



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

OFFICE OF ACTIVE AND ABANDONED MINE OPERATIONS

August 26, 2013

Ms. Sheila Hartless
Office of Surface Mining Reclamation and Enforcement
Appalachian Regional Coordinating Center
3 Parkway Center
Pittsburgh, PA 15220

Dear Ms. Hartless:

This letter transmits the signed original and one copy of Pennsylvania's FFY 2014 Administrative and Enforcement Grant application. The application requests federal funding of \$12,492,807 for the period of October 1, 2013 through September 30, 2014.

It is requested that the Harrisburg Field Office obtain necessary clearances to satisfy the Intergovernmental Review Process.

Should you have any questions or require additional information, please contact Paul Pocavich at 717-783-9581.

Sincerely,

John Stefanko
Deputy Secretary for Active and
Abandoned Mine Operations

cc: Ben H. Owens

RECEIVED
BUR. OF MINING AND
RECLAMATION
13 AUG 27 AM 10:26
DEPT. OF ENVIRONMENTAL
PROTECTION

Application for Federal Assistance SF-424

Version 02

*1. Type of Submission: <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application	*2. Type of Application * If Revision, select appropriate letter(s) <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation *Other (Specify) <input type="checkbox"/> Revision
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3. Date Received:	4. Applicant Identifier:
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5a. Federal Entity Identifier:	*5b. Federal Award Identifier:
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State Use Only:

6. Date Received by State:	7. State Application Identifier:
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8. APPLICANT INFORMATION:

*a. Legal Name: PA Department of Environmental Protection	
*b. Employer/Taxpayer Identification Number (EIN/TIN): 23-2632825	*c. Organizational DUNS: 135668887

d. Address:

*Street 1:	<u>P. O Box 2063</u>
Street 2:	<u>400 Market Street</u>
*City:	<u>Harrisburg</u>
County:	<u>Dauphin</u>
*State:	<u>PA</u>
Province:	_____
*Country:	<u>United States</u>
*Zip / Postal Code	<u>17105-2063</u>

e. Organizational Unit:

Department Name: Office of Active and Abandoned Mine Operations	Division Name:
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f. Name and contact information of person to be contacted on matters involving this application:

Prefix: <u>Mr.</u>	*First Name: <u>Paul</u>
Middle Name: _____	
*Last Name: <u>Pocavich</u>	
Suffix: _____	
Title: <u>Chief, Environmental Analysis & Support Division</u>	
Organizational Affiliation: <u>Bureau of Mining Programs</u>	
*Telephone Number: <u>717-783-9581</u>	Fax Number: <u>717-783-4675</u>
*Email: <u>ppocavich@pa.gov</u>	

Application for Federal Assistance SF-424

Version 02

***9. Type of Applicant 1: Select Applicant Type:**

A. State Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

*Other (Specify)

***10 Name of Federal Agency:**

Department of Interior

11. Catalog of Federal Domestic Assistance Number:

15.250

CFDA Title:

Administrative and Enforcement Grant

***12 Funding Opportunity Number:**

*Title:

13. Competition Identification Number:

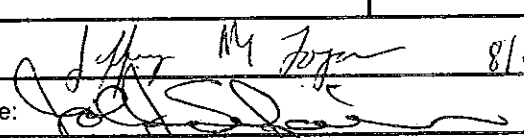
Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Statewide

***15. Descriptive Title of Applicant's Project:**

Implementation of Pennsylvania's Coal Mining Regulatory Program as provided in Section 503 of the Surface Mining Control & Reclamation Act of 1977, P.L. 95-87 & CFR 731.

Application for Federal Assistance SF-424		Version 02
16. Congressional Districts Of:		
*a. Applicant: 17	*b. Program/Project: Statewide	
17. Proposed Project:		
*a. Start Date: 10/01/2013	*b. End Date: 9/30/2014	
18. Estimated Funding (\$):		
*a. Federal	12,492,807	
*b. Applicant	12,492,807	
*c. State		
*d. Local		
*e. Other		
*f. Program Income		
*g. TOTAL	24,985,614	
*19. Is Application Subject to Review By State Under Executive Order 12372 Process?		
<input checked="" type="checkbox"/> a. This application was made available to the State under the Executive Order 12372 Process for review on _____		
<input type="checkbox"/> b. Program is subject to E.O. 12372 but has not been selected by the State for review.		
<input type="checkbox"/> c. Program is not covered by E.O. 12372		
*20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U. S. Code, Title 218, Section 1001)		
<input checked="" type="checkbox"/> ** I AGREE		
** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions		
Authorized Representative:		
Prefix: Mr.	*First Name: Jeffrey	
Middle Name: M.		
*Last Name: Logan		
Suffix:		
*Title: Executive Deputy Secretary for Administration and Management		
*Telephone Number: 717-772-5964	Fax Number: 717-783-7244	
*Email: gkreiser@pa.gov		
*Signature of Authorized Representative: 	*Date Signed: 8/21/13	

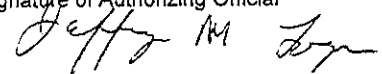
U. S. DEPARTMENT OF THE INTERIOR
Office of Surface Mining
BUDGET INFORMATION REPORT

IMPORTANT: Please read instructions on the reverse of this page before completing form.

A. Program	Pennsylvania's Regulatory Program	E. Budget Period (Month, Day, Year)	F. Mark X in Appropriate Box
B. Grantee	Department of Environmental Protection	Beginning Date 10/01/13	<input checked="" type="checkbox"/> New Budget
C. Grant Program	Administrative and Enforcement Grant	Ending Date 09/30/14	<input type="checkbox"/> Revised Budget
D. Rate of Federal Sharing (%)	50%		

