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Description of document: Office of Surface Mining Reclamation and Enforcement (OSMRE) records relating to termination of the study on the health effects of coal dust by the National Academy of Sciences, 2014-2018

Requested date: 23-August-2017

Release date: 13-July-2018

Posted date: 07-January-2019

Source of document: OSMRE
Bureau FOIA Officer
Main Interior Building
1849 C Street NW
MS 1200W-MIB
Washington, DC 20240
Fax: 202-501-0549
Email: foia@osmre.gov

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From: FOIA, OSM <osm-foia@osmre.gov>
Cc: Oladele Awoniyi <oawoniyi@osmre.gov>
Sent: Fri, Jul 13, 2018 6:26 pm
Subject: Re: Response to OSMRE-2017-00146 (Email 1 of 3)

We are writing to provide you with our response to your request. Please find enclosed 14 files consisting of 997 pages of previously released records.

Portions of these materials are being withheld under the following FOIA Exemptions:

Pursuant to Exemption 4 of the FOIA (5 U.S.C. § 552(b)(4)), some commercial and financial information of a proprietary nature has been redacted:

Copyrighted Materials

Exemption 4 protects “trade secrets and commercial or financial information, obtained from a person, which is privileged or confidential.” This exemption is intended to protect both the interests of commercial entities that submit proprietary information to the Government and the interests of the Government in receiving continued access to it. It also applies to copyrighted materials. See, e.g., *Hooker v. United States HHS*, 887 F. Supp. 2d 40, 61 n.18 (D.D.C. 2012).

The withheld information is commercial information. It was provided to the Government as proprietary and would not customarily be provided to the public without cost. The company that supplied this information (the “submitter”) is considered a person because the term “person,” under the FOIA, includes a wide range of entities including corporations. Information is considered “confidential” if disclosure of it “is likely to cause substantial harm to the competitive position of the person from whom the information was obtained,” or harm the Government’s ability to obtain it. *National Parks & Conservation Assn v. Morton*, 498 F.2d 765, 770 (D.C. Cir. 1974). Public release of the withheld information could cause harm to the submitter’s competitive position in the marketplace. It would give an unfair advantage to other offerors competing against it in future competitive procurements for these and similar products and services. Additionally, it would be harmful to the Government’s ability to obtain such information.

Because the information withheld pertains to proposals submitted is copyrighted material, we have concluded that the withheld information is “confidential commercial or financial information obtained from a person” and may be properly withheld, pursuant to Exemption 4 of the FOIA.

Portions of the enclosed documents have been redacted pursuant to Exemption 5 of the FOIA (5 U.S.C. § 552(b)(5)) under the following privileges:

Deliberative Process
Attorney Client Privilege

Exemption 5 allows an agency to withhold “inter-agency or intra-agency memorandums or letters which would not be available by law to a party... in litigation with the agency.” (5 U.S.C. § 552 (b)(5)). As such, Exemption 5 “exempt[s] those documents... normally privileged in the civil discovery context.” *National Labor Relations Bd. v. Sears Roebuck & Co.*, 421 U.S. 132 (1975). The exemption incorporates the privileges that protect materials from discovery in litigation. These privileges include the deliberative process, confidential commercial information, attorney work-product, and attorney-client privilege. *Id.* at 149; see also *Federal Open Market Committee v. Merrill*, 443 U.S. 340, 363 (1979) (finding a confidential commercial information privilege under Exemption 5).

Deliberative Process Privilege

The deliberative process privilege “protect[s] the decision making process of government agencies” and “encourage[s] the frank discussion of legal and policy issues” by ensuring that agencies are “not forced to operate in a fish bowl.” *Mapother v. United States Dep’t of Justice*, 3 F.3d 1533, 1537 (D.C. Cir. 1993) (citing *Wolfe v. United States Dep’t of Health & Human Services*, 839 F.2d 768, 773 (D.C. Cir. 1988) (en banc)). Three policy purposes have been advanced by the courts as the bases for this privilege: (1) to encourage open, frank discussions on matters of policy between subordinates and superiors; (2) to protect against premature disclosure of proposed policies before they are finally adopted; and (3) to protect against public confusion that might result from disclosure of reasons and rationales that were not in fact ultimately the grounds for an agency’s action. See e.g., *Russell v. United States Dep’t of the Air Force*, 682 F.2d 1045, 1048 (D.C. Cir. 1982); *Coastal States Gas Corp. v. United States Dep’t of Energy*, 617 F.2d 854, 866 (D.C. Cir. 1980).

The deliberative process privilege protects materials that are both predecisional and deliberative. *Mapother*, 3 F.3d at 1537; *Access Reports v. United States Dep’t of Justice*, 926 F.2d 1192, 1195 (D.C. Cir. 1991); *Vaughn v. Rosen*, 523 F.2d 1136, 1143-44 (D.C. Cir. 1975). A “predecisional” document is one “prepared in order to assist an agency decisionmaker in arriving at his decision,” and may include “recommendations, draft documents, proposals, suggestions, and other subjective documents which reflect the personal opinions of the writer rather than the policy of the agency.” *Maricopa Audubon Society v. United States Forest Service*, 108 F.3d 1089, 1093 (9th Cir. 1997). A predecisional document is part of the “deliberative process” if “the disclosure of the materials could expose an agency’s decision-making process in such a way as to discourage candid discussion within the agency and thereby undermine the agency’s ability to perform its functions.” *Id.*

Those portions of the documents that have been withheld pursuant to the deliberative process privilege of Exemption 5 reflect predecisional and deliberative discussions, including drafts, opinions, and recommendations, among employees of the Department of the Interior related to the review of grants and cooperative agreements in excess of \$100,000. Factual information that is not inextricably intertwined with deliberative information has been released. Public dissemination of the information withheld would

have a chilling effect on the agency's deliberative processes and expose the agency's decision-making process in such a way as to discourage candid discussion within the agency and could lead to public confusion, either or both of which could undermine its ability to perform its mandated functions.

Attorney-Client Privilege

The attorney-client privilege protects "confidential communications between an attorney and his/her client relating to a legal matter for which the client has sought professional advice." *Mead Data Cent., Inc. v. United States Dep't of the Air Force*, 566 F.2d 242, 252 (D.C. Cir. 1977). The attorney-client privilege is not limited to the context of litigation. See *id.* at 252-53. Moreover, although it fundamentally applies to confidential facts divulged by a client to his/her attorney, this privilege also encompasses any opinions given by an attorney to his/her client based upon, and thus reflecting, those facts, as well as communications between attorneys that reflect confidential client-supplied information. See *id.*, *McErlean v. United States Dep't of Justice*, No. 97-7831, 1999 WL 791680, at *7 (S.D.N.Y. Sept. 30, 1999).

The portions of these documents that have been withheld pursuant to the attorney-client privilege of Exemption 5 constitute confidential communications between agency attorneys and agency clients, or Federal attorneys and agency clients, for legal matters concerning the review of grants and cooperative agreements in excess of \$100,000 for which the clients sought professional legal advice. These portions of the documents have been held confidential by the agency. Public dissemination of them would most certainly have a chilling effect on communications between agency clients and attorneys.

Portions of the enclosed documents have been redacted pursuant to Exemption 6 of the FOIA (5 U.S.C. § 552(b)(6)) because they fit certain categories of information:

Personal Medical Information
Personal Email Address

Exemption 6 allows an agency to withhold "personnel and medical files and similar files the disclosure of which would constitute a clearly unwarranted invasion of personal privacy." The courts have held that the phrase "similar files" involves all information that applies to a particular person. *Hertzberg v. Veneman*, 273 F. Supp. 2d 67, 85 n.11 (D.D.C. 2003); *Sherman v. United States Dep't of the Army*, 244 F.3d 357, 361 (5th Cir. 2001).

When disclosure of information about a particular individual is requested, the agency must determine whether release of the information would constitute a clearly "unwarranted" invasion of the individual's privacy. *NARA v. Favish*, 541 U.S. 157, 171 (2004).

To make this determination, we are required to perform a “balancing test.” This means that we must weigh the individual’s right to privacy against the public’s right to disclosure.

- (1) First, we must determine whether the individual has a discernable privacy interest in the information that has been requested.
- (2) Next, we must determine whether release of this information would serve “the public interest generally” (i.e., would “shed light on the performance of the agency’s statutory duties”).
- (3) Finally, we must determine whether the public interest in disclosure is greater than the privacy interest of the individual in withholding.

The information that we are withholding consists of personal information about employees’ Personnel file and personal email addresses.

The Office of Surface Mining Reclamation and Enforcement (OSMRE) has determined that the individuals to whom this information pertains have a substantial privacy interest in it. Additionally, we have determined that the disclosure of this information would shed little or no light on the performance of the agency’s statutory duties and that, on balance, the public interest to be served by its disclosure does not outweigh the privacy interest of the individuals in question, in withholding it. Nat’l Assn of Retired Fed. Employees v. Horner, 879 F.2d 873, 879 (D.C. Cir. 1989). In short, we have determined that release of the information that we have withheld would constitute a clearly unwarranted invasion of the privacy of these individuals, and that it therefore may be withheld, pursuant to Exemption 6.

Emily Morris, Attorney Advisor with the Office of the Solicitor, was consulted in reaching this decision. Dele Awoniyi, Office of Surface Mining Reclamation and Enforcement FOIA Officer, is responsible for making this decision.

DOI FOIA/Privacy Act Appeals Office Contact Information:

Department of the Interior
Office of the Solicitor
1849 C Street, N.W.
MS-6556 MIB
Washington, DC 20240
Attn: FOIA/Privacy Act Appeals Office
Telephone: (202) 208-5339
Fax: (202) 208-6677
Email: FOIA.Appeals@sol.doi.gov

For your information, Congress excluded three discrete categories of law enforcement and national security records from the requirements of FOIA. See 5 U.S.C. § 552(c). This response is limited to those records that are subject to the requirements of FOIA. This is a standard notification that is given to all our requesters and should not be taken as an indication that excluded records do, or do not, exist.

Office of Government Information Services Mediation

The 2007 FOIA amendments created the Office of Government Information Services (OGIS) to offer mediation services to resolve disputes between FOIA requesters and Federal agencies as a non-exclusive alternative to litigation. Using OGIS services does not affect your right to pursue litigation. You may contact OGIS in any of the following ways:

Office of Government Information Services
National Archives and Records Administration
8601 Adelphi Road - OGIS
College Park, MD 20740-6001
E-mail: ogis@nara.gov
Web: <https://ogis.archives.gov>
Telephone: 202-741-5770
Fax: 202-741-5769
Toll-free: 1-877-684-6448

Please note that using OGIS services does not affect the timing of filing an appeal with the Department's FOIA & Privacy Act Appeals Officer.

This concludes our response to your request.

If you have any questions regarding any issues discussed in our response, you may contact me by phone at 202-208-5840, by fax at 202-501-0549, by e-mail at foia@osmre.gov or by mail at Office of Surface Mining Reclamation and Enforcement, 1849 C Street, N.W., MS 1200W-MIB, Washington, D.C. 20240.

Sincerely,
Dele

Dele Awoniyi | FOIA Officer
Office of Surface Mining Reclamation and Enforcement
Department of the Interior | (202) 208-5840
1849 C Street NW | Washington, D.C. | 20240

CONFIDENTIALITY NOTICE

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Conversation Contents

Fwd: Cooperative Agreement S16AC20034 with National Academy of Sciences

Attachments:

/1. Fwd: Cooperative Agreement S16AC20034 with National Academy of Sciences/1.1
S16AC20034 combined 2.23.18.pdf

"Norman, Yolande" <ynorman@osmre.gov>

From: "Norman, Yolande" <ynorman@osmre.gov>
Sent: Wed Feb 28 2018 07:21:14 GMT-0700 (MST)
To: "Glenda H. Owens" <gowens@osmre.gov>
CC: Harry Payne <hpayne@osmre.gov>
Subject: Fwd: Cooperative Agreement S16AC20034 with National Academy of Sciences
Attachments: S16AC20034 combined 2.23.18.pdf

----- Forwarded message -----

From: **Richardson, Yetunde** <yrichardson@osmre.gov>
Date: Fri, Feb 23, 2018 at 2:14 PM
Subject: Re: Cooperative Agreement S16AC20034 with National Academy of Sciences
To: "Weiner, Jim" <jim.weiner@sol.doi.gov>
Cc: Yolande Norman <ynorman@osmre.gov>, Sterling Rideout <srideout@osmre.gov>

Jim,

Responses to your requests are listed below:

(b)(5) Attorney Client Privilege



Please let me know if I can be of any further assistance.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior

Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

On Fri, Feb 23, 2018 at 12:54 PM, Weiner, Jim <jim.weiner@sol.doi.gov> wrote:

Many thanks, Yetunde.

Jim

On Fri, Feb 23, 2018 at 11:54 AM, Richardson, Yetunde <yrichardson@osmre.gov> wrote:
Hello Jim,
I acknowledge receipt of your request. I am in the process of drafting a response to send you shortly.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

--

Yolande J.C. Norman
Chief, Reclamation Support Division
Program Support Directorate
Department of Interior
Office of Surface Mining Reclamation & Enforcement
1849 C Street NW
Main Interior Building, Room 4545
Washington DC, 20240
Tele: (202) 208-2868
Email: ynorman@osmre.gov

Grant and Cooperative Agreement

CHOOSE ONE:

- ☐ COOPERATIVE AGREEMENT
- ☒ GRANT

CHOOSE ONE:

☐ EDUCATION☐ FACILITIES☒ RESEARCH☐ SDCR☐ TRAINING

1. GRANT/COOPERATIVE AGREEMENT NUMBER S16AC20034		2. SUPPLEMENT NUMBER		3. EFFECTIVE DATE 08/01/2016		4. COMPLETION DATE 07/31/2018	
5. ISSUED TO NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip) NATIONAL ACADEMY OF SCIENCES Attn: ATTN GOVERNMENT POC 2101 CONSTITUTION AVE NW WASHINGTON DC 20418-0007				6. ISSUED BY OSM FA Program Support, Washington Mailing Address: 1951 Constitution Ave NW Washington DC 20240-0001			
7. TAXPAYER IDENTIFICATION NO. (TIN)				9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone) Douglas Denning 202-334-1422, ddenning@nas.edu			
8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO.							
10. RESEARCH, PROJECT OR PROGRAM TITLE FA, DC FY2016, AS							
11. PURPOSE Applied Science							
12. PERIOD OF PERFORMANCE (Approximately) 08/01/2016 through 07/31/2018							
13A.		AWARD HISTORY		13B.		FUNDING HISTORY	
PREVIOUS		\$0.00		PREVIOUS		\$0.00	
THIS ACTION		\$1,003,553.00		THIS ACTION		\$1,003,553.00	
CASH SHARE		\$0.00		TOTAL		\$1,003,553.00	
NON-CASH SHARE		\$0.00					
RECIPIENT SHARE		\$0.00					
TOTAL		\$1,003,553.00					
14. ACCOUNTING AND APPROPRIATION DATA 01							
PURCHASE REQUEST NO.		JOB ORDER NO.		AMOUNT		STATUS	
0020107378							
15. POINTS OF CONTACT							
	NAME	MAIL STOP	TELEPHONE	E-MAIL ADDRESS			
TECHNICAL OFFICER	Joshua Rockwell		202-208-2633	jrockwell@osmre.gov			
NEGOTIATOR							
ADMINISTRATOR	Yetunde Richardson		(202) 208-2766	yrichardson@osmre.gov			
PAYMENTS							
16. THIS AWARD IS MADE UNDER THE AUTHORITY OF: The Surface Mining Control and Reclamation Act of 1977 (P.L. 95-87) as amended							
17. APPLICABLE STATEMENT(S), IF CHECKED: <input type="checkbox"/> NO CHANGE IS MADE TO EXISTING PROVISIONS <input type="checkbox"/> FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC REQUIREMENTS APPLY TO THIS GRANT				18. APPLICABLE ENCLOSURE(S), IF CHECKED: <input type="checkbox"/> PROVISIONS <input type="checkbox"/> SPECIAL CONDITIONS <input type="checkbox"/> REQUIRED PUBLICATIONS AND REPORTS			
UNITED STATES OF AMERICA				COOPERATIVE AGREEMENT RECIPIENT			
CONTRACTING/GRANT OFFICER Yetunde Richardson		DATE		AUTHORIZED REPRESENTATIVE		DATE	

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>CFDA Number: 15.255</p> <p>DUNS Number: 041964057</p> <p>The following are incorporated into this agreement by reference:</p> <ol style="list-style-type: none"> 1. Your complete application for this assistance agreement, including amendments to the application 2. The Surface Mining Control and Reclamation Act of 1977 (P.L. 95-87) as amended 3. OSM grant regulations (Code of Federal Regulations: 30 CFR Chapter VII, Parts 725, 735, 795, 870-887) 4. Your approved regulatory and/or reclamation program as listed in 30 CFR Chapter VII, Subchapter T. 5. OSM's Federal Assistance Manual, directive GMT-10 6. The standard Department of Interior Financial Assistance terms and conditions for this award are incorporated herein by reference with the same force and effect as if in full text. The full text can be found at: http://www.doi.gov/pam/programs/financial_assistance/TermsandConditions.cfm or can be obtained by contacting the Financial Assistance Administrator. 7. Recipient Employee Whistleblower Rights and Requirement to Inform Employees of Whistleblower Rights (Sep 2013) <p>(a) This award and employees working on this financial assistance agreement will be subject to the whistleblower rights and remedies in the pilot program on Award Recipient employee whistleblower protections established at 41 U.S.C. 4712 by section 828 of the National Defense Authorization Act for Fiscal Year 2013 (Pub. L. 112-239).</p> <p>(b) The Award Recipient shall inform its employees in writing, in the predominant language</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>of the workforce, of the employee whistleblower rights and protections under 41 U.S.C. 4712.</p> <p>(c) The Award Recipient shall insert the substance of this clause, including this paragraph (c), in all subawards or subcontracts over the simplified acquisition threshold. 42 CFR Â\$ 52.203-17 (as referenced in 42 CFR Â\$ 3.908-9).</p> <p>8. In accordance with Chapter 3-120 of the Federal Assistance Manual, you must obtain our approval before you provide financial assistance to a third party by subgrant or other means. Once we have given our approval, you must update the Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS), accordingly.</p> <p>9. The Recipient must establish safeguards to prohibit its employees and Subrecipients from using their positions for purposes that constitute or present the appearance of a personal or organizational conflict of interest. The Recipient is responsible for notifying the grants officer in writing of any actual or potential conflicts of interest that may arise during the life of this award. Conflicts of interest include any relationship or matter which might place the Recipient or its employees in a position of conflict, real or apparent, between their responsibilities under the agreement and any other outside interests. Conflicts of interest may also include, but are not limited to, direct or indirect financial interests, close personal relationship, positions of trust in outside organizations, consideration of future employment arrangements with a different organization, or making a decision affecting the award that a reasonable person with knowledge of the relevant facts would question the Recipient</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>and/or Recipients employees and Subrecipients impartiality in the matter.</p> <p>The grants officer and the servicing ethics counselor will determine if a conflict of interest exists. If a conflict of interest exists, the grants officer will determine whether a mitigation plan is feasible. Mitigation plans must be approved by the grants officer in writing. Failure to resolve conflicts of interest in a manner that satisfies the government may be cause for termination of the award.</p> <p>With certain exceptions found in Chapter 2-260 of the Federal Assistance Manual, you must keep these records for three years starting on the day you send us your final expenditure report to close the assistance agreement.</p> <p>This agreement takes effect at the time of approval by the Director of OSM or his authorized delegate. The recipient accepts the agreement including the terms and conditions by starting work or making its first request for Federal funds approved under this agreement.</p> <p>OSMRE INVOLVEMENT (substantial federal involvement)</p> <p>We reserve the option to halt any portion of or the entire project immediately if warranted.</p> <p>Examples include if project protocols or specifications are not followed or met.</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>We will also closely monitor performance to provide specific direction or redirection of the project work.</p> <p>Our involvement may be modified if mutually agreed upon by both parties.</p> <p>LIST OF DELIVERABLES</p> <p>(Potential Human Health of Surface Coal Mine Operations in Central Appalachia)</p> <p>OSMRE Deliverables</p> <ul style="list-style-type: none"> • OSMRE Office of Communications will coordinate with NAS Public Affairs to provide media releases and announce other information to stakeholders of this project • Attend open meetings and briefings as necessary • Review and accept quarterly reports submitted by NAS • Review and approve each financial drawdown requested by NAS • Review preliminary report and promptly notify NAS of any comments unrelated to the overall findings of the committee • Disseminate hard-copy books of the final report to government offices and other stakeholders <p>National Academies of Sciences Deliverables</p> <ul style="list-style-type: none"> • NAS Public Affairs will coordinate with OSMRE Office of Communications to provide media <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>releases and announce other information to stakeholders of this project</p> <p>â€¢ Announce committee members, a brief description of the project, and other information to afford the public greater knowledge of this project and an opportunity to provide comments</p> <p>â€¢ Prepare and submit a quarterly financial (SF-425) and programmatic report within 30 days of the end of each calendar quarter as outlined in 2 CFR Â§ 200.327 and 2 CFR Â§ 200.328. Calendar quarters are as follows: September 30, December 31, March 31, and June 30. (For example, the first quarter would cover the partial quarter ending on September 30, 2016 and the corresponding quarterly report must be submitted to OSMRE by October 30, 2016)</p> <p>â€¢ Coordinate and administer four open meetings to gather stakeholder input</p> <p>â€¢ Conduct five closed session meetings for deliberation and report writing</p> <p>â€¢ Prepare and deliver a prepublication report to OSMRE within 18 months of study initiation</p> <p>â€¢ Submit advance copies (under embargo) of the prepublication report to OSMRE and interested members of Congress several days in advance of the public release</p> <p>â€¢ Conduct separate pre-release briefings about the preliminary report to both OSMRE and interested members of Congress (ideally on the same day) during the embargo period</p> <p>â€¢ Prepare and release the preliminary report of findings to OSMRE and the public. Make the preliminary report available for free on publisher's website</p> <p>â€¢ Coordinate and administer a public briefing in West Virginia following the public release of the preliminary report</p> <p>â€¢ Prepare and submit 400 hard-copy books of the Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>final report within six months after the release of the prepublication draft of the report, along with a non-technical summary of the report for public education purposes. Make the report available for free on publisher's website.</p> <p>OSMRE PRE-APPROVAL OF DRAWDOWNS</p> <p>Funds awarded in this cooperative agreement are subject to OSMRE review and pre-approval prior to disbursement. Supporting documentation must be submitted to us, upon requested.</p> <p>Legacy Doc #: OSM</p> <p>Delivery: 07/31/2018</p> <p>Delivery Location Code: 0003820475</p> <p>OSM, Headquarters</p> <p>1951 Constitution Ave, NW</p> <p>Washington DC 20240 US</p> <p>Account Assignment: K G/L Account: 6100.411C0</p> <p>Business Area: S000 Commitment Item: 411C00 Cost Center: SS03700000 Functional Area: S1T1T0000.1T4610 Fund: 156S180110 Fund Center: SS03700000 Project/WBS: SX.461 PR Acct Assign Line: 01</p> <p>Period of Performance: 08/01/2016 to 07/31/2018</p>				
00010	<p>FA DC FY 2016 AS NAS</p> <p>Obligated Amount: \$1,003,553.00</p> <p>The total amount of award: \$1,003,553.00. The obligation for this award is \$1,003,553.00.</p>				1,003,553.00



Richardson, Yetunde <yrichardson@osmre.gov>

Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)

Denning, Doug <DDenning@nas.edu>

Wed, Aug 3, 2016 at 1:19 PM

To: "Richardson, Yetunde" <yrichardson@osmre.gov>

Cc: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>, Harry Payne <hpayne@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, "Eide, Elizabeth" <EEide@nas.edu>

Good afternoon:

The NAS would like to request the following changes to the agreement:

1. These two sections incorporate a number of CFR citations that do not apply to the NAS and the work it will undertake. We request that these references be removed.

3. OSM grant regulations (Code of Federal

Regulations: 30 CFR Chapter VII, Parts 725, 735,

795, 870-887)

4. Your approved regulatory and/or reclamation

program as listed in 30 CFR Chapter VII,

Subchapter T.

2. We do not allow sponsors to review and comments on drafts of reports and do not make changes to our reports once they are issued. This section also violates a federal statute (see below) regarding sponsor involvement:

â– Review preliminary report and promptly notify

NAS of any comments unrelated to the overall

findings of the committee

APPENDIX A

SECTION 15 OF THE FEDERAL ADVISORY COMMITTEE ACT AS ADDED BY PUBLIC LAW NO. 105-153

(a) IN GENERAL.—An agency may not use any advice or recommendation provided by the National Academy of Sciences or National Academy of Public Administration that was developed by use of a committee created by that

academy under an agreement with an agency, unless---

(1) the committee was not subject to any actual management or control by an agency or an officer of the Federal Government;

Thank you for your attention to this matter.

V/R,

Doug Denning

Contract Manager

From: Richardson, Yetunde [mailto:yrichardson@osmre.gov]

Sent: Monday, August 01, 2016 8:58 AM


To: Denning, Doug

Cc: Joshua Rockwell; Michael Kuhns; Harry Payne; Jay Bautista

Subject: Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)

Good Morning,

[Quoted text hidden]

 **NGA S16AC20034.pdf**
131K



United States Department of the Interior

OFFICE OF SURFACE MINING RECLAMATION AND ENFORCEMENT Washington, D.C. 20240



Memorandum

To: Michael Kuhns
Acting Chief, Division of Regulatory Support

From: Yetunde Richardson
Grants Management Specialist, Reclamation Support Division

Subject: Amendment to National Academies of Sciences Cooperative Agreement
#S16AC20034

As a result of administrative changes requested by the National Academy of Sciences (per attached email), a modification to the terms and conditions of National Academies of Sciences (NAS) Cooperative Agreement #S16AC20034 is needed.

The amendment will not modify any of the approved financial assistance applications package submitted by NAS, therefore updated financial assistance forms will not be requested from the recipient.

X

Concurrence

Non-concurrence

Michael H. Kuhns

Michael Kuhns, Acting Chief, Division of Regulatory Support

08-03-16

Date

Attachment

Grant and Cooperative Agreement

CHOOSE ONE:

- ☒ COOPERATIVE AGREEMENT
- ☐ GRANT

CHOOSE ONE:

☐ EDUCATION☐ FACILITIES☐ RESEARCH☐ SDCR☐ TRAINING

1. GRANT/COOPERATIVE AGREEMENT NUMBER S16AC20034		2. SUPPLEMENT NUMBER 0001		3. EFFECTIVE DATE 08/04/2016		4. COMPLETION DATE 07/31/2018	
5. ISSUED TO NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip) NATIONAL ACADEMY OF SCIENCES Attn: ATTN GOVERNMENT POC 2101 CONSTITUTION AVE NW WASHINGTON DC 20418-0007				6. ISSUED BY OSM FA Program Support, Washington Mailing Address: 1951 Constitution Ave NW Washington DC 20240-0001			
7. TAXPAYER IDENTIFICATION NO. (TIN)				9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone) Douglas Denning 202-334-1422, ddenning@nas.edu			
8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO.							
10. RESEARCH, PROJECT OR PROGRAM TITLE FA DC FY2016 AS							
11. PURPOSE 15.255 Applied Science Program Cooperative Agreements Related to Coal Mining and Reclamation							
12. PERIOD OF PERFORMANCE (Approximately) 08/01/2016 through 07/31/2018							
13A.		AWARD HISTORY		13B.		FUNDING HISTORY	
PREVIOUS		\$1,003,553.00		PREVIOUS		\$1,003,553.00	
THIS ACTION		\$0.00		THIS ACTION		\$0.00	
CASH SHARE		\$0.00		TOTAL		\$1,003,553.00	
NON-CASH SHARE		\$0.00					
RECIPIENT SHARE		\$0.00					
TOTAL		\$1,003,553.00					
14. ACCOUNTING AND APPROPRIATION DATA							
PURCHASE REQUEST NO.		JOB ORDER NO.		AMOUNT		STATUS	
15. POINTS OF CONTACT							
	NAME	MAIL STOP	TELEPHONE	E-MAIL ADDRESS			
TECHNICAL OFFICER	Joshua Rockwell		202-208-2633	jrockwell@osmre.gov			
NEGOTIATOR							
ADMINISTRATOR	Yetunde Richardson		(202) 208-2766	yrichardson@osmre.gov			
PAYMENTS							
16. THIS AWARD IS MADE UNDER THE AUTHORITY OF: The Surface Mining Control and Reclamation Act of 1977 (P.L. 95-87) as amended							
17. APPLICABLE STATEMENT(S), IF CHECKED: <input type="checkbox"/> NO CHANGE IS MADE TO EXISTING PROVISIONS <input type="checkbox"/> FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC REQUIREMENTS APPLY TO THIS GRANT				18. APPLICABLE ENCLOSURE(S), IF CHECKED: <input type="checkbox"/> PROVISIONS <input type="checkbox"/> SPECIAL CONDITIONS <input type="checkbox"/> REQUIRED PUBLICATIONS AND REPORTS			
UNITED STATES OF AMERICA				COOPERATIVE AGREEMENT RECIPIENT			
CONTRACTING/GRANT OFFICER Yetunde Richardson		DATE 08/04/2016		AUTHORIZED REPRESENTATIVE		DATE	

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>CFDA Number: 15.255</p> <p>DUNS Number: 041964057</p> <p>The following are incorporated into this agreement by reference:</p> <ol style="list-style-type: none"> 1. Your complete application for this assistance agreement, including amendments to the application. 2. The Surface Mining Control and Reclamation Act of 1977 (P.L. 95-87) as amended. 3. OSMRE's Federal Assistance Manual, directive GMT-10. 4. The standard Department of Interior Financial Assistance terms and conditions for this award are incorporated herein by reference with the same force and effect as if in full text. The full text can be found at: http://www.doi.gov/pam/programs/financial_assistance/TermsandConditions.cfm or can be obtained by contacting the Financial Assistance Administrator. 5. Recipient Employee Whistleblower Rights and Requirement to Inform Employees of Whistleblower Rights (Sep 2013) <p>(a) This award and employees working on this financial assistance agreement will be subject to the whistleblower rights and remedies in the pilot program on Award Recipient employee whistleblower protections established at 41 U.S.C. 4712 by section 828 of the National Defense Authorization Act for Fiscal Year 2013 (Pub. L. 112-239).</p> <p>(b) The Award Recipient shall inform its</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

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	<p>employees in writing, in the predominant language of the workforce, of the employee whistleblower rights and protections under 41 U.S.C. 4712.</p> <p>(c) The Award Recipient shall insert the substance of this clause, including this paragraph (c), in all subawards or subcontracts over the simplified acquisition threshold. 42 CFR 52.203-17 (as referenced in 42 CFR 3.908-9).</p> <p>6. In accordance with Chapter 3-120 of the Federal Assistance Manual, you must obtain our approval before you provide financial assistance to a third party by subgrant or other means. Once we have given our approval, you must update the Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS), accordingly.</p> <p>7. The Recipient must establish safeguards to prohibit its employees and Subrecipients from using their positions for purposes that constitute or present the appearance of a personal or organizational conflict of interest. The Recipient is responsible for notifying the grants officer in writing of any actual or potential conflicts of interest that may arise during the life of this award. Conflicts of interest include any relationship or matter, which might place the Recipient or its employees in a position of conflict, real or apparent, between their responsibilities under the agreement and any other outside interests. Conflicts of interest may also include, but are not limited to, direct or indirect financial interests, close personal relationship, positions of trust in outside organizations, consideration of future employment arrangements with a</p> <p>Continued ...</p>				

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	<p>different organization, or making a decision affecting the award that a reasonable person with knowledge of the relevant facts would question the Recipient and/or Recipients employees and Subrecipients impartiality in the matter.</p> <p>The grants officer and the servicing ethics counselor will determine if a conflict of interest exists. If a conflict of interest exists, the grants officer will determine whether a mitigation plan is feasible. Mitigation plans must be approved by the grants officer in writing. Failure to resolve conflicts of interest in a manner that satisfies the government may be cause for termination of the award.</p> <p>With certain exceptions found in Chapter 2-260 of the Federal Assistance Manual, you must keep these records for three years starting on the day you send us your final expenditure report to close the assistance agreement.</p> <p>This agreement takes effect at the time of approval by the Director of OSMRE or his authorized delegate. The recipient accepts the agreement including the terms and conditions by starting work or making its first request for Federal funds approved under this agreement.</p> <p>OSMRE INVOLVEMENT (Substantial Federal Involvement)</p> <p>We reserve the option to halt any portion of or the entire project immediately if warranted. Examples include if project protocols or specifications are not followed or met. We will also closely monitor performance to provide</p> <p>Continued ...</p>				

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	<p>specific direction or redirection of the project work. Our involvement may be modified if mutually agreed upon by both parties.</p> <p>LIST OF DELIVERABLES</p> <p>Potential Human Health of Surface Coal Mine Operations in Central Appalachia</p> <p>OSMRE Deliverables</p> <ol style="list-style-type: none"> OSMRE Office of Communications will coordinate with NAS Public Affairs to provide media releases and announce other information to stakeholders of this project. Attend open meetings and briefings as necessary. Review and accept quarterly reports submitted by NAS. Review and approve each financial drawdown requested by NAS. Disseminate hard-copy books of the final report to government offices and other stakeholders. <p>National Academies of Sciences Deliverables</p> <ol style="list-style-type: none"> NAS Public Affairs will coordinate with OSMRE Office of Communications to provide media releases and announce other information to stakeholders of this project. Announce committee members, a brief description of the project, and other information <p>Continued ...</p>				

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	<p>to afford the public greater knowledge of this project and an opportunity to provide comments.</p> <p>3. Prepare and submit a quarterly financial (SF-425) and programmatic report within 30 days of the end of each calendar quarter as outlined in 2 CFR 200.327 and 2 CFR 200.328. Calendar quarters are as follows: September 30, December 31, March 31, and June 30. (For example, the first quarter would cover the partial quarter ending on September 30, 2016 and the corresponding quarterly report must be submitted to OSMRE by October 30, 2016)</p> <p>4. Coordinate and administer four open meetings to gather stakeholder input</p> <p>5. Conduct five closed session meetings for deliberation and report writing</p> <p>6. Prepare and deliver a prepublication report to OSMRE within 18 months of study initiation</p> <p>7. Submit advance copies (under embargo) of the prepublication report to OSMRE and interested members of Congress several days in advance of the public release</p> <p>8. Conduct separate pre-release briefings about the preliminary report to both OSMRE and interested members of Congress (ideally on the same day) during the embargo period</p> <p>9. Prepare and release the preliminary report of findings to OSMRE and the public.</p> <p>16. Make the preliminary report available free on publishers website.</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

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	<p>10. Coordinate and administer a public briefing in West Virginia following the public release of the preliminary report</p> <p>11. Prepare and submit 400 hard-copy books of the final report within six months after the release of the prepublication draft of the report, along with a non-technical summary of the report for public education purposes. Make the report available free on publishers website.</p> <p>OSMRE PRE-APPROVAL OF DRAWDOWNS</p> <p>1. Funds awarded in this cooperative agreement are subject to OSMRE review and pre-approval prior to disbursement. Supporting documentation must be submitted to us, upon request.</p> <p>Legacy Doc #: OSM</p> <p>LIST OF CHANGES:</p> <p>Total Amount for this Modification: \$0.00</p> <p>New Total Amount for this Version: \$0.00</p> <p>New Total Amount for this Award: \$1,003,553.00</p> <p>Revised Cooperative Agreement Terms and Conditions</p> <p>Section A: Clause, 1, is incorporated as follows:</p> <p>1 Standard DOI FA Terms and Conditions</p> <p>1 Standard DOI FA Terms and Conditions.</p> <p>Assistance award from the Department of the Interior (DOI) carries with it the responsibility to be aware of and comply with the terms and conditions of award. Acceptance is defined as the start of work, drawing down funds, or accepting the award via electronic means. Awards are based on the application submitted to, and as approved by DOI and are subject to the terms and</p> <p>Continued ...</p>				

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	<p>conditions incorporated either directly or by reference in the following:</p> <p>Program legislation\regulation.</p> <p>Special terms and conditions.</p> <p>Code of Federal Regulations/Regulatory Requirements, as applicable (Contact your program officer with any questions regarding the applicability of the following):</p> <p>2 CFR Part 25 Central Contractor Registration and Data Universal Numbering System</p> <p>2 CFR Part 170 Reporting Subawards and Executive Compensation</p> <p>2 CFR Part 1400 Governmentwide Debarment and Suspension (Nonprocurement)</p> <p>2 CFR Part 175 Trafficking Victims Protection Act of 2000</p> <p>43 CFR 12(A) Administrative and Audit Requirements and Cost Principles for Assistance Programs</p> <p>43 CFR 12(E) Buy American Requirements for Assistance Programs</p> <p>43 CFR 12(C) Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local</p> <p>43 CFR 12(F) Uniform Administrative Requirements for Grants and Cooperative Agreements with Institutions of Higher Education, Hospitals, other Non-Profit and Commercial Organizations</p> <p>43 CFR 43 Governmentwide Requirements for a Drug-Free Workplace</p> <p>43 CFR 18 New Restrictions on Lobbying</p> <p>Period of Performance: 08/01/2016 to 07/31/2018</p> <p>ADMIN CHANGE OF TERMS</p>				

NAS Drawdown Breakdown			Expense Category											
Draw Down Request #	Billed Expenses Through	Total Draw Request	Admin and Direct Costs	Background Research (Data and Labor)	Committee Establishment Labor	Meeting 1 Assoc. Costs	Meeting 1 Labor	Meeting 1 Travel	Meeting 2 Labor	Meeting 2 Travel	Meeting 3 Labor	Meeting 3 Travel	Meeting 4 Labor	Meeting 4 Travel
1	9/9/2016	\$706.38			\$706.38									
2	10/31/2016	\$9,428.70	\$9,428.70											
3	11/30/2016	\$17,771.11		\$3,431.53	\$14,339.58									
4	12/31/2016	\$22,204.08	\$65.92	\$8,424.22	\$13,713.94									
5	1/31/2017	\$22,748.28	\$8.89		\$8,438.89	\$14,300.50								
6	2/28/2017	\$15,071.02			\$3,076.84	\$11,994.18								
7	3/31/2017	\$57,448.05	\$364.38			\$53,187.03	\$3,896.64							
8	4/30/2017	\$29,986.99	\$66.64			\$949.70	\$12,742.88	\$3,484.88	\$12,742.89					
9	5/31/2017	\$75,919.51	\$62.88			\$1,174.11		\$7,378.56	\$11,559.20	\$10,191.94	\$45,552.82			
10	6/30/2017	\$27,072.92	\$3,728.13						\$9,095.55	\$2,215.80	\$12,033.44			
11	9/1/2017	\$128,791.54	\$269.54							\$9,211.24	\$12,593.80	\$10,492.81	96,224.15	
12	9/30/2017	\$33,799.50	\$1,610.67								\$1,803.67	\$14,799.04	3,751.65	11,834.47
13	11/16/2017	\$14,162.11											576.68	13585.43

Category Totals \$15,605.75 \$11,855.75 \$40,275.63 \$2,123.81 \$92,224.59 \$14,760.08 \$33,397.64 \$21,618.98 \$71,983.73 \$25,291.85 \$100,552.48 \$25,419.90

Grand Total \$455,110.19

Coop Agreement Total \$1,003,553.00 (corrected)

Balance Remaining \$548,442.81 (corrected)

Grant Detail Query as of 2.23.18

PO/Award Number	Vendor	Functional area	BASE Award Fiscal Year	Fund	Funds Center	Latest Award Status	Key Figures		
							Awards	Draws	Balance
S16AC20034	NATIONAL ACADEMY OF SCIENCES	S1T1T0000.1T4610	2016	156S180110	SS03700000	RELEASED	\$ 1,003,553.00	\$ 455,110.19	\$ 548,442.81



NEWS RELEASE

WASHINGTON, D.C.
WWW.OSMRE.GOV

August 3, 2016
FOR IMMEDIATE RELEASE

Contact: Christopher Holmes
(202) 208-7941
cholmes@osmre.gov

OSMRE Funds National Academy of Sciences Study of Potential Health Risks Related to Surface Coal Mining in Central Appalachia *\$1 million study responds to state request*

WASHINGTON, D.C. – At the request of the State of West Virginia, Office of Surface Mining Reclamation and Enforcement (OSMRE) will fund an independent examination of existing research concerning the potential correlation between increased human health risks and living near surface coal mine sites in Central Appalachia. The \$1 million study will be conducted by the National Academy of Sciences (NAS) over a two-year period.

“This kind of project represents the best of the Surface Mining Control and Reclamation Act, which was signed into law 39 years ago today” said OSMRE Director Joe Pizarchik. “West Virginia asked us in the Federal government for help. We wanted to do the best we could for the people, so we brought the National Academy of Sciences on board because they are one of the world’s most reputable scientific organizations. Good things happen when we work together.”

The State of West Virginia originally made a formal written request for the Obama Administration’s help in 2015. Under the agreement between OSMRE and the NAS, the Academy will independently choose a committee of 12 subject matter experts to examine a growing amount of academic research that relates to possible correlations between increased health risks as a result of living near surface coal mine operations.

The committee will identify gaps in the research and consider options for additional examination to address concerns about potential public health effects. The committee will not consider the occupational health aspects of workers at coal mines. While OSMRE will oversee the Cooperative Agreement with NAS, it will not have a role in the research, the development of the final report, or identification of any findings that may result from the study.

The experts will have backgrounds in areas such as (but not limited to) mining engineering, exposure science, epidemiology, public health, environmental medicine, statistics, and regulatory decision making. Experts will come from academia, state government agencies, industry and other non-governmental organizations. None of the experts participating in the NAS committee will be active members of the coal industry or any governmental agency that regulates coal mining.

The committee of experts will hold four town-hall styled hearings to gather information



NEWS RELEASE

CONTINUED

from the public about the potential effects on human health associated with coal mining. The NAS committee will announce public meeting dates. OSMRE will share additional information as it becomes available.

The NAS study builds on on-going Administration efforts to assist communities impacted by surface coal mining, especially those in Appalachia. The Power Plus plan, which the President proposed in his FY16 and FY17 budget requests, calls for investing in worker training and job creation, strengthening the health and retirement security of mineworkers and their families, and accelerating the clean-up of abandoned mine lands to remove impediments to economic development.

The Office of Surface Mining Reclamation and Enforcement (OSMRE) carries out the requirements of the Surface Mining Control and Reclamation Act of 1977 in cooperation with states and tribes. OSMRE's objectives are to ensure that coal mining activities are conducted in a manner that protects citizens and the environment during mining, to ensure that the land is restored to beneficial use after mining, and to mitigate the effects of past mining by aggressively pursuing reclamation of abandoned coal mines. For instant updates on OSMRE, follow the bureau's Twitter feed [@OSMRE](#).

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Conversation Contents

OSMRE's Response to OIG - NAS Audit

Attachments:

/2. OSMRE's Response to OIG - NAS Audit/1.1
OIG.NAS.COOP.Resp_OSMRE.02.22.18.FINAL.docx
/2. OSMRE's Response to OIG - NAS Audit/1.2 ATTACHMENT 1_Ques.3.pdf
/2. OSMRE's Response to OIG - NAS Audit/1.3 ATTACHMENT 2_OIG.Ques 4.pdf
/2. OSMRE's Response to OIG - NAS Audit/1.4 ATTACHMENT 3. Secretarial Memo -
Managing Grants, Cooperative Agreements, and Other Significant Decisions - 04-12-
2017.pdf
/2. OSMRE's Response to OIG - NAS Audit/1.5 ATTACHMENT 4. Drawdown Reviews
and Reports (2).pdf
/2. OSMRE's Response to OIG - NAS Audit/1.6 ATTACHMENT 5.NAS Qrtly Rpts.pdf
/2. OSMRE's Response to OIG - NAS Audit/1.7 ATTACHMENT 6.Completed NAS
Mtgs.pdf
/2. OSMRE's Response to OIG - NAS Audit/1.8 ATTACHMENT 7.OSMRE Perf
Review.pdf
/2. OSMRE's Response to OIG - NAS Audit/1.9 ATTACHMENT 8.Summary of Draw
Down Req and App.pdf
/2. OSMRE's Response to OIG - NAS Audit/2.1 ATTACHMENT 8.Summary of Draw
Down Req and App.pdf
/2. OSMRE's Response to OIG - NAS Audit/5.1 NAS Draw Down Break Out 2-23-2018
revised.xlsx

"Norman, Yolande" <ynorman@osmre.gov>

From: "Norman, Yolande" <ynorman@osmre.gov>
Sent: Thu Feb 22 2018 10:11:49 GMT-0700 (MST)
To: "Rideout, Sterling" <srideout@osmre.gov>
Harry Payne <hpayne@osmre.gov>, Michael Kuhns
<mkuhns@osmre.gov>, Yetunde Richardson
CC: <yrichardson@osmre.gov>, Joshua Rockwell
<jrockwell@osmre.gov>
Subject: OSMRE's Response to OIG - NAS Audit
OIG.NAS.COOP.Resp_OSMRE.02.22.18.FINAL.docx
ATTACHMENT 1_Ques.3.pdf ATTACHMENT 2_OIG.Ques 4.pdf
ATTACHMENT 3. Secretarial Memo - Managing Grants,
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2017.pdf ATTACHMENT 4. Drawdown Reviews and Reports
(2).pdf ATTACHMENT 5.NAS Qrtly Rpts.pdf ATTACHMENT
6.Completed NAS Mtgs.pdf ATTACHMENT 7.OSMRE Perf
Review.pdf ATTACHMENT 8.Summary of Draw Down Req and
App.pdf
Attachments:

Good afternoon Sterling,

Attached you will find OSMRE's Response to the OIG questions to date. Thanks everyone helping to put this together so quickly.

Yolande

--

Yolande J.C. Norman
Chief, Reclamation Support Division
Program Support Directorate
Department of Interior
Office of Surface Mining Reclamation & Enforcement
1849 C Street NW
Main Interior Building, Room 4545
Washington DC, 20240
Tele: (202) 208-2868
[Email: ynorman@osmre.gov](mailto:ynorman@osmre.gov)

"Norman, Yolande" <ynorman@osmre.gov>

From: "Norman, Yolande" <ynorman@osmre.gov>
Sent: Fri Feb 23 2018 10:13:11 GMT-0700 (MST)
To: Michael Kuhns <mkuhns@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>
Harry Payne <hpayne@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, "Rideout, Sterling" <srideout@osmre.gov>
CC:
Subject: Re: OSMRE's Response to OIG - NAS Audit
Attachments: ATTACHMENT 8.Summary of Draw Down Req and App.pdf

Hi Mick and Josh,

Just to clarify

The summary table (i.e. attached cover page on Attachment 8) is incorrect that was submitted to the OIG. Since the total amount of the Cooperative Agreement that was specified is incorrect it means that how much is left on the agreement is incorrect.

Please reconcile ASAP and send to me today. Or simply send us the excel spreadsheet to fix this error.

Thanks

Yolande

On Fri, Feb 23, 2018 at 12:02 PM, Richardson, Yetunde <yrichardson@osmre.gov> wrote:

Hello Mick,

There are errors in the coop agreement Draw down attachment that was sent out to the OIG.

Please see attached grant detail query. The balance on the cooperative agreement is \$548,442.81 and the Award amount is \$1,003,533.

Could you revise the spreadsheet and resend to Yolande since Josh is out of the office?

Thank you in advance.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

On Thu, Feb 22, 2018 at 12:11 PM, Norman, Yolande <ynorman@osmre.gov> wrote:

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Yolande

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*Yolande J.C. Norman
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Washington DC, 20240
Tele: (202) 208-2868
[Email:ynorman@osmre.gov](mailto:ynorman@osmre.gov)*

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*Yolande J.C. Norman
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Program Support Directorate
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"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>
Sent: Fri Feb 23 2018 10:21:54 GMT-0700 (MST)
To: "Norman, Yolande" <ynorman@osmre.gov>
Joshua Rockwell <jrockwell@osmre.gov>, Harry Payne
<hpayne@osmre.gov>, Yetunde Richardson
CC: <yrichardson@osmre.gov>, "Rideout, Sterling"
<srideout@osmre.gov>
Subject: Re: OSMRE's Response to OIG - NAS Audit

I do have the Excel file and will revise it shortly.

Mick

Michael "Mick" Kuhns, Physical Scientist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
1849 C Street NW, Washington, D.C. 20240 Room 4556
Office: (202) 208-2860
mkuhns@osmre.gov

On Fri, Feb 23, 2018 at 12:13 PM, Norman, Yolande <ynorman@osmre.gov> wrote:
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Grants Management Specialist
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Office of Surface Mining Reclamation and Enforcement
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Washington, D.C. 20240
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[Email: ynorman@osmre.gov](mailto:ynorman@osmre.gov)

--

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Program Support Directorate
Department of Interior
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Tele: (202) 208-2868
[Email: ynorman@osmre.gov](mailto:ynorman@osmre.gov)

"Norman, Yolande" <ynorman@osmre.gov>

From: "Norman, Yolande" <ynorman@osmre.gov>
Sent: Fri Feb 23 2018 10:25:42 GMT-0700 (MST)
To: "Kuhns, Michael" <mkuhns@osmre.gov>
Joshua Rockwell <jrockwell@osmre.gov>, Harry Payne
<hpayne@osmre.gov>, Yetunde Richardson
CC: <yrichardson@osmre.gov>, "Rideout, Sterling"
<srideout@osmre.gov>
Subject: Re: OSMRE's Response to OIG - NAS Audit

Perfect. Thanks a bunch.

On Fri, Feb 23, 2018 at 12:21 PM, Kuhns, Michael <mkuhns@osmre.gov> wrote:
I do have the Excel file and will revise it shortly.

Mick

Michael "Mick" Kuhns, Physical Scientist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
1849 C Street NW, Washington, D.C. 20240 Room 4556
Office: (202) 208-2860
mkuhns@osmre.gov

On Fri, Feb 23, 2018 at 12:13 PM, Norman, Yolande <ynorman@osmre.gov> wrote:
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1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

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Good afternoon Sterling,

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--

Yolande J.C. Norman
Chief, Reclamation Support Division
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Office of Surface Mining Reclamation & Enforcement
1849 C Street NW
Main Interior Building, Room 4545
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Tele: (202) 208-2868
Email: ynorman@osmre.gov

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Email: ynorman@osmre.gov

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>
Sent: Fri Feb 23 2018 11:07:01 GMT-0700 (MST)
To: "Norman, Yolande" <ynorman@osmre.gov>
Joshua Rockwell <jrockwell@osmre.gov>, Harry Payne
<hpayne@osmre.gov>, Yetunde Richardson
CC: <yrichardson@osmre.gov>, "Rideout, Sterling"
<srideout@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>
Subject: Re: OSMRE's Response to OIG - NAS Audit
Attachments: NAS Draw Down Break Out 2-23-2018 revised.xlsx

Yolande,

Attached is the corrected Excel file. The incorrect values were a result of using the total cooperative agreement amount from an earlier draft version of the CA from Elizabeth Eide. We subsequently removed some costs for NAS committee members to brief congress and lowered the CA total to \$1,003,553 as you identified.

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"Norman, Yolande" <ynorman@osmre.gov>

From: "Norman, Yolande" <ynorman@osmre.gov>
Sent: Fri Feb 23 2018 11:54:43 GMT-0700 (MST)
To: "Kuhns, Michael" <mkuhns@osmre.gov>
Joshua Rockwell <jrockwell@osmre.gov>, Harry Payne
<hpayne@osmre.gov>, Yetunde Richardson
CC: <yrichardson@osmre.gov>, "Rideout, Sterling"
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"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>
Sent: Mon Feb 26 2018 05:00:55 GMT-0700 (MST)
To: "Norman, Yolande" <ynorman@osmre.gov>
"Kuhns, Michael" <mkuhns@osmre.gov>, Harry Payne
<hpayne@osmre.gov>, Yetunde Richardson
CC: <yrichardson@osmre.gov>, "Rideout, Sterling"
<srideout@osmre.gov>
Subject: Re: OSMRE's Response to OIG - NAS Audit

Was the revision forwarded to Mr. Reynolds?

Josh Rockwell

Mining Engineer/Dam Safety Officer
Office of Surface Mining, Reclamation and Enforcement
Division of Regulatory Support
1849 C. Street, NW, Mail Stop 4550
Washington, DC 20240
(202) 209-2633 work
(410) 456-8042 cell

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"Rideout, Sterling" <srideout@osmre.gov>

From: "Rideout, Sterling" <srideout@osmre.gov>
Sent: Mon Feb 26 2018 05:04:19 GMT-0700 (MST)
To: "Rockwell, Joshua" <jrockwell@osmre.gov>
CC: "Norman, Yolande" <ynorman@osmre.gov>, "Kuhns, Michael" <mkuhns@osmre.gov>, Harry Payne <hpayne@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>
Subject: Re: OSMRE's Response to OIG - NAS Audit

I will send to Mr. Reynolds this morning.

Sterling Rideout
Assistant Director, Program Support Directorate
Office of Surface Mining Reclamation & Enforcement

1849 C Street, NW.
Washington DC 20240
(202) 208-2665
(202) 219-0253 (fax)

On Mon, Feb 26, 2018 at 7:00 AM, Rockwell, Joshua <jrockwell@osmre.gov> wrote:
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*Mining Engineer/Dam Safety Officer
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Norman, Yolande <ynorman@osmre.gov>

re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

4 messages

Bautista, Jay <jbautista@osmre.gov>

Wed, Jul 12, 2017 at 2:30 PM

To: Glenda Owens <gowens@osmre.gov>

Cc: Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>

Hi Glenda,

Yetunde Richardson received a call from Jim Weiner from the Solicitor's Office. He was calling because [REDACTED]

While he was appreciative of any guidance that she was able to provide, he was going to continue to look in to this. I am not sure that he is going to call back but she let him know that we inform you that he is looking into it.

Current status of the agreement: OSMRE awarded \$1,003,553 on July 22, 2016. The start date of the agreement is August 1, 2016 and ending July 31, 2018. To date NAS has expended \$251,284.12, about 25% of the award amount. OSMRE has required NAS to submit supporting documentation for every expenditure for approval by staff in the Division of Regulatory Support before releasing funds to them.

Let me know if you have any questions.

Jay Bautista

Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240
(202) 208-7411

2 CFR 200 subsection 200.339.docx
15K**Yolande Norman** <ynorman@osmre.gov>

Wed, Jul 12, 2017 at 2:48 PM

To: Sterling Rideout <srideout@osmre.gov>

Sent from my iPhone

Begin forwarded message:

From: "Bautista, Jay" <jbautista@osmre.gov>**Date:** July 12, 2017 at 12:30:33 PM MDT**To:** Glenda Owens <gowens@osmre.gov>**Cc:** Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>**Subject:** re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

[Quoted text hidden]

2 attachments

 **noname.html**
1K **2 CFR 200 subsection 200.339.docx**
15K

Yolande Norman <ynorman@osmre.gov>
To: Yetunde Richardson <yrichardson@osmre.gov>
Cc: Jay Bautista <jbautista@osmre.gov>

Thu, Jul 13, 2017 at 10:41 AM

Sent from my iPhone

Begin forwarded message.

From: "Bautista, Jay" <jbautista@osmre.gov>
Date: July 12, 2017 at 12:30:33 PM MDT
To: Glenda Owens <gowens@osmre.gov>
Cc: Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>
Subject: re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

[Quoted text hidden]

2 attachments **noname.html**
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Bautista, Jay <jbautista@osmre.gov>
To: Yolande Norman <ynorman@osmre.gov>
Cc: "Richardson, Yetunde" <yrichardson@osmre.gov>

Thu, Aug 10, 2017 at 7:57 AM

Jay Bautista
Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240

(202) 208-7411

----- Forwarded message -----

From: Bautista, Jay <jbautista@osmre.gov>
Date: Wed, Jul 12, 2017 at 2:30 PM
Subject: re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)
To: Glenda Owens <gowens@osmre.gov>
Cc: Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>

[Quoted text hidden]

 **2 CFR 200 subsection 200.339.docx**
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Excerpt from the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, Title 2.

§200.339 Termination.

(a) The Federal award may be terminated in whole or in part as follows:

(1) By the Federal awarding agency or pass-through entity, if a non-Federal entity fails to comply with the terms and conditions of a Federal award;

(2) By the Federal awarding agency or pass-through entity for cause;

(3) By the Federal awarding agency or pass-through entity with the consent of the non-Federal entity, in which case the two parties must agree upon the termination conditions, including the effective date and, in the case of partial termination, the portion to be terminated; or

(4) By the non-Federal entity upon sending to the Federal awarding agency or pass-through entity written notification setting forth the reasons for such termination, the effective date, and, in the case of partial termination, the portion to be terminated. However, if the Federal awarding agency or pass-through entity determines in the case of partial termination that the reduced or modified portion of the Federal award or subaward will not accomplish the purposes for which the Federal award was made, the Federal awarding agency or pass-through entity may terminate the Federal award in its entirety.

(b) When a Federal awarding agency terminates a Federal award prior to the end of the period of performance due to the non-Federal entity's material failure to comply with the Federal award terms and conditions, the Federal awarding agency must report the termination to the OMB-designated integrity and performance system accessible through SAM (currently FAPIIS).

(1) The information required under paragraph (b) of this section is not to be reported to designated integrity and performance system until the non-Federal entity either—

(i) Has exhausted its opportunities to object or challenge the decision, see §200.341 Opportunities to object, hearings and appeals; or

(ii) Has not, within 30 calendar days after being notified of the termination, informed the Federal awarding agency that it intends to appeal the Federal awarding agency's decision to terminate.

(2) If a Federal awarding agency, after entering information into the designated integrity and performance system about a termination, subsequently:

(i) Learns that any of that information is erroneous, the Federal awarding agency must correct the information in the system within three business days;

(ii) Obtains an update to that information that could be helpful to other Federal awarding agencies, the Federal awarding agency is strongly encouraged to amend the information in the system to incorporate the update in a timely way.

(3) Federal awarding agencies, shall not post any information that will be made publicly available in the non-public segment of designated integrity and performance system that is covered by a disclosure exemption under the Freedom of Information Act. If the non-Federal entity asserts within seven calendar days to the Federal awarding agency who posted the information, that some of the information made publicly available is covered by a disclosure exemption under the Freedom of Information Act, the Federal

awarding agency who posted the information must remove the posting within seven calendar days of receiving the assertion. Prior to reposting the releasable information, the Federal agency must resolve the issue in accordance with the agency's Freedom of Information Act procedures.

(c) When a Federal award is terminated or partially terminated, both the Federal awarding agency or pass-through entity and the non-Federal entity remain responsible for compliance with the requirements in §§200.343 Closeout and 200.344 Post-closeout adjustments and continuing responsibilities.

[78 FR 78608, Dec. 26, 2013, as amended at 80 FR 43309, July 22, 2015]



Norman, Yolande <ynorman@osmre.gov>

re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

4 messages

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(4) By the non-Federal entity upon sending to the Federal awarding agency or pass-through entity written notification setting forth the reasons for such termination, the effective date, and, in the case of partial termination, the portion to be terminated. However, if the Federal awarding agency or pass-through entity determines in the case of partial termination that the reduced or modified portion of the Federal award or subaward will not accomplish the purposes for which the Federal award was made, the Federal awarding agency or pass-through entity may terminate the Federal award in its entirety.

(b) When a Federal awarding agency terminates a Federal award prior to the end of the period of performance due to the non-Federal entity's material failure to comply with the Federal award terms and conditions, the Federal awarding agency must report the termination to the OMB-designated integrity and performance system accessible through SAM (currently FAPIIS).

(1) The information required under paragraph (b) of this section is not to be reported to designated integrity and performance system until the non-Federal entity either—

(i) Has exhausted its opportunities to object or challenge the decision, see §200.341 Opportunities to object, hearings and appeals; or

(ii) Has not, within 30 calendar days after being notified of the termination, informed the Federal awarding agency that it intends to appeal the Federal awarding agency's decision to terminate.

(2) If a Federal awarding agency, after entering information into the designated integrity and performance system about a termination, subsequently:

(i) Learns that any of that information is erroneous, the Federal awarding agency must correct the information in the system within three business days;

(ii) Obtains an update to that information that could be helpful to other Federal awarding agencies, the Federal awarding agency is strongly encouraged to amend the information in the system to incorporate the update in a timely way.

(3) Federal awarding agencies, shall not post any information that will be made publicly available in the non-public segment of designated integrity and performance system that is covered by a disclosure exemption under the Freedom of Information Act. If the non-Federal entity asserts within seven calendar days to the Federal awarding agency who posted the information, that some of the information made publicly available is covered by a disclosure exemption under the Freedom of Information Act, the Federal



Norman, Yolande <ynorman@osmre.gov>

Fwd: Grants and Cooperative Agreements

1 message

Richardson, Yetunde <yrichardson@osmre.gov>
To: Yolande Norman <ynorman@osmre.gov>

Thu, Aug 10, 2017 at 6:45 AM

----- Forwarded message -----

From: **Davis, Landon** <landon_davis@ios.doi.gov>
Date: Wed, Aug 9, 2017 at 5:23 PM
Subject: Grants and Cooperative Agreements
To: Glenda Owens <gowens@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, Sterling Rideout <srideout@osmre.gov>
Cc: Katharine Macgregor <katharine_macgregor@ios.doi.gov>, Joshua Campbell <joshua.campbell@sol.doi.gov>

Hi Glenda--

As you know, the Secretary has ordered a department-wide freeze or hold on all activity involving grants and or cooperative agreements over \$100,000. This order was given several months ago. The purpose for this directive is to allow the new administration to conduct a review of these same projects to assess their relationship with DOI. The NAS in grant/cooperative agreement #S16AC20034 was awarded over \$1 Million effective 8/4/16, with the projected completion date 7/31/18 with NAS having to make approved draw-downs on this award. This award was made under the authority of SMCRA.

Apparently, NAS has approximately \$900,000 of this award that has not spent. You have told Kate and myself that you would look into the status of this cooperative agreement. As you are aware, OSMRE is facing budgetary strains and we are trying find ways to best steward our limited resources and comply with pre-existing secretarial orders. Importantly, DOI issued a hold order on this grant months ago, as described above. This would include NAS' contracting with third parties. We, however, have seen NAS continue to conduct meetings and other activities involving this grant. They appear to have not complied with the order.

Please confirm that you have instructed NAS to comply with the department-wide hold order by replying to all CC'd on this message.

Thanks!
Tucker

--
Tucker Davis
Department of the Interior
202.706.9403

--

Best Regards,

Yetunde E. Richardson
Grants Management Specialist
Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1951 Constitution Avenue N.W. #125
Washington, D.C. 20240
Phone: (202) 208-2766 Fax: (202) 219-0239



Norman, Yolande <ynorman@osmre.gov>

Halt Letter to NAS

Owens, Glenda <gowens@osmre.gov>

Fri, Aug 18, 2017 at 3:03 PM

To: "Norman, Yolande" <ynorman@osmre.gov>

Cc: "Rideout, Sterling" <srideout@osmre.gov>, Harry Payne <hpayne@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>

Yolande,

Thanks for providing this draft letter, however, the attorney from the Solicitor's Office who sat in on the call I had with Elizabeth Eide is drafting the letter based on our conversation with her. I'll be signing the letter. I am expecting him to send the letter over in draft later this afternoon for my review. Elizabeth gave me the name of two individuals, one of them was her direct supervisor, to whom we should send the letter. I'll let you know when I receive it.

Thanks,
Glenda

[Quoted text hidden]

--

Glenda H. Owens

Deputy Director

U.S. Department of the Interior

Office of Surface Mining Reclamation and Enforcement

(O) 202-208-4006

(F) 202-219-3106

gowens@osmre.gov



Norman, Yolande <ynorman@osmre.gov>

re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

4 messages

Bautista, Jay <jbautista@osmre.gov>

Wed, Jul 12, 2017 at 2:30 PM

To: Glenda Owens <gowens@osmre.gov>

Cc: Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>

Hi Glenda,

Yetunde Richardson received a call from Jim Weiner from the Solicitor's Office. He was calling to ask

While he was appreciative of any guidance that she was able to provide, he was going to continue to look in to this. I am not sure that he is going to call back but she let him know that we inform you that he is looking into it.

Current status of the agreement: OSMRE awarded \$1,003,553 on July 22, 2016. The start date of the agreement is August 1, 2016 and ending July 31, 2018. To date NAS has expended \$251,284.12, about 25% of the award amount. OSMRE has required NAS to submit supporting documentation for every expenditure for approval by staff in the Division of Regulatory Support before releasing funds to them.

Let me know if you have any questions.

Jay Bautista

Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240
(202) 208-7411

2 CFR 200 subsection 200.339.docx
15K**Yolande Norman** <ynorman@osmre.gov>

Wed, Jul 12, 2017 at 2:48 PM

To: Sterling Rideout <srideout@osmre.gov>

Sent from my iPhone

Begin forwarded message:

From: "Bautista, Jay" <jbautista@osmre.gov>**Date:** July 12, 2017 at 12:30:33 PM MDT**To:** Glenda Owens <gowens@osmre.gov>**Cc:** Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>**Subject:** re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

[Quoted text hidden]

2 attachments

2/8/2018

DEPARTMENT OF THE INTERIOR Mail - re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

 **noname.html**
1K

 **2 CFR 200 subsection 200.339.docx**
15K

Yolande Norman <ynorman@osmre.gov>
To: Yetunde Richardson <yrichardson@osmre.gov>
Cc: Jay Bautista <jbautista@osmre.gov>

Thu, Jul 13, 2017 at 10:41 AM

Sent from my iPhone

Begin forwarded message:

From: "Bautista, Jay" <jbautista@osmre.gov>
Date: July 12 2017 at 12:30:33 PM MDT
To: Glenda Owens <gowens@osmre.gov>
Cc: Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>
Subject: re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

[Quoted text hidden]

2 attachments

 **noname.html**
1K

 **2 CFR 200 subsection 200.339.docx**
15K

Bautista, Jay <jbautista@osmre.gov>
To: Yolande Norman <ynorman@osmre.gov>
Cc: "Richardson, Yetunde" <yrichardson@osmre.gov>

Thu, Aug 10, 2017 at 7:57 AM


Jay Bautista
Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240

(202) 208-7411

----- Forwarded message -----

From: Bautista, Jay <jbautista@osmre.gov>
Date: Wed, Jul 12, 2017 at 2:30 PM
Subject: re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)
To: Glenda Owens <gowens@osmre.gov>
Cc: Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>

[Quoted text hidden]

 **2 CFR 200 subsection 200.339.docx**
15K

Excerpt from the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards. Title 2.

§200.339 Termination.

(a) The Federal award may be terminated in whole or in part as follows:

(1) By the Federal awarding agency or pass-through entity, if a non-Federal entity fails to comply with the terms and conditions of a Federal award;

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awarding agency who posted the information must remove the posting within seven calendar days of receiving the assertion. Prior to reposting the releasable information, the Federal agency must resolve the issue in accordance with the agency's Freedom of Information Act procedures.

(c) When a Federal award is terminated or partially terminated, both the Federal awarding agency or pass-through entity and the non-Federal entity remain responsible for compliance with the requirements in §§200.343 Closeout and 200.344 Post-closeout adjustments and continuing responsibilities.

[78 FR 78608, Dec. 26, 2013, as amended at 80 FR 43309, July 22, 2015]



Norman, Yolande <ynorman@osmre.gov>

re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

4 messages

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Wed, Jul 12, 2017 at 2:30 PM

To: Glenda Owens <gowens@osmre.gov>

Cc: Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>

Hi Glenda,

Yetunde Richardson received a call from Jim Weiner from the Solicitor's Office. He was calling because [REDACTED]

While he was appreciative of any guidance that she was able to provide, he was going to continue to look in to this. I am not sure that he is going to call back but she let him know that we inform you that he is looking into it.

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Let me know if you have any questions.

Jay Bautista

Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240
(202) 208-7411

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2 attachments

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Norman, Yolande <ynorman@osmre.gov>

Fwd: Grants and Cooperative Agreements

1 message

Richardson, Yetunde <yrichardson@osmre.gov>
To: Yolande Norman <ynorman@osmre.gov>

Thu, Aug 10, 2017 at 6:45 AM

----- Forwarded message -----

From: **Davis, Landon** <landon_davis@ios.doi.gov>
Date: Wed, Aug 9, 2017 at 5:23 PM
Subject: Grants and Cooperative Agreements
To: Glenda Owens <gowens@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, Sterling Rideout <srideout@osmre.gov>
Cc: Katharine Macgregor <katharine_macgregor@ios.doi.gov>, Joshua Campbell <joshua.campbell@sol.doi.gov>

Hi Glenda--

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Please confirm that you have instructed NAS to comply with the department-wide hold order by replying to all CC'd on this message.

Thanks!
Tucker

--

Tucker Davis
Department of the Interior
202.706.9403

--

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1951 Constitution Avenue N.W. #125
Washington, D.C. 20240
Phone: (202) 208-2766 Fax: (202) 219-0239



Norman, Yolande <ynorman@osmre.gov>

Fwd: NAS Study Halt - Cooperative Agreement No. S16AC20034

1 message

Owens, Glenda <gowens@osmre.gov>

Fri, Aug 18, 2017 at 5:48 PM

To: Sterling Rideout <srideout@osmre.gov>, Harry Payne <hpayne@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

FYI

----- Forwarded message -----

From: Owens, Glenda <gowens@osmre.gov>

Date: Fri, Aug 18, 2017 at 5:42 PM

Subject: NAS Study Halt - Cooperative Agreement No. S16AC20034

To: "Eide, Elizabeth" <EEide@nas.edu>

Cc: gsymmes@nas.edu, ddenning@nas.edu, "Campbell, Joshua" <joshua.campbell@sol.doi.gov>

Dear Dr. Eide,

Attached is a letter memorializing our conversation earlier today regarding our request that you halt all activities under the subject Cooperative Agreement, effective immediately.

Please feel free to contact me if you have any additional questions.

Sincerely,
Glenda Owens

--

Glenda H. Owens

Deputy Director

U.S. Department of the Interior

Office of Surface Mining Reclamation and Enforcement

(O) 202-208-4006

(F) 202-219-3106

gowens@osmre.gov

NAS Study Halt Letter - 8-18-17 (1).pdf
42K



United States Department of the Interior

OFFICE OF SURFACE MINING
RECLAMATION AND ENFORCEMENT
Washington, D.C. 20240



August 18, 2017

Sent via Email and Regular U.S. Mail

Elizabeth A. Eide, Ph.D.
Senior Board Director
Board on Earth Sciences and Resources
Water Science and Technology Board
The National Academies of Sciences, Engineering, and Medicine
500 Fifth St., NW
Washington, DC 20001
EEide@nas.edu

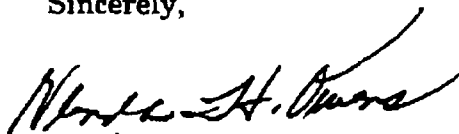
Dear Dr. Eide:

It was a pleasure speaking with you earlier today, and thank you for being available to take our call and email us the additional contact information. As discussed, the Department of the Interior has begun an agency-wide review of its grants and cooperative agreements in excess of \$100,000, largely as a result of our changing budget situation. Thank you for agreeing to cease all activities under Cooperative Agreement number S16AC20034, effective immediately, and until further notice. This immediate cessation includes any third party activities and/or contracting as well.

As discussed, NAS has already scheduled, and funds have been obligated to specific vendors for, an event ranging from August 21 - 23, 2017. Because we do not expect these expenses to be excessive, this three day event may proceed as planned as an exception to this direction. As we further discussed, any later-resulting staff expenses associated with processing reimbursements related to the work occurring during those same three days, which we expect to be relatively minimal, e.g., travel reimbursements, also may be incurred.

Please feel free to call us with any additional questions you may have about this direction as we are performing our review.

Sincerely,

A handwritten signature in black ink, appearing to read "Glenda H. Owens", with a stylized, flowing script.

