

JIO MITIGATION PROJECTS			
	May 3, 2011		
Name	Description	Status	Project Acres
	Wildlife		
Arambel Reservoir Habitat Improvement	Treatment of 5-acre test plots using Lawson Aerator. Snow fence construction to add moisture for increased reclamation success, test of weed control methods, and repair of dam on Arambel Reservoir. Develop 2 water wells and build an enclosure around Sublette Springs to improve the riparian area. Project funded \$499,000.	In progress Monitoring on-going	1830
Cottonwood Ranches Bench Corral Conservation Project	This project has three parts including: 1) Conservation easement and conservation plan to preserve and enhance pristine wildlife habitat on 1,110 acres; 2) Water efficiency project that will allow improved irrigation and grazing management on 25,000 acres, and 3) Funding for intensive grazing management on a large scale (25,000 acres) that will address BMPs for sagebrush obligates. Project meets JIO wildlife mitigation goals for preserving and enhancing wildlife habitats. Project funded \$559,900.00.	Conservation easement complete; conservation plan implementation in progress	27,000
Cottonwood Ranches II Conservation Easement	This is the second Cottonwood Ranches project. This project includes a conservation easement with a conservation plan on approximately 1,600 acres of private land; implementation of improved grazing management on adjacent BLM allotments, state leases and private lands; and implementation of a water efficiency project designed to enhance grazing management implementation, increase forage production (for wildlife and livestock), and improve stream and riparian health over a two-mile stretch of Cottonwood Creek. Project meets JIO wildlife mitigation goals for preserving and enhancing valuable wildlife habitats. Project funded \$910,417.00.	Conservation easement complete; conservation plan implementation in progress	5,172
Cottonwood Ranches III Easement	The Cottonwood Ranches III Peterson Place Project continues on the successful program developed in the first two phases of the Cottonwood Ranches Initiative, and is based on conservation easement acquisition coupled with long-term land management planning and habitat improvement projects. Project funded \$988,350.00.	Conservation easement complete; conservation plan implementation in progress	2,571

Name	Description	Status	Project Acres
Cottonwood Ranches Conservation Plan	<p>The general location was selected by the Jonah Interagency Office staff in 2007 for its outstanding wildlife values that mimic those found in the Jonah Field. The overall goal of the Cottonwood Ranches Initiative is to conserve and enhance the contiguous 90,000 acres of deeded and public lands controlled by the Cottonwood Ranches. Three progressive management plans are incorporated into a comprehensive plan that adds an additional contiguous 5,034 acres to the management planning area, and connects the Cottonwood Ranches site to the McNeel Trust JIO project site, providing a contiguous block of 50,000 acres being managed for benefits to sage-grouse and other affected species. This project includes the implementation of various practices to improve wildlife habitat including sagebrush treatments, watering facilities, irrigation practices, and monitoring.</p> <p>Project funded \$625,000.00.</p>	In Progress	
CRC Conservation Easement (Carney Ranch)	<p>Conservation easement, with a conservation plan on 2,571 acres of extremely valuable wildlife habitat in the Upper Green River Valley that is at high risk for development. This property includes portions of the pronghorn antelope migratory bottleneck (the Funnel Bottleneck) at the head of the Upper Green River, sage-grouse nesting and brood rearing habitat, approximately one mile of Green River frontage, elk winter range, moose crucial winter range, and other wildlife habitat values. This project meets the JIO wildlife mitigation goals by permanently protecting the "Funnel Bottleneck" portion of the pronghorn antelope migratory corridor. The conservation plan demonstrates how this property will be managed in a way that improves/maintains/protects these valuable habitats.</p> <p>Project funded \$2,093,800.00.</p>	In Progress	51,156
Cross Lazy Two Ranch Project	<p>Project involves (1) purchasing a conservation easement on the ±4,410-acre Cross Lazy Two Ranch and (2) implementing a mutually-agreeable conservation/habitat management plan includes annual monitoring and a communication plan to ensure regular review and adaptation as necessary. Project meets JIO wildlife mitigation goals for preserving and enhancing wildlife habitats.</p> <p>Project funded \$2,000,000.00.</p>	Conservation easement complete; conservation plan implementation in progress	4,598

