

JONAH INTERAGENCY MITIGATION & RECLAMATION OFFICE

1625 West Pine
PO Box 768
Pinedale, Wyoming 82941
(307) 367-5363

APPLICATION FOR FUNDING

(use additional sheets if necessary)

1. GENERAL PROJECT INFORMATION

Project Name: Diesel Emission Reduction Strategies – Development & Implementation

General Location (distance and direction from nearest city/town, attach map at a scale not less than $\frac{1}{2}$ " = 1 mile): Diesel equipment working the majority of time in Sublette County – (examples include construction, mining, agricultural, on-highway trucks associated with liquids gathering)

Legal Location of Project (attach map at a scale not less than 1" = 2,000').

Township: T _____ N _____

Range: R _____ W _____

Section(s): _____

County: _____

Surface Ownership (check all that apply): Federal _____ State _____ Private _____

**If project includes a mosaic of land ownerships (e.g., mix of federal, state and/or fee lands), provide a breakdown for each specific owner by acres and percent of total project area.

Contact Information for Affected Parties or Agencies: State of Wyoming DEQ/AQD/JIO, Jennifer Frazier
307.231.2387

2. APPLICANT INFORMATION

Name/Organization: State of Wyoming/DEQ/AQD/JIO

Mailing Address: PO Box 1361

City: Pinedale *State:* WY *Zip Code :*

Daytime Phone # 307.231.2387 *Fax #*

Email Address: jfrazi3@wyo.gov

Point of Contact (if different from above): Jennifer Frazier

3. PROJECT DESCRIPTION

General Project Type (check all that apply):

Wildlife _____

Land Use/Livestock _____

Land Use/Recreation _____

Cultural _____

Other AIR QUALITY _____

Describe Project Proposal (e.g., mechanical treatment, water improvement, etc.): The proposed project is directly in line with EPA's National Clean Diesel Campaign (see brochure).

The prolific gas fields in Sublette County have provided an opportunity for growth. Along with growth comes the diesel equipment which makes the growth possible (whether it be non-road equipment, on-highway equipment, or agricultural equipment). This project proposal outlines opportunities within Sublette County to reduce diesel emissions through retrofits, repowers, preventative maintenance programs, employee training, and idle reduction practices. By providing diesel equipment operators an opportunity to improve air quality, it is foreseen that diesel particulates, hydrocarbons, and carbon monoxide emissions will be reduced. Research is also suggesting black carbon emissions play a role in global warming.

This proposal emphasizes *voluntary* reductions and would be incentive-based to contractors. "Voluntary" meaning there are no current (or foreseen) rules and regulations being developed by the State of Wyoming. "Incentive-based" meaning there would be opportunities for cost-sharing for the diesel emissions reductions.

An "even playing field" will be ensured so that all participants will have a fair opportunity.

Total Project Acres (if applicable): Not Applicable

Acres Indirectly Affected (if applicable, explain): Not Applicable

4. OBJECTIVES OF PROJECT, AND BENEFITS TO JIO OFF-SITE MITIGATION STRATEGIC GOALS.

Objectives: to reduce diesel particulate matter, hydrocarbons, and carbon monoxide emissions from the exhaust stream of diesel equipment working in Sublette County. By reducing these pollutants, there is a direct effect on human health, visibility, and ozone.

5. DIRECT/INDIRECT EFFECTS ON OTHER RESOURCES. (if applicable)

Reducing PM in the air has a direct effect on human health. It may have an indirect benefit to water resources because the PM is deposited somewhere (either in our mountain streams and lakes or suspended in the air).

6. POTENTIAL FOR FUTURE EXPANSION OF PROJECT. Explain

"Lessons Learned" would be shared and perhaps launched into the State of Wyoming's statewide program.

7. LIST ALL PROJECT PARTNERS/COOPERATORS, THEIR ROLES AND/OR CONTRIBUTIONS

It is foreseen that several local business will benefit from this project. Since human health is involved, the local people will also benefit by not having to breathe in the diesel emissions.

Several local contractors will act as partners/cooperators as it is foreseen that their equipment will be used for diesel emission reductions.

There are also several service companies that will benefit due to their involvement in the process (for example, Wyoming Machinery Company for Caterpillar engines, John Deere, and Smith PPI for Detroit Diesel engines).

8. PROJECT MONITORING AND REPORTING (Describe how monitoring and reporting will be done, and how it relates to the objectives)

The State of Wyoming DEQ will act as the administrator and manager for this project. Monthly reports will be developed showing project status, budget, other.

9. RESEARCH POTENTIAL

None at this time.

10. PERMITS AND AUTHORIZATIONS REQUIRED PRIOR TO PROJECT IMPLEMENTATION (including but not necessarily limited to the following):

PERMIT OR AUTHORIZATION	REQUIRED		SUBMITTED		APPROVED	
	Yes	No	Yes	No	Yes	No
Cultural Resource Inventory		X				
COE Section 404 Permit		X				
Cooperative Agreement(s)		X				
NEPA Analysis		X				
Pesticide Application Permit		X				
Private Landowner Agreement(s)		X				
Sensitive Species Clearance		X				
Surface/Ground Water Permits		X				
T/E Species Clearance		X				
Other (explain)						

11. TOTAL PROJECT COST (Attach detailed budget)

Project Planning and Design	\$ 0 _____
Project Implementation	\$ 150,000 _____
Project Operation and Maintenance	\$ 0 _____
Total Required	\$ 150,000 _____

12. MATCHING FUNDS ANTICIPATED IN CASH (list source and amount). None at this time, but some are being pursued. Matching funds have been identified and are included in the "Project Design".

13. ANTICIPATED "IN KIND" MATCHING FUNDS (list source, valuation, and valuation method)

14. PERCENTAGE OF FUNDING ON HAND OR COMMITTED

15. TOTAL JIO FUNDING REQUESTED: \$ 150,000

16. EXPECTED/ANTICIPATED LIFE OF PROJECT (LOP)

Perpetual _____ > 50 Years _____ 25-50 Years _____ < 25 Years X _____

Explain Basis for Projected LOP:

17. PROJECT TIMELINE AND ESTIMATED COMPLETION DATE. Explain

April 2011 – Receive Managerial Support for Project
Mid April – Develop Diesel Emission Reduction Strategies
May 2011 – Begin advertising program and targeting eligible entities
June 2011 – December 2011 – Implementation of the Diesel Emission Reduction Strategies

18. ATTACHMENTS AND SUPPORTING DOCUMENTATION

Project Design X_____

Letters of Support _____

Management Plan _____ Long Term _____ Short Term _____¹

Monitoring Plan _____ Long Term _____ Short Term _____¹

Relevant Past Experience X_____ Other _____ Explain:

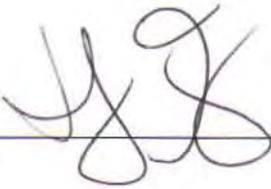
The WDEQ/AQD/JIO successfully managed a \$2.3 million ARRA DERA (diesel emission reduction act) project. The WDEQ/AQD/JIO also has received JIO funding to reduce diesel emissions by providing diesel oxidation catalysts on non-road equipment working the majority of time in Sublette County.

¹ Long term is defined as greater than (>) 5 years; short term is less than (<) 5 years.

19. ADDITIONAL INFORMATION FOR JIO CONSIDERATION

Transparency will be maintained in ALL selections in order to ensure no favoritism is shown toward contractors or vendors. Everything will be documented.

20. ACKNOWLEDGEMENT


Signed _____

Jennifer Frasier
Printed Name _____

Principal Engineer
Title _____

Nov 1, 2010
Date _____