

**Wyoming Water Development Commission
2010 Wyoming Irrigation Systems Report
Report #5: General Information**

Entity	Habitat	Conservation	Problems
Alliance Ditch Company	Yes	Yes	Irregular and unpredictable use by other appropriators
Alto Canal Sprinkler Company	Yes	Yes	Sealing up shelf rock when cleaing ditch. Have to seal with clay so we dont lose so much water
Anita Ditch Company and Gapen Ditch	No	Yes	drop structures are old concrete and need replacing, and conveyance losses
Austin Canal Company (formerly Uinta NO 3 Canal Company)	Yes	Yes	Canal losses through seepage; late priority water right; inadequate headgate
Baggs Ditch Company	Yes	No	
Baldwin/Peralta Ditch Company	Yes	Yes	
Bates Creek Reservoir Company	Yes	No	Dam in need of major maintenace; Supply ditch will need cleaing and maintenance
Bear Canal Ditch Company	Yes	Yes	Needed improvements, inadequate water source, state and federal requirements, unwritten easements, maintenance through subdivisions, legal problems, subdivided land, water rights, assessments
Beckwith Quin Canal Company	Yes		Wildlife refuge
Bench Canal Company	No	Yes	Needed improvements ,Maintenance requirements
Big Goose and Beaver Ditch Company	No	No	Loss of water due to terrain that has a lot of gravel on top of clay which causes sliding
Big horn Canal Irrigation District	No	No	Needed improvements, Unwritten easments, Maintenance through subdivisions, Legal probelms, Subdivided land
Blacks Fork Canal Company	Yes	Yes	Our system is fully operational with water measurement devices
Blue Bell Canal Company	No	No	None
Bluff & Upper Bluff Irrigation District			
Boulder Irrigation District	Yes	Yes	Maintenance, Subdivisions
Bridger Valley Water Conservancy District	Yes	Yes. We have a mandated water conservation plan which is followed and updated.	To provide additional storage and upgade measurement and maintenance needs
Burbank Ditch	Yes	Yes	Inadequate water sources; dependable supply
Burn Cleuch Ditch Co	No	No	
Butte Ditch	Yes	Yes	shrinkage and constant up keep, late water rights when river flow is inadequate, low reservoir level
Cannon Land & Livestock	Yes		
Canyon Canal Inc.	Yes	No	
Casper Alcova Irrigation District	No	yes meets BOR specs	repair of infrastructure

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Cemetery Ditch Company	Yes	concrete ditch, ADS poly pipe, and pvc pipe 20% of ditch now lined or piped	continue with pvc piping and headgate upgrading
Chamlers Fogg Ditch			
Chapman Canal Compnay	No	No	Needed improvement,Subdivided Land
Cody Canal Irrigation District	No	no	rebuilt aging structures
Cottonwood Irrigation District	Yes	Yes	Subdivision development
Crook County Irrigation District	Yes	Yes	Needed improvements ,Maintenance requirements
Davis & Company Ditch	No		
Deseret Land and Livestock	Yes	no	none
Dever Irrigation District	Yes	Yes. We annually install measuring devices. All new projects have measuring devices installed.	The installation of 4 identified open ditches into pipe.
Dutch Flat/Taylor Ditch	Yes	No	None
Eastside Irrigation District	No	Yes	Maintenance requirements
Eden Valley Irrigation & Drainage District			
Elk Water Users Assoc.	No	Yes	Increased gov't regulations
Elk-Lovell Irrigation District	No	Yes	reduce seepage, installation of wires and control devices
Enterprise Irrigation and Power Company	Yes	yes, primarily ditch liners	we have completed a Level 2 study and are working through a prioritized list od improvements. we just completed our first one w/ cost share funding from WWDC, NRCS, and Popo Agie Conservation District
Etna Irrigation District	Yes	Yes	unwritten easements, maintenance, subdivided land
Fariview Irrigation District	Yes	No	Canal maintanance; Individual headgates in canal leaking; subdivided land access; Equitable division of water btw sprinkler irrigators and flood irrigators
First Mesa Ditch Company	Yes		
Globe Canal (Farmers Protective Assocn)	Yes	Yes	Canal through town. The use & seepage in winter time threatens homeowners near canal. Hillside into canal cesulting in major unrest of people in town and work for canal board.
Gooseberry Irrigation District	Yes		
Goshen Hole Water Users Association	Yes	No	No improvements made for 40+ years, entire system needs an upgrade

