

PAPO MONITORING & MITIGATION PROJECTS			
	updated October 3, 2012		
Name	Description	Status	Project Acres
	Wildlife Mitigation		
Mesa Mule Deer Winter Habitat Improvement Project-2010	The Bureau of Land Management and the Wyoming Game and Fish Department implemented a rangeland fertilization project on 468 acres on the Anticline to offset natural gas development impacts to the wintering mule deer and year-round Greater sage grouse populations. Sagebrush leaders and herbaceous production will be monitored on an annual basis during the next several years to determine the success of the treatment.	Funded 2010 for \$46,000; monitoring in progress	468
Mesa Mule Deer Winter Habitat Improvement Project-2011/12	1000 acres will be fertilized on the flanks of the Anticline and within mule deer crucial winter range. Funding is for 1,000 acres in 2011 with the option of funding for 2,000 acres in 2012.	Funded 2011 for \$215,700; monitoring in progress	3,000
Mesa Fertilization Data Collection	Quantitatively monitor 2010 and 2011 fertilization projects to monitor effectiveness of treatments.	Funded 2012 for \$100,000; monitoring in progress	
Mule Deer NEPA and Cultural Work	NEPA and cultural survey work will be completed for potential future mule deer habitat improvement projects.	Funded 2012 for \$100,000; planning and field work in progress	

Name	Description	Status	Project Acres
Wildlife Mitigation			
Sommers/Grindstone Conservation Project 2010	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.	Funded for \$6,000,000 from PAPO and \$5,000,000 from JIO; conservation easement completed	19,000
Wildlife Friendly Fencing Initiative-Phase 2	The Corridor Conservation Campaign is an effort to link wildlife habitat and migration, and working agricultural lands through a 5-year, 500-mile project to retrofit existing fence to make it wildlife/livestock friendly within a portion of the mule deer migration route from the Hoback Rim to the Big Sandy River.	Funded 2011 for \$250,000; project has been completed	
Mesa Wildlife Friendly Fence Project	This project consists of retrofitting 100-miles of existing fence in mule deer crucial winter range on the Mesa to wildlife friendly specifications.River.	Funded 2012 for \$500,000; project is in progress	
Mesa Reservoir No. 1 Well Project	This project consists of drilling and installation of a livestock water well to redistribute livestock off of reclamation that is occurring in the core development area of the Anticline. The water well will have an overflow area and will provide water to wildlife from early spring to late fall.	Funded 2012 for \$51,500; EA has been completed with project completion expected 2013	

Name	Description	Status	Project Acres
Wildlife Monitoring			
Mule Deer Monitoring	Quantitatively monitor and report mule deer population parameters and habitat use within the Pinedale Anticline Project Area (PAPA) and compare to reference area populations and habitat use.	Funded \$200,000 each year; there is annual data collection	
Pronghorn Monitoring	Quantitatively monitor and report mule deer population parameters and habitat use within the Pinedale Anticline Project Area (PAPA) and compare to reference area populations and habitat use.	Funded \$220,000 each year; there is annual data collection	
Pygmy Rabbit Monitoring	Quantitatively monitor and report occurrence and numbers of pygmy rabbits and identify distribution and numbers changes within the PAPA and compare to reference area populations and habitat use.	Funded \$170,000 each year; there is annual data collection	
Raptor Monitoring	Determine the location and activity status of approximately 650 raptor nests/territories and conduct nest searches for new nests within the PAPA and 1.0-mile buffer of the PAPA. Surveys of the New Fork and Green River Corridors (within the PAPA boundary and a 1.0-mile buffer) will be conducted to determine the occurrence/potential occurrence of winter bald eagle roosts.	Funded \$120,000 each year; there is annual data collection	
Sage-Grouse Monitoring	Quantitatively monitor and report Greater sage-grouse population parameters and habitat use within the PAPA and compare to reference area populations and habitat use. Another component of the project is monitor noise at leks.	Funded \$250,000 each year; there is annual data collection	
Snow Depth and Traffic Monitoring	Quantitatively monitor and report Snow Depth and Traffic Volumes within the PAPA and compare to reference area populations and habitat use.	Funded for \$35,000 each year; there is annual data collection	

Name	Description	Status	Project Acres
Wildlife Monitoring			
White-tailed Prairie Dog Monitoring	Quantitatively monitor and report occurrence and numbers of white-tailed prairie dogs and identify distribution and numbers changes within the PAPA and compare to reference area populations and habitat use.	Funded for \$60,000 each year; there is annual data collection	
Bald Eagle Key Habitat	Project will conduct research to better understand key habitats for Bald Eagles to ensure future mitigation efforts target the most effective areas to protect the species.	Funded in 2011 for \$60,000; project is in progress	

Name	Description	Status	Project Acres
Air Quality			
Air Quality Study for Ozone Modeling (PASQUA)	Conduct air quality spatial measurement and survey for improving emission inventory factors and VOC input data for ozone modeling associated within the PAPA (Jan. 2010 to August 2012).	Funded for \$270,000; project is in progress	
American Recovery and Reinvestment Act (ARRA) Diesel Emissions Reduction Act (DERA)	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. Twenty-five engines belonging to project partners were identified for retrofitting. Monetary contributions from the EPA will offset costs. This project is co-funded with JIO.	Funded for \$262,470; project is in progress	