

Range Improvement/Adaptive Options for each Allotment and Pastures

Allotments/Pasture	Type	Perennial overland flow	Range Improvement/Adaptive Options
Arkansas C&H Allotment			4-Water-New; 1-Water-Existing, Redevelopment
High	Water-New	Yes	Develop water source from jct FDR 254 and Weldon Gulch. Pipe to tank
	Water-Existing	No/Seep	Redevelop existing water source-seep/Pit 301. Pipe to a tank.
Low	Water-New	Yes	Develop water source from Placer Creek, pipe 1/4-1/2 mile down slope to a tank.
Squaw	Water-New	Yes	Develop water source from Squaw Creek, pipe 1/4 mile to tank (T50N,R7E,NW1/4,NE1/4 Sec10)
Weldon	Water-New	No/Seep	Collection box, pipeline and tank from Blank's Cabin enclosure.(T50N, R7E, S10, SW1/4, SW1/40)
Aspen Ridge Allotment			3-Water-New; 19-Water-Existing, Redevelopment; 1-New Fence (.75 mi)
Coons Park	Water-Existing	No/Existing	Collection box, pipeline to tank, (T15S,R77W, S24) Elk Mountain Ranch.
Bassam Park	Water-Existing	No/Seep	Redevelop existing water source-seep/Pit 366. Pipe to a tank.
Cow Gulch	Water-Existing	No/Seep	Redevelop existing water sources-seep/Pit 334 & 335. Pipe to a tank. Retire pits.
	Water-Existing	No/Seep	Redevelop existing water source-seep/Pit 306. Pipe to a tank. (T15S,R76W,S20 NW1/4,SW1/4)
	Water-New	No/Seep	Develop seep with collection box, 1/4 mile pipeline to a tank. (T15S,R76W, NE1/4,SE1/4, Sec 19)
Bull Gulch	Water-Existing	No/Seep	Redevelop seep 336 with collection box, 1/4 mile pipeline to a tank.
	Water-Existing	No/Seep	Redevelop seep 363 with collection box, 1/4 mile pipeline to a tank.
	Water-Existing	No/Seep	Redevelop seep 316 with collection box, 1/4 mile pipeline to a tank.
	Water-Existing	No/Seep	Redevelop seep 359 with collection box, 1/4 mile pipeline to a tank.
	Water-Existing	No/Seep	Redevelop seep 311 with collection box, 1/4 mile pipeline to a tank.
	Water-Existing	No/Seep	Redevelop seep 313 with collection box, 1/2 mile pipeline to a tank.
	Water-Existing	No/Seep	Redevelop seep 323 with collection box, 1/2 mile pipeline to a tank.

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Calf Gulch	Water-Existing	No/Seep	Redevelop seep 315 with collection box, 1/4 mile pipeline to a tank.
	Water-Existing	No/Seep	Redevelop seep 320 with collection box, 1/8 mile pipeline to a tank.
	Water-Existing	No/Seep	Redevelop seep 321 with collection box, 1/8 mile pipeline to a tank.
	Water-Existing	No/Seep	Redevelop seep 326 with collection box, 1/2 mile pipeline to a tank.
	Water-Existing	No/Seep	Redevelop seep 331 with collection box, 1/8 mile pipeline to a tank.
	Fence-New		Construct approximately 3/4 mile drift fence, north to south in middle of pasture.
Aspen Ridge	Water-Existing	No/Seep	Redevelop seep 338 with collection box, 1/4 mile pipeline to a tank.
	Water-Existing	No/Seep	Redevelop seep 342 with collection box, 1/2 mile pipeline to a tank.
	Water-Existing	No/Seep	Redevelop seep 343 with collection box, 1/4 mile pipeline to a tank.
Herring Park	Water-New	No/Seep	Develop potential water sources, pipe to a tank. (T15S,R76W, NE1/4,SE1/4, S35; T51N,R10E, S3)