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Goshen Irrigation District	Yes	Yes Automation, pipelines, and lining of Laterals	Pipelines, lining of some of the laterals, updating structures which are 80 plus years old.
Goshen Mutual Reservoir and Ditch Co.	Yes	Yes	drought, excessive water loss, state and federal requirements
Grand Teton Canal Company	Yes	Yes	Easements, subdivisions, subdivided lands
Greybull Valley Irrigation District			
Gunbarrel Lateral Ditch Company	No	Yes	Subdividing land, enforcement of water use
Hamsfork Water Users Association	Yes	The installation of flumes is mandatory on all ditches prior to the 2010 irrigation season.	
Hanover Irrigation District	Yes	Our most aggressive conservation measure is the increasing number of pivot sprinkler sprinkler system being developed.	We have no immediate system improvement needs at this time. All canals in this area have some seepage problems that have existed for years that should be addressed and old structures fail on occasion that need replacement and as time goes on more of these will continue to fail at an increasing rate. Cement liners continue to fail and need annual maintenance and some replacement
Heart Mountain Irrigation District	Yes	yes,	
Highland Hanover Irrigation	Yes	Yes	Contract negotioation
Hill Irrigation District	Yes	Yes	none
Hilliard East Fork Canal Company	Yes	No	Maintenance through subdivisions
Hilliard West Side Ditch Company	Yes	Yes	Maintenance requirements
Hoops Lake Reservoir Company	Yes	No	None
Horse Creek Conservation District	Yes	yes more pivots replacing dirt ditch with pipeline	replacing portions of concrete ditch, replacing more dirt ditch with pipe

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Hunt Canal Irrigation District	Yes		
Interstate Irrigation & Reservoir Company	No	No	Once we are finished with our mapping of irrigated acres, we would like to try and become a water district and pipe our stored water out of Beaver Meadows Reservoir to our users.
Kimman and Wall Canal Company			
Kirby Ditch Company	Yes	No	Seepage, Russian Olives, Drought
Ladder Ditch Company	Yes	Yes	
Lakeview Irrigation District	No	No	
Lamb Supply Canal Company	Yes		needed improvements, inadequate water source, state and federal requirements, unwritten easements, maintenance through subdivisions, legal problems, subdivided land, water rights, assesments, etc.
Lander Ditch Company	Yes	No	Municipal area fragmented, voluntary contributions, water quality, instream flow in river
LaPrele Irrigation District	Yes	We place it on the Individual shareholders for conservation measures.	Repairs to Dams and Canals
Laramie Valley Municipal Irrigation District	No	Ditch repair and maintenance on an ad hoc basis.	1. Repair of main dam.2. Additional measuring flumes.
LeClair Irrigation District	Yes	weirs and checks	
Lingle Water Users Assocn	Yes	Yes	
Little Popo Agie Irrigation District	Yes		Improvements/replacement of headgate at Christina Lake; Ditch maintenance
Lovell Irrigation District	Yes	Yes	water at the head varies sometimes inadequate, distribution, water loss
Lower Clear Creek Irrigation District	Yes	No	Assessment Collection, Maintainance
Lower Hanover Canal	Yes	No	Assessment collection, loss of easement or row, federal
Lucerene Pumping Plant Canal Company	Yes	Yes	Seepage along canal system
Meade Creek Ditch	Yes	No	

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		Yes, a 20 year plan is in place, along with constant monitoring and improvement measures being implemented.	
Midvale Irrigation District	Yes		Pipelines, concrete structure replacements, and automation of system
Milich Ditch Company	No	No	
New North Platte Irrigation & Ditch Co.	Yes	Yes	Needed improvements, Maintenance requirements
New Fork Lake Irrigation District	Yes	NA	*Difficult to find qualified Ditch Rider to measure water.
New Grattan Ditch Co.	No	No	Water measuring devices, moss treatment, weed spraying ditch banks
New North Platte Irrigation Company	No	Yes	Diversion fom river during flows less than 500cfs
Nez Perce Irrigation	No	Yes	Need another head gate, takes 25 days for everyone in subdivision to get water.
Nicol & Table Mountain Ditch	Yes	Yes	Needed improvements ,Maintenance requirements,Unwritten easments,Maintenance through subdivisions,Subdivided land
North Fork Irrigation District	Yes	The District does not; many members do	New outlet structure for Muddy Guard No. 1.
North Fork Valley Ditch Company	No	No	Need a trash boom in river at main headgate diversion; would elimination 90 % of summer maintenance labor
North Strawberry Canal Co.	No		Subdivided land
Owl Creek Irrigation District	Yes	Yes	Seepage from dam; seepage in canyon below Dam
Parker McBride	Yes	Yes	Need new spillway; inadaqaute water supply
Peoples Canal Company	Yes	No	Completion and implementation of new pipeline system
Peralta Ditch Company	Yes	Yes	Brush removal, sub-diversions
Pine Creek Ditch Association Inc	Yes	Yes	Our ditch runs through Pinedale and development in the town has increased our liability. The Canal needs to be piped through the city but we need significant funds to do so.
Piney and Cruse Creek Ditch Company	Yes	No	Needed improvements, Maintenance requirements
Pioneer Canal Lake Hattie Irrigation District	Yes	No	Minimize conveyance losses
Porto Irrigation District	No	Yes	Pond fills with gravel and debris in pipeline
Powder River Irrigation District	Yes	Yes	Russion olives along ditch & inadequate water sources
Pratte-Ferris Irrigation District	No	No	Improvements for conveyance loss
Reservoir Ranch (formerly Sixty-Seven Reservoir Project	Yes	No	
Riverton Valley Irrigation District	No	Yes	

