPW	Secure water and storage (owned) to supplement existing VFMP.	CPW to acquire approximately 2,000 AF of water rights for VFMP.	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.	IPP	ARK-2015-0069
Pueblo	Voluntary Flow Management Plan Supplemental Water - CPW 7	CPW	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.	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.	IPP	ARK-2015-0070

County(s)	Project Title	Project Proponent	Need or Challenge	Project Description	Solution	Plan of Action	Project Classification	Arkansas Basin ID
Pueblo	Southern Delivery System Phase I with Local System Improvements	Colorado Springs Utilities, Town of Fountain, Security Water District, Pueblo West Metro District	NEPA purpose and need is a reliable, quality water supply for municipal uses in Colorado Springs, Fountain, Security Water District, and Pueblo West Metro District.	Construct a pipeline from Pueblo Dam to Colorado Springs with pump stations and outlet works as designed.	Complete Phase I construction elements per approved NEPA ROD and Pueblo County 1041 permit.	Fund construction elements, comply with environmental mitigation per NEPA ROD, comply with all conditions of Pueblo County 1041 permit.	Master Needs List	ARK-2015-0095
Pueblo	Preferred Storage Option Plan - Pueblo Reservoir	SECWCD, Colorado Springs Utilities, Pueblo Board of Water Works, Upper Ark WCD	Capture water storage available in Pueblo Reservoir through re-operation protocol without determinant to current storage capacity/rights.	The Frying Pan-Arkansas Project has a junior right to store water on the East Slope. When these rights are out of priority, there is storage space available. This is a legislative solution to make Excess Storage Capacity available under the original Congressional authority for Fry-Ark.	Obtain sufficient political support in the United States Congress for legislative authority for reoperation of Pueblo Reservoir	Obtain Federal approval.	Master Needs List	ARK-2015-0104
Pueblo	Water Rights Acquisition - Bessemer	Pueblo Water	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.	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.	IPP	ARK-2015-0106
Pueblo	Arkansas Valley Conduit	Not Provided	Meet current and future demand in the SECWCD service area, relieve water quality issues.	Not Provided	Continue implementation of project elements as appropriate.	Manage project to completed status.	Master Needs List	ARK-2015-0133
Pueblo	Administrative Tools for Lease Following in the Arkansas River Valley	Not Provided	Prevent or reduce loss of irrigated acreage as the result of permanent transfer of agricultural (irrigation) water rights to other uses.	Not Provided	Implement scope of work.	Manage project to completed status.	Master Needs List	ARK-2015-0161
Pueblo	Greenhorn	USFS	Protect municipal water sources, 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.	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.	IPP	ARK-2015-0201
Pueblo	12 Mile	USFS	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 power 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 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.	IPP	ARK-2015-0202
Pueblo	East Central Wets	USFS	Highest urban interface density on the district, improve protection of Beulah's municipal water sources and the St. Charles watershed, improve forest health, municipal power distribution lines (San Isabel Electric). Prescribed fire and mechanical vegetation treatment opportunities.	Water flows from this project area affect Beulah and Rye. Last vegetation management – small sales (30 years). The 11,000 acre Mason Fire in 2005 is within the 182,000 acre analysis area for the project – it produced heavy sedimentation that was transported to Pueblo Reservoir. Currently infested with multiple insect attacks in white fir, spruce, ponderosa pine and Douglas fir. 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. Heavy fire load area. 20,000 acres.	Improve water quality, maintain water storage capabilities, reduce impacts of insect and disease infestation and reduce impact of wildfire on WUI.	Initial project design needed. Need to complete NEPA.	Master Needs List	ARK-2015-0203
Pueblo	Watershed Health Collaborative	ABRT	Address watershed health risks.	Formation of a basin-wide collaborative to address watershed health risks and protection of water supply and quality.	Increase collaboration.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0224
Pueblo	Watershed Health Strategic Plan	ABRT	Address watershed health risks.	Basin-wide strategic watershed plan including projects, programs, and processes to mitigate watershed health risks.	Increase basin-wide, prioritized projects.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0225
Pueblo	SECWCD Regional Water Conservation Plan Implementation	SECWCD	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.	Implement District's Approved Regional Water Conservation Plan.	Implement current scope of work.	IPP	ARK-2015-0259

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Pueblo	Local Water Conservation Planning	SECWCD	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.	Conduct and implement local and regional water conservation planning.	Implement current scope of work and develop additional scope of work.	IPP	ARK-2015-0262