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Bassam Allotment			10-Water-New; 36-Water-Existing, Redevelopment; 3-New Fence (1.5 mi); 1-New Tank
Bald Mountain	Fence-New		Construct approximately 1/2 mile drift fence. (T14S, R77W, SW1/4, Sec 28)
	Water-Existing	No/Existing	Redevelop spring, pipe to tank in Arnold's Gulch. (T14S, R77W, SE1/4, SE1/4, Sec 30)
	Water-Existing	No/Existing	Redevelop spring/pit 378, pipe to tank.
	Water-Existing	No/Seep	Redevelop seep/pit 377, pipe to tank.
	Water-Existing	No/Existing	Redevelop pit 379 and redevelop spring, pipe to tank. (T14S, R77W, SE1/4, SW1/4, Sec20)
	Water-Existing	No/Existing	Redevelop spring, pipe to tank. (T15S, R77W, Sec 4)
Trout Creek	Fence-New		Construct approximately 1/2 mile of drift fence. (T14S, R77W, Sec 16 & 22)
	Water-Existing	No/Seep	Redevelop seep 380, pipe to tank.
	Water-Existing	No/Existing	Redevelop spring/pit 349, pipe to tank.
Castle Park	Water-Existing	No/Seep	Redevelop seep/pit 351, pipe to tank.
	Water-Existing	No/Seep	Redevelop seep/pit 329, pipe to tank.
	Water-Existing	No/Seep	Redevelop seep/pit 352, pipe to tank.
	Water-Existing	No/Seep	Redevelop seep/pit 348, pipe to tank.
Columbine Gulch	Water-Existing	No/Seep	Redevelop seep/pit 307, pipe to tank.
Mushroom Gulch	Fence-New		Construct approximately 1/2 mile of drift fence. (T14S, R77W, NW1/4, Sec 11)
	Water-New	Yes	Develop water source, pipe to tank in Mushroom Gulch (T14S, R77W, SE1/4, SE1/4, Sec 2)
	Water-Existing	No/Existing	Redevelop water source/pit 369, pipe to tank.
	Water-Existing	No/Existing	Redevelop spring/pit 366, pipe to tank.
	Water-Existing	No/Seep	Redevelop seep/pit 381, pipe to tank.
	Water-New	No/Seep	Develop seep, pipe to tank in Daley Gulch. (T14S, R77W, SW14/ SE1/4, Sec 11)
North Kaufman	Water-Existing	No/Seep	Redevelop seep/pit 301, pipe to tanks.
	Water-New	No	Develop well, pipe to tanks
East Kaufman	Water-Existing	No/Seep	Redevelop seep/spring 302, pipe to tank.
	Water-New	No/Seep	Develop seep, pipe to tank. (T14S, R76W, SE1/4, SE1/4, Sec 6)
	Tank-New	No	Install approximately 3/4 mile pipe to tank once well is installed.
West Kaufman	Water-Existing	No/Seep	Redevelop seeps/pits 353 & 354, pipe to tank. (T14S, R76W, NE1/4, NW1/4, Sec 30)
	Water-Existing	No/Seep	Redevelop seep/pit 303, pipe to tank.
Castle Rock Gulch	Water-Existing	No/Seep	Redevelop seep/pit 363, pipe to tank. (T14S, R77W, NE1/4, SE1/4, Sec 36)
	Water-Existing	No/Seep	Redevelop seep/pit 374, pipe to tank. (T14S, R76W, SW1/4, NE1/4, Sec 31)
	Water-Existing	No/Seep	Redevelop seep/pit 359, pipe to tank. (T14S, R76W, NE1/4, SW1/4, Sec 29)
	Water-New	No/Seep	Develop seep/spring, pipe to tank. Northeast of pit 359. (T14S, R76W, NE1/4, SW1/4, Sec29)
	Water-New	No/Seep	Develop seep/spring, pipe to tank. West of pit 363.
	Water-Existing	No/Seep	Redevelop seep/pit 328, pipe to tank in South Castle Rock Gulch (T15S, R76W, NE1/4, NW1/4, Sec 6)