Glenda H. Owens
Acting Director

cc: Dr. Gregory Symmes, gsymmes@nas.edu
Mr. Douglas Denning, ddenning@nas.edu

Grant and Cooperative Agreement

CHOOSE ONE:

- ☒ COOPERATIVE AGREEMENT
- ☐ GRANT

CHOOSE ONE:

☐ EDUCATION☐ FACILITIES☐ RESEARCH☐ SDCR☐ TRAINING

1. GRANT/COOPERATIVE AGREEMENT NUMBER S16AC20034		2. SUPPLEMENT NUMBER 0001		3. EFFECTIVE DATE 08/04/2016		4. COMPLETION DATE 07/31/2018	
5. ISSUED TO NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip) NATIONAL ACADEMY OF SCIENCES Attn: ATTN GOVERNMENT POC 2101 CONSTITUTION AVE NW WASHINGTON DC 20418-0007				6. ISSUED BY OSM FA Program Support, Washington Mailing Address: 1951 Constitution Ave NW Washington DC 20240-0001			
7. TAXPAYER IDENTIFICATION NO. (TIN)				9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone) Douglas Denning 202-334-1422, ddenning@nas.edu			
8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO.							
10. RESEARCH, PROJECT OR PROGRAM TITLE FA DC FY2016 AS							
11. PURPOSE 15.255 Applied Science Program Cooperative Agreements Related to Coal Mining and Reclamation							
12. PERIOD OF PERFORMANCE (Approximately) 08/01/2016 through 07/31/2018							
13A.		AWARD HISTORY		13B.		FUNDING HISTORY	
PREVIOUS		\$1,003,553.00		PREVIOUS		\$1,003,553.00	
THIS ACTION		\$0.00		THIS ACTION		\$0.00	
CASH SHARE		\$0.00		TOTAL		\$1,003,553.00	
NON-CASH SHARE		\$0.00					
RECIPIENT SHARE		\$0.00					
TOTAL		\$1,003,553.00					
14. ACCOUNTING AND APPROPRIATION DATA							
PURCHASE REQUEST NO.		JOB ORDER NO.		AMOUNT		STATUS	
15. POINTS OF CONTACT							
	NAME	MAIL STOP	TELEPHONE	E-MAIL ADDRESS			
TECHNICAL OFFICER	Joshua Rockwell		202-208-2633	jrockwell@osmre.gov			
NEGOTIATOR							
ADMINISTRATOR	Yetunde Richardson		(202) 208-2766	yrichardson@osmre.gov			
PAYMENTS							
16. THIS AWARD IS MADE UNDER THE AUTHORITY OF: The Surface Mining Control and Reclamation Act of 1977 (P.L. 95-87) as amended							
17. APPLICABLE STATEMENT(S), IF CHECKED: <input type="checkbox"/> NO CHANGE IS MADE TO EXISTING PROVISIONS <input type="checkbox"/> FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC REQUIREMENTS APPLY TO THIS GRANT				18. APPLICABLE ENCLOSURE(S), IF CHECKED: <input type="checkbox"/> PROVISIONS <input type="checkbox"/> SPECIAL CONDITIONS <input type="checkbox"/> REQUIRED PUBLICATIONS AND REPORTS			
UNITED STATES OF AMERICA				COOPERATIVE AGREEMENT RECIPIENT			
CONTRACTING/GRANT OFFICER Yetunde Richardson		DATE 08/04/2016		AUTHORIZED REPRESENTATIVE		DATE	

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>CFDA Number: 15.255</p> <p>DUNS Number: 041964057</p> <p>The following are incorporated into this agreement by reference:</p> <ol style="list-style-type: none"> 1. Your complete application for this assistance agreement, including amendments to the application. 2. The Surface Mining Control and Reclamation Act of 1977 (P.L. 95-87) as amended. 3. OSMRE's Federal Assistance Manual, directive GMT-10. 4. The standard Department of Interior Financial Assistance terms and conditions for this award are incorporated herein by reference with the same force and effect as if in full text. The full text can be found at: http://www.doi.gov/pam/programs/financial_assistance/TermsandConditions.cfm or can be obtained by contacting the Financial Assistance Administrator. 5. Recipient Employee Whistleblower Rights and Requirement to Inform Employees of Whistleblower Rights (Sep 2013) <p>(a) This award and employees working on this financial assistance agreement will be subject to the whistleblower rights and remedies in the pilot program on Award Recipient employee whistleblower protections established at 41 U.S.C. 4712 by section 828 of the National Defense Authorization Act for Fiscal Year 2013 (Pub. L. 112-239).</p> <p>(b) The Award Recipient shall inform its</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>employees in writing, in the predominant language of the workforce, of the employee whistleblower rights and protections under 41 U.S.C. 4712.</p> <p>(c) The Award Recipient shall insert the substance of this clause, including this paragraph (c), in all subawards or subcontracts over the simplified acquisition threshold. 42 CFR 52.203-17 (as referenced in 42 CFR 3.908-9).</p> <p>6. In accordance with Chapter 3-120 of the Federal Assistance Manual, you must obtain our approval before you provide financial assistance to a third party by subgrant or other means. Once we have given our approval, you must update the Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS), accordingly.</p> <p>7. The Recipient must establish safeguards to prohibit its employees and Subrecipients from using their positions for purposes that constitute or present the appearance of a personal or organizational conflict of interest. The Recipient is responsible for notifying the grants officer in writing of any actual or potential conflicts of interest that may arise during the life of this award. Conflicts of interest include any relationship or matter, which might place the Recipient or its employees in a position of conflict, real or apparent, between their responsibilities under the agreement and any other outside interests. Conflicts of interest may also include, but are not limited to, direct or indirect financial interests, close personal relationship, positions of trust in outside organizations, consideration of future employment arrangements with a</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>different organization, or making a decision affecting the award that a reasonable person with knowledge of the relevant facts would question the Recipient and/or Recipients employees and Subrecipients impartiality in the matter.</p> <p>The grants officer and the servicing ethics counselor will determine if a conflict of interest exists. If a conflict of interest exists, the grants officer will determine whether a mitigation plan is feasible. Mitigation plans must be approved by the grants officer in writing. Failure to resolve conflicts of interest in a manner that satisfies the government may be cause for termination of the award.</p> <p>With certain exceptions found in Chapter 2-260 of the Federal Assistance Manual, you must keep these records for three years starting on the day you send us your final expenditure report to close the assistance agreement.</p> <p>This agreement takes effect at the time of approval by the Director of OSMRE or his authorized delegate. The recipient accepts the agreement including the terms and conditions by starting work or making its first request for Federal funds approved under this agreement.</p> <p>OSMRE INVOLVEMENT (Substantial Federal Involvement)</p> <p>We reserve the option to halt any portion of or the entire project immediately if warranted. Examples include if project protocols or specifications are not followed or met. We will also closely monitor performance to provide</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>specific direction or redirection of the project work. Our involvement may be modified if mutually agreed upon by both parties.</p> <p>LIST OF DELIVERABLES</p> <p>Potential Human Health of Surface Coal Mine Operations in Central Appalachia</p> <p>OSMRE Deliverables</p> <ol style="list-style-type: none"> OSMRE Office of Communications will coordinate with NAS Public Affairs to provide media releases and announce other information to stakeholders of this project. Attend open meetings and briefings as necessary. Review and accept quarterly reports submitted by NAS. Review and approve each financial drawdown requested by NAS. Disseminate hard-copy books of the final report to government offices and other stakeholders. <p>National Academies of Sciences Deliverables</p> <ol style="list-style-type: none"> NAS Public Affairs will coordinate with OSMRE Office of Communications to provide media releases and announce other information to stakeholders of this project. Announce committee members, a brief description of the project, and other information <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>to afford the public greater knowledge of this project and an opportunity to provide comments.</p> <p>3. Prepare and submit a quarterly financial (SF-425) and programmatic report within 30 days of the end of each calendar quarter as outlined in 2 CFR 200.327 and 2 CFR 200.328. Calendar quarters are as follows: September 30, December 31, March 31, and June 30. (For example, the first quarter would cover the partial quarter ending on September 30, 2016 and the corresponding quarterly report must be submitted to OSMRE by October 30, 2016)</p> <p>4. Coordinate and administer four open meetings to gather stakeholder input</p> <p>5. Conduct five closed session meetings for deliberation and report writing</p> <p>6. Prepare and deliver a prepublication report to OSMRE within 18 months of study initiation</p> <p>7. Submit advance copies (under embargo) of the prepublication report to OSMRE and interested members of Congress several days in advance of the public release</p> <p>8. Conduct separate pre-release briefings about the preliminary report to both OSMRE and interested members of Congress (ideally on the same day) during the embargo period</p> <p>9. Prepare and release the preliminary report of findings to OSMRE and the public.</p> <p>16. Make the preliminary report available free on publishers website.</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>10. Coordinate and administer a public briefing in West Virginia following the public release of the preliminary report</p> <p>11. Prepare and submit 400 hard-copy books of the final report within six months after the release of the prepublication draft of the report, along with a non-technical summary of the report for public education purposes. Make the report available free on publishers website.</p> <p>OSMRE PRE-APPROVAL OF DRAWDOWNS</p> <p>1. Funds awarded in this cooperative agreement are subject to OSMRE review and pre-approval prior to disbursement. Supporting documentation must be submitted to us, upon request.</p> <p>Legacy Doc #: OSM</p> <p>LIST OF CHANGES:</p> <p>Total Amount for this Modification: \$0.00</p> <p>New Total Amount for this Version: \$0.00</p> <p>New Total Amount for this Award: \$1,003,553.00</p> <p>Revised Cooperative Agreement Terms and Conditions</p> <p>Section A: Clause, 1, is incorporated as follows:</p> <p>1 Standard DOI FA Terms and Conditions</p> <p>1 Standard DOI FA Terms and Conditions.</p> <p>Assistance award from the Department of the Interior (DOI) carries with it the responsibility to be aware of and comply with the terms and conditions of award. Acceptance is defined as the start of work, drawing down funds, or accepting the award via electronic means. Awards are based on the application submitted to, and as approved by DOI and are subject to the terms and</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>conditions incorporated either directly or by reference in the following:</p> <p>Program legislation\regulation.</p> <p>Special terms and conditions.</p> <p>Code of Federal Regulations/Regulatory Requirements, as applicable (Contact your program officer with any questions regarding the applicability of the following):</p> <p>2 CFR Part 25 Central Contractor Registration and Data Universal Numbering System</p> <p>2 CFR Part 170 Reporting Subawards and Executive Compensation</p> <p>2 CFR Part 1400 Governmentwide Debarment and Suspension (Nonprocurement)</p> <p>2 CFR Part 175 Trafficking Victims Protection Act of 2000</p> <p>43 CFR 12(A) Administrative and Audit Requirements and Cost Principles for Assistance Programs</p> <p>43 CFR 12(E) Buy American Requirements for Assistance Programs</p> <p>43 CFR 12(C) Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local</p> <p>43 CFR 12(F) Uniform Administrative Requirements for Grants and Cooperative Agreements with Institutions of Higher Education, Hospitals, other Non-Profit and Commercial Organizations</p> <p>43 CFR 43 Governmentwide Requirements for a Drug-Free Workplace</p> <p>43 CFR 18 New Restrictions on Lobbying</p> <p>Period of Performance: 08/01/2016 to 07/31/2018</p> <p>ADMIN CHANGE OF TERMS</p>				

Grant and Cooperative Agreement

CHOOSE ONE:

- ☐ COOPERATIVE AGREEMENT
- ☒ GRANT

CHOOSE ONE:

☐ EDUCATION☐ FACILITIES☒ RESEARCH☐ SDCR☐ TRAINING

1. GRANT/COOPERATIVE AGREEMENT NUMBER S16AC20034		2. SUPPLEMENT NUMBER		3. EFFECTIVE DATE 08/01/2016		4. COMPLETION DATE 07/31/2018	
5. ISSUED TO NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip) NATIONAL ACADEMY OF SCIENCES Attn: ATTN GOVERNMENT POC 2101 CONSTITUTION AVE NW WASHINGTON DC 20418-0007				6. ISSUED BY OSM FA Program Support, Washington Mailing Address: 1951 Constitution Ave NW Washington DC 20240-0001			
				9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone) Douglas Denning 202-334-1422, ddenning@nas.edu			
7. TAXPAYER IDENTIFICATION NO. (TIN)							
8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO.							
10. RESEARCH, PROJECT OR PROGRAM TITLE FA, DC FY2016, AS							
11. PURPOSE Applied Science							
12. PERIOD OF PERFORMANCE (Approximately) 08/01/2016 through 07/31/2018							
13A.		AWARD HISTORY		13B.		FUNDING HISTORY	
PREVIOUS		\$0.00		PREVIOUS		\$0.00	
THIS ACTION		\$1,003,553.00		THIS ACTION		\$1,003,553.00	
CASH SHARE		\$0.00		TOTAL		\$1,003,553.00	
NON-CASH SHARE		\$0.00					
RECIPIENT SHARE		\$0.00					
TOTAL		\$1,003,553.00					
14. ACCOUNTING AND APPROPRIATION DATA 01							
PURCHASE REQUEST NO.		JOB ORDER NO.		AMOUNT		STATUS	
0020107378							
15. POINTS OF CONTACT							
	NAME	MAIL STOP	TELEPHONE	E-MAIL ADDRESS			
TECHNICAL OFFICER	Joshua Rockwell		202-208-2633	jrockwell@osmre.gov			
NEGOTIATOR							
ADMINISTRATOR	Yetunde Richardson		(202) 208-2766	yrichardson@osmre.gov			
PAYMENTS							
16. THIS AWARD IS MADE UNDER THE AUTHORITY OF: The Surface Mining Control and Reclamation Act of 1977 (P.L. 95-87) as amended							
17. APPLICABLE STATEMENT(S), IF CHECKED:				18. APPLICABLE ENCLOSURE(S), IF CHECKED:			
<input type="checkbox"/> NO CHANGE IS MADE TO EXISTING PROVISIONS				<input type="checkbox"/> PROVISIONS <input type="checkbox"/> SPECIAL CONDITIONS			
<input type="checkbox"/> FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC REQUIREMENTS APPLY TO THIS GRANT				<input type="checkbox"/> REQUIRED PUBLICATIONS AND REPORTS			
UNITED STATES OF AMERICA				COOPERATIVE AGREEMENT RECIPIENT			
CONTRACTING/GRANT OFFICER Yetunde Richardson		DATE		AUTHORIZED REPRESENTATIVE		DATE	

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>CFDA Number: 15.255</p> <p>DUNS Number: 041964057</p> <p>The following are incorporated into this agreement by reference:</p> <ol style="list-style-type: none"> 1. Your complete application for this assistance agreement, including amendments to the application 2. The Surface Mining Control and Reclamation Act of 1977 (P.L. 95-87) as amended 3. OSM grant regulations (Code of Federal Regulations: 30 CFR Chapter VII, Parts 725, 735, 795, 870-887) 4. Your approved regulatory and/or reclamation program as listed in 30 CFR Chapter VII, Subchapter T. 5. OSM's Federal Assistance Manual, directive GMT-10 6. The standard Department of Interior Financial Assistance terms and conditions for this award are incorporated herein by reference with the same force and effect as if in full text. The full text can be found at: http://www.doi.gov/pam/programs/financial_assistance/TermsandConditions.cfm or can be obtained by contacting the Financial Assistance Administrator. 7. Recipient Employee Whistleblower Rights and Requirement to Inform Employees of Whistleblower Rights (Sep 2013) <p>(a) This award and employees working on this financial assistance agreement will be subject to the whistleblower rights and remedies in the pilot program on Award Recipient employee whistleblower protections established at 41 U.S.C. 4712 by section 828 of the National Defense Authorization Act for Fiscal Year 2013 (Pub. L. 112-239).</p> <p>(b) The Award Recipient shall inform its employees in writing, in the predominant language</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>of the workforce, of the employee whistleblower rights and protections under 41 U.S.C. 4712.</p> <p>(c) The Award Recipient shall insert the substance of this clause, including this paragraph (c), in all subawards or subcontracts over the simplified acquisition threshold. 42 CFR Â\$ 52.203-17 (as referenced in 42 CFR Â\$ 3.908-9).</p> <p>8. In accordance with Chapter 3-120 of the Federal Assistance Manual, you must obtain our approval before you provide financial assistance to a third party by subgrant or other means. Once we have given our approval, you must update the Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS), accordingly.</p> <p>9. The Recipient must establish safeguards to prohibit its employees and Subrecipients from using their positions for purposes that constitute or present the appearance of a personal or organizational conflict of interest. The Recipient is responsible for notifying the grants officer in writing of any actual or potential conflicts of interest that may arise during the life of this award. Conflicts of interest include any relationship or matter which might place the Recipient or its employees in a position of conflict, real or apparent, between their responsibilities under the agreement and any other outside interests. Conflicts of interest may also include, but are not limited to, direct or indirect financial interests, close personal relationship, positions of trust in outside organizations, consideration of future employment arrangements with a different organization, or making a decision affecting the award that a reasonable person with knowledge of the relevant facts would question the Recipient</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

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				UNIT PRICE (E)	AMOUNT (F)
	<p>and/or Recipients employees and Subrecipients impartiality in the matter.</p> <p>The grants officer and the servicing ethics counselor will determine if a conflict of interest exists. If a conflict of interest exists, the grants officer will determine whether a mitigation plan is feasible. Mitigation plans must be approved by the grants officer in writing. Failure to resolve conflicts of interest in a manner that satisfies the government may be cause for termination of the award.</p> <p>With certain exceptions found in Chapter 2-260 of the Federal Assistance Manual, you must keep these records for three years starting on the day you send us your final expenditure report to close the assistance agreement.</p> <p>This agreement takes effect at the time of approval by the Director of OSM or his authorized delegate. The recipient accepts the agreement including the terms and conditions by starting work or making its first request for Federal funds approved under this agreement.</p> <p>OSMRE INVOLVEMENT (substantial federal involvement)</p> <p>We reserve the option to halt any portion of or the entire project immediately if warranted.</p> <p>Examples include if project protocols or specifications are not followed or met.</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

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				UNIT PRICE (E)	AMOUNT (F)
	<p>We will also closely monitor performance to provide specific direction or redirection of the project work.</p> <p>Our involvement may be modified if mutually agreed upon by both parties.</p> <p>LIST OF DELIVERABLES</p> <p>(Potential Human Health of Surface Coal Mine Operations in Central Appalachia)</p> <p>OSMRE Deliverables</p> <ul style="list-style-type: none"> • OSMRE Office of Communications will coordinate with NAS Public Affairs to provide media releases and announce other information to stakeholders of this project • Attend open meetings and briefings as necessary • Review and accept quarterly reports submitted by NAS • Review and approve each financial drawdown requested by NAS • Review preliminary report and promptly notify NAS of any comments unrelated to the overall findings of the committee • Disseminate hard-copy books of the final report to government offices and other stakeholders <p>National Academies of Sciences Deliverables</p> <ul style="list-style-type: none"> • NAS Public Affairs will coordinate with OSMRE Office of Communications to provide media <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>releases and announce other information to stakeholders of this project</p> <p>â€¢ Announce committee members, a brief description of the project, and other information to afford the public greater knowledge of this project and an opportunity to provide comments</p> <p>â€¢ Prepare and submit a quarterly financial (SF-425) and programmatic report within 30 days of the end of each calendar quarter as outlined in 2 CFR Â§ 200.327 and 2 CFR Â§ 200.328. Calendar quarters are as follows: September 30, December 31, March 31, and June 30. (For example, the first quarter would cover the partial quarter ending on September 30, 2016 and the corresponding quarterly report must be submitted to OSMRE by October 30, 2016)</p> <p>â€¢ Coordinate and administer four open meetings to gather stakeholder input</p> <p>â€¢ Conduct five closed session meetings for deliberation and report writing</p> <p>â€¢ Prepare and deliver a prepublication report to OSMRE within 18 months of study initiation</p> <p>â€¢ Submit advance copies (under embargo) of the prepublication report to OSMRE and interested members of Congress several days in advance of the public release</p> <p>â€¢ Conduct separate pre-release briefings about the preliminary report to both OSMRE and interested members of Congress (ideally on the same day) during the embargo period</p> <p>â€¢ Prepare and release the preliminary report of findings to OSMRE and the public. Make the preliminary report available for free on publisher's website</p> <p>â€¢ Coordinate and administer a public briefing in West Virginia following the public release of the preliminary report</p> <p>â€¢ Prepare and submit 400 hard-copy books of the Continued ...</p>				

Grant and Cooperative Agreement

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				UNIT PRICE (E)	AMOUNT (F)
	<p>final report within six months after the release of the prepublication draft of the report, along with a non-technical summary of the report for public education purposes. Make the report available for free on publisher's website.</p> <p>OSMRE PRE-APPROVAL OF DRAWDOWNS</p> <p>Funds awarded in this cooperative agreement are subject to OSMRE review and pre-approval prior to disbursement. Supporting documentation must be submitted to us, upon requested.</p> <p>Legacy Doc #: OSM</p> <p>Delivery: 07/31/2018</p> <p>Delivery Location Code: 0003820475</p> <p>OSM, Headquarters</p> <p>1951 Constitution Ave, NW</p> <p>Washington DC 20240 US</p> <p>Account Assignment: K G/L Account: 6100.411C0</p> <p>Business Area: S000 Commitment Item: 411C00 Cost Center: SS03700000 Functional Area: S1T1T0000.1T4610 Fund: 156S180110 Fund Center: SS03700000 Project/WBS: SX.461 PR Acct Assign Line: 01</p> <p>Period of Performance: 08/01/2016 to 07/31/2018</p>				
00010	<p>FA DC FY 2016 AS NAS</p> <p>Obligated Amount: \$1,003,553.00</p> <p>The total amount of award: \$1,003,553.00. The obligation for this award is \$1,003,553.00.</p>				1,003,553.00



Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - Award No. S16AC20034

1 message

Rockwell, Joshua <jrockwell@osmre.gov>

Mon, Dec 19, 2016 at 8:35 AM

To: Kimberly Harper <kharper@osmre.gov>, "Bautista, Jay" <jbautista@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, "Kuhns, Michael F. Mick" <mkuhns@osmre.gov>

All:

Mick and I have reviewed NAS's request for a drawdown in the amount of \$17,771.11. We approve their request.

Based upon recent meetings with NAS, the process will be that they will send Mick and I a requested amount and justification. Once we approve, they will then initiate the drawdown. So, when you see the drawdown for \$17,771, it is approved.

See message strings below.

Thank you,
Josh

----- Forwarded message -----

From: **Rockwell, Joshua** <jrockwell@osmre.gov>

Date: Mon, Dec 19, 2016 at 8:30 AM

Subject: Re: NAS Drawdown Request - Award No. S16AC20034

To: "Rogers, Nicholas" <NRogers@nas.edu>

Cc: Michael Kuhns <mkuhns@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Mick and I have reviewed your request for this drawdown.

We approve your request.

Thank you,
Josh

On Fri, Dec 16, 2016 at 9:32 AM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Good Morning Josh and Mick,

We are sending the next drawdown request for your approval.

NAS Drawdown request for \$17,771.11:

\$14,339.58 for labor and associated costs related to the nominations and vetting process of prospective members.

\$3,431.53 for labor and associated costs related to background research and data collection.

Total request \$17,771.11

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: @NASEarth

Facebook

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Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - April 2017 - Award No. S16AC20034

6 messages

Kuhns, Michael <mkuhns@osmre.gov>

Wed, May 17, 2017 at 10:58 AM

To: Kimberly Harper <kharper@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>

Cc: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

All:

Josh and I have reviewed NAS's recent drawdown request for April in the amount of \$29,986.99, and approve their request.

According to my records, this represents a total draw of \$175,364.61 (29% of Year 1 monies) since their first billing in September 2016.

See message strings below.

Thank you,

Mick

----- Forwarded message -----

From: **Kuhns, Michael** <mkuhns@osmre.gov>

Date: Wed, May 17, 2017 at 10:53 AM

Subject: Re: NAS Drawdown Request - April 2017 - Award No. S16AC20034

To: "Rogers, Nicholas" <NRogers@nas.edu>

Cc: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, Michael Kuhns <mkuhns@osmre.gov>

Nicholas,

Josh and I have reviewed your drawdown request for April expenses, and we approve your request.

Thank you,

Mick

On Mon, May 15, 2017 at 5:41 PM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Good Afternoon Mick and Josh,

This is the draw request for April's activities:

\$25,485.77 for labor and associated costs related to following up on Meeting 1 (DC), planning Meeting 2 (WV) with the staff and committee, and for background research for meeting materials and report.

\$3,484.88 for partial travel expenses for committee members to Meeting 1 plus its associated costs (some committee travel on last draw)

\$949.70 for meeting costs for Meeting 1, plus its associated costs.

\$66.64 for other direct costs (conference calls with committee/staff), plus its associated costs.

\$29,986.99 April Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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Bautista, Jay <jbautista@osmre.gov>

Wed, May 17, 2017 at 11:04 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: Kimberly Harper <kharper@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Have they drawn down the funds? I don't want to act on this approval unless they have.

Jay Bautista

Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240

(202) 208-7411

[Quoted text hidden]

Harper, Kimberly <kharper@osmre.gov>

Wed, May 17, 2017 at 5:18 PM

To: "Bautista, Jay" <jbautista@osmre.gov>

Cc: "Kuhns, Michael" <mkuhns@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Certifying officers are not seeing a pending request in ASAP yet.

[Quoted text hidden]

—
Kimberly Harper-Taylor

Grants Financial Specialist
Office of Surface Mining Reclamation & Enforcement
303-236-0330 x273
kharper@osmre.gov

Kuhns, Michael <mkuhns@osmre.gov>

Thu, May 18, 2017 at 9:44 AM

To: "Harper, Kimberly" <kharper@osmre.gov>

Cc: "Bautista, Jay" <jbautista@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Kim,

I am waiting to hear back from Jay about this --- as I am unsure what the sequence should be in handling this drawdown request.

Mick

[Quoted text hidden]

Bautista, Jay <jbautista@osmre.gov>

Fri, May 19, 2017 at 8:48 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: "Harper, Kimberly" <kharper@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Mick and Josh,

It is all fine and dandy for you to approve NAS draw down requests, but we can't act on anything that has not been formally requested in ASAP by NAS. It seems to me that the best way for these transactions to happen is for NAS to draw the funds and concurrently send you a request to approve their draw down request. Once you approve, then we can take it from there.

Let me know if you have any questions.

Jay Bautista

Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240

(202) 208-7411

[Quoted text hidden]

Harper, Kimberly <kharper@osmre.gov>

Fri, May 19, 2017 at 9:50 AM

To: "Bautista, Jay" <jbautista@osmre.gov>

Cc: "Kuhns, Michael" <mkuhns@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Hello everyone,

In ASAP if an recipient is on Agency Review, when they put in a draw down request ASAP will let the certifying officers know that there is a pending request. Once they see this request, they let me know. I use your emails of approve to verify the grant, amount and recipient is correct (since we have several recipients on agency review). If everything matches, then I let the certifying officers know to certify the grant pending request.

Until a request from the recipient is made in ASAP, there is nothing that I can do, even if there is an approved request. It is on the recipient to make the request in ASAP. I am not sure what your process is before the request. Last time it took almost a week after the approval at OSM before we saw the request show up in ASAP.

I hope that this helps explain the process on our side.

Let me know if you have any questions.

I have asked our certifying officers to check again today to see if there is any pending requests.

Thanks,
Kimberly

[Quoted text hidden]



Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - February 2017 - Award No. S16AC20034

1 message

Rockwell, Joshua <jrockwell@osmre.gov>

Mon, Feb 6, 2017 at 10:41 AM

To: Kimberly Harper <kharper@osmre.gov>, "Bautista, Jay" <jbautista@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>

Cc: "Kuhns, Michael F. Mick" <mkuhns@osmre.gov>, "Payne, Harry J." <hpayne@osmre.gov>

Kimberly:

Mick and I have reviewed the NAS drawdown request below. Mick and I approve of NAS's request and the request may be allowed upon your receipt.

Thank you,
Josh

----- Forwarded message -----

From: **Rogers, Nicholas** <NRogers@nas.edu>

Date: Fri, Feb 3, 2017 at 4:04 PM

Subject: NAS Drawdown Request - February 2017 - Award No. S16AC20034

To: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

Cc: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Josh and Mick,

This is the next NAS Drawdown request for \$22,478.28:

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting 1 with the membership meetings and background research for meeting materials.

\$ 8.89 for other direct costs (photocopying and long distance phone calls) plus its associated costs.

Total request \$22,478.28 is through expenses thru January 20, 2016.

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: @NASEarth

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Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - January 2017 - Award No. S16AC20034

1 message

Rockwell, Joshua <jrockwell@osmre.gov>

Wed, Jan 11, 2017 at 7:48 AM

To: Kimberly Harper <kharper@osmre.gov>, "Bautista, Jay" <jbautista@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, "Payne, Harry J." <hpayne@osmre.gov>

All:

Mick and I have reviewed the drawdown request from NAS (see message strings below). We have approved the request for \$22,204.08. When you see the request for this amount of money, you may release the funds to NAS.

Thank you,
Josh

----- Forwarded message -----

From: **Rockwell, Joshua** <jrockwell@osmre.gov>

Date: Wed, Jan 11, 2017 at 7:46 AM

Subject: Re: NAS Drawdown Request - January 2017 - Award No. S16AC20034

To: "Rogers, Nicholas" <NRogers@nas.edu>

Cc: Michael Kuhns <mkuhns@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Mick and I have reviewed your request and approve a drawdown in the amount of \$22,204.08.

Thank you,
Josh

On Tue, Jan 10, 2017 at 3:35 PM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Josh and Mick,

This is the next NAS Drawdown request for \$22,204.08:

\$ 13,713.94 for labor and associated costs related to the nominations and vetting process of prospective members.

\$ 8,424.22 for labor and associated costs related to background research and data collection.

\$ 65.92 for other direct costs (postage and office supplies) plus its associated costs.

Total request \$22,204.08 is through expenses thru December 2016.

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

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Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - June 2017 - Award No. S16AC20034

4 messages

Kuhns, Michael <mkuhns@osmre.gov>

Wed, Aug 2, 2017 at 7:33 AM

To: Kimberly Harper <kharper@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, "Richardson, Yetunde"

<yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Cc: Michael Kuhns <mkuhns@osmre.gov>

Kim:

I have reviewed the drawdown request (below) and approve NAS's request for \$27,072.92 for expenses for June 2017.

According to my calculations, the total amount they will have been paid to date would now become \$278,357.04.

Thank you,

Mick

----- Forwarded message -----

From: **Rogers, Nicholas** <NRogers@nas.edu>

Date: Tue, Aug 1, 2017 at 12:26 PM

Subject: RE: NAS Drawdown Request - June 2017 - Award No. S16AC20034

To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

Cc: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>

Mick and Josh,

This is the draw request for June's activities:

\$9,095.55 for labor and associated costs related to wrapping up Meeting 2 (Logan, WV in May) expenses.

\$2,215.80 for partial travel for committee members to Meeting 2, plus its associated costs.

\$12,033.44 for labor and associated costs related to planning Meeting 3 (Washington, DC in July) and background research for meeting materials.

\$3,728.13 for other direct costs (i.e., postage, ad purchases, supplies and conference calls with committee/staff), plus its associated costs.

\$ 27,072.92 June Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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Kuhns, Michael <mkuhns@osmre.gov>

Wed, Aug 2, 2017 at 7:40 AM

To: Kimberly Harper <kharper@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, "Richardson, Yetunde"

<yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Cc: Michael Kuhns <mkuhns@osmre.gov>

Kim:

I have reviewed the drawdown request (below) and approve NAS's request for \$27,072.92 for expenses for June 2017.

According to my calculations, the total amount they will have been paid to date would nowborah" <DGlickson@nas.edu>

Mick and Josh,

This is the draw request for June's activities:

\$9,095.55 for labor and associated costs related to wrapping up Meeting 2 (Logan, WV in May) expenses.

\$2,215.80 for partial travel for committee members to Meeting 2, plus its associated costs.

\$12,033.44 for labor and associated costs related to planning Meeting 3 (Washington, DC in July) and background research for meeting materials.

\$3,728.13 for other direct costs (i.e., postage, ad purchases, supplies and conference calls with committee/staff), plus its associated costs.

\$ 27,072.92 June Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

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Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - March 2017 - Award No. S16AC20034

3 messages

Kuhns, Michael <mkuhns@osmre.gov>

Wed, Apr 19, 2017 at 10:13 AM

To: Kimberly Harper <kharp@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>

Cc: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

All:

Josh and I have reviewed NAS's recent request for a drawdown in the amount of \$57,448.05 for March 2017. We approve their request.

According to my records, this represents a total draw of \$145,377.62 since their first billing in September 2016.

See message strings below.

Thank you,

Mick

----- Forwarded message -----

From: **Rogers, Nicholas** <NRogers@nas.edu>

Date: Wed, Apr 19, 2017 at 9:34 AM

Subject: RE: NAS Drawdown Request - March 2017 - Award No. S16AC20034

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Good Morning Mick:

Here is the break down. Let me know if you want more detail on the individual travelers:

\$3896.64 is for tickets/fees/G&A for 7 travelers that flew into DC for the meeting. Travel Expense reports for theses7 and the others are pending.

\$0 Meeting expenses – as they take time to cycle through our system and to charge the contract.

Cheers,

Nick

From: Kuhns, Michael [mailto:mkuhns@osmre.gov]

Sent: Wednesday, April 19, 2017 9:22 AM

To: Rogers, Nicholas

Cc: Rockwell, Joshua; Cheran, Ramamani; Glickson, Deborah; Michael Kuhns; Eide, Elizabeth

Subject: Re: NAS Drawdown Request - March 2017 - Award No. S16AC20034

Hi Nicholas,

I am fine with the expenses for this billing cycle, but I would appreciate a further breakdown of how much of the \$3,896.64 for this period was for "partial travel" and how much was for "meeting expense". This would be consistent with the accounting breakdown in the cooperative agreement proposal, and how I am keeping track of expenses by category.

Thanks,

Mick

On Mon, Apr 17, 2017 at 4:39 PM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Good Afternoon Mick and Josh,

This is the draw request for March's activities:

\$53,187.03 for labor and associated costs related to planning Meeting 1, including working with committee members, meeting logistics, and background research.

\$3,896.64 for partial travel and meeting costs for committee members to Meeting 1 (not all committee travel and meeting costs are reflected in this draw; others will follow)

\$364.38 for other direct costs (photocopying and conference calls) plus its associated costs.

\$57,448.05 March Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

Richardson, Yetunde <yrichardson@osmre.gov>

Thu, Aug 10, 2017 at 11:34 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: Kimberly Harper <kharper@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Mick,

Please respond to recipient email approving drawdown request.

[Quoted text hidden]

--

Best Regards,

Yetunde E. Richardson

Grants Management Specialist

Department of the Interior

Office of Surface Mining Reclamation and Enforcement

Division of Reclamation Support

1951 Constitution Avenue N.W. #125

Washington, D.C. 20240

Phone: (202) 208-2766 Fax: (202) 219-0239

Kuhns, Michael <mkuhns@osmre.gov>

Thu, Aug 10, 2017 at 1:02 PM

To: "Rogers, Nicholas" <NRogers@nas.edu>

Cc: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

Josh and I approve of your latest drawdown request. I alerted our finance people on August 2, but did not send an e-mail to you.

Mick

On Thu, Aug 10, 2017 at 11:26 AM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Good Morning Mick and Josh,

I don't believe we received your approval for this draw request.

Kind regards,

Nick

From: Rogers, Nicholas

Sent: Tuesday, August 01, 2017 12:26 PM

To: 'Kuhns, Michael' <mkuhns@osmre.gov>; 'Rockwell, Joshua' <jrockwell@osmre.gov>

Cc: Cheran, Ramamani <RCheran@nas.edu>; Glickson, Deborah <DGlickson@nas.edu>

Subject: RE: NAS Drawdown Request - June 2017 - Award No. S16AC20034

Mick and Josh,

This is the draw request for June's activities:

2/20/2018

DEPARTMENT OF THE INTERIOR Mail - Fwd: NAS Drawdown Request - June 2017 - Award No. S16AC20034

\$9,095.55 for labor and associated costs related to wrapping up Meeting 2 (Logan, WV in May) expenses.

\$2,215.80 for partial travel for committee members to Meeting 2, plus its associated costs.

\$12,033.44 for labor and associated costs related to planning Meeting 3 (Washington, DC in July) and background research for meeting materials.

\$3,728.13 for other direct costs (i.e., postage, ad purchases, supplies and conference calls with committee/staff), plus its associated costs.

\$ 27,072.92 June Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

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Bautista, Jay <jbautista@osmre.gov>

Wed, Apr 19, 2017 at 10:47 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: Kimberly Harper <kharper@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>

NAS needs to draw it down. There's nothing to approve.

Jay Bautista

Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240

(202) 208-7411

----- Forwarded message -----

From: **Harper, Kimberly** <kharper@osmre.gov>

Date: Wed, Apr 19, 2017 at 10:46 AM

Subject: Fwd: NAS Drawdown Request - March 2017 - Award No. S16AC20034

To: Jay Bautista <jbautista@osmre.gov>

We will keep checking, but can't approve anything until they request it.

Thanks,
Kimberly

----- Forwarded message -----

From: **Martinez, Audrey** <amartinez@osmre.gov>

Date: Wed, Apr 19, 2017 at 8:44 AM

Subject: Re: NAS Drawdown Request - March 2017 - Award No. S16AC20034

To: "Harper, Kimberly" <kharper@osmre.gov>

It isn't in ASAP yet

On Wed, Apr 19, 2017 at 8:37 AM, Harper, Kimberly <kharper@osmre.gov> wrote:

Hello,

Please approve this draw down request for \$57,448.05. Let me know if you don't see it in ASAP yet?

Thanks,
Kimberly

[Quoted text hidden]

--

Kimberly Harper-Taylor

Grants Financial Specialist
Office of Surface Mining Reclamation & Enforcement
303-236-0330 x273
kharper@osmre.gov

--

Audrey Martinez
Office of Surface Mining
Department of Interior
303-236-0330 X-260

--

Kimberly Harper-Taylor

Grants Financial Specialist
Office of Surface Mining Reclamation & Enforcement
303-236-0330 x273
kharper@osmre.gov

Kuhns, Michael <mkuhns@osmre.gov>

Wed, Apr 19, 2017 at 11:00 AM

To: "Bautista, Jay" <jbautista@osmre.gov>

Cc: Kimberly Harper <kharper@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

OK. I thought you may have needed to additionally do something to allow them to draw down each time.

Mick

[Quoted text hidden]



Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - Nov 2017 - Award No. S16AC20034

12 messages

Kuhns, Michael <mkuhns@osmre.gov>

Thu, Nov 16, 2017 at 9:30 AM

To: Kimberly Harper <kharp@osmre.gov>

Cc: Jay Bautista <jbautista@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>, Harry Payne <hpayne@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

Kim,

Please note the last paragraph in the NAS e-mail about OSMRE needing to reject an accidental draw request from a replacement accountant (which I have not seen via e-mail and which may not contain the correct amount for the final draw).

I am checking with Josh (on travel) before recommending that we approve the subsequent draw request.

Mick

Michael "Mick" Kuhns, Physical Scientist*U.S. Department of the Interior**Office of Surface Mining Reclamation and Enforcement**1849 C Street NW, Washington, D.C. 20240 Room 4556**Office: (202) 208-2860**mkuhns@osmre.gov*

----- Forwarded message -----

From: **Rogers, Nicholas** <NRogers@nas.edu>

Date: Thu, Nov 16, 2017 at 9:16 AM

Subject: NAS Drawdown Request - Nov 2017 - Award No. S16AC20034

To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

Cc: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Spriggs, Sugi" <SSpriggs@nas.edu>

Josh and Mick,

This draw request is for expenses that have been incurred through today, 11/16/17. These are all the outstanding costs for Meeting 4 along with the labor costs needed to process these expenses. This should be the last draw on expenses incurred.

\$576.68 for labor and associated costs related to reimbursements for meeting 4 expenses.

\$13,585.43 for final travel costs for committee members to meeting 4 plus its associated costs.

\$14,162.11 total

Our usual accountant is out of the country and her replacement accidentally requested the final draw before we were able to send this approval. I believe you will have to reject that request as it was not approved by you all before it was sent and there may have been one final small charge missing. I apologize for the mistake.

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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Rockwell, Joshua <jrockwell@osmre.gov>

Mon, Nov 20, 2017 at 9:26 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: Kimberly Harper <kharper@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Harry Payne <hpayne@osmre.gov>

Kim:

Mick and I have reviewed the draw down request and have approved the NAS request. You may release funds in the amount of \$14,162.11.

v/r

Josh Rockwell

*Mining Engineer/Dam Safety Officer
Office of Surface Mining, Reclamation and Enforcement
Division of Regulatory Support
1849 C. Street, NW, Mail Stop 4550
Washington, DC 20240
(202) 209-2633 work
(410) 456-8042 cell*

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>

Mon, Nov 20, 2017 at 9:29 AM

To: "Rockwell, Joshua" <jrockwell@osmre.gov>

Hello Josh,

Is this the final draw down? If so, we would like to place the grant on hold.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

[Quoted text hidden]

Rockwell, Joshua <jrockwell@osmre.gov>
To: "Richardson, Yetunde" <yrichardson@osmre.gov>

Mon, Nov 20, 2017 at 9:36 AM

According to Nick at NAS it is. Here is what he said in the initial message for this request, "This should be the last draw on expenses incurred."

Josh Rockwell

*Mining Engineer/Dam Safety Officer
Office of Surface Mining, Reclamation and Enforcement
Division of Regulatory Support
1849 C. Street, NW, Mail Stop 4550
Washington, DC 20240
(202) 209-2633 work
(410) 456-8042 cell*

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>
To: "Rockwell, Joshua" <jrockwell@osmre.gov>

Mon, Nov 20, 2017 at 9:38 AM

Okay, thank you. I overlooked that email.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>
To: Kimberly Harper <kharp@osmre.gov>

Mon, Nov 20, 2017 at 9:55 AM

Hi Kimberly,
This was the last draw down request on the NAS Cooperative Agreement. I would like to place the grant on hold. Do you know the procedure involved in this?

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>
To: Kimberly Harper <kharper@osmre.gov>

Tue, Nov 21, 2017 at 9:41 AM

I noticed that here is a hold function in PRISM:

PRISM

Grant Information		
Grant Number: S16AC20034	Stage: Released Modified Award	Obligation: \$0.00
Version: 0001 - Released	Net View: Off	Total Amount without Options: \$0.00
	Number of Items: 0	Total Amount: \$0.00
Hold on Award		

Placing a hold on S16AC20034 will prevent further
procurement activity on this award until the hold is removed.

Are you sure you want to place a hold on S16AC20034 ?

Is it okay to use this function? Thanks in advance.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

[Quoted text hidden]

Harper, Kimberly <kharper@osmre.gov>
To: "Richardson, Yetunde" <yrichardson@osmre.gov>

Tue, Nov 21, 2017 at 11:15 AM

Hello,

It is not recommended to use the HOLD function in PRISM. The BIO has warned us about this functionality before.

What is it that you are trying to accomplish? We already have the grant on agency review. So any draws would have to be approved by the OSM prior to them getting paid.

The only other thing that I can do is temporary suspend the grant. However, we have to have a valid reason why and you have to let the recipient know.

I think more information on what you would like to accomplish would be helpful.

Thanks,
Kimberly

[Quoted text hidden]

--

Kimberly Harper-Taylor

Grants Financial Specialist
Office of Surface Mining Reclamation & Enforcement
303-236-0330 x273
kharper@osmre.gov

Richardson, Yetunde <yrichardson@osmre.gov>
To: "Harper, Kimberly" <kharper@osmre.gov>

Tue, Nov 21, 2017 at 11:25 AM

Hello Kimberly,
Because the NAS cooperative agreement has been halted until further notice, I thought there would be some financial action that needed to take place in the system. If that is not the case, that is fine too. As far as temporarily suspending the grant, the recipient has already been notified that the grant is on hold so that seems like a valid reason to suspend it, but I have never done this before so I am not really sure.

I will at least delete the upcoming milestones associated with the cooperative agreement for now since the recipient is not required to submit any reports to us.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

[Quoted text hidden]

Harper, Kimberly <kharper@osmre.gov>
To: "Richardson, Yetunde" <yrichardson@osmre.gov>

Tue, Nov 21, 2017 at 12:27 PM

Okay, I can suspend it but we are still waiting for the last draw to be requested.

Thanks,
Kimberly

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>
To: "Harper, Kimberly" <kharper@osmre.gov>

Tue, Nov 21, 2017 at 12:29 PM

Great, thank you. I will send the recipient a reminder to request the funds in ASAP.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>
To: NRogers@nas.edu
Bcc: Kimberly Harper <kharper@osmre.gov>

Tue, Nov 21, 2017 at 12:34 PM

Hello,
Your final draw down request has been approved per email below. Please request funds in ASAP.

Thank you.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

----- Forwarded message -----

From: **Rockwell, Joshua** <jrockwell@osmre.gov>
Date: Mon, Nov 20, 2017 at 9:26 AM
Subject: Re: NAS Drawdown Request - Nov 2017 - Award No. S16AC20034
To: "Kuhns, Michael" <mkuhns@osmre.gov>

[Quoted text hidden]



Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

13 messages

Kuhns, Michael <mkuhns@osmre.gov>

Mon, Sep 18, 2017 at 9:31 AM

To: Harry Payne <hpayne@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>

Cc: Michael Kuhns <mkuhns@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Yetunde and Harry,

Since Josh is out of the office this week, I want to make you aware that yesterday afternoon NAS submitted this draw request. This covers expenses through the 9/1/2017 pay period. Whereas the previous requests were for a one-month period, this request covers a two-month period ---- **but also indicates that some outstanding costs for Meeting 3 and 4 will appear on future draw requests.** Approval of this request would bring the total costs to \$407,148.58. The original projected first year cost was \$607K. As you can follow in the attached EXCEL file, despite some additional costs that will be charged in the next draw request(s), the approximate \$200K lower amount billed for the first year is largely from lower costs in the following areas-- travel (\$132K less), meeting costs (\$38K less), technology/communication (\$17K less), and direct labor (\$13K less).

Glenda issued the pause on August 18, but specified that "the three-day August 21-24 event (in Kentucky) may proceed as planned as an exception to this direction. Any later-resulting staff expenses associated with processing reimbursements related to the work occurring during those same three days, which we expect to be minimal, e.g., travel reimbursements, also may be incurred".

Please call me if you want to discuss. I plan to ask NAS if there will be more than one future draw request, what types of remaining expenses they will cover, and when we should expect to receive them.

Mick

----- Forwarded message -----

From: **Rogers, Nicholas** <NRogers@nas.edu>

Date: Fri, Sep 15, 2017 at 12:52 PM

Subject: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

Cc: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>

Josh and Mick,

This draw request is for expenses that have been incurred through the 9/1/2017 pay period. There are still outstanding costs for Meeting 3 and 4 that will appear on future draw requests, along with the labor costs needed to process these expenses.

\$9,211.24 for partial Meeting 2 travel for committee members, plus associated costs.

\$12,593.80 for labor and associated costs related to Meeting 3.

\$10,492.81 for partial Meeting 3 travel for committee members, plus associated costs.

\$96,224.15 for labor and associated costs related to planning Meeting 4 with the committee membership, and for staff time spent working on study materials and background research for the meeting.

\$269.54 for other direct costs (copying, postage, conference calls with committee/staff), plus associated costs.

\$128,791.54 TOTAL

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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 **NASEM coop agmt cost summary 8-1-2017.xlsx**
16K

Kuhns, Michael <mkuhns@osmre.gov>

Mon, Sep 18, 2017 at 9:38 AM

To: Jay Bautista <jbautista@osmre.gov>, Yolande Norman <ynorman@osmre.gov>


Cc: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Harry Payne <hpayne@osmre.gov>

Yolande and Jay,

After forwarding an e-mail to Yetunde and others a few minutes ago, I got an auto-reply that Yetunde would be out of the office through October 2. I'd like to make you aware that we received a draw request yesterday, and ask that you provide any comments regarding my proposed questions to NAS.

Mick

[Quoted text hidden]

 **NASEM coop agmt cost summary 8-1-2017.xlsx**
16K

Norman, Yolande <ynorman@osmre.gov>

Mon, Sep 18, 2017 at 9:40 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: Jay Bautista <jbautista@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Harry Payne <hpayne@osmre.gov>

Hi Mick,

Yetunde is on travel but she will be available by mid-week to provide you with a response concerning this request.

She will be in touch with you shortly.

Yolande

[Quoted text hidden]

--

Yolande J.C. Norman

Chief, Reclamation Support Division

Program Support Directorate

Department of Interior

Office of Surface Mining Reclamation & Enforcement

1951 Constitution Ave, N.W.

South Interior Building, Room 121

Washington DC, 20240

Tele: (202) 208-2868

Email: ynorman@osmre.gov

Richardson, Yetunde <yrichardson@osmre.gov>

Mon, Sep 18, 2017 at 6:59 PM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: Harry Payne <hpayne@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Hello Mick,

I think it is a good idea to reach out to NAS for clarification on the future draws. To clarify: are you approving the current request or do you need to set up a meeting to discuss with me?

If you approve the current drawdown request, please respond to NAS' original email and copy me and Kimberly Harper-Taylor at DFM kharper@osmre.gov. If you would like to meet to discuss tomorrow morning, let me know.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist

Department of the Interior

Office of Surface Mining Reclamation and Enforcement

Division of Reclamation Support

1849 C Street N.W. #4551

Washington, D.C. 20240

Phone: (202) 208-2766 Fax: (202) 219-0239

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>

Mon, Sep 18, 2017 at 7:00 PM

To: Yolande Norman <ynorman@osmre.gov>

I meant to copy you on this email.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist

Department of the Interior

Office of Surface Mining Reclamation and Enforcement

Division of Reclamation Support

1849 C Street N.W. #4551

Washington, D.C. 20240

Phone: (202) 208-2766 Fax: (202) 219-0239

----- Forwarded message -----

From: **Richardson, Yetunde** <yrichardson@osmre.gov>

Date: Mon, Sep 18, 2017 at 6:59 PM

Subject: Re: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

To: "Kuhns, Michael" <mkuhns@osmre.gov>

[Quoted text hidden]

Kuhns, Michael <mkuhns@osmre.gov>

Tue, Sep 19, 2017 at 3:59 PM

To: "Richardson, Yetunde" <yrichardson@osmre.gov>

I will approve it tomorrow. I just wanted to let you know there will unexpectedly be other draw requests coming.

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>

Tue, Sep 19, 2017 at 11:18 PM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: Yolande Norman <ynorman@osmre.gov>

Great. Thank you for letting me know.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist

Department of the Interior

Office of Surface Mining Reclamation and Enforcement

Division of Reclamation Support

1849 C Street N.W. #4551

Washington, D.C. 20240

Phone: (202) 208-2766 Fax: (202) 219-0239

[Quoted text hidden]

Kuhns, Michael <mkuhns@osmre.gov>

Wed, Sep 20, 2017 at 8:54 AM

To: "Rogers, Nicholas" <NRogers@nas.edu>, Kimberly Harper <kharper@osmre.gov>

Cc: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Michael

Kuhns <mkuhns@osmre.gov>

Roger,

I have reviewed and approve of your draw request for \$128,791.54. I understand this covers most of the expenses you incurred for both July and August 2017, but that some additional expenses will be forthcoming in a separate draw request to cover the remaining costs of Meeting #4.

Please specify in your next draw request if it covers all of the expenses through the "halt" period issued by OSMRE Acting Director Glenda Owens on August 18, 2018.

Kimberly --- please approve this draw request in ASAP.

Thank you,

Mick

On Fri, Sep 15, 2017 at 12:52 PM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Josh and Mick,

This draw request is for expenses that have been incurred through the 9/1/2017 pay period. There are still outstanding costs for Meeting 3 and 4 that will appear on future draw requests, along with the labor costs needed to process these expenses.

\$9,211.24 for partial Meeting 2 travel for committee members, plus associated costs.

\$12,593.80 for labor and associated costs related to Meeting 3.

\$10,492.81 for partial Meeting 3 travel for committee members, plus associated costs.

\$96,224.15 for labor and associated costs related to planning Meeting 4 with the committee membership, and for staff time spent working on study materials and background research for the meeting.

\$269.54 for other direct costs (copying, postage, conference calls with committee/staff), plus associated costs.

\$128,791.54 TOTAL

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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Rogers, Nicholas <NRogers@nas.edu>

Wed, Sep 20, 2017 at 9:05 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>, Kimberly Harper <kharper@osmre.gov>

Cc: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>

Good Morning Mick,

You are correct that these are most of the expenses incurred in the July and August but some trailing costs from meeting 3 and 4, namely travel expense reports, are still being processed. We will specify in our next draw if this is all the expenses but that is hard to judge at present.

Please feel free to contact me with any questions or concerns.

Kind regards,

Nick Rogers

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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From: Kuhns, Michael [mailto:mkuhns@osmre.gov]

Sent: Wednesday, September 20, 2017 8:54 AM

To: Rogers, Nicholas <NRogers@nas.edu>; Kimberly Harper <kharper@osmre.gov>

Cc: Rockwell, Joshua <jrockwell@osmre.gov>; Cheran, Ramamani <RCheran@nas.edu>; Glickson, Deborah <DGlickson@nas.edu>; Richardson, Yetunde <yrichardson@osmre.gov>; Jay Bautista <jbautista@osmre.gov>; Michael Kuhns <mkuhns@osmre.gov>

Subject: Re: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

[Quoted text hidden]

Kuhns, Michael <mkuhns@osmre.gov>
To: Joshua Rockwell <jrockwell@osmre.gov>
Cc: "Richardson, Yetunde" <yrichardson@osmre.gov>

Tue, Oct 31, 2017 at 7:47 AM

Josh,

Are you fine with me approving their draw request?

Mick

Michael "Mick" Kuhns, Physical Scientist

U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
1849 C Street NW, Washington, D.C. 20240 Room 4556
Office: (202) 208-2860
mkuhns@osmre.gov

----- Forwarded message -----

From: **Rogers, Nicholas** <NRogers@nas.edu>
Date: Tue, Oct 24, 2017 at 2:44 PM
Subject: RE: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034
To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>
Cc: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>

Josh and Mick,

This draw request is for expenses that have been incurred through the end of September. There are still outstanding costs for Meeting 4 that will appear on a future draw request, along with the labor costs needed to process these expenses.

\$1,803.67 for labor and associated costs related to Meeting 3 reimbursements.

\$14,799.04 for partial Meeting 3 travel for committee members, plus associated costs.

\$3,751.65 for labor and associated costs related to Meeting 4 reimbursements.

\$11,834.47 for partial Meeting 4 travel for committee members, plus associated costs.

\$1,610.67 for other direct costs (conference calls with committee/staff), plus associated costs.

\$33,799.50 total

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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Rockwell, Joshua <jrockwell@osmre.gov>
To: "Kuhns, Michael" <mkuhns@osmre.gov>
Cc: "Richardson, Yetunde" <yrichardson@osmre.gov>

Tue, Oct 31, 2017 at 7:49 AM

It looks to be in line to me. Let's discuss face-to-face tomorrow.

Josh Rockwell

*Mining Engineer/Dam Safety Officer
Office of Surface Mining, Reclamation and Enforcement
Division of Regulatory Support
1849 C. Street, NW, Mail Stop 4550
Washington, DC 20240
(202) 209-2633 work
(410) 456-8042 cell*

[Quoted text hidden]

Rockwell, Joshua <jrockwell@osmre.gov>
To: "Rogers, Nicholas" <NRogers@nas.edu>
Cc: "Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, Sterling Rideout <srideout@osmre.gov>, "Payne, Harry J." <hpayne@osmre.gov>, Kimberly Harper <kharp@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, "Bautista, Jay" <jbautista@osmre.gov>

Wed, Nov 1, 2017 at 7:36 AM

Nick:

Your draw down request in the amount of \$33,799.50 is approved.

On October 12th, we were notified that draw down requests related to meeting 4 could take up to 2 months to receive and book. Since the meeting took place the last week in August, can we assume that we will have one more draw down request since the 2 month window has now past? We would like to get all draw down requests for all work completed prior to the "halt", as well as meeting 4, wrapped up as soon as possible. Will this be accomplished with the next draw down request, and do you have an approximate estimate of what the next request will total?

v/r

Josh Rockwell

*Mining Engineer/Dam Safety Officer
Office of Surface Mining, Reclamation and Enforcement
Division of Regulatory Support
1849 C. Street, NW, Mail Stop 4550*

*Washington, DC 20240
(202) 209-2633 work
(410) 456-8042 cell*

On Tue, Oct 24, 2017 at 2:44 PM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Josh and Mick,

This draw request is for expenses that have been incurred through the end of September. There are still outstanding costs for Meeting 4 that will appear on a future draw request, along with the labor costs needed to process these expenses.

\$1,803.67 for labor and associated costs related to Meeting 3 reimbursements.

\$14,799.04 for partial Meeting 3 travel for committee members, plus associated costs.

\$3,751.65 for labor and associated costs related to Meeting 4 reimbursements.

\$11,834.47 for partial Meeting 4 travel for committee members, plus associated costs.

\$1,610.67 for other direct costs (conference calls with committee/staff), plus associated costs.

\$33,799.50 total

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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Rogers, Nicholas <NRogers@nas.edu>

Wed, Nov 1, 2017 at 9:00 AM

To: "Rockwell, Joshua" <jrockwell@osmre.gov>

Cc: "Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, Sterling Rideout <srideout@osmre.gov>, "Payne, Harry J." <hpayne@osmre.gov>, Kimberly Harper <kharper@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, "Bautista, Jay" <jbautista@osmre.gov>

Josh,

I believe the next draw will be the last as all expenses are just processing through our accounting and payments from meeting 4.

My estimate for the final draw is in the \$14,500-\$15,500 range.

Thank you,

Nick Rogers

From: Rockwell, Joshua [mailto:jrockwell@osmre.gov]

Sent: Wednesday, November 01, 2017 7:36 AM

To: Rogers, Nicholas <NRogers@nas.edu>

Cc: Kuhns, Michael <mkuhns@osmre.gov>; Cheran, Ramamani <RCheran@nas.edu>; Glickson, Deborah <DGlickson@nas.edu>; Sterling Rideout <srideout@osmre.gov>; Payne, Harry J. <hpayne@osmre.gov>; Kimberly Harper <kharper@osmre.gov>; Yetunde Richardson <yrichardson@osmre.gov>; Bautista, Jay <jbautista@osmre.gov>

Subject: Re: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

[Quoted text hidden]



Richardson, Yetunde <yrichardson@osmre.gov>

Re: FW: description of costs S16AC20034

1 message

Rockwell, Joshua <jrockwell@osmre.gov>

Wed, Nov 2, 2016 at 9:17 AM

To: "Eide, Elizabeth" <EEide@nas.edu>, Kimberly Harper <kharper@osmre.gov>

Cc: "Claringbould, Katharine" <KClaringbould@nas.edu>, Michael Kuhns <mkuhns@osmre.gov>, "Rogers, Nicholas" <NRogers@nas.edu>, "Cheran, Ramamani" <RCheran@nas.edu>, "Bautista, Jay" <jbautista@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>

Elizabeth:

Your request for the draw is justified. Thank you.

Kimberly:

You should see a request for draw down from NAS for \$9,428.70 in ASAP. This amount may be released.

Thank you,
Josh

On Wed, Nov 2, 2016 at 9:08 AM, Eide, Elizabeth <EEide@nas.edu> wrote:

Hi Josh,

The Academies drawdown request for \$9,428.70 is broken down as follows:

\$9,428.70 for labor associated with administration of the project.

Please let us know if you have further questions.

Best,
Elizabeth

Elizabeth A. Eide, Ph.D.
Director, Board on Earth Sciences and Resources

Acting Director, Water Science and Technology Board
The National Academies of Sciences, Engineering, and Medicine
500 Fifth St., NW
Washington, DC 20001
tel: 202 334 2392

Visit BESR at <http://dels.nas.edu/besr>

Visit CER at <http://dels.nas.edu/global/besr/CER>

Visit WSTB at <http://dels.nas.edu/wstb>

Twitter: @NASEarth

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Richardson, Yetunde <yrichardson@osmre.gov>

Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034

12 messages

Kuhns, Michael <mkuhns@osmre.gov>

Wed, Feb 22, 2017 at 8:58 AM

To: "Rogers, Nicholas" <NRogers@nas.edu>

Cc: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Kimberly Harper <kharp@osmre.gov>

Hi Nick,

For this latest bill, there is an apparent discrepancy in the total bill amount (\$15,071.02) versus the summation of the two individual items (\$12,330.78 + \$3,076.84 = \$15,407.62).

For the previous month's bill, the total appears to be transposed from the summary of the individual items (\$22,748.28 versus \$22,478.28).

Please clarify the correct amounts for this bill and the prior month's bill.

Mick

On Tue, Feb 21, 2017 at 2:37 PM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Josh and Mick,

The next NAS Drawdown request for February 2017 is \$15,071.02:

\$ 12,330.78 for labor and associated costs related to planning meeting 1 with the membership from the agenda to invited expert speakers.

\$ 3,076.84 for labor and associated costs related to background research and data collection related to the project.

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: @NASEarth

Facebook

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Rogers, Nicholas <NRogers@nas.edu>

Wed, Feb 22, 2017 at 9:08 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Kimberly Harper <kharper@osmre.gov>

Mick,

My apologies. Not sure what happened there. I think I wrote the equations wrong in excel.

January - \$22,748.26

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting 1 with the membership meetings and background research for meeting materials.

\$ 8.89 for other direct costs (photocopying and long distance phone calls) plus its associated costs.

February – \$15,071.02:

\$ 11,994.18 for labor and associated costs related to planning meeting 1 with the membership from the agenda to invited expert speakers.

\$ 3,076.84 for labor and associated costs related to background research and data collection related to the project.

Again, my apologies and I hope this clarifies.

Kind regards,

Nick Rogers

From: Kuhns, Michael [mailto:mkuhns@osmre.gov]

Sent: Wednesday, February 22, 2017 8:58 AM

To: Rogers, Nicholas

Cc: jrockwell@osmre.gov; Cheran, Ramamani; Glickson, Deborah; Eide, Elizabeth; Richardson, Yetunde; Jay Bautista; Kimberly Harper

Subject: Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034

[Quoted text hidden]

Kuhns, Michael <mkuhns@osmre.gov>

Wed, Feb 22, 2017 at 9:30 AM

To: "Rogers, Nicholas" <NRogers@nas.edu>

Cc: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Kimberly Harper <kharper@osmre.gov>

Should the total for January be \$22,748.28? (two cents more)?

January - \$22,748.26

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting 1 with the membership meetings and background research for meeting materials.

\$ 8.89 for other direct costs (photocopying and long distance phone calls) plus its associated costs.

[Quoted text hidden]

Rogers, Nicholas <NRogers@nas.edu>

Wed, Feb 22, 2017 at 9:49 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Kimberly Harper <kharper@osmre.gov>

Yes.

From: Kuhns, Michael [mailto:mkuhns@osmre.gov]

Sent: Wednesday, February 22, 2017 9:30 AM

[Quoted text hidden]

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>

Wed, Feb 22, 2017 at 10:21 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Good Morning Mick,
I will send you a grant detail report shortly. This report will show all the funds that have been expended on the grant so far.

[Quoted text hidden]

--

Best Regards,

Yetunde E. Richardson


Grants Management Specialist
Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1951 Constitution Avenue N.W. #125
Washington, D.C. 20240
Phone: (202) 208-2766 Fax: (202) 219-0239

Richardson, Yetunde <yrichardson@osmre.gov>
To: "Kuhns, Michael" <mkuhns@osmre.gov>

Wed, Feb 22, 2017 at 10:25 AM

Please see attached.

[Quoted text hidden]

 **GrantDetailQuery_2017-02-22_08-22-13 S16AC20034.xlsx**
10K


Richardson, Yetunde <yrichardson@osmre.gov>

Wed, Feb 22, 2017 at 10:26 AM

To: Joshua Rockwell <jrockwell@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Kimberly Harper <kharp@osmre.gov>

Please see attached grant detail query for S16AC20034.

[Quoted text hidden]

 **GrantDetailQuery_2017-02-22_08-22-13 S16AC20034.xlsx**
12K

Kuhns, Michael <mkuhns@osmre.gov>

Wed, Feb 22, 2017 at 10:51 AM

To: "Richardson, Yetunde" <yrichardson@osmre.gov>

Thank you!

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>

Wed, Feb 22, 2017 at 10:57 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

You are welcome. Anytime you need another report, just let me know.

[Quoted text hidden]

Rockwell, Joshua <jrockwell@osmre.gov>

Mon, Feb 27, 2017 at 10:56 AM

To: "Rogers, Nicholas" <NRogers@nas.edu>

Cc: "Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Bcc: yrichardson@osmre.gov

Nicholas:

Your February request is approved (\$15,071.02).

Thank you,

Josh

On Mon, Feb 27, 2017 at 10:49 AM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Josh,

I hope the below are what you mean by the corrections.

January - \$22,748.28

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting 1 with the membership meetings and background research for meeting materials.

\$ 8.89 for other direct costs (photocopying and long distance phone calls) plus its associated costs.

February – \$15,071.02:

\$ 11,994.18 for labor and associated costs related to planning meeting 1 with the membership from the agenda to invited expert speakers.

\$ 3,076.84 for labor and associated costs related to background research and data collection related to the project.

From: Rockwell, Joshua [mailto:jrockwell@osmre.gov]

Sent: Monday, February 27, 2017 10:44 AM

To: Rogers, Nicholas

Cc: Kuhns, Michael; Cheran, Ramamani; Glickson, Deborah; Eide, Elizabeth

Subject: Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Was the error corrected? I don't remember seeing a corrected request?

On Mon, Feb 27, 2017 at 10:32 AM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Good Morning Mick and Josh,

Do we have your approval for the February draw?

Regards,

Nick Rogers

From: Kuhns, Michael [mailto:mkuhns@osmre.gov]
Sent: Wednesday, February 22, 2017 9:30 AM

[Quoted text hidden]

Harper, Kimberly <kharper@osmre.gov>
To: "Richardson, Yetunde" <yrichardson@osmre.gov>
Cc: Joshua Rockwell <jrockwell@osmre.gov>, Jay Bautista <jbautista@osmre.gov>

Tue, Mar 7, 2017 at 9:36 AM

After going through all the email trail here, is this amount approved?

Thanks,
Kimberly
[Quoted text hidden]

--
Kimberly Harper-Taylor
Grants Financial Specialist
Office of Surface Mining Reclamation & Enforcement
303-236-0330 x273
kharper@osmre.gov

Rockwell, Joshua <jrockwell@osmre.gov>
To: "Harper, Kimberly" <kharper@osmre.gov>
Cc: "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, "Kuhns, Michael F. Mick" <mkuhns@osmre.gov>

Tue, Mar 7, 2017 at 10:23 AM

Yes, NAS's request to draw \$15,071.02 is approved.
[Quoted text hidden]

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

January 25, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

Please find below a quarterly progress report for the National Academies of Sciences, Engineering, and Medicine (NASEM) project referenced above. It covers the period October 1 - December 31, 2016.

Activities undertaken in this quarter:

NASEM staff vetted potential nominees for committee membership. There were over 240 names that were submitted for consideration in response to the call for nominations. In addition, staff gathered background information, discussed the study with the Mountaintop Removal interagency group, and contacted OSMRE to discuss study schedule committee processes.

The first committee meeting is scheduled for March 7-8, 2017, in Washington DC. The meeting will be held at the Keck Center (500 5th St NW).

Activities anticipated in the next quarter:

NASEM staff will receive internal approval for the provisional committee and post membership onto the National Academies Current Project Systems website for a 20-day comment period.

Staff will determine the availabilities of provisional committee members for additional committee meetings, gather and disseminate background material for the committee, and plan and execute the first meeting. Future meeting dates will be provided to OSMRE as soon as possible.

Difficulties Encountered:

None, although please note that the milestone to have the committee approved is slightly behind schedule. Committee membership is critical to the project's success, so staff did not want to sacrifice quality in an effort to meet a specific time milestone. Staff are working on other methods to tighten the study schedule, particularly once the committee is approved.

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Programmatic Review Checklist for OSMRE Financial Assistance Programs

(For OSMRE Internal Use Only)

Version 5



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Program monitoring addresses the content and substance of the program. It is a qualitative review to determine performance, innovation, and contributions. It assesses whether award activities are consistent with the program narrative/work plan or proposed project activities identified in the application or agreement, and comply with statutory regulations and other policy guidelines. It also evaluates program outcomes and monitors administrative activities to ensure compliance with award terms & conditions and reporting requirements.

Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

1st Qrt Progress Review-Period Ending December 31st, 2017.

Findings - Initial Application:

Objectives and Need for Assistance explains why the assistance is needed and states what the grant's primary and secondary objectives are.

Results and Benefits Expected describe how public health and safety will be protected and the environment or life of coalfield citizens will be improved during the grant period.

Approach outlines the plan of action for the proposed scope of work as well as criteria and methodology to be used to evaluate results during the grant period.

Number of Personnel and type of positions identified will adequately support the proposed program work to be accomplished during the grant period.

The number of trips and purpose of travel are necessary for successful performance of proposed work under this grant.

Equipment identified is required for successful performance of proposed program work under this grant.

Conducted AML subaccount review. Funding requested is consistent with the program objectives of the grant.

Supplies listed are needed to complete proposed program work during this grant period.

Contractual services identified are essential to the successful performance of proposed work under this grant.

Other cost items identified are necessary expenses that must be incurred to meet program objectives.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings - Report Monitoring

Reported activities are in compliance with the approved plan and Federal regulations.
Performance report compares the planned activities to actual accomplishments.
Performance report provides explanation for any/all deviations from the approved plan.
Recipient has met / will meet the objectives of the approved plan within the established performance period.
Conducted AML Sub-account review. Funding usage is consistent with the program objectives of the grant.

Yes No N/A

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
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Quantitative data was provided on the output of the completed project(s) or program activity.
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Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Watershed Cooperative Agreements Only

As built plan was included in the Closeout Project Performance Narrative.
Project partner(s) participation went according to plan.
Description, quantity, and calculated value of in-kind services or materials was included.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations**Yes** **No****Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary.**

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Prepared by: Joshua S. Rockwell

Date: 7/13/17

Reviewed by: Michael F. Kuhns

Date: 7/13/17

Approved by: Yetunde Richardson

Date: 7/13/17

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

April 24, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
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National Academies of Sciences, Engineering, and Medicine
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- March 7-8 Washington, DC
- May 22-24 West Virginia
- July 11-12 Washington, DC (*was originally June 20-22 in Kentucky*)
- August 21-23 Kentucky
- Meeting 5 Date and location to be determined

The first committee meeting was held on March 7-8, 2017, in Washington DC. The meeting was held at the Keck Center (500 5th St NW) and included an open session with presentations from OSMRE, USGS, and VA DEQ. The agenda for this meeting is included as Attachment 1.

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Difficulties Encountered:

None at this time.

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

Committee Meeting 1
March 7, 2017

Keck Center
500 5th St NW
Washington, DC 20001

OPEN SESSION AGENDA

Tuesday, March 7 – Room 100

Registration opens at 1:30 p.m.

- | | | |
|-----------|--|---|
| 1:45 p.m. | Welcome and Introductions | <i>Paul Locke, Committee Chair</i> |
| 2:00 p.m. | Study Origin and Objectives | <i>Office of Surface Mining Reclamation
And Enforcement (OSMRE)</i> |
| 2:30 p.m. | Discussion with Federal and State Agencies <ul style="list-style-type: none">• <i>U.S. Geological Survey – Bill Orem, Project Chief, Environmental Health Effects of Energy Resources</i>• <i>Virginia Department of Health – Dwight Flammia, Public Health Toxicologist</i> | |
| 3:45 p.m. | Public Comment Period
<i>Each speaker has a maximum time limit of 3 minutes. Accompanying written materials are encouraged.</i> | |
| 4:15 p.m. | <i>Open Session adjourns</i> | |

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Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Findings – Amendments:

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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

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Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

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Findings – Amendments:

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<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Date: 7/13/17

Reviewed by: Michael F. Kuhns

Date: 7/13/17

Approved by: Yetunde Richardson

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The National Academies of
SCIENCES • ENGINEERING • MEDICINE

July 26, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

Please find below a quarterly progress report for the National Academies of Sciences, Engineering, and Medicine (NASEM) project referenced above. It covers the period April 1 – June 30, 2017.

Activities undertaken in this quarter:

The second committee meeting was May 22-24, 2017, at the Chief Logan Lodge in Logan, WV. There was a site visit on May 22, an open session on May 23, and a town hall public forum on the evening of May 23. Invitees for this meeting included state agencies from Virginia and West Virginia, local environmental groups, and the coal industry. May 24 was a closed session for committee and staff only. The agenda is included as Attachment 1.

We continue to use the opt-in mailing list to provide study updates to a wide variety of stakeholders and interested parties.

Activities anticipated in the next quarter:

Meeting 3 is July 11-13, 2017, at the Keck Center of the National Academies in Washington, DC. This meeting will focus on recent studies of potential human health effects from surface coal mining operations. There will be two open sessions on July 11 and 12 with panelists and speakers on this topic. July 13 will be a closed session for committee and staff only.

Meeting 4 is scheduled for Aug 21-23, 2017 in Kentucky (Hazard and Lexington). There will be a site visit on Monday, August 21, followed by a town hall that evening. The open session will be on the afternoon of Tuesday, August 22, and will include invited representatives from Kentucky and Tennessee state agencies and other experts. Wednesday, August 23 will be a closed session.

*Progress Report for Cooperative Agreement S16AC20034
April 1 – June 30, 2017*

Meeting 5 dates are Oct 24-26, and will be entirely closed session. The committee is likely to use an Academies facility in Woods Hole, MA.

The committee also expects to have 1-2 webinars with outside experts. These will be publicly available to call in to and listen to. The first is scheduled with Dr. Jonathan Borak on August 15 at 3pm EDT. More information will be provided before the webinar.

Difficulties Encountered:

We anticipate that a sixth meeting might be needed for deliberation and consensus building, because Meetings 2-4 had or will have significant amounts of time allocated to town halls, site visits, and open sessions. This limited the amount of time the committee was/will be able to spend in closed session. While we hope Meeting 5 will make up for the lack of closed session time, the committee would like a contingency plan in case another meeting.

This would not result in an increase in the cost of the study. Instead, staff would reallocate funds from staff time to accommodate any additional travel needed. It may lead to a one-month delay in the timeframe.

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

Committee Meeting 2
Tuesday, May 23, 2017
Conference Center

Chief Logan Lodge, Hotel and Conference Center
1000 Conference Center Drive
Logan, WV 25601
(304) 792-7125

OPEN SESSION AGENDA

For more information or to register to attend, email rchappetta@nas.edu or call 202-334-2766.

- | | | |
|------------|---|-------------------------------------|
| 12:45 p.m. | Welcome and Introductions | <i>Paul Locke, Committee Chair</i> |
| 1:00 p.m. | Discussion with State Agencies <ul style="list-style-type: none">• Barbara Taylor, Deputy Commissioner of Health Protection, WV Bureau for Public Health• Lewis Halstead, Deputy Director, WV Department of Environmental Protection• Joey O'Quinn, Division of Mined Land Reclamation, VA Department of Mines, Minerals, and Energy | |
| 2:30 p.m. | Recap of Site Visit | <i>Paul Locke, Committee Chair</i> |
| 2:40 p.m. | Discussion with West Virginia Coal Association | <i>Jason Bostic, Vice President</i> |
| 3:00 p.m. | Environmental Group Panel <ul style="list-style-type: none">• Natalie Thompson, Ohio Valley Environmental Coalition• Vernon Haltom, Coal River Mountain Watch• Cindy Rank, West Virginia Highlands Conservancy | |
| 4:00 p.m. | <i>Open Session adjourns – 15 minute break</i> | |
-

6:30 p.m. Town Hall Forum

As part of a study examining the potential relationship between health risks and living near surface coal mining or reclamation sites, the National Academies will hold a town hall to gain insights and information from people living in the surrounding communities. The National Academies study committee invites community members to attend and share their perspectives on this topic. The focus of the study is people living near coal-mining areas rather than on occupational health of coal mine workers.

More information on the study can be found here: <http://www8.nationalacademies.org/cp/projectview.aspx?key=49846>

9:00 p.m. *Town Hall Forum Adjourns*

Programmatic Review Checklist for OSMRE Financial Assistance Programs

(For OSMRE Internal Use Only)

Version 5



Scope and Purpose of Review:

Program monitoring addresses the content and substance of the program. It is a qualitative review to determine performance, innovation, and contributions. It assesses whether award activities are consistent with the program narrative/work plan or proposed project activities identified in the application or agreement, and comply with statutory regulations and other policy guidelines. It also evaluates program outcomes and monitors administrative activities to ensure compliance with award terms & conditions and reporting requirements.

Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

1st Qrt Progress Review-Period Ending December 31st, 2017.

Findings - Initial Application:

Objectives and Need for Assistance explains why the assistance is needed and states what the grant's primary and secondary objectives are.

Results and Benefits Expected describe how public health and safety will be protected and the environment or life of coalfield citizens will be improved during the grant period.

Approach outlines the plan of action for the proposed scope of work as well as criteria and methodology to be used to evaluate results during the grant period.

Number of Personnel and type of positions identified will adequately support the proposed program work to be accomplished during the grant period.

The number of trips and purpose of travel are necessary for successful performance of proposed work under this grant.

Equipment identified is required for successful performance of proposed program work under this grant.

Conducted AML subaccount review. Funding requested is consistent with the program objectives of the grant.

Supplies listed are needed to complete proposed program work during this grant period.

Contractual services identified are essential to the successful performance of proposed work under this grant.

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Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes	No	N/A
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Findings - Report Monitoring

Reported activities are in compliance with the approved plan and Federal regulations.
Performance report compares the planned activities to actual accomplishments.
Performance report provides explanation for any/all deviations from the approved plan.
Recipient has met / will meet the objectives of the approved plan within the established performance period.
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Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
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Watershed Cooperative Agreements Only

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Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations**Yes** **No****Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary.**

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Prepared by: Joshua S. Rockwell

Date: 7/13/17

Reviewed by: Michael F. Kuhns

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Approved by: Yetunde Richardson

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The National Academies of
SCIENCES • ENGINEERING • MEDICINE

April 24, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
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U.S. Department of the Interior
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FROM: Deborah Glickson, Study Director
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Activities undertaken in this quarter:

Project staff received internal approval for the provisional committee and posted it onto the National Academies Current Project Systems website for a 20-day comment period. No comments were received.

An opt-in mailing list was created to provide updates to the study, including future meetings and opportunities to provide input. This was sent to a list of contacts in government, industry, environmental, and public health fields.

The project director submitted a preliminary schedule of planned committee meetings, which has since been slightly modified. These are:

- March 7-8 Washington, DC
- May 22-24 West Virginia
- July 11-12 Washington, DC (*was originally June 20-22 in Kentucky*)
- August 21-23 Kentucky
- Meeting 5 Date and location to be determined

The first committee meeting was held on March 7-8, 2017, in Washington DC. The meeting was held at the Keck Center (500 5th St NW) and included an open session with presentations from OSMRE, USGS, and VA DEQ. The agenda for this meeting is included as Attachment 1.

The committee also held several teleconferences during this period to advance their study progress.

Activities anticipated in the next quarter:

The second committee meeting is scheduled for May 22-24, 2017, at the Chief Logan Lodge (1000 Conference Center Dr, Logan, WV, 25601). The open session will be held on the afternoon of May 23, and there will be a town hall public forum the evening of May 23. Invitees for this meeting include state agencies from Virginia and West Virginia, coal industry representatives, and local environmental groups.

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Difficulties Encountered:

None at this time.

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

Committee Meeting 1
March 7, 2017

Keck Center
500 5th St NW
Washington, DC 20001

OPEN SESSION AGENDA

Tuesday, March 7 – Room 100

Registration opens at 1:30 p.m.

- | | | |
|-----------|--|---|
| 1:45 p.m. | Welcome and Introductions | <i>Paul Locke, Committee Chair</i> |
| 2:00 p.m. | Study Origin and Objectives | <i>Office of Surface Mining Reclamation
And Enforcement (OSMRE)</i> |
| 2:30 p.m. | Discussion with Federal and State Agencies <ul style="list-style-type: none">• <i>U.S. Geological Survey – Bill Orem, Project Chief, Environmental Health Effects of Energy Resources</i>• <i>Virginia Department of Health – Dwight Flammia, Public Health Toxicologist</i> | |
| 3:45 p.m. | Public Comment Period
<i>Each speaker has a maximum time limit of 3 minutes. Accompanying written materials are encouraged.</i> | |
| 4:15 p.m. | <i>Open Session adjourns</i> | |

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Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

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Report Monitoring

Review Conducted in Accordance with FAM

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|-----------|--|---|
| 1:45 p.m. | Welcome and Introductions | <i>Paul Locke, Committee Chair</i> |
| 2:00 p.m. | Study Origin and Objectives | <i>Office of Surface Mining Reclamation
And Enforcement (OSMRE)</i> |
| 2:30 p.m. | Discussion with Federal and State Agencies <ul style="list-style-type: none">• <i>U.S. Geological Survey – Bill Orem, Project Chief, Environmental Health Effects of Energy Resources</i>• <i>Virginia Department of Health – Dwight Flammia, Public Health Toxicologist</i> | |
| 3:45 p.m. | Public Comment Period
<i>Each speaker has a maximum time limit of 3 minutes. Accompanying written materials are encouraged.</i> | |
| 4:15 p.m. | <i>Open Session adjourns</i> | |

Programmatic Review Checklist for OSMRE Financial Assistance Programs

(For OSMRE Internal Use Only)

Version 5



Scope and Purpose of Review:

Program monitoring addresses the content and substance of the program. It is a qualitative review to determine performance, innovation, and contributions. It assesses whether award activities are consistent with the program narrative/work plan or proposed project activities identified in the application or agreement, and comply with statutory regulations and other policy guidelines. It also evaluates program outcomes and monitors administrative activities to ensure compliance with award terms & conditions and reporting requirements.

Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

1st Qrt Progress Review-Period Ending December 31st, 2017.

Findings - Initial Application:

Objectives and Need for Assistance explains why the assistance is needed and states what the grant's primary and secondary objectives are.

Results and Benefits Expected describe how public health and safety will be protected and the environment or life of coalfield citizens will be improved during the grant period.

Approach outlines the plan of action for the proposed scope of work as well as criteria and methodology to be used to evaluate results during the grant period.

Number of Personnel and type of positions identified will adequately support the proposed program work to be accomplished during the grant period.

The number of trips and purpose of travel are necessary for successful performance of proposed work under this grant.

Equipment identified is required for successful performance of proposed program work under this grant.

Conducted AML subaccount review. Funding requested is consistent with the program objectives of the grant.

Supplies listed are needed to complete proposed program work during this grant period.

Contractual services identified are essential to the successful performance of proposed work under this grant.

Other cost items identified are necessary expenses that must be incurred to meet program objectives.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings - Report Monitoring

Reported activities are in compliance with the approved plan and Federal regulations.
Performance report compares the planned activities to actual accomplishments.
Performance report provides explanation for any/all deviations from the approved plan.
Recipient has met / will meet the objectives of the approved plan within the established performance period.
Conducted AML Sub-account review. Funding usage is consistent with the program objectives of the grant.