PROGRAMS/FUNCTIONS/ACTIVITIES		District Mining Operations	Mining Programs	Office of Chief Counsel	Abandoned Mine Reclamation	Oil and Gas Management	Mine Safety	Total
Section A by	1. Personnel	\$ 8,623,611	\$ 1,232,339	\$ 569,709	\$ 5,476	\$ 99,068	\$ 199,111	\$ 10,729,314
	2. Fringe Benefits	\$ 4,854,231	\$ 693,683	\$ 320,689	\$ 3,083	\$ 55,766	\$ 112,080	\$ 6,039,532
	3. Travel	\$ 75,000	\$ 15,200	\$ 8,000	\$ -	\$ -	\$ 5,000	\$ 103,200
	4. Equipment	\$ 425,000	\$ 24,000	\$ -	\$ -	\$ -	\$ -	\$ 449,000
	5. Supplies	\$ 165,775	\$ 24,225	\$ 6,000	\$ -	\$ -	\$ 5,000	\$ 201,000
	6. Contractual	\$ 315,000	\$ 1,531,250	\$ 12,300	\$ -	\$ -	\$ 7,500	\$ 1,866,050
	7. Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	8. Other	\$ 811,015	\$ 609,152	\$ 7,000	\$ -	\$ -	\$ 10,000	\$ 1,437,167
	9. Total Direct Charges	\$ 15,269,632	\$ 4,129,849	\$ 923,698	\$ 8,559	\$ 154,834	\$ 338,691	\$ 20,825,263
	10. Indirect Charges	\$ 3,343,853	\$ 477,846	\$ 220,908	\$ 2,123	\$ 38,414	\$ 77,206	\$ 4,160,351
	11. Total	\$ 18,613,485	\$ 4,607,695	\$ 1,144,606	\$ 10,682	\$ 193,248	\$ 415,897	\$ 24,985,614
Section B by Quarter	12. First Quarter							
	13. Second Quarter							
	14. Third Quarter							
	15. Fourth Quarter							
	16. Total							
Section D by Course	17. Non-Federal Share							12,492,807.00
Section D for Income	18. Federal Share							12,492,807.00
	19. Program Income							

Section E Indirect Cost	20. Detail on Indirect Cost	<input type="checkbox"/> Predetermined	<input type="checkbox"/> Provisional	<input type="checkbox"/> Final	<input type="checkbox"/> Fixed
	Type of Rate (Mark X in one box) Rate: 24.81%	Total Amount _____	Base _____	\$ _____	\$ _____

G. Signature of Authorizing Official 	H. Name and Title (type or print) Jeffrey M. Logan Executive Deputy Secretary	I. Telephone Number (Area Code, Number) 717-772-5964
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U.S. DEPARTMENT OF THE INTERIOR
Office of Surface Mining
Washington, DC 20240

Performance Report

Program Narrative Statement

1. Type of Program (Check Appropriate Box)

Abandoned Mine Land Program

State and Federal Program

2. Grant Recipient

Type of Report

Reporting Period

Control Number(s)

Pennsylvania Department of
Environmental Protection

Administrative and Enforcement
Grant Application

10/01/2013 – 09/30/2014

3. Project Title/Program

FY 2014 Title V Administrative and Enforcement Grant

4. Performing Organization

Pennsylvania Department of Environmental Protection

5. Program Narrative

Objectives and Need for Assistance:

This grant will provide funding to support the Commonwealth of Pennsylvania's implementation of the Title V provisions of the Surface Mining Control and Reclamation Act of 1977, P.L. 95-87 (SMCRA). The program is primarily implemented by the Department of Environmental Protection's (DEP) Office of Active and Abandoned Mine Operations, with assistance from other DEP bureaus and Commonwealth agencies. DEP intends to implement the program in accordance with the State Program approved by OSM, consisting of DEP's regulations, technical guidance and authorizing statutes. Pennsylvania achieved primacy under SMCRA in 1982 and has implemented the program since then. This grant is made to DEP annually under the provisions of Title V (50% Federal / 50% State match) to support the program in Pennsylvania. This grant application is for the period from October 1, 2013 to September 30, 2014.

Total projected costs, including both the State and Federal shares, are provided on a Budget Information Report (OSM-47). There is no mining activity on Federal lands in Pennsylvania.

It is anticipated that a total of **\$24,985,614** will be required for Pennsylvania's FFY 2014 Title V program with 50% of that amount to be provided in State funds to match the Title V Administrative and Enforcement Grant.

Personnel: A total of **200.1** Full Time Equivalents (FTEs) will be charged to the grant, including no vacancies. The FTEs by functional area include:

District Mining Operations	166.00
Mining Programs	21.50
Chief Counsel	7.00
Abandoned Mine Reclamation	0.10
Oil and Gas	2.00
Mine Safety	3.50

Fringe Benefits: The average benefit rate established by the Commonwealth will be **56.29%** for the 2014 grant year.

Travel: Travel costs, expected to total **\$103,200** are listed below by functional area:

District Mining Operations	\$75,000
Mining Programs	\$15,200
Chief Counsel	\$8,000
Mine Safety	\$5,000

Type and Number of Trips:

Program Support Travel	
377 trips x average of 300 miles per trip x \$.565 per mile	\$63,902
Per diem and lodging (average \$77/night and subsistence \$46/day) for approx. 125 days	\$15,375

Out-Service Training Travel	
67 Trips x average of 400 miles per trip x \$.565 per mile	\$15,142
Air Fare at \$1,659 x 3 trips	\$4,977
Per diem and lodging (average \$77/night and subsistence \$46/day) for approx. 30 days	\$3,690
Parking	\$114

Equipment: Equipment costs, expected to total **\$449,000** are listed below by functional area:

District Mining Operations	
17 Vehicles @ \$24,000/vehicle	\$408,000
Portable Seismograph	\$7,000
LizardTech Geospatial Software For mine mapping	\$10,000
Mine Safety	
1 Vehicle @ \$24,000/vehicle	\$24,000

Supplies: Supplies purchased are expected to total **\$201,000**. Supplies include field supplies, commercial laboratory analysis, computers, cameras, GPS units, conductivity meters, safety supplies, telephones, paper, file folders, pens/pencils, toner for printers, ink cartridges, map scanning supplies, file storage boxes, and related supplies.

Contractual: Contractual costs, expected to total **\$1,866,050** are listed below by functional area:

District Mining Operations	
Aerial Inspection Contract	\$315,000
Mining Programs	
eFacts/ePermitting/eDMR	\$400,000
USGS Contract for Washington Co. Stream Study	\$100,000
UFM Overburden Analysis Contract	\$50,000
Mine Map Grant Program	\$600,000
PASDA Mine Map Web Services Contract	\$25,000
Act 54 Report on Impact of Underground Mining	\$300,000
Professional Consultant Assistance on Mine Subsidence Investigations	\$56,250

Chief Counsel

Discovery Computer Software Annual Contract	\$8,300
Expert and Consultant Contracts	\$4,000

Mine Safety

Scanning, digitizing and plotting equipment	
Maintenance and service	\$7,500

Other: Other costs, expected to total \$1,437,167 are listed below by functional area:

District Mining Operations

Contractual laboratory Services (4,500 hours @ \$174.67/hour)	\$786,015
Training	\$25,000

Mining Programs

Training	\$12,000
MOU with Pennsylvania Game Commission	\$200,000
MOU with Pennsylvania Fish & Boat Commission	\$115,000
MOU with Pa. Historical and Museum Commission	\$275,000
IMCC Dues	\$7,152
(\$37,152 less \$30,000 Pa. Budget Line Item)	

Chief Counsel

Training	\$7,000
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Mine Safety

Training	\$10,000
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Indirect Charges: Indirect charges are calculated by the Commonwealth at 24.81% of Personnel.