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Dry Lakes	Water-Existing	No/Seep	Redevelop seep/pit 321, pipe to tank.
	Water-Existing	No/Seep	Redevelop seep/pit 311, pipe to tank.
	Water-Existing	No/Seep	Redevelop seep/pit 324, pipe to tank.
	Water-Existing	No/Seep	Redevelop seep/pit 319, pipe to tank.
	Water-Existing	No/Seep	Redevelop seep/pit 320, pipe to tank.
	Water-Existing	No/Seep	Redevelop seep/pit 341, pipe to tank.
	Water-New	No/Seep	Develop seep/spring, pipe to tank. South of pit 323. (T14S, R76W, NW1/4, SW1/4,Sec28)
	Water-New	No/Seep	Develop seep/spring, pipe to tank. West of pit 323. (T14S, R76W, NE1/4, SE1/4,Sec29)
	Badger	Water-Existing	No/Seep
Water-Existing		No/Seep	Redevelop seep/pit 343, pipe to tank.
Water-Existing		No/Seep	Redevelop seep/pit 345, pipe to tank.
Water-Existing		No/Seep	Redevelop seep/pit 344, pipe to tank.
Water-Existing		No/Seep	Redevelop seep/pit 313, pipe to tank.
Water-Existing		No/Seep	Redevelop seep/pit 342, pipe to tank.
Water-Existing		No/Seep	Redevelop seep/pit 317, pipe to tank.
Water-New		No/Seep	Develop seep/spring, pipe to tank. Northeast of Bassam Park. (T15S, R76W, SW1/4, Sec 7)
Water-New		No/Seep	Develop seep/spring west of Green Whisker's Windmill, pipe to tanks. (T14S, R76W, Sec 33)
Bear Creek Allotment			2-Water-New; 1-Water-Existing, Redevelopment; 1-New Fence (.5 mi); 2-New Tanks
Bear Creek	Water-New	Yes	Develop water source from Bear Creek and pipe to tank
	Fence-New		Construct approximately 1/2 mile of drift fence in Bear Creek T48N R9E Sec 3
Spring Gulch	Tank-New	No/Existing	Extend pipeline to the west to a tank from water source 304
	Tank-New	No/Existing	Extend pipeline to the northwest to a tank from water source 304
Mud Springs	Water-Existing	No/Existing	Redevelop Mud Springs (301) extend pipeline and add new tank
	Water-New	No/Seep	Collection box, pipe and tank T48N R9E Sec 2 NE 1/4 SE 1/4
Browns Creek Allotment			
Fourmile			
Upper Browns			
Lower Browns			

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Fourmile Allotment			6-Water-New; 1-New Fence (.25 mi)
Upper Fourmile			
Lower Fourmile	Water-New	No/Seep	Collection box, pipe and tanks in McGee Gulch (T14S R77W Sec 5 NE 1/4 SW 1/4)
	Water-New	No/Seep	Collection box, pipe and tanks along Fourmile Creek (T13S R78W Sec 22 SE 1/4 NW1/4)
	Water-New	No/Seep	(2 potential sources) Collection box, pipe and tanks (T13S R78W Sec 36 NW 1/4 SW 1/4 and Sec 35 SE 1/4 SE 1/4)
	Water-New	No/Seep	Collection box, pipe and tanks along Sevenmile Creek South of Goddard Ranch (T13S R78W Sec 24 NW 1/4 SW1/4)
	Water-New	No/Seep	Collection box, pipe and tanks along Sevenmile Creek East of Goddard Ranch (T13S R78W Sec 19 SE 1/4 NW1/4)
	Water-New	No/Seep	Collection box, pipe and tanks along unnamed drainage Northeast of the Goddard Ranch (T13S R78W Sec 28 SE 1/4 SE1/4)
	Fence-New		Construct a drift fence from BLM boundary to a northern ridge (T13S R78W Sec 28 SE 1/4 SE 1/4)
Cameron Allotment			5-Water-New; 14-Water-Existing, Redevelopment; 2-New Fence (.5 mi); 1-Road Reroute .5 mi
Turret	Water-New	No	Develop well, pipe to tank. (T50N, R9E, SW1/4 Sec 4)
	Water-Existing	No/Seep	Redevelop seep/spring 312, pipe to tank.
	Water-Existing	No/Existing	Pump water from Quarry to tanks within the pasture
	Fence-New		Divide pasture along the ridge south of Railroad Gulch
	Fence-New		Install 1/8 mile drift fence and cattle guard on Ute Trail. (Sec 34, T51N, R9E.)
Spring Gulch	Water-New	No/Seep	Develop seep/spring in Green Gulch, pipe to tank. (T51N, R9E, NE1/4, Sec 20)
	Water-New	No/Seep	Develop seep/spring, pipe to tank. (T51N, R9E, NE1/4, Sec 17)
	Water-Existing	No/Seep	Redevelop seep/pit 311, pipe to tank.
Aspen			
Green Mountain	Water-Existing	No/Seep	Redevelop seep/pit 339, pipe to tank.
	Water-New	No/Seep	Develop seep/spring, pipe to tank. (T51N, R9E, Ne1/4,SE1/4, Sec22)
Manoa			
Pocket	Water-Existing	No/Seep	Redevelop seep/spring 334, pipe to tank.
Antelope	Water-Existing	No/Existing	Extend 336 pipeline 1/4 mile to new tank.
	Water-New	No/Seep	Develop seep/spring, pipe to tank. (T51N, R10E, SE1/4, Sec 10)
Ferren			
Upper Willow			
Willow	Water-Existing	No/Existing	Redevelop Suckerville Spring #328, pipe to tank.
	Water-Existing	No/Seep	Redevelop seep/spring 327 (Banning Gulch), pipe to tank.