Yes	No	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
Established goals were met or an acceptable explanation was provided for why they were not met.
Quantitative data was provided on the output of the completed project(s) or program activity.
Conducted AML Sub-account review. Funding usage was consistent with the program objectives of the grant.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Watershed Cooperative Agreements Only

As built plan was included in the Closeout Project Performance Narrative.
Project partner(s) participation went according to plan.
Description, quantity, and calculated value of in-kind services or materials was included.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations**Yes** **No****Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary.**

During the first-quarter of this eight-quarter cooperative agreement, NAS has successfully kept the project on track according to the cooperative agreement terms. NAS has assigned Deb Glickson to manage the project, and she is doing a great job transitioning into this role. The primary work effort for this period was starting to establish the NAS Committee for the project. Everything appears to be running as planned for this period.

Prepared by: Joshua S. Rockwell

Date: 7/13/17

Reviewed by: Michael F. Kuhns

Date: 7/13/17

Approved by: Yetunde Richardson

Date: 7/13/17

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

July 26, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

Please find below a quarterly progress report for the National Academies of Sciences, Engineering, and Medicine (NASEM) project referenced above. It covers the period April 1 – June 30, 2017.

Activities undertaken in this quarter:

The second committee meeting was May 22-24, 2017, at the Chief Logan Lodge in Logan, WV. There was a site visit on May 22, an open session on May 23, and a town hall public forum on the evening of May 23. Invitees for this meeting included state agencies from Virginia and West Virginia, local environmental groups, and the coal industry. May 24 was a closed session for committee and staff only. The agenda is included as Attachment 1.

We continue to use the opt-in mailing list to provide study updates to a wide variety of stakeholders and interested parties.

Activities anticipated in the next quarter:

Meeting 3 is July 11-13, 2017, at the Keck Center of the National Academies in Washington, DC. This meeting will focus on recent studies of potential human health effects from surface coal mining operations. There will be two open sessions on July 11 and 12 with panelists and speakers on this topic. July 13 will be a closed session for committee and staff only.

Meeting 4 is scheduled for Aug 21-23, 2017 in Kentucky (Hazard and Lexington). There will be a site visit on Monday, August 21, followed by a town hall that evening. The open session will be on the afternoon of Tuesday, August 22, and will include invited representatives from Kentucky and Tennessee state agencies and other experts. Wednesday, August 23 will be a closed session.

*Progress Report for Cooperative Agreement S16AC20034
April 1 – June 30, 2017*

Meeting 5 dates are Oct 24-26, and will be entirely closed session. The committee is likely to use an Academies facility in Woods Hole, MA.

The committee also expects to have 1-2 webinars with outside experts. These will be publicly available to call in to and listen to. The first is scheduled with Dr. Jonathan Borak on August 15 at 3pm EDT. More information will be provided before the webinar.

Difficulties Encountered:

We anticipate that a sixth meeting might be needed for deliberation and consensus building, because Meetings 2-4 had or will have significant amounts of time allocated to town halls, site visits, and open sessions. This limited the amount of time the committee was/will be able to spend in closed session. While we hope Meeting 5 will make up for the lack of closed session time, the committee would like a contingency plan in case another meeting.

This would not result in an increase in the cost of the study. Instead, staff would reallocate funds from staff time to accommodate any additional travel needed. It may lead to a one-month delay in the timeframe.

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

Committee Meeting 2
Tuesday, May 23, 2017
Conference Center

Chief Logan Lodge, Hotel and Conference Center
1000 Conference Center Drive
Logan, WV 25601
(304) 792-7125

OPEN SESSION AGENDA

For more information or to register to attend, email rchappetta@nas.edu or call 202-334-2766.

- | | | |
|------------|---|-------------------------------------|
| 12:45 p.m. | Welcome and Introductions | <i>Paul Locke, Committee Chair</i> |
| 1:00 p.m. | Discussion with State Agencies <ul style="list-style-type: none">• Barbara Taylor, Deputy Commissioner of Health Protection, WV Bureau for Public Health• Lewis Halstead, Deputy Director, WV Department of Environmental Protection• Joey O'Quinn, Division of Mined Land Reclamation, VA Department of Mines, Minerals, and Energy | |
| 2:30 p.m. | Recap of Site Visit | <i>Paul Locke, Committee Chair</i> |
| 2:40 p.m. | Discussion with West Virginia Coal Association | <i>Jason Bostic, Vice President</i> |
| 3:00 p.m. | Environmental Group Panel <ul style="list-style-type: none">• Natalie Thompson, Ohio Valley Environmental Coalition• Vernon Haltom, Coal River Mountain Watch• Cindy Rank, West Virginia Highlands Conservancy | |
| 4:00 p.m. | <i>Open Session adjourns – 15 minute break</i> | |
-

6:30 p.m. Town Hall Forum

As part of a study examining the potential relationship between health risks and living near surface coal mining or reclamation sites, the National Academies will hold a town hall to gain insights and information from people living in the surrounding communities. The National Academies study committee invites community members to attend and share their perspectives on this topic. The focus of the study is people living near coal-mining areas rather than on occupational health of coal mine workers.

More information on the study can be found here: <http://www8.nationalacademies.org/cp/projectview.aspx?key=49846>

9:00 p.m. *Town Hall Forum Adjourns*

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Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

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Yes	No	N/A
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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Yes No N/A

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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Yes No N/A

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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Watershed Cooperative Agreements Only

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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations**Yes** **No****Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary.**

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Prepared by: Joshua S. Rockwell

Date: 7/13/17

Reviewed by: Michael F. Kuhns

Date: 7/13/17

Approved by: Yetunde Richardson

Date: 7/13/17

FEDERAL FINANCIAL REPORT

(Follow form instructions)

1. Federal Agency and Organizational Element to Which Report is Submitted <p style="text-align: center;">OSM</p>			2. Federal Grant or Other Identifying Number Assigned by Federal Agency (To report multiple grants, use FFR Attachment) <p style="text-align: center;">S16AC20034</p>				Page 1 of 1 pages	
3. Recipient Organization (Name and complete address including Zip code) National Academies of Sciences, 500 5th Street, NW, Washington, DC 20001								
4a. DUNS Number 41964057		4b. EIN 530196932		5. Recipient Account Number or Identifying Number (To report multiple grants, use FFR Attachment) <p style="text-align: center;">(b) (4)</p>		6. Report Type <input checked="" type="checkbox"/> Quarterly <input type="checkbox"/> Semi-Annual <input type="checkbox"/> Annual <input type="checkbox"/> Final		7. Basis of Accounting <input checked="" type="checkbox"/> Cash <input type="checkbox"/> Accrual
8. Project/Grant Period (Month, Day, Year) From: 8/1/2016 To: 7/31/2018				9. Reporting Period End Date (Month, Day, Year) 9/30/2016				
10. Transactions						Cumulative		
<i>(Use lines a-c for single or multiple grant reporting)</i>								
Federal Cash (To report multiple grants, also use FFR Attachment):								
a. Cash Receipts						\$ 706.38		
b. Cash Disbursements						\$ 2,903.40		
c. Cash on Hand (line a minus b)						\$ (2,197.02)		
<i>(Use lines d-o for single grant reporting)</i>								
Federal Expenditures and Unobligated Balance:								
d. Total Federal funds authorized						\$ 1,003,553.00		
e. Federal share of expenditures						\$ 2,903.40		
f. Federal share of unliquidated obligations						\$ -		
g. Total Federal share (sum of lines e and f)						\$ 2,903.40		
h. Unobligated balance of Federal funds (line d minus g)						\$ 1,000,649.60		
Recipient Share:								
i. Total recipient share required								
j. Recipient share of expenditures								
k. Remaining recipient share to be provided (line i minus j)								
Program Income:								
l. Total Federal program income earned								
m. Program income expended in accordance with the deduction alternative								
n. Program income expended in accordance with the addition alternative								
o. Unexpended program income (line l minus line m or line n)								
11. Indirect Expense		a. Type Fixed	b. Rate G&A 23.2826%	c. Period From 7/1/2016	Period To 9/30/2016	d. Base 2,355.06	e. Amount Charged 548.32	f. Federal Share 548.32
		Fixed	FT 3.2257%	7/1/2016	9/30/2016	0.00	0.00	0.00
		Fixed	OH-Onsite 62.1189%	7/1/2016	9/30/2016	1,405.31	872.96	872.96
		Fixed	OH-Offsite 30.65%	7/1/2016	9/30/2016	0.00	0.00	0.00
						g. Totals:	3,760.37	1,421.28
12. Remarks: Attach any explanations deemed necessary or information required by Federal sponsoring agency in compliance with governing legislation:								
13. Certification: By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and intent set forth in the award documents. I am aware that any false, fictitious, or fraudulent information may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)								
a. Typed or Printed Name and Title of Authorized Certifying Official Levon Woodson, Sr. Accounting Manager						c. Telephone (Area code, number, and extension) 202-334-2176		
						d. Email Address lwoodson@nas.edu		
b. Signature of Authorized Certifying Official						e. Date Report Submitted (Month, Day, Year) 10/19/2016		
14. Agency use only:								

Standard Form 425 - Revised 6/28/2010
 OMB Approval Number: 0348-0061
 Expiration Date: 10/31/2011

Paperwork Burden Statement

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is 0348-0061. Public reporting burden for this collection of information is estimated to average 1.5 hours 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 (0348-0061), Washington, DC 20503.

FEDERAL FINANCIAL REPORT

(Follow form instructions)

1. Federal Agency and Organizational Element to Which Report is Submitted OSM		2. Federal Grant or Other Identifying Number Assigned by Federal Agency (To report multiple grants, use FFR Attachment) S16AC20034-0001-X461				Page 1 of 1 pages			
3. Recipient Organization (Name and complete address including Zip code) National Academies of Sciences, 500 5th Street, NW, Washington, DC 20001 <div style="text-align: right;"><input checked="" type="checkbox"/> Quarterly <input checked="" type="checkbox"/> Cash <input type="checkbox"/> Semi-Annual <input type="checkbox"/> Accrual</div>									
4a. DUNS Number 41964057		4b. EIN 530196932		5. Recipient Account Number or Identifier Number (To report multiple grants, use FFR Attachment) (b) (4)		6. Report Type		7. Basis of Accounting	
8. Project/Grant Period (Month, Day, Year) From: 8/1/2016 To: 7/31/2018				9. Reporting Period End Date (Month, Day, Year) 12/31/2016					
10. Transactions (Use lines a-c for single or multiple grant reporting)								Cumulative	
Federal Cash (To report multiple grants, also use FFR Attachment):									
a. Cash Receipts						\$		27,906.19	
b. Cash Disbursements						\$		50,110.27	
c. Cash on Hand (line a minus b)						\$		(22,204.08)	
(Use lines d-o for single grant reporting)									
Federal Expenditures and Unobligated Balance:									
d. Total Federal funds authorized						\$		1,003,553.00	
e. Federal share of expenditures						\$		50,110.27	
f. Federal share of unliquidated obligations						\$		-	
g. Total Federal share (sum of lines e and f)						\$		50,110.27	
h. Unobligated balance of Federal funds (line d minus g)						\$		953,442.73	
Recipient Share:									
i. Total recipient share required									
j. Recipient share of expenditures									
k. Remaining recipient share to be provided (line i minus j)									
Program Income:									
l. Total Federal program income earned									
m. Program income expended in accordance with the deduction alternative									
n. Program income expended in accordance with the addition alternative									
o. Unexpended program income (line l minus line m or line n)									
11.		a. Type	b. Rate	c. Period From	Period To	d. Base	e. Amount Charged	f. Federal Share	
Indirect Expense	Fixed	G&A 23.2826%	10/1/2016	12/31/2016	15,741.48	3,665.03	3,665.03	3,665.03	
	Fixed	FT 3.2257%	10/1/2016	12/31/2016	0.00	0.00	0.00	0.00	
	Fixed	OH-Onsite 62.1189%	10/1/2016	12/31/2016	22,468.78	13,957.36	13,957.36	13,957.36	
	Fixed	OH-Offsite 30.65%	10/1/2016	12/31/2016	0.00	0.00	0.00	0.00	
		g. Totals:				38,210.26	17,622.38	17,622.38	
12. Remarks: Attach any explanations deemed necessary or information required by Federal sponsoring agency in compliance with governing legislation:									
13. Certification: By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and intent set forth in the award documents. I am aware that any false, fictitious, or fraudulent information may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)									
a. Typed or Printed Name and Title of Authorized Certifying Official Levon Woodson, Sr. Accounting Manager						c. Telephone (Area code, number, and extension) 202-334-2176			
						d. Email Address lwoodson@nas.edu			
b. Signature of Authorized Certifying Official						e. Date Report Submitted (Month, Day, Year) 2/24/2017			
						14. Agency use only:			

Standard Form 425 - Revised 6/28/2010

OMB Approval Number: 0348-0061

Expiration Date: 10/31/2011

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FEDERAL FINANCIAL REPORT

(Follow form instructions)

1. Federal Agency and Organizational Element to Which Report is Submitted OSM	2. Federal Grant or Other Identifying Number Assigned by Federal Agency (To report multiple grants, use FFR Attachment) S16AC20034-0001-X461	Page 1 of 1 pages
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3. Recipient Organization (Name and complete address including Zip code) National Academies of Sciences, 500 5th Street, NW, Washington, DC 20001		<input checked="" type="checkbox"/> Quarterly <input type="checkbox"/> Semi-Annual <input type="checkbox"/> Cash <input type="checkbox"/> Accrual
--	--	--

4a. DUNS Number 41964057	4b. EIN 530196932	5. Recipient Account Number or Identifying Number (To report multiple grants, use FFR Attachment) (b) (4)	6. Report Type	7. Basis of Accounting
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8. Project/Grant Period (Month, Day, Year) From: 8/1/2016 To: 7/31/2018	9. Reporting Period End Date (Month, Day, Year) 3/31/2017
--	---

10. Transactions	Cumulative
------------------	------------

(Use lines a-c for single or multiple grant reporting)

Federal Cash (To report multiple grants, also use FFR Attachment):	
a. Cash Receipts	\$ 87,929.57
b. Cash Disbursements	\$ 137,535.15
c. Cash on Hand (line a minus b)	\$ (49,605.58)

(Use lines d-o for single grant reporting)

Federal Expenditures and Unobligated Balance:	
d. Total Federal funds authorized	\$ 1,003,533.00
e. Federal share of expenditures	\$ 137,535.15
f. Federal share of unliquidated obligations	\$ -
g. Total Federal share (sum of lines e and f)	\$ 137,535.15
h. Unobligated balance of Federal funds (line d minus g)	\$ 865,997.85

Recipient Share:	
i. Total recipient share required	
j. Recipient share of expenditures	
k. Remaining recipient share to be provided (line i minus j)	

Program Income:	
l. Total Federal program income earned	
m. Program income expended in accordance with the deduction alternative	
n. Program income expended in accordance with the addition alternative	
o. Unexpended program income (line l minus line m or line n)	

11.	a. Type	b. Rate	c. Period From	Period To	d. Base	e. Amount Charged	f. Federal Share
Indirect Expense	Fixed	G&A 23.2826%	1/1/2017	3/31/2017	71,683.40	15,741.46	15,741.46
	Fixed	FT 3.2257%	1/1/2017	3/31/2017	0.00	0.00	0.00
	Fixed	OH-Onsite 62.1189%	1/1/2017	3/31/2017	40,118.18	25,074.95	25,074.95
	Fixed	OH-Offsite 30.65%	1/1/2017	3/31/2017	0.00	0.00	0.00
g. Totals:					111,801.58	40,816.41	40,816.41

12. Remarks: Attach any explanations deemed necessary or information required by Federal sponsoring agency in compliance with governing legislation: Per Carla Garcia this report is marked awaiting the final payment. Once in receipt of final payment we will revise the SF425 and resubmit.

13. Certification: By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and intent set forth in the award documents. I am aware that any false, fictitious, or fraudulent information may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)

a. Typed or Printed Name and Title of Authorized Certifying Official Levon Woodson, Sr. Accounting Manager	c. Telephone (Area code, number, and extension) 202-334-2176
	d. Email Address lwoodson@nas.edu
b. Signature of Authorized Certifying Official	e. Date Report Submitted (Month, Day, Year) 7/13/2017
14. Agency use only:	

Standard Form 425 - Revised 6/28/2010
OMB Approval Number: 0348-0061
Expiration Date: 10/31/2011

Paperwork Burden Statement

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is 0348-0061. Public reporting burden for this collection of information is estimated to average 15 hours 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 (0348-0061), Washington, DC 20503.

FEDERAL FINANCIAL REPORT

(Follow form instructions)

1. Federal Agency and Organizational Element to Which Report is Submitted OSM	2. Federal Grant or Other Identifying Number Assigned by Federal Agency (To report multiple grants, use FFR Attachment) S16AC20034-0001-X461	Page 1 of 1 pages
---	--	------------------------------------

3. Recipient Organization (Name and complete address including Zip code) National Academies of Sciences, 500 5th Street, NW, Washington, DC 20001
--

4a. DUNS Number 41964057	4b. EIN 530196932	5. Recipient Account Number or Identifying Number (To report multiple grants, use FFR Attachment) (b) (4)	6. Report Type <input checked="" type="checkbox"/> Quarterly <input type="checkbox"/> Semi-Annual <input type="checkbox"/> Annual <input type="checkbox"/> Final	7. Basis of Accounting <input checked="" type="checkbox"/> Cash <input type="checkbox"/> Accrual
------------------------------------	-----------------------------	---	--	--

8. Project/Grant Period (Month, Day, Year) From: 8/1/2016 To: 7/31/2018	9. Reporting Period End Date (Month, Day, Year) 6/30/2017
--	---

10. Transactions (Use lines a-c for single or multiple grant reporting)	Cumulative
--	------------

Federal Cash (To report multiple grants, also use FFR Attachment):	
a. Cash Receipts	\$ 251,284.12
b. Cash Disbursements	\$ 265,526.25
c. Cash on Hand (line a minus b)	\$ (14,242.13)

(Use lines d-o for single grant reporting)	
Federal Expenditures and Unobligated Balance:	
d. Total Federal funds authorized	\$ 1,003,533.00
e. Federal share of expenditures	\$ 265,526.25
f. Federal share of unliquidated obligations	\$ -
g. Total Federal share (sum of lines e and f)	\$ 265,526.25
h. Unobligated balance of Federal funds (line d minus g)	\$ 738,006.75

Recipient Share:	
i. Total recipient share required	
j. Recipient share of expenditures	
k. Remaining recipient share to be provided (line i minus j)	

Program Income:	
l. Total Federal program income earned	
m. Program income expended in accordance with the deduction alternative	
n. Program income expended in accordance with the addition alternative	
o. Unexpended program income (line l minus line m or line n)	

11.	a. Type	b. Rate	c. Period From	Period To	d. Base	e. Amount Charged	f. Federal Share
Indirect Expense	Fixed	G&A 23.2826%	4/1/2017	6/30/2017	104,945.50	23,045.72	23,045.72
	Fixed	FT 3.2257%	4/1/2017	6/30/2017	0.00	0.00	0.00
	Fixed	OH-Onsite 62.1189%	4/1/2017	6/30/2017	47,559.35	29,725.88	29,725.88
	Fixed	OH-Offsite 30.65%	4/1/2017	6/30/2017	0.00	0.00	0.00
g. Totals:					152,504.85	52,771.59	52,771.59

12. Remarks: Attach any explanations deemed necessary or information required by Federal sponsoring agency in compliance with governing legislation:
--

13. Certification: By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and intent set forth in the award documents. I am aware that any false, fictitious, or fraudulent information may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)

a. Typed or Printed Name and Title of Authorized Certifying Official Levon Woodson, Sr. Accounting Manager	c. Telephone (Area code, number, and extension) 202-334-2176
	d. Email Address lwoodson@nas.edu
b. Signature of Authorized Certifying Official	e. Date Report Submitted (Month, Day, Year) 7/13/2017
14. Agency use only:	

Standard Form 425 - Revised 6/28/2010
OMB Approval Number: 0348-0061
Expiration Date: 10/31/2011

Paperwork Burden Statement

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is 0348-0061. Public reporting burden for this collection of information is estimated to average 1.5 hours 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 (0348-0061), Washington, DC 20503.

GRANT OR COOPERATIVE AGREEMENT MONITORING STATEMENT

Recipient Name National Academy of Sciences

Grant Number S16AC20034

Reporting Period 4/1/17 - 6/30/17

Report(s) Due Date 7/31/17

Date Received 7/14/17

Explanation if late On

I. Monitoring Actions Performed

Reviewed SF425

Validated financial information against ASAP/EMIS.

II. Findings

The SF425 matches the information in ASAP/EMIS

III. Recommended Actions

NONE

Prepared by: Yetunde Richardson, Grants Specialist

Date Jul 14, 2017

GRANT OR COOPERATIVE AGREEMENT MONITORING STATEMENT

Recipient Name National Academy of Sciences

Grant Number S16AC20034

Reporting Period 01/1/17-3/31/17

Report(s) Due Date Apr 30, 2017

Date Received Jul 13, 2017

Explanation if late: Original documentation misplaced. Requested duplicate report, received on 7/13/17

I. Monitoring Actions Performed

Reviewed SF425

Validated financial information against ASAP/EMIS.

II. Findings

The SF425 matches the information in ASAP/EMIS

III. Recommended Actions

NONE

Prepared by: Yetunde Richardson, Grants Specialist

Date Jul 14, 2017

GRANT OR COOPERATIVE AGREEMENT MONITORING STATEMENT

Recipient Name National Academy of Sciences

Grant Number S16AC20034

Reporting Period 10/1/16-12/31/16

Report(s) Due Date 11/31/17

Date Received 7/13/17

Explanation if late: Original documentation misplaced. Requested duplicate report, received on 7/13/17

I. Monitoring Actions Performed

Reviewed SF425

Validated financial information against ASAP/EMIS.

II. Findings

The SF425 matches the information in ASAP/EMIS

III. Recommended Actions

NONE

Prepared by: Yetunde Richardson, Grants Specialist

Date Jul 14, 2017

GRANT OR COOPERATIVE AGREEMENT MONITORING STATEMENT

Recipient Name National Academy of Sciences

Grant Number S16AC20034

Reporting Period 8/1/16-9/30/16

Report(s) Due Date

Date Received

Nov 10, 2016

Explanation if late:

I. Monitoring Actions Performed

Reviewed SF425

Validated financial information against ASAP/EMIS.

II. Findings

The SF425 matches the information in ASAP/EMIS

III. Recommended Actions

NONE

Prepared by: Yetunde Richardson, Grants Specialist

Date

Nov 10, 2016

GRANTS ACTION CHECKLIST

Type of Action: Initial Award

Recipient: National Academy of Sciences

Grant Number: 16A C20034

Amendment No. N/A

Grant Title: FA DC FY2016 AS NAS

Period of Performance: 08/01/2016 To 07/31/2018

Date Application Received: 07/06/2016

Date Application Accepted: 07/06/2016

Previous Funding: \$ 0.00

This Action: \$ 1,003,553.00

Total: \$ 1,003,553.00

File Section	Summary of Requested Action: Initial Award			
		Yes	No	N A
1	Application for Federal Assistance SF-424	✓		
1	Budget Information OSM-47 /-49/ other format	✓		
1	Budget Narrative (Integrated into Proposal)	✓		
1	Program Narrative OSM 51 / other format	✓		
1	SF-LLL Disclosure of Lobbying Activities (If applicable)	✓		
1	Assurance for Non-Construction/Construction Projects (SF-424B/424D)	✓		
1	Indirect Cost Rate Agreement	✓		
1	IRS 501c3 Non-Profit Designation			✓
1	Federal Financial Report SF-425			✓
1	Narrative Performance Report OSM-51 / other format	✓		
1	Tangible Personal Property Report SF-428			✓
1	Acknowledgement of Receipt of Application	✓		
3	EO 12372 Federal Register Notice			✓
2	Funding Allocation/Allotment	✓		
2	Submit Congressional Notice of Planned Award - Weekly Report			
2	Programmatic Review completed by PSD on 07/06/2016	✓		
3	Financial Capabilities Review			✓
N A	FBMS Purchase Requisition Number <u>20107378</u>	✓		
3	Risk Assessment <input checked="" type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High	✓		
3	System for Award Management (https://www.sam.gov) Active Registration & No Exclusions	✓		
3	Federal Awardee Performance Integrity Information System (https://fapiis.gov)	✓		
3	Federal Audit Clearinghouse (https://harvester.census.gov)	✓		
5	Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS) (https://www.usaspending.gov)	✓		
2	Create PRISM Award / Amendment	✓		
5	Create / Revise PRISM Milestone Plan Report	✓		
2	NFR Checklist			

Pre-Award Discussions:

40253390

FINANCIAL REVIEW

This financial review was performed in accordance with FAM 7-210 (TS)

FINDINGS

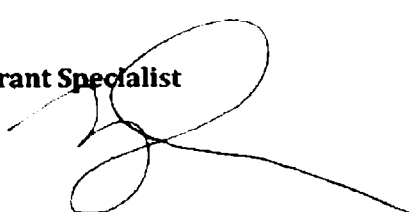
	Yes	No	N/A
Application is signed and dated by authorized official.	✓		
Budget calculations are mathematically correct.	✓		
Proposed budget will use allotted fund types appropriately.	✓		
Proposed costs are allowable.	✓		
Proposed cost items/amounts are necessary and reasonable.	✓		
Proposed non-Federal funds meet the state's required program share.			✗
Recipient has secured a 2.5:1 ratio of partner funding to OSMRE funding.			✗
Financial Report is consistent with ASAP and FBMS.			✗
Financial Report includes all contributions to the WCAP project.			✗

Additional Findings:

RECOMMENDATIONS

Reason application was not processed within _____ days allowed:

Grant Specialist



Peer Review

Management Review

PRISM Approval/Release Date:

Approved to Certify Date:

ASAP Verification Date:

Recipient Notification Date:

☐

Copy of award / amendment, ASAP verification, and recipient notice placed in File Segment 2.

FAC YR 5/24/16

NATIONAL ACADEMY OF SCIENCES

Schedule of Findings and Questioned Costs

Year ended December 31, 2014

Section I – Summary of Auditors' Reports

Financial Statements

The type of report issued on the financial statements: Unmodified opinion

Internal control over financial reporting:

- Material weaknesses identified? No
- Significant deficiencies identified that are not considered to be material weaknesses? None reported

Noncompliance material to the financial statements noted? No

Federal Awards

Internal control over major programs:

- Material weaknesses identified? No
- Significant deficiencies identified that are not considered to be material weaknesses? None reported

Type of auditors' report issued on compliance for major programs: Unmodified opinion

Any audit findings which are required to be reported under Section. 510(a) of OMB Circular A-133: Yes

- Identification of major programs: Research and Development Cluster

Dollar threshold used to distinguish between type A and type B programs: \$3,000,000

Auditee qualified as low risk auditee under Section. 530 of OMB Circular A-133 Yes

Section II – Findings Relating to the Financial Statements Reported in Accordance with *Government Auditing Standards*:

None.

NOTE: You must click [here](#) for very important D&B information. (/pages/db.aspx)

(/)

Search Data by Keyword Search Site

 Enter Keyword

An official website of the U.S. Government

Advanced Data Search (/Pages/AdvancedSearch.aspx)

[USAspending \(/Pages/default.aspx\)](#) > [Where is the Money Going \(/transparency/Pages/default.aspx\)](#) > Recipient Profile

« Go back

RECIPIENT PROFILE: NATIONAL ACADEMY OF SCIENCES

Address

2101 CONSTITUTION AVE NW
Washington, District of Columbia 20418

DUNS Number

041964057

Fiscal Year 2016 ▼

Go

[Prime Award Data](#)

[Prime Award As A Sub Data](#)

Total Funds Awarded - FY 2016

\$108,425,504

Total Number of Transactions - FY 2016

499

Total Funds Awarded as Prime - FY 2016

\$108,425,504

Total Transactions as Prime - FY 2016

499

Total Funds Awarded as Sub - FY 2016

\$0

Total Transactions as Sub - FY 2016

0

PRIME'S SUB-AWARDEES

Grants	
1. ICF INCORPORATED, L.L.C.	\$1,500,000
2. KITTELSON & ASSOCIATES, INC.	\$845,000
3. TEXAS A&M TRANSPORTATION INSTITUTE	\$795,000
4. PARSONS BRINCKERHOFF, INC.	\$724,795
5. IOWA STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY	\$599,986

[Text View and More Details on All Grants \(https://www.usaspending.gov/Pages/TextView.aspx?data=RecipientPrimeSubAwardeeByAwardType&AwardType=G&dunsnumber=041964057&fiscalyear=2016\)](https://www.usaspending.gov/Pages/TextView.aspx?data=RecipientPrimeSubAwardeeByAwardType&AwardType=G&dunsnumber=041964057&fiscalyear=2016)

TOP PRODUCTS OR SERVICES

1. Other Management Support Services	\$8,710,455
2. Other Administrative Support Services	\$8,563,425
3. Other Professional Services	\$6,564,064
4. Other Special Studies and Analyses	\$4,606,914
5. Operations Research and Quantitative Analysis Services	\$1,660,510

[Text View and More Details on Top Products/Services \(https://www.usaspending.gov/Pages/TextView.aspx?data=RecipientProductOrService&dunsnumber=041964057&fiscalyear=2016\)](https://www.usaspending.gov/Pages/TextView.aspx?data=RecipientProductOrService&dunsnumber=041964057&fiscalyear=2016)

AWARDING AGENCIES

1. Department of Transportation	\$52,577,414
2. Department of Defense	\$21,166,596
3. National Aeronautics and Space Administration	\$6,481,742
4. Department of Health and Human Services	\$6,075,708
5. U.S. Agency for International Development	\$4,769,161

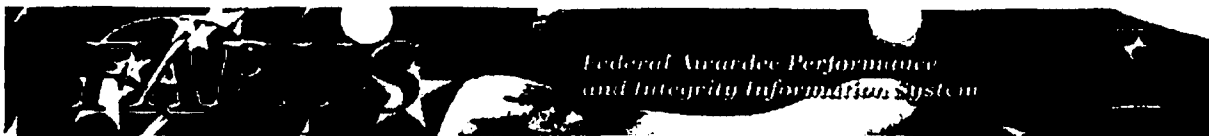
[Text View and More Details on Awarding Agencies \(https://www.usaspending.gov/Pages/TextView.aspx?data=RecipientPrimeAwardingAgency&dunsnumber=041964057&fiscalyear=2016\)](https://www.usaspending.gov/Pages/TextView.aspx?data=RecipientPrimeAwardingAgency&dunsnumber=041964057&fiscalyear=2016)

SUB-AWARDS RECEIVED

No Data Found

2016 USAspending.gov

[openbeta.usaspending.gov \(/Pages/OpenBeta.aspx\)](https://openbeta.usaspending.gov/Pages/OpenBeta.aspx) | [Data Act \(/Pages/data-act.aspx\)](https://openbeta.usaspending.gov/Pages/data-act.aspx) | [Accessibility \(/Pages/Accessibility.aspx\)](https://openbeta.usaspending.gov/Pages/Accessibility.aspx)
| [Privacy Policy \(/Pages/Privacy-Policy.aspx\)](https://openbeta.usaspending.gov/Pages/Privacy-Policy.aspx) | [Opportunities \(/Pages/opportunities.aspx\)](https://openbeta.usaspending.gov/Pages/opportunities.aspx) | [Freedom of Information Act \(/Pages/FOIA.aspx\)](https://openbeta.usaspending.gov/Pages/FOIA.aspx)

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[Back](#)**Search Results**

Entity: NATIONAL ACADEMY OF SCIENCES

DUNS: 041964057

[View Corporate Relationships](#)

CAGE: 1D969

FAPIIS Data	Records	Count
Administrative Agreement	No	0
Defective Pricing	No	0
DoD Determination of Contractor Fault	No	0
Non-Responsibility Determination	No	0
Recipient Not-Qualified Determination	No	0
Termination for Cause	No	0
Termination for Default	No	0
Termination for Material Failure to Comply	No	0

Proceedings Information as Entered by the Entity in SAM.gov

- Question: Does your business or organization (represented by the DUNS number on this specific Entity Management section of SAM record) have current active Federal contracts and/or grants with total value (including any exercised/unexercised options) greater than \$10,000,000?

***Contractor Response: **Yes**

- Question: Within the last five years, has your business or organization (represented by the DUNS number on this specific Entity Management section of SAM record) and/or any of its principals, in connection with the award to or performance by your business or organization of a Federal contract or grant, been the subject of a Federal or State (1) criminal proceeding resulting in a conviction or other acknowledgment of fault; (2) civil proceeding resulting in a finding of fault with a monetary fine, penalty, reimbursement, restitution, and/or damages greater than \$5,000, or other acknowledgment of fault; and/or (3) administrative proceeding resulting in a finding of fault with either a monetary fine or penalty greater than \$5,000 or reimbursement, restitution, or damages greater than \$100,000, or other acknowledgment of fault?

Contractor Response: **No*SAM Exclusion Data**

*** No matching Performance Information section of SAM records were found based on the search criteria information we have. You may want to search the Performance Information section of SAM directly.

USER NAME

PASSWORD



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Entity Dashboard

- Entity Overview
- Entity Registration
 - Core Data
 - Assertions
 - Reps & Certs
 - POCs
- Exclusions
 - Active Exclusions
 - Inactive Exclusions
 - Excluded Family Members

[RETURN TO SEARCH](#)

Entity Overview

Entity Registration Summary

Name: National Academy of Sciences
Business Type: Business or Organization
Last Updated By: DAVID WESTBROOK
Registration Status: Active
Activation Date: 01/28/2016
Expiration Date: 01/27/2017

Exclusion Summary

Active Exclusion Records? No

SAM | System for Award Management 1.0

IBM v1.P.48.20160624-1124

WWW4

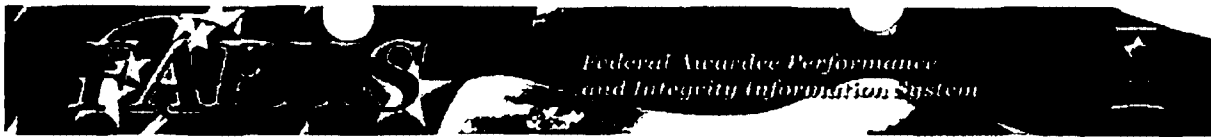
Note to all Users: This is a Federal Government computer system. Use of this system constitutes consent to monitoring at all times.



Sam.gov

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11/16/16

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Search Results

Entity: NATIONAL ACADEMY OF SCIENCES

DUNS: 041964057

CAGE: 1D969

[View Corporate Relationships](#)

FAPIIS Data	Records	Count
Administrative Agreement	No	0
Defective Pricing	No	0
DoD Determination of Contractor Fault	No	0
Non-Responsibility Determination	No	0
Recipient Not-Qualified Determination	No	0
Termination for Cause	No	0
Termination for Default	No	0
Termination for Material Failure to Comply	No	0

Proceedings Information as Entered by the Entity in SAM.gov

- Question: Does your business or organization (represented by the DUNS number on this specific Entity Management section of SAM record) have current active Federal contracts and/or grants with total value (including any exercised/unexercised options) greater than \$10,000,000?
***Contractor Response: **Yes**
- Question: Within the last five years, has your business or organization (represented by the DUNS number on this specific Entity Management section of SAM record) and/or any of its principals, in connection with the award to or performance by your business or organization of a Federal contract or grant, been the subject of a Federal or State (1) criminal proceeding resulting in a conviction or other acknowledgment of fault; (2) civil proceeding resulting in a finding of fault with a monetary fine, penalty, reimbursement, restitution, and/or damages greater than \$5,000, or other acknowledgment of fault; and/or (3) administrative proceeding resulting in a finding of fault with either a monetary fine or penalty greater than \$5,000 or reimbursement, restitution, or damages greater than \$100,000, or other acknowledgment of fault?
***Contractor Response: **No**

SAM Exclusion Data

*** No matching Performance Information section of SAM records were found based on the search criteria information we have. You may want to [search the Performance Information section of SAM directly at](#)

5. Use the Office of Surface Mining Reclamation and Enforcement (OSMRE)-specific risk assessment checklist to conduct the assessment. See Attachment I for this checklist.
6. Develop a monitoring strategy based on the results of the assessment.
7. Implement the monitoring strategy and document your results.

Instructions: This checklist shall be completed prior to new award for a recipient for the purpose of establishing a monitoring strategy that will contribute to the overall bureau-specific monitoring plan. If the preparer has selected "N/A" for a risk category, a brief explanation shall be provided in the Comments Section of the form.

CFDA Number(s) 15.255 **CFDA Program Name(s)** Applied Science Award **Number(s)** S16AC20034

Total Funds Awarded \$ 1,003,553 **Recipient Name** National Academy of Science

Project Title(s) and Location Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia
Contract/Financial Assistance Specialist Yetunde Richardson **Technical Staff Person** Joshua Rockwell, Michael Kuhns

Scale for Risk Evaluation

Label	Description
Not Applicable or N/A	<p>Definition: A commonly used abbreviation used for entering nothing in a form or table field because no data are relevant to the situation.</p> <ul style="list-style-type: none"> A risk category does not apply to either the program requirements or recipient.
Low	<p>Definition: Low inherent risk exists where the volume, size, or nature of the activity is such that even if the internal controls have weaknesses, the risk of loss is remote, or if a loss would occur, it would have little negative impact on the recipient's overall financial condition, the program's compliance with federal financial assistance requirements, or program statutory requirements.</p> <ul style="list-style-type: none"> A recipient requests a site visit or desk audit review for the purpose of technical assistance. A recipient who has submitted timely Single Audit, financial and technical reports.

	<ul style="list-style-type: none"> • Single Audit finding such as adverse opinions that specifically impacts award implementation. • It has been more than one year since the recipient received a Single Audit. • Bureau staff, citizen or recipient employee has reported waste, fraud or abuse.
--	---

<u>RISK CATEGORY</u>	<u>RISK DESCRIPTION</u>	<u>RATING LABEL: N/A, Low, Medium, or High</u>	<u>COMMENT</u>
1. Award(s) Priority	How important is the grant/cooperative agreement(s) awarded to the recipient within the context of the awarding office's goals and objective?		AML-HIGH; REG-MED; ALL OTHERS LOW
2. Award(s) Potential for Implementation Problems	What is the potential for implementation problems (with high being a highly complex award with the greatest potential for problems)?		AML & REG - MED; ALL OTHERS HIGH

	<ul style="list-style-type: none"> - More than 2 (High Risk) <p>e. Findings for Non-Compliance for Federal Awards:</p> <ul style="list-style-type: none"> - None (LOW) - 1 or more (HIGH) 		
13. Bureau-Specific Risk Category		Low	
<p>FINAL RISK CATEGORY AND MONITORING LEVEL (Low, Medium or High Risk): CIRCLE ONE</p> <p style="text-align: center;">LOW</p>			

Basis for Monitoring Level Decision: The above Risk Category and Monitoring level is based on one or more of the following factors: our award history with the recipient, the recipient's performance history, annual evaluations of the recipients, and the level of risk factors rated.

NFR DOI-2010-800 Pre-Award Document Review Checklist				
Grant/Cooperative Agreement #:	S16ACC20034			
Recipient:	NAS			
Program:	Applied Science			
	Grant Specialist	Date	Reviewer	Date
Award was created from the applicable funding opportunity	YR	7/22/2016	JB	7/22/2016
Draft award document includes correct CFDA	YR	7/22/2016	JB	7/22/2016
Draft award document includes appropriate terms & conditions	YR	7/22/2016	JB	7/22/2016
This checklist MUST be filed in the official grant/cooperative agreement folder				

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

January 25, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

Please find below a quarterly progress report for the National Academies of Sciences, Engineering, and Medicine (NASEM) project referenced above. It covers the period October 1 - December 31, 2016.

Activities undertaken in this quarter:

NASEM staff vetted potential nominees for committee membership. There were over 240 names that were submitted for consideration in response to the call for nominations. In addition, staff gathered background information, discussed the study with the Mountaintop Removal interagency group, and contacted OSMRE to discuss study schedule committee processes.

The first committee meeting is scheduled for March 7-8, 2017, in Washington DC. The meeting will be held at the Keck Center (500 5th St NW).

Activities anticipated in the next quarter:

NASEM staff will receive internal approval for the provisional committee and post membership onto the National Academies Current Project Systems website for a 20-day comment period.

Staff will determine the availabilities of provisional committee members for additional committee meetings, gather and disseminate background material for the committee, and plan and execute the first meeting. Future meeting dates will be provided to OSMRE as soon as possible.

Difficulties Encountered:

None, although please note that the milestone to have the committee approved is slightly behind schedule. Committee membership is critical to the project's success, so staff did not want to sacrifice quality in an effort to meet a specific time milestone. Staff are working on other methods to tighten the study schedule, particularly once the committee is approved.

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

April 24, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

Please find below a quarterly progress report for the National Academies of Sciences, Engineering, and Medicine (NASEM) project referenced above. It covers the period January 1 – March 31, 2017.

Activities undertaken in this quarter:

Project staff received internal approval for the provisional committee and posted it onto the National Academies Current Project Systems website for a 20-day comment period. No comments were received.

An opt-in mailing list was created to provide updates to the study, including future meetings and opportunities to provide input. This was sent to a list of contacts in government, industry, environmental, and public health fields.

The project director submitted a preliminary schedule of planned committee meetings, which has since been slightly modified. These are:

- March 7-8 Washington, DC
- May 22-24 West Virginia
- July 11-12 Washington, DC (*was originally June 20-22 in Kentucky*)
- August 21-23 Kentucky
- Meeting 5 Date and location to be determined

The first committee meeting was held on March 7-8, 2017, in Washington DC. The meeting was held at the Keck Center (500 5th St NW) and included an open session with presentations from OSMRE, USGS, and VA DEQ. The agenda for this meeting is included as Attachment 1.

The committee also held several teleconferences during this period to advance their study progress.

Activities anticipated in the next quarter:

The second committee meeting is scheduled for May 22-24, 2017, at the Chief Logan Lodge (1000 Conference Center Dr, Logan, WV, 25601). The open session will be held on the afternoon of May 23, and there will be a town hall public forum the evening of May 23. Invitees for this meeting include state agencies from Virginia and West Virginia, coal industry representatives, and local environmental groups.

Planning for the third and fourth meetings will also happen in this quarter. The committee is also planning for its third meeting, which will be held on July 11-12 in Washington, DC. The venue was moved from Kentucky to DC because people representing health studies with opposing claims will be invited, and NASEM staff felt a neutral venue would be important to ensure a substantive discussion. The fourth meeting will be held in Kentucky, and will include invited representatives from Kentucky and Tennessee state agencies.

Difficulties Encountered:

None at this time.

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

Committee Meeting 1
March 7, 2017

Keck Center
500 5th St NW
Washington, DC 20001

OPEN SESSION AGENDA

Tuesday, March 7 – Room 100

Registration opens at 1:30 p.m.

- | | | |
|-----------|--|---|
| 1:45 p.m. | Welcome and Introductions | <i>Paul Locke, Committee Chair</i> |
| 2:00 p.m. | Study Origin and Objectives | <i>Office of Surface Mining Reclamation
And Enforcement (OSMRE)</i> |
| 2:30 p.m. | Discussion with Federal and State Agencies <ul style="list-style-type: none">• <i>U.S. Geological Survey – Bill Orem, Project Chief, Environmental Health Effects of Energy Resources</i>• <i>Virginia Department of Health – Dwight Flammia, Public Health Toxicologist</i> | |
| 3:45 p.m. | Public Comment Period
<i>Each speaker has a maximum time limit of 3 minutes. Accompanying written materials are encouraged.</i> | |
| 4:15 p.m. | <i>Open Session adjourns</i> | |

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

July 26, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

Please find below a quarterly progress report for the National Academies of Sciences, Engineering, and Medicine (NASEM) project referenced above. It covers the period April 1 – June 30, 2017.

Activities undertaken in this quarter:

The second committee meeting was May 22-24, 2017, at the Chief Logan Lodge in Logan, WV. There was a site visit on May 22, an open session on May 23, and a town hall public forum on the evening of May 23. Invitees for this meeting included state agencies from Virginia and West Virginia, local environmental groups, and the coal industry. May 24 was a closed session for committee and staff only. The agenda is included as Attachment 1.

We continue to use the opt-in mailing list to provide study updates to a wide variety of stakeholders and interested parties.

Activities anticipated in the next quarter:

Meeting 3 is July 11-13, 2017, at the Keck Center of the National Academies in Washington, DC. This meeting will focus on recent studies of potential human health effects from surface coal mining operations. There will be two open sessions on July 11 and 12 with panelists and speakers on this topic. July 13 will be a closed session for committee and staff only.

Meeting 4 is scheduled for Aug 21-23, 2017 in Kentucky (Hazard and Lexington). There will be a site visit on Monday, August 21, followed by a town hall that evening. The open session will be on the afternoon of Tuesday, August 22, and will include invited representatives from Kentucky and Tennessee state agencies and other experts. Wednesday, August 23 will be a closed session.

*Progress Report for Cooperative Agreement S16AC20034
April 1 – June 30, 2017*

Meeting 5 dates are Oct 24-26, and will be entirely closed session. The committee is likely to use an Academies facility in Woods Hole, MA.

The committee also expects to have 1-2 webinars with outside experts. These will be publicly available to call in to and listen to. The first is scheduled with Dr. Jonathan Borak on August 15 at 3pm EDT. More information will be provided before the webinar.

Difficulties Encountered:

We anticipate that a sixth meeting might be needed for deliberation and consensus building, because Meetings 2-4 had or will have significant amounts of time allocated to town halls, site visits, and open sessions. This limited the amount of time the committee was/will be able to spend in closed session. While we hope Meeting 5 will make up for the lack of closed session time, the committee would like a contingency plan in case another meeting.

This would not result in an increase in the cost of the study. Instead, staff would reallocate funds from staff time to accommodate any additional travel needed. It may lead to a one-month delay in the timeframe.

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

Committee Meeting 2
Tuesday, May 23, 2017
Conference Center

Chief Logan Lodge, Hotel and Conference Center
1000 Conference Center Drive
Logan, WV 25601
(304) 792-7125

OPEN SESSION AGENDA

For more information or to register to attend, email rchappetta@nas.edu or call 202-334-2766.

- 12:45 p.m. **Welcome and Introductions** *Paul Locke, Committee Chair*
- 1:00 p.m. **Discussion with State Agencies**
- Barbara Taylor, Deputy Commissioner of Health Protection, WV Bureau for Public Health
 - Lewis Halstead, Deputy Director, WV Department of Environmental Protection
 - Joey O'Quinn, Division of Mined Land Reclamation, VA Department of Mines, Minerals, and Energy
- 2:30 p.m. **Recap of Site Visit** *Paul Locke, Committee Chair*
- 2:40 p.m. **Discussion with West Virginia Coal Association** *Jason Bostic, Vice President*
- 3:00 p.m. **Environmental Group Panel**
- Natalie Thompson, Ohio Valley Environmental Coalition
 - Vernon Haltom, Coal River Mountain Watch
 - Cindy Rank, West Virginia Highlands Conservancy
- 4:00 p.m. *Open Session adjourns – 15 minute break*
-

6:30 p.m. **Town Hall Forum**

As part of a study examining the potential relationship between health risks and living near surface coal mining or reclamation sites, the National Academies will hold a town hall to gain insights and information from people living in the surrounding communities. The National Academies study committee invites community members to attend and share their perspectives on this topic. The focus of the study is people living near coal-mining areas rather than on occupational health of coal mine workers.

More information on the study can be found here: <http://www8.nationalacademies.org/cp/projectview.aspx?key=49846>

9:00 p.m. *Town Hall Forum Adjourns*

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

July 26, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

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*Progress Report for Cooperative Agreement S16AC20034
April 1 – June 30, 2017*

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Difficulties Encountered:

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Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

Committee Meeting 2
Tuesday, May 23, 2017
Conference Center

Chief Logan Lodge, Hotel and Conference Center
1000 Conference Center Drive
Logan, WV 25601
(304) 792-7125

OPEN SESSION AGENDA

For more information or to register to attend, email rchappetta@nas.edu or call 202-334-2766.

- 12:45 p.m. **Welcome and Introductions** *Paul Locke, Committee Chair*
- 1:00 p.m. **Discussion with State Agencies**
- Barbara Taylor, Deputy Commissioner of Health Protection, WV Bureau for Public Health
 - Lewis Halstead, Deputy Director, WV Department of Environmental Protection
 - Joey O'Quinn, Division of Mined Land Reclamation, VA Department of Mines, Minerals, and Energy
- 2:30 p.m. **Recap of Site Visit** *Paul Locke, Committee Chair*
- 2:40 p.m. **Discussion with West Virginia Coal Association** *Jason Bostic, Vice President*
- 3:00 p.m. **Environmental Group Panel**
- Natalie Thompson, Ohio Valley Environmental Coalition
 - Vernon Haltom, Coal River Mountain Watch
 - Cindy Rank, West Virginia Highlands Conservancy
- 4:00 p.m. *Open Session adjourns – 15 minute break*
-

6:30 p.m. Town Hall Forum

As part of a study examining the potential relationship between health risks and living near surface coal mining or reclamation sites, the National Academies will hold a town hall to gain insights and information from people living in the surrounding communities. The National Academies study committee invites community members to attend and share their perspectives on this topic. The focus of the study is people living near coal-mining areas rather than on occupational health of coal mine workers.

More information on the study can be found here: <http://www8.nationalacademies.org/cp/projectview.aspx?key=49846>

9:00 p.m. *Town Hall Forum Adjourns*

Completed NAS Meetings

Meeting Number 1

Meeting Information

Project Title: Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

PIN: DELS-BESR-16-03

Major Unit: Division on Earth and Life Studies
Health and Medicine Division

Sub Unit: Board on Earth Sciences & Resources
Board on Environmental Studies & Toxicology
Board on Health Sciences Policy

RSO: Glickson, Deborah

Subject/Focus Area: Earth Sciences; Engineering and Technology; Environment and Environmental Studies; Health and Medicine

Surface Coal Mining/Human Health Meeting 1

March 7, 2017 - March 8, 2017

Keck Center
500 5th Street, NW
Washington D.C. 20001

If you would like to attend the sessions of this meeting that are open to the public or need more information please contact:

Contact Name: Remy Chapetta
Email: rchappetta@nas.edu
Phone: 2023342766
Fax: 2023341377

Agenda:

Tuesday, March 7
Keck Center, 500 5th St NW, Washington DC 20001
Room 100

1:45 pm - Welcome and Introductions

2:00 pm - Study Origin and Objectives, OSMRE

2:30 pm - Discussion with Federal and State Agencies

3:45 pm - Public Comment Period

Each speaker has a maximum time limit of 3 minutes. Accompanying written materials are encouraged.

4:15 pm - Open Session Adjourns

Closed Session Summary Posted After the Meeting

The following committee members were present at the closed sessions of the meeting:

Paul Locke
Carmen Agouridis
Fiona Doyle
William Hopkins
Nancy Johnson
Braden Lusk
John Popp
Michael Robinson
Gregory Wellenius
Judith Zelikoff

The following topics were discussed in the closed sessions:

Bias, Conflict of Interest, and Committee Composition
Statement of Task
Open Session Presentations
Topic Overviews
Report Approach
Next Meetings

The following materials (written documents) were made available to the committee in the closed sessions:
None

Date of posting of Closed Session Summary: March 9, 2017

Meeting Number 2

Meeting Information

Project Title:	Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia
PIN:	DELS-BESR-16-03
Major Unit:	Division on Earth and Life Studies Health and Medicine Division
Sub Unit:	Board on Earth Sciences & Resources Board on Environmental Studies & Toxicology Board on Health Sciences Policy
RSO:	Glickson, Deborah
Subject/Focus Area:	Earth Sciences; Engineering and Technology; Environment and Environmental Studies; Health and Medicine

Surface Coal Mining/Human Health Meeting 2

May 22, 2017 - May 24, 2017

Chief Logan Lodge

1000 Conference Center Drive

Logan, WV 25601

If you would like to attend the sessions of this meeting that are open to the public or need more information please contact:

Contact Name: Remy Chapetta
Email: rchappetta@nas.edu
Phone: 202-334-2766
Fax:

Agenda:
Agenda

Tuesday, May 23 (room TBD)

12:45 pm Welcome and Introductions

1:00 pm Discussion with State Agencies
Barbara Taylor, Deputy Commissioner of Health Protection,
WV Bureau for Public Health
Lewis Halstead, Deputy Director,
WV Department of Environmental Protection
Joey O'Quinn, Division of Mined Land Reclamation,
VA Department of Mines, Minerals, and Energy
TBD, VA Department of Health

2:30 pm Recap of Site Visit

2:40 pm Jason Bostic, WV Coal Association

3:00 pm Environmental Group Panel
Natalie Thompson, Ohio Valley Environmental Coalition
Vernon Haltom, Coal River Mountain Watch
Cindy Rank, West Virginia Highlands Conservancy

3:45 pm Open Session Adjourns

6:30 pm Town Hall (until 9:00pm)
Closed Session Summary Posted After the Meeting

The following committee members were present at the closed sessions of the meeting:

Paul Locke
Carmen Agouridis
Fiona Doyle
Herman Gibb
William Hopkins
Nancy Johnson
Braden Lusk
John Popp
Gregory Wellenius
Judith Zelikoff

The following topics were discussed in the closed sessions:

The following topics were discussed in the closed sessions:

Mine Site Visit
Open Session Presentations
Town Hall
Report Approach
Next Meetings

The following materials (written documents) were made available to the committee in the closed sessions:
none

Date of posting of Closed Session Summary: May 31, 2017

Meeting Number 3

Meeting Information

Project Title: Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

PIN: DELS-BESR-16-03

Major Unit: Division on Earth and Life Studies
Health and Medicine Division

Sub Unit: Board on Earth Sciences & Resources
Board on Environmental Studies & Toxicology
Board on Health Sciences Policy

RSO: Glickson, Deborah

Subject/Focus Area: Earth Sciences; Engineering and Technology; Environment and Environmental Studies; Health and Medicine

Surface Coal Mining/Human Health Meeting 3

July 11, 2017 - July 12, 2017

Keck Center

500 5th Street, NW

Washington D.C. 20001

If you would like to attend the sessions of this meeting that are open to the public or need more information please contact:

Contact Name: Remy Chappetta

Email: rchappetta@nas.edu

Phone: 202-334-2766

Fax:

Agenda:

Tuesday, July 11

1:00 p.m. Welcome and Introductions

1:15 p.m. Overview of NTP/OHAT Systematic Review of Mountaintop Removal Mining

• Abee Boyles, Office of Health Assessment and Translation, National Toxicology Program, National Institute of Environmental Health Sciences

2:15 p.m. Panel 1 on Surface Coal Mining and Health Effects

• Michael Hendryx, Indiana University Bloomington

- Travis Knuckles, West Virginia University
- Jay Christian, University of Kentucky

3:45 p.m. Public Comment Period

4:00 p.m. Open Session Adjourns

Wednesday, July 12

9:00 a.m. Welcome and Introductions

9:15 a.m. Discussion of State Health Concerns

- Rahul Gupta, Commissioner, West Virginia Bureau for Public Health

10:00 a.m. Panel 2 on Surface Coal Mining and Health Effects

- Evelyn Talbott, University of Pittsburgh
- Susan Meacham, Edward Via College of Osteopathic Medicine
- Steve Lamm, Georgetown University

11:15 a.m. Public Comment Period

11:30 a.m. Open Session Adjourns

Closed Session Summary Posted After the Meeting

The following committee members were present at the closed sessions of the meeting:

Paul Locke
Carmen Agourdis
Fiona Doyle
Herman Gibb
William Hopkins
Nancy Johnson
Mike Robinson
Gregory Wellenius
Judith Zelikoff

The following topics were discussed in the closed sessions:

Open Session Presentations
Background Reading
Report Outline
Writing Assignments
Next Meetings

The following materials (written documents) were made available to the committee in the closed sessions:
None

Date of posting of Closed Session Summary: July 21, 2017

Meeting Number 4

Meeting Information

Project Title: Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

PIN: DELS-BESR-16-03

Major Unit: Division on Earth and Life Studies
Health and Medicine Division

Sub Unit: Board on Earth Sciences & Resources
Board on Environmental Studies & Toxicology
Board on Health Sciences Policy

RSO: Glickson, Deborah

Subject/Focus Area: Earth Sciences; Engineering and Technology; Environment and Environmental Studies; Health and Medicine

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia
August 15, 2017 - August 15, 2017
Online Webinar

If you would like to attend the sessions of this meeting that are open to the public or need more information please contact:

Contact Name: Remy Chappetta
Email: rchappetta@nas.edu
Phone: 202-334-2766
Fax:

Agenda:
3:00pm - 4:00pm Webinar with Dr. Jonathan Borak and Martin Slade

To ensure call quality, please follow these instructions

1. Five minutes before the call starts, use the following link to access the webinar:
<https://nationalacademies.webex.com/nationalacademies/j.php?MTID=m0336e79b5d3adc2b2caccb0ea3d70dc4>
 2. Allow a few minutes for the meeting to load or to download Webex software if needed
 3. Once the meeting as opened, look for the icon that looks like a phone with the text "Connect to Audio." Click this button or "More Options"
 4. For best audio, select the "Call Me" option
 5. Enter your phone number and you will receive a call linking you to the meeting
- E-mail Remy Chappetta at rchappetta@nas.edu if you experience any issues joining or during the call.

Meeting Number 5

Meeting Information

Project Title: Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

PIN: DELS-BESR-16-03

Major Unit: Division on Earth and Life Studies
Health and Medicine Division

Sub Unit: Board on Earth Sciences & Resources
Board on Environmental Studies & Toxicology
Board on Health Sciences Policy

RSO: Glickson, Deborah

Subject/Focus Area: Earth Sciences; Engineering and Technology; Environment and Environmental Studies; Health and Medicine

Surface Coal Mining/Human Health Meeting 3

July 11, 2017 - July 12, 2017

Keck Center
500 5th Street, NW
Washington D.C. 20001

If you would like to attend the sessions of this meeting that are open to the public or need more information please contact:

Contact Name: Remy Chappetta
Email: rchappetta@nas.edu
Phone: 202-334-2766
Fax:

Agenda:

Tuesday, July 11

1:00 p.m. Welcome and Introductions

1:15 p.m. Overview of NTP/OHAT Systematic Review of Mountaintop Removal Mining

• Abee Boyles, Office of Health Assessment and Translation, National Toxicology Program, National Institute of Environmental Health Sciences

2:15 p.m. Panel 1 on Surface Coal Mining and Health Effects

- Michael Hendryx, Indiana University Bloomington
- Travis Knuckles, West Virginia University
- Jay Christian, University of Kentucky

3:45 p.m. Public Comment Period

4:00 p.m. Open Session Adjourns

Wednesday, July 12

9:00 a.m. Welcome and Introductions

9:15 a.m. Discussion of State Health Concerns

- Rahul Gupta, Commissioner, West Virginia Bureau for Public Health

10:00 a.m. Panel 2 on Surface Coal Mining and Health Effects

- Evelyn Talbott, University of Pittsburgh
- Susan Meacham, Edward Via College of Osteopathic Medicine
- Steve Lamm, Georgetown University

11:15 a.m. Public Comment Period

11:30 a.m. Open Session Adjourns

Closed Session Summary Posted After the Meeting

The following committee members were present at the closed sessions of the meeting:

Paul Locke
Carmen Agouridis
Fiona Doyle
Herman Gibb
William Hopkins
Nancy Johnson
Mike Robinson
Gregory Wallenius
Judith Zelikoff

The following topics were discussed in the closed sessions:

Open Session Presentations
Background Reading
Report Outline
Writing Assignments
Next Meetings

The following materials (written documents) were made available to the committee in the closed sessions:

None

Date of posting of Closed Session Summary: July 21, 2017

END

Programmatic Review Checklist for OSMRE Financial Assistance Programs
(For OSMRE Internal Use Only)
Version 5



Scope and Purpose of Review:

Program monitoring addresses the content and substance of the program. It is a qualitative review to determine performance, innovation, and contributions. It assesses whether award activities are consistent with the program narrative/work plan or proposed project activities identified in the application or agreement, and comply with statutory regulations and other policy guidelines. It also evaluates program outcomes and monitors administrative activities to ensure compliance with award terms & conditions and reporting requirements.

Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtml>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

1st Qrt Progress Review-Period Ending December 31st, 2017.

Findings - Initial Application:

	<u>Yes</u>	<u>No</u>	<u>N/A</u>
Objectives and Need for Assistance explains why the assistance is needed and states what the grant's primary and secondary objectives are.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Results and Benefits Expected describe how public health and safety will be protected and the environment or life of coalfield citizens will be improved during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Approach outlines the plan of action for the proposed scope of work as well as criteria and methodology to be used to evaluate results during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of Personnel and type of positions identified will adequately support the proposed program work to be accomplished during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The number of trips and purpose of travel are necessary for successful performance of proposed work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment identified is required for successful performance of proposed program work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Conducted AML subaccount review. Funding requested is consistent with the program objectives of the grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Supplies listed are needed to complete proposed program work during this grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Contractual services identified are essential to the successful performance of proposed work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other cost items identified are necessary expenses that must be incurred to meet program objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings - Report Monitoring

Reported activities are in compliance with the approved plan and Federal regulations.
Performance report compares the planned activities to actual accomplishments.
Performance report provides explanation for any/all deviations from the approved plan.
Recipient has met / will meet the objectives of the approved plan within the established performance period.
Conducted AML Sub-account review. Funding usage is consistent with the program objectives of the grant.

Yes	No	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
Established goals were met or an acceptable explanation was provided for why they were not met.
Quantitative data was provided on the output of the completed project(s) or program activity.
Conducted AML Sub-account review. Funding usage was consistent with the program objectives of the grant.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Watershed Cooperative Agreements Only

As built plan was included in the Closeout Project Performance Narrative.
Project partner(s) participation went according to plan.
Description, quantity, and calculated value of in-kind services or materials was included.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations**Yes** **No****Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary.**

During the first-quarter of this eight-quarter cooperative agreement, NAS has successfully kept the project on track according to the cooperative agreement terms. NAS has assigned Deb Glickson to manage the project, and she is doing a great job transitioning into this role. The primary work effort for this period was starting to establish the NAS Committee for the project. Everything appears to be running as planned for this period.

Prepared by: Joshua S. Rackwell

Date: 7/13/17

Reviewed by: Michael F. Kuhns

Date: 7/13/17

Approved by: Yetunde Richardson

Date: 7/13/17

Programmatic Review Checklist for OSMRE Financial Assistance Programs
(For OSMRE Internal Use Only)
Version 5



Scope and Purpose of Review:

Program monitoring addresses the content and substance of the program. It is a qualitative review to determine performance, innovation, and contributions. It assesses whether award activities are consistent with the program narrative/work plan or proposed project activities identified in the application or agreement, and comply with statutory regulations and other policy guidelines. It also evaluates program outcomes and monitors administrative activities to ensure compliance with award terms & conditions and reporting requirements.

Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shlm>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

2nd Qtr Progress Review-Period Ending March 31, 2017

Findings - Initial Application:

	<u>Yes</u>	<u>No</u>	<u>N/A</u>
Objectives and Need for Assistance explains why the assistance is needed and states what the grant's primary and secondary objectives are.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Results and Benefits Expected describe how public health and safety will be protected and the environment or life of coalfield citizens will be improved during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Approach outlines the plan of action for the proposed scope of work as well as criteria and methodology to be used to evaluate results during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of Personnel and type of positions identified will adequately support the proposed program work to be accomplished during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The number of trips and purpose of travel are necessary for successful performance of proposed work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment identified is required for successful performance of proposed program work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Conducted AML subaccount review. Funding requested is consistent with the program objectives of the grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Supplies listed are needed to complete proposed program work during this grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Contractual services identified are essential to the successful performance of proposed work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other cost items identified are necessary expenses that must be incurred to meet program objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings - Report Monitoring

Reported activities are in compliance with the approved plan and Federal regulations.
Performance report compares the planned activities to actual accomplishments.
Performance report provides explanation for any/all deviations from the approved plan.
Recipient has met / will meet the objectives of the approved plan within the established performance period.
Conducted AML Sub-account review. Funding usage is consistent with the program objectives of the grant.

Yes	No	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
Established goals were met or an acceptable explanation was provided for why they were not met.
Quantitative data was provided on the output of the completed project(s) or program activity.
Conducted AML Sub-account review. Funding usage was consistent with the program objectives of the grant.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Watershed Cooperative Agreements Only

As built plan was included in the Closeout Project Performance Narrative.
Project partner(s) participation went according to plan.
Description, quantity, and calculated value of in-kind services or materials was included.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper, if necessary.

Determinations / Recommendations**Yes** **No****Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary).**

During the second-quarter of this eight-quarter cooperative agreement, NAS has successfully kept the project on track according to the cooperative agreement terms. During this quarter, the committee membership was finalized and a proposed schedule for committee meetings and public hearings was completed. During this period, the committee held several conference calls to initiate organization and formalize their work efforts. The "town hall" meeting was also held during the quarter. The meeting was held in Washington, DC, and it included public sessions and closed door sessions.

Prepared by: Joshua S. Rockwell

Date: 7/13/17

Reviewed by: Michael F. Kuhns

Date: 7/13/17

Approved by: Yetunde Richardson

Date: 7/13/17

Programmatic Review Checklist for OSMRE Financial Assistance Programs
(For OSMRE Internal Use Only)
Version 5



Scope and Purpose of Review:

Program monitoring addresses the content and substance of the program. It is a qualitative review to determine performance, innovation, and contributions. It assesses whether award activities are consistent with the program narrative/work plan or proposed project activities identified in the application or agreement, and comply with statutory regulations and other policy guidelines. It also evaluates program outcomes and monitors administrative activities to ensure compliance with award terms & conditions and reporting requirements.

Program Specialist:

Michael F. Kuhns

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/irg/fam/toc.shtml>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

3rd Qtr Progress Review-Period Ending June 30, 2017.

Findings - Initial Application:

Objectives and Need for Assistance explains why the assistance is needed and states what the grant's primary and secondary objectives are.

Results and Benefits Expected describe how public health and safety will be protected and the environment or life of coalfield citizens will be improved during the grant period.

Approach outlines the plan of action for the proposed scope of work as well as criteria and methodology to be used to evaluate results during the grant period.

Number of Personnel and type of positions identified will adequately support the proposed program work to be accomplished during the grant period.

The number of trips and purpose of travel are necessary for successful performance of proposed work under this grant.

Equipment identified is required for successful performance of proposed program work under this grant.

Conducted AML subaccount review. Funding requested is consistent with the program objectives of the grant.

Supplies listed are needed to complete proposed program work during this grant period.

Contractual services identified are essential to the successful performance of proposed work under this grant.

Other cost items identified are necessary expenses that must be incurred to meet program objectives.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings – Amendments:

	Yes	No	N/A
Performance narrative provides explanation and justification for the requested change.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Requested change is necessary to meet program objectives and achieve proposed results/benefits.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings - Report Monitoring

	Yes	No	N/A
Reported activities are in compliance with the approved plan and Federal regulations.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Performance report compares the planned activities to actual accomplishments.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Performance report provides explanation for any/all deviations from the approved plan.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Recipient has met / will meet the objectives of the approved plan within the established performance period.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Conducted AML Sub-account review. Funding usage is consistent with the program objectives of the grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Findings – Closeout

	Yes	No	N/A
Problem area(s) have been updated in e-AMLIS. Link: https://eamlis.osmre.gov/	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Established goals were met or an acceptable explanation was provided for why they were not met.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quantitative data was provided on the output of the completed project(s) or program activity.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Conducted AML Sub-account review. Funding usage was consistent with the program objectives of the grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Watershed Cooperative Agreements Only

	Yes	No	N/A
As built plan was included in the Closeout Project Performance Narrative.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Project partner(s) participation went according to plan.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Description, quantity, and calculated value of in-kind services or materials was included.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations**Yes** **No****Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary.)**

During the third-quarter of this eight-quarter cooperative agreement, NAS has successfully kept the project on track according to the cooperative agreement terms. During this quarter, Meeting 2 was held in Logan, West Virginia. The meeting included public sessions (with presentations from state agencies, a coal association, and local environmental groups), an evening "town hall" meeting, and closed door sessions. Committee members also arranged for the state coal association to take them on a field trip to see an active local surface mining operation and a coal preparation plant.

NAS staff also prepared to host Meeting 3 in Washington DC on July 11 & 12, consisting of public sessions and closed sessions. Also announced are a webinar with Dr. Jonathan Borak on August 15, and Meeting 4 in Kentucky on August 21-23, with public sessions, an evening "town hall" meeting, and closed sessions.

The public session portion of the meetings to date ran longer than anticipated, partly due to the amount of questions that the committee had for the presenters. As a result, the committee has had less time for closed sessions than planned. NAS raised the possibility that an additional closed door meeting may be needed for the committee to address the amount of data and information it has received. In the event that an additional meeting needs to be scheduled, NAS said that no cost increase would be needed to the cooperative agreement. However, an additional month may need to be added to complete the work.

Prepared by: Michael F. Kuhns

Date: 7/27/17

Reviewed by: Joshua S. Rockwell

Date: 7/27/17

Approved by: Yetunde Richardson

Date: 7/27/17

Programmatic Review Checklist for OSMRE Financial Assistance Programs

(For OSMRE Internal Use Only)

Version 5



Scope and Purpose of Review:

Program monitoring addresses the content and substance of the program. It is a qualitative review to determine performance, innovation, and contributions. It assesses whether award activities are consistent with the program narrative/work plan or proposed project activities identified in the application or agreement, and comply with statutory regulations and other policy guidelines. It also evaluates program outcomes and monitors administrative activities to ensure compliance with award terms & conditions and reporting requirements.

Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtml>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

4th Qrt Progress Review-Period Ending September 30, 2017.

Findings - Initial Application:

Objectives and Need for Assistance explains why the assistance is needed and states what the grant's primary and secondary objectives are.

Results and Benefits Expected describe how public health and safety will be protected and the environment or life of coalfield citizens will be improved during the grant period.

Approach outlines the plan of action for the proposed scope of work as well as criteria and methodology to be used to evaluate results during the grant period.

Number of Personnel and type of positions identified will adequately support the proposed program work to be accomplished during the grant period.

The number of trips and purpose of travel are necessary for successful performance of proposed work under this grant.

Equipment identified is required for successful performance of proposed program work under this grant.

Conducted AML subaccount review. Funding requested is consistent with the program objectives of the grant.

Supplies listed are needed to complete proposed program work during this grant period.

Contractual services identified are essential to the successful performance of proposed work under this grant.

Other cost items identified are necessary expenses that must be incurred to meet program objectives.

Yes No N/A

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Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings - Report Monitoring

Reported activities are in compliance with the approved plan and Federal regulations.
Performance report compares the planned activities to actual accomplishments.
Performance report provides explanation for any/all deviations from the approved plan.
Recipient has met / will meet the objectives of the approved plan within the established performance period.
Conducted AML Sub-account review. Funding usage is consistent with the program objectives of the grant.

Yes	No	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
Established goals were met or an acceptable explanation was provided for why they were not met.
Quantitative data was provided on the output of the completed project(s) or program activity.
Conducted AML Sub-account review Funding usage was consistent with the program objectives of the grant.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Watershed Cooperative Agreements Only

As built plan was included in the Closeout Project Performance Narrative.
Project partner(s) participation went according to plan.
Description, quantity, and calculated value of in-kind services or materials was included.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations**Yes** **No****Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary).**

During the fourth-quarter of this eight-quarter cooperative agreement, NAS has successfully kept the project on track according to the cooperative agreement terms. During this quarter, a public meeting was held at the Keck Center in Washington, DC. This meeting consisted of 2 public hearings and one closed session for the committee members. Also during this period, another set of public meetings were held in Kentucky. The meetings consisted of a town-hall style meeting in Hazard, KY, and open session meeting in Lexington, KY, and a closed session meeting for committee members. While in Kentucky, the committee also visited local surface coal mining operations. Additionally, during the 4th quarter, NAS hosted an open session via webinar to hear the results and findings of additional studies.

This study is currently under review by DOI, and the work has been temporarily halted, pending the review's outcome. On August 18th of this period, OSMRE ordered a halt to all activity related to study once the Kentucky meetings had been completed. At this time, NAS has halted all plans for additional work to take place in the 5th quarter. NAS is awaiting DOI's decision as per the ordered review.

Prepared by:

Joshua S. Rockwell

Date:

10/4/17

Reviewed by:

Michael F. Kuhns

Date:

10/4/17

Approved by:

Yctunde Richardson

Date:

10/4/17

[illegible]

Draw Down Request #1

From: Bautista, Jay <jbautista@osmre.gov<mailto:jbautista@osmre.gov>>

Date: Tue, Sep 20, 2016 at 8:13 AM

Subject: NAS Drawdown.

To: Joshua Rockwell <jrockwell@osmre.gov<mailto:jrockwell@osmre.gov>>, Michael Kuhns <mkuhns@osmre.gov<mailto:mkuhns@osmre.gov>>

Cc: Yetunde Richardson <yrichardson@osmre.gov<mailto:yrichardson@osmre.gov>>,

Kimberly Harper

<kharper@osmre.gov<mailto:kharper@osmre.gov>>

Josh and/or Mick,

Please see below:

On Mon, Sep 19, 2016 at 9:59 AM, Harper, Kimberly

<kharper@osmre.gov<mailto:kharper@osmre.gov>> wrote:

The National Academy of Sciences is requesting a draw down in the amount of \$706.38. Please let us

know if you approve this draw down and we will certify it in ASAP.

Thank you,

Kimberly

From: Rockwell, Joshua [jrockwell@osmre.gov]

Sent: Tuesday, September 20, 2016 8:46 AM

To: Eide, Elizabeth

Cc: Michael Kuhns

Subject: Fwd: NAS Drawdown.

NAS drawdown request for \$706.38.

Elizabeth, I need a description of what the \$706.38 was used for, so that I can approve NAS's drawdown request.

Thanks,

Josh

From: Rockwell, Joshua [mailto:jrockwell@osmre.gov]

Sent: Tuesday, September 20, 2016 10:11 AM

To: Claringbould, Katharine

Cc: Rogers, Nicholas; Eide, Elizabeth; Grosshans, Denise; Michael Kuhns

Subject: Re: Seeking your assistance. NAS Drawdown. (10003158)

Please justify your drawdown in an email to Mick Kuhns and myself at the time you electronically

request your drawdown. Describe the work performed for the cost incurred. Down the road, when NAS

is drawing down larger amounts I'd like to see multiple line items with the amount of funding requested

for each line item. Email correspondence is fine.

Thank You,

Josh

From: Rockwell, Joshua [mailto:jrockwell@osmre.gov]
Sent: Thursday, September 22, 2016 1:20 PM
To: Claringbould, Katharine
Cc: Rogers, Nicholas; Eide, Elizabeth; Grosshans, Denise; Michael Kuhns
Subject: Re: Seeking your assistance. NAS Drawdown. (10003158)

Katharine:

All of NAS's costs will be reimbursable. i.e. your draw down will pay for the work that has been completed for that draw down. Technically, they will all be "reimbursable".

There is no need for the formal invoice, just explain (in an email to Mick and I) what the \$700 plus was

used for. Travel, personnel salary, etc. An email explanation will be sufficient for future draw downs as

well, just please outline what the \$ was expended on.

Thanks,

Josh

On Thu, Sep 22, 2016 at 12:21 PM, Claringbould, Katharine <KClaringbould@nas.edu> wrote:

Hi Josh,

I am sorry for the delay in responding I was out (b) (6)

I have attached a signed copy of the invoice. Will this be sufficient support for the payment request? If this is not what you are after, can you give us some more details on what you are seeking so we can figure out how it can be achieved? For later larger payments I am also happy to include the 1035 detail if that meets your requirements.

Thanks,

Kate

Katharine Claringbould

Senior Accountant

The National Academies of Sciences, Engineering and Medicine

Office of Chief Financial Officer

500 Fifth Street, NW

Washington, DC 20001

Tel: +1-202-334-2051

kclaringbould@nas.edu<mailto:kclaringbould@nas.edu>

From: Rockwell, Joshua [mailto:jrockwell@osmre.gov]
Sent: Thursday, September 22, 2016 1:20 PM
To: Claringbould, Katharine
Cc: Rogers, Nicholas; Eide, Elizabeth; Grosshans, Denise; Michael Kuhns
Subject: Re: Seeking your assistance. NAS Drawdown. (10003158)

Katharine:

All of NAS's costs will be reimbursable. i.e. your draw down will pay for the work that has been completed for that draw down. Technically, they will all be "reimbursable".

There is no need for the formal invoice, just explain (in an email to Mick and I) what the \$700 plus was

used for. Travel, personnel salary, etc. An email explanation will be sufficient for future draw downs as

well, just please outline what the \$ was expended on.

Thanks,

Josh

On Thu, Sep 22, 2016 at 12:21 PM, Claringbould, Katharine <KClaringbould@nas.edu> wrote:

Hi Josh,

I am sorry for the delay in responding I was out (b) (6)

I have attached a signed copy of the invoice. Will this be sufficient support for the payment request? If this is not what you are after, can you give us some more details on what you are seeking so we can figure out how it can be achieved? For later larger payments I am also happy to include the 1035 detail if that meets your requirements.