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		Flood irrigation, so conservation measures somewhat limited, do limit excessive amounts and use rotation	
Rock Creek Water Users Association	Yes		Reinforce stream bank where Rock Creek and Dry Creek divide
Rock Ranch Ditch Company	Yes	Yes	The diversion in the North Platte
Rodgers and Gregg (Wise Ditch)	Yes	Yes	Water Loss, Maintenance, Subdivisions
Salt River Irrigation District	No	Yes	Replacement of diversion headgates, inadequate water sources, no storage
Sandstone Ditch Company	Yes	Yes	Reservoir storage and flow control; structures and headgate flow control; spillways flood control; improve access on system
Savery Creek Ditch Company	Yes	Yes	Diversion dams installed in 1995 are completely ineffective, poor design
Savery-Little Snake River Water Conservancy District			
Shell Canal Company	Yes	Yes	100 yr old concrete tunnel in need of repair/replacement; need for additional early season storage; erosion issues; continual annual maintenance
Shell Valley Watershed Improvement District	Yes	No	Property sales and water rights
Shoshone Irrigation District	Yes	yes	
Sidon Irrigation District	No	Yes	Repairs
Smiths Fork Irrigation District			
Snavely/Grant Young Ditch	Yes	Yes	New headgate and spillway, lined or piped ditch, only have perpetual easements, recent subdivisions, future subdividing
Spring Draw Irrigation	Yes	Yes	This system was cost shared w/ WWDO. We took the lowest bid per WWDC. The contractor wasn't the best consequently we have replaced all major components
Stewart Creek Irrigation	Yes	Yes	Needed improvements ,Maintenance requirements , State and Federal requirements
Sulphur Creek Reservoir Company	Yes	No	
Sussex Irrigation Co.	No	No	
Tillard canal	No	No	Needed improvements ,Maintenance requirements ,Unwritten easments,Maintenance through subdivisions ,Subdivided land
Toltec Watershed Improvement District	Yes	yes	none
Torrington Irrigation District	No		
Trowel Ditch Company	Yes	Yes	Seepage along steep bank
Twin Butte Land and Irrigation Co.		Yes	Maintenance through subdivisions
Twin Creek Ditch Company	Yes	No	Diversion is poorly constructed
Victoria Ditch Co.		Membership meetings	
Wagonhound Land & Livestock	Yes	Yes	

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West Side Canal Company	Yes		
Whaley Ditch	Yes	No	Moss affecting flow, high price of chemical for control of moss, lack of organizational structure - by laws
Wheatland Irrigation District	Yes	Yes	Old system started in 1883; unwritten easments; subdivided lands, delivery to subdivided lands
Whitney Reservoir	Yes	No	High elevation, late melt off, spill way is not the best
Willwood Irrigation District	No	diversion automation, PVC pipeline conveyances, limited measurement	diversion dam rehabilitation (see 2009 WWDC Level II Dam Rehab Study)open lateral conversion to buried pipe (3 laterals - L84, L40, L57)replace 3 radial gates and stop log spillways with automated gate systems small hydropower plant install on canal (546 kW firm power) replace open concrete chutes with pipeline
Wise Ditch Company [Rodgers and Gregg]	Yes	Yes, some pipe and some lining	Floom replacement, put ditch in pipe to control evaporation.
Wright & Murphy Ditch Company	Yes	Yes	
Wyoming Game and Fish Commission	Yes	Yes	