Pueblo	Water Loss Management Audits	SECWCD	Conduct triannual system-wide water audits to support the assessment and reduction of distribution system water loss.	Projects will include conducting AWWA M-36 Water Audits on all MC and AVC project participants to track improvements in system wide management of non-revenue water and water loss.	Provide third party, standardized water loss management audit.	Implement current scope of work and develop additional scope of work.	Master Needs List	ARK-2015-0263
Pueblo	Pueblo Fish Hatchery Bypass Flow	CPW	Pueblo Reservoir outlet works flow management limitations related to fishery needs.	Seeking water to serve federal fish hatchery and then use that water below dam when they are not releasing any water. Consider partnering with SDS pipeline to get 17 cfs to support fishery and downtown river walk.	Implement project scope of work.	Coordinate with stakeholders.	Master Needs List	ARK-2015-0293
Pueblo	Fountain Creek Stormwater Management	Not Provided	Stormwater management of Fountain Creek, developed in consultation with Colorado water right owners and the Arkansas River Compact Administration.	Not Provided	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0531
Pueblo	Super Ditch Delivery Engineering	LAVWCD and others	Prevent or reduce loss of irrigated acreage as the result of permanent transfer of agricultural (irrigation) water rights to other uses.	Project to supply water for municipal and agriculture needs.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0534
Pueblo	Ag-Muni Conservation Easement Demonstration	LAVWCD and others	Prevent or reduce loss of irrigated acreage as the result of permanent transfer of agricultural (irrigation) water rights to other uses.	Purchase conservation easements throughout the Lower Arkansas Valley with a municipal leasing component to create partnerships with cities to help prevent the dry up of agriculture.	Complete scope of work.	Manage project to completed status.	Master Needs List	ARK-2015-0535
Pueblo	Use of Head Stabilization Ponds for Recharge	LAVWCD and others	Better water management.	Quantify all return flows from all rule 10 plan ponds.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0536
Pueblo	Tail Water Study	LAVWCD and others	Inadequate tail water information.	Determine accurate tail water information for better administration of Colorado, Kansas compact.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0537
Pueblo	Storage Using Recharge	LAVWCD and others	Better water management.	Identify and build recharge sites throughout the Lower Arkansas Basin to allow for better management of return flows.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0538
Pueblo	Lake Level - Lake Isabel	LAVWCD and others	Need for augmentation water to prevent downstream injury.	Develop water or a plan to keep lake level high.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0539
Pueblo	Aging Infrastructure Replacement	LAVWCD and others	Aging infrastructure.	Replace aging infrastructure for agriculture and municipalities.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0540
Pueblo	Lake Levels	LAVWCD and others	Need for additional water and augmentation water to prevent downstream injury.	Develop water or a plan to keep lake level high. Need to make deals with owner of water rights to keep lake levels high for recreation.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0541
Pueblo	Recovery of Yield Group (ROY)	CSU, PBWW, Aurora, SECWCD	Capture water released from Pueblo Reservoir in satisfaction of the 2004 Flow Management Program somewhere downstream.	The ROY Participants agreed to cooperate to develop projects and methods for water recapture and storage for subsequent beneficial use for in-priority diversions of the Subject Exchanges that are annually forgone in order to accommodate the FMP.	Engage qualified parties to develop plans, cost estimate and schedule in collaboration with stakeholders.	Develop and implement scope of work.	Master Needs List	ARK-2015-0551
Pueblo	Pueblo Dam Hydroelectric Project	SECWCD	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.	The Hydroelectric plant would generate an annual average 18.6 million kilowatt hours (kWh) and approximately \$1,000,000 in average revenue per year.	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.	IPP	ARK-2015-0558

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Pueblo	Phantom Canyon Reservoir	Not Provided	Provide water storage vessel above Pueblo Reservoir, provide flexibility in water releases for recreation and environment.	Preliminary design of a 54,000 AF storage vessel in the vicinity of existing Brush Hollow Reservoir. Off-channel on private property. Easement to Lester-Attebury diversion point established.	Plans have been developed. Engage stakeholders to develop scope of work, entitles for completion.	Develop and implement scope of work.	Master Needs List	ARK-2015-0559