Thanks,

Kate

Katharine Claringbould

Senior Accountant

The National Academies of Sciences, Engineering and Medicine

Office of Chief Financial Officer

500 Fifth Street, NW

Washington, DC 20001

Draw Down Approval #1

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Fri Sep 23 2016 08:24:17 GMT-0600 (MDT)

To:

"Bautista, Jay" <jbautista@osmre.gov>, Kimberly Harper

<kharper@osmre.gov>, Yetunde Richardson

<yrichardson@osmre.gov>

CC: Michael Kuhns <mkuhns@osmre.gov>

Subject: Re: NAS Drawdown.

All:

It took a few days for NAS's right hand to be able to talk to it's proverbial left hand, but we are now good to go. NAS has justified their draw down. You may release the funds.

Thank you,

Josh

Draw Down Request #2

"Claringbould, Katharine" <KClaringbould@nas.edu>

From: "Claringbould, Katharine" <KClaringbould@nas.edu>

Sent: Tue Nov 01 2016 07:18:28 GMT-0600 (MDT)

To: "Rockwell, Joshua" <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

CC: "Rogers, Nicholas" <NRogers@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Cheran, Ramamani" <RCheran@nas.edu>

Subject: FW: description of costs S16AC20034

Hi Joshua and Michael,

See below for a description of costs as pertains to our latest draw request in ASAP. Please let us know if you require any additional information.

Thanks,

Kate

Katharine Claringbould

Senior Accountant

The National Academies of Sciences, Engineering and Medicine

Office of Chief Financial Officer

500 Fifth Street, NW

Washington, DC 20001

Tel: +1-202-334-2051

kclaringbould@nas.edu<<mailto:kclaringbould@nas.edu>>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Wed Nov 02 2016 06:46:30 GMT-0600 (MDT)

To: "Claringbould, Katharine" <KClaringbould@nas.edu>

CC:

Michael Kuhns <mkuhns@osmre.gov>, "Rogers, Nicholas" <NRogers@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Cheran, Ramamani" <RCheran@nas.edu>

Subject: Re: FW: description of costs S16AC20034

In our last email, I suggested, as an example something more along the lines of this:

"Good enough for me. That's all we need. In the future, say a draw down of a larger amount, something along the lines of say:

NAS Drawdown request for \$25,000:

\$5,000 for labor associated with public meeting #1.

\$5,000 for labor associated with NAS administration of the project.

\$10,000 for travel for meeting #1.

\$5,000 for facility reservation/coordination for meeting #2.

Total request \$25,000

Something along these lines would be beneficial for future reviews. Please submit something of the like at the time of draw request, or even better yet, a couple of days prior to your draw.

Thank you,

Josh"

Your current description, does not identify the amount of the drawdown, nor does it break the amount down like in the example above. This is an informal breakdown, and process, but I need a little more detail.

Thank you,

Josh

"Eide, Elizabeth" <EEide@nas.edu>

From: "Eide, Elizabeth" <EEide@nas.edu>

Sent: Wed Nov 02 2016 07:08:08 GMT-0600 (MDT)

To: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Claringbould, Katharine" <KClaringbould@nas.edu>

CC:

Michael Kuhns <mkuhns@osmre.gov>, "Rogers, Nicholas"

<NRogers@nas.edu>, "Cheran, Ramamani"

<RCheran@nas.edu>

Subject: RE: FW: description of costs S16AC20034

Attachments: image001.png

Hi Josh,

The Academies drawdown request for \$9,428.70 is broken down as follows:

\$9,428.70 for labor associated with administration of the project.

Please let us know if you have further questions.

Best,

Elizabeth

Elizabeth A. Eide, Ph.D.

Director, Board on Earth Sciences and Resources

Acting Director, Water Science and Technology Board

The National Academies of Sciences, Engineering, and Medicine

500 Fifth St., NW

Washington, DC 20001

tel. 202 334 2392

Visit BESR at <http://els.nas.edu/besr>

Draw Down Approval #2

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Wed Nov 02 2016 07:17:46 GMT-0600 (MDT)

To: "Eide, Elizabeth" <EEide@nas.edu>, Kimberly Harper
<kharper@osmre.gov>

CC:

"Claringbould, Katharine" <KClaringbould@nas.edu>, Michael

Kuhns <mkuhns@osmre.gov>, "Rogers, Nicholas"

<NRogers@nas.edu>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Bautista, Jay" <jbautista@osmre.gov>,

Yetunde Richardson <yrichardson@osmre.gov>

Subject: Re: FW: description of costs S16AC20034

Attachments: image001.png

Elizabeth:

Your request for the draw is justified. Thank you.

Kimberly:

You should see a request for draw down from NAS for \$9,428.70 in ASAP. This amount may be released.

Thank you,

Josh

Draw Down Request #3

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Fri Dec 16 2016 07:32:22 GMT-0700 (MST)

To: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - Award No. S16AC20034

Attachments: image001.png

Good Morning Josh and Mick,

We are sending the next drawdown request for your approval.

NAS Drawdown request for \$17,771.11:

\$14,339.58 for labor and associated costs related to the nominations and vetting process of prospective members.

\$3,431.53 for labor and associated costs related to background research and data collection.

Total request \$17,771.11

Draw Down Approval #3

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Mon Dec 19 2016 06:30:55 GMT-0700 (MST)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

Michael Kuhns <mkuhns@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: Re: NAS Drawdown Request - Award No. S16AC20034

Attachments: image001.png

Mick and I have reviewed your request for this drawdown.

We approve your request.

Thank you,

Josh

Draw Down Request #4

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Tue Jan 10 2017 13:35:09 GMT-0700 (MST)

To: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Michael Kuhns" <mkuhns@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - January 2017 - Award No. S16AC20034

Attachments: image001.png

Josh and Mick,

This is the next NAS Drawdown request for \$22,204.08:

\$ 13,713.94 for labor and associated costs related to the nominations and vetting process of prospective members.

\$ 8,424.22 for labor and associated costs related to background research and data collection.

\$ 65.92 for other direct costs (postage and office supplies) plus its associated costs.

Total request \$22,204.08 is through expenses thru December 2016.

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: @NASEarth

Draw Down Approval #4

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Wed Jan 11 2017 05:46:36 GMT-0700 (MST)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

Michael Kuhns <mkuhns@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: Re: NAS Drawdown Request - January 2017 - Award No.
S16AC20034

Attachments: image001.png

Mick and I have reviewed your request and approve a drawdown in the amount of \$22,204.08.

Thank you,

Josh

Draw Down Request #5&6

Rogers, Nicholas <NRogers@nas.edu>

2/3/1
7

to me, Michael, Ramamani, Deborah, Elizabeth

Josh and Mick,

This is the next NAS Drawdown request for \$22,478.28:

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting 1 with the membership meetings and background research for meeting materials.

\$ 8.89 for other direct costs (photocopying and long distance phone calls) plus its associated costs.

Total request \$22,478.28 is through expenses thru January 20, 2016.

Kind regards,
Nick

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Tue Feb 21 2017 12:37:34 GMT-0700 (MST)

To: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Michael Kuhns" <mkuhns@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

Josh and Mick,

The next NAS Drawdown request for February 2017 is \$15,071.02:

\$ 12,330.78 for labor and associated costs related to planning meeting 1 with the membership from the

agenda to invited expert speakers.

\$ 3,076.84 for labor and associated costs related to background research and data collection related to the project.

Kind regards,
Nick

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>
Sent: Wed Feb 22 2017 06:58:14 GMT-0700 (MST)
To: "Rogers, Nicholas" <NRogers@nas.edu>
CC:
"jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Kimberly Harper <kharper@osmre.gov>
Subject: Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034
Attachments: image001.png

Hi Nick,

For this latest bill, there is an apparent discrepancy in the total bill amount (\$15,071.02) versus the summation of the two individual items (\$12,330.78 + \$3,076.84 = \$15,407.62).

For the previous month's bill, the total appears to be transposed from the summary of the individual items (\$22,748.28 versus \$22,478.28).

Please clarify the correct amounts for this bill and the prior month's bill.

Mick

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>
Sent: Wed Feb 22 2017 07:08:57 GMT-0700 (MST)
To: "Kuhns, Michael" <mkuhns@osmre.gov>
CC:

"jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Kimberly Harper <kharper@osmre.gov>
Subject: RE: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

Mick,

My apologies. Not sure what happened there. I think I wrote the equations wrong in excel.

January - \$22,748.26

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting I with the membership meetings and background research for meeting materials.

\$ 8.89 for other direct costs (photocopying and long distance phone calls) plus its associated costs.

February - \$15,071.02:

\$ 11,994.18 for labor and associated costs related to planning meeting I with the membership from the agenda to invited expert speakers.

\$ 3,076.84 for labor and associated costs related to background research and data collection related to the project.

Again, my apologies and I hope this clarifies.

Kind regards,

Nick Rogers

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Feb 22 2017 10:59:01 GMT-0700 (MST)

To: Joshua Rockwell <jrockwell@osmre.gov>

Subject: Fwd: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

I am fine with paying NAS the amount of \$15,071.02 (with corrected items totaling this amount)
Mick

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Mon Feb 27 2017 08:43:39 GMT-0700 (MST)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

"Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Re: NAS Drawdown Request - February 2017 - Award No.

Subject: S16AC20034

Attachments: image001.png

Was the error corrected? I don't remember seeing a corrected request?

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Mon Feb 27 2017 08:49:40 GMT-0700 (MST)

To: "Rockwell, Joshua" <jrockwell@osmre.gov>

"Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani"

CC: <RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: RE: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

Josh,

I hope the below are what you mean by the corrections.

January - \$22,748.28

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting 1 with the membership meetings and background research for meeting materials.

\$ 8.89 for other direct costs (photocopying and long distance phone calls) plus its associated costs.

February - \$15,071.02:

\$ 11,994.18 for labor and associated costs related to planning meeting 1 with the membership from the agenda to invited expert speakers.

\$ 3,076.84 for labor and associated costs related to background research and data collection related to the project.

Draw Down Approval #5&6

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Mon Feb 27 2017 08:56:13 GMT-0700 (MST)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

"Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

Nicholas:

Your February request is approved (\$15,071.02).

Thank you,

Josh

From: Harper, Kimberly <kharper@osmre.gov>

Date: Tue, Mar 7, 2017 at 7:36 AM

Subject: Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034

To: "Richardson, Yetunde" <yrichardson@osmre.gov>

Cc: Joshua Rockwell <jrockwell@osmre.gov>, Jay Bautista <jbautista@osmre.gov>

After going through all the email trail here, is this amount approved?

Thanks,

Kimberly

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Tue Mar 07 2017 08:23:53 GMT-0700 (MST)

To: "Harper, Kimberly" <kharper@osmre.gov>

CC:

"Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista

<jbautista@osmre.gov>, "Kuhns, Michael F. Mick"

<mkuhns@osmre.gov>

Subject: Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

Yes, NAS's request to draw \$15,071.02 is approved.

Draw Down Request #7

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Mon Apr 17 2017 14:39:20 GMT-0600 (MDT)

To: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Kuhns, Michael" <mkuhns@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - March 2017 - Award No. S16AC20034

Attachments: image001.png

Good Afternoon Mick and Josh,

This is the draw request for March's activities:

\$53,187.03 for labor and associated costs related to planning Meeting 1, including working with committee members, meeting logistics, and background research.

\$3,896.64 for partial travel and meeting costs for committee members to Meeting 1 (not all committee travel and meeting costs are reflected in this draw; others will follow)

\$364.38 for other direct costs (photocopying and conference calls) plus its associated costs.

\$57,448.05 March Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Apr 19 2017 07:22:23 GMT-0600 (MDT)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

"Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, Michael Kuhns <mkuhns@osmre.gov>,

"Eide, Elizabeth" <EEide@nas.edu>

Subject: Re: NAS Drawdown Request - March 2017 - Award No. S16AC20034

Attachments: image001.png

Hi Nicholas,

I am fine with the expenses for this billing cycle, but I would appreciate a further breakdown of how much of the \$3,896.64 for this period was for "partial travel" and how much was for "meeting expense". This would be consistent with the accounting breakdown in the

cooperative agreement proposal, and how I am keeping track of expenses by category.
Thanks,
Mick

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Wed Apr 19 2017 07:34:22 GMT-0600 (MDT)

To: "Kuhns, Michael" <mkuhns@osmre.gov>

CC:

"Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: RE: NAS Drawdown Request - March 2017 - Award No.
S16AC20034

Attachments: image001.png

Good Morning Mick:

Here is the break down. Let me know if you want more detail on the individual travelers:

\$3896.64 is for tickets/fees/G&A for 7 travelers that flew into DC for the meeting. Travel Expense reports for theses 7 and the others are pending.

\$0 Meeting expenses – as they take time to cycle through our system and to charge the contract.

Cheers,

Nick

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Apr 19 2017 07:55:37 GMT-0600 (MDT)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC: Joshua Rockwell <jrockwell@osmre.gov>

Subject: Re: NAS Drawdown Request - March 2017 - Award No.
S16AC20034

Attachments: image001.png

Thanks,

That is the breakdown I was interested in.

Mick

Down Approval #7

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Apr 19 2017 08:13:08 GMT-0600 (MDT)

To:

Kimberly Harper <kharp@osmre.gov>, Jay Bautista

<jbautista@osmre.gov>, "Richardson, Yetunde"

<yrichardson@osmre.gov>

CC: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns

<mkuhns@osmre.gov>

Subject: Fwd: NAS Drawdown Request - March 2017 - Award No.

S16AC20034

Attachments: image001.png

All:

Josh and I have reviewed NAS's recent request for a drawdown in the amount of \$57,448.05 for March 2017. We approve their request.

According to my records, this represents a total draw of \$145,377.62 since their first billing in September 2016.

See message strings below.

Thank you,

Mick

Draw Down Request #8

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Mon May 15 2017 15:41:54 GMT-0600 (MDT)

To: "'Kuhns, Michael'" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - April 2017 - Award No. S16AC20034

Attachments: image001.png

Good Afternoon Mick and Josh,

This is the draw request for April's activities:

\$25,485.77 for labor and associated costs related to following up on Meeting 1 (DC), planning Meeting 2 (WV) with the staff and committee, and for background research for meeting materials and report.

\$3,484.88 for partial travel expenses for committee members to Meeting 1 plus its associated costs (some committee travel on last draw)

\$949.70 for meeting costs for Meeting 1, plus its associated costs.

\$66.64 for other direct costs (conference calls with committee/staff), plus its associated costs.

\$29,986.99 April Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Draw Down Approval #8

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed May 17 2017 08:58:24 GMT-0600 (MDT)

To:

Kimberly Harper <kharper@osmre.gov>, Jay Bautista

<jbautista@osmre.gov>, "Richardson, Yetunde"

<yrichardson@osmre.gov>

CC: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns

<mkuhns@osmre.gov>

Subject: Fwd: NAS Drawdown Request - April 2017 - Award No.

S16AC20034

Attachments: image001.png

All:

Josh and I have reviewed NAS's recent drawdown request for April in the amount of \$29,986.99, and approve their request.

According to my records, this represents a total draw of \$175,364.61 (29% of Year 1 monies) since their first billing in September 2016.

See message strings below.

Thank you,

Mick

Draw Down Request #9

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Tue Jun 27 2017 06:43:37 GMT-0600 (MDT)

To: "'Kuhns, Michael'" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - May 2017 - Award No. S16AC20034

Attachments: image001.png

Good Morning Mick and Josh,

This is the draw request for May's activities:

\$1,174.11 for meeting costs for meeting 1 plus its associated costs.

\$7,378.56 for partial travel for committee members to meeting 1 plus its associated costs.

\$11,559.20 for labor and associated costs related to planning meeting 2 with the membership and background research for meeting materials.

\$10,191.94 for partial travel for committee members to meeting 2 plus its associated costs.

\$45,552.82 for labor and associated costs related to planning meeting 3 with the membership and background research for meeting materials.

\$62.88 for other direct costs (conference calls with committee/staff) plus its associated costs.

\$ 75,919.51 May Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

Draw Down Approval #9

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Wed Jun 28 2017 13:55:31 GMT-0600 (MDT)

To:

Kimberly Harper <kharper@osmre.gov>, "Bautista, Jay"

<jbautista@osmre.gov>, Yetunde Richardson

<yrichardson@osmre.gov>, "Kuhns, Michael F. Mick"

<mkuhns@osmre.gov>

Subject: NAS Drawdown For May

Kim:

I have reviewed the drawdown request (below) and approve NAS's request for \$75,919.51.

Thank you,

Josh

Good Morning Mick and Josh,

This is the draw request for May's activities:

\$1,174.11 for meeting costs for meeting 1 plus its associated costs.

\$7,378.56 for partial travel for committee members to meeting 1 plus its associated costs.

\$11,559.20 for labor and associated costs related to planning meeting 2 with the membership and background research for meeting materials.

\$10,191.94 for partial travel for committee members to meeting 2 plus its associated costs.

\$45,552.82 for labor and associated costs related to planning meeting 3 with the membership and background research for meeting materials.

\$62.88 for other direct costs (conference calls with committee staff) plus its associated costs.

\$ 75,919.51 May Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

Draw Down Request #10

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Tue Aug 01 2017 10:26:25 GMT-0600 (MDT)

To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>

Subject: RE: NAS Drawdown Request - June 2017 - Award No. S16AC20034

Attachments: image001.png

Mick and Josh,

This is the draw request for June's activities:

\$9,095.55 for labor and associated costs related to wrapping up Meeting 2 (Logan, WV in May) expenses.

\$2,215.80 for partial travel for committee members to Meeting 2, plus its associated costs.

\$12,033.44 for labor and associated costs related to planning Meeting 3 (Washington, DC in July) and background research for meeting materials.

\$3,728.13 for other direct costs (i.e., postage, ad purchases, supplies and conference calls with committee/staff), plus its associated costs.

\$ 27,072.92 June Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

Draw Down Approval #10

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Aug 02 2017 05:33:34 GMT-0600 (MDT)

To:

Kimberly Harper <kharper@osmre.gov>, Jay Bautista

<jbautista@osmre.gov>, "Richardson, Yetunde"

<yrichardson@osmre.gov>, Joshua Rockwell

<jrockwell@osmre.gov>

CC: Michael Kuhns <mkuhns@osmre.gov>

Subject: Fwd: NAS Drawdown Request - June 2017 - Award No.
S16AC20034

Attachments: image001.png

Kim:

I have reviewed the drawdown request (below) and approve NAS's request for \$27,072.92 for expenses for June 2017.

According to my calculations, the total amount they will have been paid to date would now become \$278,357.04.

Thank you,

Mick

Draw Down Request #11

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Fri Sep 15 2017 10:52:10 GMT-0600 (MDT)

To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>

Subject: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

Attachments: image001.png

Josh and Mick,

This draw request is for expenses that have been incurred through the 9-1-2017 pay period. There are still outstanding costs for Meeting 3 and 4 that will appear on future draw requests, along with the labor costs needed to process these expenses.

\$9,211.24 for partial Meeting 2 travel for committee members, plus associated costs.

\$12,593.80 for labor and associated costs related to Meeting 3.

\$10,492.81 for partial Meeting 3 travel for committee members, plus associated costs.

\$96,224.15 for labor and associated costs related to planning Meeting 4 with the committee membership, and for staff time spent working on study materials and background research for the meeting.

\$269.54 for other direct costs (copying, postage, conference calls with committee staff), plus associated costs.

\$128,791.54 TOTAL

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

Draw Down Approval #11

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Sep 20 2017 06:54:17 GMT-0600 (MDT)

To: "Rogers, Nicholas" <NRogers@nas.edu>, Kimberly Harper <kharper@osmre.gov>

CC:

"Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Richardson,

Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>,

Michael Kuhns <mkuhns@osmre.gov>

Subject: Re: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

Attachments: image001.png

Roger,

I have reviewed and approve of your draw request for \$128,791.54. I understand this covers most of the expenses you incurred for both July and August 2017, but that some additional expenses will be forthcoming in a separate draw request to cover the remaining costs of Meeting #4.

Please specify in your next draw request if it covers all of the expenses through the "halt" period issued by OSMRE Acting Director Glenda

Owens on August 18, 2018.

Kimberly --- please approve this draw request in ASAP.

Thank you,

Mick

Draw Down Request #12

From: Rogers, Nicholas <NRogers@nas.edu>

Date: Tue, Oct 24, 2017 at 2:44 PM

Subject: RE: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

Cc: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>

Josh and Mick,

This draw request is for expenses that have been incurred through the end of September. There are still outstanding costs for Meeting 4 that will appear on a future draw request, along with the labor costs needed to process these expenses.

\$1,803.67 for labor and associated costs related to Meeting 3 reimbursements.

\$14,799.04 for partial Meeting 3 travel for committee members, plus associated costs.

\$3,751.65 for labor and associated costs related to Meeting 4 reimbursements.

\$11,834.47 for partial Meeting 4 travel for committee members, plus associated costs.

\$1,610.67 for other direct costs (conference calls with committee staff), plus associated costs.

\$33,799.50 total

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

Draw Down Approval #12

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Wed Nov 01 2017 05:36:22 GMT-0600 (MDT)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

"Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, Sterling

Rideout <srideout@osmre.gov>, "Payne, Harry J." <hpayne@osmre.gov>,

Kimberly Harper <kharp@osmre.gov>, Yetunde Richardson

<yrichardson@osmre.gov>, "Bautista, Jay" <jbautista@osmre.gov>

Subject: Re: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

Attachments: image001.png

Nick:

Your draw down request in the amount of \$33,799.50 is approved.

On October 12th, we were notified that draw down requests related to meeting 4 could take up to 2 months to receive and book. Since the meeting took place the last week in August, can we assume that we will have one more draw down request since the 2 month window has now past? We would like to get all draw down requests for all work completed prior to the "halt", as well as meeting 4, wrapped up as soon as possible. Will this be accomplished with the next draw down request, and do you have an approximate estimate of what the next request will total?

v/r

Josh Rockwell

Mining Engineer/Dam Safety Officer

Office of Surface Mining, Reclamation and Enforcement

Division of Regulatory Support

1849 C. Street, NW, Mail Stop 4550

Washington, DC 20240

(202) 209-2633 work

(410) 456-8042 cell

Draw Down Request #13

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Thu Nov 16 2017 07:16:10 GMT-0700 (MST)

To: "'Kuhns, Michael'" <mkuhns@osmre.gov>, "'Rockwell, Joshua'" <jrockwell@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Spriggs, Sugi" <SSpriggs@nas.edu>

Subject: NAS Drawdown Request - Nov 2017 - Award No. S16AC20034

Attachments: image001.png

Josh and Mick,

This draw request is for expenses that have been incurred through today, 11/16/17. These are all the outstanding costs for Meeting 4 along with the labor costs needed to process these expenses. This should be the last draw on expenses incurred.

\$576.68 for labor and associated costs related to reimbursements for meeting 4 expenses.

\$13,585.43 for final travel costs for committee members to meeting 4 plus its associated costs.

\$14,162.11 total

Our usual accountant is out of the country and her replacement accidentally requested the final draw before we were able to send this approval. I believe you will have to reject that request as it was not approved by you all before it was sent and there may have been one final small charge missing. I apologize for the mistake.

Kind regards,
Nick

Nicholas D. Rogers
Financial and Research Associate
Board on Earth Sciences and Resources (BESR)
Keck Center, 614
500 Fifth Street N.W.
Washington, DC 20001
PH: (202)334-2208
Twitter: NASEM_Earth

Draw Down Approval #13

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Mon Nov 20 2017 07:26:08 GMT-0700 (MST)

To: "Kuhns, Michael" <mkuhns@osmre.gov>

CC:

Kimberly Harper <kharper@osmre.gov>, Jay Bautista

<jbautista@osmre.gov>, "Richardson, Yetunde"

<yrichardson@osmre.gov>, Harry Payne <hpayne@osmre.gov>

Subject: Re: NAS Drawdown Request - Nov 2017 - Award No. S16AC20034

Attachments: image001.png

Kim:

Mick and I have reviewed the draw down request and have approved the NAS request. You may release funds in the amount of \$14,162.11.

v/r

Josh Rockwell

Mining Engineer/Dam Safety Officer

Office of Surface Mining, Reclamation and Enforcement

Division of Regulatory Support

1849 C. Street, NW, Mail Stop 4550

Washington, DC 20240

(202) 209-2633 work

(410) 456-8042 cell

[illegible]

Draw Down Request #1

From: Bautista, Jay <jbautista@osmre.gov<mailto:jbautista@osmre.gov>>

Date: Tue, Sep 20, 2016 at 8:13 AM

Subject: NAS Drawdown.

To: Joshua Rockwell <jrockwell@osmre.gov<mailto:jrockwell@osmre.gov>>, Michael Kuhns <mkuhns@osmre.gov<mailto:mkuhns@osmre.gov>>

Cc: Yetunde Richardson <yrichardson@osmre.gov<mailto:yrichardson@osmre.gov>>,

Kimberly Harper

<kharper@osmre.gov<mailto:kharper@osmre.gov>>

Josh and/or Mick,

Please see below:

On Mon, Sep 19, 2016 at 9:59 AM, Harper, Kimberly

<kharper@osmre.gov<mailto:kharper@osmre.gov>> wrote:

The National Academy of Sciences is requesting a draw down in the amount of \$706.38. Please let us

know if you approve this draw down and we will certify it in ASAP.

Thank you,

Kimberly

From: Rockwell, Joshua [jrockwell@osmre.gov]

Sent: Tuesday, September 20, 2016 8:46 AM

To: Eide, Elizabeth

Cc: Michael Kuhns

Subject: Fwd: NAS Drawdown.

NAS drawdown request for \$706.38.

Elizabeth, I need a description of what the \$706.38 was used for, so that I can approve NAS's drawdown request.

Thanks,

Josh

From: Rockwell, Joshua [mailto:jrockwell@osmre.gov]

Sent: Tuesday, September 20, 2016 10:11 AM

To: Claringbould, Katharine

Cc: Rogers, Nicholas; Eide, Elizabeth; Grosshans, Denise; Michael Kuhns

Subject: Re: Seeking your assistance. NAS Drawdown. (10003158)

Please justify your drawdown in an email to Mick Kuhns and myself at the time you electronically

request your drawdown. Describe the work performed for the cost incurred. Down the road, when NAS

is drawing down larger amounts I'd like to see multiple line items with the amount of funding requested

for each line item. Email correspondence is fine.

Thank You,

Josh

From: Rockwell, Joshua [mailto:jrockwell@osmre.gov]
Sent: Thursday, September 22, 2016 1:20 PM
To: Claringbould, Katharine
Cc: Rogers, Nicholas; Eide, Elizabeth; Grosshans, Denise; Michael Kuhns
Subject: Re: Seeking your assistance. NAS Drawdown. (10003158)

Katharine:

All of NAS's costs will be reimbursable. i.e. your draw down will pay for the work that has been completed for that draw down. Technically, they will all be "reimbursable".

There is no need for the formal invoice, just explain (in an email to Mick and I) what the \$700 plus was

used for. Travel, personnel salary, etc. An email explanation will be sufficient for future draw downs as

well, just please outline what the \$ was expended on.

Thanks,

Josh

On Thu, Sep 22, 2016 at 12:21 PM, Claringbould, Katharine <KClaringbould@nas.edu> wrote:

Hi Josh,

I am sorry for the delay in responding I was out (b) (4)

I have attached a signed copy of the invoice. Will this be sufficient support for the payment request? If this is not what you are after, can you give us some more details on what you are seeking so we can figure out how it can be achieved? For later larger payments I am also happy to include the 1035 detail if that meets your requirements.

Thanks,

Kate

Katharine Claringbould

Senior Accountant

The National Academies of Sciences, Engineering and Medicine

Office of Chief Financial Officer

500 Fifth Street, NW

Washington, DC 20001

Tel: +1-202-334-2051

kclaringbould@nas.edu<mailto:kclaringbould@nas.edu>

From: Rockwell, Joshua [mailto:jrockwell@osmre.gov]
Sent: Thursday, September 22, 2016 1:20 PM
To: Claringbould, Katharine
Cc: Rogers, Nicholas; Eide, Elizabeth; Grosshans, Denise; Michael Kuhns
Subject: Re: Seeking your assistance. NAS Drawdown. (10003158)

Katharine:

All of NAS's costs will be reimbursable. i.e. your draw down will pay for the work that has been completed for that draw down. Technically, they will all be "reimbursable".

There is no need for the formal invoice, just explain (in an email to Mick and I) what the \$700 plus was

used for. Travel, personnel salary, etc. An email explanation will be sufficient for future draw downs as

well, just please outline what the \$ was expended on.

Thanks,

Josh

On Thu, Sep 22, 2016 at 12:21 PM, Claringbould, Katharine <KClaringbould@nas.edu> wrote:

Hi Josh,

I am sorry for the delay in responding I was out (b) (4)

I have attached a signed copy of the invoice. Will this be sufficient support for the payment request? If this is not what you are after, can you give us some more details on what you are seeking so we can figure out how it can be achieved? For later larger payments I am also happy to include the 1035 detail if that meets your requirements.

Thanks,

Kate

Katharine Claringbould

Senior Accountant

The National Academies of Sciences, Engineering and Medicine

Office of Chief Financial Officer

500 Fifth Street, NW

Washington, DC 20001

Draw Down Approval #1

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Fri Sep 23 2016 08:24:17 GMT-0600 (MDT)

To:

"Bautista, Jay" <jbautista@osmre.gov>, Kimberly Harper

<kharper@osmre.gov>, Yetunde Richardson

<yrichardson@osmre.gov>

CC: Michael Kuhns <mkuhns@osmre.gov>

Subject: Re: NAS Drawdown.

All:

It took a few days for NAS's right hand to be able to talk to it's proverbial left hand, but we are now good to go. NAS has justified their draw down. You may release the funds.

Thank you,

Josh

Draw Down Request #2

"Claringbould, Katharine" <KClaringbould@nas.edu>

From: "Claringbould, Katharine" <KClaringbould@nas.edu>

Sent: Tue Nov 01 2016 07:18:28 GMT-0600 (MDT)

To: "Rockwell, Joshua" <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

CC: "Rogers, Nicholas" <NRogers@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Cheran, Ramamani" <RCheran@nas.edu>

Subject: FW: description of costs S16AC20034

Hi Joshua and Michael,

See below for a description of costs as pertains to our latest draw request in ASAP. Please let us know if you require any additional information.

Thanks,

Kate

Katharine Claringbould

Senior Accountant

The National Academies of Sciences, Engineering and Medicine

Office of Chief Financial Officer

500 Fifth Street, NW

Washington, DC 20001

Tel: +1-202-334-2051

kclaringbould@nas.edu<mailto:kclaringbould@nas.edu>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Wed Nov 02 2016 06:46:30 GMT-0600 (MDT)

To: "Claringbould, Katharine" <KClaringbould@nas.edu>

CC:

Michael Kuhns <mkuhns@osmre.gov>, "Rogers, Nicholas" <NRogers@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Cheran, Ramamani" <RCheran@nas.edu>

Subject: Re: FW: description of costs S16AC20034

In our last email, I suggested, as an example something more along the lines of this:

"Good enough for me. That's all we need. In the future, say a draw down of a larger amount, something along the lines of say:

NAS Drawdown request for \$25,000:

\$5,000 for labor associated with public meeting #1.

\$5,000 for labor associated with NAS administration of the project.

\$10,000 for travel for meeting #1.

\$5,000 for facility reservation/coordination for meeting #2.

Total request \$25,000

Something along these lines would be beneficial for future reviews. Please submit something of the like at the time of draw request, or even better yet, a couple of days prior to your draw.

Thank you,

Josh"

Your current description, does not identify the amount of the drawdown, nor does it break the amount down like in the example above. This is an informal breakdown, and process, but I need a little more detail.

Thank you,

Josh

"Eide, Elizabeth" <EEide@nas.edu>

From: "Eide, Elizabeth" <EEide@nas.edu>

Sent: Wed Nov 02 2016 07:08:08 GMT-0600 (MDT)

To: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Claringbould, Katharine" <KClaringbould@nas.edu>

CC:

Michael Kuhns <mkuhns@osmre.gov>, "Rogers, Nicholas"

<NRogers@nas.edu>, "Cheran, Ramamani"

<RCheran@nas.edu>

Subject: RE: FW: description of costs S16AC20034

Attachments: image001.png

Hi Josh,

The Academies drawdown request for \$9,428.70 is broken down as follows:

\$9,428.70 for labor associated with administration of the project.

Please let us know if you have further questions.

Best,

Elizabeth

Elizabeth A. Eide, Ph.D.

Director, Board on Earth Sciences and Resources

Acting Director, Water Science and Technology Board

The National Academies of Sciences, Engineering, and Medicine

500 Fifth St., NW

Washington, DC 20001

tel. 202 334 2392

Visit BESR at <http://del.nas.edu/besr>

Draw Down Approval #2

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Wed Nov 02 2016 07:17:46 GMT-0600 (MDT)

To: "Eide, Elizabeth" <EEide@nas.edu>, Kimberly Harper
<kharper@osmre.gov>

CC:

"Claringbould, Katharine" <KClaringbould@nas.edu>, Michael

Kuhns <mkuhns@osmre.gov>, "Rogers, Nicholas"

<NRogers@nas.edu>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Bautista, Jay" <jbautista@osmre.gov>,

Yetunde Richardson <yrichardson@osmre.gov>

Subject: Re: FW: description of costs S16AC20034

Attachments: image001.png

Elizabeth:

Your request for the draw is justified. Thank you.

Kimberly:

You should see a request for draw down from NAS for \$9,428.70 in ASAP. This amount may be released.

Thank you,

Josh

Draw Down Request #3

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Fri Dec 16 2016 07:32:22 GMT-0700 (MST)

To: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - Award No. S16AC20034

Attachments: image001.png

Good Morning Josh and Mick,

We are sending the next drawdown request for your approval.

NAS Drawdown request for \$17,771.11:

\$14,339.58 for labor and associated costs related to the nominations and vetting process of prospective members.

\$3,431.53 for labor and associated costs related to background research and data collection.

Total request \$17,771.11

Draw Down Approval #3

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Mon Dec 19 2016 06:30:55 GMT-0700 (MST)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

Michael Kuhns <mkuhns@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: Re: NAS Drawdown Request - Award No. S16AC20034

Attachments: image001.png

Mick and I have reviewed your request for this drawdown.

We approve your request.

Thank you,

Josh

Draw Down Request #4

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Tue Jan 10 2017 13:35:09 GMT-0700 (MST)

To: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Michael Kuhns" <mkuhns@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - January 2017 - Award No. S16AC20034

Attachments: image001.png

Josh and Mick,

This is the next NAS Drawdown request for \$22,204.08:

\$ 13,713.94 for labor and associated costs related to the nominations and vetting process of prospective members.

\$ 8,424.22 for labor and associated costs related to background research and data collection.

\$ 65.92 for other direct costs (postage and office supplies) plus its associated costs.

Total request \$22,204.08 is through expenses thru December 2016.

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: @NASEarth

Draw Down Approval #4

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Wed Jan 11 2017 05:46:36 GMT-0700 (MST)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

Michael Kuhns <mkuhns@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: Re: NAS Drawdown Request - January 2017 - Award No.
S16AC20034

Attachments: image001.png

Mick and I have reviewed your request and approve a drawdown in the amount of \$22,204.08.

Thank you,

Josh

Draw Down Request #5&6

Rogers, Nicholas <NRogers@nas.edu>

2/3/17

to me, Michael, Ramamani, Deborah, Elizabeth

Josh and Mick,

This is the next NAS Drawdown request for \$22,478.28:

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting 1 with the membership meetings and background research for meeting materials.

\$ 8.89 for other direct costs (photocopying and long distance phone calls) plus its associated costs.

Total request \$22,478.28 is through expenses thru January 20, 2016.

Kind regards,
Nick

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Tue Feb 21 2017 12:37:34 GMT-0700 (MST)

To: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Michael Kuhns" <mkuhns@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

Josh and Mick,

The next NAS Drawdown request for February 2017 is \$15,071.02:

\$ 12,330.78 for labor and associated costs related to planning meeting 1 with the membership from the

agenda to invited expert speakers.

\$ 3,076.84 for labor and associated costs related to background research and data collection related to the project.

Kind regards,
Nick

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>
Sent: Wed Feb 22 2017 06:58:14 GMT-0700 (MST)
To: "Rogers, Nicholas" <NRogers@nas.edu>
CC:
"jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Kimberly Harper <kharper@osmre.gov>
Subject: Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034
Attachments: image001.png

Hi Nick,

For this latest bill, there is an apparent discrepancy in the total bill amount (\$15,071.02) versus the summation of the two individual items (\$12,330.78 + \$3,076.84 = \$15,407.62).

For the previous month's bill, the total appears to be transposed from the summary of the individual items (\$22,748.28 versus \$22,478.28).

Please clarify the correct amounts for this bill and the prior month's bill.

Mick

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>
Sent: Wed Feb 22 2017 07:08:57 GMT-0700 (MST)
To: "Kuhns, Michael" <mkuhns@osmre.gov>
CC:

"jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Kimberly Harper <kharper@osmre.gov>
Subject: RE: NAS Drawdown Request - February 2017 - Award No. S16AC20034
Attachments: image001.png

Mick,

My apologies. Not sure what happened there. I think I wrote the equations wrong in excel.

January - \$22,748.26

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting I with the membership meetings and background research for meeting materials.

\$ 8.89 for other direct costs (photocopying and long distance phone calls) plus its associated costs.

February - \$15,071.02:

\$ 11,994.18 for labor and associated costs related to planning meeting I with the membership from the agenda to invited expert speakers.

\$ 3,076.84 for labor and associated costs related to background research and data collection related to the project.

Again, my apologies and I hope this clarifies.

Kind regards,

Nick Rogers

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Feb 22 2017 10:59:01 GMT-0700 (MST)

To: Joshua Rockwell <jrockwell@osmre.gov>

Subject: Fwd: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

I am fine with paying NAS the amount of \$15,071.02 (with corrected items totaling this amount)
Mick

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Mon Feb 27 2017 08:43:39 GMT-0700 (MST)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

"Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Re: NAS Drawdown Request - February 2017 - Award No.

Subject: S16AC20034

Attachments: image001.png

Was the error corrected? I don't remember seeing a corrected request?

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Mon Feb 27 2017 08:49:40 GMT-0700 (MST)

To: "Rockwell, Joshua" <jrockwell@osmre.gov>

"Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani"

CC: <RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: RE: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

Josh,

I hope the below are what you mean by the corrections.

January - \$22,748.28

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting 1 with the membership meetings and background research for meeting materials.

\$ 8.89 for other direct costs (photocopying and long distance phone calls) plus its associated costs.

February - \$15,071.02:

\$ 11,994.18 for labor and associated costs related to planning meeting 1 with the membership from the agenda to invited expert speakers.

\$ 3,076.84 for labor and associated costs related to background research and data collection related to the project.

Draw Down Approval #5&6

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Mon Feb 27 2017 08:56:13 GMT-0700 (MST)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

"Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

Nicholas:

Your February request is approved (\$15,071.02).

Thank you,

Josh

From: Harper, Kimberly <kharper@osmre.gov>

Date: Tue, Mar 7, 2017 at 7:36 AM

Subject: Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034

To: "Richardson, Yetunde" <yrichardson@osmre.gov>

Cc: Joshua Rockwell <jrockwell@osmre.gov>, Jay Bautista <jbautista@osmre.gov>

After going through all the email trail here, is this amount approved?

Thanks,

Kimberly

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Tue Mar 07 2017 08:23:53 GMT-0700 (MST)

To: "Harper, Kimberly" <kharper@osmre.gov>

CC:

"Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista

<jbautista@osmre.gov>, "Kuhns, Michael F. Mick"

<mkuhns@osmre.gov>

Subject: Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

Yes, NAS's request to draw \$15,071.02 is approved.

Draw Down Request #7

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Mon Apr 17 2017 14:39:20 GMT-0600 (MDT)

To: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Kuhns, Michael" <mkuhns@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - March 2017 - Award No. S16AC20034

Attachments: image001.png

Good Afternoon Mick and Josh,

This is the draw request for March's activities:

\$53,187.03 for labor and associated costs related to planning Meeting 1, including working with committee members, meeting logistics, and background research.

\$3,896.64 for partial travel and meeting costs for committee members to Meeting 1 (not all committee travel and meeting costs are reflected in this draw; others will follow)

\$364.38 for other direct costs (photocopying and conference calls) plus its associated costs.

\$57,448.05 March Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Apr 19 2017 07:22:23 GMT-0600 (MDT)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

"Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, Michael Kuhns <mkuhns@osmre.gov>,

"Eide, Elizabeth" <EEide@nas.edu>

Subject: Re: NAS Drawdown Request - March 2017 - Award No. S16AC20034

Attachments: image001.png

Hi Nicholas,

I am fine with the expenses for this billing cycle, but I would appreciate a further breakdown of how much of the \$3,896.64 for this period was for "partial travel" and how much was for "meeting expense". This would be consistent with the accounting breakdown in the

cooperative agreement proposal, and how I am keeping track of expenses by category.
Thanks,
Mick

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Wed Apr 19 2017 07:34:22 GMT-0600 (MDT)

To: "Kuhns, Michael" <mkuhns@osmre.gov>

CC:

"Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: RE: NAS Drawdown Request - March 2017 - Award No.
S16AC20034

Attachments: image001.png

Good Morning Mick:

Here is the break down. Let me know if you want more detail on the individual travelers:

\$3896.64 is for tickets/fees/G&A for 7 travelers that flew into DC for the meeting. Travel Expense reports for theses7 and the others are pending.

\$0 Meeting expenses – as they take time to cycle through our system and to charge the contract.

Cheers,

Nick

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Apr 19 2017 07:55:37 GMT-0600 (MDT)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC: Joshua Rockwell <jrockwell@osmre.gov>

Subject: Re: NAS Drawdown Request - March 2017 - Award No.
S16AC20034

Attachments: image001.png

Thanks,

That is the breakdown I was interested in.

Mick

Down Approval #7

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Apr 19 2017 08:13:08 GMT-0600 (MDT)

To:

Kimberly Harper <kharper@osmre.gov>, Jay Bautista

<jbautista@osmre.gov>, "Richardson, Yetunde"

<yrichardson@osmre.gov>

CC: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns

<mkuhns@osmre.gov>

Subject: Fwd: NAS Drawdown Request - March 2017 - Award No.

S16AC20034

Attachments: image001.png

All:

Josh and I have reviewed NAS's recent request for a drawdown in the amount of \$57,448.05 for March 2017. We approve their request.

According to my records, this represents a total draw of \$145,377.62 since their first billing in September 2016.

See message strings below.

Thank you,

Mick

Draw Down Request #8

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Mon May 15 2017 15:41:54 GMT-0600 (MDT)

To: "'Kuhns, Michael'" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - April 2017 - Award No. S16AC20034

Attachments: image001.png

Good Afternoon Mick and Josh,

This is the draw request for April's activities:

\$25,485.77 for labor and associated costs related to following up on Meeting 1 (DC), planning Meeting 2 (WV) with the staff and committee, and for background research for meeting materials and report.

\$3,484.88 for partial travel expenses for committee members to Meeting 1 plus its associated costs (some committee travel on last draw)

\$949.70 for meeting costs for Meeting 1, plus its associated costs.

\$66.64 for other direct costs (conference calls with committee/staff), plus its associated costs.

\$29,986.99 April Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Draw Down Approval #8

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed May 17 2017 08:58:24 GMT-0600 (MDT)

To:

Kimberly Harper <kharper@osmre.gov>, Jay Bautista

<jbautista@osmre.gov>, "Richardson, Yetunde"

<yrichardson@osmre.gov>

CC: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns

<mkuhns@osmre.gov>

Subject: Fwd: NAS Drawdown Request - April 2017 - Award No.

S16AC20034

Attachments: image001.png

All:

Josh and I have reviewed NAS's recent drawdown request for April in the amount of \$29,986.99, and approve their request.

According to my records, this represents a total draw of \$175,364.61 (29% of Year 1 monies) since their first billing in September 2016.

See message strings below.

Thank you,

Mick

Draw Down Request #9

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Tue Jun 27 2017 06:43:37 GMT-0600 (MDT)

To: "'Kuhns, Michael'" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - May 2017 - Award No. S16AC20034

Attachments: image001.png

Good Morning Mick and Josh,

This is the draw request for May's activities:

\$1,174.11 for meeting costs for meeting 1 plus its associated costs.

\$7,378.56 for partial travel for committee members to meeting 1 plus its associated costs.

\$11,559.20 for labor and associated costs related to planning meeting 2 with the membership and background research for meeting materials.

\$10,191.94 for partial travel for committee members to meeting 2 plus its associated costs.

\$45,552.82 for labor and associated costs related to planning meeting 3 with the membership and background research for meeting materials.

\$62.88 for other direct costs (conference calls with committee/staff) plus its associated costs.

\$ 75,919.51 May Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

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500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

Draw Down Approval #9

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Wed Jun 28 2017 13:55:31 GMT-0600 (MDT)

To:

Kimberly Harper <kharper@osmre.gov>, "Bautista, Jay"

<jbautista@osmre.gov>, Yetunde Richardson

<yrichardson@osmre.gov>, "Kuhns, Michael F. Mick"

<mkuhns@osmre.gov>

Subject: NAS Drawdown For May

Kim:

I have reviewed the drawdown request (below) and approve NAS's request for \$75,919.51.

Thank you,

Josh

Good Morning Mick and Josh,

This is the draw request for May's activities:

\$1,174.11 for meeting costs for meeting 1 plus its associated costs.

\$7,378.56 for partial travel for committee members to meeting 1 plus its associated costs.

\$11,559.20 for labor and associated costs related to planning meeting 2 with the membership and background research for meeting materials.

\$10,191.94 for partial travel for committee members to meeting 2 plus its associated costs.

\$45,552.82 for labor and associated costs related to planning meeting 3 with the membership and background research for meeting materials.

\$62.88 for other direct costs (conference calls with committee staff) plus its associated costs.

\$ 75,919.51 May Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

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500 Fifth Street N.W.

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Twitter: NASEM_Earth

Draw Down Request #10

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Tue Aug 01 2017 10:26:25 GMT-0600 (MDT)

To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>

Subject: RE: NAS Drawdown Request - June 2017 - Award No. S16AC20034

Attachments: image001.png

Mick and Josh,

This is the draw request for June's activities:

\$9,095.55 for labor and associated costs related to wrapping up Meeting 2 (Logan, WV in May) expenses.

\$2,215.80 for partial travel for committee members to Meeting 2, plus its associated costs.

\$12,033.44 for labor and associated costs related to planning Meeting 3 (Washington, DC in July) and background research for meeting materials.

\$3,728.13 for other direct costs (i.e., postage, ad purchases, supplies and conference calls with committee/staff), plus its associated costs.

\$ 27,072.92 June Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

Draw Down Approval #10

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Aug 02 2017 05:33:34 GMT-0600 (MDT)

To:

Kimberly Harper <kharper@osmre.gov>, Jay Bautista

<jbautista@osmre.gov>, "Richardson, Yetunde"

<yrichardson@osmre.gov>, Joshua Rockwell

<jrockwell@osmre.gov>

CC: Michael Kuhns <mkuhns@osmre.gov>

Subject: Fwd: NAS Drawdown Request - June 2017 - Award No.
S16AC20034

Attachments: image001.png

Kim:

I have reviewed the drawdown request (below) and approve NAS's request for \$27,072.92 for expenses for June 2017.

According to my calculations, the total amount they will have been paid to date would now become \$278,357.04.

Thank you,

Mick

Draw Down Request #11

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Fri Sep 15 2017 10:52:10 GMT-0600 (MDT)

To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>

Subject: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

Attachments: image001.png

Josh and Mick,

This draw request is for expenses that have been incurred through the 9-1-2017 pay period. There are still outstanding costs for Meeting 3 and 4 that will appear on future draw requests, along with the labor costs needed to process these expenses.

\$9,211.24 for partial Meeting 2 travel for committee members, plus associated costs.

\$12,593.80 for labor and associated costs related to Meeting 3.

\$10,492.81 for partial Meeting 3 travel for committee members, plus associated costs.

\$96,224.15 for labor and associated costs related to planning Meeting 4 with the committee membership, and for staff time spent working on study materials and background research for the meeting.

\$269.54 for other direct costs (copying, postage, conference calls with committee staff), plus associated costs.

\$128,791.54 TOTAL

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

Draw Down Approval #11

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Sep 20 2017 06:54:17 GMT-0600 (MDT)

To: "Rogers, Nicholas" <NRogers@nas.edu>, Kimberly Harper <kharp@osmre.gov>

CC:

"Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

Subject: Re: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

Attachments: image001.png

Roger,

I have reviewed and approve of your draw request for \$128,791.54. I understand this covers most of the expenses you incurred for both July and August 2017, but that some additional expenses will be forthcoming in a separate draw request to cover the remaining costs of Meeting #4.

Please specify in your next draw request if it covers all of the expenses through the "halt" period issued by OSMRE Acting Director Glenda

Owens on August 18, 2018.

Kimberly --- please approve this draw request in ASAP.

Thank you,

Mick

Draw Down Request #12

From: Rogers, Nicholas <NRogers@nas.edu>

Date: Tue, Oct 24, 2017 at 2:44 PM

Subject: RE: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

Cc: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>

Josh and Mick,

This draw request is for expenses that have been incurred through the end of September. There are still outstanding costs for Meeting 4 that will appear on a future draw request, along with the labor costs needed to process these expenses.

\$1,803.67 for labor and associated costs related to Meeting 3 reimbursements.

\$14,799.04 for partial Meeting 3 travel for committee members, plus associated costs.

\$3,751.65 for labor and associated costs related to Meeting 4 reimbursements.

\$11,834.47 for partial Meeting 4 travel for committee members, plus associated costs.

\$1,610.67 for other direct costs (conference calls with committee staff), plus associated costs.

\$33,799.50 total

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

Draw Down Approval #12

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Wed Nov 01 2017 05:36:22 GMT-0600 (MDT)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

"Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, Sterling

Rideout <srideout@osmre.gov>, "Payne, Harry J." <hpayne@osmre.gov>,

Kimberly Harper <kharp@osmre.gov>, Yetunde Richardson

<yrichardson@osmre.gov>, "Bautista, Jay" <jbautista@osmre.gov>

Subject: Re: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

Attachments: image001.png

Nick:

Your draw down request in the amount of \$33,799.50 is approved.

On October 12th, we were notified that draw down requests related to meeting 4 could take up to 2 months to receive and book. Since the meeting took place the last week in August, can we assume that we will have one more draw down request since the 2 month window has now past? We would like to get all draw down requests for all work completed prior to the "halt", as well as meeting 4, wrapped up as soon as possible. Will this be accomplished with the next draw down request, and do you have an approximate estimate of what the next request will total?

v/r

Josh Rockwell

Mining Engineer/Dam Safety Officer

Office of Surface Mining, Reclamation and Enforcement

Division of Regulatory Support

1849 C. Street, NW, Mail Stop 4550

Washington, DC 20240

(202) 209-2633 work

(410) 456-8042 cell

Draw Down Request #13

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Thu Nov 16 2017 07:16:10 GMT-0700 (MST)

To: "'Kuhns, Michael'" <mkuhns@osmre.gov>, "'Rockwell, Joshua'" <jrockwell@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Spriggs, Sugi" <SSpriggs@nas.edu>

Subject: NAS Drawdown Request - Nov 2017 - Award No. S16AC20034

Attachments: image001.png

Josh and Mick,

This draw request is for expenses that have been incurred through today, 11/16/17. These are all the outstanding costs for Meeting 4 along with the labor costs needed to process these expenses. This should be the last draw on expenses incurred.

\$576.68 for labor and associated costs related to reimbursements for meeting 4 expenses.

\$13,585.43 for final travel costs for committee members to meeting 4 plus its associated costs.

\$14,162.11 total

Our usual accountant is out of the country and her replacement accidentally requested the final draw before we were able to send this approval. I believe you will have to reject that request as it was not approved by you all before it was sent and there may have been one final small charge missing. I apologize for the mistake.

Kind regards,
Nick

Nicholas D. Rogers
Financial and Research Associate
Board on Earth Sciences and Resources (BESR)
Keck Center, 614
500 Fifth Street N.W.
Washington, DC 20001
PH: (202)334-2208
Twitter: NASEM_Earth

Draw Down Approval #13

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Mon Nov 20 2017 07:26:08 GMT-0700 (MST)

To: "Kuhns, Michael" <mkuhns@osmre.gov>

CC:

Kimberly Harper <kharper@osmre.gov>, Jay Bautista

<jbautista@osmre.gov>, "Richardson, Yetunde"

<yrichardson@osmre.gov>, Harry Payne <hpayne@osmre.gov>

Subject: Re: NAS Drawdown Request - Nov 2017 - Award No. S16AC20034

Attachments: image001.png

Kim:

Mick and I have reviewed the draw down request and have approved the NAS request. You may release funds in the amount of \$14,162.11.

v/r

Josh Rockwell

Mining Engineer/Dam Safety Officer

Office of Surface Mining, Reclamation and Enforcement

Division of Regulatory Support

1849 C. Street, NW, Mail Stop 4550

Washington, DC 20240

(202) 209-2633 work

(410) 456-8042 cell

Data Requested Submitted By The OIG During The Entrance Interview
On February 8, 2018

Question No. 1: Were any other grants to NAS halted in a similar manner.

Response No. 1:

No. OSMRE did not halt any other grants or cooperative agreements that were issued to NAS in a similar manner.

Question No. 2: Were there any other grants to any organization halted by OSMRE that exceeded \$100,000?

Response No. 2:

No. OSMRE has not halted any grants or cooperative agreements to any other organization that exceeded \$100,000.

Question No. 3: Were there any concerns that NAS was not performing adequately on the Cooperative Agreement?

Response No. 3:

No. OSMRE had no concerns that NAS was not performing adequately as per the Cooperative Agreement.

NAS provided quarterly updates (i.e. program narratives and financial reports) with OSMRE's technical representative that detailed their work efforts for the given time period. In addition, OSMRE's technical representatives were in communication with NAS on various aspects of the study. The efforts by NAS were found to be reasonable for each quarter as documented in the progress reports.

Question No. 4: Were there any concerns that NAS was not spending the grant money as the Cooperative Agreement stipulated?

Response No. 4:

No. OSMRE had no concerns that NAS was not spending the monies as stipulated under the Cooperative Agreement appropriately.

This project was established as a Cooperative Agreement which meant there was substantial OSMRE involvement. In addition, OSMRE had placed this Cooperative Agreement under an "Agency Review" at the time of award to facilitate the Bureau's review and approval of each NAS draw down request.

Initially there were a few issues. Specifically the first two draw down requests submitted by NAS were determined to be too generic. Thus OSMRE's project technical representative requested more details to support NAS' draw down requests. Subsequently, NAS provided more detailed

explanation for each draw down request. In another instance the total draw down request did not equal the sum of NAS' breakdown of expenses. The OSMRE project technical representative notified NAS of the error and NAS resubmitted their request. Besides these minor administrative issues, NAS was spending the money as stipulated in the Cooperative Agreement.

Question No. 5: How was the communication sent to NAS to cease activities of the funding, and from who?

Response No. 5

On August 18, 2017, OSMRE's Acting Director accompanied by a DOI Solicitor telephoned Dr. Elizabeth Eide the NAS Technical/Program Officer to notify her of the Department of Interior's decision to halt activities under the Cooperative Agreement. On August 18, 2017, the OSMRE Acting Director also issued a formal two-page letter to NAS personnel (Ms. Eide, Dr. Gregory Symmes, and Mr. Douglas Denning) via e-mail and regular U.S. mail.

Data Request Submitted By The OIG Via Email On February 15, 2018

Question No. 1: Listing of other OSMRE grants in excess of \$100,000 halted in a similar manner.

Response No. 1:

OSMRE does not have a list of grants or cooperative agreements in excess of \$100,000 that were halted in a similar manner as the NAS Cooperative Agreement - S16AC20034 because none of OSMRE's other financial assistance awards have been halted to date.

Question No. 2: Information showing the grant expired and that the funds were returned to Treasury.

Response No. 2:

The Cooperative Agreement is on hold, but has NOT been terminated and closed out. The funds will remain obligated against the agreement until it is either completed or terminated.

The agreement was funded with OSMRE's two-year (15/16) fiscal year (FY) 2015 Regulation and Technology appropriation, which was available for obligation until September 30, 2016. That appropriation is now considered "expired."

In accordance with appropriations law, funds in expired accounts remain available for expenditure for five years after the account expires. Funds that were not obligated before the account expires, and funds deobligated after the period of availability, cannot be used to address any new requirement. Those funds are only available for adjustments to valid obligations that were made during the period of availability.

All funds that remain unexpended from the FY 2015 Regulation and Technology appropriation (to include any funds from the subject cooperative agreement) will be returned to U.S. Treasury when the account becomes "closed" on September 30, 2021.

Question No. 3. Contact information for whom made the decision above OSMRE to halt the grant funding.

Response No. 3:

OSMRE – Program Support Directorate staff has no direct knowledge as to exactly who made the decision above OSMRE to halt funding for the Cooperative Agreement. However, we have provided the three (3) emails communications in which various DOI personnel expressed an interest in halting the funding for the NAS Cooperative Agreement.

See Attachment 1

- July 12, 2017, @ 2.30 pm email entitled, Re: *Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)*

OSMRE's Program Support Directorate staff documented the initial inquiry from a DOI's Solicitor on [REDACTED]

- August 9, 2017, @ 5.23 pm email entitled, *Fwd: Grants and Cooperative Agreements*.
- August 18, 2017, @ 3.03pm email entitled, *Halt Letter to NAS*.

Question No. 4. Justification provided to OSMRE to halt the agreement.

Response No. 4:

The justification provided to OSMRE to halt the NAS Cooperative Agreement are outlined in the following communications: - See Attachment 2

See Attachment 2

- i) See email dated July 12, 2017, (@ 2.30 pm entitled, Re: Our Cooperative Agreement *with the National Academy of Sciences (S16AC20034)*
- ii) DOI's email dated August 9, 2017, @ 5.23 pm prepared by Landon "Tucker" Davis entitled, *Fwd: Grants and Cooperative Agreements* .
 - This email communication allude to a "department -wide freeze or hold on all activity involving grants and cooperative agreements over \$100,000..." and, "OSMRE is facing budgetary strains and we are trying to find ways to best steward our limited resources and comply with pre-existing secretarial orders*. Importantly DOI issued a hold order on this grant months ago..."
- iii) OSMRE's Letter dated August 18, 2017, and email dated August 18, 2017 @ 5.42 pm to Dr. Elizabeth A. Eide.
 - The formal letter issued to NAS that was drafted by DOI's Solicitor for the OSMRE's Acting Director's signature explained that the " Department of Interior has begun an Agency review of its grants and cooperative agreements in excess of \$100,000, largely as a result of our changing budget situation"

**See Attachment 3_- Secretarial Memo, Managing Grant, Cooperative Agreement and Other Significant Documents dated April 12, 2017.*

Question No. 5.: Did the Grants Officer identify if there were any conflicts of interest.

Response No. 5:

The OSMRE Grants Specialist did not identify any conflict of interest with the NAS Cooperative Agreement.

Question No. 6: Deliverables from NAS to OSMRE such as: quarterly reports, briefings, public briefings, SF425 draw-downs and reviews and approvals from Grant Officer of those drawdowns.

Response No. 6:

The deliverables from NAS to OSMRE as requested are provided in the following Attachments:

- Attachment 4 – Drawdown Reviews and Reports
- Attachment 5 – NAS Quarterly Reports
- Attachment 6 – Completed NAS Meetings
- Attachment 7 – OSMRE Performance Reviews
- Attachment 8 – Summary of Drawdown Requests and Approvals

Draw Down Request #	Billed Expenses Through	Total Draw Request	Expense Category											
			Admin and Direct Costs	Background Research (Data and Labor)	Committee Establishment Labor	Meeting 1 Assoc. Costs	Meeting 1 Labor	Meeting 1 Travel	Meeting 2 Labor	Meeting 2 Travel	Meeting 3 Labor	Meeting 3 Travel	Meeting 4 Labor	Meeting 4 Travel
1	9/9/2016	\$706.38			\$706.38									
2	10/31/2016	\$9,428.70	\$9,428.70											
3	11/30/2016	\$17,771.11		\$3,431.53	\$14,339.58									
4	12/31/2016	\$22,204.08	\$65.92	\$8,424.22	\$13,713.94									
5	1/31/2017	\$22,748.28	\$8.89		\$8,438.89	\$14,300.50								
6	2/28/2017	\$15,071.02			\$3,076.84	\$11,994.18								
7	3/31/2017	\$57,448.05	\$364.38			\$53,187.03	\$3,896.64							
8	4/30/2017	\$29,986.99	\$66.64			\$949.70	\$12,742.88	\$3,484.88	\$12,742.89					
9	5/31/2017	\$75,919.51	\$62.88			\$1,174.11		\$7,378.56	\$11,559.20	\$10,191.94	\$45,552.82			
10	6/30/2017	\$27,072.92	\$3,728.13						\$9,095.55	\$2,215.80	\$12,033.44			
11	9/1/2017	\$128,791.54	\$269.54							\$9,211.24	\$12,593.80	\$10,492.81	96,224.15	
12	9/30/2017	\$33,799.50	\$1,610.67								\$1,803.67	\$14,799.04	3,751.65	11,834.47
13	11/16/2017	\$14,162.11											576.68	13585.43

Category Totals \$15,605.75 \$11,855.75 \$40,275.63 \$2,123.81 \$92,224.59 \$14,760.08 \$33,397.64 \$21,618.98 \$71,983.73 \$25,291.85 \$100,552.48 \$25,419.90

Grand Total \$455,110.19

Coop Agreement Total \$1,003,553.00 (corrected)

Balance Remaining \$548,442.81 (corrected)

Conversation Contents

Fwd: Audit of Cooperation Agreement-S16AC20034, Request for Documentation 1

Attachments:

/3. Fwd: Audit of Cooperation Agreement-S16AC20034, Request for Documentation
1/6.1 OIG.NAS.COOP.Resp_OSMRE.02.22.18.FINAL.docx
/3. Fwd: Audit of Cooperation Agreement-S16AC20034, Request for Documentation
1/6.2 ATTACHMENT 1_Ques.3.pdf
/3. Fwd: Audit of Cooperation Agreement-S16AC20034, Request for Documentation
1/6.3 ATTACHMENT 2_OIG.Ques 4.pdf
/3. Fwd: Audit of Cooperation Agreement-S16AC20034, Request for Documentation
1/6.4 ATTACHMENT 3. Secretarial Memo - Managing Grants, Cooperative Agreements,
and Other Significant Decisions - 04-12-2017.pdf
/3. Fwd: Audit of Cooperation Agreement-S16AC20034, Request for Documentation
1/6.5 ATTACHMENT 4. Drawdown Reviews and Reports (2).pdf
/3. Fwd: Audit of Cooperation Agreement-S16AC20034, Request for Documentation
1/6.6 ATTACHMENT 5.NAS Qrtly Rpts.pdf
/3. Fwd: Audit of Cooperation Agreement-S16AC20034, Request for Documentation
1/6.7 ATTACHMENT 6.Completed NAS Mtgs.pdf
/3. Fwd: Audit of Cooperation Agreement-S16AC20034, Request for Documentation
1/6.8 ATTACHMENT 7.OSMRE Perf Review.pdf
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1/6.9 ATTACHMENT 8.Summary of Draw Down Req and App.pdf
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"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>
Sent: Thu Feb 15 2018 07:46:28 GMT-0700 (MST)
To: Sterling Rideout <srideout@osmre.gov>

CC: "Payne, Harry J." <hpayne@osmre.gov>, "Kuhns, Michael F. Mick" <mkuhns@osmre.gov>
Subject: Fwd: Audit of Cooperation Agreement-S16AC20034, Request for Documentation 1

Sterling:

Harry and Mick are out until Monday. Some of the information that has been requested, neither Mick or I have the answer. Of course, we can work to obtain them.

I believe Mick, Harry and I will need to discuss this effort to gather responses to this request, on Monday. I do believe we will be able to respond by next Thursday, if we are successful in obtaining answers to those questions for which Mick and I are unaware.

Do you approve of moving forward in this manner?

v/r
Josh Rockwell

*Mining Engineer/Dam Safety Officer
Office of Surface Mining, Reclamation and Enforcement
Division of Regulatory Support
1849 C. Street, NW, Mail Stop 4550
Washington, DC 20240
(202) 209-2633 work
(410) 456-8042 cell*

----- Forwarded message -----

From: **Reynolds, David** <david_reynolds@doioig.gov>
Date: Thu, Feb 15, 2018 at 9:25 AM
Subject: Audit of Cooperation Agreement-S16AC20034, Request for Documentation 1
To: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>
Cc: Justin Whitehouse <justin_whitehouse@doioig.gov>, "Thompson, Towanna" <tthompson@osmre.gov>, Craig Prestenbach <cprestenbach@osmre.gov>, Sterling Rideout <srideout@osmre.gov>

Good Morning Joshua and Michael,

Please provide to us the following by 2/22/2018:

1. Listing of other OSMRE grants in excess of \$100,000 halted in a similar manner.
2. Information showing the grant expired and that the funds were returned to Treasury.
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6. Deliverables from NAS to OSMRE such as: quarterly reports, briefings, public briefings, SF425 draw-downs and reviews and approvals from Grant Officer of those drawdowns.

Many thank for your assistance.

Best,

David

Financial and Contract Audits



Office: 703-487-3665
Cell: 571-353-0738 (Preferred voicemail)
David_Reynolds@DOIIOIG.gov (Preferred method of contact)

"Norman, Yolande" <ynorman@osmre.gov>

From: "Norman, Yolande" <ynorman@osmre.gov>
Sent: Fri Feb 16 2018 11:29:06 GMT-0700 (MST)
To: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>
Harry Payne <hpayne@osmre.gov>, "Rideout, Sterling" <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>
CC:
Subject: Fwd: Audit of Cooperation Agreement-S16AC20034, Request for Documentation 1

Hello Josh and Mike,

Concerning the last question. Could you gather whatever briefings and public briefings pertinent to this project. I am trying compile all the data (technical + financial) in preparing the response.

Yolande

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From: **Rideout, Sterling** <srideout@osmre.gov>
Date: Thu, Feb 15, 2018 at 10:04 AM
Subject: Re: Audit of Cooperation Agreement-S16AC20034, Request for Documentation 1
To: "Reynolds, David" <david_reynolds@doioig.gov>
Cc: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>, Justin Whitehouse <justin_whitehouse@doioig.gov>, "Thompson, Towanna" <tthompson@osmre.gov>, Craig Prestenbach <cprestenbach@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, Yolande Norman <ynorman@osmre.gov>

Good Morning David,

Since the questions that are being ask is more in line with grants/financial assistance information, the response will probably best come from Yetunde Richardson and Yolande Norman. I will include them on this e-mail. Thanks.

Sterling

Sterling Rideout
Assistant Director, Program Support Directorate
Office of Surface Mining Reclamation & Enforcement
1849 C Street, NW.
Washington DC 20240

(202) 208-2665
(202) 219-0253 (fax)

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David

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Office of Inspector General
U.S. Department of the Interior



Office: 703-487-3665
Cell: 571-353-0738 (Preferred voicemail)
David_Reynolds@DOIIG.gov (Preferred method of contact)

--

Yolande J.C. Norman
Chief, Reclamation Support Division
Program Support Directorate
Department of Interior
Office of Surface Mining Reclamation & Enforcement
1849 C Street NW
Main Interior Building, Room 4545
Washington DC, 20240
Tele: (202) 208-2868
[Email: ynorman@osmre.gov](mailto:ynorman@osmre.gov)

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>
Sent: Tue Feb 20 2018 05:21:07 GMT-0700 (MST)
To: "Norman, Yolande" <ynorman@osmre.gov>
Michael Kuhns <mkuhns@osmre.gov>, Harry Payne

CC: <hpayne@osmre.gov>, "Rideout, Sterling"
<srideout@osmre.gov>, Yetunde Richardson
<yrichardson@osmre.gov>
Subject: Re: Audit of Cooperation Agreement-S16AC20034, Request for Documentation 1

Yolande:
Will do. Is COB Wednesday acceptable?
v/r
Josh

Josh Rockwell

*Mining Engineer/Dam Safety Officer
Office of Surface Mining, Reclamation and Enforcement
Division of Regulatory Support
1849 C. Street, NW, Mail Stop 4550
Washington, DC 20240
(202) 209-2633 work
(410) 456-8042 cell*

On Fri, Feb 16, 2018 at 1:29 PM, Norman, Yolande <ynorman@osmre.gov> wrote:
Hello Josh and Mike,

Concerning the last question. Could you gather whatever briefings and public briefings pertinent to this project. I am trying compile all the data (technical + financial) in preparing the response.

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Subject: Re: Audit of Cooperation Agreement-S16AC20034, Request for Documentation 1
To: "Reynolds, David" <david_reynolds@doioig.gov>
Cc: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>, Justin Whitehouse <justin_whitehouse@doioig.gov>, "Thompson, Towanna" <tthompson@osmre.gov>, Craig Prestenbach <cprestenbach@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, Yolande Norman <ynorman@osmre.gov>

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Many thank for your assistance.

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David

Financial and Contract Audits
Office of Inspector General
U.S. Department of the Interior



Office: 703-487-3665
Cell: 571-353-0738 (Preferred voicemail)
David_Reynolds@DOIOIG.gov (Preferred method of contact)

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*Yolande J.C. Norman
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Program Support Directorate
Department of Interior
Office of Surface Mining Reclamation & Enforcement
1849 C Street NW
Main Interior Building, Room 4545
Washington DC, 20240
Tele: (202) 208-2868
Email: ynorman@osmre.gov*

"Norman, Yolande" <ynorman@osmre.gov>

From: "Norman, Yolande" <ynorman@osmre.gov>
Sent: Tue Feb 20 2018 08:25:56 GMT-0700 (MST)
To: Harry Payne <hpayne@osmre.gov>
Subject: Fwd: Audit of Cooperation Agreement-S16AC20034, Request for Documentation 1

Additional questions from OIG. Just a heads up. I will be sending you the draft response shortly to all the OIG questions to date.

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Cc: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>, Justin Whitehouse <justin_whitehouse@doioig.gov>, "Thompson, Towanna"

<tthompson@osmre.gov>, Craig Prestenbach <cprestenbach@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, Yolande Norman <ynorman@osmre.gov>

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Washington DC, 20240
Tele: (202) 208-2868
[Email: ynorman@osmre.gov](mailto:ynorman@osmre.gov)

Harry Payne <hpayne@osmre.gov>

From: Harry Payne <hpayne@osmre.gov>
Sent: Tue Feb 20 2018 08:29:36 GMT-0700 (MST)
To: "Norman, Yolande" <ynorman@osmre.gov>
Subject: Re: Audit of Cooperation Agreement-S16AC20034, Request for Documentation 1

Ok, my computer is down so I will be reading this through my iPhone...

Sent from my iPhone

On Feb 20, 2018, at 10:25 AM, Norman, Yolande <ynorman@osmre.gov> wrote:

Additional questions from OIG. Just a heads up. I will be sending you the draft response shortly to all the OIG questions to date.

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[Email: ynorman@osmre.gov](mailto:ynorman@osmre.gov)

"Rideout, Sterling" <srideout@osmre.gov>

From: "Rideout, Sterling" <srideout@osmre.gov>

Sent: Fri Feb 23 2018 09:21:44 GMT-0700 (MST)
Yolande Norman <ynorman@osmre.gov>, Craig Prestenbach
To: <cprestenbach@osmre.gov>, "Payne, Harry"
<hpayne@osmre.gov>
Subject: Fwd: Audit of Cooperation Agreement-S16AC20034, Request for Documentation 1
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Washington DC 20240
(202) 208-2665
(202) 219-0253 (fax)

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From: Rideout, Sterling <srideout@osmre.gov>
Date: Thu, Feb 22, 2018 at 3:28 PM
Subject: Re: Audit of Cooperation Agreement-S16AC20034, Request for Documentation 1
To: "Reynolds, David" <david_reynolds@doioig.gov>

Good Afternoon David,

Attached is OSMRE responses to Feb 8th meeting questions and Feb 22nd e-mail questions and associated attachments. Thanks.

Sterling

Sterling Rideout
Assistant Director, Program Support Directorate
Office of Surface Mining Reclamation & Enforcement
1849 C Street, NW.
Washington DC 20240
(202) 208-2665
(202) 219-0253 (fax)

On Thu, Feb 22, 2018 at 7:59 AM, Reynolds, David <david_reynolds@doioig.gov> wrote:
Good Morning everyone,

Just a reminder, today we are expecting the rest of this information. Not receiving information in a timely manner as requested by the due date is considered a scope limitation and such limitations will be noted in our report.

Many thanks for your assistance.

Best,

David

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David_Reynolds@DOIOIG.gov (Preferred method of contact)

"Payne, Harry" <hpayne@osmre.gov>

From: "Payne, Harry" <hpayne@osmre.gov>
Sent: Mon Feb 26 2018 04:54:02 GMT-0700 (MST)
To: Michael Kuhns <mkuhns@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>
Subject: Fwd: Audit of Cooperation Agreement-S16AC20034, Request for Documentation 1
OIG.NAS.COOP.Resp_OSMRE.02.22.18.FINAL.docx
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FYI

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Date: Fri, Feb 23, 2018 at 11:21 AM
Subject: Fwd: Audit of Cooperation Agreement-S16AC20034, Request for Documentation 1
To: Yolande Norman <ynorman@osmre.gov>, Craig Prestenbach <cprestenbach@osmre.gov>, "Payne, Harry" <hpayne@osmre.gov>

I thought I submitted with everyone on it. I am forwarding what went to OIG yesterday.

Sterling Rideout
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On Thu, Feb 15, 2018 at 10:04 AM, Rideout, Sterling <srideout@osmre.gov> wrote:
Good Morning David,

Since the questions that are being ask is more in line with grants/financial assistance information, the response will probably best come from Yetunde Richardson and Yolande Norman. I will include them on this e-mail. Thanks.

Sterling

Sterling Rideout
Assistant Director, Program Support Directorate
Office of Surface Mining Reclamation & Enforcement
1849 C Street, NW
Washington DC 20240
(202) 208-2665
(202) 219-0253 (fax)

On Thu, Feb 15, 2018 at 9:25 AM, Reynolds, David <david_reynolds@doioig.gov> wrote:
Good Morning Joshua and Michael,

Please provide to us the following by 2/22/2018:

1. Listing of other OSMRE grants in excess of \$100,000 halted in a similar manner.
2. Information showing the grant expired and that the funds were returned to Treasury.
3. Contact information for whom made the decision above OSMRE to halt the grant funding.
4. Justification provided to OSMRE to halt the agreement.
5. Did the Grants Officer identify if there were any conflicts of interest
6. Deliverables from NAS to OSMRE such as: quarterly reports, briefings, public briefings, SF425 draw-downs and reviews and approvals from Grant Officer of those drawdowns.

Many thank for your assistance.

Best,

David

Financial and Contract Audits
Office of Inspector General
U.S. Department of the Interior



Office: 703-487-3665

Cell: 571-353-0738 (Preferred voicemail)

David_Reynolds@DOIOIG.gov (Preferred method of contact)

--

Harry J. Payne

Chief, Division of Regulatory Support

Office of Surface Mining Reclamation and Enforcement

1849 C Street NW

Mail Stop 4557

Washington, DC 20240

202-208-2895



Norman, Yolande <ynorman@osmre.gov>

re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

4 messages

Bautista, Jay <jbautista@osmre.gov>

Wed, Jul 12, 2017 at 2:30 PM

To: Glenda Owens <gowens@osmre.gov>

Cc: Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>

Hi Glenda,

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[REDACTED]

While he was appreciative of any guidance that she was able to provide, he was going to continue to look in to this. I am not sure that he is going to call back but she let him know that we inform you that he is looking into it.

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Let me know if you have any questions.

Jay Bautista

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Division of Reclamation Support
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1951 Constitution Ave NW
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Washington, DC 20240
(202) 208-7411

 2 CFR 200 subsection 200.339.docx
15K

Yolande Norman <ynorman@osmre.gov>

Wed, Jul 12, 2017 at 2:48 PM

To: Sterling Rideout <srideout@osmre.gov>

Sent from my iPhone

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[Quoted text hidden]

2 attachments

2/8/2018

DEPARTMENT OF THE INTERIOR Mail - re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

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Thu, Aug 10, 2017 at 7:57 AM

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[78 FR 78608, Dec. 26, 2013, as amended at 80 FR 43309, July 22, 2015]



Norman, Yolande <ynorman@osmre.gov>

re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

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Norman, Yolande <ynorman@osmre.gov>

Fwd: Grants and Cooperative Agreements

1 message

Richardson, Yetunde <yrichardson@osmre.gov>
To: Yolande Norman <ynorman@osmre.gov>

Thu, Aug 10, 2017 at 6:45 AM

----- Forwarded message -----

From: **Davis, Landon** <landon_davis@ios.doi.gov>
Date: Wed, Aug 9, 2017 at 5:23 PM
Subject: Grants and Cooperative Agreements
To: Glenda Owens <gowens@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, Sterling Rideout <srideout@osmre.gov>
Cc: Katharine Macgregor <katharine_macgregor@ios.doi.gov>, Joshua Campbell <joshua.campbell@sol.doi.gov>

Hi Glenda--

As you know, the Secretary has ordered a department-wide freeze or hold on all activity involving grants and or cooperative agreements over \$100,000. This order was given several months ago. The purpose for this directive is to allow the new administration to conduct a review of these same projects to assess their relationship with DOI. The NAS in grant/cooperative agreement #S16AC20034 was awarded over \$1 Million effective 8/4/16, with the projected completion date 7/31/18 with NAS having to make approved draw-downs on this award. This award was made under the authority of SMCRA.