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Ute Trail	Water-Existing	No/Seep	Redevelop seep/spring #325, Black Diamond, pipe to tanks.
	Water-Existing	No/Seep	Redevelop seep/spring #322, pipe to tank.
	Water-Existing	No/Seep	Redevelop seep/spring #318, pipe to tank.
Ankele			
Big Baldy	Water-Existing	No/Seep	Redevelop seep/spring #316, pipe to 3 tanks.
Midway	Water-Existing	No/Seep	Redevelop seep/spring #314, Willard Springs, pipe to a tank.
	Water-existing	No/Seep	Redevelop seep/spring #313, Midway Springs, pipe to tank.
	Road		Relocate FDR 181, out of riparian at Midway Springs.
Chalk Creek Allotment			1-Water-New
	Water-New	Yes but PVT	New Tank and pipeline in (T15S R79W Sec 36 and T51N R7E Sec 10) from private water source
Little Cochetopa Allotment			7-Water-New; 2-Water-Existing, Redevelopment; 2-New Tanks; 4-New Fence (2.0 mi)
Spruce Creek	Water-New	No/Seep	Collection box, pipeline and tank from Spruce Creek out of the riparian (T49N R7E Sec 25 N 1/2 NW 1/4)
	Water-New	Yes	New tank and pipeline out of Stumpy Creek along USFS road 214 (T49N R7E Sec 26 NE 1/4 NW 1/4)
	Water-New	No/Seep	(2 potential sources) Collection box, new tank and pipeline (T49N R7E Sec 26 SW 1/4)
Dry Lake	Water-Existing	No/Seep	Utilize current 303 water source and pipe water to upland
	Water-New	No/Seep	Collection box, pipeline and tank (T49N R7E Sec 30 NW 1/4)
Upper Droz creek	Water-New	No/Seep	Collection box, pipeline and tank (T48N R7E Sec 2 NW 1/4)
	Fence-New		Construct Drift Fence in Northern Portion of unit, ties to state land
Lower Droz Creek			
Beaver Creek	Tank-New	Yes/Existing	Extend existing pipeline from the 307 tank down ridge
			Construct Drift Fence between Grays Creek and Beaver Creek
	Fence-New		Construct Drift Fence in Starvation Creek
Marshall Pass			
Poncha Loop	Water-New	No/Seep	Collection box, pipeline and tank out of riparian, in Railroad Gulch (T48N R7E Sec 17 NE 1/4 NE 1/4)
	Tank-New	No/Existing	Extend existing pipeline from tank 304 or branch off existing line to the north or east to new tanks
	Fence-New		Install cattle guard and fence along CR 201 in conjunction with adjacent hills to prevent livestock entering into the Shirley recreation site.

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Murphy's Hole	Water-Existing	No/Seep	Redevelop existing water sources within Murphy's Hole and pipe to tanks away from riparian area.
	Water-New	No/Seep	Collection box, pipeline and tank from new source in Murphy's Hole above drainage from existing source.
	Fence-New		Temporary or permanent drift fence between Rainbow trail and Murphy's Hole pasture.
Silver Creek			
Union Allotment			1-New Fence (.5 mi)
Lower	Fence-Existing		Complete existing fence between the lower/middle pastures using temporary or hard fence (approximately 1/2 mile)
Middle			
Upper			
Chubb Park Allotment			6-Water-New
Trout Creek Pass	Water-New	No/Seep	(2 potential sources) Collection box, pipe and tanks (T13S R77W Sec 8)
	Water-New	No/Seep	(4 potential sources) Collection box, pipe and tanks (T13S R77W Sec 16)