Functional Area Costs: Functional area costs are distributed by Object Class and Functional Area on the attached Form OSM-47, according to the following percentages:

Permitting	19.00%
Inspection and Enforcement	37.45%
Lands Unsuitable	0.50%
Administration/Support	43.00%
SOAP	0.05%

New Initiatives/Needs: A Mine Map Grant program (<http://www.pamsi.org/mmg.html>) facilitates the processing of historic mine maps that benefit the active mining, abandoned mining, Mine Subsidence Insurance and mine safety programs. These maps are also vital to the burgeoning Marcellus shale gas industry in Pennsylvania which develops gas wells in many of the same areas that were previously mined. Grants have been made to seven eligible and qualified schools and nonprofits to restore/preserve, scan, georeference and digitize historic mine map projects grantees chose from maps in DEP and private collections. The statewide digital maps are available to all DEP staff and the public in the Pennsylvania Mine Map Atlas on the PASDA Web GIS system at <http://www.minemaps.psu.edu/>. Title V funding will enable the Mine Map Grant program to proceed at an accelerated pace to process the tens of thousands of mine maps that need to be processed to provide full coverage of mined areas in the Pennsylvania Mine Map Atlas. The MMG program began in 2013 with state funding.

A contract is included to continue to conduct approximately 1,500 partial inspections from the air during the fiscal year to supplement on-site complete and partial inspections.

DEP is exploring options for an ePermitting application to refine DEP's permitting process by improving our decision-making, responsiveness and predictability while enhancing our ability to protect public health and Pennsylvania's environmental resources. Governor Corbett signed an executive order in 2012 (EO 2012-12) directing the Department to establish a Permit Review Process and Decision Guarantee, which replaced the Money Back Guarantee created under a 1995 executive order.

The Department has also initiated work on an electronic discharge monitoring report system (eDMR) to enhance our ability to manage NPDES permits.

The University of Pittsburgh is under contract to develop the report required by Pa. law (Act 54 of 1994, amendments to the Bituminous Mine Subsidence & Land Conservation Act, 52 P.S. 1406.17b) to determine the impacts of underground coal mining.

The USGS is on contract to research the effects of mining on streams in Washington County, Pennsylvania.

A contract to provide professional consultant assistance to investigate mine subsidence will be funded half from this grant and half from the Mine Subsidence Insurance Fund to investigate subsidence from active and abandoned mines.

Constraints: It is difficult to predict funding or staffing constraints that may affect Pennsylvania's ability to accomplish program objectives.

Ability to Meet Matching Requirements: At this time we expect to be able to match Federal grant funds.

Matching Funds: State funds will be used to match Federal grant funds.

Results and Benefits Expected: It is expected that the Commonwealth will be able to utilize the grant and matching funds to fully implement the OSM approved program and maintain a compliance rate of at least 95%. Quantitative Program Management Information is detailed on the attached Form OSM-51A.

Approach: The Title V regulatory program and this grant will be implemented by the DEP primarily through the Bureaus of Mining Programs and District Mining Operations. Additional support is provided by the following DEP Offices, Bureaus and Commonwealth agencies: Bureau of Abandoned Mine Reclamation, Bureau of Mine Safety, Office of Oil and Gas Management, Bureau of Laboratories, Office of Chief Counsel, Pennsylvania Historical and Museum Commission, Pennsylvania Fish and Boat Commission, and the Pennsylvania Game Commission.

All administrative activities associated with this grant will be performed in accordance with approved Commonwealth and DEP policies and procedures and applicable federal guidelines, regulations and circulars. These activities include functions associated with personnel management, budgeting and accounting, data management and record keeping, purchasing and contracting, and facilities and vehicle management.

Bureau of District Mining Operation (BDMO)

BDMO implements the Title V Mining Regulatory Program as developed by the Bureau of Mining Programs and provides the appropriate field component necessary to achieve the anticipated results and benefits. Permitting, bonding, inspections and enforcement activities are performed by staff in the Cambria, California, Greensburg, Moshannon, Knox and Pottsville District Mining Offices.

BDMO is also responsible to ensure that reclamation is completed on primacy (Title V) bond forfeiture sites using the forfeited penal bond monies supplemented by other sources of funding such as the Surface Mining Conservation and Reclamation Fund and other special funds. Treatment options on primacy bond forfeiture sites with post-mining polluttional discharges are being evaluated and addressed using the forfeited penal bond monies and funds from the Alternative Bonding System (ABS) pool as appropriate. Site evaluations, preparation of notification and contracting documentation, inspections and contract management are being performed by District Office staff.

BDMO is also responsible for authorization, inspection and enforcement activities related to underground mine subsidence control plans and the effects on intermittent and perennial streams and their associated riparian/wetland areas; residential, commercial and agricultural structures; and various infrastructures.

BDMO continues to move forward to ensure that mining operations with post-mining polluttional discharges have adequate finances in place to allow treatment to continue for as long as necessary. Several new Information Technology (IT) initiatives are being considered at this time as enhancements to the eFacts system, however it is not know which of those initiatives will be scheduled for development in FFY2014.

The ongoing mine mapping project is expected to continue in FFY 2014 utilizing the Mine Map Grant program to process maps. The data acquired will be used to improve the coverage area of digital mine maps in Pennsylvania to facilitate the review of applications for new mining permits and improve safety in working mines in previously mined areas. Matching funds are provided from the Mine Subsidence Insurance program so that these digital maps may also be used to determine the need for insurance.

Bureau of Mining Programs (BMP)

BMP is responsible for overall maintenance of the OSM approved primacy program. BMP provides central support for the mining regulatory program. This includes management and development of policies, regulations, program amendments and technical guidance for all types of Title V activities. These activities include permitting, inspection and enforcement, bonding and bond forfeiture, Applicant Violator System utilization, lands unsuitable for mining, and the Small Operator Assistance Program. BMP's administrative activities support the overall Title V program, such as contract administration, information management, licensing of mine operators and contract operators, and the management and coordination of technology related issues.

Bureau of Abandoned Mine Reclamation (BAMR)

The Department's Bureau of Abandoned Mine Reclamation has been delegated the responsibility to ensure the reclamation of pre-primacy bond forfeiture sites by utilizing available funds consisting of forfeited penal bond moneys supplemented by the Surface Mining Conservation and Reclamation Fund. Aside from the actual "cost to reclaim" which is reflected in site-specific contracts, this office commits resources annually for conducting the bond forfeiture program which include: site evaluations, preparation of bid documents for construction contracts, construction inspections, and contract management. Prior to July 2004 the Bureau of Abandoned Mine Reclamation was responsible for both primacy and pre-primacy bond forfeiture sites. The percentage allotted to BAMR in the grant represents a small amount of work related to primacy bond forfeiture sites.