Pueblo	2015 Proposed Instream Flow Appropriation - Arkansas River	Colorado Parks and Wildlife, City of Pueblo	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.	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.	IPP	ARK-2015-0576
Saguache	O'Haver Lake	USFS	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.	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.	IPP	ARK-2015-0182
Saguache	Silver Creek	USFS	Past mountain pine beetle epidemic, urban interface, improve forest health condition, 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.	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.	IPP	ARK-2015-0183
Saguache	Poncha Loop	USFS-TriState	Past mountain pine beetle epidemic, urban interface, improve forest health condition, 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.	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.	IPP	ARK-2015-0186
Saguache	Watershed Health Collaborative	ABRT	Address watershed health risks.	Formation of a basin-wide collaborative to address watershed health risks and protection of water supply and quality.	Increase collaboration.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0224
Saguache	Watershed Health Strategic Plan	ABRT	Address watershed health risks.	Basin-wide strategic watershed plan including projects, programs, and processes to mitigate watershed health risks.	Increase basin-wide, prioritized projects.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0225
Teller	Beaver Creek Management	CPW	Fish and wildlife preservation and enhancement.	Instream flow protection, instream habitat enhancement, riparian protection.	Challenge is timing of appropriation.	Continue with planning for 2015 water right appropriation through CWCB and CPW staff.	IPP	ARK-2015-0039
Teller	Beaver Creek Water Management	CPW, Beaver Park Irrigation Co, Victor, Anglo Gold Corp., Cripple Creek, Colorado Springs, Penrose	Water efficiency.	Improved efficiency of water storage and management in the Skaguay - Beaver Creek drainage, coordination of water users, increase storage to decreed historical volume.	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.	IPP	ARK-2015-0040
Teller	Beaver Creek - West Beaver Creek Instream Flow Appropriation	CPW	Fish and wildlife preservation and enhancement.	Instream Flow Appropriation. Currently listed on CWCB website for proposed appropriation in 2015.	Challenge is timing of appropriation.	Continue with planning for 2015 water right appropriation through CWCB and CPW staff.	IPP	ARK-2015-0041
Teller	Beaver Creek - East Beaver Creek Instream Flow Appropriation	CPW	Fish and wildlife preservation and enhancement.	Instream flow appropriation.	Challenge is timing of appropriation.	Continue with planning for 2015 water right appropriation through CWCB and CPW staff.	IPP	ARK-2015-0042
Teller	Cutthroat Trout Management	CPW	Fish and wildlife preservation and enhancement.	Improved cutthroat trout habitat through Instream flow maintenance, instream habitat improvement, land use/stormwater (sedimentation) protection.	Challenge is funding for project.	Continue seeking suitable funding sources.	IPP	ARK-2015-0043
Teller	Four Mile Creek Water Management - CPW 1	CPW	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.	Challenge is water availability. Solution could be purchase of water rights.	Continue working with stakeholders to secure adequate water when needed.	IPP	ARK-2015-0058
Teller	Mount Pisgah Dam / Wrights Reservoir Outlet Works Rehabilitation	Not Provided	Rehabilitate water outlet structure in an agricultural water storage vessel.	The old outlet structures operate poorly. Design and replace outlet structure with new facilities.	Implement scope of work.	Manage project to completed status.	Master Needs List	ARK-2015-0160

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Teller	Upper Monument Creek	USFS, TNC, Front Range Roundtable, CSU, CSFS	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.	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 2017.	IPP	ARK-2015-0221
Teller	Catamount	USFS, CSU, BLM, CUSP, CSFS	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.	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 water quality, maintain water storage capabilities, reduce impacts of insect and disease infestation and reduce impact of wildfire on WUI.	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.	IPP	ARK-2015-0222
Teller	Watershed Health Collaborative	ABRT	Address watershed health risks.	Formation of a basin-wide collaborative to address watershed health risks and protection of water supply and quality.	Increase collaboration.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0224
Teller	Watershed Health Strategic Plan	ABRT	Address watershed health risks.	Basin-wide strategic watershed plan including projects, programs, and processes to mitigate watershed health risks.	Increase basin-wide, prioritized projects.	CWCB grant has been approved to hire a coordinator.	IPP	ARK-2015-0225
Teller	2015 Proposed Instream Flow Appropriation - West Beaver Creek	Colorado Parks and Wildlife	Provide flows in West Beaver Creek.	Instream flow project for West Beaver Creek from the confluence at Douglas Gulch to the confluence at East Beaver Creek.	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.	IPP	ARK-2015-0572