

US EPA ARCHIVE DOCUMENT

Project Title: Multimedia Oil and Gas Production Environmental Results Program

Applicant: Louisiana Department of Environmental Quality

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LDEQ
602 N. Fifth Street
Baton Rouge, LA 70802

Funding Request: \$250,000

Project Period: From acceptance of grant to XXX, 2009

Project Background

Current Situation and Need

Objective and Public Benefits

The LDEQ goals and objectives for the oil and gas production industry are as follows:

- Multimedia compliance assistance
- Multimedia inspection
- Improved compliance
- Online self certification
- Interagency data exchange

Key Activities and Timelines

Activity	Start Date	End Date
Submit final work plan	6/13/06	7/10/06
Project Kickoff	7/15/06	7/30/06
Goal Identification		
Measures Identification		
Develop EPBI's		
Data Integration with LDNR		
Facility Identification		
Baseline Inspections		
Facility Assistance		
Self-certification		
Data Collection and Management		
Statistical Methodology		
Analysis of self-certification results		
Follow-up with self-certifiers		
Post-certification inspections		
Data Analysis		
USEPA Reporting		

Program/Project Description

Resources & Partners	Activities	Outputs	Outcomes			
			Customer Reached	Short Term	Intermediate Term	Long-Term
<ul style="list-style-type: none"> LDEQ Staff USEPA Trade/Business Associations Environmental groups La. Dept of Natural Resources 	<ul style="list-style-type: none"> Engage and involve internal and external stakeholders 	<ul style="list-style-type: none"> Number of stakeholders and affiliations involved in process Extent of stakeholder involvement 	<ul style="list-style-type: none"> Regulated Community 	<ul style="list-style-type: none"> Increased awareness among industry sector of regulations and how to achieve compliance Increased understanding of "beyond compliance" options 	<ul style="list-style-type: none"> Increase in the number of oil and gas production sites in compliance with air requirements and BMP's Increase in the number of oil and gas production sites in compliance with water requirements and BMP's Oil and gas production facilities participating in ERP Cultivate 	<p>Reductions in air emissions of NOx, SO2, VOC, Benzene, Ethylbenzene, Toluene, Xylene</p> <p>Increased water quality</p>
	<ul style="list-style-type: none"> Identify the universe of regulated oil and gas production facilities 	<ul style="list-style-type: none"> List of oil and gas production facilities prior to ERP 				
	<ul style="list-style-type: none"> Conduct random pre-ERP inspections 	<ul style="list-style-type: none"> Number of compliance assistance site visits conducted Results of visits 				

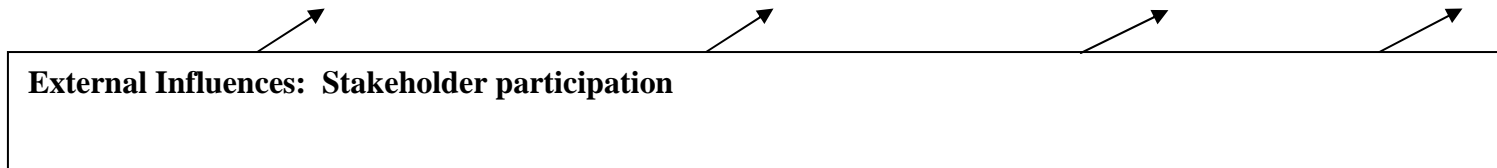
Resources & Partners	Activities	Outputs	Outcomes			
			Customer Reached	Short Term	Intermediate Term	Long-Term
	<ul style="list-style-type: none"> • Develop EBPI's • Develop P2's and BMP's 	<ul style="list-style-type: none"> • Environmental Business Practice Indicators • Compliance and environmental results and expectations • Additional information to capture in inspection checklist and certification form 		•	•	•
	<ul style="list-style-type: none"> • Develop multimedia inspector checklist • Develop and conduct inspector training 	<ul style="list-style-type: none"> • ERP Training for Inspectors • Multi-media inspection tools and techniques for use by single media inspector 	• LDEQ	•	•	•
	<ul style="list-style-type: none"> • Conduct targeted inspections to determine performance and compliance status changes 	•	•	•	•	

Resources & Partners	Activities	Outputs	Outcomes			
			Customer Reached	Short Term	Intermediate Term	Long-Term
	<ul style="list-style-type: none"> Develop compliance assistance materials Conduct workshops 	<ul style="list-style-type: none"> Compliance assistance material Number of compliance assistance materials provided to regulated community Number of compliance assistance workshops conducted Workshop attendance 	<ul style="list-style-type: none"> Regulated community Trade associations 			
	<ul style="list-style-type: none"> Evaluate implementation of ERP 	<ul style="list-style-type: none"> Number of participants self-certifying Number of participants implementing "beyond compliance" 				
<ul style="list-style-type: none"> LDEQ Staff USEPA Trade/Business Associations Environmental groups 	<ul style="list-style-type: none"> Conduct Community Outreach 	<ul style="list-style-type: none"> Public meetings Public communications Outreach materials 	<ul style="list-style-type: none"> Public Regulated Community 	<ul style="list-style-type: none"> Increased community awareness 	<ul style="list-style-type: none"> Increase community participation 	

Resources & Partners	Activities	Outputs	Outcomes			
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<ul style="list-style-type: none"> LDEQ Staff USEPA 	<ul style="list-style-type: none"> Secure internal support for ERP through presentations and meetings Survey staff for evaluation of ERP 	<ul style="list-style-type: none"> ERP benefits presentations Senior management commitment to ERP Number of managers/staff attending presentations Staff surveys 	<ul style="list-style-type: none"> LDEQ 	<ul style="list-style-type: none"> Changing attitudes 	Application of ERP toward other industry sectors	<ul style="list-style-type: none">
	<ul style="list-style-type: none"> Evaluate ERP's impact on permitting business process (timeframes and resource allocation) 	<ul style="list-style-type: none"> Pre- and post ERP manpower and agency costs by task/unit 	<ul style="list-style-type: none"> LDEQ 	<ul style="list-style-type: none"> 	Reduction in administrative burden for the state	Utilize department resources more effectively
	<ul style="list-style-type: none"> Develop a process of ERP for other state's use and future sectors Document ERP development process 	<ul style="list-style-type: none"> Listing of lessons learned and keys to success 	<ul style="list-style-type: none"> Other states 	<ul style="list-style-type: none"> 		
<ul style="list-style-type: none"> LDEQ Staff Regulated Community 	<ul style="list-style-type: none"> Determine efficiency gains and cost savings 	<ul style="list-style-type: none"> Cost and time involved in current permitting process Cost and time spent on ERP certification process Customer surveys 	<ul style="list-style-type: none"> Regulated community 	<ul style="list-style-type: none"> 		<ul style="list-style-type: none">

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<ul style="list-style-type: none"> LDEQ La. Department of Natural Resources (LDNR) 	<ul style="list-style-type: none"> Develop data exchange to address interagency goals and strategies 	<ul style="list-style-type: none"> Data exchange goals and methodologies Data sets exchanged 	<ul style="list-style-type: none"> LDEQ LDNR 		Reduction in data redundancy (PM - % reduction of invoice problems)	
<ul style="list-style-type: none"> LDEQ Staff IT Contractual Assistance Regulated Community 	<ul style="list-style-type: none"> Develop and implement web-based certification program 	<ul style="list-style-type: none"> Web-based certification program Online self-certifications 	<ul style="list-style-type: none"> Regulated community 			

Program/Project Mission or Goal:



Transferability

Public Involvement