Office of Oil and Gas Management (OOGM)

DEP's Oil and Gas Management program has regulations which specify, among other things, the notification, objection and conference procedures for dispute resolution between coal mine and oil and

gas well operators, casing, cementing, reporting, plugging and venting standards and requirements for wells in coal and other areas.

The program serves as a repository for information on the location and status of oil and gas wells. This information is available to the mining industry to assist in locating oil and gas wells in areas proposed for mining. This information is required in mining permit applications.

All well drilling permit applications are reviewed to determine if the well will penetrate a workable coal seam or an active or projected coal mine. If so, the coal owner must be notified before the well is drilled. If he disapproves of the proposed location, he may negotiate a different location with the well operator. If an agreement cannot be reached between the coal owner and the well operator, a conference may be requested (Act 223, Section 501). After weighing the testimony, the Program will issue the permit or an order as to the location of the well, (Act 223, Section 202; Act 214, Section 12).

Before qualifying for a mining permit where existing or proposed oil or gas wells penetrate the coal seam(s), the mine operator must obtain a pillar permit from the Program to leave a barrier around each well. For producing wells, the coal owner may negotiate with the well operator to plug and abandon the well to allow mining to proceed through the plugged well. For non-producing wells, the coal owner may apply to the Program to order the well to be plugged (Act 223, Section 214). Deep mine operations are required by the Oil and Gas Act to obtain pillar permits to leave coal around existing wells, in accordance with Subsection F of Chapter 89 regarding subsidence. Surface mine operators are also required to leave a barrier around a well. The Oil and Gas Management Program's technical staff and field inspectors work with coal owners, mine inspectors, and well operators in the permitting of mines, coal pillars and other activities in and around the wells and coal resources.

To assist in the review of deep mine subsidence permit applications, the Oil and Gas Management Program forwards a copy of approved pillar permits to the Mine Subsidence Regulations Section in McMurray. The pillar permit is an integral part of the mine subsidence approval.

Prior to plugging a well through a workable coal seam, the operator must notify the coal owner or well operator (as applicable) and the Program of the proposed plugging (Act 214, Section 13 and Act 223, Section 210). Alternate methods of plugging or venting such wells may be necessary and must be approved by the Program. Proof of proper plugging is required before DEP will authorize a surface or underground mine operator to mine through a well. If no plugging approval is issued, the mine operator must have a pillar permit and leave the required barrier around the well.

Bureau of Laboratories (BOL)

BOL provides the analytical support needed for the program. This includes actual analysis and data input to the Department's Sample Information System, technical consultations and administrative support associated with the mining regulatory program. As part of the OSM Grant supported program, it is anticipated that BOL will analyze over 12,000 samples, which will enable proper assessment of the mining sites being monitored and evaluated.

BOL bills their customers on a cost per hour basis for services provided. BOL has determined that the average cost per hour of analysis, including personnel, operating, equipment and all other relevant costs is currently \$174.67 per hour. It is estimated that BOL will provide 4,500 hours of laboratory services to the Title V program.

Office of Chief Counsel (OCC)

The Office of Chief Counsel (OCC) provides legal services and representation to the Department of

Environmental Protection. OCC has worked actively in all aspects of the Department's mining regulatory program, and the mining program generates a significant portion of OCC's workload. Attorneys and staff work on the preparation, review, and interpretation of rules and regulations; legislative drafting and interpretation; initiation and support of DEP enforcement actions, including settlement negotiations, administrative, civil, and criminal trials and appeals; imposition and collection of civil penalties; preparation of contracts; review and approval of bonds and other financial guarantee instruments; and bond forfeiture. Attorneys work with program staff in the issuance of permits and at each step of the compliance process. OCC attorneys also assist the program with special projects to improve regulations and encourage operator compliance.

The Office provides both counseling and representation services to the mining regulatory program, and close cooperation is required between attorneys and program staff. As a result, continuous and consistent legal support is provided to the Department's regulatory program. Overall, the efforts of the attorneys and staff have resulted in a more effective and defensible program.

Bureau of Mine Safety (BMS)

The Bureau of Mine Safety (BMS) has partnered with other MRM agencies to perform subsurface mine subsidence inspections and investigations throughout the bituminous mine region. During the course of their underground safety activities, BMS inspectors will perform observations, plan reviews and site verifications regarding the appropriate mine subsidence regulations. Each district mine inspector will be responsible for the subsidence investigations within the assigned district. Work codes have been established and are being used to provide accounting controls.

BMS will continue to partner with OSM and MRM personnel in digitizing old mine maps. This is part of the Department's mine map preservation and digitization effort. BMS completes an underground mine safety evaluation and analysis for all underground mine permits for all requests from the District Mining Offices. These reviews include input from field staff, such as BMS mine inspectors and their supervisors, as well as mine engineers and mine safety management personnel.

BMS continues to use the GIS ESRI software to perform advanced spatial analysis that enables various levels of an organization to visually represent relevant data. BMS uses this software to show the relationship of historic underground mining operations in relation to current mining operations. ESRI products are used during the safety evaluation to ensure that appropriate safety barriers are provided between mining operations.

BMS provides professional development opportunities for engineering, inspection, and management personnel. These include attendance at OSM-sponsored and other mining organizations' workshops and seminars such as TIPS courses Intrastate Mining Compact Commission; Society of Mining, Metallurgy and Exploration; National Institute of Occupational Safety and Health; and MSHA-sponsored Ground Control Seminars.

Pennsylvania Historical and Museum Commission (PHMC)

PHMC is responsible for managing historic and archeological resources in Pennsylvania and improving the management of cultural resources, which may be affected by mining activities.

PHMC provides assistance to permit applicants in assessing the potential of their project to affect significant cultural resources. This allows archaeological and historical sites to be preserved and protected and provides for significant data to be recovered from sites prior to mining activities. Funding for GIS data entry and web based distribution of information is part of a multi-million dollar project in partnership with PHMC, the Department of Transportation, and the Department of Environmental

Protection. The GIS Historic Preservation Specialist supervises data entry and retrieval, applications and data coordination and determines locations for unmapped cultural resources for the collection, management and dissemination of the bureau mission-critical cultural resource data sets. Continued funding under the OSM grant will be applied to the on-line GIS program to assist in permitting for mining projects. Accurate and up-to-date on-line access to historic structures and archaeological site information will assist applicants seeking mining permits through a qualified cultural resource consultant and reduce travel and research time. This funding will also assist in a much larger project to make on-line project review a reality for this program area.