Name	Description	Status	Project Acres
Diamond H Ranch Conservation Project	<p>Conservation easement and conservation plan on approximately 3,000 acres of high quality wildlife habitat around small-tract home-site developments. Habitat fragmentation resulting from development activities are considered to be among the State's greatest threats to wildlife habitat and to traditional agricultural operations. Project meets JIO wildlife mitigation goals for preserving and enhancing wildlife habitats.</p> <p>Project funded \$479,430.00.</p>	Completed	
Dynamic Message Signs	<p>Project should reduce pronghorn/vehicle collisions. Funds used to purchase four Dynamic Message Sign boards to be placed along Sublette County highways advising drivers of wildlife crossing concentration areas. These portable signs would be most beneficial during migration seasons.</p> <p>Project funded \$62,500.00.</p>	Completed	
Elk Mountain/Red Canyon Prescribed Burn	<p>Project includes the improvement of upland plant communities for various wildlife species, including sage-grouse, with prescribed burning of 20,000 acres in a mosaic pattern in the Elk Mountain area. This action is the most environmentally acceptable method of stimulating regeneration of desired plant communities (aspen, mountain shrubs and grasses). Project meets JIO wildlife mitigation goals for preserving and enhancing wildlife habitats.</p> <p>Project funded \$72,000.00.</p>	Completed	
Espenscheid Ranches Conservation Easement	<p>Project is designed to meet JIO wildlife and livestock mitigation goals through acquisition of a conservation easement on 10,000 acres of private land and a grazing management plan for 10,700 acres of associated BLM allotments. Conservation easement and plan must be completed by May 31, 2011.</p> <p>Project funded for \$575,000.</p>	Funded	10,000
Fish Creek Flying W Ranches Conservation Easement and Green River Fishing Access	<p>Project will place 1480 acres of private land under a permanent conservation easement and provide fishing and wildlife viewing access to 2 miles of the Green River.</p> <p>Project funded for \$65,000.</p>	Funded	1,480

Name	Description	Status	Project Acres
JIO Focus Area Inventory	<p>Project involves the collection of baseline vegetation information for future implementation of projects designed to address JIO mitigation targets and goals. Another aspect of this includes the use of inventory information for the development of conservation plans associated with JIO projects, in particular those involving an easement.</p> <p>Project funded \$333,875</p>	Completed	
McNeel Conservation Plan	<p>Project involves: 1) purchasing a conservation easement on the 620 acres of McNeel Ranch and 2) implementing and monitoring a conservation/habitat management plan on 2,500 acres. Project meets JIO wildlife mitigation goals for preserving and enhancing wildlife habitats.</p> <p>Project funded \$320,000.00.</p>	Conservation easement complete; conservation plan implementation in progress	2,052
MJ Ranch Conservation Practices	<p>Implementation of the practices outlined in the MJ Ranch Conservation Plan. Practices include: Removal of some fence, building of new cross fence, 2 new watering facilities to aid in livestock distribution, pipelines for water transport to the new watering facilities, water gaps to prevent livestock access to riparian areas, range planting, and pasture seeding.</p> <p>Project funded \$108,323.00.</p>	Conservation easement complete; conservation plan implementation in progress	
MJ Ranch Conservation Project	<p>Conservation easement and conservation plan on 2,052 acres to preserve valuable wildlife habitat. Project meets JIO wildlife mitigation goals for preserving and enhancing wildlife habitats.</p> <p>Project funded \$536,821.00.</p>	Conservation easement complete; conservation plan implementation in progress	
New Fork River Restoration	<p>Project intends to enhance recreation opportunities in the JIO mitigation area by actively restoring and stabilizing 1.75 miles of degraded reaches of the New Fork River on private and state lands. The project is a collaborative effort between private landowners, Intermountain Aquatics, Wyoming Game and Fish Dept, and Trout Unlimited.</p> <p>Project funded for \$60,000.</p>	Funded	

Name	Description	Status	Project Acres
Noble Cora Peak Wildlife Project	<p>Project includes 3 separate components: 1) Upgrade an existing spring and install a diversion to divert sediments away from the spring. Spring will provide essential vegetation for sage-grouse brood rearing, and drinking water for wildlife. 2) Drill and install a new water well with facilities for wildlife and livestock. This well will allow water to run-off down into the draw and into an old reservoir potentially creating vegetation essential for sage-grouse brood rearing. This watering facility will also create clean drinking water for pronghorn, as this is in the migratory area. Potential exists to install a wildlife friendly fence around the spring and reservoir for wildlife use. 3) Drill and install 2nd water well in northeast area of allotment. This well will provide drinking water for pronghorn and mule deer, especially during migrations, as well as livestock. Potential exists to develop plans for vegetation improvements if warranted. Project proponent will use the watering systems to implement a rotational grazing pattern throughout the allotment.</p> <p>Project funded \$64,640.00.</p>	In Progress	
Raptor Nest Platform Project	<p>Construction and placement of nesting platforms for ferruginous hawks. Locations to be determined.</p> <p>Project funded \$2,153.00.</p>	In Progress	2,500
Rock Creek Subdivision Antelope Migration Fence Modification	<p>Provide funding for modification of fences in the Upper Green subdivision in an important migratory bottleneck for pronghorn antelope. Project meets JIO wildlife mitigation goals by improving antelope migration corridors at fence crossings.</p> <p>Project funded \$18,804.00.</p>	Completed	
Ryegrass Mowing	<p>Project consists of mowing sagebrush on the Ryegrass Individual and James Ryegrass allotments. Project meets JIO wildlife mitigation goals by enhancing wildlife habitats through creating a mosaic landscape improving diversity and age classes of vegetation.</p> <p>Project funded \$13,000.00.</p>	Completed	