Apparently, NAS has approximately \$900,000 of this award that has not spent. You have told Kate and myself that you would look into the status of this cooperative agreement. As you are aware, OSMRE is facing budgetary strains and we are trying find ways to best steward our limited resources and comply with pre-existing secretarial orders. Importantly, DOI issued a hold order on this grant months ago, as described above. This would include NAS' contracting with third parties. We, however, have seen NAS continue to conduct meetings and other activities involving this grant. They appear to have not complied with the order.

Please confirm that you have instructed NAS to comply with the department-wide hold order by replying to all CC'd on this message.

Thanks!
Tucker

--
Tucker Davis
Department of the Interior
202.706.9403

--
Best Regards,

Yetunde E. Richardson
Grants Management Specialist
Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1951 Constitution Avenue N.W. #125
Washington, D.C. 20240
Phone: (202) 208-2766 Fax: (202) 219-0239



Norman, Yolande <ynorman@osmre.gov>

Halt Letter to NAS

Owens, Glenda <gowens@osmre.gov>

Fri, Aug 18, 2017 at 3:03 PM

To: "Norman, Yolande" <ynorman@osmre.gov>

Cc: "Rideout, Sterling" <srideout@osmre.gov>, Harry Payne <hpayne@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>

Yolande,

Thanks for providing this draft letter, however, the attorney from the Solicitor's Office who sat in on the call I had with Elizabeth Eide is drafting the letter based on our conversation with her. I'll be signing the letter. I am expecting him to send the letter over in draft later this afternoon for my review. Elizabeth gave me the name of two individuals, one of them was her direct supervisor, to whom we should send the letter. I'll let you know when I receive it.

Thanks,
Glenda

[Quoted text hidden]

--
Glenda H. Owens
Deputy Director
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
(O) 202-208-4006
(F) 202-219-3106
gowens@osmre.gov



Norman, Yolande <ynorman@osmre.gov>

re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

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Cc: Katharine Macgregor <katharine_macgregor@ios.doi.gov>, Joshua Campbell <joshua.campbell@sol.doi.gov>

Hi Glenda--

As you know, the Secretary has ordered a department-wide freeze or hold on all activity involving grants and or cooperative agreements over \$100,000. This order was given several months ago. The purpose for this directive is to allow the new administration to conduct a review of these same projects to assess their relationship with DOI. The NAS in grant/cooperative agreement #S16AC20034 was awarded over \$1 Million effective 8/4/16, with the projected completion date 7/31/18 with NAS having to make approved draw-downs on this award. This award was made under the authority of SMCRA.

Apparently, NAS has approximately \$900,000 of this award that has not spent. You have told Kate and myself that you would look into the status of this cooperative agreement. As you are aware, OSMRE is facing budgetary strains and we are trying find ways to best steward our limited resources and comply with pre-existing secretarial orders. Importantly, DOI issued a hold order on this grant months ago, as described above. This would include NAS' contracting with third parties. We, however, have seen NAS continue to conduct meetings and other activities involving this grant. They appear to have not complied with the order.

Please confirm that you have instructed NAS to comply with the department-wide hold order by replying to all CC'd on this message.

Thanks!
Tucker

--
Tucker Davis
Department of the Interior
202.706.9403

--
Best Regards,

Yetunde E. Richardson
Grants Management Specialist
Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1951 Constitution Avenue N.W. #125
Washington, D.C. 20240
Phone: (202) 208-2766 Fax: (202) 219-0239



Norman, Yolande <ynorman@osmre.gov>

Fwd: NAS Study Halt - Cooperative Agreement No. S16AC20034

1 message

Owens, Glenda <gowens@osmre.gov>

Fri, Aug 18, 2017 at 5:48 PM

To: Sterling Rideout <srideout@osmre.gov>, Harry Payne <hpayne@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

FYI

----- Forwarded message -----

From: **Owens, Glenda** <gowens@osmre.gov>

Date: Fri, Aug 18, 2017 at 5:42 PM

Subject: NAS Study Halt - Cooperative Agreement No. S16AC20034

To: "Eide, Elizabeth" <EEide@nas.edu>

Cc: gsymmes@nas.edu, ddenning@nas.edu, "Campbell, Joshua" <joshua.campbell@sol.doi.gov>

Dear Dr. Eide,

Attached is a letter memorializing our conversation earlier today regarding our request that you halt all activities under the subject Cooperative Agreement, effective immediately.

Please feel free to contact me if you have any additional questions.

Sincerely,
Glenda Owens

--
Glenda H. Owens
Deputy Director
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
(O) 202-208-4006
(F) 202-219-3106
gowens@osmre.gov

NAS Study Halt Letter - 8-18-17 (1).pdf
42K



United States Department of the Interior

OFFICE OF SURFACE MINING
RECLAMATION AND ENFORCEMENT
Washington, D.C. 20240



August 18, 2017

Sent via Email and Regular U.S. Mail

Elizabeth A. Eide, Ph.D.
Senior Board Director
Board on Earth Sciences and Resources
Water Science and Technology Board
The National Academies of Sciences, Engineering, and Medicine
500 Fifth St., NW
Washington, DC 20001
EEide@nas.edu

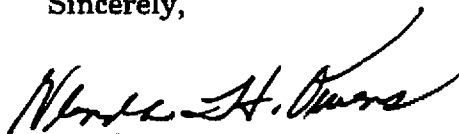
Dear Dr. Eide:

It was a pleasure speaking with you earlier today, and thank you for being available to take our call and email us the additional contact information. As discussed, the Department of the Interior has begun an agency-wide review of its grants and cooperative agreements in excess of \$100,000, largely as a result of our changing budget situation. Thank you for agreeing to cease all activities under Cooperative Agreement number S16AC20034, effective immediately, and until further notice. This immediate cessation includes any third party activities and/or contracting as well.

As discussed, NAS has already scheduled, and funds have been obligated to specific vendors for, an event ranging from August 21 - 23, 2017. Because we do not expect these expenses to be excessive, this three day event may proceed as planned as an exception to this direction. As we further discussed, any later-resulting staff expenses associated with processing reimbursements related to the work occurring during those same three days, which we expect to be relatively minimal, e.g., travel reimbursements, also may be incurred.

Please feel free to call us with any additional questions you may have about this direction as we are performing our review.

Sincerely,

A handwritten signature in black ink, appearing to read "Glenda H. Owens", with a stylized flourish at the end.

Glenda H. Owens
Acting Director

cc: Dr. Gregory Symmes, gsymmes@nas.edu
Mr. Douglas Denning, ddenning@nas.edu

Grant and Cooperative Agreement

CHOOSE ONE:

- ☒ COOPERATIVE AGREEMENT
- ☐ GRANT

CHOOSE ONE:

☐ EDUCATION☐ FACILITIES☐ RESEARCH☐ SDCR☐ TRAINING

1. GRANT/COOPERATIVE AGREEMENT NUMBER S16AC20034		2. SUPPLEMENT NUMBER 0001		3. EFFECTIVE DATE 08/04/2016		4. COMPLETION DATE 07/31/2018	
5. ISSUED TO NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip) NATIONAL ACADEMY OF SCIENCES Attn: ATTN GOVERNMENT POC 2101 CONSTITUTION AVE NW WASHINGTON DC 20418-0007				6. ISSUED BY OSM FA Program Support, Washington Mailing Address: 1951 Constitution Ave NW Washington DC 20240-0001			
7. TAXPAYER IDENTIFICATION NO. (TIN)				9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone) Douglas Denning 202-334-1422, ddenning@nas.edu			
8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO.							
10. RESEARCH, PROJECT OR PROGRAM TITLE FA DC FY2016 AS							
11. PURPOSE 15.255 Applied Science Program Cooperative Agreements Related to Coal Mining and Reclamation							
12. PERIOD OF PERFORMANCE (Approximately) 08/01/2016 through 07/31/2018							
13A.		AWARD HISTORY		13B.		FUNDING HISTORY	
PREVIOUS		\$1,003,553.00		PREVIOUS		\$1,003,553.00	
THIS ACTION		\$0.00		THIS ACTION		\$0.00	
CASH SHARE		\$0.00		TOTAL		\$1,003,553.00	
NON-CASH SHARE		\$0.00					
RECIPIENT SHARE		\$0.00					
TOTAL		\$1,003,553.00					
14. ACCOUNTING AND APPROPRIATION DATA							
PURCHASE REQUEST NO.		JOB ORDER NO.		AMOUNT		STATUS	
15. POINTS OF CONTACT							
	NAME	MAIL STOP	TELEPHONE	E-MAIL ADDRESS			
TECHNICAL OFFICER	Joshua Rockwell		202-208-2633	jrockwell@osmre.gov			
NEGOTIATOR							
ADMINISTRATOR	Yetunde Richardson		(202) 208-2766	yrichardson@osmre.gov			
PAYMENTS							
16. THIS AWARD IS MADE UNDER THE AUTHORITY OF: The Surface Mining Control and Reclamation Act of 1977 (P.L. 95-87) as amended							
17. APPLICABLE STATEMENT(S), IF CHECKED: <input type="checkbox"/> NO CHANGE IS MADE TO EXISTING PROVISIONS <input type="checkbox"/> FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC REQUIREMENTS APPLY TO THIS GRANT				18. APPLICABLE ENCLOSURE(S), IF CHECKED: <input type="checkbox"/> PROVISIONS <input type="checkbox"/> SPECIAL CONDITIONS <input type="checkbox"/> REQUIRED PUBLICATIONS AND REPORTS			
UNITED STATES OF AMERICA				COOPERATIVE AGREEMENT RECIPIENT			
CONTRACTING/GRANT OFFICER Yetunde Richardson		DATE 08/04/2016		AUTHORIZED REPRESENTATIVE		DATE	

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>CFDA Number: 15.255</p> <p>DUNS Number: 041964057</p> <p>The following are incorporated into this agreement by reference:</p> <ol style="list-style-type: none"> 1. Your complete application for this assistance agreement, including amendments to the application. 2. The Surface Mining Control and Reclamation Act of 1977 (P.L. 95-87) as amended. 3. OSMRE's Federal Assistance Manual, directive GMT-10. 4. The standard Department of Interior Financial Assistance terms and conditions for this award are incorporated herein by reference with the same force and effect as if in full text. The full text can be found at: http://www.doi.gov/pam/programs/financial_assistance/TermsandConditions.cfm or can be obtained by contacting the Financial Assistance Administrator. 5. Recipient Employee Whistleblower Rights and Requirement to Inform Employees of Whistleblower Rights (Sep 2013) <p>(a) This award and employees working on this financial assistance agreement will be subject to the whistleblower rights and remedies in the pilot program on Award Recipient employee whistleblower protections established at 41 U.S.C. 4712 by section 828 of the National Defense Authorization Act for Fiscal Year 2013 (Pub. L. 112-239).</p> <p>(b) The Award Recipient shall inform its</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>employees in writing, in the predominant language of the workforce, of the employee whistleblower rights and protections under 41 U.S.C. 4712.</p> <p>(c) The Award Recipient shall insert the substance of this clause, including this paragraph (c), in all subawards or subcontracts over the simplified acquisition threshold. 42 CFR 52.203-17 (as referenced in 42 CFR 3.908-9).</p> <p>6. In accordance with Chapter 3-120 of the Federal Assistance Manual, you must obtain our approval before you provide financial assistance to a third party by subgrant or other means. Once we have given our approval, you must update the Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS), accordingly.</p> <p>7. The Recipient must establish safeguards to prohibit its employees and Subrecipients from using their positions for purposes that constitute or present the appearance of a personal or organizational conflict of interest. The Recipient is responsible for notifying the grants officer in writing of any actual or potential conflicts of interest that may arise during the life of this award. Conflicts of interest include any relationship or matter, which might place the Recipient or its employees in a position of conflict, real or apparent, between their responsibilities under the agreement and any other outside interests. Conflicts of interest may also include, but are not limited to, direct or indirect financial interests, close personal relationship, positions of trust in outside organizations, consideration of future employment arrangements with a</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>different organization, or making a decision affecting the award that a reasonable person with knowledge of the relevant facts would question the Recipient and/or Recipients employees and Subrecipients impartiality in the matter.</p> <p>The grants officer and the servicing ethics counselor will determine if a conflict of interest exists. If a conflict of interest exists, the grants officer will determine whether a mitigation plan is feasible. Mitigation plans must be approved by the grants officer in writing. Failure to resolve conflicts of interest in a manner that satisfies the government may be cause for termination of the award.</p> <p>With certain exceptions found in Chapter 2-260 of the Federal Assistance Manual, you must keep these records for three years starting on the day you send us your final expenditure report to close the assistance agreement.</p> <p>This agreement takes effect at the time of approval by the Director of OSMRE or his authorized delegate. The recipient accepts the agreement including the terms and conditions by starting work or making its first request for Federal funds approved under this agreement.</p> <p>OSMRE INVOLVEMENT (Substantial Federal Involvement)</p> <p>We reserve the option to halt any portion of or the entire project immediately if warranted. Examples include if project protocols or specifications are not followed or met. We will also closely monitor performance to provide Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>specific direction or redirection of the project work. Our involvement may be modified if mutually agreed upon by both parties.</p> <p>LIST OF DELIVERABLES</p> <p>Potential Human Health of Surface Coal Mine Operations in Central Appalachia</p> <p>OSMRE Deliverables</p> <ol style="list-style-type: none"> OSMRE Office of Communications will coordinate with NAS Public Affairs to provide media releases and announce other information to stakeholders of this project. Attend open meetings and briefings as necessary. Review and accept quarterly reports submitted by NAS. Review and approve each financial drawdown requested by NAS. Disseminate hard-copy books of the final report to government offices and other stakeholders. <p>National Academies of Sciences Deliverables</p> <ol style="list-style-type: none"> NAS Public Affairs will coordinate with OSMRE Office of Communications to provide media releases and announce other information to stakeholders of this project. Announce committee members, a brief description of the project, and other information <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>to afford the public greater knowledge of this project and an opportunity to provide comments.</p> <p>3. Prepare and submit a quarterly financial (SF-425) and programmatic report within 30 days of the end of each calendar quarter as outlined in 2 CFR 200.327 and 2 CFR 200.328. Calendar quarters are as follows: September 30, December 31, March 31, and June 30. (For example, the first quarter would cover the partial quarter ending on September 30, 2016 and the corresponding quarterly report must be submitted to OSMRE by October 30, 2016)</p> <p>4. Coordinate and administer four open meetings to gather stakeholder input</p> <p>5. Conduct five closed session meetings for deliberation and report writing</p> <p>6. Prepare and deliver a prepublication report to OSMRE within 18 months of study initiation</p> <p>7. Submit advance copies (under embargo) of the prepublication report to OSMRE and interested members of Congress several days in advance of the public release</p> <p>8. Conduct separate pre-release briefings about the preliminary report to both OSMRE and interested members of Congress (ideally on the same day) during the embargo period</p> <p>9. Prepare and release the preliminary report of findings to OSMRE and the public.</p> <p>16. Make the preliminary report available free on publishers website.</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>10. Coordinate and administer a public briefing in West Virginia following the public release of the preliminary report</p> <p>11. Prepare and submit 400 hard-copy books of the final report within six months after the release of the prepublication draft of the report, along with a non-technical summary of the report for public education purposes. Make the report available free on publishers website.</p> <p>OSMRE PRE-APPROVAL OF DRAWDOWNS</p> <p>1. Funds awarded in this cooperative agreement are subject to OSMRE review and pre-approval prior to disbursement. Supporting documentation must be submitted to us, upon request.</p> <p>Legacy Doc #: OSM</p> <p>LIST OF CHANGES:</p> <p>Total Amount for this Modification: \$0.00</p> <p>New Total Amount for this Version: \$0.00</p> <p>New Total Amount for this Award: \$1,003,553.00</p> <p>Revised Cooperative Agreement Terms and Conditions</p> <p>Section A: Clause, 1, is incorporated as follows:</p> <p>1 Standard DOI FA Terms and Conditions</p> <p>1 Standard DOI FA Terms and Conditions.</p> <p>Assistance award from the Department of the Interior (DOI) carries with it the responsibility to be aware of and comply with the terms and conditions of award. Acceptance is defined as the start of work, drawing down funds, or accepting the award via electronic means. Awards are based on the application submitted to, and as approved by DOI and are subject to the terms and</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>conditions incorporated either directly or by reference in the following:</p> <p>Program legislation\regulation.</p> <p>Special terms and conditions.</p> <p>Code of Federal Regulations/Regulatory Requirements, as applicable (Contact your program officer with any questions regarding the applicability of the following):</p> <p>2 CFR Part 25 Central Contractor Registration and Data Universal Numbering System</p> <p>2 CFR Part 170 Reporting Subawards and Executive Compensation</p> <p>2 CFR Part 1400 Governmentwide Debarment and Suspension (Nonprocurement)</p> <p>2 CFR Part 175 Trafficking Victims Protection Act of 2000</p> <p>43 CFR 12(A) Administrative and Audit Requirements and Cost Principles for Assistance Programs</p> <p>43 CFR 12(E) Buy American Requirements for Assistance Programs</p> <p>43 CFR 12(C) Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local</p> <p>43 CFR 12(F) Uniform Administrative Requirements for Grants and Cooperative Agreements with Institutions of Higher Education, Hospitals, other Non-Profit and Commercial Organizations</p> <p>43 CFR 43 Governmentwide Requirements for a Drug-Free Workplace</p> <p>43 CFR 18 New Restrictions on Lobbying</p> <p>Period of Performance: 08/01/2016 to 07/31/2018</p> <p>ADMIN CHANGE OF TERMS</p>				

Grant and Cooperative Agreement

CHOOSE ONE:

- ☐ COOPERATIVE AGREEMENT
- ☒ GRANT

CHOOSE ONE:

☐ EDUCATION☐ FACILITIES☒ RESEARCH☐ SDCR☐ TRAINING

1. GRANT/COOPERATIVE AGREEMENT NUMBER S16AC20034		2. SUPPLEMENT NUMBER		3. EFFECTIVE DATE 08/01/2016		4. COMPLETION DATE 07/31/2018	
5. ISSUED TO NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip) NATIONAL ACADEMY OF SCIENCES Attn: ATTN GOVERNMENT POC 2101 CONSTITUTION AVE NW WASHINGTON DC 20418-0007				6. ISSUED BY OSM FA Program Support, Washington Mailing Address: 1951 Constitution Ave NW Washington DC 20240-0001			
7. TAXPAYER IDENTIFICATION NO. (TIN)				9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone) Douglas Denning 202-334-1422, ddenning@nas.edu			
8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO.							
10. RESEARCH, PROJECT OR PROGRAM TITLE FA, DC FY2016, AS							
11. PURPOSE Applied Science							
12. PERIOD OF PERFORMANCE (Approximately) 08/01/2016 through 07/31/2018							
13A.		AWARD HISTORY		13B.		FUNDING HISTORY	
PREVIOUS		\$0.00		PREVIOUS		\$0.00	
THIS ACTION		\$1,003,553.00		THIS ACTION		\$1,003,553.00	
CASH SHARE		\$0.00		TOTAL		\$1,003,553.00	
NON-CASH SHARE		\$0.00					
RECIPIENT SHARE		\$0.00					
TOTAL		\$1,003,553.00					
14. ACCOUNTING AND APPROPRIATION DATA 01							
PURCHASE REQUEST NO.		JOB ORDER NO.		AMOUNT		STATUS	
0020107378							
15. POINTS OF CONTACT							
	NAME	MAIL STOP	TELEPHONE	E-MAIL ADDRESS			
TECHNICAL OFFICER	Joshua Rockwell		202-208-2633	jrockwell@osmre.gov			
NEGOTIATOR							
ADMINISTRATOR	Yetunde Richardson		(202) 208-2766	yrichardson@osmre.gov			
PAYMENTS							
16. THIS AWARD IS MADE UNDER THE AUTHORITY OF: The Surface Mining Control and Reclamation Act of 1977 (P.L. 95-87) as amended							
17. APPLICABLE STATEMENT(S), IF CHECKED: <input type="checkbox"/> NO CHANGE IS MADE TO EXISTING PROVISIONS <input type="checkbox"/> FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC REQUIREMENTS APPLY TO THIS GRANT				18. APPLICABLE ENCLOSURE(S), IF CHECKED: <input type="checkbox"/> PROVISIONS <input type="checkbox"/> SPECIAL CONDITIONS <input type="checkbox"/> REQUIRED PUBLICATIONS AND REPORTS			
UNITED STATES OF AMERICA				COOPERATIVE AGREEMENT RECIPIENT			
CONTRACTING/GRANT OFFICER Yetunde Richardson		DATE		AUTHORIZED REPRESENTATIVE		DATE	

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>CFDA Number: 15.255</p> <p>DUNS Number: 041964057</p> <p>The following are incorporated into this agreement by reference:</p> <ol style="list-style-type: none"> 1. Your complete application for this assistance agreement, including amendments to the application 2. The Surface Mining Control and Reclamation Act of 1977 (P.L. 95-87) as amended 3. OSM grant regulations (Code of Federal Regulations: 30 CFR Chapter VII, Parts 725, 735, 795, 870-887) 4. Your approved regulatory and/or reclamation program as listed in 30 CFR Chapter VII, Subchapter T. 5. OSM's Federal Assistance Manual, directive GMT-10 6. The standard Department of Interior Financial Assistance terms and conditions for this award are incorporated herein by reference with the same force and effect as if in full text. The full text can be found at: http://www.doi.gov/pam/programs/financial_assistance/TermsandConditions.cfm or can be obtained by contacting the Financial Assistance Administrator. 7. Recipient Employee Whistleblower Rights and Requirement to Inform Employees of Whistleblower Rights (Sep 2013) <p>(a) This award and employees working on this financial assistance agreement will be subject to the whistleblower rights and remedies in the pilot program on Award Recipient employee whistleblower protections established at 41 U.S.C. 4712 by section 828 of the National Defense Authorization Act for Fiscal Year 2013 (Pub. L. 112-239).</p> <p>(b) The Award Recipient shall inform its employees in writing, in the predominant language</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>of the workforce, of the employee whistleblower rights and protections under 41 U.S.C. 4712.</p> <p>(c) The Award Recipient shall insert the substance of this clause, including this paragraph (c), in all subawards or subcontracts over the simplified acquisition threshold. 42 CFR Â\$ 52.203-17 (as referenced in 42 CFR Â\$ 3.908-9).</p> <p>8. In accordance with Chapter 3-120 of the Federal Assistance Manual, you must obtain our approval before you provide financial assistance to a third party by subgrant or other means. Once we have given our approval, you must update the Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS), accordingly.</p> <p>9. The Recipient must establish safeguards to prohibit its employees and Subrecipients from using their positions for purposes that constitute or present the appearance of a personal or organizational conflict of interest. The Recipient is responsible for notifying the grants officer in writing of any actual or potential conflicts of interest that may arise during the life of this award. Conflicts of interest include any relationship or matter which might place the Recipient or its employees in a position of conflict, real or apparent, between their responsibilities under the agreement and any other outside interests. Conflicts of interest may also include, but are not limited to, direct or indirect financial interests, close personal relationship, positions of trust in outside organizations, consideration of future employment arrangements with a different organization, or making a decision affecting the award that a reasonable person with knowledge of the relevant facts would question the Recipient</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>and/or Recipients employees and Subrecipients impartiality in the matter.</p> <p>The grants officer and the servicing ethics counselor will determine if a conflict of interest exists. If a conflict of interest exists, the grants officer will determine whether a mitigation plan is feasible. Mitigation plans must be approved by the grants officer in writing. Failure to resolve conflicts of interest in a manner that satisfies the government may be cause for termination of the award.</p> <p>With certain exceptions found in Chapter 2-260 of the Federal Assistance Manual, you must keep these records for three years starting on the day you send us your final expenditure report to close the assistance agreement.</p> <p>This agreement takes effect at the time of approval by the Director of OSM or his authorized delegate. The recipient accepts the agreement including the terms and conditions by starting work or making its first request for Federal funds approved under this agreement.</p> <p>OSMRE INVOLVEMENT (substantial federal involvement)</p> <p>We reserve the option to halt any portion of or the entire project immediately if warranted.</p> <p>Examples include if project protocols or specifications are not followed or met.</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>We will also closely monitor performance to provide specific direction or redirection of the project work.</p> <p>Our involvement may be modified if mutually agreed upon by both parties.</p> <p>LIST OF DELIVERABLES</p> <p>(Potential Human Health of Surface Coal Mine Operations in Central Appalachia)</p> <p>OSMRE Deliverables</p> <ul style="list-style-type: none"> • OSMRE Office of Communications will coordinate with NAS Public Affairs to provide media releases and announce other information to stakeholders of this project • Attend open meetings and briefings as necessary • Review and accept quarterly reports submitted by NAS • Review and approve each financial drawdown requested by NAS • Review preliminary report and promptly notify NAS of any comments unrelated to the overall findings of the committee • Disseminate hard-copy books of the final report to government offices and other stakeholders <p>National Academies of Sciences Deliverables</p> <ul style="list-style-type: none"> • NAS Public Affairs will coordinate with OSMRE Office of Communications to provide media <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>releases and announce other information to stakeholders of this project</p> <p>â€¢ Announce committee members, a brief description of the project, and other information to afford the public greater knowledge of this project and an opportunity to provide comments</p> <p>â€¢ Prepare and submit a quarterly financial (SF-425) and programmatic report within 30 days of the end of each calendar quarter as outlined in 2 CFR Â§ 200.327 and 2 CFR Â§ 200.328. Calendar quarters are as follows: September 30, December 31, March 31, and June 30. (For example, the first quarter would cover the partial quarter ending on September 30, 2016 and the corresponding quarterly report must be submitted to OSMRE by October 30, 2016)</p> <p>â€¢ Coordinate and administer four open meetings to gather stakeholder input</p> <p>â€¢ Conduct five closed session meetings for deliberation and report writing</p> <p>â€¢ Prepare and deliver a prepublication report to OSMRE within 18 months of study initiation</p> <p>â€¢ Submit advance copies (under embargo) of the prepublication report to OSMRE and interested members of Congress several days in advance of the public release</p> <p>â€¢ Conduct separate pre-release briefings about the preliminary report to both OSMRE and interested members of Congress (ideally on the same day) during the embargo period</p> <p>â€¢ Prepare and release the preliminary report of findings to OSMRE and the public. Make the preliminary report available for free on publisher's website</p> <p>â€¢ Coordinate and administer a public briefing in West Virginia following the public release of the preliminary report</p> <p>â€¢ Prepare and submit 400 hard-copy books of the Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>final report within six months after the release of the prepublication draft of the report, along with a non-technical summary of the report for public education purposes. Make the report available for free on publisher's website.</p> <p>OSMRE PRE-APPROVAL OF DRAWDOWNS</p> <p>Funds awarded in this cooperative agreement are subject to OSMRE review and pre-approval prior to disbursement. Supporting documentation must be submitted to us, upon requested.</p> <p>Legacy Doc #: OSM</p> <p>Delivery: 07/31/2018</p> <p>Delivery Location Code: 0003820475</p> <p>OSM, Headquarters</p> <p>1951 Constitution Ave, NW</p> <p>Washington DC 20240 US</p> <p>Account Assignment: K G/L Account: 6100.411C0</p> <p>Business Area: S000 Commitment Item: 411C00 Cost Center: SS03700000 Functional Area: S1T1T0000.1T4610 Fund: 156S180110 Fund Center: SS03700000 Project/WBS: SX.461 PR Acct Assign Line: 01</p> <p>Period of Performance: 08/01/2016 to 07/31/2018</p>				
00010	<p>FA DC FY 2016 AS NAS</p> <p>Obligated Amount: \$1,003,553.00</p> <p>The total amount of award: \$1,003,553.00. The obligation for this award is \$1,003,553.00.</p>				1,003,553.00



Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - Award No. S16AC20034

1 message

Rockwell, Joshua <jrockwell@osmre.gov>

Mon, Dec 19, 2016 at 8:35 AM

To: Kimberly Harper <kharper@osmre.gov>, "Bautista, Jay" <jbautista@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, "Kuhns, Michael F. Mick" <mkuhns@osmre.gov>

All:

Mick and I have reviewed NAS's request for a drawdown in the amount of \$17,771.11. We approve their request.

Based upon recent meetings with NAS, the process will be that they will send Mick and I a requested amount and justification. Once we approve, they will then initiate the drawdown. So, when you see the drawdown for \$17,771, it is approved.

See message strings below.

Thank you,
Josh

----- Forwarded message -----

From: **Rockwell, Joshua** <jrockwell@osmre.gov>

Date: Mon, Dec 19, 2016 at 8:30 AM

Subject: Re: NAS Drawdown Request - Award No. S16AC20034

To: "Rogers, Nicholas" <NRogers@nas.edu>

Cc: Michael Kuhns <mkuhns@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Mick and I have reviewed your request for this drawdown.

We approve your request.

Thank you,
Josh

On Fri, Dec 16, 2016 at 9:32 AM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Good Morning Josh and Mick,

We are sending the next drawdown request for your approval.

NAS Drawdown request for \$17,771.11:

\$14,339.58 for labor and associated costs related to the nominations and vetting process of prospective members.

\$3,431.53 for labor and associated costs related to background research and data collection.

Total request \$17,771.11

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

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Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - April 2017 - Award No. S16AC20034

6 messages

Kuhns, Michael <mkuhns@osmre.gov>

Wed, May 17, 2017 at 10:58 AM

To: Kimberly Harper <kharper@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>

Cc: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

All:

Josh and I have reviewed NAS's recent drawdown request for April in the amount of \$29,986.99, and approve their request.

According to my records, this represents a total draw of \$175,364.61 (29% of Year 1 monies) since their first billing in September 2016.

See message strings below.

Thank you,

Mick

----- Forwarded message -----

From: **Kuhns, Michael** <mkuhns@osmre.gov>

Date: Wed, May 17, 2017 at 10:53 AM

Subject: Re: NAS Drawdown Request - April 2017 - Award No. S16AC20034

To: "Rogers, Nicholas" <NRogers@nas.edu>

Cc: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, Michael Kuhns <mkuhns@osmre.gov>

Nicholas,

Josh and I have reviewed your drawdown request for April expenses, and we approve your request.

Thank you,

Mick

On Mon, May 15, 2017 at 5:41 PM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Good Afternoon Mick and Josh,

This is the draw request for April's activities:

\$25,485.77 for labor and associated costs related to following up on Meeting 1 (DC), planning Meeting 2 (WV) with the staff and committee, and for background research for meeting materials and report.

\$3,484.88 for partial travel expenses for committee members to Meeting 1 plus its associated costs (some committee travel on last draw)

\$949.70 for meeting costs for Meeting 1, plus its associated costs.

\$66.64 for other direct costs (conference calls with committee/staff), plus its associated costs.

\$29,986.99 April Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

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PH: (202)334-2208

Twitter: NASEM_Earth

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Bautista, Jay <jbautista@osmre.gov>

Wed, May 17, 2017 at 11:04 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: Kimberly Harper <kharper@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Have they drawn down the funds? I don't want to act on this approval unless they have.

Jay Bautista

Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240

(202) 208-7411

[Quoted text hidden]

Harper, Kimberly <kharper@osmre.gov>

Wed, May 17, 2017 at 5:18 PM

To: "Bautista, Jay" <jbautista@osmre.gov>

Cc: "Kuhns, Michael" <mkuhns@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Certifying officers are not seeing a pending request in ASAP yet.

[Quoted text hidden]

—
Kimberly Harper-Taylor

Grants Financial Specialist
Office of Surface Mining Reclamation & Enforcement
303-236-0330 x273
kharper@osmre.gov

Kuhns, Michael <mkuhns@osmre.gov>

Thu, May 18, 2017 at 9:44 AM

To: "Harper, Kimberly" <kharper@osmre.gov>

Cc: "Bautista, Jay" <jbautista@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Kim,

I am waiting to hear back from Jay about this --- as I am unsure what the sequence should be in handling this drawdown request.

Mick

[Quoted text hidden]

Bautista, Jay <jbautista@osmre.gov>

Fri, May 19, 2017 at 8:48 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: "Harper, Kimberly" <kharper@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Mick and Josh,

It is all fine and dandy for you to approve NAS draw down requests, but we can't act on anything that has not been formally requested in ASAP by NAS. It seems to me that the best way for these transactions to happen is for NAS to draw the funds and concurrently send you a request to approve their draw down request. Once you approve, then we can take it from there.

Let me know if you have any questions.

Jay Bautista

Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240

(202) 208-7411

[Quoted text hidden]

Harper, Kimberly <kharper@osmre.gov>

Fri, May 19, 2017 at 9:50 AM

To: "Bautista, Jay" <jbautista@osmre.gov>

Cc: "Kuhns, Michael" <mkuhns@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Hello everyone,

In ASAP if an recipient is on Agency Review, when they put in a draw down request ASAP will let the certifying officers know that there is a pending request. Once they see this request, they let me know. I use your emails of approve to verify the grant, amount and recipient is correct (since we have several recipients on agency review). If everything matches, then I let the certifying officers know to certify the grant pending request.

Until a request from the recipient is made in ASAP, there is nothing that I can do, even if there is an approved request. It is on the recipient to make the request in ASAP. I am not sure what your process is before the request. Last time it took almost a week after the approval at OSM before we saw the request show up in ASAP.

I hope that this helps explain the process on our side.

Let me know if you have any questions.

I have asked our certifying officers to check again today to see if there is any pending requests.

Thanks,
Kimberly

[Quoted text hidden]



Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - February 2017 - Award No. S16AC20034

1 message

Rockwell, Joshua <jrockwell@osmre.gov>

Mon, Feb 6, 2017 at 10:41 AM

To: Kimberly Harper <kharper@osmre.gov>, "Bautista, Jay" <jbautista@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>

Cc: "Kuhns, Michael F. Mick" <mkuhns@osmre.gov>, "Payne, Harry J." <hpayne@osmre.gov>

Kimberly:

Mick and I have reviewed the NAS drawdown request below. Mick and I approve of NAS's request and the request may be allowed upon your receipt.

Thank you,
Josh

----- Forwarded message -----

From: **Rogers, Nicholas** <NRogers@nas.edu>

Date: Fri, Feb 3, 2017 at 4:04 PM

Subject: NAS Drawdown Request - February 2017 - Award No. S16AC20034

To: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

Cc: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Josh and Mick,

This is the next NAS Drawdown request for \$22,478.28:

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting 1 with the membership meetings and background research for meeting materials.

\$ 8.89 for other direct costs (photocopying and long distance phone calls) plus its associated costs.

Total request \$22,478.28 is through expenses thru January 20, 2016.

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

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Washington, DC 20001

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Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - January 2017 - Award No. S16AC20034

1 message

Rockwell, Joshua <jrockwell@osmre.gov>

Wed, Jan 11, 2017 at 7:48 AM

To: Kimberly Harper <kharper@osmre.gov>, "Bautista, Jay" <jbautista@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, "Payne, Harry J." <hpayne@osmre.gov>

All:

Mick and I have reviewed the drawdown request from NAS (see message strings below). We have approved the request for \$22,204.08. When you see the request for this amount of money, you may release the funds to NAS.

Thank you,
Josh

----- Forwarded message -----

From: **Rockwell, Joshua** <jrockwell@osmre.gov>

Date: Wed, Jan 11, 2017 at 7:46 AM

Subject: Re: NAS Drawdown Request - January 2017 - Award No. S16AC20034

To: "Rogers, Nicholas" <NRogers@nas.edu>

Cc: Michael Kuhns <mkuhns@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Mick and I have reviewed your request and approve a drawdown in the amount of \$22,204.08.

Thank you,
Josh

On Tue, Jan 10, 2017 at 3:35 PM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Josh and Mick,

This is the next NAS Drawdown request for \$22,204.08:

\$ 13,713.94 for labor and associated costs related to the nominations and vetting process of prospective members.

\$ 8,424.22 for labor and associated costs related to background research and data collection.

\$ 65.92 for other direct costs (postage and office supplies) plus its associated costs.

Total request \$22,204.08 is through expenses thru December 2016.

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

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Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - June 2017 - Award No. S16AC20034

4 messages

Kuhns, Michael <mkuhns@osmre.gov>

Wed, Aug 2, 2017 at 7:33 AM

To: Kimberly Harper <kharper@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, "Richardson, Yetunde"

<yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Cc: Michael Kuhns <mkuhns@osmre.gov>

Kim:

I have reviewed the drawdown request (below) and approve NAS's request for \$27,072.92 for expenses for June 2017.

According to my calculations, the total amount they will have been paid to date would now become \$278,357.04.

Thank you,

Mick

----- Forwarded message -----

From: **Rogers, Nicholas** <NRogers@nas.edu>

Date: Tue, Aug 1, 2017 at 12:26 PM

Subject: RE: NAS Drawdown Request - June 2017 - Award No. S16AC20034

To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

Cc: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>

Mick and Josh,

This is the draw request for June's activities:

\$9,095.55 for labor and associated costs related to wrapping up Meeting 2 (Logan, WV in May) expenses.

\$2,215.80 for partial travel for committee members to Meeting 2, plus its associated costs.

\$12,033.44 for labor and associated costs related to planning Meeting 3 (Washington, DC in July) and background research for meeting materials.

\$3,728.13 for other direct costs (i.e., postage, ad purchases, supplies and conference calls with committee/staff), plus its associated costs.

\$ 27,072.92 June Total

Nicholas D. Rogers

Financial and Research Associate

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Kuhns, Michael <mkuhns@osmre.gov>

Wed, Aug 2, 2017 at 7:40 AM

To: Kimberly Harper <kharper@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, "Richardson, Yetunde"

<yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Cc: Michael Kuhns <mkuhns@osmre.gov>

Kim:

I have reviewed the drawdown request (below) and approve NAS's request for \$27,072.92 for expenses for June 2017.

According to my calculations, the total amount they will have been paid to date would nowborah" <DGlickson@nas.edu>

Mick and Josh,

This is the draw request for June's activities:

\$9,095.55 for labor and associated costs related to wrapping up Meeting 2 (Logan, WV in May) expenses.

\$2,215.80 for partial travel for committee members to Meeting 2, plus its associated costs.

\$12,033.44 for labor and associated costs related to planning Meeting 3 (Washington, DC in July) and background research for meeting materials.

\$3,728.13 for other direct costs (i.e., postage, ad purchases, supplies and conference calls with committee/staff), plus its associated costs.

\$ 27,072.92 June Total

Nicholas D. Rogers

Financial and Research Associate

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Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - March 2017 - Award No. S16AC20034

3 messages

Kuhns, Michael <mkuhns@osmre.gov>

Wed, Apr 19, 2017 at 10:13 AM

To: Kimberly Harper <kharp@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>

Cc: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

All:

Josh and I have reviewed NAS's recent request for a drawdown in the amount of \$57,448.05 for March 2017. We approve their request.

According to my records, this represents a total draw of \$145,377.62 since their first billing in September 2016.

See message strings below.

Thank you,

Mick

----- Forwarded message -----

From: **Rogers, Nicholas** <NRogers@nas.edu>

Date: Wed, Apr 19, 2017 at 9:34 AM

Subject: RE: NAS Drawdown Request - March 2017 - Award No. S16AC20034

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Good Morning Mick:

Here is the break down. Let me know if you want more detail on the individual travelers:

\$3896.64 is for tickets/fees/G&A for 7 travelers that flew into DC for the meeting. Travel Expense reports for theses7 and the others are pending.

\$0 Meeting expenses – as they take time to cycle through our system and to charge the contract.

Cheers,

Nick

From: Kuhns, Michael [mailto:mkuhns@osmre.gov]

Sent: Wednesday, April 19, 2017 9:22 AM

To: Rogers, Nicholas

Cc: Rockwell, Joshua; Cheran, Ramamani; Glickson, Deborah; Michael Kuhns; Eide, Elizabeth

Subject: Re: NAS Drawdown Request - March 2017 - Award No. S16AC20034

Hi Nicholas,

I am fine with the expenses for this billing cycle, but I would appreciate a further breakdown of how much of the \$3,896.64 for this period was for "partial travel" and how much was for "meeting expense". This would be consistent with the accounting breakdown in the cooperative agreement proposal, and how I am keeping track of expenses by category.

Thanks,

Mick

On Mon, Apr 17, 2017 at 4:39 PM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Good Afternoon Mick and Josh,

This is the draw request for March's activities:

\$53,187.03 for labor and associated costs related to planning Meeting 1, including working with committee members, meeting logistics, and background research.

\$3,896.64 for partial travel and meeting costs for committee members to Meeting 1 (not all committee travel and meeting costs are reflected in this draw; others will follow)

\$364.38 for other direct costs (photocopying and conference calls) plus its associated costs.

\$57,448.05 March Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

Richardson, Yetunde <yrichardson@osmre.gov>

Thu, Aug 10, 2017 at 11:34 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: Kimberly Harper <kharper@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Mick,

Please respond to recipient email approving drawdown request.

[Quoted text hidden]

--

Best Regards,

Yetunde E. Richardson

Grants Management Specialist

Department of the Interior

Office of Surface Mining Reclamation and Enforcement

Division of Reclamation Support

1951 Constitution Avenue N.W. #125

Washington, D.C. 20240

Phone: (202) 208-2766 Fax: (202) 219-0239

Kuhns, Michael <mkuhns@osmre.gov>

Thu, Aug 10, 2017 at 1:02 PM

To: "Rogers, Nicholas" <NRogers@nas.edu>

Cc: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

Josh and I approve of your latest drawdown request. I alerted our finance people on August 2, but did not send an e-mail to you.

Mick

On Thu, Aug 10, 2017 at 11:26 AM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Good Morning Mick and Josh,

I don't believe we received your approval for this draw request.

Kind regards,

Nick

From: Rogers, Nicholas

Sent: Tuesday, August 01, 2017 12:26 PM

To: 'Kuhns, Michael' <mkuhns@osmre.gov>; 'Rockwell, Joshua' <jrockwell@osmre.gov>

Cc: Cheran, Ramamani <RCheran@nas.edu>; Glickson, Deborah <DGlickson@nas.edu>

Subject: RE: NAS Drawdown Request - June 2017 - Award No. S16AC20034

Mick and Josh,

This is the draw request for June's activities:

2/20/2018

DEPARTMENT OF THE INTERIOR Mail - Fwd: NAS Drawdown Request - June 2017 - Award No. S16AC20034

\$9,095.55 for labor and associated costs related to wrapping up Meeting 2 (Logan, WV in May) expenses.

\$2,215.80 for partial travel for committee members to Meeting 2, plus its associated costs.

\$12,033.44 for labor and associated costs related to planning Meeting 3 (Washington, DC in July) and background research for meeting materials.

\$3,728.13 for other direct costs (i.e., postage, ad purchases, supplies and conference calls with committee/staff), plus its associated costs.

\$ 27,072.92 June Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

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Bautista, Jay <jbautista@osmre.gov>

Wed, Apr 19, 2017 at 10:47 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: Kimberly Harper <kharper@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>

NAS needs to draw it down. There's nothing to approve.

Jay Bautista

Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240

(202) 208-7411

----- Forwarded message -----

From: **Harper, Kimberly** <kharper@osmre.gov>

Date: Wed, Apr 19, 2017 at 10:46 AM

Subject: Fwd: NAS Drawdown Request - March 2017 - Award No. S16AC20034

To: Jay Bautista <jbautista@osmre.gov>

We will keep checking, but can't approve anything until they request it.

Thanks,
Kimberly

----- Forwarded message -----

From: **Martinez, Audrey** <amartinez@osmre.gov>

Date: Wed, Apr 19, 2017 at 8:44 AM

Subject: Re: NAS Drawdown Request - March 2017 - Award No. S16AC20034

To: "Harper, Kimberly" <kharper@osmre.gov>

It isn't in ASAP yet

On Wed, Apr 19, 2017 at 8:37 AM, Harper, Kimberly <kharper@osmre.gov> wrote:

Hello,

Please approve this draw down request for \$57,448.05. Let me know if you don't see it in ASAP yet?

Thanks,
Kimberly

[Quoted text hidden]

--

Kimberly Harper-Taylor

Grants Financial Specialist
Office of Surface Mining Reclamation & Enforcement
303-236-0330 x273
kharper@osmre.gov

--

Audrey Martinez
Office of Surface Mining
Department of Interior
303-236-0330 X-260

--

Kimberly Harper-Taylor

Grants Financial Specialist
Office of Surface Mining Reclamation & Enforcement
303-236-0330 x273
kharper@osmre.gov

Kuhns, Michael <mkuhns@osmre.gov>

Wed, Apr 19, 2017 at 11:00 AM

To: "Bautista, Jay" <jbautista@osmre.gov>

Cc: Kimberly Harper <kharper@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

OK. I thought you may have needed to additionally do something to allow them to draw down each time.

Mick

[Quoted text hidden]



Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - Nov 2017 - Award No. S16AC20034

12 messages

Kuhns, Michael <mkuhns@osmre.gov>

Thu, Nov 16, 2017 at 9:30 AM

To: Kimberly Harper <kharp@osmre.gov>

Cc: Jay Bautista <jbautista@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>, Harry Payne <hpayne@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

Kim,

Please note the last paragraph in the NAS e-mail about OSMRE needing to reject an accidental draw request from a replacement accountant (which I have not seen via e-mail and which may not contain the correct amount for the final draw).

I am checking with Josh (on travel) before recommending that we approve the subsequent draw request.

Mick

Michael "Mick" Kuhns, Physical Scientist*U.S. Department of the Interior**Office of Surface Mining Reclamation and Enforcement**1849 C Street NW, Washington, D.C. 20240 Room 4556**Office: (202) 208-2860**mkuhns@osmre.gov*

----- Forwarded message -----

From: **Rogers, Nicholas** <NRogers@nas.edu>

Date: Thu, Nov 16, 2017 at 9:16 AM

Subject: NAS Drawdown Request - Nov 2017 - Award No. S16AC20034

To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

Cc: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Spriggs, Sugi" <SSpriggs@nas.edu>

Josh and Mick,

This draw request is for expenses that have been incurred through today, 11/16/17. These are all the outstanding costs for Meeting 4 along with the labor costs needed to process these expenses. This should be the last draw on expenses incurred.

\$576.68 for labor and associated costs related to reimbursements for meeting 4 expenses.

\$13,585.43 for final travel costs for committee members to meeting 4 plus its associated costs.

\$14,162.11 total

Our usual accountant is out of the country and her replacement accidentally requested the final draw before we were able to send this approval. I believe you will have to reject that request as it was not approved by you all before it was sent and there may have been one final small charge missing. I apologize for the mistake.

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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Rockwell, Joshua <jrockwell@osmre.gov>

Mon, Nov 20, 2017 at 9:26 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: Kimberly Harper <kharp@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Harry Payne <hpayne@osmre.gov>

Kim:

Mick and I have reviewed the draw down request and have approved the NAS request. You may release funds in the amount of \$14,162.11.

v/r

Josh Rockwell

*Mining Engineer/Dam Safety Officer
Office of Surface Mining, Reclamation and Enforcement
Division of Regulatory Support
1849 C. Street, NW, Mail Stop 4550
Washington, DC 20240
(202) 209-2633 work
(410) 456-8042 cell*

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>

Mon, Nov 20, 2017 at 9:29 AM

To: "Rockwell, Joshua" <jrockwell@osmre.gov>

Hello Josh,

Is this the final draw down? If so, we would like to place the grant on hold.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

[Quoted text hidden]

Rockwell, Joshua <jrockwell@osmre.gov>
To: "Richardson, Yetunde" <yrichardson@osmre.gov>

Mon, Nov 20, 2017 at 9:36 AM

According to Nick at NAS it is. Here is what he said in the initial message for this request, "This should be the last draw on expenses incurred."

Josh Rockwell

*Mining Engineer/Dam Safety Officer
Office of Surface Mining, Reclamation and Enforcement
Division of Regulatory Support
1849 C. Street, NW, Mail Stop 4550
Washington, DC 20240
(202) 209-2633 work
(410) 456-8042 cell*

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>
To: "Rockwell, Joshua" <jrockwell@osmre.gov>

Mon, Nov 20, 2017 at 9:38 AM

Okay, thank you. I overlooked that email.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>
To: Kimberly Harper <kharp@osmre.gov>

Mon, Nov 20, 2017 at 9:55 AM

Hi Kimberly,
This was the last draw down request on the NAS Cooperative Agreement. I would like to place the grant on hold. Do you know the procedure involved in this?

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>
To: Kimberly Harper <kharp@osmre.gov>

Tue, Nov 21, 2017 at 9:41 AM

I noticed that here is a hold function in PRISM:

PRISM

Grant Information		
Grant Number: S16AC20034	Stage: Released Modified Award	Obligation: \$0.00
Version: 0001 - Released	Net View: Off	Total Amount without Options: \$0.00
	Number of Items: 0	Total Amount: \$0.00
Hold on Award		

Placing a hold on S16AC20034 will prevent further
procurement activity on this award until the hold is removed.

Are you sure you want to place a hold on S16AC20034 ?

Is it okay to use this function? Thanks in advance.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

[Quoted text hidden]

Harper, Kimberly <kharp@osmre.gov>
To: "Richardson, Yetunde" <yrichardson@osmre.gov>

Tue, Nov 21, 2017 at 11:15 AM

Hello,

It is not recommended to use the HOLD function in PRISM. The BIO has warned us about this functionality before.

What is it that you are trying to accomplish? We already have the grant on agency review. So any draws would have to be approved by the OSM prior to them getting paid.

The only other thing that I can do is temporary suspend the grant. However, we have to have a valid reason why and you have to let the recipient know.

I think more information on what you would like to accomplish would be helpful.

Thanks,
Kimberly

[Quoted text hidden]

--

Kimberly Harper-Taylor

Grants Financial Specialist
Office of Surface Mining Reclamation & Enforcement
303-236-0330 x273
kharper@osmre.gov

Richardson, Yetunde <yrichardson@osmre.gov>
To: "Harper, Kimberly" <kharper@osmre.gov>

Tue, Nov 21, 2017 at 11:25 AM

Hello Kimberly,
Because the NAS cooperative agreement has been halted until further notice, I thought there would be some financial action that needed to take place in the system. If that is not the case, that is fine too. As far as temporarily suspending the grant, the recipient has already been notified that the grant is on hold so that seems like a valid reason to suspend it, but I have never done this before so I am not really sure.

I will at least delete the upcoming milestones associated with the cooperative agreement for now since the recipient is not required to submit any reports to us.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

[Quoted text hidden]

Harper, Kimberly <kharper@osmre.gov>
To: "Richardson, Yetunde" <yrichardson@osmre.gov>

Tue, Nov 21, 2017 at 12:27 PM

Okay, I can suspend it but we are still waiting for the last draw to be requested.

Thanks,
Kimberly

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>
To: "Harper, Kimberly" <kharper@osmre.gov>

Tue, Nov 21, 2017 at 12:29 PM

Great, thank you. I will send the recipient a reminder to request the funds in ASAP.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>
To: NRogers@nas.edu
Bcc: Kimberly Harper <kharper@osmre.gov>

Tue, Nov 21, 2017 at 12:34 PM

Hello,
Your final draw down request has been approved per email below. Please request funds in ASAP.

Thank you.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

----- Forwarded message -----

From: **Rockwell, Joshua** <jrockwell@osmre.gov>
Date: Mon, Nov 20, 2017 at 9:26 AM
Subject: Re: NAS Drawdown Request - Nov 2017 - Award No. S16AC20034
To: "Kuhns, Michael" <mkuhns@osmre.gov>

[Quoted text hidden]



Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

13 messages

Kuhns, Michael <mkuhns@osmre.gov>

Mon, Sep 18, 2017 at 9:31 AM

To: Harry Payne <hpayne@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>

Cc: Michael Kuhns <mkuhns@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Yetunde and Harry,

Since Josh is out of the office this week, I want to make you aware that yesterday afternoon NAS submitted this draw request. This covers expenses through the 9/1/2017 pay period. Whereas the previous requests were for a one-month period, this request covers a two-month period ---- **but also indicates that some outstanding costs for Meeting 3 and 4 will appear on future draw requests.** Approval of this request would bring the total costs to \$407,148.58. The original projected first year cost was \$607K. As you can follow in the attached EXCEL file, despite some additional costs that will be charged in the next draw request(s), the approximate \$200K lower amount billed for the first year is largely from lower costs in the following areas-- travel (\$132K less), meeting costs (\$38K less), technology/communication (\$17K less), and direct labor (\$13K less).

Glenda issued the pause on August 18, but specified that "the three-day August 21-24 event (in Kentucky) may proceed as planned as an exception to this direction. Any later-resulting staff expenses associated with processing reimbursements related to the work occurring during those same three days, which we expect to be minimal, e.g., travel reimbursements, also may be incurred".

Please call me if you want to discuss. I plan to ask NAS if there will be more than one future draw request, what types of remaining expenses they will cover, and when we should expect to receive them.

Mick

----- Forwarded message -----

From: **Rogers, Nicholas** <NRogers@nas.edu>

Date: Fri, Sep 15, 2017 at 12:52 PM

Subject: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

Cc: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>

Josh and Mick,

This draw request is for expenses that have been incurred through the 9/1/2017 pay period. There are still outstanding costs for Meeting 3 and 4 that will appear on future draw requests, along with the labor costs needed to process these expenses.

\$9,211.24 for partial Meeting 2 travel for committee members, plus associated costs.

\$12,593.80 for labor and associated costs related to Meeting 3.

\$10,492.81 for partial Meeting 3 travel for committee members, plus associated costs.

\$96,224.15 for labor and associated costs related to planning Meeting 4 with the committee membership, and for staff time spent working on study materials and background research for the meeting.

\$269.54 for other direct costs (copying, postage, conference calls with committee/staff), plus associated costs.

\$128,791.54 TOTAL

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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 **NASEM coop agmt cost summary 8-1-2017.xlsx**
16K

Kuhns, Michael <mkuhns@osmre.gov>

Mon, Sep 18, 2017 at 9:38 AM

To: Jay Bautista <jbautista@osmre.gov>, Yolande Norman <ynorman@osmre.gov>


Cc: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Harry Payne <hpayne@osmre.gov>

Yolande and Jay,

After forwarding an e-mail to Yetunde and others a few minutes ago, I got an auto-reply that Yetunde would be out of the office through October 2. I'd like to make you aware that we received a draw request yesterday, and ask that you provide any comments regarding my proposed questions to NAS.

Mick

[Quoted text hidden]

 **NASEM coop agmt cost summary 8-1-2017.xlsx**
16K

Norman, Yolande <ynorman@osmre.gov>

Mon, Sep 18, 2017 at 9:40 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: Jay Bautista <jbautista@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Harry Payne <hpayne@osmre.gov>

Hi Mick,

Yetunde is on travel but she will be available by mid-week to provide you with a response concerning this request.

She will be in touch with you shortly.

Yolande

[Quoted text hidden]

--

Yolande J.C. Norman
Chief, Reclamation Support Division
Program Support Directorate
Department of Interior
Office of Surface Mining Reclamation & Enforcement
1951 Constitution Ave, N.W.
South Interior Building, Room 121
Washington DC, 20240
Tele: (202) 208-2868
Email: ynorman@osmre.gov

Richardson, Yetunde <yrichardson@osmre.gov>

Mon, Sep 18, 2017 at 6:59 PM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: Harry Payne <hpayne@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Hello Mick,

I think it is a good idea to reach out to NAS for clarification on the future draws. To clarify: are you approving the current request or do you need to set up a meeting to discuss with me?

If you approve the current drawdown request, please respond to NAS' original email and copy me and Kimberly Harper-Taylor at DFM kharper@osmre.gov. If you would like to meet to discuss tomorrow morning, let me know.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766 Fax: (202) 219-0239

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>

Mon, Sep 18, 2017 at 7:00 PM

To: Yolande Norman <ynorman@osmre.gov>

I meant to copy you on this email.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240

Phone: (202) 208-2766 Fax: (202) 219-0239

----- Forwarded message -----

From: **Richardson, Yetunde** <yrichardson@osmre.gov>

Date: Mon, Sep 18, 2017 at 6:59 PM

Subject: Re: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

To: "Kuhns, Michael" <mkuhns@osmre.gov>

[Quoted text hidden]

Kuhns, Michael <mkuhns@osmre.gov>

Tue, Sep 19, 2017 at 3:59 PM

To: "Richardson, Yetunde" <yrichardson@osmre.gov>

I will approve it tomorrow. I just wanted to let you know there will unexpectedly be other draw requests coming.

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>

Tue, Sep 19, 2017 at 11:18 PM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: Yolande Norman <ynorman@osmre.gov>

Great. Thank you for letting me know.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist

Department of the Interior

Office of Surface Mining Reclamation and Enforcement

Division of Reclamation Support

1849 C Street N.W. #4551

Washington, D.C. 20240

Phone: (202) 208-2766 Fax: (202) 219-0239

[Quoted text hidden]

Kuhns, Michael <mkuhns@osmre.gov>

Wed, Sep 20, 2017 at 8:54 AM

To: "Rogers, Nicholas" <NRogers@nas.edu>, Kimberly Harper <kharper@osmre.gov>

Cc: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Michael

Kuhns <mkuhns@osmre.gov>

Roger,

I have reviewed and approve of your draw request for \$128,791.54. I understand this covers most of the expenses you incurred for both July and August 2017, but that some additional expenses will be forthcoming in a separate draw request to cover the remaining costs of Meeting #4.

Please specify in your next draw request if it covers all of the expenses through the "halt" period issued by OSMRE Acting Director Glenda Owens on August 18, 2018.

Kimberly --- please approve this draw request in ASAP.

Thank you,

Mick

On Fri, Sep 15, 2017 at 12:52 PM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Josh and Mick,

This draw request is for expenses that have been incurred through the 9/1/2017 pay period. There are still outstanding costs for Meeting 3 and 4 that will appear on future draw requests, along with the labor costs needed to process these expenses.

\$9,211.24 for partial Meeting 2 travel for committee members, plus associated costs.

\$12,593.80 for labor and associated costs related to Meeting 3.

\$10,492.81 for partial Meeting 3 travel for committee members, plus associated costs.

\$96,224.15 for labor and associated costs related to planning Meeting 4 with the committee membership, and for staff time spent working on study materials and background research for the meeting.

\$269.54 for other direct costs (copying, postage, conference calls with committee/staff), plus associated costs.

\$128,791.54 TOTAL

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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Rogers, Nicholas <NRogers@nas.edu>

Wed, Sep 20, 2017 at 9:05 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>, Kimberly Harper <kharper@osmre.gov>

Cc: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>

Good Morning Mick,

You are correct that these are most of the expenses incurred in the July and August but some trailing costs from meeting 3 and 4, namely travel expense reports, are still being processed. We will specify in our next draw if this is all the expenses but that is hard to judge at present.

Please feel free to contact me with any questions or concerns.

Kind regards,

Nick Rogers

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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From: Kuhns, Michael [mailto:mkuhns@osmre.gov]

Sent: Wednesday, September 20, 2017 8:54 AM

To: Rogers, Nicholas <NRogers@nas.edu>; Kimberly Harper <kharper@osmre.gov>

Cc: Rockwell, Joshua <jrockwell@osmre.gov>; Cheran, Ramamani <RCheran@nas.edu>; Glickson, Deborah <DGlickson@nas.edu>; Richardson, Yetunde <yrichardson@osmre.gov>; Jay Bautista <jbautista@osmre.gov>; Michael Kuhns <mkuhns@osmre.gov>

Subject: Re: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

[Quoted text hidden]

Kuhns, Michael <mkuhns@osmre.gov>
To: Joshua Rockwell <jrockwell@osmre.gov>
Cc: "Richardson, Yetunde" <yrichardson@osmre.gov>

Tue, Oct 31, 2017 at 7:47 AM

Josh,

Are you fine with me approving their draw request?

Mick

Michael "Mick" Kuhns, Physical Scientist

U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
1849 C Street NW, Washington, D.C. 20240 Room 4556
Office: (202) 208-2860
mkuhns@osmre.gov

----- Forwarded message -----

From: **Rogers, Nicholas** <NRogers@nas.edu>
Date: Tue, Oct 24, 2017 at 2:44 PM
Subject: RE: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034
To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>
Cc: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>

Josh and Mick,

This draw request is for expenses that have been incurred through the end of September. There are still outstanding costs for Meeting 4 that will appear on a future draw request, along with the labor costs needed to process these expenses.

\$1,803.67 for labor and associated costs related to Meeting 3 reimbursements.

\$14,799.04 for partial Meeting 3 travel for committee members, plus associated costs.

\$3,751.65 for labor and associated costs related to Meeting 4 reimbursements.

\$11,834.47 for partial Meeting 4 travel for committee members, plus associated costs.

\$1,610.67 for other direct costs (conference calls with committee/staff), plus associated costs.

\$33,799.50 total

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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Rockwell, Joshua <jrockwell@osmre.gov>
To: "Kuhns, Michael" <mkuhns@osmre.gov>
Cc: "Richardson, Yetunde" <yrichardson@osmre.gov>

Tue, Oct 31, 2017 at 7:49 AM

It looks to be in line to me. Let's discuss face-to-face tomorrow.

Josh Rockwell

*Mining Engineer/Dam Safety Officer
Office of Surface Mining, Reclamation and Enforcement
Division of Regulatory Support
1849 C. Street, NW, Mail Stop 4550
Washington, DC 20240
(202) 209-2633 work
(410) 456-8042 cell*

[Quoted text hidden]

Rockwell, Joshua <jrockwell@osmre.gov>
To: "Rogers, Nicholas" <NRogers@nas.edu>
Cc: "Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, Sterling Rideout <srideout@osmre.gov>, "Payne, Harry J." <hpayne@osmre.gov>, Kimberly Harper <kharper@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, "Bautista, Jay" <jbautista@osmre.gov>

Wed, Nov 1, 2017 at 7:36 AM

Nick:

Your draw down request in the amount of \$33,799.50 is approved.

On October 12th, we were notified that draw down requests related to meeting 4 could take up to 2 months to receive and book. Since the meeting took place the last week in August, can we assume that we will have one more draw down request since the 2 month window has now past? We would like to get all draw down requests for all work completed prior to the "halt", as well as meeting 4, wrapped up as soon as possible. Will this be accomplished with the next draw down request, and do you have an approximate estimate of what the next request will total?

v/r

Josh Rockwell

*Mining Engineer/Dam Safety Officer
Office of Surface Mining, Reclamation and Enforcement
Division of Regulatory Support
1849 C. Street, NW, Mail Stop 4550*

Washington, DC 20240
(202) 209-2633 work
(410) 456-8042 cell

On Tue, Oct 24, 2017 at 2:44 PM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Josh and Mick,

This draw request is for expenses that have been incurred through the end of September. There are still outstanding costs for Meeting 4 that will appear on a future draw request, along with the labor costs needed to process these expenses.

\$1,803.67 for labor and associated costs related to Meeting 3 reimbursements.

\$14,799.04 for partial Meeting 3 travel for committee members, plus associated costs.

\$3,751.65 for labor and associated costs related to Meeting 4 reimbursements.

\$11,834.47 for partial Meeting 4 travel for committee members, plus associated costs.

\$1,610.67 for other direct costs (conference calls with committee/staff), plus associated costs.

\$33,799.50 total

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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Rogers, Nicholas <NRogers@nas.edu>

Wed, Nov 1, 2017 at 9:00 AM

To: "Rockwell, Joshua" <jrockwell@osmre.gov>

Cc: "Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, Sterling Rideout <srideout@osmre.gov>, "Payne, Harry J." <hpayne@osmre.gov>, Kimberly Harper <kharper@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, "Bautista, Jay" <jbautista@osmre.gov>

Josh,

I believe the next draw will be the last as all expenses are just processing through our accounting and payments from meeting 4.

My estimate for the final draw is in the \$14,500-\$15,500 range.

Thank you,

Nick Rogers

From: Rockwell, Joshua [mailto:jrockwell@osmre.gov]

Sent: Wednesday, November 01, 2017 7:36 AM

To: Rogers, Nicholas <NRogers@nas.edu>

Cc: Kuhns, Michael <mkuhns@osmre.gov>; Cheran, Ramamani <RCheran@nas.edu>; Glickson, Deborah <DGlickson@nas.edu>; Sterling Rideout <srideout@osmre.gov>; Payne, Harry J. <hpayne@osmre.gov>; Kimberly Harper <kharper@osmre.gov>; Yetunde Richardson <yrichardson@osmre.gov>; Bautista, Jay <jbautista@osmre.gov>

Subject: Re: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

[Quoted text hidden]



Richardson, Yetunde <yrichardson@osmre.gov>

Re: FW: description of costs S16AC20034

1 message

Rockwell, Joshua <jrockwell@osmre.gov>

Wed, Nov 2, 2016 at 9:17 AM

To: "Eide, Elizabeth" <EEide@nas.edu>, Kimberly Harper <kharper@osmre.gov>

Cc: "Claringbould, Katharine" <KClaringbould@nas.edu>, Michael Kuhns <mkuhns@osmre.gov>, "Rogers, Nicholas" <NRogers@nas.edu>, "Cheran, Ramamani" <RCheran@nas.edu>, "Bautista, Jay" <jbautista@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>

Elizabeth:

Your request for the draw is justified. Thank you.

Kimberly:

You should see a request for draw down from NAS for \$9,428.70 in ASAP. This amount may be released.
Thank you,
Josh

On Wed, Nov 2, 2016 at 9:08 AM, Eide, Elizabeth <EEide@nas.edu> wrote:

Hi Josh,

The Academies drawdown request for \$9,428.70 is broken down as follows:

\$9,428.70 for labor associated with administration of the project.

Please let us know if you have further questions.

Best,
Elizabeth

Elizabeth A. Eide, Ph.D.
Director, Board on Earth Sciences and Resources

Acting Director, Water Science and Technology Board
The National Academies of Sciences, Engineering, and Medicine
500 Fifth St., NW
Washington, DC 20001
tel: 202 334 2392

Visit BESR at <http://dels.nas.edu/besr>

Visit CER at <http://dels.nas.edu/global/besr/CER>

Visit WSTB at <http://dels.nas.edu/wstb>

Twitter: @NASEarth

The National Academies of
SCIENCES • ENGINEERING • MEDICINE



Richardson, Yetunde <yrichardson@osmre.gov>

Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034

12 messages

Kuhns, Michael <mkuhns@osmre.gov>

Wed, Feb 22, 2017 at 8:58 AM

To: "Rogers, Nicholas" <NRogers@nas.edu>

Cc: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Kimberly Harper <kharp@osmre.gov>

Hi Nick,

For this latest bill, there is an apparent discrepancy in the total bill amount (\$15,071.02) versus the summation of the two individual items (\$12,330.78 + \$3,076.84 = \$15,407.62).

For the previous month's bill, the total appears to be transposed from the summary of the individual items (\$22,748.28 versus \$22,478.28).

Please clarify the correct amounts for this bill and the prior month's bill.

Mick

On Tue, Feb 21, 2017 at 2:37 PM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Josh and Mick,

The next NAS Drawdown request for February 2017 is \$15,071.02:

\$ 12,330.78 for labor and associated costs related to planning meeting 1 with the membership from the agenda to invited expert speakers.

\$ 3,076.84 for labor and associated costs related to background research and data collection related to the project.

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: @NASEarth

Facebook

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Rogers, Nicholas <NRogers@nas.edu>

Wed, Feb 22, 2017 at 9:08 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Kimberly Harper <kharper@osmre.gov>

Mick,

My apologies. Not sure what happened there. I think I wrote the equations wrong in excel.

January - \$22,748.26

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting 1 with the membership meetings and background research for meeting materials.

\$ 8.89 for other direct costs (photocopying and long distance phone calls) plus its associated costs.

February – \$15,071.02:

\$ 11,994.18 for labor and associated costs related to planning meeting 1 with the membership from the agenda to invited expert speakers.

\$ 3,076.84 for labor and associated costs related to background research and data collection related to the project.

Again, my apologies and I hope this clarifies.

Kind regards,

Nick Rogers

From: Kuhns, Michael [mailto:mkuhns@osmre.gov]

Sent: Wednesday, February 22, 2017 8:58 AM

To: Rogers, Nicholas

Cc: jrockwell@osmre.gov; Cheran, Ramamani; Glickson, Deborah; Eide, Elizabeth; Richardson, Yetunde; Jay Bautista; Kimberly Harper

Subject: Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034

[Quoted text hidden]

Kuhns, Michael <mkuhns@osmre.gov>

Wed, Feb 22, 2017 at 9:30 AM

To: "Rogers, Nicholas" <NRogers@nas.edu>

Cc: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Kimberly Harper <kharper@osmre.gov>

Should the total for January be \$22,748.28? (two cents more)?

January - \$22,748.26

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting 1 with the membership meetings and background research for meeting materials.

\$ 8.89 for other direct costs (photocopying and long distance phone calls) plus its associated costs.

[Quoted text hidden]

Rogers, Nicholas <NRogers@nas.edu>

Wed, Feb 22, 2017 at 9:49 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Kimberly Harper <kharper@osmre.gov>

Yes.

From: Kuhns, Michael [mailto:mkuhns@osmre.gov]

Sent: Wednesday, February 22, 2017 9:30 AM

[Quoted text hidden]

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>

Wed, Feb 22, 2017 at 10:21 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Good Morning Mick,

I will send you a grant detail report shortly. This report will show all the funds that have been expended on the grant so far.

[Quoted text hidden]

--

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1951 Constitution Avenue N.W. #125
Washington, D.C. 20240
Phone: (202) 208-2766 Fax: (202) 219-0239


Richardson, Yetunde <yrichardson@osmre.gov>

Wed, Feb 22, 2017 at 10:25 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Please see attached.

[Quoted text hidden]

 **GrantDetailQuery_2017-02-22_08-22-13 S16AC20034.xlsx**
10K


Richardson, Yetunde <yrichardson@osmre.gov>

Wed, Feb 22, 2017 at 10:26 AM

To: Joshua Rockwell <jrockwell@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Kimberly Harper <kharp@osmre.gov>

Please see attached grant detail query for S16AC20034.

[Quoted text hidden]

 **GrantDetailQuery_2017-02-22_08-22-13 S16AC20034.xlsx**
12K

Kuhns, Michael <mkuhns@osmre.gov>

Wed, Feb 22, 2017 at 10:51 AM

To: "Richardson, Yetunde" <yrichardson@osmre.gov>

Thank you!

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>

Wed, Feb 22, 2017 at 10:57 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

You are welcome. Anytime you need another report, just let me know.

[Quoted text hidden]

Rockwell, Joshua <jrockwell@osmre.gov>

Mon, Feb 27, 2017 at 10:56 AM

To: "Rogers, Nicholas" <NRogers@nas.edu>

Cc: "Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Bcc: yrichardson@osmre.gov

Nicholas:

Your February request is approved (\$15,071.02).

Thank you,

Josh

On Mon, Feb 27, 2017 at 10:49 AM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Josh,

I hope the below are what you mean by the corrections.

January - \$22,748.28

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting 1 with the membership meetings and background research for meeting materials.

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February – \$15,071.02:

\$ 11,994.18 for labor and associated costs related to planning meeting 1 with the membership from the agenda to invited expert speakers.

\$ 3,076.84 for labor and associated costs related to background research and data collection related to the project.

From: Rockwell, Joshua [mailto:jrockwell@osmre.gov]
Sent: Monday, February 27, 2017 10:44 AM
To: Rogers, Nicholas
Cc: Kuhns, Michael; Cheran, Ramamani; Glickson, Deborah; Eide, Elizabeth

Subject: Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Was the error corrected? I don't remember seeing a corrected request?

On Mon, Feb 27, 2017 at 10:32 AM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Good Morning Mick and Josh,

Do we have your approval for the February draw?

Regards,

Nick Rogers

From: Kuhns, Michael [mailto:mkuhns@osmre.gov]
Sent: Wednesday, February 22, 2017 9:30 AM

[Quoted text hidden]

Harper, Kimberly <kharper@osmre.gov>
To: "Richardson, Yetunde" <yrichardson@osmre.gov>
Cc: Joshua Rockwell <jrockwell@osmre.gov>, Jay Bautista <jbautista@osmre.gov>

Tue, Mar 7, 2017 at 9:36 AM

After going through all the email trail here, is this amount approved?

Thanks,
Kimberly
[Quoted text hidden]

--

Kimberly Harper-Taylor
Grants Financial Specialist
Office of Surface Mining Reclamation & Enforcement
303-236-0330 x273
kharper@osmre.gov

Rockwell, Joshua <jrockwell@osmre.gov>
To: "Harper, Kimberly" <kharper@osmre.gov>
Cc: "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, "Kuhns, Michael F. Mick" <mkuhns@osmre.gov>

Tue, Mar 7, 2017 at 10:23 AM

Yes, NAS's request to draw \$15,071.02 is approved.

[Quoted text hidden]

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

January 25, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

Please find below a quarterly progress report for the National Academies of Sciences, Engineering, and Medicine (NASEM) project referenced above. It covers the period October 1 - December 31, 2016.

Activities undertaken in this quarter:

NASEM staff vetted potential nominees for committee membership. There were over 240 names that were submitted for consideration in response to the call for nominations. In addition, staff gathered background information, discussed the study with the Mountaintop Removal interagency group, and contacted OSMRE to discuss study schedule committee processes.

The first committee meeting is scheduled for March 7-8, 2017, in Washington DC. The meeting will be held at the Keck Center (500 5th St NW).

Activities anticipated in the next quarter:

NASEM staff will receive internal approval for the provisional committee and post membership onto the National Academies Current Project Systems website for a 20-day comment period.

Staff will determine the availabilities of provisional committee members for additional committee meetings, gather and disseminate background material for the committee, and plan and execute the first meeting. Future meeting dates will be provided to OSMRE as soon as possible.

Difficulties Encountered:

None, although please note that the milestone to have the committee approved is slightly behind schedule. Committee membership is critical to the project's success, so staff did not want to sacrifice quality in an effort to meet a specific time milestone. Staff are working on other methods to tighten the study schedule, particularly once the committee is approved.

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

January 25, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
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Programmatic Review Checklist for OSMRE Financial Assistance Programs

(For OSMRE Internal Use Only)

Version 5



Scope and Purpose of Review:

Program monitoring addresses the content and substance of the program. It is a qualitative review to determine performance, innovation, and contributions. It assesses whether award activities are consistent with the program narrative/work plan or proposed project activities identified in the application or agreement, and comply with statutory regulations and other policy guidelines. It also evaluates program outcomes and monitors administrative activities to ensure compliance with award terms & conditions and reporting requirements.

Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

1st Qrt Progress Review-Period Ending December 31st, 2017.

Findings - Initial Application:

	<u>Yes</u>	<u>No</u>	<u>N/A</u>
Objectives and Need for Assistance explains why the assistance is needed and states what the grant's primary and secondary objectives are.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Results and Benefits Expected describe how public health and safety will be protected and the environment or life of coalfield citizens will be improved during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Approach outlines the plan of action for the proposed scope of work as well as criteria and methodology to be used to evaluate results during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of Personnel and type of positions identified will adequately support the proposed program work to be accomplished during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The number of trips and purpose of travel are necessary for successful performance of proposed work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment identified is required for successful performance of proposed program work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Conducted AML subaccount review. Funding requested is consistent with the program objectives of the grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Supplies listed are needed to complete proposed program work during this grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Contractual services identified are essential to the successful performance of proposed work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other cost items identified are necessary expenses that must be incurred to meet program objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings - Report Monitoring

Reported activities are in compliance with the approved plan and Federal regulations.
Performance report compares the planned activities to actual accomplishments.
Performance report provides explanation for any/all deviations from the approved plan.
Recipient has met / will meet the objectives of the approved plan within the established performance period.
Conducted AML Sub-account review. Funding usage is consistent with the program objectives of the grant.

Yes No N/A

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
Established goals were met or an acceptable explanation was provided for why they were not met.
Quantitative data was provided on the output of the completed project(s) or program activity.
Conducted AML Sub-account review. Funding usage was consistent with the program objectives of the grant.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Watershed Cooperative Agreements Only

As built plan was included in the Closeout Project Performance Narrative.
Project partner(s) participation went according to plan.
Description, quantity, and calculated value of in-kind services or materials was included.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations**Yes** **No**Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary).

During the first-quarter of this eight-quarter cooperative agreement, NAS has successfully kept the project on track according to the cooperative agreement terms. NAS has assigned Deb Glickson to manage the project, and she is doing a great job transitioning into this role. The primary work effort for this period was starting to establish the NAS Committee for the project. Everything appears to be running as planned for this period.

Prepared by: Joshua S. Rockwell

Date: 7/13/17

Reviewed by: Michael F. Kuhns

Date: 7/13/17

Approved by: Yetunde Richardson

Date: 7/13/17

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

April 24, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

Please find below a quarterly progress report for the National Academies of Sciences, Engineering, and Medicine (NASEM) project referenced above. It covers the period January 1 – March 31, 2017.

Activities undertaken in this quarter:

Project staff received internal approval for the provisional committee and posted it onto the National Academies Current Project Systems website for a 20-day comment period. No comments were received.

An opt-in mailing list was created to provide updates to the study, including future meetings and opportunities to provide input. This was sent to a list of contacts in government, industry, environmental, and public health fields.

The project director submitted a preliminary schedule of planned committee meetings, which has since been slightly modified. These are:

- March 7-8 Washington, DC
- May 22-24 West Virginia
- July 11-12 Washington, DC (*was originally June 20-22 in Kentucky*)
- August 21-23 Kentucky
- Meeting 5 Date and location to be determined

The first committee meeting was held on March 7-8, 2017, in Washington DC. The meeting was held at the Keck Center (500 5th St NW) and included an open session with presentations from OSMRE, USGS, and VA DEQ. The agenda for this meeting is included as Attachment 1.