PHMC's Historic Preservation Supervisors and Historic Preservation Specialists will review all mining permit and pre-permit applications submitted to this agency for their effect on archaeological and historic resources under the authority of Section 106 of the National Historic Preservation Act. Field visits will be conducted when appropriate to evaluate the effect of mining on archaeological and historic properties. The remoteness of many of these permit areas necessitates the use of a 4-wheel drive vehicle. The project will also include meetings with miners, government agencies and various other interested groups. Public education to the mining communities will be emphasized.

The Historic Preservation Supervisors and Historic Preservation Specialists will continue to update PASS files, historic survey files, and compliance survey files for the coal region of Pennsylvania using the GIS system. The continued use of the GPS unit enables the field archaeologist to accurately locate resources (archaeological sites and historic buildings) that are investigated during the field visits and the digital camera records project area and resource information and relays the documentation to the reviewers at BHP.

PHMC will coordinate efforts with various other agencies including DEP and OSM to make cultural resource data available through the Internet to facilitate online project review. This will greatly expedite review, cut down on excessive paperwork, and create a better, more comprehensive tracking system. Two years ago, a committee worked regularly until a business plan was mapped out for how this process would work. Presently, resources are needed to provide the next step to make this operational. To this end, PHMC has continued (and will continue) to actively seek additional partners to bring this initiative to fruition.

Pennsylvania Fish and Boat Commission (PFBC)

It is the policy of DEP and PFBC to require that care and effort be made during any mining operation to maintain, enhance where practicable, or restore streams, wetlands, lakes, and riparian vegetation as functioning parts of the ecosystem upon which aquatic resources depend. DEP will seek advice and counsel of the PFBC relating to the protection of aquatic resources regulations including specific requirements and procedures for applicants of coal mining permits to delineate wetlands and to describe measures to be taken to avoid unnecessary adverse impacts on wetlands and other aquatic resources.

The PFBC will provide permitting, monitoring and enforcement efforts. It is estimated that the PFBC will conduct 50 pre-application reviews, 100 new mining permit application reviews and 90 application revision reviews.

Pennsylvania Game Commission (PGC)

PGC is not funded by general tax revenues and requests reimbursement of all money spent doing reviews for the mining program. PGC is responsible for managing all wild birds and mammals and their habitats for present and future generations. PGC will conduct a review on every proposed mining permit application, (new, renewal, transfer, pre-application, and revision) submitted to the Commission for conformance to PA

34 Game and Wildlife Code and portions of Title PA 25, Chapters 86, 87, 88, 89, 90, 93, and 105 as they relate to protection of wildlife and their habitat. These reviews are required by The National Environmental Policy Act, The Fish and Wildlife Coordination Act and The Federal Water Pollution Control Act. Reviews are conducted to ensure the protection of wildlife and wildlife habitats including threatened and endangered species and unique and critical habitats. This provides for better protection of wildlife from impacts of mining operations and improved wildlife habitats through reclamation planning.

OSM-51(12/80)

Paperwork Reduction Act Statement

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Public reporting burden for this form is estimated to average 5 hours per response, including time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to the Information Collection Clearance Officer, Office of Surface Mining Reclamation and Enforcement, Room 210 SIB, 1951 Constitution Ave., NW, Washington, D.C. 20240; and the Interior Desk Officer, OMB control number 1029-0059, Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

U.S. DEPARTMENT OF THE INTERIOR
Office of Surface Mining
QUANTITATIVE PROGRAM MANAGEMENT INFORMATION
TO SUPPORT

THE INTERIM REGULATORY AND ADMINISTRATION AND ENFORCEMENT GRANT FOR STATE REGULATORY ASSISTANCE

1. Name of Grantee Pennsylvania Department of Environmental Protection

2. Grant Number _____

3. Period Covered by This Report
 From October 1, 2013 to September 30, 2014

4. DESCRIPTION OF ACTIVITY (Enter numbers for Budgeted Activity in Column (A) and Actual Activity in Columns (B) & (C))	5. PROGRAM NARRATIVE STATEMENT (Budgeted Activity) (A)	6. PERFORMANCE REPORT (ACTUAL ACTIVITY)		7. PERCENTAGE % (A) + (C) = (D) (D)
		semi-annual (B)	yr. to date (C)	
A. Permitting Activity:				
1. Applications received <i>New Only - All Coal Permit Types</i>	60			
2. Permits issued <i>New Only - All Coal Permit Types</i>	65			
3. Amendments received <i>Increments Received</i>	160			
4. Permit Amendments Issued <i>Increments Issued</i>	150			
5. Regulated facilities:				
(a) Active mines (current mining activity) <i>Surface, Reprocessing & Deep (OSM Active)</i>	924			
(b) Mines under reclamation only <i>Surface, Reprocessing & Deep (OSM Inactive)</i>	539			
(c) Tipples.....	-			
(d) Processing facilities.....	-			
(e) Other.....	104			
6. Acreage disturbed (if available)..... <i>New Bonded Acreage</i>	3,000			
7. Acreage reclaimed (if available) <i>Stage II Bond Release</i>	3,500			
B. Inspection Actions:				
1. Complete Inspections:	5,000			
2. Partial Inspections:	8,000			
C. Complaints:				
1. Received.....	250			
2. Resolved.....	248			

QUANTITATIVE PROGRAM MANAGEMENT INFORMATION
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		semi-annual (B)	yr. to date (C)	
D. Enforcement Actions:				
1. Notice of Violations issued <i>NOV's & CO's</i>	500			
2. Cessation orders issued.....	55			
3. Enforcement actions undergoing:				
(a) Administration Adjudication <i>Civil Penalty Conferences Held</i>	2			
(b) Court Adjudication:				
(1) Civil cases.....	5			
(2) Criminal cases.....	0			
4. Number of injunctions <i>Not Available</i>	-			
5. Number of bonds forfeited.....	4			
6. Number of bonded areas released <i>Stage III Completion</i>	4,500			
E. Lands Unsuitable Activity:				
1. Petitions received:				
(a) Number of petitions.....	1			
(b) Acreage involved	3,000			
2. Number of Acres designated unsuitable for Surface Mining	2,800			
F. Administrative Activity:				
1. Authorized State positions	200.10 WYE's			
2. State position vacancies	-			
Blaster Training, Examination and Certification (Individuals) – 10 Classes	365			