Name	Description	Status	Project Acres
Sommers/Grindstone Conservation Project	<p>This project consists of three distinct conservation projects: 1) the Sommers/Todd Place project, 2) the Scott Place project, and 3) the Duke Place project. The three projects combined encompass approximately 19,000 deeded acres located at two critical locations along the Green River in northern Sublette County and at an important corridor and buffer area between the Bridger Teton National Forest and the Green River. This project includes conservation practices to maintain/enhance valuable wildlife habitat, preserve a significant historical site, and allow public fishing access.</p> <p>Project funded \$5,000,000 from JIO and \$6,000,000 from PAPO</p>	Conservation easement complete	19,000
Square Top Water Wells	<p>Project includes improving 3 watering facilities in the Square Top Allotment and creating a "wildlife only area" for each location. An overflow on each well will create a pond or green-up zone that will be fenced for wildlife only access. The watering facilities will provide essential drinking water to wildlife and livestock and will improve livestock grazing distribution across the allotment. Project meets JIO goals by improving or enhancing wildlife habitat.</p> <p>Project funded \$73,944.00.</p>	Completed	
Water Trough Bird Ramps	<p>Install wildlife escape ramps in all BLM range improvement water tanks. Project meets JIO wildlife mitigation goals by reducing sage-grouse and other animal drownings in livestock watering facilities. These escape ramps will allow for easy access out of the tank should animals fall in. Eighty ramps installed in 2009.</p> <p>Project funded \$36,500.00.</p>	In Progress	

Name	Description	Status	Project Acres
Wildlife Friendly Fencing Project	<p>This project includes 5 phases: 1 & 2) Inventory and map fences within a portion of the pronghorn migration route identified by the Wyoming Game and Fish Department; 3) Evaluate which fences most affect pronghorn and other big game migration; 4) Modify, reconstruct and/or remove fences to facilitate better pronghorn movement; and 5) Monitor and evaluate the project's effectiveness. This project meets the JIO wildlife mitigation goals by improving the viability of the pronghorn migration route between summer range in Teton National Park and winter range in Sublette County and allow unimpeded seasonal movement by these and other animals.</p> <p>Project funded \$1,000,000.00.</p>	Completed	

Name	Description	Status	Project Acres
Air Quality			
American Recovery and Reinvestment Act (ARRA)/ Diesel Emissions Reduction Act (DERA)	<p>Proposed and administered by Wyoming DEQ, this project will reduce diesel emissions by approximately 130 tons of nitrogen oxides, particulate matter, hydrocarbons, and carbon monoxide. Eighty-six engines belonging to project partners were identified for retrofitting. Monetary contributions from the EPA will offset costs.</p> <p>Project awarded \$250,000.00.</p>	Completed	
Community Outreach Campaign	<p>The "What Can I Do?" community outreach campaign encourages environmental education through community involvement and offers opportunities for people to lessen their contribution to air pollution in the Upper Green River Basin. Support has been given to local recycling and education initiatives involved with reduction of burned particulate matter, VOCs, and other air pollutants. Other supported projects include: the wood stove change-out program, the purchase and placement of books advocating environmental responsibility in local libraries, and the muffler change-out program.</p> <p>Project funded \$10,312.00.</p>	Completed	
Deisel Emission Reduction	<p>Project will reduce emissions through retrofits, repowers, preventative maintenance programs, employee training, and idle reduction practices in order to reduce diesel particulates, hydrocarbons, and carbon monoxide emission.</p> <p>Project funded \$150,000</p>	Funded	
DEQ Ozone Study	<p>Funds were used in the 2007 Ozone Study. Results may be found on the State of Wyoming DEQ web site (http://deq.state.wy.us).</p> <p>Project funded \$442,000.00.</p>	Completed	
Environmental Book Donation for Sublette County Citizens	<p>Provided funds to each of the six public libraries in Sublette County to allow the purchase of library materials (books or other media) which are determined by each library director to improve the library's collection of information related to the environment, environmental health, or environmental protection. Approximately 100 books and media as well as 15 DVDs were identified.</p> <p>Project funded \$8,000.00.</p>	Completed	