The committee also held several teleconferences during this period to advance their study progress.

Activities anticipated in the next quarter:

The second committee meeting is scheduled for May 22-24, 2017, at the Chief Logan Lodge (1000 Conference Center Dr, Logan, WV, 25601). The open session will be held on the afternoon of May 23, and there will be a town hall public forum the evening of May 23. Invitees for this meeting include state agencies from Virginia and West Virginia, coal industry representatives, and local environmental groups.

Planning for the third and fourth meetings will also happen in this quarter. The committee is also planning for its third meeting, which will be held on July 11-12 in Washington, DC. The venue was moved from Kentucky to DC because people representing health studies with opposing claims will be invited, and NASEM staff felt a neutral venue would be important to ensure a substantive discussion. The fourth meeting will be held in Kentucky, and will include invited representatives from Kentucky and Tennessee state agencies.

Difficulties Encountered:

None at this time.

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

Committee Meeting 1
March 7, 2017

Keck Center
500 5th St NW
Washington, DC 20001

OPEN SESSION AGENDA

Tuesday, March 7 – Room 100

Registration opens at 1:30 p.m.

- | | | |
|-----------|--|---|
| 1:45 p.m. | Welcome and Introductions | <i>Paul Locke, Committee Chair</i> |
| 2:00 p.m. | Study Origin and Objectives | <i>Office of Surface Mining Reclamation
And Enforcement (OSMRE)</i> |
| 2:30 p.m. | Discussion with Federal and State Agencies <ul style="list-style-type: none">• <i>U.S. Geological Survey – Bill Orem, Project Chief, Environmental Health Effects of Energy Resources</i>• <i>Virginia Department of Health – Dwight Flammia, Public Health Toxicologist</i> | |
| 3:45 p.m. | Public Comment Period | |
| | <i>Each speaker has a maximum time limit of 3 minutes. Accompanying written materials are encouraged.</i> | |
| 4:15 p.m. | <i>Open Session adjourns</i> | |

Programmatic Review Checklist for OSMRE Financial Assistance Programs

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Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

1st Qrt Progress Review-Period Ending December 31st, 2017.

Findings - Initial Application:

	<u>Yes</u>	<u>No</u>	<u>N/A</u>
Objectives and Need for Assistance explains why the assistance is needed and states what the grant's primary and secondary objectives are.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Other cost items identified are necessary expenses that must be incurred to meet program objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Yes No N/A

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
Established goals were met or an acceptable explanation was provided for why they were not met.
Quantitative data was provided on the output of the completed project(s) or program activity.
Conducted AML Sub-account review. Funding usage was consistent with the program objectives of the grant.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Watershed Cooperative Agreements Only

As built plan was included in the Closeout Project Performance Narrative.
Project partner(s) participation went according to plan.
Description, quantity, and calculated value of in-kind services or materials was included.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations**Yes** **No**Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary).

During the first-quarter of this eight-quarter cooperative agreement, NAS has successfully kept the project on track according to the cooperative agreement terms. NAS has assigned Deb Glickson to manage the project, and she is doing a great job transitioning into this role. The primary work effort for this period was starting to establish the NAS Committee for the project. Everything appears to be running as planned for this period.

Prepared by: Joshua S. Rockwell

Date: 7/13/17

Reviewed by: Michael F. Kuhns

Date: 7/13/17

Approved by: Yetunde Richardson

Date: 7/13/17

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

April 24, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

Please find below a quarterly progress report for the National Academies of Sciences, Engineering, and Medicine (NASEM) project referenced above. It covers the period January 1 – March 31, 2017.

Activities undertaken in this quarter:

Project staff received internal approval for the provisional committee and posted it onto the National Academies Current Project Systems website for a 20-day comment period. No comments were received.

An opt-in mailing list was created to provide updates to the study, including future meetings and opportunities to provide input. This was sent to a list of contacts in government, industry, environmental, and public health fields.

The project director submitted a preliminary schedule of planned committee meetings, which has since been slightly modified. These are:

- March 7-8 Washington, DC
- May 22-24 West Virginia
- July 11-12 Washington, DC (*was originally June 20-22 in Kentucky*)
- August 21-23 Kentucky
- Meeting 5 Date and location to be determined

The first committee meeting was held on March 7-8, 2017, in Washington DC. The meeting was held at the Keck Center (500 5th St NW) and included an open session with presentations from OSMRE, USGS, and VA DEQ. The agenda for this meeting is included as Attachment 1.

The committee also held several teleconferences during this period to advance their study progress.

Activities anticipated in the next quarter:

The second committee meeting is scheduled for May 22-24, 2017, at the Chief Logan Lodge (1000 Conference Center Dr, Logan, WV, 25601). The open session will be held on the afternoon of May 23, and there will be a town hall public forum the evening of May 23. Invitees for this meeting include state agencies from Virginia and West Virginia, coal industry representatives, and local environmental groups.

Planning for the third and fourth meetings will also happen in this quarter. The committee is also planning for its third meeting, which will be held on July 11-12 in Washington, DC. The venue was moved from Kentucky to DC because people representing health studies with opposing claims will be invited, and NASEM staff felt a neutral venue would be important to ensure a substantive discussion. The fourth meeting will be held in Kentucky, and will include invited representatives from Kentucky and Tennessee state agencies.

Difficulties Encountered:

None at this time.

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

Committee Meeting 1
March 7, 2017

Keck Center
500 5th St NW
Washington, DC 20001

OPEN SESSION AGENDA

Tuesday, March 7 – Room 100

Registration opens at 1:30 p.m.

- | | | |
|-----------|--|---|
| 1:45 p.m. | Welcome and Introductions | <i>Paul Locke, Committee Chair</i> |
| 2:00 p.m. | Study Origin and Objectives | <i>Office of Surface Mining Reclamation
And Enforcement (OSMRE)</i> |
| 2:30 p.m. | Discussion with Federal and State Agencies <ul style="list-style-type: none">• <i>U.S. Geological Survey – Bill Orem, Project Chief, Environmental Health Effects of Energy Resources</i>• <i>Virginia Department of Health – Dwight Flammia, Public Health Toxicologist</i> | |
| 3:45 p.m. | Public Comment Period | |
| | <i>Each speaker has a maximum time limit of 3 minutes. Accompanying written materials are encouraged.</i> | |
| 4:15 p.m. | <i>Open Session adjourns</i> | |

Programmatic Review Checklist for OSMRE Financial Assistance Programs

(For OSMRE Internal Use Only)

Version 5



Scope and Purpose of Review:

Program monitoring addresses the content and substance of the program. It is a qualitative review to determine performance, innovation, and contributions. It assesses whether award activities are consistent with the program narrative/work plan or proposed project activities identified in the application or agreement, and comply with statutory regulations and other policy guidelines. It also evaluates program outcomes and monitors administrative activities to ensure compliance with award terms & conditions and reporting requirements.

Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

1st Qrt Progress Review-Period Ending December 31st, 2017.

Findings - Initial Application:

	<u>Yes</u>	<u>No</u>	<u>N/A</u>
Objectives and Need for Assistance explains why the assistance is needed and states what the grant's primary and secondary objectives are.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Results and Benefits Expected describe how public health and safety will be protected and the environment or life of coalfield citizens will be improved during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings - Report Monitoring

Reported activities are in compliance with the approved plan and Federal regulations.
Performance report compares the planned activities to actual accomplishments.
Performance report provides explanation for any/all deviations from the approved plan.
Recipient has met / will meet the objectives of the approved plan within the established performance period.
Conducted AML Sub-account review. Funding usage is consistent with the program objectives of the grant.

Yes	No	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
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Watershed Cooperative Agreements Only

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Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations**Yes** **No**Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary).☒ ☐

During the first-quarter of this eight-quarter cooperative agreement, NAS has successfully kept the project on track according to the cooperative agreement terms. NAS has assigned Deb Glickson to manage the project, and she is doing a great job transitioning into this role. The primary work effort for this period was starting to establish the NAS Committee for the project. Everything appears to be running as planned for this period.

Prepared by: Joshua S. Rockwell

Date: 7/13/17

Reviewed by: Michael F. Kuhns

Date: 7/13/17

Approved by: Yetunde Richardson

Date: 7/13/17

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

July 26, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

Please find below a quarterly progress report for the National Academies of Sciences, Engineering, and Medicine (NASEM) project referenced above. It covers the period April 1 – June 30, 2017.

Activities undertaken in this quarter:

The second committee meeting was May 22-24, 2017, at the Chief Logan Lodge in Logan, WV. There was a site visit on May 22, an open session on May 23, and a town hall public forum on the evening of May 23. Invitees for this meeting included state agencies from Virginia and West Virginia, local environmental groups, and the coal industry. May 24 was a closed session for committee and staff only. The agenda is included as Attachment 1.

We continue to use the opt-in mailing list to provide study updates to a wide variety of stakeholders and interested parties.

Activities anticipated in the next quarter:

Meeting 3 is July 11-13, 2017, at the Keck Center of the National Academies in Washington, DC. This meeting will focus on recent studies of potential human health effects from surface coal mining operations. There will be two open sessions on July 11 and 12 with panelists and speakers on this topic. July 13 will be a closed session for committee and staff only.

Meeting 4 is scheduled for Aug 21-23, 2017 in Kentucky (Hazard and Lexington). There will be a site visit on Monday, August 21, followed by a town hall that evening. The open session will be on the afternoon of Tuesday, August 22, and will include invited representatives from Kentucky and Tennessee state agencies and other experts. Wednesday, August 23 will be a closed session.

*Progress Report for Cooperative Agreement S16AC20034
April 1 – June 30, 2017*

Meeting 5 dates are Oct 24-26, and will be entirely closed session. The committee is likely to use an Academies facility in Woods Hole, MA.

The committee also expects to have 1-2 webinars with outside experts. These will be publicly available to call in to and listen to. The first is scheduled with Dr. Jonathan Borak on August 15 at 3pm EDT. More information will be provided before the webinar.

Difficulties Encountered:

We anticipate that a sixth meeting might be needed for deliberation and consensus building, because Meetings 2-4 had or will have significant amounts of time allocated to town halls, site visits, and open sessions. This limited the amount of time the committee was/will be able to spend in closed session. While we hope Meeting 5 will make up for the lack of closed session time, the committee would like a contingency plan in case another meeting.

This would not result in an increase in the cost of the study. Instead, staff would reallocate funds from staff time to accommodate any additional travel needed. It may lead to a one-month delay in the timeframe.

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

Committee Meeting 2
Tuesday, May 23, 2017
Conference Center

Chief Logan Lodge, Hotel and Conference Center
1000 Conference Center Drive
Logan, WV 25601
(304) 792-7125

OPEN SESSION AGENDA

For more information or to register to attend, email rchappetta@nas.edu or call 202-334-2766.

- | | | |
|------------|---|-------------------------------------|
| 12:45 p.m. | Welcome and Introductions | <i>Paul Locke, Committee Chair</i> |
| 1:00 p.m. | Discussion with State Agencies <ul style="list-style-type: none">• Barbara Taylor, Deputy Commissioner of Health Protection, WV Bureau for Public Health• Lewis Halstead, Deputy Director, WV Department of Environmental Protection• Joey O'Quinn, Division of Mined Land Reclamation, VA Department of Mines, Minerals, and Energy | |
| 2:30 p.m. | Recap of Site Visit | <i>Paul Locke, Committee Chair</i> |
| 2:40 p.m. | Discussion with West Virginia Coal Association | <i>Jason Bostic, Vice President</i> |
| 3:00 p.m. | Environmental Group Panel <ul style="list-style-type: none">• Natalie Thompson, Ohio Valley Environmental Coalition• Vernon Haltom, Coal River Mountain Watch• Cindy Rank, West Virginia Highlands Conservancy | |
| 4:00 p.m. | <i>Open Session adjourns – 15 minute break</i> | |
-

6:30 p.m. Town Hall Forum

As part of a study examining the potential relationship between health risks and living near surface coal mining or reclamation sites, the National Academies will hold a town hall to gain insights and information from people living in the surrounding communities. The National Academies study committee invites community members to attend and share their perspectives on this topic. The focus of the study is people living near coal-mining areas rather than on occupational health of coal mine workers.

More information on the study can be found here: <http://www8.nationalacademies.org/cp/projectview.aspx?key=49846>

9:00 p.m. *Town Hall Forum Adjourns*

Programmatic Review Checklist for OSMRE Financial Assistance Programs

(For OSMRE Internal Use Only)

Version 5



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Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

1st Qrt Progress Review-Period Ending December 31st, 2017.

Findings - Initial Application:

	<u>Yes</u>	<u>No</u>	<u>N/A</u>
Objectives and Need for Assistance explains why the assistance is needed and states what the grant's primary and secondary objectives are.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
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Watershed Cooperative Agreements Only

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Date: 7/13/17

Reviewed by: Michael F. Kuhns

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Program Specialist:

Joshua S. Rockwell

Office:

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Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

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Date: 7/13/17

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The National Academies of
SCIENCES • ENGINEERING • MEDICINE

April 24, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
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Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

Please find below a quarterly progress report for the National Academies of Sciences, Engineering, and Medicine (NASEM) project referenced above. It covers the period January 1 – March 31, 2017.

Activities undertaken in this quarter:

Project staff received internal approval for the provisional committee and posted it onto the National Academies Current Project Systems website for a 20-day comment period. No comments were received.

An opt-in mailing list was created to provide updates to the study, including future meetings and opportunities to provide input. This was sent to a list of contacts in government, industry, environmental, and public health fields.

The project director submitted a preliminary schedule of planned committee meetings, which has since been slightly modified. These are:

- March 7-8 Washington, DC
- May 22-24 West Virginia
- July 11-12 Washington, DC (*was originally June 20-22 in Kentucky*)
- August 21-23 Kentucky
- Meeting 5 Date and location to be determined

The first committee meeting was held on March 7-8, 2017, in Washington DC. The meeting was held at the Keck Center (500 5th St NW) and included an open session with presentations from OSMRE, USGS, and VA DEQ. The agenda for this meeting is included as Attachment 1.

The committee also held several teleconferences during this period to advance their study progress.

Activities anticipated in the next quarter:

The second committee meeting is scheduled for May 22-24, 2017, at the Chief Logan Lodge (1000 Conference Center Dr, Logan, WV, 25601). The open session will be held on the afternoon of May 23, and there will be a town hall public forum the evening of May 23. Invitees for this meeting include state agencies from Virginia and West Virginia, coal industry representatives, and local environmental groups.

Planning for the third and fourth meetings will also happen in this quarter. The committee is also planning for its third meeting, which will be held on July 11-12 in Washington, DC. The venue was moved from Kentucky to DC because people representing health studies with opposing claims will be invited, and NASEM staff felt a neutral venue would be important to ensure a substantive discussion. The fourth meeting will be held in Kentucky, and will include invited representatives from Kentucky and Tennessee state agencies.

Difficulties Encountered:

None at this time.

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

Committee Meeting 1
March 7, 2017

Keck Center
500 5th St NW
Washington, DC 20001

OPEN SESSION AGENDA

Tuesday, March 7 – Room 100

Registration opens at 1:30 p.m.

- | | | |
|-----------|--|---|
| 1:45 p.m. | Welcome and Introductions | <i>Paul Locke, Committee Chair</i> |
| 2:00 p.m. | Study Origin and Objectives | <i>Office of Surface Mining Reclamation
And Enforcement (OSMRE)</i> |
| 2:30 p.m. | Discussion with Federal and State Agencies <ul style="list-style-type: none">• <i>U.S. Geological Survey – Bill Orem, Project Chief, Environmental Health Effects of Energy Resources</i>• <i>Virginia Department of Health – Dwight Flammia, Public Health Toxicologist</i> | |
| 3:45 p.m. | Public Comment Period
<i>Each speaker has a maximum time limit of 3 minutes. Accompanying written materials are encouraged.</i> | |
| 4:15 p.m. | <i>Open Session adjourns</i> | |

Programmatic Review Checklist for OSMRE Financial Assistance Programs

(For OSMRE Internal Use Only)

Version 5



Scope and Purpose of Review:

Program monitoring addresses the content and substance of the program. It is a qualitative review to determine performance, innovation, and contributions. It assesses whether award activities are consistent with the program narrative/work plan or proposed project activities identified in the application or agreement, and comply with statutory regulations and other policy guidelines. It also evaluates program outcomes and monitors administrative activities to ensure compliance with award terms & conditions and reporting requirements.

Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

1st Qrt Progress Review-Period Ending December 31st, 2017.

Findings - Initial Application:

	<u>Yes</u>	<u>No</u>	<u>N/A</u>
Objectives and Need for Assistance explains why the assistance is needed and states what the grant's primary and secondary objectives are.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Results and Benefits Expected describe how public health and safety will be protected and the environment or life of coalfield citizens will be improved during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Approach outlines the plan of action for the proposed scope of work as well as criteria and methodology to be used to evaluate results during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of Personnel and type of positions identified will adequately support the proposed program work to be accomplished during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The number of trips and purpose of travel are necessary for successful performance of proposed work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment identified is required for successful performance of proposed program work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Conducted AML subaccount review. Funding requested is consistent with the program objectives of the grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Other cost items identified are necessary expenses that must be incurred to meet program objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings - Report Monitoring

Reported activities are in compliance with the approved plan and Federal regulations.
Performance report compares the planned activities to actual accomplishments.
Performance report provides explanation for any/all deviations from the approved plan.
Recipient has met / will meet the objectives of the approved plan within the established performance period.
Conducted AML Sub-account review. Funding usage is consistent with the program objectives of the grant.

Yes No N/A

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
Established goals were met or an acceptable explanation was provided for why they were not met.
Quantitative data was provided on the output of the completed project(s) or program activity.
Conducted AML Sub-account review. Funding usage was consistent with the program objectives of the grant.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Watershed Cooperative Agreements Only

As built plan was included in the Closeout Project Performance Narrative.
Project partner(s) participation went according to plan.
Description, quantity, and calculated value of in-kind services or materials was included.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations**Yes** **No**Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary).

During the first-quarter of this eight-quarter cooperative agreement, NAS has successfully kept the project on track according to the cooperative agreement terms. NAS has assigned Deb Glickson to manage the project, and she is doing a great job transitioning into this role. The primary work effort for this period was starting to establish the NAS Committee for the project. Everything appears to be running as planned for this period.

Prepared by: Joshua S. Rockwell

Date: 7/13/17

Reviewed by: Michael F. Kuhns

Date: 7/13/17

Approved by: Yetunde Richardson

Date: 7/13/17

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

April 24, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

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Difficulties Encountered:

None at this time.

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

Committee Meeting 1
March 7, 2017

Keck Center
500 5th St NW
Washington, DC 20001

OPEN SESSION AGENDA

Tuesday, March 7 – Room 100

Registration opens at 1:30 p.m.

- | | | |
|-----------|--|---|
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Programmatic Review Checklist for OSMRE Financial Assistance Programs

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Version 5



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Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

1st Qrt Progress Review-Period Ending December 31st, 2017.

Findings - Initial Application:

	<u>Yes</u>	<u>No</u>	<u>N/A</u>
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Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
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Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Findings - Report Monitoring

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<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
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Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Watershed Cooperative Agreements Only

As built plan was included in the Closeout Project Performance Narrative.
Project partner(s) participation went according to plan.
Description, quantity, and calculated value of in-kind services or materials was included.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations**Yes** **No**Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary).☒ ☐

During the first-quarter of this eight-quarter cooperative agreement, NAS has successfully kept the project on track according to the cooperative agreement terms. NAS has assigned Deb Glickson to manage the project, and she is doing a great job transitioning into this role. The primary work effort for this period was starting to establish the NAS Committee for the project. Everything appears to be running as planned for this period.

Prepared by: Joshua S. Rockwell

Date: 7/13/17

Reviewed by: Michael F. Kuhns

Date: 7/13/17

Approved by: Yetunde Richardson

Date: 7/13/17

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

July 26, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

Please find below a quarterly progress report for the National Academies of Sciences, Engineering, and Medicine (NASEM) project referenced above. It covers the period April 1 – June 30, 2017.

Activities undertaken in this quarter:

The second committee meeting was May 22-24, 2017, at the Chief Logan Lodge in Logan, WV. There was a site visit on May 22, an open session on May 23, and a town hall public forum on the evening of May 23. Invitees for this meeting included state agencies from Virginia and West Virginia, local environmental groups, and the coal industry. May 24 was a closed session for committee and staff only. The agenda is included as Attachment 1.

We continue to use the opt-in mailing list to provide study updates to a wide variety of stakeholders and interested parties.

Activities anticipated in the next quarter:

Meeting 3 is July 11-13, 2017, at the Keck Center of the National Academies in Washington, DC. This meeting will focus on recent studies of potential human health effects from surface coal mining operations. There will be two open sessions on July 11 and 12 with panelists and speakers on this topic. July 13 will be a closed session for committee and staff only.

Meeting 4 is scheduled for Aug 21-23, 2017 in Kentucky (Hazard and Lexington). There will be a site visit on Monday, August 21, followed by a town hall that evening. The open session will be on the afternoon of Tuesday, August 22, and will include invited representatives from Kentucky and Tennessee state agencies and other experts. Wednesday, August 23 will be a closed session.

*Progress Report for Cooperative Agreement S16AC20034
April 1 – June 30, 2017*

Meeting 5 dates are Oct 24-26, and will be entirely closed session. The committee is likely to use an Academies facility in Woods Hole, MA.

The committee also expects to have 1-2 webinars with outside experts. These will be publicly available to call in to and listen to. The first is scheduled with Dr. Jonathan Borak on August 15 at 3pm EDT. More information will be provided before the webinar.

Difficulties Encountered:

We anticipate that a sixth meeting might be needed for deliberation and consensus building, because Meetings 2-4 had or will have significant amounts of time allocated to town halls, site visits, and open sessions. This limited the amount of time the committee was/will be able to spend in closed session. While we hope Meeting 5 will make up for the lack of closed session time, the committee would like a contingency plan in case another meeting.

This would not result in an increase in the cost of the study. Instead, staff would reallocate funds from staff time to accommodate any additional travel needed. It may lead to a one-month delay in the timeframe.

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

Committee Meeting 2
Tuesday, May 23, 2017
Conference Center

Chief Logan Lodge, Hotel and Conference Center
1000 Conference Center Drive
Logan, WV 25601
(304) 792-7125

OPEN SESSION AGENDA

For more information or to register to attend, email rchappetta@nas.edu or call 202-334-2766.

- | | | |
|------------|---|-------------------------------------|
| 12:45 p.m. | Welcome and Introductions | <i>Paul Locke, Committee Chair</i> |
| 1:00 p.m. | Discussion with State Agencies <ul style="list-style-type: none">• Barbara Taylor, Deputy Commissioner of Health Protection, WV Bureau for Public Health• Lewis Halstead, Deputy Director, WV Department of Environmental Protection• Joey O'Quinn, Division of Mined Land Reclamation, VA Department of Mines, Minerals, and Energy | |
| 2:30 p.m. | Recap of Site Visit | <i>Paul Locke, Committee Chair</i> |
| 2:40 p.m. | Discussion with West Virginia Coal Association | <i>Jason Bostic, Vice President</i> |
| 3:00 p.m. | Environmental Group Panel <ul style="list-style-type: none">• Natalie Thompson, Ohio Valley Environmental Coalition• Vernon Haltom, Coal River Mountain Watch• Cindy Rank, West Virginia Highlands Conservancy | |
| 4:00 p.m. | <i>Open Session adjourns – 15 minute break</i> | |
-

6:30 p.m. Town Hall Forum

As part of a study examining the potential relationship between health risks and living near surface coal mining or reclamation sites, the National Academies will hold a town hall to gain insights and information from people living in the surrounding communities. The National Academies study committee invites community members to attend and share their perspectives on this topic. The focus of the study is people living near coal-mining areas rather than on occupational health of coal mine workers.

More information on the study can be found here: <http://www8.nationalacademies.org/cp/projectview.aspx?key=49846>

9:00 p.m. *Town Hall Forum Adjourns*

Programmatic Review Checklist for OSMRE Financial Assistance Programs

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Version 5



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Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

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Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

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Findings – Amendments:

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Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Yes No N/A

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Determinations / Recommendations**Yes** **No**Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary).☒ ☐

During the first-quarter of this eight-quarter cooperative agreement, NAS has successfully kept the project on track according to the cooperative agreement terms. NAS has assigned Deb Glickson to manage the project, and she is doing a great job transitioning into this role. The primary work effort for this period was starting to establish the NAS Committee for the project. Everything appears to be running as planned for this period.

Prepared by: Joshua S. Rockwell

Date: 7/13/17

Reviewed by: Michael F. Kuhns

Date: 7/13/17

Approved by: Yetunde Richardson

Date: 7/13/17

FEDERAL FINANCIAL REPORT
(Follow form instructions)

1. Federal Agency and Organizational Element to Which Report is Submitted OSM			2. Federal Grant or Other Identifying Number Assigned by Federal Agency (To report multiple grants, use FFR Attachment) S16AC20034				Page 1 of 1 pages		
3. Recipient Organization (Name and complete address including Zip code) National Academies of Sciences, 500 5th Street, NW, Washington, DC 20001									
4a. DUNS Number 41964057		4b. EIN 530196932		5. Recipient Account Number or Identifying Number (To report multiple grants, use FFR Attachment) (b) (4)		6. Report Type <input checked="" type="checkbox"/> Quarterly <input type="checkbox"/> Semi-Annual <input type="checkbox"/> Annual <input type="checkbox"/> Final		7. Basis of Accounting <input checked="" type="checkbox"/> Cash <input type="checkbox"/> Accrual	
8. Project/Grant Period (Month, Day, Year) From: 8/1/2016 To: 7/31/2018				9. Reporting Period End Date (Month, Day, Year) 9/30/2016					
10. Transactions						Cumulative			
(Use lines a-c for single or multiple grant reporting)									
Federal Cash (To report multiple grants, also use FFR Attachment):									
a. Cash Receipts						\$		706.38	
b. Cash Disbursements						\$		2,903.40	
c. Cash on Hand (line a minus b)						\$		(2,197.02)	
(Use lines d-o for single grant reporting)									
Federal Expenditures and Unobligated Balance:									
d. Total Federal funds authorized						\$		1,003,553.00	
e. Federal share of expenditures						\$		2,903.40	
f. Federal share of unliquidated obligations						\$		-	
g. Total Federal share (sum of lines e and f)						\$		2,903.40	
h. Unobligated balance of Federal funds (line d minus g)						\$		1,000,649.60	
Recipient Share:									
i. Total recipient share required									
j. Recipient share of expenditures									
k. Remaining recipient share to be provided (line i minus j)									
Program Income:									
l. Total Federal program income earned									
m. Program income expended in accordance with the deduction alternative									
n. Program income expended in accordance with the addition alternative									
o. Unexpended program income (line l minus line m or line n)									
11.		a. Type	b. Rate	c. Period From	Period To	d. Base	e. Amount Charged		f. Federal Share
Indirect Expense		Fixed	G&A 23.2826%	7/1/2016	9/30/2016	2,355.06	548.32		548.32
		Fixed	FT 3.2257%	7/1/2016	9/30/2016	0.00	0.00		0.00
		Fixed	OH-Onsite 62.1189%	7/1/2016	9/30/2016	1,405.31	872.96		872.96
		Fixed	OH-Offsite 30.65%	7/1/2016	9/30/2016	0.00	0.00		0.00
					g. Totals:	3,760.37	1,421.28		1,421.28
12. Remarks: Attach any explanations deemed necessary or information required by Federal sponsoring agency in compliance with governing legislation:									
13. Certification: By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and intent set forth in the award documents. I am aware that any false, fictitious, or fraudulent information may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)									
a. Typed or Printed Name and Title of Authorized Certifying Official Levon Woodson, Sr. Accounting Manager						c. Telephone (Area code, number, and extension) 202-334-2176			
						d. Email Address lwoodson@nas.edu			
b. Signature of Authorized Certifying Official						e. Date Report Submitted (Month, Day, Year) 10/19/2016			
						14. Agency use only:			

Standard Form 425 - Revised 6/28/2010
OMB Approval Number: 0348-0061
Expiration Date: 10/31/2011

Paperwork Burden Statement

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is 0348-0061. Public reporting burden for this collection of information is estimated to average 1.5 hours 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 (0348-0061), Washington, DC 20503.

FEDERAL FINANCIAL REPORT

(Follow form instructions)

1. Federal Agency and Organizational Element to Which Report is Submitted <div style="text-align: center;">OSM</div>	2. Federal Grant or Other Identifying Number Assigned by Federal Agency (To report multiple grants, use FFR Attachment) <div style="text-align: center;">S16AC20034-0001-X461</div>	Page 1 of 1 <div style="text-align: right;">pages</div>
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3. Recipient Organization (Name and complete address including Zip code) National Academies of Sciences, 500 5th Street, NW, Washington, DC 20001		<input checked="" type="checkbox"/> Quarterly <input type="checkbox"/> Semi-Annual	<input checked="" type="checkbox"/> Cash <input type="checkbox"/> Accrual
--	--	---	--

4a. DUNS Number 41964057	4b. EIN 530196932	5. Recipient Account Number or Identifying Number (To report multiple grants, use FFR Attachment) <div style="text-align: center;">(b) (4)</div>	6. Report Type	7. Basis of Accounting
--	---------------------------------	--	----------------	------------------------

8. Project/Grant Period (Month, Day, Year) From: 8/1/2016 To: 7/31/2018	9. Reporting Period End Date (Month, Day, Year) 12/31/2016
--	--

10. Transactions <i>(Use lines a-c for single or multiple grant reporting)</i>	Cumulative
---	------------

Federal Cash (To report multiple grants, also use FFR Attachment):	
a. Cash Receipts	\$ 27,906.19
b. Cash Disbursements	\$ 50,110.27
c. Cash on Hand (line a minus b)	\$ (22,204.08)

Federal Expenditures and Unobligated Balance:	
d. Total Federal funds authorized	\$ 1,003,553.00
e. Federal share of expenditures	\$ 50,110.27
f. Federal share of unliquidated obligations	\$
g. Total Federal share (sum of lines e and f)	\$ 50,110.27
h. Unobligated balance of Federal funds (line d minus g)	\$ 953,442.73

Recipient Share:	
i. Total recipient share required	
j. Recipient share of expenditures	
k. Remaining recipient share to be provided (line i minus j)	

Program Income:	
l. Total Federal program income earned	
m. Program income expended in accordance with the deduction alternative	
n. Program income expended in accordance with the addition alternative	
o. Unexpended program income (line l minus line m or line n)	

11.	a. Type	b. Rate	c. Period From	Period To	d. Base	e. Amount Charged	f. Federal Share
Indirect Expense	Fixed	G&A 23.2826%	10/1/2016	12/31/2016	15,741.48	3,665.03	3,665.03
	Fixed	FT 3.2257%	10/1/2016	12/31/2016	0.00	0.00	0.00
	Fixed	OH-Onsite 62.1189%	10/1/2016	12/31/2016	22,468.78	13,957.36	13,957.36
	Fixed	OH-Offsite 30.65%	10/1/2016	12/31/2016	0.00	0.00	0.00
					g. Totals:	38,210.26	17,622.38

12. Remarks: Attach any explanations deemed necessary or information required by Federal sponsoring agency in compliance with governing legislation:
--

13. Certification: By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and intent set forth in the award documents. I am aware that any false, fictitious, or fraudulent information may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)

a. Typed or Printed Name and Title of Authorized Certifying Official Levon Woodson, Sr. Accounting Manager	c. Telephone (Area code, number, and extension) 202-334-2176 d. Email Address lwoodson@nas.edu
b. Signature of Authorized Certifying Official	e. Date Report Submitted (Month, Day, Year) 2/24/2017 14. Agency use only:

Standard Form 425 - Revised 6/28/2010
 OMB Approval Number: 0348-0061
 Expiration Date: 10/31/2011

Paperwork Burden Statement

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FEDERAL FINANCIAL REPORT

(Follow form instructions)

1. Federal Agency and Organizational Element to Which Report is Submitted <div style="text-align: center;">OSM</div>	2. Federal Grant or Other Identifying Number Assigned by Federal Agency (To report multiple grants, use FFR Attachment) <div style="text-align: center;">S16AC20034-0001-X461</div>	Page 1 of 1 <div style="text-align: right;">pages</div>
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3. Recipient Organization (Name and complete address including Zip code) National Academies of Sciences, 500 5th Street, NW, Washington, DC 20001		<input checked="" type="checkbox"/> Quarterly <input checked="" type="checkbox"/> Cash <input type="checkbox"/> Semi-Annual <input type="checkbox"/> Accrual
--	--	---

4a. DUNS Number 41964057	4b. EIN 530196932	5. Recipient Account Number or Identifying Number (To report multiple grants, use FFR Attachment) <div style="text-align: center;">(b) (4)</div>	6. Report Type	7. Basis of Accounting
---------------------------------	--------------------------	---	----------------	------------------------

8. Project/Grant Period (Month, Day, Year) From: 8/1/2016 To: 7/31/2018	9. Reporting Period End Date (Month, Day, Year) 3/31/2017
---	--

10. Transactions	Cumulative
------------------	------------

(Use lines a-c for single or multiple grant reporting)

Federal Cash (To report multiple grants, also use FFR Attachment):

a. Cash Receipts	\$ 87,929.57
b. Cash Disbursements	\$ 137,535.15
c. Cash on Hand (line a minus b)	\$ (49,605.58)

(Use lines d-o for single grant reporting)

Federal Expenditures and Unobligated Balance:

d. Total Federal funds authorized	\$ 1,003,533.00
e. Federal share of expenditures	\$ 137,535.15
f. Federal share of unliquidated obligations	\$ -
g. Total Federal share (sum of lines e and f)	\$ 137,535.15
h. Unobligated balance of Federal funds (line d minus g)	\$ 865,997.85

Recipient Share:

i. Total recipient share required	
j. Recipient share of expenditures	
k. Remaining recipient share to be provided (line i minus j)	

Program Income:

l. Total Federal program income earned	
m. Program income expended in accordance with the deduction alternative	
n. Program income expended in accordance with the addition alternative	
o. Unexpended program income (line l minus line m or line n)	

11.	a. Type	b. Rate	c. Period From	Period To	d. Base	e. Amount Charged	f. Federal Share
Indirect Expense	Fixed	G&A 23.2826%	1/1/2017	3/31/2017	71,683.40	15,741.46	15,741.46
	Fixed	FT 3.2257%	1/1/2017	3/31/2017	0.00	0.00	0.00
	Fixed	OH-Onsite 62.1189%	1/1/2017	3/31/2017	40,118.18	25,074.95	25,074.95
	Fixed	OH-Offsite 30.65%	1/1/2017	3/31/2017	0.00	0.00	0.00
g. Totals:					111,801.58	40,816.41	40,816.41

12. Remarks: Attach any explanations deemed necessary or information required by Federal sponsoring agency in compliance with governing legislation: Per Carla Garcia this report is marked awaiting the final payment. Once in receipt of final payment we will revise the SF425 and resubmit.

13. Certification: By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and intent set forth in the award documents. I am aware that any false, fictitious, or fraudulent information may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)

a. Typed or Printed Name and Title of Authorized Certifying Official Levon Woodson, Sr. Accounting Manager	c. Telephone (Area code, number, and extension) 202-334-2176 d. Email Address lwoodson@nas.edu
b. Signature of Authorized Certifying Official	e. Date Report Submitted (Month, Day, Year) 7/13/2017 14. Agency use only:

Standard Form 425 - Revised 6/28/2010
 OMB Approval Number: 0348-0061
 Expiration Date: 10/31/2011

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FEDERAL FINANCIAL REPORT

(Follow form instructions)

1. Federal Agency and Organizational Element to Which Report is Submitted <div style="text-align: center;">OSM</div>		2. Federal Grant or Other Identifying Number Assigned by Federal Agency (To report multiple grants, use FFR Attachment) <div style="text-align: center;">S16AC20034-0001-X461</div>			Page 1 of 1 pages		
3. Recipient Organization (Name and complete address including Zip code) National Academies of Sciences, 500 5th Street, NW, Washington, DC 20001							
4a. DUNS Number 41964057	4b. EIN 530196932	5. Recipient Account Number or Identifying Number (To report multiple grants, use FFR Attachment) <div style="text-align: center;">(b) (4)</div>		6. Report Type <input checked="" type="checkbox"/> Quarterly <input type="checkbox"/> Semi-Annual <input type="checkbox"/> Annual <input type="checkbox"/> Final	7. Basis of Accounting <input checked="" type="checkbox"/> Cash <input type="checkbox"/> Accrual		
8. Project/Grant Period (Month, Day, Year) From: 8/1/2016 To: 7/31/2018				9. Reporting Period End Date (Month, Day, Year) 6/30/2017			
10. Transactions (Use lines a-c for single or multiple grant reporting)				Cumulative			
Federal Cash (To report multiple grants, also use FFR Attachment):							
a. Cash Receipts				\$	251,284.12		
b. Cash Disbursements				\$	265,526.25		
c. Cash on Hand (line a minus b)				\$	(14,242.13)		
(Use lines d-o for single grant reporting)							
Federal Expenditures and Unobligated Balance:							
d. Total Federal funds authorized				\$	1,003,533.00		
e. Federal share of expenditures				\$	265,526.25		
f. Federal share of unliquidated obligations				\$	-		
g. Total Federal share (sum of lines e and f)				\$	265,526.25		
h. Unobligated balance of Federal funds (line d minus g)				\$	738,006.75		
Recipient Share:							
i. Total recipient share required							
j. Recipient share of expenditures							
k. Remaining recipient share to be provided (line i minus j)							
Program Income:							
l. Total Federal program income earned							
m. Program income expended in accordance with the deduction alternative							
n. Program income expended in accordance with the addition alternative							
o. Unexpended program income (line l minus line m or line n)							
11.	a. Type	b. Rate	c. Period From	Period To	d. Base	e. Amount Charged	f. Federal Share
Indirect Expense	Fixed	G&A 23.2826%	4/1/2017	6/30/2017	104,945.50	23,045.72	23,045.72
	Fixed	FT 3.2257%	4/1/2017	6/30/2017	0.00	0.00	0.00
	Fixed	OH-Onsite 62.1189%	4/1/2017	6/30/2017	47,559.35	29,725.88	29,725.88
	Fixed	OH-Offsite 30.65%	4/1/2017	6/30/2017	0.00	0.00	0.00
					g. Totals:	152,504.85	52,771.59
12. Remarks: Attach any explanations deemed necessary or information required by Federal sponsoring agency in compliance with governing legislation:							
13. Certification: By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and intent set forth in the award documents. I am aware that any false, fictitious, or fraudulent information may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)							
a. Typed or Printed Name and Title of Authorized Certifying Official Levon Woodson, Sr. Accounting Manager					c. Telephone (Area code, number, and extension) 202-334-2176 d. Email Address lwoodson@nas.edu		
b. Signature of Authorized Certifying Official					e. Date Report Submitted (Month, Day, Year) 7/13/2017 14. Agency use only:		

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GRANT OR COOPERATIVE AGREEMENT MONITORING STATEMENT

Recipient Name National Academy of Sciences

Grant Number S16AC20034

Reporting Period 4/1/17 - 6/30/17

Report(s) Due Date 7/31/17

Date Received 7/14/17

Explanation if late: On

I. Monitoring Actions Performed

Reviewed SF425

Validated financial information against ASAP/EMIS.

II. Findings

The SF425 matches the information in ASAP/EMIS

III. Recommended Actions

NONE

Prepared by: Yetunde Richardson, Grants Specialist

Date Jul 14, 2017

GRANT OR COOPERATIVE AGREEMENT MONITORING STATEMENT

Recipient Name National Academy of Sciences

Grant Number S16AC20034

Reporting Period 01/1/17-3/31/17

Report(s) Due Date Apr 30, 2017

Date Received Jul 13, 2017

Explanation if late: Original documentation misplaced. Requested duplicate report, received on 7/13/17

I. Monitoring Actions Performed

Reviewed SF425

Validated financial information against ASAP/EMIS.

II. Findings

The SF425 matches the information in ASAP/EMIS

III. Recommended Actions

NONE

Prepared by: Yetunde Richardson, Grants Specialist

Date Jul 14, 2017

GRANT OR COOPERATIVE AGREEMENT MONITORING STATEMENT

Recipient Name National Academy of Sciences

Grant Number S16AC20034

Reporting Period 10/1/16-12/31/16

Report(s) Due Date 11/31/17

Date Received 7/13/17

Explanation if late: Original documentation misplaced. Requested duplicate report, received on 7/13/17

I. Monitoring Actions Performed

Reviewed SF425

Validated financial information against ASAP/EMIS.

II. Findings

The SF425 matches the information in ASAP/EMIS

III. Recommended Actions

NONE

Prepared by: Yetunde Richardson, Grants Specialist

Date Jul 14, 2017

GRANT OR COOPERATIVE AGREEMENT MONITORING STATEMENT

Recipient Name National Academy of Sciences

Grant Number S16AC20034

Reporting Period 8/1/16-9/30/16

Report(s) Due Date

Date Received

Nov 10, 2016

Explanation if late:

I. Monitoring Actions Performed

Reviewed SF425

Validated financial information against ASAP/EMIS.

II. Findings

The SF425 matches the information in ASAP/EMIS

III. Recommended Actions

NONE

Prepared by: Yetunde Richardson, Grants Specialist

Date

Nov 10, 2016

GRANTS ACTION CHECKLIST

Type of Action: Initial Award

Recipient: National Academy of Sciences

Grant Number: 16A C20034

Amendment No. N/A

Grant Title: FA DC FY2016 AS NAS

Period of Performance: 08/01/2016 To 07/31/2018

Date Application Received: 07/06/2016

Date Application Accepted: 07/06/2016

Previous Funding: \$ 0.00

This Action: \$ 1,003,553.00

Total: \$ 1,003,553.00

File Section	Summary of Requested Action:		
	Initial Award	Yes	No N/A
1	Application for Federal Assistance SF-424	✓	
1	Budget Information OSM-47 /-49/ other format	✓	
1	Budget Narrative (Integrated into Proposal)	✓	
1	Program Narrative OSM 51 / other format	✓	
1	SF-LLL Disclosure of Lobbying Activities (If applicable)	✓	
1	Assurance for Non-Construction/Construction Projects (SF-424B/424D)	✓	
1	Indirect Cost Rate Agreement	✓	
1	IRS 501c3 Non-Profit Designation		✓
1	Federal Financial Report SF-425		✓
1	Narrative Performance Report OSM-51 / other format	✓	
1	Tangible Personal Property Report SF-428		✓
1	Acknowledgement of Receipt of Application	✓	
3	EO 12372 Federal Register Notice		✓
2	Funding Allocation/Allotment	✓	
2	Submit Congressional Notice of Planned Award - Weekly Report		
2	Programmatic Review completed by PSD on 07/06/2016	✓	
3	Financial Capabilities Review		✓
N/A	FBMS Purchase Requisition Number 20107378	✓	
3	Risk Assessment <input checked="" type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High	✓	
3	System for Award Management (https://www.sam.gov) Active Registration & No Exclusions	✓	
3	Federal Awardee Performance Integrity Information System (https://fapiis.gov)	✓	
3	Federal Audit Clearinghouse (https://harvester.census.gov)	✓	
5	Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS) (https://www.usaspending.gov)	✓	
2	Create PRISM Award / Amendment	✓	
5	Create / Revise PRISM Milestone Plan Report	✓	
2	NFR Checklist		

Pre-Award Discussions:

40253390

FINANCIAL REVIEW

This financial review was performed in accordance with FAM 7-210 (TS)

FINDINGS

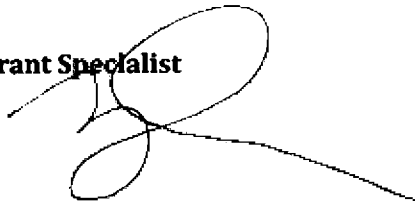
	Yes	No	N/A
Application is signed and dated by authorized official.	✓		
Budget calculations are mathematically correct.	✓		
Proposed budget will use allotted fund types appropriately.	✓		
Proposed costs are allowable.	✓		
Proposed cost items/amounts are necessary and reasonable.	✓		
Proposed non-Federal funds meet the state's required program share.			✓
Recipient has secured a 2.5:1 ratio of partner funding to OSMRE funding.			✓
Financial Report is consistent with ASAP and FBMS.			✓
Financial Report includes all contributions to the WCAP project.			✓

Additional Findings:

RECOMMENDATIONS

Reason application was not processed within _____ days allowed:

Grant Specialist



Peer Review

Management Review

PRISM Approval/Release Date:

Approved to Certify Date:

ASAP Verification Date:

Recipient Notification Date:

☐

Copy of award / amendment, ASAP verification, and recipient notice placed in File Segment 2.

FAC YR 5/24/16

NATIONAL ACADEMY OF SCIENCES

Schedule of Findings and Questioned Costs

Year ended December 31, 2014

Section I – Summary of Auditors' Reports

Financial Statements

The type of report issued on the financial statements: Unmodified opinion

Internal control over financial reporting:

- Material weaknesses identified? No
- Significant deficiencies identified that are not considered to be material weaknesses? None reported

Noncompliance material to the financial statements noted? No

Federal Awards

Internal control over major programs:

- Material weaknesses identified? No
- Significant deficiencies identified that are not considered to be material weaknesses? None reported

Type of auditors' report issued on compliance for major programs: Unmodified opinion

Any audit findings which are required to be reported under Section. 510(a) of OMB Circular A-133: Yes

- Identification of major programs: Research and Development Cluster

Dollar threshold used to distinguish between type A and type B programs: \$3,000,000

Auditee qualified as low risk auditee under Section. 530 of OMB Circular A-133 Yes

Section II – Findings Relating to the Financial Statements Reported in Accordance with *Government Auditing Standards*:

None.

NOTE: You must click [here](#) for very important D&B information. (/pages/db.aspx)

(/)

Search Data by Keyword Search Site

 Enter Keyword

An official website of the U.S. Government

[Advanced Data Search \(/Pages/AdvancedSearch.aspx\)](#)

[USAspending \(/Pages/default.aspx\)](#) > [Where is the Money Going \(/transparency/Pages/default.aspx\)](#) > Recipient Profile

« Go back

RECIPIENT PROFILE: NATIONAL ACADEMY OF SCIENCES

Address

2101 CONSTITUTION AVE NW
Washington, District of Columbia 20418

DUNS Number

041964057

Fiscal Year 2016 ▼

Go

[Prime Award Data](#)

[Prime Award As A Sub Data](#)

Total Funds Awarded - FY 2016

\$108,425,504

Total Number of Transactions - FY 2016

499

Total Funds Awarded as Prime - FY 2016

\$108,425,504

Total Transactions as Prime - FY 2016

499

Total Funds Awarded as Sub - FY 2016

\$0

Total Transactions as Sub - FY 2016

0

PRIME'S SUB-AWARDEES

Grants	
1. ICF INCORPORATED, L.L.C.	\$1,500,000
2. KITTELSON & ASSOCIATES, INC.	\$845,000
3. TEXAS A&M TRANSPORTATION INSTITUTE	\$795,000
4. PARSONS BRINCKERHOFF, INC.	\$724,795
5. IOWA STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY	\$599,986

[Text View and More Details on All Grants \(https://www.usaspending.gov/Pages/TextView.aspx?data=RecipientPrimeSubAwardeeByAwardType&AwardType=G&dunsnumber=041964057&fiscalyear=2016\)](https://www.usaspending.gov/Pages/TextView.aspx?data=RecipientPrimeSubAwardeeByAwardType&AwardType=G&dunsnumber=041964057&fiscalyear=2016)

TOP PRODUCTS OR SERVICES

1. Other Management Support Services	\$8,710,455
2. Other Administrative Support Services	\$8,563,425
3. Other Professional Services	\$6,564,064
4. Other Special Studies and Analyses	\$4,606,914
5. Operations Research and Quantitative Analysis Services	\$1,660,510

[Text View and More Details on Top Products/Services \(https://www.usaspending.gov/Pages/TextView.aspx?data=RecipientProductOrService&dunsnumber=041964057&fiscalyear=2016\)](https://www.usaspending.gov/Pages/TextView.aspx?data=RecipientProductOrService&dunsnumber=041964057&fiscalyear=2016)

AWARDING AGENCIES

1. Department of Transportation	\$52,577,414
2. Department of Defense	\$21,166,596
3. National Aeronautics and Space Administration	\$6,481,742
4. Department of Health and Human Services	\$6,075,708
5. U.S. Agency for International Development	\$4,769,161

[Text View and More Details on Awarding Agencies \(https://www.usaspending.gov/Pages/TextView.aspx?data=RecipientPrimeAwardingAgency&dunsnumber=041964057&fiscalyear=2016\)](https://www.usaspending.gov/Pages/TextView.aspx?data=RecipientPrimeAwardingAgency&dunsnumber=041964057&fiscalyear=2016)

SUB-AWARDS RECEIVED

No Data Found

2016 USAspending.gov

[openbeta.usaspending.gov \(/Pages/OpenBeta.aspx\)](https://openbeta.usaspending.gov/Pages/OpenBeta.aspx) | [Data Act \(/Pages/data-act.aspx\)](https://openbeta.usaspending.gov/Pages/data-act.aspx) | [Accessibility \(/Pages/Accessibility.aspx\)](https://openbeta.usaspending.gov/Pages/Accessibility.aspx)
| [Privacy Policy \(/Pages/Privacy-Policy.aspx\)](https://openbeta.usaspending.gov/Pages/Privacy-Policy.aspx) | [Opportunities \(/Pages/opportunities.aspx\)](https://openbeta.usaspending.gov/Pages/opportunities.aspx) | [Freedom of Information Act \(/Pages/FOIA.aspx\)](https://openbeta.usaspending.gov/Pages/FOIA.aspx)

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[Search DUNS 041964057](#)

[Back](#)**Search Results**

Entity: NATIONAL ACADEMY OF SCIENCES

DUNS: 041964057

[View Corporate Relationships](#)

CAGE: 1D969

FAPIIS Data	Records	Count
Administrative Agreement	No	0
Defective Pricing	No	0
DoD Determination of Contractor Fault	No	0
Non-Responsibility Determination	No	0
Recipient Not-Qualified Determination	No	0
Termination for Cause	No	0
Termination for Default	No	0
Termination for Material Failure to Comply	No	0

Proceedings Information as Entered by the Entity in SAM.gov

- Question: Does your business or organization (represented by the DUNS number on this specific Entity Management section of SAM record) have current active Federal contracts and/or grants with total value (including any exercised/unexercised options) greater than \$10,000,000?

***Contractor Response: **Yes**

- Question: Within the last five years, has your business or organization (represented by the DUNS number on this specific Entity Management section of SAM record) and/or any of its principals, in connection with the award to or performance by your business or organization of a Federal contract or grant, been the subject of a Federal or State (1) criminal proceeding resulting in a conviction or other acknowledgment of fault; (2) civil proceeding resulting in a finding of fault with a monetary fine, penalty, reimbursement, restitution, and/or damages greater than \$5,000, or other acknowledgment of fault; and/or (3) administrative proceeding resulting in a finding of fault with either a monetary fine or penalty greater than \$5,000 or reimbursement, restitution, or damages greater than \$100,000, or other acknowledgment of fault?

Contractor Response: **No*SAM Exclusion Data**

*** No matching Performance Information section of SAM records were found based on the search criteria information we have. You may want to ~~search the Performance Information section of SAM directly.~~

USER NAME PASSWORD

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[Create an Account](#)

Entity Dashboard

- Entity Overview
- Entity Registration
 - Core Data
 - Assertions
 - Reps & Certs
 - POCs
- Exclusions
 - Active Exclusions
 - Inactive Exclusions
 - Excluded Family Members

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NATIONAL ACADEMY OF SCIENCES
 1000 L STREET, NW
 WASHINGTON, DC 20004-4242
 202-334-2100

Entity ID: 00000000000000000000000000000000
 Registration Date: 01/28/2016

Entity Overview

Entity Registration Summary

Name: National Academy of Sciences
Business Type: Business or Organization
Last Updated By: DAVID WESTBROOK
Registration Status: Active
Activation Date: 01/28/2016
Expiration Date: 01/27/2017

Exclusion Summary

Active Exclusion Records? No

SAM | System for Award Management 1.0

IBM v1.P.48.20160624-1124

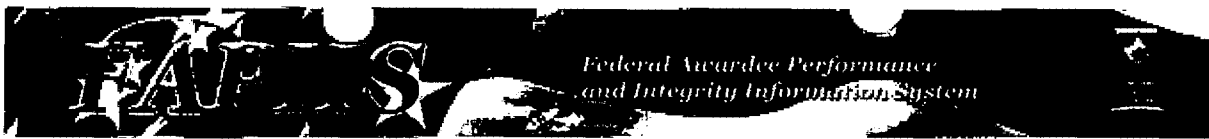
WWW4

Note to all Users: This is a Federal Government computer system. Use of this system constitutes consent to monitoring at all times.



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[Search DUNS 041964057](#)

[Back](#)**Search Results**

Entity: NATIONAL ACADEMY OF SCIENCES

DUNS: 041964057

[View Corporate Relationships](#)

CAGE: 1D969

FAPIIS Data	Records	Count
Administrative Agreement	No	0
Defective Pricing	No	0
DoD Determination of Contractor Fault	No	0
Non-Responsibility Determination	No	0
Recipient Not-Qualified Determination	No	0
Termination for Cause	No	0
Termination for Default	No	0
Termination for Material Failure to Comply	No	0

Proceedings Information as Entered by the Entity in SAM.gov

- Question: Does your business or organization (represented by the DUNS number on this specific Entity Management section of SAM record) have current active Federal contracts and/or grants with total value (including any exercised/unexercised options) greater than \$10,000,000?

***Contractor Response: **Yes**

- Question: Within the last five years, has your business or organization (represented by the DUNS number on this specific Entity Management section of SAM record) and/or any of its principals, in connection with the award to or performance by your business or organization of a Federal contract or grant, been the subject of a Federal or State (1) criminal proceeding resulting in a conviction or other acknowledgment of fault; (2) civil proceeding resulting in a finding of fault with a monetary fine, penalty, reimbursement, restitution, and/or damages greater than \$5,000, or other acknowledgment of fault; and/or (3) administrative proceeding resulting in a finding of fault with either a monetary fine or penalty greater than \$5,000 or reimbursement, restitution, or damages greater than \$100,000, or other acknowledgment of fault?

Contractor Response: **No*SAM Exclusion Data**

*** No matching Performance Information section of SAM records were found based on the search criteria information we have. You may want to [search the Performance Information section of SAM directly at](#)

5. Use the Office of Surface Mining Reclamation and Enforcement (OSMRE)-specific risk assessment checklist to conduct the assessment. See Attachment 1 for this checklist.
6. Develop a monitoring strategy based on the results of the assessment.
7. Implement the monitoring strategy and document your results.

Instructions: This checklist shall be completed prior to new award for a recipient for the purpose of establishing a monitoring strategy that will contribute to the overall bureau-specific monitoring plan. If the preparer has selected "N/A" for a risk category, a brief explanation shall be provided in the Comments Section of the form.

CFDA Number(s) 15.255 **CFDA Program Name(s)** Applied Science **Award Number(s)** S16AC20034

Total Funds Awarded \$ 1,003,553 **Recipient Name** National Academy of Science

Project Title(s) and Location Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia
Contract/Financial Assistance Specialist Yetunde Richardson **Technical Staff Person** Joshua Rockwell, Michael Kuhns

Scale for Risk Evaluation

Label	Description
Not Applicable or N/A	<p>Definition: A commonly used abbreviation used for entering nothing in a form or table field because no data are relevant to the situation.</p> <ul style="list-style-type: none"> A risk category does not apply to either the program requirements or recipient.
Low	<p>Definition: Low inherent risk exists where the volume, size, or nature of the activity is such that even if the internal controls have weaknesses, the risk of loss is remote, or if a loss would occur, it would have little negative impact on the recipient's overall financial condition, the program's compliance with federal financial assistance requirements, or program statutory requirements.</p> <ul style="list-style-type: none"> A recipient requests a site visit or desk audit review for the purpose of technical assistance. A recipient who has submitted timely Single Audit, financial and technical reports.

	<ul style="list-style-type: none"> • Single Audit finding such as adverse opinions that specifically impacts award implementation. • It has been more than one year since the recipient received a Single Audit. • Bureau staff, citizen or recipient employee has reported waste, fraud or abuse.
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<u>RISK CATEGORY</u>	<u>RISK DESCRIPTION</u>	<u>RATING LABEL: N/A, Low, Medium, or High</u>	<u>COMMENT</u>
1. Award(s) Priority	How important is the grant/cooperative agreement(s) awarded to the recipient within the context of the awarding office's goals and objective?		AML-HIGH; REG-MED; ALL OTHERS LOW
2. Award(s) Potential for Implementation Problems	What is the potential for implementation problems (with high being a highly complex award with the greatest potential for problems)?		AML & REG = MED; ALL OTHERS HIGH

	- More than 2 (High Risk) e. Findings for Non-Compliance for Federal Awards: - None (LOW) - 1 or more (HIGH)		
13. Bureau-Specific Risk Category		Low	
FINAL RISK CATEGORY AND MONITORING LEVEL (Low, Medium or High Risk): CIRCLE ONE <div style="text-align: center;">LOW</div>			

Basis for Monitoring Level Decision: The above Risk Category and Monitoring level is based on one or more of the following factors: our award history with the recipient, the recipient's performance history, annual evaluations of the recipients, and the level of risk factors rated.

NFR DOI-2010-800 Pre-Award Document Review Checklist				
Grant/Cooperative Agreement #:	S16ACC20034			
Recipient:	NAS			
Program:	Applied Science			
	Grant Specialist	Date	Reviewer	Date
Award was created from the applicable funding opportunity	YR	7/22/2016	JB	7/22/2016
Draft award document includes correct CFDA	YR	7/22/2016	JB	7/22/2016
Draft award document includes appropriate terms & conditions	YR	7/22/2016	JB	7/22/2016
This checklist MUST be filed in the official grant/cooperative agreement folder				

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

January 25, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

Please find below a quarterly progress report for the National Academies of Sciences, Engineering, and Medicine (NASEM) project referenced above. It covers the period October 1 - December 31, 2016.

Activities undertaken in this quarter:

NASEM staff vetted potential nominees for committee membership. There were over 240 names that were submitted for consideration in response to the call for nominations. In addition, staff gathered background information, discussed the study with the Mountaintop Removal interagency group, and contacted OSMRE to discuss study schedule committee processes.

The first committee meeting is scheduled for March 7-8, 2017, in Washington DC. The meeting will be held at the Keck Center (500 5th St NW).

Activities anticipated in the next quarter:

NASEM staff will receive internal approval for the provisional committee and post membership onto the National Academies Current Project Systems website for a 20-day comment period.

Staff will determine the availabilities of provisional committee members for additional committee meetings, gather and disseminate background material for the committee, and plan and execute the first meeting. Future meeting dates will be provided to OSMRE as soon as possible.

Difficulties Encountered:

None, although please note that the milestone to have the committee approved is slightly behind schedule. Committee membership is critical to the project's success, so staff did not want to sacrifice quality in an effort to meet a specific time milestone. Staff are working on other methods to tighten the study schedule, particularly once the committee is approved.

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

April 24, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

Please find below a quarterly progress report for the National Academies of Sciences, Engineering, and Medicine (NASEM) project referenced above. It covers the period January 1 – March 31, 2017.

Activities undertaken in this quarter:

Project staff received internal approval for the provisional committee and posted it onto the National Academies Current Project Systems website for a 20-day comment period. No comments were received.

An opt-in mailing list was created to provide updates to the study, including future meetings and opportunities to provide input. This was sent to a list of contacts in government, industry, environmental, and public health fields.

The project director submitted a preliminary schedule of planned committee meetings, which has since been slightly modified. These are:

- March 7-8 Washington, DC
- May 22-24 West Virginia
- July 11-12 Washington, DC (*was originally June 20-22 in Kentucky*)
- August 21-23 Kentucky
- Meeting 5 Date and location to be determined

The first committee meeting was held on March 7-8, 2017, in Washington DC. The meeting was held at the Keck Center (500 5th St NW) and included an open session with presentations from OSMRE, USGS, and VA DEQ. The agenda for this meeting is included as Attachment 1.

The committee also held several teleconferences during this period to advance their study progress.

Activities anticipated in the next quarter:

The second committee meeting is scheduled for May 22-24, 2017, at the Chief Logan Lodge (1000 Conference Center Dr, Logan, WV, 25601). The open session will be held on the afternoon of May 23, and there will be a town hall public forum the evening of May 23. Invitees for this meeting include state agencies from Virginia and West Virginia, coal industry representatives, and local environmental groups.

Planning for the third and fourth meetings will also happen in this quarter. The committee is also planning for its third meeting, which will be held on July 11-12 in Washington, DC. The venue was moved from Kentucky to DC because people representing health studies with opposing claims will be invited, and NASEM staff felt a neutral venue would be important to ensure a substantive discussion. The fourth meeting will be held in Kentucky, and will include invited representatives from Kentucky and Tennessee state agencies.

Difficulties Encountered:

None at this time.

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

Committee Meeting 1
March 7, 2017

Keck Center
500 5th St NW
Washington, DC 20001

OPEN SESSION AGENDA

Tuesday, March 7 – Room 100

Registration opens at 1:30 p.m.

- | | | |
|-----------|--|---|
| 1:45 p.m. | Welcome and Introductions | <i>Paul Locke, Committee Chair</i> |
| 2:00 p.m. | Study Origin and Objectives | <i>Office of Surface Mining Reclamation
And Enforcement (OSMRE)</i> |
| 2:30 p.m. | Discussion with Federal and State Agencies <ul style="list-style-type: none">• <i>U.S. Geological Survey – Bill Orem, Project Chief, Environmental Health Effects of Energy Resources</i>• <i>Virginia Department of Health – Dwight Flammia, Public Health Toxicologist</i> | |
| 3:45 p.m. | Public Comment Period
<i>Each speaker has a maximum time limit of 3 minutes. Accompanying written materials are encouraged.</i> | |
| 4:15 p.m. | <i>Open Session adjourns</i> | |

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

July 26, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

Please find below a quarterly progress report for the National Academies of Sciences, Engineering, and Medicine (NASEM) project referenced above. It covers the period April 1 – June 30, 2017.

Activities undertaken in this quarter:

The second committee meeting was May 22-24, 2017, at the Chief Logan Lodge in Logan, WV. There was a site visit on May 22, an open session on May 23, and a town hall public forum on the evening of May 23. Invitees for this meeting included state agencies from Virginia and West Virginia, local environmental groups, and the coal industry. May 24 was a closed session for committee and staff only. The agenda is included as Attachment 1.

We continue to use the opt-in mailing list to provide study updates to a wide variety of stakeholders and interested parties.

Activities anticipated in the next quarter:

Meeting 3 is July 11-13, 2017, at the Keck Center of the National Academies in Washington, DC. This meeting will focus on recent studies of potential human health effects from surface coal mining operations. There will be two open sessions on July 11 and 12 with panelists and speakers on this topic. July 13 will be a closed session for committee and staff only.

Meeting 4 is scheduled for Aug 21-23, 2017 in Kentucky (Hazard and Lexington). There will be a site visit on Monday, August 21, followed by a town hall that evening. The open session will be on the afternoon of Tuesday, August 22, and will include invited representatives from Kentucky and Tennessee state agencies and other experts. Wednesday, August 23 will be a closed session.

*Progress Report for Cooperative Agreement S16AC20034
April 1 – June 30, 2017*

Meeting 5 dates are Oct 24-26, and will be entirely closed session. The committee is likely to use an Academies facility in Woods Hole, MA.

The committee also expects to have 1-2 webinars with outside experts. These will be publicly available to call in to and listen to. The first is scheduled with Dr. Jonathan Borak on August 15 at 3pm EDT. More information will be provided before the webinar.

Difficulties Encountered:

We anticipate that a sixth meeting might be needed for deliberation and consensus building, because Meetings 2-4 had or will have significant amounts of time allocated to town halls, site visits, and open sessions. This limited the amount of time the committee was/will be able to spend in closed session. While we hope Meeting 5 will make up for the lack of closed session time, the committee would like a contingency plan in case another meeting.

This would not result in an increase in the cost of the study. Instead, staff would reallocate funds from staff time to accommodate any additional travel needed. It may lead to a one-month delay in the timeframe.

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

Committee Meeting 2
Tuesday, May 23, 2017
Conference Center

Chief Logan Lodge, Hotel and Conference Center
1000 Conference Center Drive
Logan, WV 25601
(304) 792-7125

OPEN SESSION AGENDA

For more information or to register to attend, email rchappetta@nas.edu or call 202-334-2766.

- 12:45 p.m. **Welcome and Introductions** *Paul Locke, Committee Chair*
- 1:00 p.m. **Discussion with State Agencies**
- Barbara Taylor, Deputy Commissioner of Health Protection, WV Bureau for Public Health
 - Lewis Halstead, Deputy Director, WV Department of Environmental Protection
 - Joey O'Quinn, Division of Mined Land Reclamation, VA Department of Mines, Minerals, and Energy
- 2:30 p.m. **Recap of Site Visit** *Paul Locke, Committee Chair*
- 2:40 p.m. **Discussion with West Virginia Coal Association** *Jason Bostic, Vice President*
- 3:00 p.m. **Environmental Group Panel**
- Natalie Thompson, Ohio Valley Environmental Coalition
 - Vernon Haltom, Coal River Mountain Watch
 - Cindy Rank, West Virginia Highlands Conservancy
- 4:00 p.m. *Open Session adjourns – 15 minute break*
-

6:30 p.m. Town Hall Forum

As part of a study examining the potential relationship between health risks and living near surface coal mining or reclamation sites, the National Academies will hold a town hall to gain insights and information from people living in the surrounding communities. The National Academies study committee invites community members to attend and share their perspectives on this topic. The focus of the study is people living near coal-mining areas rather than on occupational health of coal mine workers.

More information on the study can be found here: <http://www8.nationalacademies.org/cp/projectview.aspx?key=49846>

9:00 p.m. *Town Hall Forum Adjourns*

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

July 26, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

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*Progress Report for Cooperative Agreement S16AC20034
April 1 – June 30, 2017*

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This would not result in an increase in the cost of the study. Instead, staff would reallocate funds from staff time to accommodate any additional travel needed. It may lead to a one-month delay in the timeframe.

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

Committee Meeting 2
Tuesday, May 23, 2017
Conference Center

Chief Logan Lodge, Hotel and Conference Center
1000 Conference Center Drive
Logan, WV 25601
(304) 792-7125

OPEN SESSION AGENDA

For more information or to register to attend, email rchappetta@nas.edu or call 202-334-2766.

- 12:45 p.m. **Welcome and Introductions** *Paul Locke, Committee Chair*
- 1:00 p.m. **Discussion with State Agencies**
- Barbara Taylor, Deputy Commissioner of Health Protection, WV Bureau for Public Health
 - Lewis Halstead, Deputy Director, WV Department of Environmental Protection
 - Joey O'Quinn, Division of Mined Land Reclamation, VA Department of Mines, Minerals, and Energy
- 2:30 p.m. **Recap of Site Visit** *Paul Locke, Committee Chair*
- 2:40 p.m. **Discussion with West Virginia Coal Association** *Jason Bostic, Vice President*
- 3:00 p.m. **Environmental Group Panel**
- Natalie Thompson, Ohio Valley Environmental Coalition
 - Vernon Haltom, Coal River Mountain Watch
 - Cindy Rank, West Virginia Highlands Conservancy
- 4:00 p.m. *Open Session adjourns – 15 minute break*
-

6:30 p.m. **Town Hall Forum**

As part of a study examining the potential relationship between health risks and living near surface coal mining or reclamation sites, the National Academies will hold a town hall to gain insights and information from people living in the surrounding communities. The National Academies study committee invites community members to attend and share their perspectives on this topic. The focus of the study is people living near coal-mining areas rather than on occupational health of coal mine workers.

More information on the study can be found here: <http://www8.nationalacademies.org/cp/projectview.aspx?key=49846>

9:00 p.m. *Town Hall Forum Adjourns*

Completed NAS Meetings

Meeting Number 1

Meeting Information

Project Title: Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

PIN: DELS-BESR-16-03

Major Unit: Division on Earth and Life Studies
Health and Medicine Division

Sub Unit: Board on Earth Sciences & Resources
Board on Environmental Studies & Toxicology
Board on Health Sciences Policy

RSO: Glickson, Deborah

Subject/Focus Area: Earth Sciences; Engineering and Technology; Environment and Environmental Studies; Health and Medicine

Surface Coal Mining/Human Health Meeting 1

March 7, 2017 - March 8, 2017

Keck Center

500 5th Street, NW

Washington D.C. 20001

If you would like to attend the sessions of this meeting that are open to the public or need more information please contact:

Contact Name: Remy Chapetta

Email: rchappetta@nas.edu

Phone: 2023342766

Fax: 2023341377

Agenda:

Tuesday, March 7

Keck Center, 500 5th St NW, Washington DC 20001

Room 100

1:45 pm - Welcome and Introductions

2:00 pm - Study Origin and Objectives, OSMRE

2:30 pm - Discussion with Federal and State Agencies

3:45 pm - Public Comment Period

Each speaker has a maximum time limit of 3 minutes. Accompanying written materials are encouraged.

4:15 pm - Open Session Adjourns

Closed Session Summary Posted After the Meeting

The following committee members were present at the closed sessions of the meeting:

Paul Locke
Carmen Agouridis
Fiona Doyle
William Hopkins
Nancy Johnson
Braden Lusk
John Popp
Michael Robinson
Gregory Wellenius
Judith Zelikoff

The following topics were discussed in the closed sessions:

Bias, Conflict of Interest, and Committee Composition
Statement of Task
Open Session Presentations
Topic Overviews
Report Approach
Next Meetings

The following materials (written documents) were made available to the committee in the closed sessions:
None

Date of posting of Closed Session Summary: March 9, 2017

Meeting Number 2

Meeting Information

Project Title:	Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia
PIN:	DELS-BESR-16-03
Major Unit:	Division on Earth and Life Studies Health and Medicine Division
Sub Unit:	Board on Earth Sciences & Resources Board on Environmental Studies & Toxicology Board on Health Sciences Policy
RSO:	Glickson, Deborah
Subject/Focus Area:	Earth Sciences; Engineering and Technology; Environment and Environmental Studies; Health and Medicine

Surface Coal Mining/Human Health Meeting 2

May 22, 2017 - May 24, 2017
Chief Logan Lodge
1000 Conference Center Drive

Logan, WV 25601

If you would like to attend the sessions of this meeting that are open to the public or need more information please contact:

Contact Name: Remy Chapetta
Email: rchappetta@nas.edu
Phone: 202-334-2766
Fax:

Agenda:
Agenda

Tuesday, May 23 (room TBD)

12:45 pm Welcome and Introductions

1:00 pm Discussion with State Agencies
Barbara Taylor, Deputy Commissioner of Health Protection,
WV Bureau for Public Health
Lewis Halstead, Deputy Director,
WV Department of Environmental Protection
Joey O'Quinn, Division of Mined Land Reclamation,
VA Department of Mines, Minerals, and Energy
TBD, VA Department of Health

2:30 pm Recap of Site Visit

2:40 pm Jason Bostic, WV Coal Association

3:00 pm Environmental Group Panel
Natalie Thompson, Ohio Valley Environmental Coalition
Vernon Haltom, Coal River Mountain Watch
Cindy Rank, West Virginia Highlands Conservancy

3:45 pm Open Session Adjourns

6:30 pm Town Hall (until 9:00pm)
Closed Session Summary Posted After the Meeting

The following committee members were present at the closed sessions of the meeting:

Paul Locke
Carmen Agouridis
Fiona Doyle
Herman Gibb
William Hopkins
Nancy Johnson
Braden Lusk
John Popp
Gregory Wellenius
Judith Zelikoff

The following topics were discussed in the closed sessions:

The following topics were discussed in the closed sessions:
Mine Site Visit
Open Session Presentations
Town Hall
Report Approach
Next Meetings

The following materials (written documents) were made available to the committee in the closed sessions:
none

Date of posting of Closed Session Summary: May 31, 2017

Meeting Number 3

Meeting Information

Project Title: Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

PIN: DELS-BESR-16-03

Major Unit: Division on Earth and Life Studies
Health and Medicine Division

Sub Unit: Board on Earth Sciences & Resources
Board on Environmental Studies & Toxicology
Board on Health Sciences Policy

RSO: Glickson, Deborah

Subject/Focus Area: Earth Sciences; Engineering and Technology; Environment and Environmental Studies; Health and Medicine

Surface Coal Mining/Human Health Meeting 3

July 11, 2017 - July 12, 2017

Keck Center

500 5th Street, NW

Washington D.C. 20001

If you would like to attend the sessions of this meeting that are open to the public or need more information please contact:

Contact Name: Remy Chappetta

Email: rchappetta@nas.edu

Phone: 202-334-2766

Fax:

Agenda:

Tuesday, July 11

1:00 p.m. Welcome and Introductions

1:15 p.m. Overview of NTP/OHAT Systematic Review of Mountaintop Removal Mining

• Abee Boyles, Office of Health Assessment and Translation, National Toxicology Program, National Institute of Environmental Health Sciences

2:15 p.m. Panel 1 on Surface Coal Mining and Health Effects

• Michael Hendryx, Indiana University Bloomington

- Travis Knuckles, West Virginia University
- Jay Christian, University of Kentucky

3:45 p.m. Public Comment Period

4:00 p.m. Open Session Adjourns

Wednesday, July 12

9:00 a.m. Welcome and Introductions

9:15 a.m. Discussion of State Health Concerns

- Rahul Gupta, Commissioner, West Virginia Bureau for Public Health

10:00 a.m. Panel 2 on Surface Coal Mining and Health Effects

- Evelyn Talbott, University of Pittsburgh
- Susan Meacham, Edward Via College of Osteopathic Medicine
- Steve Lamm, Georgetown University

11:15 a.m. Public Comment Period

11:30 a.m. Open Session Adjourns

Closed Session Summary Posted After the Meeting

The following committee members were present at the closed sessions of the meeting:

Paul Locke
Carmen Agouridis
Fiona Doyle
Herman Gibb
William Hopkins
Nancy Johnson
Mike Robinson
Gregory Wellenius
Judith Zelikoff

The following topics were discussed in the closed sessions:

Open Session Presentations
Background Reading
Report Outline
Writing Assignments
Next Meetings

The following materials (written documents) were made available to the committee in the closed sessions:
None

Date of posting of Closed Session Summary: July 21, 2017

Meeting Number 4

Meeting Information

Project Title: Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

PIN: DELS-BESR-16-03

Major Unit: Division on Earth and Life Studies
Health and Medicine Division

Sub Unit: Board on Earth Sciences & Resources
Board on Environmental Studies & Toxicology
Board on Health Sciences Policy

RSO: Glickson, Deborah

Subject/Focus Area: Earth Sciences; Engineering and Technology; Environment and Environmental Studies; Health and Medicine

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia
August 15, 2017 - August 15, 2017
Online Webinar

If you would like to attend the sessions of this meeting that are open to the public or need more information please contact:

Contact Name: Remy Chappetta
Email: rchappetta@nas.edu
Phone: 202-334-2766
Fax:

Agenda:
3:00pm - 4:00pm Webinar with Dr. Jonathan Borak and Martin Slade

To ensure call quality, please follow these instructions

1. Five minutes before the call starts, use the following link to access the webinar:
<https://nationalacademies.webex.com/nationalacademies/j.php?MTID=m0336e79b5d3adc2b2ceccb0ea3d70dc4>
 2. Allow a few minutes for the meeting to load or to download Webex software if needed
 3. Once the meeting as opened, look for the icon that looks like a phone with the text "Connect to Audio." Click this button or "More Options"
 4. For best audio, select the "Call Me" option
 5. Enter your phone number and you will receive a call linking you to the meeting
- E-mail Remy Chappetta at rchappetta@nas.edu if you experience any issues joining or during the call.

Meeting Number 5

Meeting Information

Project Title: Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

PIN: DELS-BESR-16-03

Major Unit: Division on Earth and Life Studies
Health and Medicine Division

Sub Unit: Board on Earth Sciences & Resources
Board on Environmental Studies & Toxicology
Board on Health Sciences Policy

RSO: Glickson, Deborah

Subject/Focus Area: Earth Sciences; Engineering and Technology; Environment and Environmental Studies; Health and Medicine

Surface Coal Mining/Human Health Meeting 3

July 11, 2017 - July 12, 2017

Keck Center
500 5th Street, NW
Washington D.C. 20001

If you would like to attend the sessions of this meeting that are open to the public or need more information please contact:

Contact Name: Remy Chappetta
Email: rchappetta@nas.edu
Phone: 202-334-2766
Fax:

Agenda:

Tuesday, July 11

1:00 p.m. Welcome and Introductions

1:15 p.m. Overview of NTP/OHAT Systematic Review of Mountaintop Removal Mining

• Abee Boyles, Office of Health Assessment and Translation, National Toxicology Program, National Institute of Environmental Health Sciences

2:15 p.m. Panel 1 on Surface Coal Mining and Health Effects

- Michael Hendryx, Indiana University Bloomington
- Travis Knuckles, West Virginia University
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3:45 p.m. Public Comment Period

4:00 p.m. Open Session Adjourns

Wednesday, July 12

9:00 a.m. Welcome and Introductions

9:15 a.m. Discussion of State Health Concerns

- Rahul Gupta, Commissioner, West Virginia Bureau for Public Health

10:00 a.m. Panel 2 on Surface Coal Mining and Health Effects

- Evelyn Talbott, University of Pittsburgh
- Susan Meacham, Edward Via College of Osteopathic Medicine
- Steve Lamm, Georgetown University

11:15 a.m. Public Comment Period

11:30 a.m. Open Session Adjourns

Closed Session Summary Posted After the Meeting

The following committee members were present at the closed sessions of the meeting:

Paul Locke
Carmen Agouridis
Fiona Doyle
Herman Gibb
William Hopkins
Nancy Johnson
Mike Robinson
Gregory Wellenius
Judith Zelikoff

The following topics were discussed in the closed sessions:

Open Session Presentations
Background Reading
Report Outline
Writing Assignments
Next Meetings

The following materials (written documents) were made available to the committee in the closed sessions:

None

Date of posting of Closed Session Summary: July 21, 2017

END

Programmatic Review Checklist for OSMRE Financial Assistance Programs **(For OSMRE Internal Use Only)** Version 5



Scope and Purpose of Review:

Program monitoring addresses the content and substance of the program. It is a qualitative review to determine performance, innovation, and contributions. It assesses whether award activities are consistent with the program narrative/work plan or proposed project activities identified in the application or agreement, and comply with statutory regulations and other policy guidelines. It also evaluates program outcomes and monitors administrative activities to ensure compliance with award terms & conditions and reporting requirements.

Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

1st Qrt Progress Review-Period Ending December 31st, 2017.

Findings - Initial Application:

Objectives and Need for Assistance explains why the assistance is needed and states what the grant's primary and secondary objectives are.

Yes No N/A

☐ ☐ ☐

Results and Benefits Expected describe how public health and safety will be protected and the environment or life of coalfield citizens will be improved during the grant period.

☐ ☐ ☐

Approach outlines the plan of action for the proposed scope of work as well as criteria and methodology to be used to evaluate results during the grant period.

☐ ☐ ☐

Number of Personnel and type of positions identified will adequately support the proposed program work to be accomplished during the grant period.

☐ ☐ ☐

The number of trips and purpose of travel are necessary for successful performance of proposed work under this grant.

☐ ☐ ☐

Equipment identified is required for successful performance of proposed program work under this grant.

☐ ☐ ☐

Conducted AML subaccount review. Funding requested is consistent with the program objectives of the grant.

☐ ☐ ☐

Supplies listed are needed to complete proposed program work during this grant period.

☐ ☐ ☐

Contractual services identified are essential to the successful performance of proposed work under this grant.

☐ ☐ ☐

Other cost items identified are necessary expenses that must be incurred to meet program objectives.

☐ ☐ ☐

Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings – Report Monitoring

Reported activities are in compliance with the approved plan and Federal regulations.
Performance report compares the planned activities to actual accomplishments.
Performance report provides explanation for any/all deviations from the approved plan.
Recipient has met / will meet the objectives of the approved plan within the established performance period.
Conducted AML Sub-account review. Funding usage is consistent with the program objectives of the grant.

Yes No N/A

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
Established goals were met or an acceptable explanation was provided for why they were not met.
Quantitative data was provided on the output of the completed project(s) or program activity.
Conducted AML Sub-account review. Funding usage was consistent with the program objectives of the grant.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Watereshed Cooperative Agreements Only

As built plan was included in the Closeout Project Performance Narrative.
Project partner(s) participation went according to plan.
Description, quantity, and calculated value of in-kind services or materials was included.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations

Yes **No**

Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary).



During the first-quarter of this eight-quarter cooperative agreement, NAS has successfully kept the project on track according to the cooperative agreement terms. NAS has assigned Deb Glickson to manage the project, and she is doing a great job transitioning into this role. The primary work effort for this period was starting to establish the NAS Committee for the project. Everything appears to be running as planned for this period.

Prepared by:

Joshua S. Rockwell

Date:

7/13/17

Reviewed by:

Michael F. Kuhns

Date:

7/13/17

Approved by:

Yetunde Richardson

Date:

7/13/17

Programmatic Review Checklist for OSMRE Financial Assistance Programs **(For OSMRE Internal Use Only)** Version 5



Scope and Purpose of Review:

Program monitoring addresses the content and substance of the program. It is a qualitative review to determine performance, innovation, and contributions. It assesses whether award activities are consistent with the program narrative/work plan or proposed project activities identified in the application or agreement, and comply with statutory regulations and other policy guidelines. It also evaluates program outcomes and monitors administrative activities to ensure compliance with award terms & conditions and reporting requirements.

Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

2nd Qrt Progress Review-Period Ending March 31, 2017.

Findings - Initial Application:

	<u>Yes</u>	<u>No</u>	<u>N/A</u>
Objectives and Need for Assistance explains why the assistance is needed and states what the grant's primary and secondary objectives are.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Results and Benefits Expected describe how public health and safety will be protected and the environment or life of coalfield citizens will be improved during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Approach outlines the plan of action for the proposed scope of work as well as criteria and methodology to be used to evaluate results during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of Personnel and type of positions identified will adequately support the proposed program work to be accomplished during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The number of trips and purpose of travel are necessary for successful performance of proposed work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment identified is required for successful performance of proposed program work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Conducted AML subaccount review. Funding requested is consistent with the program objectives of the grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Supplies listed are needed to complete proposed program work during this grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Contractual services identified are essential to the successful performance of proposed work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other cost items identified are necessary expenses that must be incurred to meet program objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings - Report Monitoring

Reported activities are in compliance with the approved plan and Federal regulations.
Performance report compares the planned activities to actual accomplishments.
Performance report provides explanation for any/all deviations from the approved plan.
Recipient has met / will meet the objectives of the approved plan within the established performance period.
Conducted AML Sub-account review. Funding usage is consistent with the program objectives of the grant.

Yes	No	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
Established goals were met or an acceptable explanation was provided for why they were not met.
Quantitative data was provided on the output of the completed project(s) or program activity.
Conducted AML Sub-account review. Funding usage was consistent with the program objectives of the grant.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Watershed Cooperative Agreements Only

As built plan was included in the Closeout Project Performance Narrative.
Project partner(s) participation went according to plan.
Description, quantity, and calculated value of in-kind services or materials was included.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations**Yes** **No****Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary.**

During the second-quarter of this eight-quarter cooperative agreement, NAS has successfully kept the project on track according to the cooperative agreement terms. During this quarter, the committee membership was finalized and a proposed schedule for committee meetings and public hearings was completed. During this period, the committee held several conference calls to initiate organization and formalize their work efforts. The "town hall" meeting was also held during the quarter. The meeting was held in Washington, DC, and it included public sessions and closed door sessions.

Prepared by: Joshua S. Rockwell

Date: 7/13/17

Reviewed by: Michael F. Kuhns

Date: 7/13/17

Approved by: Yetunde Richardson

Date: 7/13/17

Programmatic Review Checklist for OSMRE Financial Assistance Programs
(For OSMRE Internal Use Only)
Version 5



Scope and Purpose of Review:

Program monitoring addresses the content and substance of the program. It is a qualitative review to determine performance, innovation, and contributions. It assesses whether award activities are consistent with the program narrative/work plan or proposed project activities identified in the application or agreement, and comply with statutory regulations and other policy guidelines. It also evaluates program outcomes and monitors administrative activities to ensure compliance with award terms & conditions and reporting requirements.

Program Specialist:

Michael F. Kuhns

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

3rd Qtr Progress Review-Period Ending June 30, 2017.

Findings - Initial Application:

Objectives and Need for Assistance explains why the assistance is needed and states what the grant's primary and secondary objectives are.

Results and Benefits Expected describe how public health and safety will be protected and the environment or life of coalfield citizens will be improved during the grant period.

Approach outlines the plan of action for the proposed scope of work as well as criteria and methodology to be used to evaluate results during the grant period.

Number of Personnel and type of positions identified will adequately support the proposed program work to be accomplished during the grant period.

The number of trips and purpose of travel are necessary for successful performance of proposed work under this grant.

Equipment identified is required for successful performance of proposed program work under this grant.

Conducted AML subaccount review. Funding requested is consistent with the program objectives of the grant.

Supplies listed are needed to complete proposed program work during this grant period.

Contractual services identified are essential to the successful performance of proposed work under this grant.

Other cost items identified are necessary expenses that must be incurred to meet program objectives.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings - Report Monitoring

Reported activities are in compliance with the approved plan and Federal regulations.
Performance report compares the planned activities to actual accomplishments.
Performance report provides explanation for any/all deviations from the approved plan.
Recipient has met / will meet the objectives of the approved plan within the established performance period.
Conducted AML Sub-account review. Funding usage is consistent with the program objectives of the grant.

Yes No N/A

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
Established goals were met or an acceptable explanation was provided for why they were not met.
Quantitative data was provided on the output of the completed project(s) or program activity.
Conducted AML Sub-account review. Funding usage was consistent with the program objectives of the grant.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Watershed Cooperative Agreements Only

As built plan was included in the Closeout Project Performance Narrative.
Project partner(s) participation went according to plan.
Description, quantity, and calculated value of in-kind services or materials was included.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations

Yes **No**

Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary.)



During the third-quarter of this eight-quarter cooperative agreement, NAS has successfully kept the project on track according to the cooperative agreement terms. During this quarter, Meeting 2 was held in Logan, West Virginia. The meeting included public sessions (with presentations from state agencies, a coal association, and local environmental groups), an evening "town hall" meeting, and closed door sessions. Committee members also arranged for the state coal association to take them on a field trip to see an active local surface mining operation and a coal preparation plant.

NAS staff also prepared to host Meeting 3 in Washington DC on July 11 & 12, consisting of public sessions and closed sessions. Also announced are a webinar with Dr. Jonathan Borak on August 15, and Meeting 4 in Kentucky on August 21-23, with public sessions, an evening "town hall" meeting, and closed sessions.

The public session portion of the meetings to date ran longer than anticipated, partly due to the amount of questions that the committee had for the presenters. As a result, the committee has had less time for closed sessions than planned. NAS raised the possibility that an additional closed door meeting may be needed for the committee to address the amount of data and information it has received. In the event that an additional meeting needs to be scheduled, NAS said that no cost increase would be needed to the cooperative agreement. However, an additional month may need to be added to complete the work.

Prepared by: Michael F. Kuhns


Date: 7/27/17

Reviewed by: Joshua S. Rockwell

Date: 7/27/17

Approved by: Yetunde Richardson

Date: 7/27/17



Programmatic Review Checklist for OSMRE Financial Assistance Programs

(For OSMRE Internal Use Only)

Version 5



Scope and Purpose of Review:

Program monitoring addresses the content and substance of the program. It is a qualitative review to determine performance, innovation, and contributions. It assesses whether award activities are consistent with the program narrative/work plan or proposed project activities identified in the application or agreement, and comply with statutory regulations and other policy guidelines. It also evaluates program outcomes and monitors administrative activities to ensure compliance with award terms & conditions and reporting requirements.

Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

4th Qrt Progress Review-Period Ending September 30, 2017.

Findings - Initial Application:

Objectives and Need for Assistance explains why the assistance is needed and states what the grant's primary and secondary objectives are.

Results and Benefits Expected describe how public health and safety will be protected and the environment or life of coalfield citizens will be improved during the grant period.

Approach outlines the plan of action for the proposed scope of work as well as criteria and methodology to be used to evaluate results during the grant period.

Number of Personnel and type of positions identified will adequately support the proposed program work to be accomplished during the grant period.

The number of trips and purpose of travel are necessary for successful performance of proposed work under this grant.

Equipment identified is required for successful performance of proposed program work under this grant.

Conducted AML subaccount review. Funding requested is consistent with the program objectives of the grant.

Supplies listed are needed to complete proposed program work during this grant period.

Contractual services identified are essential to the successful performance of proposed work under this grant.

Other cost items identified are necessary expenses that must be incurred to meet program objectives.

<u>Yes</u>	<u>No</u>	<u>N/A</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings - Report Monitoring

Reported activities are in compliance with the approved plan and Federal regulations.
Performance report compares the planned activities to actual accomplishments.
Performance report provides explanation for any/all deviations from the approved plan.
Recipient has met / will meet the objectives of the approved plan within the established performance period.
Conducted AML Sub-account review. Funding usage is consistent with the program objectives of the grant.

Yes	No	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
Established goals were met or an acceptable explanation was provided for why they were not met.
Quantitative data was provided on the output of the completed project(s) or program activity.
Conducted AML Sub-account review. Funding usage was consistent with the program objectives of the grant.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Watershed Cooperative Agreements Only

As built plan was included in the Closeout Project Performance Narrative.
Project partner(s) participation went according to plan.
Description, quantity, and calculated value of in-kind services or materials was included.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations**Yes** **No****Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary).**

During the fourth-quarter of this eight-quarter cooperative agreement, NAS has successfully kept the project on track according to the cooperative agreement terms. During this quarter, a public meeting was held at the Keck Center in Washington, DC. This meeting consisted of 2 public hearings and one closed session for the committee members. Also during this period, another set of public meetings were held in Kentucky. The meetings consisted of a town-hall style meeting in Hazard, KY, and open session meeting in Lexington, KY, and a closed session meeting for committee members. While in Kentucky, the committee also visited local surface coal mining operations. Additionally, during the 4th quarter, NAS hosted an open session via webinar to hear the results and findings of additional studies.

This study is currently under review by DOI, and the work has been temporarily halted, pending the review's outcome. On August 18th of this period, OSMRE ordered a halt to all activity related to study once the Kentucky meetings had been completed. At this time, NAS has halted all plans for additional work to take place in the 5th quarter. NAS is awaiting DOI's decision as per the ordered review.

Prepared by:

Joshua S. Rockwell

Date:

10/4/17

Reviewed by:

Michael F. Kuhns

Date:

10/4/17

Approved by:

Yctunde Richardson

Date:

10/4/17

[illegible]

Draw Down Request #1

From: Bautista, Jay <jbautista@osmre.gov<mailto:jbautista@osmre.gov>>

Date: Tue, Sep 20, 2016 at 8:13 AM

Subject: NAS Drawdown.

To: Joshua Rockwell <jrockwell@osmre.gov<mailto:jrockwell@osmre.gov>>, Michael Kuhns <mkuhns@osmre.gov<mailto:mkuhns@osmre.gov>>

Cc: Yetunde Richardson <yrichardson@osmre.gov<mailto:yrichardson@osmre.gov>>, Kimberly Harper

<kharper@osmre.gov<mailto:kharper@osmre.gov>>
Josh and/or Mick,

Please see below:

On Mon, Sep 19, 2016 at 9:59 AM, Harper, Kimberly

<kharper@osmre.gov<mailto:kharper@osmre.gov>> wrote:

The National Academy of Sciences is requesting a draw down in the amount of \$706.38. Please let us

know if you approve this draw down and we will certify it in ASAP.

Thank you,

Kimberly

From: Rockwell, Joshua [jrockwell@osmre.gov]

Sent: Tuesday, September 20, 2016 8:46 AM

To: Eide, Elizabeth

Cc: Michael Kuhns

Subject: Fwd: NAS Drawdown.

NAS drawdown request for \$706.38.

Elizabeth, I need a description of what the \$706.38 was used for, so that I can approve NAS's drawdown

request.

Thanks,

Josh

From: Rockwell, Joshua [mailto:jrockwell@osmre.gov]

Sent: Tuesday, September 20, 2016 10:11 AM

To: Claringbould, Katharine

Cc: Rogers, Nicholas; Eide, Elizabeth; Grosshans, Denise; Michael Kuhns

Subject: Re: Seeking your assistance. NAS Drawdown. (10003158)

Please justify your drawdown in an email to Mick Kuhns and myself at the time you electronically

request your drawdown. Describe the work performed for the cost incurred. Down the road, when NAS

is drawing down larger amounts I'd like to see multiple line items with the amount of funding requested

for each line item. Email correspondence is fine.

Thank You,

Josh

From: Rockwell, Joshua [mailto:jrockwell@osmre.gov]
Sent: Thursday, September 22, 2016 1:20 PM
To: Claringbould, Katharine
Cc: Rogers, Nicholas; Eide, Elizabeth; Grosshans, Denise; Michael Kuhns
Subject: Re: Seeking your assistance. NAS Drawdown. (10003158)

Katharine:

All of NAS's costs will be reimbursable. i.e. your draw down will pay for the work that has been completed for that draw down. Technically, they will all be "reimbursable".

There is no need for the formal invoice, just explain (in an email to Mick and I) what the \$700 plus was

used for. Travel, personnel salary, etc. An email explanation will be sufficient for future draw downs as

well, just please outline what the \$ was expended on.

Thanks,

Josh

On Thu, Sep 22, 2016 at 12:21 PM, Claringbould, Katharine <KClaringbould@nas.edu> wrote:
Hi Josh,

I am sorry for the delay in responding I was out [REDACTED]

I have attached a signed copy of the invoice. Will this be sufficient support for the payment request? If this is not what you are after, can you give us some more details on what you are seeking so we can figure out how it can be achieved? For later larger payments I am also happy to include the 1035 detail if that meets your requirements.

Thanks,

Kate

Katharine Claringbould

Senior Accountant

The National Academies of Sciences, Engineering and Medicine

Office of Chief Financial Officer

500 Fifth Street, NW

Washington, DC 20001

Tel: +1-202-334-2051

kclaringbould@nas.edu<<mailto:kclaringbould@nas.edu>>

From: Rockwell, Joshua [mailto:jrockwell@osmre.gov]
Sent: Thursday, September 22, 2016 1:20 PM
To: Claringbould, Katharine
Cc: Rogers, Nicholas; Eide, Elizabeth; Grosshans, Denise; Michael Kuhns
Subject: Re: Seeking your assistance. NAS Drawdown. (10003158)

Katharine:

All of NAS's costs will be reimbursable. i.e. your draw down will pay for the work that has been completed for that draw down. Technically, they will all be "reimbursable".

There is no need for the formal invoice, just explain (in an email to Mick and I) what the \$700 plus was

used for. Travel, personnel salary, etc. An email explanation will be sufficient for future draw downs as

well, just please outline what the \$ was expended on.

Thanks,

Josh

On Thu, Sep 22, 2016 at 12:21 PM, Claringbould, Katharine <KClaringbould@nas.edu> wrote:
Hi Josh,

I am sorry for the delay in responding I was out [REDACTED]

I have attached a signed copy of the invoice. Will this be sufficient support for the payment request? If this is not what you are after, can you give us some more details on what you are seeking so we can figure out how it can be achieved? For later larger payments I am also happy to include the 1035 detail if that meets your requirements.

Thanks,

Kate

Katharine Claringbould

Senior Accountant

The National Academies of Sciences, Engineering and Medicine

Office of Chief Financial Officer

500 Fifth Street, NW

Washington, DC 20001

Draw Down Approval #1

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Fri Sep 23 2016 08:24:17 GMT-0600 (MDT)

To:

"Bautista, Jay" <jbautista@osmre.gov>, Kimberly Harper

<kharper@osmre.gov>, Yetunde Richardson

<yrichardson@osmre.gov>

CC: Michael Kuhns <mkuhns@osmre.gov>

Subject: Re: NAS Drawdown.

All:

It took a few days for NAS's right hand to be able to talk to it's proverbial left hand, but we are now good to go. NAS has justified their draw down. You may release the funds.

Thank you,

Josh

Draw Down Request #2

"Claringbould, Katharine" <KClaringbould@nas.edu>

From: "Claringbould, Katharine" <KClaringbould@nas.edu>

Sent: Tue Nov 01 2016 07:18:28 GMT-0600 (MDT)

To: "Rockwell, Joshua" <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

CC: "Rogers, Nicholas" <NRogers@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Cheran, Ramamani" <RCheran@nas.edu>

Subject: FW: description of costs S16AC20034

Hi Joshua and Michael,

See below for a description of costs as pertains to our latest draw request in ASAP. Please let us know if you require any additional information.

Thanks,

Kate

Katharine Claringbould

Senior Accountant

The National Academies of Sciences, Engineering and Medicine

Office of Chief Financial Officer

500 Fifth Street, NW

Washington, DC 20001

Tel: +1-202-334-2051

kclaringbould@nas.edu<<mailto:kclaringbould@nas.edu>>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Wed Nov 02 2016 06:46:30 GMT-0600 (MDT)

To: "Claringbould, Katharine" <KClaringbould@nas.edu>

CC:

Michael Kuhns <mkuhns@osmre.gov>, "Rogers, Nicholas"

<NRogers@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>,

"Cheran, Ramamani" <RCheran@nas.edu>

Subject: Re: FW: description of costs S16AC20034

In our last email, I suggested, as an example something more along the lines of this:

"Good enough for me. That's all we need. In the future, say a draw down of a larger amount, something along the lines of say:

NAS Drawdown request for \$25,000:

\$5,000 for labor associated with public meeting #1.

\$5,000 for labor associated with NAS administration of the project.

\$10,000 for travel for meeting #1.

\$5,000 for facility reservation/coordination for meeting #2.

Total request \$25,000

Something along these lines would be beneficial for future reviews. Please submit something of the like at the time of draw request, or even better yet, a couple of days prior to your draw.

Thank you,

Josh"

Your current description, does not identify the amount of the drawdown, nor does it break the amount down like in the example above. This is an informal breakdown, and process, but I need a little more detail.

Thank you,

Josh

"Eide, Elizabeth" <EEide@nas.edu>

From: "Eide, Elizabeth" <EEide@nas.edu>

Sent: Wed Nov 02 2016 07:08:08 GMT-0600 (MDT)

To: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Claringbould, Katharine" <KClaringbould@nas.edu>

CC:

Michael Kuhns <mkuhns@osmre.gov>, "Rogers, Nicholas"

<NRogers@nas.edu>, "Cheran, Ramamani"

<RCheran@nas.edu>

Subject: RE: FW: description of costs S16AC20034

Attachments: image001.png

Hi Josh,

The Academies drawdown request for \$9,428.70 is broken down as follows:

\$9,428.70 for labor associated with administration of the project.

Please let us know if you have further questions.

Best,

Elizabeth

Elizabeth A. Eide, Ph.D.

Director, Board on Earth Sciences and Resources

Acting Director, Water Science and Technology Board

The National Academies of Sciences, Engineering, and Medicine

500 Fifth St., NW

Washington, DC 20001

tel. 202 334 2392

Visit BESR at <http://dels.nas.edu/besr>

Draw Down Approval #2

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Wed Nov 02 2016 07:17:46 GMT-0600 (MDT)

To: "Eide, Elizabeth" <EEide@nas.edu>, Kimberly Harper
<kharper@osmre.gov>

CC:

"Claringbould, Katharine" <KClaringbould@nas.edu>, Michael

Kuhns <mkuhns@osmre.gov>, "Rogers, Nicholas"

<NRogers@nas.edu>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Bautista, Jay" <jbautista@osmre.gov>,

Yetunde Richardson <yrichardson@osmre.gov>

Subject: Re: FW: description of costs S16AC20034

Attachments: image001.png

Elizabeth:

Your request for the draw is justified. Thank you.

Kimberly:

You should see a request for draw down from NAS for \$9,428.70 in ASAP. This amount may be released.

Thank you,

Josh

Draw Down Request #3

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Fri Dec 16 2016 07:32:22 GMT-0700 (MST)

To: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - Award No. S16AC20034

Attachments: image001.png

Good Morning Josh and Mick,

We are sending the next drawdown request for your approval.

NAS Drawdown request for \$17,771.11:

\$14,339.58 for labor and associated costs related to the nominations and vetting process of prospective members.

\$3,431.53 for labor and associated costs related to background research and data collection.

Total request \$17,771.11

Draw Down Approval #3

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Mon Dec 19 2016 06:30:55 GMT-0700 (MST)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

Michael Kuhns <mkuhns@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: Re: NAS Drawdown Request - Award No. S16AC20034

Attachments: image001.png

Mick and I have reviewed your request for this drawdown.

We approve your request.

Thank you,

Josh

Draw Down Request #4

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Tue Jan 10 2017 13:35:09 GMT-0700 (MST)

To: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Michael Kuhns" <mkuhns@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - January 2017 - Award No. S16AC20034

Attachments: image001.png

Josh and Mick,

This is the next NAS Drawdown request for \$22,204.08:

\$ 13,713.94 for labor and associated costs related to the nominations and vetting process of prospective members.

\$ 8,424.22 for labor and associated costs related to background research and data collection.

\$ 65.92 for other direct costs (postage and office supplies) plus its associated costs.

Total request \$22,204.08 is through expenses thru December 2016.

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: @NASEarth

Draw Down Approval #4

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Wed Jan 11 2017 05:46:36 GMT-0700 (MST)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

Michael Kuhns <mkuhns@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: Re: NAS Drawdown Request - January 2017 - Award No.
S16AC20034

Attachments: image001.png

Mick and I have reviewed your request and approve a drawdown in the amount of \$22,204.08.

Thank you,

Josh

Draw Down Request #5&6

Rogers, Nicholas <NRogers@nas.edu>

2/3/17

to me, Michael, Ramamani, Deborah, Elizabeth

Josh and Mick,

This is the next NAS Drawdown request for \$22,478.28:

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting 1 with the membership meetings and background research for meeting materials.

\$ 8.89 for other direct costs (photocopying and long distance phone calls) plus its associated costs.

Total request \$22,478.28 is through expenses thru January 20, 2016.

Kind regards,

Nick

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Tue Feb 21 2017 12:37:34 GMT-0700 (MST)

To: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Michael Kuhns" <mkuhns@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

Josh and Mick,

The next NAS Drawdown request for February 2017 is \$15,071.02:

\$ 12,330.78 for labor and associated costs related to planning meeting 1 with the membership from the

agenda to invited expert speakers.

\$ 3,076.84 for labor and associated costs related to background research and data collection related to the project.

Kind regards,

Nick

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>
Sent: Wed Feb 22 2017 06:58:14 GMT-0700 (MST)
To: "Rogers, Nicholas" <NRogers@nas.edu>
CC:
"jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Kimberly Harper <kharp@osmre.gov>
Subject: Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

Hi Nick,

For this latest bill, there is an apparent discrepancy in the total bill amount (\$15,071.02) versus the summation of the two individual items (\$12,330.78 + \$3,076.84 = \$15,407.62).

For the previous month's bill, the total appears to be transposed from the summary of the individual items (\$22,748.28 versus \$22,478.28).

Please clarify the correct amounts for this bill and the prior month's bill.

Mick

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>
Sent: Wed Feb 22 2017 07:08:57 GMT-0700 (MST)
To: "Kuhns, Michael" <mkuhns@osmre.gov>

CC:

"jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Kimberly Harper <kharp@osmre.gov>
Subject: RE: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

Mick,

My apologies. Not sure what happened there. I think I wrote the equations wrong in excel.

January - \$22,748.26

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting 1 with the membership meetings and background research for meeting materials.

\$ 8.89 for other direct costs (photocopying and long distance phone calls) plus its associated costs.

February - \$15,071.02:

\$ 11,994.18 for labor and associated costs related to planning meeting 1 with the membership from the agenda to invited expert speakers.

\$ 3,076.84 for labor and associated costs related to background research and data collection related to the project.

Again, my apologies and I hope this clarifies.

Kind regards,

Nick Rogers

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Feb 22 2017 10:59:01 GMT-0700 (MST)

To: Joshua Rockwell <jrockwell@osmre.gov>

Subject: Fwd: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

I am fine with paying NAS the amount of \$15,071.02 (with corrected items totaling this amount)
Mick

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Mon Feb 27 2017 08:43:39 GMT-0700 (MST)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

"Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Re: NAS Drawdown Request - February 2017 - Award No.

Subject: S16AC20034

Attachments: image001.png

Was the error corrected? I don't remember seeing a corrected request?

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Mon Feb 27 2017 08:49:40 GMT-0700 (MST)

To: "Rockwell, Joshua" <jrockwell@osmre.gov>

"Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani"

CC: <RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: RE: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

Josh,

I hope the below are what you mean by the corrections.

January - \$22,748.28

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting 1 with the membership meetings and background research for meeting materials.

\$ 8.89 for other direct costs (photocopying and long distance phone calls) plus its associated costs.

February - \$15,071.02:

\$ 11,994.18 for labor and associated costs related to planning meeting 1 with the membership from the agenda to invited expert speakers.

\$ 3,076.84 for labor and associated costs related to background research and data collection related to the project.

Draw Down Approval #5&6

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Mon Feb 27 2017 08:56:13 GMT-0700 (MST)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

"Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

Nicholas:

Your February request is approved (\$15,071.02).

Thank you,

Josh

From: Harper, Kimberly <kharper@osmre.gov>

Date: Tue, Mar 7, 2017 at 7:36 AM

Subject: Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034

To: "Richardson, Yetunde" <yrichardson@osmre.gov>

Cc: Joshua Rockwell <jrockwell@osmre.gov>, Jay Bautista <jbautista@osmre.gov>

After going through all the email trail here, is this amount approved?

Thanks,

Kimberly

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Tue Mar 07 2017 08:23:53 GMT-0700 (MST)

To: "Harper, Kimberly" <kharper@osmre.gov>

CC:

"Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista

<jbautista@osmre.gov>, "Kuhns, Michael F. Mick"

<mkuhns@osmre.gov>

Subject: Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

Yes, NAS's request to draw \$15,071.02 is approved.

Draw Down Request #7

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Mon Apr 17 2017 14:39:20 GMT-0600 (MDT)

To: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Kuhns, Michael" <mkuhns@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - March 2017 - Award No. S16AC20034

Attachments: image001.png

Good Afternoon Mick and Josh,

This is the draw request for March's activities:

\$53,187.03 for labor and associated costs related to planning Meeting 1, including working with committee members, meeting logistics, and background research.

\$3,896.64 for partial travel and meeting costs for committee members to Meeting 1 (not all committee travel and meeting costs are reflected in this draw; others will follow)

\$364.38 for other direct costs (photocopying and conference calls) plus its associated costs.

\$57,448.05 March Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Apr 19 2017 07:22:23 GMT-0600 (MDT)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

"Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, Michael Kuhns <mkuhns@osmre.gov>,

"Eide, Elizabeth" <EEide@nas.edu>

Subject: Re: NAS Drawdown Request - March 2017 - Award No. S16AC20034

Attachments: image001.png

Hi Nicholas,

I am fine with the expenses for this billing cycle, but I would appreciate a further breakdown of how much of the \$3,896.64 for this period was for "partial travel" and how much was for "meeting expense". This would be consistent with the accounting breakdown in the

cooperative agreement proposal, and how I am keeping track of expenses by category.
Thanks,
Mick

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Wed Apr 19 2017 07:34:22 GMT-0600 (MDT)

To: "Kuhns, Michael" <mkuhns@osmre.gov>

CC:

"Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: RE: NAS Drawdown Request - March 2017 - Award No.
S16AC20034

Attachments: image001.png

Good Morning Mick:

Here is the break down. Let me know if you want more detail on the individual travelers:

\$3896.64 is for tickets/fees/G&A for 7 travelers that flew into DC for the meeting. Travel Expense reports for theses7 and the others are pending.

\$0 Meeting expenses – as they take time to cycle through our system and to charge the contract.

Cheers,

Nick

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Apr 19 2017 07:55:37 GMT-0600 (MDT)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC: Joshua Rockwell <jrockwell@osmre.gov>

Subject: Re: NAS Drawdown Request - March 2017 - Award No.
S16AC20034

Attachments: image001.png

Thanks,

That is the breakdown I was interested in.

Mick

Down Approval #7

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Apr 19 2017 08:13:08 GMT-0600 (MDT)

To:

Kimberly Harper <kharp@osmre.gov>, Jay Bautista

<jbautista@osmre.gov>, "Richardson, Yetunde"

<yrichardson@osmre.gov>

CC: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns

<mkuhns@osmre.gov>

Subject: Fwd: NAS Drawdown Request - March 2017 - Award No.

S16AC20034

Attachments: image001.png

All:

Josh and I have reviewed NAS's recent request for a drawdown in the amount of \$57,448.05 for March 2017. We approve their request.

According to my records, this represents a total draw of \$145,377.62 since their first billing in September 2016.

See message strings below.

Thank you,

Mick

Draw Down Request #8

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Mon May 15 2017 15:41:54 GMT-0600 (MDT)

To: "'Kuhns, Michael'" <mkuhns@osmre.gov>, "'Rockwell, Joshua'" <jrockwell@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - April 2017 - Award No. S16AC20034

Attachments: image001.png

Good Afternoon Mick and Josh,

This is the draw request for April's activities:

\$25,485.77 for labor and associated costs related to following up on Meeting 1 (DC), planning Meeting 2 (WV) with the staff and committee, and for background research for meeting materials and report.

\$3,484.88 for partial travel expenses for committee members to Meeting 1 plus its associated costs (some committee travel on last draw)

\$949.70 for meeting costs for Meeting 1, plus its associated costs.

\$66.64 for other direct costs (conference calls with committee/staff), plus its associated costs.

\$29,986.99 April Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Draw Down Approval #8

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed May 17 2017 08:58:24 GMT-0600 (MDT)

To:

Kimberly Harper <kharp@osmre.gov>, Jay Bautista

<jbautista@osmre.gov>, "Richardson, Yetunde"

<yrichardson@osmre.gov>

CC: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns

<mkuhns@osmre.gov>

Subject: Fwd: NAS Drawdown Request - April 2017 - Award No.

S16AC20034

Attachments: image001.png

All:

Josh and I have reviewed NAS's recent drawdown request for April in the amount of \$29,986.99, and approve their request.

According to my records, this represents a total draw of \$175,364.61 (29% of Year 1 monies) since their first billing in September 2016.

See message strings below.

Thank you,

Mick

Draw Down Request #9

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Tue Jun 27 2017 06:43:37 GMT-0600 (MDT)

To: "'Kuhns, Michael'" <mkuhns@osmre.gov>, "'Rockwell, Joshua'" <jrockwell@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - May 2017 - Award No. S16AC20034

Attachments: image001.png

Good Morning Mick and Josh,

This is the draw request for May's activities:

\$1,174.11 for meeting costs for meeting 1 plus its associated costs.

\$7,378.56 for partial travel for committee members to meeting 1 plus its associated costs.

\$11,559.20 for labor and associated costs related to planning meeting 2 with the membership and background research for meeting materials.

\$10,191.94 for partial travel for committee members to meeting 2 plus its associated costs.

\$45,552.82 for labor and associated costs related to planning meeting 3 with the membership and background research for meeting materials.

\$62.88 for other direct costs (conference calls with committee/staff) plus its associated costs.

\$ 75,919.51 May Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

Draw Down Approval #9

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Wed Jun 28 2017 13:55:31 GMT-0600 (MDT)

To:

Kimberly Harper <kharper@osmre.gov>, "Bautista, Jay"

<jbautista@osmre.gov>, Yetunde Richardson

<yrichardson@osmre.gov>, "Kuhns, Michael F. Mick"

<mkuhns@osmre.gov>

Subject: NAS Drawdown For May

Kim:

I have reviewed the drawdown request (below) and approve NAS's request for \$75,919.51.

Thank you,

Josh

Good Morning Mick and Josh,

This is the draw request for May's activities:

\$1,174.11 for meeting costs for meeting 1 plus its associated costs.

\$7,378.56 for partial travel for committee members to meeting 1 plus its associated costs.

\$11,559.20 for labor and associated costs related to planning meeting 2 with the membership and background research for meeting materials.

\$10,191.94 for partial travel for committee members to meeting 2 plus its associated costs.

\$45,552.82 for labor and associated costs related to planning meeting 3 with the membership and background research for meeting materials.

\$62.88 for other direct costs (conference calls with committee/staff) plus its associated costs.

\$ 75,919.51 May Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

Draw Down Request #10

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Tue Aug 01 2017 10:26:25 GMT-0600 (MDT)

To: "'Kuhns, Michael'" <mkuhns@osmre.gov>, "'Rockwell, Joshua'" <jrockwell@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>

Subject: RE: NAS Drawdown Request - June 2017 - Award No. S16AC20034

Attachments: image001.png

Mick and Josh,

This is the draw request for June's activities:

\$9,095.55 for labor and associated costs related to wrapping up Meeting 2 (Logan, WV in May) expenses.

\$2,215.80 for partial travel for committee members to Meeting 2, plus its associated costs.

\$12,033.44 for labor and associated costs related to planning Meeting 3 (Washington, DC in July) and background research for meeting materials.

\$3,728.13 for other direct costs (i.e., postage, ad purchases, supplies and conference calls with committee/staff), plus its associated costs.

\$ 27,072.92 June Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

Draw Down Approval #10

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Aug 02 2017 05:33:34 GMT-0600 (MDT)

To:

Kimberly Harper <kharper@osmre.gov>, Jay Bautista

<jbautista@osmre.gov>, "Richardson, Yetunde"

<yrichardson@osmre.gov>, Joshua Rockwell

<jrockwell@osmre.gov>

CC: Michael Kuhns <mkuhns@osmre.gov>

Subject: Fwd: NAS Drawdown Request - June 2017 - Award No.

S16AC20034

Attachments: image001.png

Kim:

I have reviewed the drawdown request (below) and approve NAS's request for \$27,072.92 for expenses for June 2017.

According to my calculations, the total amount they will have been paid to date would now become \$278,357.04.

Thank you,

Mick

Draw Down Request #11

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Fri Sep 15 2017 10:52:10 GMT-0600 (MDT)

To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua"

<jrockwell@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>

Subject: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

Attachments: image001.png

Josh and Mick,

This draw request is for expenses that have been incurred through the 9/1/2017 pay period. There are still outstanding costs for Meeting 3 and 4 that will appear on future draw requests, along with the labor costs needed to process these expenses.

\$9,211.24 for partial Meeting 2 travel for committee members, plus associated costs.

\$12,593.80 for labor and associated costs related to Meeting 3.

\$10,492.81 for partial Meeting 3 travel for committee members, plus associated costs.

\$96,224.15 for labor and associated costs related to planning Meeting 4 with the committee membership, and for staff time spent working on study materials and background research for the meeting.

\$269.54 for other direct costs (copying, postage, conference calls with committee/staff), plus associated costs.

\$128,791.54 TOTAL

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

Draw Down Approval #11

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Sep 20 2017 06:54:17 GMT-0600 (MDT)

To: "Rogers, Nicholas" <NRogers@nas.edu>, Kimberly Harper <kharp@osmre.gov>

CC:

"Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Richardson,

Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>,

Michael Kuhns <mkuhns@osmre.gov>

Subject: Re: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

Attachments: image001.png

Roger,

I have reviewed and approve of your draw request for \$128,791.54. I understand this covers most of the expenses you incurred for both July and August 2017, but that some additional expenses will be forthcoming in a separate draw request to cover the remaining costs of Meeting #4.

Please specify in your next draw request if it covers all of the expenses through the "halt" period issued by OSMRE Acting Director Glenda

Owens on August 18, 2018.

Kimberly — please approve this draw request in ASAP.

Thank you,

Mick

Draw Down Request #12

From: Rogers, Nicholas <NRogers@nas.edu>

Date: Tue, Oct 24, 2017 at 2:44 PM

Subject: RE: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

Cc: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>

Josh and Mick,

This draw request is for expenses that have been incurred through the end of September. There are still outstanding costs for Meeting 4 that will appear on a future draw request, along with the labor costs needed to process these expenses.

\$1,803.67 for labor and associated costs related to Meeting 3 reimbursements.

\$14,799.04 for partial Meeting 3 travel for committee members, plus associated costs.

\$3,751.65 for labor and associated costs related to Meeting 4 reimbursements.

\$11,834.47 for partial Meeting 4 travel for committee members, plus associated costs.

\$1,610.67 for other direct costs (conference calls with committee/staff), plus associated costs.

\$33,799.50 total

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

Draw Down Approval #12

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Wed Nov 01 2017 05:36:22 GMT-0600 (MDT)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

"Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, Sterling

Rideout <srideout@osmre.gov>, "Payne, Harry J." <hpayne@osmre.gov>,

Kimberly Harper <kharper@osmre.gov>, Yetunde Richardson

<yrichardson@osmre.gov>, "Bautista, Jay" <jbautista@osmre.gov>

Subject: Re: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

Attachments: image001.png

Nick:

Your draw down request in the amount of \$33,799.50 is approved.

On October 12th, we were notified that draw down requests related to meeting 4 could take up to 2 months to receive and book. Since the meeting took place the last week in August, can we assume that we will have one more draw down request since the 2 month window has now past? We would like to get all draw down requests for all work completed prior to the "halt", as well as meeting 4, wrapped up as soon as possible. Will this be accomplished with the next draw down request, and do you have an approximate estimate of what the next request will total?

v/r

Josh Rockwell

Mining Engineer/Dam Safety Officer

Office of Surface Mining, Reclamation and Enforcement

Division of Regulatory Support

1849 C. Street, NW, Mail Stop 4550

Washington, DC 20240

(202) 209-2633 work

(410) 456-8042 cell

Draw Down Request #13

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Thu Nov 16 2017 07:16:10 GMT-0700 (MST)

To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Spriggs, Sugi" <SSpriggs@nas.edu>

Subject: NAS Drawdown Request - Nov 2017 - Award No. S16AC20034

Attachments: image001.png

Josh and Mick,

This draw request is for expenses that have been incurred through today, 11/16/17. These are all the outstanding costs for Meeting 4 along with the labor costs needed to process these expenses. This should be the last draw on expenses incurred.

\$576.68 for labor and associated costs related to reimbursements for meeting 4 expenses.

\$13,585.43 for final travel costs for committee members to meeting 4 plus its associated costs.

\$14,162.11 total

Our usual accountant is out of the country and her replacement accidentally requested the final draw before we were able to send this approval. I believe you will have to reject that request as it was not approved by you all before it was sent and there may have been one final small charge missing. I apologize for the mistake.

Kind regards,
Nick

Nicholas D. Rogers
Financial and Research Associate
Board on Earth Sciences and Resources (BESR)
Keck Center, 614
500 Fifth Street N.W.
Washington, DC 20001
PH: (202)334-2208
Twitter: NASEM_Earth

Draw Down Approval #13

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Mon Nov 20 2017 07:26:08 GMT-0700 (MST)

To: "Kuhns, Michael" <mkuhns@osmre.gov>

CC:

Kimberly Harper <kharper@osmre.gov>, Jay Bautista

<jbautista@osmre.gov>, "Richardson, Yetunde"

<yrichardson@osmre.gov>, Harry Payne <hpayne@osmre.gov>

Subject: Re: NAS Drawdown Request - Nov 2017 - Award No. S16AC20034

Attachments: image001.png

Kim:

Mick and I have reviewed the draw down request and have approved the NAS request. You may release funds in the amount of \$14,162.11.

v/r

Josh Rockwell

Mining Engineer/Dam Safety Officer

Office of Surface Mining, Reclamation and Enforcement

Division of Regulatory Support

1849 C. Street, NW, Mail Stop 4550

Washington, DC 20240

(202) 209-2633 work

(410) 456-8042 cell



Norman, Yolande <ynorman@osmre.gov>

re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

4 messages

Bautista, Jay <jbautista@osmre.gov>

Wed, Jul 12, 2017 at 2:30 PM

To: Glenda Owens <gowens@osmre.gov>

Cc: Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>

Hi Glenda,

Yetunde Richardson received a call from Jim Weiner from the Solicitor's Office. He was calling because [REDACTED]

[REDACTED]

While he was appreciative of any guidance that she was able to provide, he was going to continue to look in to this. I am not sure that he is going to call back but she let him know that we inform you that he is looking into it.

Current status of the agreement: OSMRE awarded \$1,003,553 on July 22, 2016. The start date of the agreement is August 1, 2016 and ending July 31, 2018. To date NAS has expended \$251,284.12, about 25% of the award amount. OSMRE has required NAS to submit supporting documentation for every expenditure for approval by staff in the Division of Regulatory Support before releasing funds to them.

Let me know if you have any questions.

Jay Bautista

Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240
(202) 208-7411

 2 CFR 200 subsection 200.339.docx
15K

Yolande Norman <ynorman@osmre.gov>

Wed, Jul 12, 2017 at 2:48 PM

To: Sterling Rideout <srideout@osmre.gov>

Sent from my iPhone

Begin forwarded message:

From: "Bautista, Jay" <jbautista@osmre.gov>**Date:** July 12, 2017 at 12:30:33 PM MDT**To:** Glenda Owens <gowens@osmre.gov>**Cc:** Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>**Subject:** re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

[Quoted text hidden]

2 attachments

2/8/2018

DEPARTMENT OF THE INTERIOR Mail - re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

 **noname.html**
1K

 **2 CFR 200 subsection 200.339.docx**
15K

Yolande Norman <ynorman@osmre.gov>
To: Yetunde Richardson <yrichardson@osmre.gov>
Cc: Jay Bautista <jbautista@osmre.gov>

Thu, Jul 13, 2017 at 10:41 AM

Sent from my iPhone

Begin forwarded message:

From: "Bautista, Jay" <jbautista@osmre.gov>
Date: July 12, 2017 at 12:30:33 PM MDT
To: Glenda Owens <gowens@osmre.gov>
Cc: Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>
Subject: re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

[Quoted text hidden]

2 attachments

 **noname.html**
1K

 **2 CFR 200 subsection 200.339.docx**
15K

Bautista, Jay <jbautista@osmre.gov>
To: Yolande Norman <ynorman@osmre.gov>
Cc: "Richardson, Yetunde" <yrichardson@osmre.gov>

Thu, Aug 10, 2017 at 7:57 AM

Jay Bautista
Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240

(202) 208-7411

----- Forwarded message -----

From: Bautista, Jay <jbautista@osmre.gov>
Date: Wed, Jul 12, 2017 at 2:30 PM
Subject: re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)
To: Glenda Owens <gowens@osmre.gov>
Cc: Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>

[Quoted text hidden]

 **2 CFR 200 subsection 200.339.docx**
15K

Excerpt from the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards. Title 2.

§200.339 Termination.

(a) The Federal award may be terminated in whole or in part as follows:

(1) By the Federal awarding agency or pass-through entity, if a non-Federal entity fails to comply with the terms and conditions of a Federal award;

(2) By the Federal awarding agency or pass-through entity for cause;

(3) By the Federal awarding agency or pass-through entity with the consent of the non-Federal entity, in which case the two parties must agree upon the termination conditions, including the effective date and, in the case of partial termination, the portion to be terminated; or

(4) By the non-Federal entity upon sending to the Federal awarding agency or pass-through entity written notification setting forth the reasons for such termination, the effective date, and, in the case of partial termination, the portion to be terminated. However, if the Federal awarding agency or pass-through entity determines in the case of partial termination that the reduced or modified portion of the Federal award or subaward will not accomplish the purposes for which the Federal award was made, the Federal awarding agency or pass-through entity may terminate the Federal award in its entirety.

(b) When a Federal awarding agency terminates a Federal award prior to the end of the period of performance due to the non-Federal entity's material failure to comply with the Federal award terms and conditions, the Federal awarding agency must report the termination to the OMB-designated integrity and performance system accessible through SAM (currently FAPIIS).

(1) The information required under paragraph (b) of this section is not to be reported to designated integrity and performance system until the non-Federal entity either—

(i) Has exhausted its opportunities to object or challenge the decision, see §200.341 Opportunities to object, hearings and appeals; or

(ii) Has not, within 30 calendar days after being notified of the termination, informed the Federal awarding agency that it intends to appeal the Federal awarding agency's decision to terminate.

(2) If a Federal awarding agency, after entering information into the designated integrity and performance system about a termination, subsequently:

(i) Learns that any of that information is erroneous, the Federal awarding agency must correct the information in the system within three business days;

(ii) Obtains an update to that information that could be helpful to other Federal awarding agencies, the Federal awarding agency is strongly encouraged to amend the information in the system to incorporate the update in a timely way.

(3) Federal awarding agencies, shall not post any information that will be made publicly available in the non-public segment of designated integrity and performance system that is covered by a disclosure exemption under the Freedom of Information Act. If the non-Federal entity asserts within seven calendar days to the Federal awarding agency who posted the information, that some of the information made publicly available is covered by a disclosure exemption under the Freedom of Information Act, the Federal

awarding agency who posted the information must remove the posting within seven calendar days of receiving the assertion. Prior to reposting the releasable information, the Federal agency must resolve the issue in accordance with the agency's Freedom of Information Act procedures.

(c) When a Federal award is terminated or partially terminated, both the Federal awarding agency or pass-through entity and the non-Federal entity remain responsible for compliance with the requirements in §§200.343 Closeout and 200.344 Post-closeout adjustments and continuing responsibilities.

[78 FR 78608, Dec. 26, 2013, as amended at 80 FR 43309, July 22, 2015]



Norman, Yolande <ynorman@osmre.gov>

re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

4 messages

Bautista, Jay <jbautista@osmre.gov>

Wed, Jul 12, 2017 at 2:30 PM

To: Glenda Owens <gowens@osmre.gov>

Cc: Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>

Hi Glenda,

Yetunde Richardson received a call from Jim Weiner from the Solicitor's Office. He was calling because [REDACTED]

While he was appreciative of any guidance that she was able to provide, he was going to continue to look in to this. I am not sure that he is going to call back but she let him know that we inform you that he is looking into it.

Current status of the agreement: OSMRE awarded \$1,003,553 on July 22, 2016. The start date of the agreement is August 1, 2016 and ending July 31, 2018. To date NAS has expended \$251,284.12, about 25% of the award amount. OSMRE has required NAS to submit supporting documentation for every expenditure for approval by staff in the Division of Regulatory Support before releasing funds to them.

Let me know if you have any questions.

Jay Bautista

Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240
(202) 208-7411

2 CFR 200 subsection 200.339.docx
15K**Yolande Norman** <ynorman@osmre.gov>

Wed, Jul 12, 2017 at 2:48 PM

To: Sterling Rideout <srideout@osmre.gov>

Sent from my iPhone

Begin forwarded message:

From: "Bautista, Jay" <jbautista@osmre.gov>**Date:** July 12, 2017 at 12:30:33 PM MDT**To:** Glenda Owens <gowens@osmre.gov>**Cc:** Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>**Subject:** re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

[Quoted text hidden]

2 attachments

Excerpt from the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards. Title 2.

§200.339 Termination.

(a) The Federal award may be terminated in whole or in part as follows:

(1) By the Federal awarding agency or pass-through entity, if a non-Federal entity fails to comply with the terms and conditions of a Federal award;

(2) By the Federal awarding agency or pass-through entity for cause;

(3) By the Federal awarding agency or pass-through entity with the consent of the non-Federal entity, in which case the two parties must agree upon the termination conditions, including the effective date and, in the case of partial termination, the portion to be terminated; or

(4) By the non-Federal entity upon sending to the Federal awarding agency or pass-through entity written notification setting forth the reasons for such termination, the effective date, and, in the case of partial termination, the portion to be terminated. However, if the Federal awarding agency or pass-through entity determines in the case of partial termination that the reduced or modified portion of the Federal award or subaward will not accomplish the purposes for which the Federal award was made, the Federal awarding agency or pass-through entity may terminate the Federal award in its entirety.

(b) When a Federal awarding agency terminates a Federal award prior to the end of the period of performance due to the non-Federal entity's material failure to comply with the Federal award terms and conditions, the Federal awarding agency must report the termination to the OMB-designated integrity and performance system accessible through SAM (currently FAPIIS).

(1) The information required under paragraph (b) of this section is not to be reported to designated integrity and performance system until the non-Federal entity either—

(i) Has exhausted its opportunities to object or challenge the decision, see §200.341 Opportunities to object, hearings and appeals; or

(ii) Has not, within 30 calendar days after being notified of the termination, informed the Federal awarding agency that it intends to appeal the Federal awarding agency's decision to terminate.

(2) If a Federal awarding agency, after entering information into the designated integrity and performance system about a termination, subsequently:

(i) Learns that any of that information is erroneous, the Federal awarding agency must correct the information in the system within three business days;

(ii) Obtains an update to that information that could be helpful to other Federal awarding agencies, the Federal awarding agency is strongly encouraged to amend the information in the system to incorporate the update in a timely way.

(3) Federal awarding agencies, shall not post any information that will be made publicly available in the non-public segment of designated integrity and performance system that is covered by a disclosure exemption under the Freedom of Information Act. If the non-Federal entity asserts within seven calendar days to the Federal awarding agency who posted the information, that some of the information made publicly available is covered by a disclosure exemption under the Freedom of Information Act, the Federal



Norman, Yolande <ynorman@osmre.gov>

Fwd: Grants and Cooperative Agreements

1 message

Richardson, Yetunde <yrichardson@osmre.gov>
To: Yolande Norman <ynorman@osmre.gov>

Thu, Aug 10, 2017 at 6:45 AM

----- Forwarded message -----

From: **Davis, Landon** <landon_davis@ios.doi.gov>
Date: Wed, Aug 9, 2017 at 5:23 PM
Subject: Grants and Cooperative Agreements
To: Glenda Owens <gowens@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, Sterling Rideout <srideout@osmre.gov>
Cc: Katharine Macgregor <katharine_macgregor@ios.doi.gov>, Joshua Campbell <joshua.campbell@sol.doi.gov>

Hi Glenda--

As you know, the Secretary has ordered a department-wide freeze or hold on all activity involving grants and or cooperative agreements over \$100,000. This order was given several months ago. The purpose for this directive is to allow the new administration to conduct a review of these same projects to assess their relationship with DOI. The NAS in grant/cooperative agreement #S16AC20034 was awarded over \$1 Million effective 8/4/16, with the projected completion date 7/31/18 with NAS having to make approved draw-downs on this award. This award was made under the authority of SMCRA.

Apparently, NAS has approximately \$900,000 of this award that has not spent. You have told Kate and myself that you would look into the status of this cooperative agreement. As you are aware, OSMRE is facing budgetary strains and we are trying find ways to best steward our limited resources and comply with pre-existing secretarial orders. Importantly, DOI issued a hold order on this grant months ago, as described above. This would include NAS' contracting with third parties. We, however, have seen NAS continue to conduct meetings and other activities involving this grant. They appear to have not complied with the order.

Please confirm that you have instructed NAS to comply with the department-wide hold order by replying to all CC'd on this message.

Thanks!
Tucker

--
Tucker Davis
Department of the Interior
202.706.9403

--
Best Regards,

Yetunde E. Richardson
Grants Management Specialist
Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1951 Constitution Avenue N.W. #125
Washington, D.C. 20240
Phone: (202) 208-2766 Fax: (202) 219-0239



Norman, Yolande <ynorman@osmre.gov>

Halt Letter to NAS**Owens, Glenda** <gowens@osmre.gov>

Fri, Aug 18, 2017 at 3:03 PM

To: "Norman, Yolande" <ynorman@osmre.gov>

Cc: "Rideout, Sterling" <srideout@osmre.gov>, Harry Payne <hpayne@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>

Yolande,

Thanks for providing this draft letter, however, the attorney from the Solicitor's Office who sat in on the call I had with Elizabeth Eide is drafting the letter based on our conversation with her. I'll be signing the letter. I am expecting him to send the letter over in draft later this afternoon for my review. Elizabeth gave me the name of two individuals, one of them was her direct supervisor, to whom we should send the letter. I'll let you know when I receive it.

Thanks,
Glenda

[Quoted text hidden]

--
Glenda H. Owens
Deputy Director
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
(O) 202-208-4006
(F) 202-219-3106
gowens@osmre.gov



Norman, Yolande <ynorman@osmre.gov>

re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

4 messages

Bautista, Jay <jbautista@osmre.gov>

To: Glenda Owens <gowens@osmre.gov>

Wed, Jul 12, 2017 at 2:30 PM

Cc: Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>

Hi Glenda,

Yetunde Richardson received a call from Jim Weiner from the Solicitor's Office. He was calling to

[REDACTED]

While he was appreciative of any guidance that she was able to provide, he was going to continue to look in to this. I am not sure that he is going to call back but she let him know that we inform you that he is looking into it.

Current status of the agreement: OSMRE awarded \$1,003,553 on July 22, 2016. The start date of the agreement is August 1, 2016 and ending July 31, 2018. To date NAS has expended \$251,284.12, about 25% of the award amount. OSMRE has required NAS to submit supporting documentation for every expenditure for approval by staff in the Division of Regulatory Support before releasing funds to them.

Let me know if you have any questions.

Jay Bautista

Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240
(202) 208-7411

2 CFR 200 subsection 200.339.docx
15K

Yolande Norman <ynorman@osmre.gov>

To: Sterling Rideout <srideout@osmre.gov>

Wed, Jul 12, 2017 at 2:48 PM

Sent from my iPhone

Begin forwarded message:

From: "Bautista, Jay" <jbautista@osmre.gov>**Date:** July 12, 2017 at 12:30:33 PM MDT**To:** Glenda Owens <gowens@osmre.gov>**Cc:** Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>**Subject:** re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

[Quoted text hidden]

2 attachments

2/8/2018

DEPARTMENT OF THE INTERIOR Mail - re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

 **noname.html**
1K

 **2 CFR 200 subsection 200.339.docx**
15K

Yolande Norman <ynorman@osmre.gov>
To: Yetunde Richardson <yrichardson@osmre.gov>
Cc: Jay Bautista <jbautista@osmre.gov>

Thu, Jul 13, 2017 at 10:41 AM

Sent from my iPhone

Begin forwarded message:

From: "Bautista, Jay" <jbautista@osmre.gov>
Date: July 12, 2017 at 12:30:33 PM MDT
To: Glenda Owens <gowens@osmre.gov>
Cc: Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>
Subject: re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

[Quoted text hidden]

2 attachments

 **noname.html**
1K

 **2 CFR 200 subsection 200.339.docx**
15K

Bautista, Jay <jbautista@osmre.gov>
To: Yolande Norman <ynorman@osmre.gov>
Cc: "Richardson, Yetunde" <yrichardson@osmre.gov>

Thu, Aug 10, 2017 at 7:57 AM


Jay Bautista
Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240

(202) 208-7411

----- Forwarded message -----

From: Bautista, Jay <jbautista@osmre.gov>
Date: Wed, Jul 12, 2017 at 2:30 PM
Subject: re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)
To: Glenda Owens <gowens@osmre.gov>
Cc: Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>

[Quoted text hidden]

 **2 CFR 200 subsection 200.339.docx**
15K

Excerpt from the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards. Title 2.

§200.339 Termination.

(a) The Federal award may be terminated in whole or in part as follows:

(1) By the Federal awarding agency or pass-through entity, if a non-Federal entity fails to comply with the terms and conditions of a Federal award;

(2) By the Federal awarding agency or pass-through entity for cause;

(3) By the Federal awarding agency or pass-through entity with the consent of the non-Federal entity, in which case the two parties must agree upon the termination conditions, including the effective date and, in the case of partial termination, the portion to be terminated; or

(4) By the non-Federal entity upon sending to the Federal awarding agency or pass-through entity written notification setting forth the reasons for such termination, the effective date, and, in the case of partial termination, the portion to be terminated. However, if the Federal awarding agency or pass-through entity determines in the case of partial termination that the reduced or modified portion of the Federal award or subaward will not accomplish the purposes for which the Federal award was made, the Federal awarding agency or pass-through entity may terminate the Federal award in its entirety.

(b) When a Federal awarding agency terminates a Federal award prior to the end of the period of performance due to the non-Federal entity's material failure to comply with the Federal award terms and conditions, the Federal awarding agency must report the termination to the OMB-designated integrity and performance system accessible through SAM (currently FAPIIS).

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awarding agency who posted the information must remove the posting within seven calendar days of receiving the assertion. Prior to reposting the releasable information, the Federal agency must resolve the issue in accordance with the agency's Freedom of Information Act procedures.

(c) When a Federal award is terminated or partially terminated, both the Federal awarding agency or pass-through entity and the non-Federal entity remain responsible for compliance with the requirements in §§200.343 Closeout and 200.344 Post-closeout adjustments and continuing responsibilities.

[78 FR 78608, Dec. 26, 2013, as amended at 80 FR 43309, July 22, 2015]



Norman, Yolande <ynorman@osmre.gov>

re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

4 messages

Bautista, Jay <jbautista@osmre.gov>

Wed, Jul 12, 2017 at 2:30 PM

To: Glenda Owens <gowens@osmre.gov>

Cc: Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>

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Let me know if you have any questions.

Jay Bautista

Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240
(202) 208-7411

 2 CFR 200 subsection 200.339.docx
15K

Yolande Norman <ynorman@osmre.gov>

Wed, Jul 12, 2017 at 2:48 PM

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Sent from my iPhone

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[Quoted text hidden]

2 attachments

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Norman, Yolande <ynorman@osmre.gov>

Fwd: Grants and Cooperative Agreements

1 message

Richardson, Yetunde <yrichardson@osmre.gov>
To: Yolande Norman <ynorman@osmre.gov>

Thu, Aug 10, 2017 at 6:45 AM

----- Forwarded message -----

From: Davis, Landon <landon_davis@ios.doi.gov>
Date: Wed, Aug 9, 2017 at 5:23 PM
Subject: Grants and Cooperative Agreements
To: Glenda Owens <gowens@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, Sterling Rideout <srideout@osmre.gov>
Cc: Katharine Macgregor <katharine_macgregor@ios.doi.gov>, Joshua Campbell <joshua.campbell@sol.doi.gov>

Hi Glenda--

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Please confirm that you have instructed NAS to comply with the department-wide hold order by replying to all CC'd on this message.

Thanks!
Tucker

--
Tucker Davis
Department of the Interior
202.706.9403

--

Best Regards,

Yetunde E. Richardson
Grants Management Specialist
Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1951 Constitution Avenue N.W. #125
Washington, D.C. 20240
Phone: (202) 208-2766 Fax: (202) 219-0239



Norman, Yolande <ynorman@osmre.gov>

Fwd: NAS Study Halt - Cooperative Agreement No. S16AC20034

1 message

Owens, Glenda <gowens@osmre.gov>

Fri, Aug 18, 2017 at 5:48 PM

To: Sterling Rideout <srideout@osmre.gov>, Harry Payne <hpayne@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

FYI

----- Forwarded message -----

From: **Owens, Glenda** <gowens@osmre.gov>

Date: Fri, Aug 18, 2017 at 5:42 PM

Subject: NAS Study Halt - Cooperative Agreement No. S16AC20034

To: "Eide, Elizabeth" <EEide@nas.edu>

Cc: gsymmes@nas.edu, ddenning@nas.edu, "Campbell, Joshua" <joshua.campbell@sol.doi.gov>

Dear Dr. Eide,

Attached is a letter memorializing our conversation earlier today regarding our request that you halt all activities under the subject Cooperative Agreement, effective immediately.

Please feel free to contact me if you have any additional questions.

Sincerely,
Glenda Owens

--
Glenda H. Owens
Deputy Director
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
(O) 202-208-4006
(F) 202-219-3106
gowens@osmre.gov

NAS Study Halt Letter - 8-18-17 (1).pdf
42K



United States Department of the Interior

OFFICE OF SURFACE MINING
RECLAMATION AND ENFORCEMENT
Washington, D.C. 20240



August 18, 2017

Sent via Email and Regular U.S. Mail

Elizabeth A. Eide, Ph.D.
Senior Board Director
Board on Earth Sciences and Resources
Water Science and Technology Board
The National Academies of Sciences, Engineering, and Medicine
500 Fifth St., NW
Washington, DC 20001
EEide@nas.edu

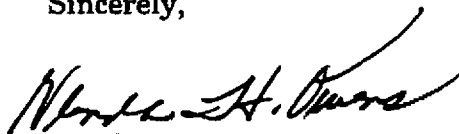
Dear Dr. Eide:

It was a pleasure speaking with you earlier today, and thank you for being available to take our call and email us the additional contact information. As discussed, the Department of the Interior has begun an agency-wide review of its grants and cooperative agreements in excess of \$100,000, largely as a result of our changing budget situation. Thank you for agreeing to cease all activities under Cooperative Agreement number S16AC20034, effective immediately, and until further notice. This immediate cessation includes any third party activities and/or contracting as well.

As discussed, NAS has already scheduled, and funds have been obligated to specific vendors for, an event ranging from August 21 - 23, 2017. Because we do not expect these expenses to be excessive, this three day event may proceed as planned as an exception to this direction. As we further discussed, any later-resulting staff expenses associated with processing reimbursements related to the work occurring during those same three days, which we expect to be relatively minimal, e.g., travel reimbursements, also may be incurred.

Please feel free to call us with any additional questions you may have about this direction as we are performing our review.

Sincerely,

A handwritten signature in black ink, appearing to read "Glenda H. Owens", with a stylized, flowing script.

Glenda H. Owens
Acting Director

cc: Dr. Gregory Symmes, gsymmes@nas.edu
Mr. Douglas Denning, ddenning@nas.edu

Grant and Cooperative Agreement

CHOOSE ONE:

- ☒ COOPERATIVE AGREEMENT
- ☐ GRANT

CHOOSE ONE:

☐ EDUCATION☐ FACILITIES☐ RESEARCH☐ SDCR☐ TRAINING

1. GRANT/COOPERATIVE AGREEMENT NUMBER S16AC20034		2. SUPPLEMENT NUMBER 0001		3. EFFECTIVE DATE 08/04/2016		4. COMPLETION DATE 07/31/2018	
5. ISSUED TO NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip) NATIONAL ACADEMY OF SCIENCES Attn: ATTN GOVERNMENT POC 2101 CONSTITUTION AVE NW WASHINGTON DC 20418-0007				6. ISSUED BY OSM FA Program Support, Washington Mailing Address: 1951 Constitution Ave NW Washington DC 20240-0001			
7. TAXPAYER IDENTIFICATION NO. (TIN)				9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone) Douglas Denning 202-334-1422, ddenning@nas.edu			
8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO.							
10. RESEARCH, PROJECT OR PROGRAM TITLE FA DC FY2016 AS							
11. PURPOSE 15.255 Applied Science Program Cooperative Agreements Related to Coal Mining and Reclamation							
12. PERIOD OF PERFORMANCE (Approximately) 08/01/2016 through 07/31/2018							
13A.		AWARD HISTORY		13B.		FUNDING HISTORY	
PREVIOUS		\$1,003,553.00		PREVIOUS		\$1,003,553.00	
THIS ACTION		\$0.00		THIS ACTION		\$0.00	
CASH SHARE		\$0.00		TOTAL		\$1,003,553.00	
NON-CASH SHARE		\$0.00					
RECIPIENT SHARE		\$0.00					
TOTAL		\$1,003,553.00					
14. ACCOUNTING AND APPROPRIATION DATA							
PURCHASE REQUEST NO.		JOB ORDER NO.		AMOUNT		STATUS	
15. POINTS OF CONTACT							
	NAME	MAIL STOP	TELEPHONE	E-MAIL ADDRESS			
TECHNICAL OFFICER	Joshua Rockwell		202-208-2633	jrockwell@osmre.gov			
NEGOTIATOR							
ADMINISTRATOR	Yetunde Richardson		(202) 208-2766	yrichardson@osmre.gov			
PAYMENTS							
16. THIS AWARD IS MADE UNDER THE AUTHORITY OF: The Surface Mining Control and Reclamation Act of 1977 (P.L. 95-87) as amended							
17. APPLICABLE STATEMENT(S), IF CHECKED: <input type="checkbox"/> NO CHANGE IS MADE TO EXISTING PROVISIONS <input type="checkbox"/> FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC REQUIREMENTS APPLY TO THIS GRANT				18. APPLICABLE ENCLOSURE(S), IF CHECKED: <input type="checkbox"/> PROVISIONS <input type="checkbox"/> SPECIAL CONDITIONS <input type="checkbox"/> REQUIRED PUBLICATIONS AND REPORTS			
UNITED STATES OF AMERICA				COOPERATIVE AGREEMENT RECIPIENT			
CONTRACTING/GRANT OFFICER Yetunde Richardson		DATE 08/04/2016		AUTHORIZED REPRESENTATIVE		DATE	

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>CFDA Number: 15.255</p> <p>DUNS Number: 041964057</p> <p>The following are incorporated into this agreement by reference:</p> <ol style="list-style-type: none"> 1. Your complete application for this assistance agreement, including amendments to the application. 2. The Surface Mining Control and Reclamation Act of 1977 (P.L. 95-87) as amended. 3. OSMRE's Federal Assistance Manual, directive GMT-10. 4. The standard Department of Interior Financial Assistance terms and conditions for this award are incorporated herein by reference with the same force and effect as if in full text. The full text can be found at: http://www.doi.gov/pam/programs/financial_assistance/TermsandConditions.cfm or can be obtained by contacting the Financial Assistance Administrator. 5. Recipient Employee Whistleblower Rights and Requirement to Inform Employees of Whistleblower Rights (Sep 2013) <p>(a) This award and employees working on this financial assistance agreement will be subject to the whistleblower rights and remedies in the pilot program on Award Recipient employee whistleblower protections established at 41 U.S.C. 4712 by section 828 of the National Defense Authorization Act for Fiscal Year 2013 (Pub. L. 112-239).</p> <p>(b) The Award Recipient shall inform its</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>employees in writing, in the predominant language of the workforce, of the employee whistleblower rights and protections under 41 U.S.C. 4712.</p> <p>(c) The Award Recipient shall insert the substance of this clause, including this paragraph (c), in all subawards or subcontracts over the simplified acquisition threshold. 42 CFR 52.203-17 (as referenced in 42 CFR 3.908-9).</p> <p>6. In accordance with Chapter 3-120 of the Federal Assistance Manual, you must obtain our approval before you provide financial assistance to a third party by subgrant or other means. Once we have given our approval, you must update the Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS), accordingly.</p> <p>7. The Recipient must establish safeguards to prohibit its employees and Subrecipients from using their positions for purposes that constitute or present the appearance of a personal or organizational conflict of interest. The Recipient is responsible for notifying the grants officer in writing of any actual or potential conflicts of interest that may arise during the life of this award. Conflicts of interest include any relationship or matter, which might place the Recipient or its employees in a position of conflict, real or apparent, between their responsibilities under the agreement and any other outside interests. Conflicts of interest may also include, but are not limited to, direct or indirect financial interests, close personal relationship, positions of trust in outside organizations, consideration of future employment arrangements with a</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>different organization, or making a decision affecting the award that a reasonable person with knowledge of the relevant facts would question the Recipient and/or Recipients employees and Subrecipients impartiality in the matter.</p> <p>The grants officer and the servicing ethics counselor will determine if a conflict of interest exists. If a conflict of interest exists, the grants officer will determine whether a mitigation plan is feasible. Mitigation plans must be approved by the grants officer in writing. Failure to resolve conflicts of interest in a manner that satisfies the government may be cause for termination of the award.</p> <p>With certain exceptions found in Chapter 2-260 of the Federal Assistance Manual, you must keep these records for three years starting on the day you send us your final expenditure report to close the assistance agreement.</p> <p>This agreement takes effect at the time of approval by the Director of OSMRE or his authorized delegate. The recipient accepts the agreement including the terms and conditions by starting work or making its first request for Federal funds approved under this agreement.</p> <p>OSMRE INVOLVEMENT (Substantial Federal Involvement)</p> <p>We reserve the option to halt any portion of or the entire project immediately if warranted. Examples include if project protocols or specifications are not followed or met. We will also closely monitor performance to provide Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>specific direction or redirection of the project work. Our involvement may be modified if mutually agreed upon by both parties.</p> <p>LIST OF DELIVERABLES</p> <p>Potential Human Health of Surface Coal Mine Operations in Central Appalachia</p> <p>OSMRE Deliverables</p> <ol style="list-style-type: none"> OSMRE Office of Communications will coordinate with NAS Public Affairs to provide media releases and announce other information to stakeholders of this project. Attend open meetings and briefings as necessary. Review and accept quarterly reports submitted by NAS. Review and approve each financial drawdown requested by NAS. Disseminate hard-copy books of the final report to government offices and other stakeholders. <p>National Academies of Sciences Deliverables</p> <ol style="list-style-type: none"> NAS Public Affairs will coordinate with OSMRE Office of Communications to provide media releases and announce other information to stakeholders of this project. Announce committee members, a brief description of the project, and other information <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>to afford the public greater knowledge of this project and an opportunity to provide comments.</p> <p>3. Prepare and submit a quarterly financial (SF-425) and programmatic report within 30 days of the end of each calendar quarter as outlined in 2 CFR 200.327 and 2 CFR 200.328. Calendar quarters are as follows: September 30, December 31, March 31, and June 30. (For example, the first quarter would cover the partial quarter ending on September 30, 2016 and the corresponding quarterly report must be submitted to OSMRE by October 30, 2016)</p> <p>4. Coordinate and administer four open meetings to gather stakeholder input</p> <p>5. Conduct five closed session meetings for deliberation and report writing</p> <p>6. Prepare and deliver a prepublication report to OSMRE within 18 months of study initiation</p> <p>7. Submit advance copies (under embargo) of the prepublication report to OSMRE and interested members of Congress several days in advance of the public release</p> <p>8. Conduct separate pre-release briefings about the preliminary report to both OSMRE and interested members of Congress (ideally on the same day) during the embargo period</p> <p>9. Prepare and release the preliminary report of findings to OSMRE and the public.</p> <p>16. Make the preliminary report available free on publishers website.</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>10. Coordinate and administer a public briefing in West Virginia following the public release of the preliminary report</p> <p>11. Prepare and submit 400 hard-copy books of the final report within six months after the release of the prepublication draft of the report, along with a non-technical summary of the report for public education purposes. Make the report available free on publishers website.</p> <p>OSMRE PRE-APPROVAL OF DRAWDOWNS</p> <p>1. Funds awarded in this cooperative agreement are subject to OSMRE review and pre-approval prior to disbursement. Supporting documentation must be submitted to us, upon request.</p> <p>Legacy Doc #: OSM</p> <p>LIST OF CHANGES:</p> <p>Total Amount for this Modification: \$0.00</p> <p>New Total Amount for this Version: \$0.00</p> <p>New Total Amount for this Award: \$1,003,553.00</p> <p>Revised Cooperative Agreement Terms and Conditions</p> <p>Section A: Clause, 1, is incorporated as follows:</p> <p>1 Standard DOI FA Terms and Conditions</p> <p>1 Standard DOI FA Terms and Conditions.</p> <p>Assistance award from the Department of the Interior (DOI) carries with it the responsibility to be aware of and comply with the terms and conditions of award. Acceptance is defined as the start of work, drawing down funds, or accepting the award via electronic means. Awards are based on the application submitted to, and as approved by DOI and are subject to the terms and</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>conditions incorporated either directly or by reference in the following:</p> <p>Program legislation\regulation.</p> <p>Special terms and conditions.</p> <p>Code of Federal Regulations/Regulatory Requirements, as applicable (Contact your program officer with any questions regarding the applicability of the following):</p> <p>2 CFR Part 25 Central Contractor Registration and Data Universal Numbering System</p> <p>2 CFR Part 170 Reporting Subawards and Executive Compensation</p> <p>2 CFR Part 1400 Governmentwide Debarment and Suspension (Nonprocurement)</p> <p>2 CFR Part 175 Trafficking Victims Protection Act of 2000</p> <p>43 CFR 12(A) Administrative and Audit Requirements and Cost Principles for Assistance Programs</p> <p>43 CFR 12(E) Buy American Requirements for Assistance Programs</p> <p>43 CFR 12(C) Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local</p> <p>43 CFR 12(F) Uniform Administrative Requirements for Grants and Cooperative Agreements with Institutions of Higher Education, Hospitals, other Non-Profit and Commercial Organizations</p> <p>43 CFR 43 Governmentwide Requirements for a Drug-Free Workplace</p> <p>43 CFR 18 New Restrictions on Lobbying</p> <p>Period of Performance: 08/01/2016 to 07/31/2018</p> <p>ADMIN CHANGE OF TERMS</p>				

Grant and Cooperative Agreement

CHOOSE ONE:

- ☐ COOPERATIVE AGREEMENT
- ☒ GRANT

CHOOSE ONE:

☐ EDUCATION☐ FACILITIES☒ RESEARCH☐ SDCR☐ TRAINING

1. GRANT/COOPERATIVE AGREEMENT NUMBER S16AC20034		2. SUPPLEMENT NUMBER		3. EFFECTIVE DATE 08/01/2016		4. COMPLETION DATE 07/31/2018	
5. ISSUED TO NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip) NATIONAL ACADEMY OF SCIENCES Attn: ATTN GOVERNMENT POC 2101 CONSTITUTION AVE NW WASHINGTON DC 20418-0007				6. ISSUED BY OSM FA Program Support, Washington Mailing Address: 1951 Constitution Ave NW Washington DC 20240-0001			
7. TAXPAYER IDENTIFICATION NO. (TIN)				9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone) Douglas Denning 202-334-1422, ddenning@nas.edu			
8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO.							
10. RESEARCH, PROJECT OR PROGRAM TITLE FA, DC FY2016, AS							
11. PURPOSE Applied Science							
12. PERIOD OF PERFORMANCE (Approximately) 08/01/2016 through 07/31/2018							
13A.		AWARD HISTORY		13B.		FUNDING HISTORY	
PREVIOUS		\$0.00		PREVIOUS		\$0.00	
THIS ACTION		\$1,003,553.00		THIS ACTION		\$1,003,553.00	
CASH SHARE		\$0.00		TOTAL		\$1,003,553.00	
NON-CASH SHARE		\$0.00					
RECIPIENT SHARE		\$0.00					
TOTAL		\$1,003,553.00					
14. ACCOUNTING AND APPROPRIATION DATA 01							
PURCHASE REQUEST NO.		JOB ORDER NO.		AMOUNT		STATUS	
0020107378							
15. POINTS OF CONTACT							
	NAME	MAIL STOP	TELEPHONE	E-MAIL ADDRESS			
TECHNICAL OFFICER	Joshua Rockwell		202-208-2633	jrockwell@osmre.gov			
NEGOTIATOR							
ADMINISTRATOR	Yetunde Richardson		(202) 208-2766	yrichardson@osmre.gov			
PAYMENTS							
16. THIS AWARD IS MADE UNDER THE AUTHORITY OF: The Surface Mining Control and Reclamation Act of 1977 (P.L. 95-87) as amended							
17. APPLICABLE STATEMENT(S), IF CHECKED: <input type="checkbox"/> NO CHANGE IS MADE TO EXISTING PROVISIONS <input type="checkbox"/> FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC REQUIREMENTS APPLY TO THIS GRANT				18. APPLICABLE ENCLOSURE(S), IF CHECKED: <input type="checkbox"/> PROVISIONS <input type="checkbox"/> SPECIAL CONDITIONS <input type="checkbox"/> REQUIRED PUBLICATIONS AND REPORTS			
UNITED STATES OF AMERICA				COOPERATIVE AGREEMENT RECIPIENT			
CONTRACTING/GRANT OFFICER Yetunde Richardson		DATE		AUTHORIZED REPRESENTATIVE		DATE	

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>CFDA Number: 15.255</p> <p>DUNS Number: 041964057</p> <p>The following are incorporated into this agreement by reference:</p> <ol style="list-style-type: none"> 1. Your complete application for this assistance agreement, including amendments to the application 2. The Surface Mining Control and Reclamation Act of 1977 (P.L. 95-87) as amended 3. OSM grant regulations (Code of Federal Regulations: 30 CFR Chapter VII, Parts 725, 735, 795, 870-887) 4. Your approved regulatory and/or reclamation program as listed in 30 CFR Chapter VII, Subchapter T. 5. OSM's Federal Assistance Manual, directive GMT-10 6. The standard Department of Interior Financial Assistance terms and conditions for this award are incorporated herein by reference with the same force and effect as if in full text. The full text can be found at: http://www.doi.gov/pam/programs/financial_assistance/TermsandConditions.cfm or can be obtained by contacting the Financial Assistance Administrator. 7. Recipient Employee Whistleblower Rights and Requirement to Inform Employees of Whistleblower Rights (Sep 2013) <p>(a) This award and employees working on this financial assistance agreement will be subject to the whistleblower rights and remedies in the pilot program on Award Recipient employee whistleblower protections established at 41 U.S.C. 4712 by section 828 of the National Defense Authorization Act for Fiscal Year 2013 (Pub. L. 112-239).</p> <p>(b) The Award Recipient shall inform its employees in writing, in the predominant language</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>of the workforce, of the employee whistleblower rights and protections under 41 U.S.C. 4712.</p> <p>(c) The Award Recipient shall insert the substance of this clause, including this paragraph (c), in all subawards or subcontracts over the simplified acquisition threshold. 42 CFR Â\$ 52.203-17 (as referenced in 42 CFR Â\$ 3.908-9).</p> <p>8. In accordance with Chapter 3-120 of the Federal Assistance Manual, you must obtain our approval before you provide financial assistance to a third party by subgrant or other means. Once we have given our approval, you must update the Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS), accordingly.</p> <p>9. The Recipient must establish safeguards to prohibit its employees and Subrecipients from using their positions for purposes that constitute or present the appearance of a personal or organizational conflict of interest. The Recipient is responsible for notifying the grants officer in writing of any actual or potential conflicts of interest that may arise during the life of this award. Conflicts of interest include any relationship or matter which might place the Recipient or its employees in a position of conflict, real or apparent, between their responsibilities under the agreement and any other outside interests. Conflicts of interest may also include, but are not limited to, direct or indirect financial interests, close personal relationship, positions of trust in outside organizations, consideration of future employment arrangements with a different organization, or making a decision affecting the award that a reasonable person with knowledge of the relevant facts would question the Recipient</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

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	<p>and/or Recipients employees and Subrecipients impartiality in the matter.</p> <p>The grants officer and the servicing ethics counselor will determine if a conflict of interest exists. If a conflict of interest exists, the grants officer will determine whether a mitigation plan is feasible. Mitigation plans must be approved by the grants officer in writing. Failure to resolve conflicts of interest in a manner that satisfies the government may be cause for termination of the award.</p> <p>With certain exceptions found in Chapter 2-260 of the Federal Assistance Manual, you must keep these records for three years starting on the day you send us your final expenditure report to close the assistance agreement.</p> <p>This agreement takes effect at the time of approval by the Director of OSM or his authorized delegate. The recipient accepts the agreement including the terms and conditions by starting work or making its first request for Federal funds approved under this agreement.</p> <p>OSMRE INVOLVEMENT (substantial federal involvement)</p> <p>We reserve the option to halt any portion of or the entire project immediately if warranted.</p> <p>Examples include if project protocols or specifications are not followed or met.</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>We will also closely monitor performance to provide specific direction or redirection of the project work.</p> <p>Our involvement may be modified if mutually agreed upon by both parties.</p> <p>LIST OF DELIVERABLES</p> <p>(Potential Human Health of Surface Coal Mine Operations in Central Appalachia)</p> <p>OSMRE Deliverables</p> <ul style="list-style-type: none"> • OSMRE Office of Communications will coordinate with NAS Public Affairs to provide media releases and announce other information to stakeholders of this project • Attend open meetings and briefings as necessary • Review and accept quarterly reports submitted by NAS • Review and approve each financial drawdown requested by NAS • Review preliminary report and promptly notify NAS of any comments unrelated to the overall findings of the committee • Disseminate hard-copy books of the final report to government offices and other stakeholders <p>National Academies of Sciences Deliverables</p> <ul style="list-style-type: none"> • NAS Public Affairs will coordinate with OSMRE Office of Communications to provide media <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>releases and announce other information to stakeholders of this project</p> <p>â€¢ Announce committee members, a brief description of the project, and other information to afford the public greater knowledge of this project and an opportunity to provide comments</p> <p>â€¢ Prepare and submit a quarterly financial (SF-425) and programmatic report within 30 days of the end of each calendar quarter as outlined in 2 CFR Â§ 200.327 and 2 CFR Â§ 200.328. Calendar quarters are as follows: September 30, December 31, March 31, and June 30. (For example, the first quarter would cover the partial quarter ending on September 30, 2016 and the corresponding quarterly report must be submitted to OSMRE by October 30, 2016)</p> <p>â€¢ Coordinate and administer four open meetings to gather stakeholder input</p> <p>â€¢ Conduct five closed session meetings for deliberation and report writing</p> <p>â€¢ Prepare and deliver a prepublication report to OSMRE within 18 months of study initiation</p> <p>â€¢ Submit advance copies (under embargo) of the prepublication report to OSMRE and interested members of Congress several days in advance of the public release</p> <p>â€¢ Conduct separate pre-release briefings about the preliminary report to both OSMRE and interested members of Congress (ideally on the same day) during the embargo period</p> <p>â€¢ Prepare and release the preliminary report of findings to OSMRE and the public. Make the preliminary report available for free on publisher's website</p> <p>â€¢ Coordinate and administer a public briefing in West Virginia following the public release of the preliminary report</p> <p>â€¢ Prepare and submit 400 hard-copy books of the Continued ...</p>				

Grant and Cooperative Agreement

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				UNIT PRICE (E)	AMOUNT (F)
	<p>final report within six months after the release of the prepublication draft of the report, along with a non-technical summary of the report for public education purposes. Make the report available for free on publisher's website.</p> <p>OSMRE PRE-APPROVAL OF DRAWDOWNS</p> <p>Funds awarded in this cooperative agreement are subject to OSMRE review and pre-approval prior to disbursement. Supporting documentation must be submitted to us, upon requested.</p> <p>Legacy Doc #: OSM</p> <p>Delivery: 07/31/2018</p> <p>Delivery Location Code: 0003820475</p> <p>OSM, Headquarters</p> <p>1951 Constitution Ave, NW</p> <p>Washington DC 20240 US</p> <p>Account Assignment: K G/L Account: 6100.411C0</p> <p>Business Area: S000 Commitment Item: 411C00 Cost Center: SS03700000 Functional Area: S1T1T0000.1T4610 Fund: 156S180110 Fund Center: SS03700000 Project/WBS: SX.461 PR Acct Assign Line: 01</p> <p>Period of Performance: 08/01/2016 to 07/31/2018</p>				
00010	<p>FA DC FY 2016 AS NAS</p> <p>Obligated Amount: \$1,003,553.00</p> <p>The total amount of award: \$1,003,553.00. The obligation for this award is \$1,003,553.00.</p>				1,003,553.00



Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - Award No. S16AC20034

1 message

Rockwell, Joshua <jrockwell@osmre.gov>

Mon, Dec 19, 2016 at 8:35 AM

To: Kimberly Harper <kharper@osmre.gov>, "Bautista, Jay" <jbautista@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, "Kuhns, Michael F. Mick" <mkuhns@osmre.gov>

All:

Mick and I have reviewed NAS's request for a drawdown in the amount of \$17,771.11. We approve their request.