**FFY 2014 OSM Grant Application
Personnel
Federal Budget Category--01 and 02**

Program	Work Year Effort (WYE)	Pay 10/01 to 12/31	Pay Increase .5% (1/1/14)	Pay 1/1/14 to 3/31/14	Pay Increase 2.25% (4/1/14)	Pay 4/01 to 6/30	Pay Increase 2% (7/1/14)	Pay 7/1/14 to 9/30/14	Total Salaries	Annual, Sick, Holiday Distribution Based on 15% of Salary	Total Salaries Including ACDS	Benefits on Salary 56.29%	Annual, Sick, Holiday Distribution Based on 15% of Benefits	Total Benefits	Totals
District Mining Operations	166.00	\$1,816,153	\$9,081	\$1,825,234	\$41,068	\$1,866,302	\$37,326	\$1,903,628	\$7,498,792	\$1,124,819	\$8,623,611	\$4,221,070	\$633,161	\$4,854,231	\$13,477,842
Mining Programs	21.50	\$259,533	\$1,298	\$260,831	\$5,869	\$266,700	\$5,334	\$272,034	\$1,071,599	\$160,740	\$1,232,339	\$603,203	\$90,480	\$693,683	\$1,926,022
Office of Chief Counsel	7.00	\$119,982	\$600	\$120,582	\$2,713	\$123,295	\$2,466	\$125,761	\$495,399	\$74,310	\$569,709	\$278,860	\$41,829	\$320,689	\$890,398
Abandoned Mine Reclamation	0.10	\$1,153	\$6	\$1,159	\$26	\$1,185	\$24	\$1,209	\$4,762	\$714	\$5,476	\$2,681	\$402	\$3,083	\$8,559
Oil and Gas	2.00	\$20,864	\$104	\$20,968	\$472	\$21,440	\$429	\$21,869	\$86,146	\$12,922	\$99,068	\$48,492	\$7,274	\$55,766	\$154,834
Mine Safety	3.50	\$41,933	\$210	\$42,143	\$948	\$43,091	\$862	\$43,953	\$173,140	\$25,971	\$199,111	\$97,461	\$14,619	\$112,080	\$311,191
TOTALS	200.10	\$2,259,618	\$11,299	\$2,270,917	\$51,096	\$2,322,013	\$46,441	\$2,368,454	\$9,329,838	\$1,399,476	\$10,729,314	\$5,251,767	\$787,765	\$6,039,532	\$16,768,846

**FFY 2014 OSM Grant Application
Travel
Federal Budget Category--03**

Program	Total
District Mining Operations	\$ 75,000
Mining Programs	\$ 15,200
Office of Chief Counsel	\$ 8,000
Abandoned Mine Reclamation	\$ -
Oil & Gas	\$ -
Mine Safety	\$ 5,000
Total Travel Cost	\$ 103,200

Description of Projected Travel	Amount
Estimated breakdown as follows:	
Program Support-Travel	
a. 377 trips x average of 300 mi per trip x \$.565 per mi	\$ 63,902
b. Per Diem-Lodging (average \$77/night & subsistence \$46/day (approx 125 days)	\$ 15,375
Out-Service Training-Travel	
a. 67 Trips x average of 400 mi per trip x \$.565 per mi	\$ 15,142
b. AirFare at \$1659 x 3 trips	\$ 4,977
c. Per Diem-Lodging (average \$77/night & subsistence \$46/day (approx 30 days)	\$ 3,690
Parking	\$ 114
Total Travel	\$ 103,200

**FFY 2014 OSM Grant Application
Equipment
Federal Budget Category--04**

Program		Items Over \$5,000
District Mining Operations	\$	425,000
Mining Programs	\$	-
Office of Chief Counsel	\$	-
Abandoned Mine Reclamation	\$	-
Oil & Gas	\$	-
Mine Safety	\$	<u>24,000</u>
Total Equipment Cost See attached equipment list.	\$	449,000

Equipment List

<u>Item Description</u>	<u>Location</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total Cost</u>
<u>Bureau of District Mining Operations</u>				
1. 4-Wheel Drive Vehicles	Knox	2	\$24,000.00	\$48,000.00
Four-wheel drive vehicles are needed to replace vehicles that have reached the end of their service life.	Greensburg	5	\$24,000.00	\$120,000.00
	Cambria	2	\$24,000.00	\$48,000.00
	Moshannon	3	\$24,000.00	\$72,000.00
	Pottsville	5	\$24,000.00	\$120,000.00
2. Portable Seismograph	Knox	1	\$7,000.00	\$7,000.00
For investigation of blasting complaints.				
3. Lizardtech software for mine mapping.	California	1	\$10,000.00	\$10,000.00
			<u>DMO TOTAL</u>	\$425,000.00
<u>Bureau of Mine Safety</u>				
3. 4-Wheel Drive Vehicle	Uniontown	1	\$24,000.00	\$24,000.00
Replacement for vehicle that has reached the end of its service life				
			<u>BMP TOTAL</u>	\$24,000.00
			EQUIPMENT TOTAL	\$449,000.00

**FFY 2014 OSM Grant Application
Supplies
Federal Budget Category--05**

Program		
District Mining Operation	\$	165,775
Mining Programs	\$	24,225
Office of Chief Counsel	\$	6,000
Abandoned Mine Reclamation	\$	-
Oil & Gas	\$	-
Mine Safety	\$	<u>5,000</u>
Total Supplies Cost	\$	201,000

**FFY 2014 OSM Grant Application
Contracts
Federal Budget Category--06**

Program	Total
District Mining Operations	
Aerial Inspection Contract	\$ 315,000
Subtotal District Mining Operations	\$ 315,000
 Mining Programs	
eFacts/eDMR/ePermitting	\$ 400,000
USGS Contract for Washington County Stream Study	\$ 100,000
UFM Overburden Analysis Contract	\$ 50,000
Mine Map Grant Program	\$ 600,000
PASDA Mine Map Web Services Contract - Pa. Mine Map Atlas	\$ 25,000
Act 54 Report on Impact of Underground Mining	\$ 300,000
Professional Consultant Assistance on Mine Subsidence Investigations	\$ 56,250
Subtotal Mining Programs	\$ 1,531,250
 Office of Chief Counsel	
Electronic Discovery Management Software Maintenance	\$ 8,300
Expert and Consultant Contracts	\$ 4,000
Subtotal Chief Counsel	\$ 12,300
 Mine Safety	
Scanning, digitizing and plotting equipment maintenance and service	\$ 7,500
Subtotal Mine Safety	\$ 7,500
 Total Contracts Cost	 \$ 1,866,050

Contracts Justification

District Mining Operations

- 1 **Aerial Inspection Contract.** This contract will enable DMO staff to conduct approximately 1,500 partial inspections from the air to supplement on-site complete and partial inspections.