Name	Description	Status	Project Acres
High Meadow Ranch Dust Suppression	<p>The project area encompasses 2.8 square miles of residential living consisting of 382 homes in 3 subdivisions. Roads through this area are heavily traveled and are the source of significant dust and vehicle emissions. Dust may be suppressed by paving or graveling, or stabilizing the road surfaces with water, vegetable oil, or other dust suppressants. Suppressing dust directly supports an air quality off-site mitigation goal.</p> <p>Project funded for \$324,000.</p>	Completed	
Non-Road Muffler Change-Out (Heavy Machinery)	<p>Fifty-nine (59) vouchers of \$2,500 each have been given to owners (at least ten different companies) of eligible non-road equipment for the purchase and installation of a diesel oxidation catalyst. None have been redeemed.</p> <p>Project funded \$150,000.00.</p>	In Progress	
Wood Stove Change-Out Program 2009,2010,2011	<p>The Wood Stove Change-Out Program provided an opportunity for Sublette County citizens to change-out their older, non-certified wood stoves for newer, less polluting, EPA-certified stoves. Any individual, business, or public or private organization was allowed to register to win a certificate which would provide up to \$3500 towards the costs to purchase and install an EPA-certified wood stove to replace an existing wood stove, or to replace an existing wood stove with a natural gas stove. Certificates are awarded in a raffle.</p> <p>Because of incomplete combustion, older stoves produce about 50 grams of particulate matter per hour while EPA certified stoves produce about 3 grams per hour.</p> <p>Project funded \$388,000.</p>	In Progress	

Name	Description	Status	Project Acres
Cultural			
Boulder Lake North Campground Improvement	<p>The purpose of this project is to enhance the recreational experience and protect historic/cultural resources by upgrading the fencing around the campground. Improvements to public access, recreation information, and facility enhancements will enhance user benefits.</p> <p>Project funded for \$84,500 (50/50 recreation/cultural).</p>	In Progress	
Museum of the Mountain Man Exhibits	<p>Create exhibit that educates the public about prehistoric and/or historic artifacts found in the Jonah Field. Project entails building or purchase of one permanent display case and building or purchasing a traveling exhibit.</p> <p>Permanent display completed June 2009. Traveling exhibit due Spring 2010.</p> <p>Project funded \$50,000.00.</p>	Completed	
Wardell Buffalo Trap	<p>Establishment of a drainage system to protect the Wardell Buffalo Trap site for preservation of an important archaeological site.</p> <p>Project funded \$40,000.00.</p>	Completed	

Name	Description	Status	Project Acres
Livestock			
Boundary/Sublette Allotment Project	<p>Project provides wildlife and livestock drinking water by drilling 2 new wells and upgrading 2 wells south of the Jonah Field. Project also repairs and extends wildlife friendly fencing between two allotments to reduce livestock drift from Jonah. Fence will also allow for grazing rotation which may improve habitat values. Project meets JIO wildlife mitigation goal by improving habitat outside of the Jonah Field. Project meets JIO livestock mitigation goal by relocating livestock away from the Jonah Field and thus reducing the livestock impact.</p> <p>Project funded \$121,000 with livestock funds and \$121, 000 with wildlife funds.</p>	Completed	
Don Rogers Livestock Mitigation Project	<p>Don Rogers is a Stud Horse Butte Allotment permittee directly affected by JIDPA development. Permittee would like to temporarily relocate livestock grazing from Stud Horse Butte Allotment to another location for a period of 5 years. This project requests livestock mitigation funding to pay for AUMs in alternative pasture. Temporary relocation would eliminate livestock losses due to the intensive development of the field. Not only will this project eliminate the conflicts between livestock grazing and gas development in the Jonah Field, it will assist with reclamation objectives by allowing reclamation sites a 2-year growing season prior to livestock grazing.</p> <p>Project funded \$67,500.00.</p>	In Progress	
Rendezvous Ranches Livestock Mitigation Project	<p>Rendezvous Ranches is a Sand Draw permittee directly affected by JIDPA development. Permittee would like to temporarily relocate livestock grazing from the Jonah Field to another location for a period of 5 years. This project requests livestock mitigation funding to pay for AUMs in alternative pasture. Temporary relocation would eliminate livestock losses due to the intensive development of the field.</p> <p>Project funded \$360,220.00.</p>	In Progress	19,000

Name	Description	Status	Project Acres
Recreation			
New Fork, East Fork Rivers Confluence Boat Ramp and River Access	<p>Modify/upgrade existing access area. This project will provide for reclaiming of some roads, improving primary access road, developing a hardened boat ramp and parking area, constructing barriers to restrict vehicles from certain areas, and signing. Phase II could add comfort station, additional parking, additional road improvements, modification of the river bank and tree planting. Project meets JIO recreation mitigation goals by improving access to recreational users and providing public awareness of natural resources.</p> <p>Project funded \$126,500.00.</p>	In progress; construction 2011	
Boulder Lake North Campground Improvement	<p>The purpose of this project is to enhance the recreational experience and protect historic/cultural resources by upgrading the fencing around the campground. Improvements to public access, recreation information, and facility enhancements will enhance user benefits.</p> <p>Project funded for \$84,500 (50/50 recreation/cultural).</p>	In Progress; construction 2011	