Mining Programs

- 2 **eFacts/eDMR/ePermitting Development.** Projects to maintain and enhance eFacts applications for the Title V Program.
- 3 **USGS Contract for Washington County Stream Study.** Study to research the effects of mining on streams.
- 4 **UFM Overburden Analysis Contract.** Analysis contract for overburden samples from UFM petition sites. These analyses are not within the capabilities of the DEP laboratory.
- 5 **Mine Map Grant Program.** Grant program for mine map scanning, georeferencing and digitizing to be made to eligible schools and non-profit organizations. Funding includes state special funds, Title V and Title IV.
- 6 **PASDA Mine Map Web Services Contract - Pa. Mine Map Atlas.** Pa. Spatial Data Access (PASDA) Web development providing storage and access to underground mine maps over the Internet. PASDA, developed by Pa. State University, under contract with the Comm. of Pa., provides a public GIS system for DEP to circumvent DEP's bandwidth and storage limitations.
- 7 **Act 54 Report on Impact of Underground Mining.** Contract with the University of Pittsburgh for report required by Pa. law to determine the impacts of underground coal mining.
- 8 **Professional Consultant Assistance on Mine Subsidence Investigations.** Contract to provide professional assistance to investigate mine subsidence occurrences. Half of contract funded from Mine Subsidence Insurance Fund and half from Title V Program.

Office of Chief Counsel

- 9 **Expert and Consultant Contracts.** Office of Chief Counsel staff may require contract experts or consultants to assist in certain cases relating to the Title V program.
- 10 **Electronic Discovery Management Software Support.** This is to support half the cost of the annual software maintenance contract for the OCC's electronic discovery management platform for 2013. This litigation tool is used to manage documents produced in discovery requests in larger cases. It is available for use by OCC attorneys handling litigation matters, including those involving the surface coal program.

Mine Safety

- 11 **Equipment Maintenance Contracts for Mine Safety.** Annual service and maintenance contracts for scanning, digitizing and plotting equipment.

FFY 2014 OSM Grant Application
Other
Federal Budget Category--08

Program		Total
District Mining Operations	Contractual Laboratory Services (4,500 hrs x \$174.67/hr)	\$ 786,015
	Training	\$ 25,000
	Subtotal	<u>\$ 811,015</u>
Mining Programs	Training	\$ 12,000
	MOU with PA Game Commission	\$ 200,000
	MOU with PA Fish & Boat Commission	\$ 115,000
	MOU with PA Historical & Museum Commission	\$ 275,000
	IMCC Dues (Total \$37,152 - \$30,000 PA Budget Line Item)	\$ 7,152.00
	Subtotal	<u>\$ 609,152.00</u>
Office of Chief Counsel	Training	\$ 7,000
Mine Safety	Training	<u>\$ 10,000</u>
Total Other Cost		\$ 1,437,167

FFY 2013 Proposed Training Courses, Conferences & Seminars

OSM Courses - No Charge

Acid-Forming Materials: Fundamentals and Applications
AML Design Workshop: Dangerous Highwalls
AML Design Workshop: Landslides
AML Design Workshop: Subsidence
Applied Engineering Principles
Basic Inspection Workbook
Blasting and Inspection
Bonding Workshop: Administrative and Legal Aspects
Bonding Workshop: Cost Estimation
Coalfield Communications: How to Get it Right!
Effective Writing
Enforcement Procedures
Enforcement Tools and Applications
Erosion and Sediment Control
Evidence Preparation and Testimony
Excess Spoil Handling and Disposal in Steep-Slope Topography
Forensic Hydrologic Investigation
Geology and Geochemistry of Acid-Forming Materials
Historical and Archeological Resources
Passive Treatment: Theory and Application Workshop
Permit Findings Workshop
Permitting Hydrology
Principles of Inspection
Quantitative Hydrogeology
Soil and Revegetation
Subsidence
Surface and Groundwater Hydrology
Underground Mining Technology
Wetlands Awareness
ARCGIS Spatial Analyst: For Mining and Reclamation
CAD 101: AutoCAD for Permitting and Reclamation
CAD 200: AutoCAD Map 3D for Permitting and Reclamation
CAD 400: Bridging the CAD and GIS Gap in the SMCRA Workflow
Galena Slope Stability Analysis
HEC-RAS
Image Processing and Analysis for SMCRA Title IV and V Applications
Introduction to GIS for Mining and Reclamation
Introduction to earthVision 2D and 3D Modeling
Introduction to GPS with Garmin eTrex Vista HCx
Remote Sensing for Inspectors
SEDCAD Applications and Extensions for Mine Permitting and Reclamation

Other Courses

2014 Mining Blasting Safety & Application Seminar (Free)

This is an annual tuition-free seminar for mining company managers, blasting engineers, blasters, and others involved with the planning, design, and use of explosives in the mining industry. The seminar topics include safety in storage, transportation, and use of explosives, blasting design technology, safe blasting practices, drilling design, the use of seismology in blasting applications, electronic initiation systems, flyrock, construction blasting, and vibration control. Training on these topics is critical to blast plan review, blasting incident investigations, and complaint investigations.

2014 National Association of State Land Reclamationists (NASLR) Conference (Moshannon 1 @ \$150)

District Mining Manager Michael Smith is a member of the NASLR executive committee and will request approval to attend the 2012 conference. Attendance at the conference is important so Pennsylvania is represented at NASLR and so the Bureau of District Mining Operations is kept up to date on current industry issues and technologies related to mine reclamation.

2014 Pennsylvania Groundwater Association Winter Conference (Moshannon 2 @ \$160 = \$320)

Staff Hydrogeologists/Geologists are assigned to water supply complaints and pollution investigations. Talks and presentations at the conference are relevant to their specific job duties. Specific topics may include a proposed statewide model for water well standards, environmental impacts from Marcellus drilling and hydrofracturing, water quality testing near Marcellus gas wells, proper sealing of water wells, drill rig safety, and new methods to reduce turbidity from drinking waters.

2014 Pennsylvania Groundwater Association Summer Conference (3 @ \$50 = \$150)

Technical services staff will attend the summer field conference to interact with industry peers, consultants, and operators.

2014 Pennsylvania GIS Conference (2-day; 7 staff @ \$250 = \$1,750)

Annual gathering of geospatial information system users from federal, state and local government, academia and private industry.

Specialized Training and Education for OCC Legal Staff

These courses are necessary to maintain and improve legal skills and knowledge needed to properly represent and counsel the state Title V program. The programs improve the skills of new and experienced attorneys and provide them with updates on recent developments of law. Office of Chief Counsel attorneys also assist OSM and DEP mining staff in conducting training programs on state and federal regulatory matters.

PA Environmental Law Forum
Conference of Government Mining Attorneys
ALI-ABA
Eastern Mineral Law Foundation
National Association of Attorney General
National Institute for Trial Advocacy
Academy of Trial Lawyers - Examining Witnesses and Closing Argument

Pennsylvania Historical and Museum Commission Training

Society for Historical Archaeology (1 @ ~\$250)

This conference presents significant opportunities for learning how to best protect archaeological and historic resources and manage Pennsylvania's cultural heritage.

**FFY 2014 OSM Grant Application
Indirect Costs
Federal Budget Category--07**

Calculation on Indirect Costs:*		\$ 4,160,351
Personnel	\$ 10,729,314	
Benefits	\$ 6,039,532	
	\$ 16,768,846	
Approved Indirect Rate	24.81%	
	\$ 4,160,351	
Travel	\$ 103,200	
Equipment	\$ 449,000	
Supplies	\$ 201,000	
Contractual Services	\$ 1,866,050	
Other	\$ 1,437,167	
	\$ 24,985,614	
Grand Total	\$ 24,985,614	

*The indirect rate is calculated on personnel and benefits only.

ASSURANCES - NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application. 2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives. 3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain. 4. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain. 5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. 4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F). 6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. 1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), which prohibits discrimination on the | <ol style="list-style-type: none"> basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. 6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VII of the Civil Rights Act of 1968 (42 U.S.C. 3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and (j) the requirements of any other nondiscrimination statute(s) which may apply to the application. 7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases. 8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. 1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds. |
|--|---|

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. 276a to 276a-7), the Copeland Act (40 U.S.C. 276c and 18 U.S.C. 874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-333), regarding labor standards for federally-assisted construction subagreement.

10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.

11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in flood plains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. 1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. 7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).

12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. 1271 et seq.) Related to protecting components or potential components of the national wild and scenic rivers system.

13. Will assist the awarding agency in assuring compliance will Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. 470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. 469a-1 et seq.).

14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.

15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. 2131 et seq.) Pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.

16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. 4801 et seq.) Which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.

17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."

18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL

Jeffrey M Logan

TITLE

Executive Deputy Secretary for Administration and Management

APPLICANT ORGANIZATION

Pennsylvania Department of Environmental Protection

DATE SUBMITTED

8/21/13

U.S. Department of the Interior

**Certifications Regarding Debarment, Suspension and
Other Responsibility Matters, Drug-Free Workplace
Requirements and Lobbying**

Persons signing this form should refer to the regulations referenced below for complete instructions:

Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transactions - The prospective primary participant further agrees by submitting this proposal that it will include the clause titled, "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transaction," provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions. See below for language to be used or use this form certification and sign. (See Appendix A of Subpart D of 43 CFR Part 12.)

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions - (See Appendix B of Subpart D of 43 CFR Part 12.)

Certification Regarding Drug-Free Workplace Requirements - Alternate I. (Grantees Other Than Individuals) and Alternate II. (Grantees Who are Individuals) - (See Appendix C of Subpart D of 43 CFR Part 12)

Signature on this form provides for compliance with certification requirements under 43 CFR Parts 12 and 18. The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of the Interior determines to award the covered transaction, grant, cooperative agreement or loan.

**PART A: Certification Regarding Debarment, Suspension, and Other Responsibility Matters -
Primary Covered Transactions**

CHECK IF THIS CERTIFICATION IS FOR A PRIMARY COVERED TRANSACTION AND IS APPLICABLE.

- (1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
 - (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded by any Federal department or agency;
 - (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- (2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

**PART B: Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion -
Lower Tier Covered Transactions**

CHECK IF THIS CERTIFICATION IS FOR A LOWER TIER COVERED TRANSACTION AND IS APPLICABLE.

- (1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

PART C: Certification Regarding Drug-Free Workplace Requirements

CHECK IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS NOT AN INDIVIDUAL.

Alternate I. (Grantees Other Than Individuals)

A. The grantee certifies that it will or continue to provide a drug-free workplace by:

- (a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;
- (b) Establishing an ongoing drug-free awareness program to inform employees about--
 - (1) The dangers of drug abuse in the workplace;
 - (2) The grantee's policy of maintaining a drug-free workplace;
 - (3) Any available drug counseling, rehabilitation, and employee assistance programs; and
 - (4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
- (c) Making it a requirement that each employee to be engaged in the performance of the grant be given a copy of the statement required by paragraph (a);
- (d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will --
 - (1) Abide by the terms of the statement; and
 - (2) Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction;
- (e) Notifying the agency in writing, within ten calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to every grant officer on whose grant activity the convicted employee was working, unless the Federal agency has designated a central point for the receipt of such notices. Notice shall include the identification number(s) of each affected grant;
- (f) Taking one of the following actions, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so convicted --
 - (1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or
 - (2) Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;
- (g) Making a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs (a) (b), (c), (d), (e) and (f).

B. The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant:

Place of Performance (Street address, city, county, state, zip code)

Department of Environmental Protection
PO Box 2063, 400 Market Street
Harrisburg, PA 17105-2063

Check if there are workplaces on files that are not identified here.

PART D: Certification Regarding Drug-Free Workplace Requirements

CHECK IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS AN INDIVIDUAL.

Alternate II. (Grantees Who Are Individuals)

- (a) The grantee certifies that, as a condition of the grant, he or she will not engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance in conducting any activity with the grant;
- (b) If convicted of a criminal drug offense resulting from a violation occurring during the conduct of any grant activity, he or she will report the conviction, in writing, within 10 calendar days of the conviction, to the grant officer or other designee, unless the Federal agency designates a central point for the receipt of such notices. When notice is made to such a central point, it shall include the identification number(s) of each affected grant.

**PART E: Certification Regarding Lobbying
Certification for Contracts, Grants, Loans, and Cooperative Agreements**

CHECK IF CERTIFICATION IS FOR THE AWARD OF ANY OF THE FOLLOWING AND THE AMOUNT EXCEEDS \$100,000: A FEDERAL GRANT OR COOPERATIVE AGREEMENT; SUBCONTRACT, OR SUBGRANT UNDER THE GRANT OR COOPERATIVE AGREEMENT.


CHECK IF CERTIFICATION FOR THE AWARD OF A FEDERAL LOAN EXCEEDING THE AMOUNT OF \$150,000, OR A SUBGRANT OR SUBCONTRACT EXCEEDING \$100,000, UNDER THE LOAN.

The undersigned certifies, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, and officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

As the authorized certifying official, I hereby certify that the above specified certifications are true.


SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL

Jeffrey M. Logan, Executive Deputy Secretary
TYPED NAME AND TITLE

8/21/17
DATE