Based upon recent meetings with NAS, the process will be that they will send Mick and I a requested amount and justification. Once we approve, they will then initiate the drawdown. So, when you see the drawdown for \$17,771, it is approved.

See message strings below.

Thank you,
Josh

----- Forwarded message -----

From: **Rockwell, Joshua** <jrockwell@osmre.gov>

Date: Mon, Dec 19, 2016 at 8:30 AM

Subject: Re: NAS Drawdown Request - Award No. S16AC20034

To: "Rogers, Nicholas" <NRogers@nas.edu>

Cc: Michael Kuhns <mkuhns@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Mick and I have reviewed your request for this drawdown.

We approve your request.

Thank you,
Josh

On Fri, Dec 16, 2016 at 9:32 AM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Good Morning Josh and Mick,

We are sending the next drawdown request for your approval.

NAS Drawdown request for \$17,771.11:

\$14,339.58 for labor and associated costs related to the nominations and vetting process of prospective members.

\$3,431.53 for labor and associated costs related to background research and data collection.

Total request \$17,771.11

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: @NASEarth

Facebook

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Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - April 2017 - Award No. S16AC20034

6 messages

Kuhns, Michael <mkuhns@osmre.gov>

Wed, May 17, 2017 at 10:58 AM

To: Kimberly Harper <kharper@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>

Cc: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

All:

Josh and I have reviewed NAS's recent drawdown request for April in the amount of \$29,986.99, and approve their request.

According to my records, this represents a total draw of \$175,364.61 (29% of Year 1 monies) since their first billing in September 2016.

See message strings below.

Thank you,

Mick

----- Forwarded message -----

From: **Kuhns, Michael** <mkuhns@osmre.gov>

Date: Wed, May 17, 2017 at 10:53 AM

Subject: Re: NAS Drawdown Request - April 2017 - Award No. S16AC20034

To: "Rogers, Nicholas" <NRogers@nas.edu>

Cc: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, Michael Kuhns <mkuhns@osmre.gov>

Nicholas,

Josh and I have reviewed your drawdown request for April expenses, and we approve your request.

Thank you,

Mick

On Mon, May 15, 2017 at 5:41 PM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Good Afternoon Mick and Josh,

This is the draw request for April's activities:

\$25,485.77 for labor and associated costs related to following up on Meeting 1 (DC), planning Meeting 2 (WV) with the staff and committee, and for background research for meeting materials and report.

\$3,484.88 for partial travel expenses for committee members to Meeting 1 plus its associated costs (some committee travel on last draw)

\$949.70 for meeting costs for Meeting 1, plus its associated costs.

\$66.64 for other direct costs (conference calls with committee/staff), plus its associated costs.

\$29,986.99 April Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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Bautista, Jay <jbautista@osmre.gov>

Wed, May 17, 2017 at 11:04 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: Kimberly Harper <kharper@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Have they drawn down the funds? I don't want to act on this approval unless they have.

Jay Bautista

Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240

(202) 208-7411

[Quoted text hidden]

Harper, Kimberly <kharper@osmre.gov>

Wed, May 17, 2017 at 5:18 PM

To: "Bautista, Jay" <jbautista@osmre.gov>

Cc: "Kuhns, Michael" <mkuhns@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Certifying officers are not seeing a pending request in ASAP yet.

[Quoted text hidden]

—
Kimberly Harper-Taylor

Grants Financial Specialist
Office of Surface Mining Reclamation & Enforcement
303-236-0330 x273
kharper@osmre.gov

Kuhns, Michael <mkuhns@osmre.gov>

Thu, May 18, 2017 at 9:44 AM

To: "Harper, Kimberly" <kharper@osmre.gov>

Cc: "Bautista, Jay" <jbautista@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Kim,

I am waiting to hear back from Jay about this --- as I am unsure what the sequence should be in handling this drawdown request.

Mick

[Quoted text hidden]

Bautista, Jay <jbautista@osmre.gov>

Fri, May 19, 2017 at 8:48 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: "Harper, Kimberly" <kharper@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Mick and Josh,

It is all fine and dandy for you to approve NAS draw down requests, but we can't act on anything that has not been formally requested in ASAP by NAS. It seems to me that the best way for these transactions to happen is for NAS to draw the funds and concurrently send you a request to approve their draw down request. Once you approve, then we can take it from there.

Let me know if you have any questions.

Jay Bautista

Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240

(202) 208-7411

[Quoted text hidden]

Harper, Kimberly <kharper@osmre.gov>

Fri, May 19, 2017 at 9:50 AM

To: "Bautista, Jay" <jbautista@osmre.gov>

Cc: "Kuhns, Michael" <mkuhns@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Hello everyone,

In ASAP if an recipient is on Agency Review, when they put in a draw down request ASAP will let the certifying officers know that there is a pending request. Once they see this request, they let me know. I use your emails of approve to verify the grant, amount and recipient is correct (since we have several recipients on agency review). If everything matches, then I let the certifying officers know to certify the grant pending request.

Until a request from the recipient is made in ASAP, there is nothing that I can do, even if there is an approved request. It is on the recipient to make the request in ASAP. I am not sure what your process is before the request. Last time it took almost a week after the approval at OSM before we saw the request show up in ASAP.

I hope that this helps explain the process on our side.

Let me know if you have any questions.

I have asked our certifying officers to check again today to see if there is any pending requests.

Thanks,
Kimberly

[Quoted text hidden]



Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - February 2017 - Award No. S16AC20034

1 message

Rockwell, Joshua <jrockwell@osmre.gov>

Mon, Feb 6, 2017 at 10:41 AM

To: Kimberly Harper <kharper@osmre.gov>, "Bautista, Jay" <jbautista@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>

Cc: "Kuhns, Michael F. Mick" <mkuhns@osmre.gov>, "Payne, Harry J." <hpayne@osmre.gov>

Kimberly:

Mick and I have reviewed the NAS drawdown request below. Mick and I approve of NAS's request and the request may be allowed upon your receipt.

Thank you,
Josh

----- Forwarded message -----

From: **Rogers, Nicholas** <NRogers@nas.edu>

Date: Fri, Feb 3, 2017 at 4:04 PM

Subject: NAS Drawdown Request - February 2017 - Award No. S16AC20034

To: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

Cc: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Josh and Mick,

This is the next NAS Drawdown request for \$22,478.28:

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting 1 with the membership meetings and background research for meeting materials.

\$ 8.89 for other direct costs (photocopying and long distance phone calls) plus its associated costs.

Total request \$22,478.28 is through expenses thru January 20, 2016.

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: @NASEarth

Facebook

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Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - January 2017 - Award No. S16AC20034

1 message

Rockwell, Joshua <jrockwell@osmre.gov>

Wed, Jan 11, 2017 at 7:48 AM

To: Kimberly Harper <kharper@osmre.gov>, "Bautista, Jay" <jbautista@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, "Payne, Harry J." <hpayne@osmre.gov>

All:

Mick and I have reviewed the drawdown request from NAS (see message strings below). We have approved the request for \$22,204.08. When you see the request for this amount of money, you may release the funds to NAS.

Thank you,
Josh

----- Forwarded message -----

From: **Rockwell, Joshua** <jrockwell@osmre.gov>

Date: Wed, Jan 11, 2017 at 7:46 AM

Subject: Re: NAS Drawdown Request - January 2017 - Award No. S16AC20034

To: "Rogers, Nicholas" <NRogers@nas.edu>

Cc: Michael Kuhns <mkuhns@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Mick and I have reviewed your request and approve a drawdown in the amount of \$22,204.08.

Thank you,
Josh

On Tue, Jan 10, 2017 at 3:35 PM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Josh and Mick,

This is the next NAS Drawdown request for \$22,204.08:

\$ 13,713.94 for labor and associated costs related to the nominations and vetting process of prospective members.

\$ 8,424.22 for labor and associated costs related to background research and data collection.

\$ 65.92 for other direct costs (postage and office supplies) plus its associated costs.

Total request \$22,204.08 is through expenses thru December 2016.

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

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Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - June 2017 - Award No. S16AC20034

4 messages

Kuhns, Michael <mkuhns@osmre.gov>

Wed, Aug 2, 2017 at 7:33 AM

To: Kimberly Harper <kharper@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, "Richardson, Yetunde"

<yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Cc: Michael Kuhns <mkuhns@osmre.gov>

Kim:

I have reviewed the drawdown request (below) and approve NAS's request for \$27,072.92 for expenses for June 2017.

According to my calculations, the total amount they will have been paid to date would now become \$278,357.04.

Thank you,

Mick

----- Forwarded message -----

From: **Rogers, Nicholas** <NRogers@nas.edu>

Date: Tue, Aug 1, 2017 at 12:26 PM

Subject: RE: NAS Drawdown Request - June 2017 - Award No. S16AC20034

To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

Cc: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>

Mick and Josh,

This is the draw request for June's activities:

\$9,095.55 for labor and associated costs related to wrapping up Meeting 2 (Logan, WV in May) expenses.

\$2,215.80 for partial travel for committee members to Meeting 2, plus its associated costs.

\$12,033.44 for labor and associated costs related to planning Meeting 3 (Washington, DC in July) and background research for meeting materials.

\$3,728.13 for other direct costs (i.e., postage, ad purchases, supplies and conference calls with committee/staff), plus its associated costs.

\$ 27,072.92 June Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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Kuhns, Michael <mkuhns@osmre.gov>

Wed, Aug 2, 2017 at 7:40 AM

To: Kimberly Harper <kharper@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, "Richardson, Yetunde"

<yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Cc: Michael Kuhns <mkuhns@osmre.gov>

Kim:

I have reviewed the drawdown request (below) and approve NAS's request for \$27,072.92 for expenses for June 2017.

According to my calculations, the total amount they will have been paid to date would nowborah" <DGlickson@nas.edu>

Mick and Josh,

This is the draw request for June's activities:

\$9,095.55 for labor and associated costs related to wrapping up Meeting 2 (Logan, WV in May) expenses.

\$2,215.80 for partial travel for committee members to Meeting 2, plus its associated costs.

\$12,033.44 for labor and associated costs related to planning Meeting 3 (Washington, DC in July) and background research for meeting materials.

\$3,728.13 for other direct costs (i.e., postage, ad purchases, supplies and conference calls with committee/staff), plus its associated costs.

\$ 27,072.92 June Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - March 2017 - Award No. S16AC20034

3 messages

Kuhns, Michael <mkuhns@osmre.gov>

Wed, Apr 19, 2017 at 10:13 AM

To: Kimberly Harper <kharp@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>

Cc: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

All:

Josh and I have reviewed NAS's recent request for a drawdown in the amount of \$57,448.05 for March 2017. We approve their request.

According to my records, this represents a total draw of \$145,377.62 since their first billing in September 2016.

See message strings below.

Thank you,

Mick

----- Forwarded message -----

From: **Rogers, Nicholas** <NRogers@nas.edu>

Date: Wed, Apr 19, 2017 at 9:34 AM

Subject: RE: NAS Drawdown Request - March 2017 - Award No. S16AC20034

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Good Morning Mick:

Here is the break down. Let me know if you want more detail on the individual travelers:

\$3896.64 is for tickets/fees/G&A for 7 travelers that flew into DC for the meeting. Travel Expense reports for theses 7 and the others are pending.

\$0 Meeting expenses – as they take time to cycle through our system and to charge the contract.

Cheers,

Nick

From: Kuhns, Michael [mailto:mkuhns@osmre.gov]

Sent: Wednesday, April 19, 2017 9:22 AM

To: Rogers, Nicholas

Cc: Rockwell, Joshua; Cheran, Ramamani; Glickson, Deborah; Michael Kuhns; Eide, Elizabeth

Subject: Re: NAS Drawdown Request - March 2017 - Award No. S16AC20034

Hi Nicholas,

I am fine with the expenses for this billing cycle, but I would appreciate a further breakdown of how much of the \$3,896.64 for this period was for "partial travel" and how much was for "meeting expense". This would be consistent with the accounting breakdown in the cooperative agreement proposal, and how I am keeping track of expenses by category.

Thanks,

Mick

On Mon, Apr 17, 2017 at 4:39 PM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Good Afternoon Mick and Josh,

This is the draw request for March's activities:

\$53,187.03 for labor and associated costs related to planning Meeting 1, including working with committee members, meeting logistics, and background research.

\$3,896.64 for partial travel and meeting costs for committee members to Meeting 1 (not all committee travel and meeting costs are reflected in this draw; others will follow)

\$364.38 for other direct costs (photocopying and conference calls) plus its associated costs.

\$57,448.05 March Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

Richardson, Yetunde <yrichardson@osmre.gov>

Thu, Aug 10, 2017 at 11:34 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: Kimberly Harper <kharper@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Mick,

Please respond to recipient email approving drawdown request.

[Quoted text hidden]

--

Best Regards,

Yetunde E. Richardson

Grants Management Specialist

Department of the Interior

Office of Surface Mining Reclamation and Enforcement

Division of Reclamation Support

1951 Constitution Avenue N.W. #125

Washington, D.C. 20240

Phone: (202) 208-2766 Fax: (202) 219-0239

Kuhns, Michael <mkuhns@osmre.gov>

Thu, Aug 10, 2017 at 1:02 PM

To: "Rogers, Nicholas" <NRogers@nas.edu>

Cc: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

Josh and I approve of your latest drawdown request. I alerted our finance people on August 2, but did not send an e-mail to you.

Mick

On Thu, Aug 10, 2017 at 11:26 AM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Good Morning Mick and Josh,

I don't believe we received your approval for this draw request.

Kind regards,

Nick

From: Rogers, Nicholas

Sent: Tuesday, August 01, 2017 12:26 PM

To: 'Kuhns, Michael' <mkuhns@osmre.gov>; 'Rockwell, Joshua' <jrockwell@osmre.gov>

Cc: Cheran, Ramamani <RCheran@nas.edu>; Glickson, Deborah <DGlickson@nas.edu>

Subject: RE: NAS Drawdown Request - June 2017 - Award No. S16AC20034

Mick and Josh,

This is the draw request for June's activities:

2/20/2018

DEPARTMENT OF THE INTERIOR Mail - Fwd: NAS Drawdown Request - June 2017 - Award No. S16AC20034

\$9,095.55 for labor and associated costs related to wrapping up Meeting 2 (Logan, WV in May) expenses.

\$2,215.80 for partial travel for committee members to Meeting 2, plus its associated costs.

\$12,033.44 for labor and associated costs related to planning Meeting 3 (Washington, DC in July) and background research for meeting materials.

\$3,728.13 for other direct costs (i.e., postage, ad purchases, supplies and conference calls with committee/staff), plus its associated costs.

\$ 27,072.92 June Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

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Bautista, Jay <jbautista@osmre.gov>

Wed, Apr 19, 2017 at 10:47 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: Kimberly Harper <kharper@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>

NAS needs to draw it down. There's nothing to approve.

Jay Bautista

Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240

(202) 208-7411

----- Forwarded message -----

From: **Harper, Kimberly** <kharper@osmre.gov>

Date: Wed, Apr 19, 2017 at 10:46 AM

Subject: Fwd: NAS Drawdown Request - March 2017 - Award No. S16AC20034

To: Jay Bautista <jbautista@osmre.gov>

We will keep checking, but can't approve anything until they request it.

Thanks,
Kimberly

----- Forwarded message -----

From: **Martinez, Audrey** <amartinez@osmre.gov>

Date: Wed, Apr 19, 2017 at 8:44 AM

Subject: Re: NAS Drawdown Request - March 2017 - Award No. S16AC20034

To: "Harper, Kimberly" <kharper@osmre.gov>

It isn't in ASAP yet

On Wed, Apr 19, 2017 at 8:37 AM, Harper, Kimberly <kharper@osmre.gov> wrote:

Hello,

Please approve this draw down request for \$57,448.05. Let me know if you don't see it in ASAP yet?

Thanks,
Kimberly

[Quoted text hidden]

--

Kimberly Harper-Taylor

Grants Financial Specialist
Office of Surface Mining Reclamation & Enforcement
303-236-0330 x273
kharper@osmre.gov

--

Audrey Martinez
Office of Surface Mining
Department of Interior
303-236-0330 X-260

--

Kimberly Harper-Taylor

Grants Financial Specialist
Office of Surface Mining Reclamation & Enforcement
303-236-0330 x273
kharper@osmre.gov

Kuhns, Michael <mkuhns@osmre.gov>

Wed, Apr 19, 2017 at 11:00 AM

To: "Bautista, Jay" <jbautista@osmre.gov>

Cc: Kimberly Harper <kharper@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

OK. I thought you may have needed to additionally do something to allow them to draw down each time.

Mick

[Quoted text hidden]



Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - Nov 2017 - Award No. S16AC20034

12 messages

Kuhns, Michael <mkuhns@osmre.gov>

Thu, Nov 16, 2017 at 9:30 AM

To: Kimberly Harper <kharp@osmre.gov>

Cc: Jay Bautista <jbautista@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>, Harry Payne <hpayne@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

Kim,

Please note the last paragraph in the NAS e-mail about OSMRE needing to reject an accidental draw request from a replacement accountant (which I have not seen via e-mail and which may not contain the correct amount for the final draw).

I am checking with Josh (on travel) before recommending that we approve the subsequent draw request.

Mick

Michael "Mick" Kuhns, Physical Scientist*U.S. Department of the Interior**Office of Surface Mining Reclamation and Enforcement**1849 C Street NW, Washington, D.C. 20240 Room 4556**Office: (202) 208-2860**mkuhns@osmre.gov*

----- Forwarded message -----

From: **Rogers, Nicholas** <NRogers@nas.edu>

Date: Thu, Nov 16, 2017 at 9:16 AM

Subject: NAS Drawdown Request - Nov 2017 - Award No. S16AC20034

To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

Cc: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Spriggs, Sugi" <SSpriggs@nas.edu>

Josh and Mick,

This draw request is for expenses that have been incurred through today, 11/16/17. These are all the outstanding costs for Meeting 4 along with the labor costs needed to process these expenses. This should be the last draw on expenses incurred.

\$576.68 for labor and associated costs related to reimbursements for meeting 4 expenses.

\$13,585.43 for final travel costs for committee members to meeting 4 plus its associated costs.

\$14,162.11 total

Our usual accountant is out of the country and her replacement accidentally requested the final draw before we were able to send this approval. I believe you will have to reject that request as it was not approved by you all before it was sent and there may have been one final small charge missing. I apologize for the mistake.

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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Rockwell, Joshua <jrockwell@osmre.gov>

Mon, Nov 20, 2017 at 9:26 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: Kimberly Harper <kharper@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Harry Payne <hpayne@osmre.gov>

Kim:

Mick and I have reviewed the draw down request and have approved the NAS request. You may release funds in the amount of \$14,162.11.

v/r

Josh Rockwell

*Mining Engineer/Dam Safety Officer
Office of Surface Mining, Reclamation and Enforcement
Division of Regulatory Support
1849 C. Street, NW, Mail Stop 4550
Washington, DC 20240
(202) 209-2633 work
(410) 456-8042 cell*

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>

Mon, Nov 20, 2017 at 9:29 AM

To: "Rockwell, Joshua" <jrockwell@osmre.gov>

Hello Josh,

Is this the final draw down? If so, we would like to place the grant on hold.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

[Quoted text hidden]

Rockwell, Joshua <jrockwell@osmre.gov>
To: "Richardson, Yetunde" <yrichardson@osmre.gov>

Mon, Nov 20, 2017 at 9:36 AM

According to Nick at NAS it is. Here is what he said in the initial message for this request, "This should be the last draw on expenses incurred."

Josh Rockwell

*Mining Engineer/Dam Safety Officer
Office of Surface Mining, Reclamation and Enforcement
Division of Regulatory Support
1849 C. Street, NW, Mail Stop 4550
Washington, DC 20240
(202) 209-2633 work
(410) 456-8042 cell*

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>
To: "Rockwell, Joshua" <jrockwell@osmre.gov>

Mon, Nov 20, 2017 at 9:38 AM

Okay, thank you. I overlooked that email.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>
To: Kimberly Harper <kharp@osmre.gov>

Mon, Nov 20, 2017 at 9:55 AM

Hi Kimberly,
This was the last draw down request on the NAS Cooperative Agreement. I would like to place the grant on hold. Do you know the procedure involved in this?

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>
To: Kimberly Harper <kharper@osmre.gov>

Tue, Nov 21, 2017 at 9:41 AM

I noticed that here is a hold function in PRISM:

PRISM

Grant Information		
Grant Number: S16AC20034	Stage: Released Modified Award	Obligation: \$0.00
Version: 0001 - Released	Net View: Off	Total Amount without Options: \$0.00
	Number of Items: 0	Total Amount: \$0.00
Hold on Award		

Placing a hold on S16AC20034 will prevent further
procurement activity on this award until the hold is removed.

Are you sure you want to place a hold on S16AC20034 ?

Is it okay to use this function? Thanks in advance.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

[Quoted text hidden]

Harper, Kimberly <kharper@osmre.gov>
To: "Richardson, Yetunde" <yrichardson@osmre.gov>

Tue, Nov 21, 2017 at 11:15 AM

Hello,

It is not recommended to use the HOLD function in PRISM. The BIO has warned us about this functionality before.

What is it that you are trying to accomplish? We already have the grant on agency review. So any draws would have to be approved by the OSM prior to them getting paid.

The only other thing that I can do is temporary suspend the grant. However, we have to have a valid reason why and you have to let the recipient know.

I think more information on what you would like to accomplish would be helpful.

Thanks,
Kimberly

[Quoted text hidden]

--

Kimberly Harper-Taylor

Grants Financial Specialist
Office of Surface Mining Reclamation & Enforcement
303-236-0330 x273
kharper@osmre.gov

Richardson, Yetunde <yrichardson@osmre.gov>
To: "Harper, Kimberly" <kharper@osmre.gov>

Tue, Nov 21, 2017 at 11:25 AM

Hello Kimberly,
Because the NAS cooperative agreement has been halted until further notice, I thought there would be some financial action that needed to take place in the system. If that is not the case, that is fine too. As far as temporarily suspending the grant, the recipient has already been notified that the grant is on hold so that seems like a valid reason to suspend it, but I have never done this before so I am not really sure.

I will at least delete the upcoming milestones associated with the cooperative agreement for now since the recipient is not required to submit any reports to us.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

[Quoted text hidden]

Harper, Kimberly <kharper@osmre.gov>
To: "Richardson, Yetunde" <yrichardson@osmre.gov>

Tue, Nov 21, 2017 at 12:27 PM

Okay, I can suspend it but we are still waiting for the last draw to be requested.

Thanks,
Kimberly

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>
To: "Harper, Kimberly" <kharper@osmre.gov>

Tue, Nov 21, 2017 at 12:29 PM

Great, thank you. I will send the recipient a reminder to request the funds in ASAP.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>
To: NRogers@nas.edu
Bcc: Kimberly Harper <kharper@osmre.gov>

Tue, Nov 21, 2017 at 12:34 PM

Hello,
Your final draw down request has been approved per email below. Please request funds in ASAP.

Thank you.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

----- Forwarded message -----

From: **Rockwell, Joshua** <jrockwell@osmre.gov>
Date: Mon, Nov 20, 2017 at 9:26 AM
Subject: Re: NAS Drawdown Request - Nov 2017 - Award No. S16AC20034
To: "Kuhns, Michael" <mkuhns@osmre.gov>

[Quoted text hidden]



Richardson, Yetunde <yrichardson@osmre.gov>

Fwd: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

13 messages

Kuhns, Michael <mkuhns@osmre.gov>

Mon, Sep 18, 2017 at 9:31 AM

To: Harry Payne <hpayne@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>

Cc: Michael Kuhns <mkuhns@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Yetunde and Harry,

Since Josh is out of the office this week, I want to make you aware that yesterday afternoon NAS submitted this draw request. This covers expenses through the 9/1/2017 pay period. Whereas the previous requests were for a one-month period, this request covers a two-month period ---- **but also indicates that some outstanding costs for Meeting 3 and 4 will appear on future draw requests.** Approval of this request would bring the total costs to \$407,148.58. The original projected first year cost was \$607K. As you can follow in the attached EXCEL file, despite some additional costs that will be charged in the next draw request(s), the approximate \$200K lower amount billed for the first year is largely from lower costs in the following areas-- travel (\$132K less), meeting costs (\$38K less), technology/communication (\$17K less), and direct labor (\$13K less).

Glenda issued the pause on August 18, but specified that "the three-day August 21-24 event (in Kentucky) may proceed as planned as an exception to this direction. Any later-resulting staff expenses associated with processing reimbursements related to the work occurring during those same three days, which we expect to be minimal, e.g., travel reimbursements, also may be incurred".

Please call me if you want to discuss. I plan to ask NAS if there will be more than one future draw request, what types of remaining expenses they will cover, and when we should expect to receive them.

Mick

----- Forwarded message -----

From: **Rogers, Nicholas** <NRogers@nas.edu>

Date: Fri, Sep 15, 2017 at 12:52 PM

Subject: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

Cc: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>

Josh and Mick,

This draw request is for expenses that have been incurred through the 9/1/2017 pay period. There are still outstanding costs for Meeting 3 and 4 that will appear on future draw requests, along with the labor costs needed to process these expenses.

\$9,211.24 for partial Meeting 2 travel for committee members, plus associated costs.

\$12,593.80 for labor and associated costs related to Meeting 3.

\$10,492.81 for partial Meeting 3 travel for committee members, plus associated costs.

\$96,224.15 for labor and associated costs related to planning Meeting 4 with the committee membership, and for staff time spent working on study materials and background research for the meeting.

\$269.54 for other direct costs (copying, postage, conference calls with committee/staff), plus associated costs.

\$128,791.54 TOTAL

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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 **NASEM coop agmt cost summary 8-1-2017.xlsx**
16K

Kuhns, Michael <mkuhns@osmre.gov>

Mon, Sep 18, 2017 at 9:38 AM

To: Jay Bautista <jbautista@osmre.gov>, Yolande Norman <ynorman@osmre.gov>


Cc: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Harry Payne <hpayne@osmre.gov>

Yolande and Jay,

After forwarding an e-mail to Yetunde and others a few minutes ago, I got an auto-reply that Yetunde would be out of the office through October 2. I'd like to make you aware that we received a draw request yesterday, and ask that you provide any comments regarding my proposed questions to NAS.

Mick

[Quoted text hidden]

 **NASEM coop agmt cost summary 8-1-2017.xlsx**
16K

Norman, Yolande <ynorman@osmre.gov>

Mon, Sep 18, 2017 at 9:40 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: Jay Bautista <jbautista@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Harry Payne <hpayne@osmre.gov>

Hi Mick,

Yetunde is on travel but she will be available by mid-week to provide you with a response concerning this request.

She will be in touch with you shortly.

Yolande

[Quoted text hidden]

--

Yolande J.C. Norman

Chief, Reclamation Support Division

Program Support Directorate

Department of Interior

Office of Surface Mining Reclamation & Enforcement

1951 Constitution Ave, N.W.

South Interior Building, Room 121

Washington DC, 20240

Tele: (202) 208-2868

Email: ynorman@osmre.gov

Richardson, Yetunde <yrichardson@osmre.gov>

Mon, Sep 18, 2017 at 6:59 PM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: Harry Payne <hpayne@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

Hello Mick,

I think it is a good idea to reach out to NAS for clarification on the future draws. To clarify: are you approving the current request or do you need to set up a meeting to discuss with me?

If you approve the current drawdown request, please respond to NAS' original email and copy me and Kimberly Harper-Taylor at DFM kharper@osmre.gov. If you would like to meet to discuss tomorrow morning, let me know.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist

Department of the Interior

Office of Surface Mining Reclamation and Enforcement

Division of Reclamation Support

1849 C Street N.W. #4551

Washington, D.C. 20240

Phone: (202) 208-2766 Fax: (202) 219-0239

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>

Mon, Sep 18, 2017 at 7:00 PM

To: Yolande Norman <ynorman@osmre.gov>

I meant to copy you on this email.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist

Department of the Interior

Office of Surface Mining Reclamation and Enforcement

Division of Reclamation Support

1849 C Street N.W. #4551

Washington, D.C. 20240

Phone: (202) 208-2766 Fax: (202) 219-0239

----- Forwarded message -----

From: **Richardson, Yetunde** <yrichardson@osmre.gov>

Date: Mon, Sep 18, 2017 at 6:59 PM

Subject: Re: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

To: "Kuhns, Michael" <mkuhns@osmre.gov>

[Quoted text hidden]

Kuhns, Michael <mkuhns@osmre.gov>

Tue, Sep 19, 2017 at 3:59 PM

To: "Richardson, Yetunde" <yrichardson@osmre.gov>

I will approve it tomorrow. I just wanted to let you know there will unexpectedly be other draw requests coming.

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>

Tue, Sep 19, 2017 at 11:18 PM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: Yolande Norman <ynorman@osmre.gov>

Great. Thank you for letting me know.

Best Regards,

Yetunde E. Richardson

Grants Management Specialist

Department of the Interior

Office of Surface Mining Reclamation and Enforcement

Division of Reclamation Support

1849 C Street N.W. #4551

Washington, D.C. 20240

Phone: (202) 208-2766 Fax: (202) 219-0239

[Quoted text hidden]

Kuhns, Michael <mkuhns@osmre.gov>

Wed, Sep 20, 2017 at 8:54 AM

To: "Rogers, Nicholas" <NRogers@nas.edu>, Kimberly Harper <kharper@osmre.gov>

Cc: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Michael

Kuhns <mkuhns@osmre.gov>

Roger,

I have reviewed and approve of your draw request for \$128,791.54. I understand this covers most of the expenses you incurred for both July and August 2017, but that some additional expenses will be forthcoming in a separate draw request to cover the remaining costs of Meeting #4.

Please specify in your next draw request if it covers all of the expenses through the "halt" period issued by OSMRE Acting Director Glenda Owens on August 18, 2018.

Kimberly --- please approve this draw request in ASAP.

Thank you,

Mick

On Fri, Sep 15, 2017 at 12:52 PM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Josh and Mick,

This draw request is for expenses that have been incurred through the 9/1/2017 pay period. There are still outstanding costs for Meeting 3 and 4 that will appear on future draw requests, along with the labor costs needed to process these expenses.

\$9,211.24 for partial Meeting 2 travel for committee members, plus associated costs.

\$12,593.80 for labor and associated costs related to Meeting 3.

\$10,492.81 for partial Meeting 3 travel for committee members, plus associated costs.

\$96,224.15 for labor and associated costs related to planning Meeting 4 with the committee membership, and for staff time spent working on study materials and background research for the meeting.

\$269.54 for other direct costs (copying, postage, conference calls with committee/staff), plus associated costs.

\$128,791.54 TOTAL

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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Rogers, Nicholas <NRogers@nas.edu>

Wed, Sep 20, 2017 at 9:05 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>, Kimberly Harper <kharper@osmre.gov>

Cc: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>

Good Morning Mick,

You are correct that these are most of the expenses incurred in the July and August but some trailing costs from meeting 3 and 4, namely travel expense reports, are still being processed. We will specify in our next draw if this is all the expenses but that is hard to judge at present.

Please feel free to contact me with any questions or concerns.

Kind regards,

Nick Rogers

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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From: Kuhns, Michael [mailto:mkuhns@osmre.gov]

Sent: Wednesday, September 20, 2017 8:54 AM

To: Rogers, Nicholas <NRogers@nas.edu>; Kimberly Harper <kharper@osmre.gov>

Cc: Rockwell, Joshua <jrockwell@osmre.gov>; Cheran, Ramamani <RCheran@nas.edu>; Glickson, Deborah <DGlickson@nas.edu>; Richardson, Yetunde <yrichardson@osmre.gov>; Jay Bautista <jbautista@osmre.gov>; Michael Kuhns <mkuhns@osmre.gov>

Subject: Re: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

[Quoted text hidden]

Kuhns, Michael <mkuhns@osmre.gov>
To: Joshua Rockwell <jrockwell@osmre.gov>
Cc: "Richardson, Yetunde" <yrichardson@osmre.gov>

Tue, Oct 31, 2017 at 7:47 AM

Josh,

Are you fine with me approving their draw request?

Mick

Michael "Mick" Kuhns, Physical Scientist

U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
1849 C Street NW, Washington, D.C. 20240 Room 4556
Office: (202) 208-2860
mkuhns@osmre.gov

----- Forwarded message -----

From: **Rogers, Nicholas** <NRogers@nas.edu>
Date: Tue, Oct 24, 2017 at 2:44 PM
Subject: RE: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034
To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>
Cc: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>

Josh and Mick,

This draw request is for expenses that have been incurred through the end of September. There are still outstanding costs for Meeting 4 that will appear on a future draw request, along with the labor costs needed to process these expenses.

\$1,803.67 for labor and associated costs related to Meeting 3 reimbursements.

\$14,799.04 for partial Meeting 3 travel for committee members, plus associated costs.

\$3,751.65 for labor and associated costs related to Meeting 4 reimbursements.

\$11,834.47 for partial Meeting 4 travel for committee members, plus associated costs.

\$1,610.67 for other direct costs (conference calls with committee/staff), plus associated costs.

\$33,799.50 total

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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Rockwell, Joshua <jrockwell@osmre.gov>
To: "Kuhns, Michael" <mkuhns@osmre.gov>
Cc: "Richardson, Yetunde" <yrichardson@osmre.gov>

Tue, Oct 31, 2017 at 7:49 AM

It looks to be in line to me. Let's discuss face-to-face tomorrow.

Josh Rockwell

*Mining Engineer/Dam Safety Officer
Office of Surface Mining, Reclamation and Enforcement
Division of Regulatory Support
1849 C. Street, NW, Mail Stop 4550
Washington, DC 20240
(202) 209-2633 work
(410) 456-8042 cell*

[Quoted text hidden]

Rockwell, Joshua <jrockwell@osmre.gov> Wed, Nov 1, 2017 at 7:36 AM
To: "Rogers, Nicholas" <NRogers@nas.edu>
Cc: "Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, Sterling Rideout <srideout@osmre.gov>, "Payne, Harry J." <hpayne@osmre.gov>, Kimberly Harper <kharp@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, "Bautista, Jay" <jbautista@osmre.gov>

Nick:

Your draw down request in the amount of \$33,799.50 is approved.

On October 12th, we were notified that draw down requests related to meeting 4 could take up to 2 months to receive and book. Since the meeting took place the last week in August, can we assume that we will have one more draw down request since the 2 month window has now past? We would like to get all draw down requests for all work completed prior to the "halt", as well as meeting 4, wrapped up as soon as possible. Will this be accomplished with the next draw down request, and do you have an approximate estimate of what the next request will total?

v/r

Josh Rockwell

*Mining Engineer/Dam Safety Officer
Office of Surface Mining, Reclamation and Enforcement
Division of Regulatory Support
1849 C. Street, NW, Mail Stop 4550*

Washington, DC 20240
(202) 209-2633 work
(410) 456-8042 cell

On Tue, Oct 24, 2017 at 2:44 PM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Josh and Mick,

This draw request is for expenses that have been incurred through the end of September. There are still outstanding costs for Meeting 4 that will appear on a future draw request, along with the labor costs needed to process these expenses.

\$1,803.67 for labor and associated costs related to Meeting 3 reimbursements.

\$14,799.04 for partial Meeting 3 travel for committee members, plus associated costs.

\$3,751.65 for labor and associated costs related to Meeting 4 reimbursements.

\$11,834.47 for partial Meeting 4 travel for committee members, plus associated costs.

\$1,610.67 for other direct costs (conference calls with committee/staff), plus associated costs.

\$33,799.50 total

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

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Rogers, Nicholas <NRogers@nas.edu>

Wed, Nov 1, 2017 at 9:00 AM

To: "Rockwell, Joshua" <jrockwell@osmre.gov>

Cc: "Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, Sterling Rideout <srideout@osmre.gov>, "Payne, Harry J." <hpayne@osmre.gov>, Kimberly Harper <kharper@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, "Bautista, Jay" <jbautista@osmre.gov>

Josh,

I believe the next draw will be the last as all expenses are just processing through our accounting and payments from meeting 4.

My estimate for the final draw is in the \$14,500-\$15,500 range.

Thank you,

Nick Rogers

From: Rockwell, Joshua [mailto:jrockwell@osmre.gov]

Sent: Wednesday, November 01, 2017 7:36 AM

To: Rogers, Nicholas <NRogers@nas.edu>

Cc: Kuhns, Michael <mkuhns@osmre.gov>; Cheran, Ramamani <RCheran@nas.edu>; Glickson, Deborah <DGlickson@nas.edu>; Sterling Rideout <srideout@osmre.gov>; Payne, Harry J. <hpayne@osmre.gov>; Kimberly Harper <kharper@osmre.gov>; Yetunde Richardson <yrichardson@osmre.gov>; Bautista, Jay <jbautista@osmre.gov>

Subject: Re: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

[Quoted text hidden]



Richardson, Yetunde <yrichardson@osmre.gov>

Re: FW: description of costs S16AC20034

1 message

Rockwell, Joshua <jrockwell@osmre.gov>

Wed, Nov 2, 2016 at 9:17 AM

To: "Eide, Elizabeth" <EEide@nas.edu>, Kimberly Harper <kharper@osmre.gov>

Cc: "Claringbould, Katharine" <KClaringbould@nas.edu>, Michael Kuhns <mkuhns@osmre.gov>, "Rogers, Nicholas" <NRogers@nas.edu>, "Cheran, Ramamani" <RCheran@nas.edu>, "Bautista, Jay" <jbautista@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>

Elizabeth:

Your request for the draw is justified. Thank you.

Kimberly:

You should see a request for draw down from NAS for \$9,428.70 in ASAP. This amount may be released.

Thank you,
Josh

On Wed, Nov 2, 2016 at 9:08 AM, Eide, Elizabeth <EEide@nas.edu> wrote:

Hi Josh,

The Academies drawdown request for \$9,428.70 is broken down as follows:

\$9,428.70 for labor associated with administration of the project.

Please let us know if you have further questions.

Best,
Elizabeth

Elizabeth A. Eide, Ph.D.
Director, Board on Earth Sciences and Resources

Acting Director, Water Science and Technology Board
The National Academies of Sciences, Engineering, and Medicine
500 Fifth St., NW
Washington, DC 20001
tel: 202 334 2392

Visit BESR at <http://dels.nas.edu/besr>

Visit CER at <http://dels.nas.edu/global/besr/CER>

Visit WSTB at <http://dels.nas.edu/wstb>

Twitter: @NASEarth

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Richardson, Yetunde <yrichardson@osmre.gov>

Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034

12 messages

Kuhns, Michael <mkuhns@osmre.gov>

Wed, Feb 22, 2017 at 8:58 AM

To: "Rogers, Nicholas" <NRogers@nas.edu>

Cc: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Kimberly Harper <kharper@osmre.gov>

Hi Nick,

For this latest bill, there is an apparent discrepancy in the total bill amount (\$15,071.02) versus the summation of the two individual items (\$12,330.78 + \$3,076.84 = \$15,407.62).

For the previous month's bill, the total appears to be transposed from the summary of the individual items (\$22,748.28 versus \$22,478.28).

Please clarify the correct amounts for this bill and the prior month's bill.

Mick

On Tue, Feb 21, 2017 at 2:37 PM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Josh and Mick,

The next NAS Drawdown request for February 2017 is \$15,071.02:

\$ 12,330.78 for labor and associated costs related to planning meeting 1 with the membership from the agenda to invited expert speakers.

\$ 3,076.84 for labor and associated costs related to background research and data collection related to the project.

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: @NASEarth

Facebook

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Rogers, Nicholas <NRogers@nas.edu>

Wed, Feb 22, 2017 at 9:08 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Kimberly Harper <kharper@osmre.gov>

Mick,

My apologies. Not sure what happened there. I think I wrote the equations wrong in excel.

January - \$22,748.26

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting 1 with the membership meetings and background research for meeting materials.

\$ 8.89 for other direct costs (photocopying and long distance phone calls) plus its associated costs.

February – \$15,071.02:

\$ 11,994.18 for labor and associated costs related to planning meeting 1 with the membership from the agenda to invited expert speakers.

\$ 3,076.84 for labor and associated costs related to background research and data collection related to the project.

Again, my apologies and I hope this clarifies.

Kind regards,

Nick Rogers

From: Kuhns, Michael [mailto:mkuhns@osmre.gov]

Sent: Wednesday, February 22, 2017 8:58 AM

To: Rogers, Nicholas

Cc: jrockwell@osmre.gov; Cheran, Ramamani; Glickson, Deborah; Eide, Elizabeth; Richardson, Yetunde; Jay Bautista; Kimberly Harper

Subject: Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034

[Quoted text hidden]

Kuhns, Michael <mkuhns@osmre.gov>

Wed, Feb 22, 2017 at 9:30 AM

To: "Rogers, Nicholas" <NRogers@nas.edu>

Cc: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Kimberly Harper <kharper@osmre.gov>

Should the total for January be \$22,748.28? (two cents more)?

January - \$22,748.26

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting 1 with the membership meetings and background research for meeting materials.

\$ 8.89 for other direct costs (photocopying and long distance phone calls) plus its associated costs.

[Quoted text hidden]

Rogers, Nicholas <NRogers@nas.edu>

Wed, Feb 22, 2017 at 9:49 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Cc: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Kimberly Harper <kharper@osmre.gov>

Yes.

From: Kuhns, Michael [mailto:mkuhns@osmre.gov]

Sent: Wednesday, February 22, 2017 9:30 AM

[Quoted text hidden]

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>

Wed, Feb 22, 2017 at 10:21 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>

Good Morning Mick,
I will send you a grant detail report shortly. This report will show all the funds that have been expended on the grant so far.

[Quoted text hidden]

--

Best Regards,

Yetunde E. Richardson


Grants Management Specialist
Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1951 Constitution Avenue N.W. #125
Washington, D.C. 20240
Phone: (202) 208-2766 Fax: (202) 219-0239

Richardson, Yetunde <yrichardson@osmre.gov>
To: "Kuhns, Michael" <mkuhns@osmre.gov>

Wed, Feb 22, 2017 at 10:25 AM

Please see attached.

[Quoted text hidden]

 **GrantDetailQuery_2017-02-22_08-22-13 S16AC20034.xlsx**
10K


Richardson, Yetunde <yrichardson@osmre.gov>

Wed, Feb 22, 2017 at 10:26 AM

To: Joshua Rockwell <jrockwell@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Kimberly Harper <kharp@osmre.gov>

Please see attached grant detail query for S16AC20034.

[Quoted text hidden]

 **GrantDetailQuery_2017-02-22_08-22-13 S16AC20034.xlsx**
12K

Kuhns, Michael <mkuhns@osmre.gov>

Wed, Feb 22, 2017 at 10:51 AM

To: "Richardson, Yetunde" <yrichardson@osmre.gov>

Thank you!

[Quoted text hidden]

Richardson, Yetunde <yrichardson@osmre.gov>

Wed, Feb 22, 2017 at 10:57 AM

To: "Kuhns, Michael" <mkuhns@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>

You are welcome. Anytime you need another report, just let me know.

[Quoted text hidden]

Rockwell, Joshua <jrockwell@osmre.gov>

Mon, Feb 27, 2017 at 10:56 AM

To: "Rogers, Nicholas" <NRogers@nas.edu>

Cc: "Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Bcc: yrichardson@osmre.gov

Nicholas:

Your February request is approved (\$15,071.02).

Thank you,

Josh

On Mon, Feb 27, 2017 at 10:49 AM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Josh,

I hope the below are what you mean by the corrections.

January - \$22,748.28

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting 1 with the membership meetings and background research for meeting materials.

\$ 8.89 for other direct costs (photocopying and long distance phone calls) plus its associated costs.

February – \$15,071.02:

\$ 11,994.18 for labor and associated costs related to planning meeting 1 with the membership from the agenda to invited expert speakers.

\$ 3,076.84 for labor and associated costs related to background research and data collection related to the project.

From: Rockwell, Joshua [mailto:jrockwell@osmre.gov]

Sent: Monday, February 27, 2017 10:44 AM

To: Rogers, Nicholas

Cc: Kuhns, Michael; Cheran, Ramamani; Glickson, Deborah; Eide, Elizabeth

Subject: Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Was the error corrected? I don't remember seeing a corrected request?

On Mon, Feb 27, 2017 at 10:32 AM, Rogers, Nicholas <NRogers@nas.edu> wrote:

Good Morning Mick and Josh,

Do we have your approval for the February draw?

Regards,

Nick Rogers

From: Kuhns, Michael [mailto:mkuhns@osmre.gov]
Sent: Wednesday, February 22, 2017 9:30 AM

[Quoted text hidden]

Harper, Kimberly <kharper@osmre.gov>
To: "Richardson, Yetunde" <yrichardson@osmre.gov>
Cc: Joshua Rockwell <jrockwell@osmre.gov>, Jay Bautista <jbautista@osmre.gov>

Tue, Mar 7, 2017 at 9:36 AM

After going through all the email trail here, is this amount approved?

Thanks,
Kimberly
[Quoted text hidden]

--

Kimberly Harper-Taylor
Grants Financial Specialist
Office of Surface Mining Reclamation & Enforcement
303-236-0330 x273
kharper@osmre.gov

Rockwell, Joshua <jrockwell@osmre.gov>
To: "Harper, Kimberly" <kharper@osmre.gov>
Cc: "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, "Kuhns, Michael F. Mick" <mkuhns@osmre.gov>

Tue, Mar 7, 2017 at 10:23 AM

Yes, NAS's request to draw \$15,071.02 is approved.

[Quoted text hidden]

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

January 25, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

Please find below a quarterly progress report for the National Academies of Sciences, Engineering, and Medicine (NASEM) project referenced above. It covers the period October 1 - December 31, 2016.

Activities undertaken in this quarter:

NASEM staff vetted potential nominees for committee membership. There were over 240 names that were submitted for consideration in response to the call for nominations. In addition, staff gathered background information, discussed the study with the Mountaintop Removal interagency group, and contacted OSMRE to discuss study schedule committee processes.

The first committee meeting is scheduled for March 7-8, 2017, in Washington DC. The meeting will be held at the Keck Center (500 5th St NW).

Activities anticipated in the next quarter:

NASEM staff will receive internal approval for the provisional committee and post membership onto the National Academies Current Project Systems website for a 20-day comment period.

Staff will determine the availabilities of provisional committee members for additional committee meetings, gather and disseminate background material for the committee, and plan and execute the first meeting. Future meeting dates will be provided to OSMRE as soon as possible.

Difficulties Encountered:

None, although please note that the milestone to have the committee approved is slightly behind schedule. Committee membership is critical to the project's success, so staff did not want to sacrifice quality in an effort to meet a specific time milestone. Staff are working on other methods to tighten the study schedule, particularly once the committee is approved.

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Programmatic Review Checklist for OSMRE Financial Assistance Programs

(For OSMRE Internal Use Only)

Version 5



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Program monitoring addresses the content and substance of the program. It is a qualitative review to determine performance, innovation, and contributions. It assesses whether award activities are consistent with the program narrative/work plan or proposed project activities identified in the application or agreement, and comply with statutory regulations and other policy guidelines. It also evaluates program outcomes and monitors administrative activities to ensure compliance with award terms & conditions and reporting requirements.

Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

1st Qrt Progress Review-Period Ending December 31st, 2017.

Findings - Initial Application:

	<u>Yes</u>	<u>No</u>	<u>N/A</u>
Objectives and Need for Assistance explains why the assistance is needed and states what the grant's primary and secondary objectives are.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Results and Benefits Expected describe how public health and safety will be protected and the environment or life of coalfield citizens will be improved during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Approach outlines the plan of action for the proposed scope of work as well as criteria and methodology to be used to evaluate results during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of Personnel and type of positions identified will adequately support the proposed program work to be accomplished during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The number of trips and purpose of travel are necessary for successful performance of proposed work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment identified is required for successful performance of proposed program work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Conducted AML subaccount review. Funding requested is consistent with the program objectives of the grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Supplies listed are needed to complete proposed program work during this grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Contractual services identified are essential to the successful performance of proposed work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other cost items identified are necessary expenses that must be incurred to meet program objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings - Report Monitoring

Reported activities are in compliance with the approved plan and Federal regulations.
Performance report compares the planned activities to actual accomplishments.
Performance report provides explanation for any/all deviations from the approved plan.
Recipient has met / will meet the objectives of the approved plan within the established performance period.
Conducted AML Sub-account review. Funding usage is consistent with the program objectives of the grant.

Yes No N/A

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
Established goals were met or an acceptable explanation was provided for why they were not met.
Quantitative data was provided on the output of the completed project(s) or program activity.
Conducted AML Sub-account review. Funding usage was consistent with the program objectives of the grant.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Watershed Cooperative Agreements Only

As built plan was included in the Closeout Project Performance Narrative.
Project partner(s) participation went according to plan.
Description, quantity, and calculated value of in-kind services or materials was included.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations**Yes** **No**Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary).☒ ☐

During the first-quarter of this eight-quarter cooperative agreement, NAS has successfully kept the project on track according to the cooperative agreement terms. NAS has assigned Deb Glickson to manage the project, and she is doing a great job transitioning into this role. The primary work effort for this period was starting to establish the NAS Committee for the project. Everything appears to be running as planned for this period.

Prepared by: Joshua S. Rockwell

Date: 7/13/17

Reviewed by: Michael F. Kuhns

Date: 7/13/17

Approved by: Yetunde Richardson

Date: 7/13/17

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

April 24, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
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Washington, DC 20001

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Activities undertaken in this quarter:

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An opt-in mailing list was created to provide updates to the study, including future meetings and opportunities to provide input. This was sent to a list of contacts in government, industry, environmental, and public health fields.

The project director submitted a preliminary schedule of planned committee meetings, which has since been slightly modified. These are:

- March 7-8 Washington, DC
- May 22-24 West Virginia
- July 11-12 Washington, DC (*was originally June 20-22 in Kentucky*)
- August 21-23 Kentucky
- Meeting 5 Date and location to be determined

The first committee meeting was held on March 7-8, 2017, in Washington DC. The meeting was held at the Keck Center (500 5th St NW) and included an open session with presentations from OSMRE, USGS, and VA DEQ. The agenda for this meeting is included as Attachment 1.

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Difficulties Encountered:

None at this time.

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

Committee Meeting 1
March 7, 2017

Keck Center
500 5th St NW
Washington, DC 20001

OPEN SESSION AGENDA

Tuesday, March 7 – Room 100

Registration opens at 1:30 p.m.

- | | | |
|-----------|--|---|
| 1:45 p.m. | Welcome and Introductions | <i>Paul Locke, Committee Chair</i> |
| 2:00 p.m. | Study Origin and Objectives | <i>Office of Surface Mining Reclamation
And Enforcement (OSMRE)</i> |
| 2:30 p.m. | Discussion with Federal and State Agencies <ul style="list-style-type: none">• <i>U.S. Geological Survey – Bill Orem, Project Chief, Environmental Health Effects of Energy Resources</i>• <i>Virginia Department of Health – Dwight Flammia, Public Health Toxicologist</i> | |
| 3:45 p.m. | Public Comment Period
<i>Each speaker has a maximum time limit of 3 minutes. Accompanying written materials are encouraged.</i> | |
| 4:15 p.m. | <i>Open Session adjourns</i> | |

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Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

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HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

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Review Conducted in Accordance with FAM

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Findings – Amendments:

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<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Approved by: Yetunde Richardson

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The National Academies of
SCIENCES • ENGINEERING • MEDICINE

July 26, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
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FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

Please find below a quarterly progress report for the National Academies of Sciences, Engineering, and Medicine (NASEM) project referenced above. It covers the period April 1 – June 30, 2017.

Activities undertaken in this quarter:

The second committee meeting was May 22-24, 2017, at the Chief Logan Lodge in Logan, WV. There was a site visit on May 22, an open session on May 23, and a town hall public forum on the evening of May 23. Invitees for this meeting included state agencies from Virginia and West Virginia, local environmental groups, and the coal industry. May 24 was a closed session for committee and staff only. The agenda is included as Attachment 1.

We continue to use the opt-in mailing list to provide study updates to a wide variety of stakeholders and interested parties.

Activities anticipated in the next quarter:

Meeting 3 is July 11-13, 2017, at the Keck Center of the National Academies in Washington, DC. This meeting will focus on recent studies of potential human health effects from surface coal mining operations. There will be two open sessions on July 11 and 12 with panelists and speakers on this topic. July 13 will be a closed session for committee and staff only.

Meeting 4 is scheduled for Aug 21-23, 2017 in Kentucky (Hazard and Lexington). There will be a site visit on Monday, August 21, followed by a town hall that evening. The open session will be on the afternoon of Tuesday, August 22, and will include invited representatives from Kentucky and Tennessee state agencies and other experts. Wednesday, August 23 will be a closed session.

*Progress Report for Cooperative Agreement S16AC20034
April 1 – June 30, 2017*

Meeting 5 dates are Oct 24-26, and will be entirely closed session. The committee is likely to use an Academies facility in Woods Hole, MA.

The committee also expects to have 1-2 webinars with outside experts. These will be publicly available to call in to and listen to. The first is scheduled with Dr. Jonathan Borak on August 15 at 3pm EDT. More information will be provided before the webinar.

Difficulties Encountered:

We anticipate that a sixth meeting might be needed for deliberation and consensus building, because Meetings 2-4 had or will have significant amounts of time allocated to town halls, site visits, and open sessions. This limited the amount of time the committee was/will be able to spend in closed session. While we hope Meeting 5 will make up for the lack of closed session time, the committee would like a contingency plan in case another meeting.

This would not result in an increase in the cost of the study. Instead, staff would reallocate funds from staff time to accommodate any additional travel needed. It may lead to a one-month delay in the timeframe.

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

Committee Meeting 2
Tuesday, May 23, 2017
Conference Center

Chief Logan Lodge, Hotel and Conference Center
1000 Conference Center Drive
Logan, WV 25601
(304) 792-7125

OPEN SESSION AGENDA

For more information or to register to attend, email rchappetta@nas.edu or call 202-334-2766.

- | | | |
|------------|---|-------------------------------------|
| 12:45 p.m. | Welcome and Introductions | <i>Paul Locke, Committee Chair</i> |
| 1:00 p.m. | Discussion with State Agencies <ul style="list-style-type: none">• Barbara Taylor, Deputy Commissioner of Health Protection, WV Bureau for Public Health• Lewis Halstead, Deputy Director, WV Department of Environmental Protection• Joey O'Quinn, Division of Mined Land Reclamation, VA Department of Mines, Minerals, and Energy | |
| 2:30 p.m. | Recap of Site Visit | <i>Paul Locke, Committee Chair</i> |
| 2:40 p.m. | Discussion with West Virginia Coal Association | <i>Jason Bostic, Vice President</i> |
| 3:00 p.m. | Environmental Group Panel <ul style="list-style-type: none">• Natalie Thompson, Ohio Valley Environmental Coalition• Vernon Haltom, Coal River Mountain Watch• Cindy Rank, West Virginia Highlands Conservancy | |
| 4:00 p.m. | <i>Open Session adjourns – 15 minute break</i> | |
-

6:30 p.m. Town Hall Forum

As part of a study examining the potential relationship between health risks and living near surface coal mining or reclamation sites, the National Academies will hold a town hall to gain insights and information from people living in the surrounding communities. The National Academies study committee invites community members to attend and share their perspectives on this topic. The focus of the study is people living near coal-mining areas rather than on occupational health of coal mine workers.

More information on the study can be found here: <http://www8.nationalacademies.org/cp/projectview.aspx?key=49846>

9:00 p.m. *Town Hall Forum Adjourns*

Programmatic Review Checklist for OSMRE Financial Assistance Programs

(For OSMRE Internal Use Only)

Version 5



Scope and Purpose of Review:

Program monitoring addresses the content and substance of the program. It is a qualitative review to determine performance, innovation, and contributions. It assesses whether award activities are consistent with the program narrative/work plan or proposed project activities identified in the application or agreement, and comply with statutory regulations and other policy guidelines. It also evaluates program outcomes and monitors administrative activities to ensure compliance with award terms & conditions and reporting requirements.

Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

1st Qrt Progress Review-Period Ending December 31st, 2017.

Findings - Initial Application:

	<u>Yes</u>	<u>No</u>	<u>N/A</u>
Objectives and Need for Assistance explains why the assistance is needed and states what the grant's primary and secondary objectives are.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Results and Benefits Expected describe how public health and safety will be protected and the environment or life of coalfield citizens will be improved during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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The number of trips and purpose of travel are necessary for successful performance of proposed work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Findings - Report Monitoring

Reported activities are in compliance with the approved plan and Federal regulations.
Performance report compares the planned activities to actual accomplishments.
Performance report provides explanation for any/all deviations from the approved plan.
Recipient has met / will meet the objectives of the approved plan within the established performance period.
Conducted AML Sub-account review. Funding usage is consistent with the program objectives of the grant.

Yes No N/A

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
Established goals were met or an acceptable explanation was provided for why they were not met.
Quantitative data was provided on the output of the completed project(s) or program activity.
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Watershed Cooperative Agreements Only

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Project partner(s) participation went according to plan.
Description, quantity, and calculated value of in-kind services or materials was included.

Yes No N/A

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Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations**Yes** **No**Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary).

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Prepared by: Joshua S. Rockwell

Date: 7/13/17

Reviewed by: Michael F. Kuhns

Date: 7/13/17

Approved by: Yetunde Richardson

Date: 7/13/17

Programmatic Review Checklist for OSMRE Financial Assistance Programs

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Version 5



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Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

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Program:

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Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

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Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
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Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Determinations / Recommendations**Yes** **No**Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary).

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Reviewed by: Michael F. Kuhns

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Approved by: Yetunde Richardson

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The National Academies of
SCIENCES • ENGINEERING • MEDICINE

April 24, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

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Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

Please find below a quarterly progress report for the National Academies of Sciences, Engineering, and Medicine (NASEM) project referenced above. It covers the period January 1 – March 31, 2017.

Activities undertaken in this quarter:

Project staff received internal approval for the provisional committee and posted it onto the National Academies Current Project Systems website for a 20-day comment period. No comments were received.

An opt-in mailing list was created to provide updates to the study, including future meetings and opportunities to provide input. This was sent to a list of contacts in government, industry, environmental, and public health fields.

The project director submitted a preliminary schedule of planned committee meetings, which has since been slightly modified. These are:

- March 7-8 Washington, DC
- May 22-24 West Virginia
- July 11-12 Washington, DC (*was originally June 20-22 in Kentucky*)
- August 21-23 Kentucky
- Meeting 5 Date and location to be determined

The first committee meeting was held on March 7-8, 2017, in Washington DC. The meeting was held at the Keck Center (500 5th St NW) and included an open session with presentations from OSMRE, USGS, and VA DEQ. The agenda for this meeting is included as Attachment 1.

The committee also held several teleconferences during this period to advance their study progress.

Activities anticipated in the next quarter:

The second committee meeting is scheduled for May 22-24, 2017, at the Chief Logan Lodge (1000 Conference Center Dr, Logan, WV, 25601). The open session will be held on the afternoon of May 23, and there will be a town hall public forum the evening of May 23. Invitees for this meeting include state agencies from Virginia and West Virginia, coal industry representatives, and local environmental groups.

Planning for the third and fourth meetings will also happen in this quarter. The committee is also planning for its third meeting, which will be held on July 11-12 in Washington, DC. The venue was moved from Kentucky to DC because people representing health studies with opposing claims will be invited, and NASEM staff felt a neutral venue would be important to ensure a substantive discussion. The fourth meeting will be held in Kentucky, and will include invited representatives from Kentucky and Tennessee state agencies.

Difficulties Encountered:

None at this time.

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

Committee Meeting 1
March 7, 2017

Keck Center
500 5th St NW
Washington, DC 20001

OPEN SESSION AGENDA

Tuesday, March 7 – Room 100

Registration opens at 1:30 p.m.

- | | | |
|-----------|--|---|
| 1:45 p.m. | Welcome and Introductions | <i>Paul Locke, Committee Chair</i> |
| 2:00 p.m. | Study Origin and Objectives | <i>Office of Surface Mining Reclamation
And Enforcement (OSMRE)</i> |
| 2:30 p.m. | Discussion with Federal and State Agencies <ul style="list-style-type: none">• <i>U.S. Geological Survey – Bill Orem, Project Chief, Environmental Health Effects of Energy Resources</i>• <i>Virginia Department of Health – Dwight Flammia, Public Health Toxicologist</i> | |
| 3:45 p.m. | Public Comment Period <p><i>Each speaker has a maximum time limit of 3 minutes. Accompanying written materials are encouraged.</i></p> | |
| 4:15 p.m. | <i>Open Session adjourns</i> | |

Programmatic Review Checklist for OSMRE Financial Assistance Programs

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Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

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Date: 7/13/17

Reviewed by: Michael F. Kuhns

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The National Academies of
SCIENCES • ENGINEERING • MEDICINE

April 24, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
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March 7, 2017

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| 2:00 p.m. | Study Origin and Objectives | <i>Office of Surface Mining Reclamation
And Enforcement (OSMRE)</i> |
| 2:30 p.m. | Discussion with Federal and State Agencies <ul style="list-style-type: none">• <i>U.S. Geological Survey – Bill Orem, Project Chief, Environmental Health Effects of Energy Resources</i>• <i>Virginia Department of Health – Dwight Flammia, Public Health Toxicologist</i> | |
| 3:45 p.m. | Public Comment Period
<i>Each speaker has a maximum time limit of 3 minutes. Accompanying written materials are encouraged.</i> | |
| 4:15 p.m. | <i>Open Session adjourns</i> | |

Programmatic Review Checklist for OSMRE Financial Assistance Programs

(For OSMRE Internal Use Only)

Version 5



Scope and Purpose of Review:

Program monitoring addresses the content and substance of the program. It is a qualitative review to determine performance, innovation, and contributions. It assesses whether award activities are consistent with the program narrative/work plan or proposed project activities identified in the application or agreement, and comply with statutory regulations and other policy guidelines. It also evaluates program outcomes and monitors administrative activities to ensure compliance with award terms & conditions and reporting requirements.

Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

1st Qrt Progress Review-Period Ending December 31st, 2017.

Findings - Initial Application:

	<u>Yes</u>	<u>No</u>	<u>N/A</u>
Objectives and Need for Assistance explains why the assistance is needed and states what the grant's primary and secondary objectives are.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Results and Benefits Expected describe how public health and safety will be protected and the environment or life of coalfield citizens will be improved during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Approach outlines the plan of action for the proposed scope of work as well as criteria and methodology to be used to evaluate results during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of Personnel and type of positions identified will adequately support the proposed program work to be accomplished during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The number of trips and purpose of travel are necessary for successful performance of proposed work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment identified is required for successful performance of proposed program work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Conducted AML subaccount review. Funding requested is consistent with the program objectives of the grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Supplies listed are needed to complete proposed program work during this grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Contractual services identified are essential to the successful performance of proposed work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other cost items identified are necessary expenses that must be incurred to meet program objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings - Report Monitoring

Reported activities are in compliance with the approved plan and Federal regulations.
Performance report compares the planned activities to actual accomplishments.
Performance report provides explanation for any/all deviations from the approved plan.
Recipient has met / will meet the objectives of the approved plan within the established performance period.
Conducted AML Sub-account review. Funding usage is consistent with the program objectives of the grant.

Yes	No	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
Established goals were met or an acceptable explanation was provided for why they were not met.
Quantitative data was provided on the output of the completed project(s) or program activity.
Conducted AML Sub-account review. Funding usage was consistent with the program objectives of the grant.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Watershed Cooperative Agreements Only

As built plan was included in the Closeout Project Performance Narrative.
Project partner(s) participation went according to plan.
Description, quantity, and calculated value of in-kind services or materials was included.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations**Yes** **No**Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary).

During the first-quarter of this eight-quarter cooperative agreement, NAS has successfully kept the project on track according to the cooperative agreement terms. NAS has assigned Deb Glickson to manage the project, and she is doing a great job transitioning into this role. The primary work effort for this period was starting to establish the NAS Committee for the project. Everything appears to be running as planned for this period.

Prepared by: Joshua S. Rockwell

Date: 7/13/17

Reviewed by: Michael F. Kuhns

Date: 7/13/17

Approved by: Yetunde Richardson

Date: 7/13/17

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

July 26, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

Please find below a quarterly progress report for the National Academies of Sciences, Engineering, and Medicine (NASEM) project referenced above. It covers the period April 1 – June 30, 2017.

Activities undertaken in this quarter:

The second committee meeting was May 22-24, 2017, at the Chief Logan Lodge in Logan, WV. There was a site visit on May 22, an open session on May 23, and a town hall public forum on the evening of May 23. Invitees for this meeting included state agencies from Virginia and West Virginia, local environmental groups, and the coal industry. May 24 was a closed session for committee and staff only. The agenda is included as Attachment 1.

We continue to use the opt-in mailing list to provide study updates to a wide variety of stakeholders and interested parties.

Activities anticipated in the next quarter:

Meeting 3 is July 11-13, 2017, at the Keck Center of the National Academies in Washington, DC. This meeting will focus on recent studies of potential human health effects from surface coal mining operations. There will be two open sessions on July 11 and 12 with panelists and speakers on this topic. July 13 will be a closed session for committee and staff only.

Meeting 4 is scheduled for Aug 21-23, 2017 in Kentucky (Hazard and Lexington). There will be a site visit on Monday, August 21, followed by a town hall that evening. The open session will be on the afternoon of Tuesday, August 22, and will include invited representatives from Kentucky and Tennessee state agencies and other experts. Wednesday, August 23 will be a closed session.

*Progress Report for Cooperative Agreement S16AC20034
April 1 – June 30, 2017*

Meeting 5 dates are Oct 24-26, and will be entirely closed session. The committee is likely to use an Academies facility in Woods Hole, MA.

The committee also expects to have 1-2 webinars with outside experts. These will be publicly available to call in to and listen to. The first is scheduled with Dr. Jonathan Borak on August 15 at 3pm EDT. More information will be provided before the webinar.

Difficulties Encountered:

We anticipate that a sixth meeting might be needed for deliberation and consensus building, because Meetings 2-4 had or will have significant amounts of time allocated to town halls, site visits, and open sessions. This limited the amount of time the committee was/will be able to spend in closed session. While we hope Meeting 5 will make up for the lack of closed session time, the committee would like a contingency plan in case another meeting.

This would not result in an increase in the cost of the study. Instead, staff would reallocate funds from staff time to accommodate any additional travel needed. It may lead to a one-month delay in the timeframe.

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

Committee Meeting 2
Tuesday, May 23, 2017
Conference Center

Chief Logan Lodge, Hotel and Conference Center
1000 Conference Center Drive
Logan, WV 25601
(304) 792-7125

OPEN SESSION AGENDA

For more information or to register to attend, email rchappetta@nas.edu or call 202-334-2766.

- | | | |
|------------|---|-------------------------------------|
| 12:45 p.m. | Welcome and Introductions | <i>Paul Locke, Committee Chair</i> |
| 1:00 p.m. | Discussion with State Agencies <ul style="list-style-type: none">• Barbara Taylor, Deputy Commissioner of Health Protection, WV Bureau for Public Health• Lewis Halstead, Deputy Director, WV Department of Environmental Protection• Joey O'Quinn, Division of Mined Land Reclamation, VA Department of Mines, Minerals, and Energy | |
| 2:30 p.m. | Recap of Site Visit | <i>Paul Locke, Committee Chair</i> |
| 2:40 p.m. | Discussion with West Virginia Coal Association | <i>Jason Bostic, Vice President</i> |
| 3:00 p.m. | Environmental Group Panel <ul style="list-style-type: none">• Natalie Thompson, Ohio Valley Environmental Coalition• Vernon Haltom, Coal River Mountain Watch• Cindy Rank, West Virginia Highlands Conservancy | |
| 4:00 p.m. | <i>Open Session adjourns – 15 minute break</i> | |
-

6:30 p.m. Town Hall Forum

As part of a study examining the potential relationship between health risks and living near surface coal mining or reclamation sites, the National Academies will hold a town hall to gain insights and information from people living in the surrounding communities. The National Academies study committee invites community members to attend and share their perspectives on this topic. The focus of the study is people living near coal-mining areas rather than on occupational health of coal mine workers.

More information on the study can be found here: <http://www8.nationalacademies.org/cp/projectview.aspx?key=49846>

9:00 p.m. *Town Hall Forum Adjourns*

Programmatic Review Checklist for OSMRE Financial Assistance Programs

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Version 5



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Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

1st Qrt Progress Review-Period Ending December 31st, 2017.

Findings - Initial Application:

	<u>Yes</u>	<u>No</u>	<u>N/A</u>
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Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings - Report Monitoring

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Yes No N/A

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
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Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Watershed Cooperative Agreements Only

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Project partner(s) participation went according to plan.
Description, quantity, and calculated value of in-kind services or materials was included.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations**Yes** **No**Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary).☒ ☐

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Prepared by: Joshua S. Rockwell

Date: 7/13/17

Reviewed by: Michael F. Kuhns

Date: 7/13/17

Approved by: Yetunde Richardson

Date: 7/13/17

FEDERAL FINANCIAL REPORT
(Follow form instructions)

1. Federal Agency and Organizational Element to Which Report is Submitted OSM			2. Federal Grant or Other Identifying Number Assigned by Federal Agency (To report multiple grants, use FFR Attachment) S16AC20034				Page 1 of 1 pages		
3. Recipient Organization (Name and complete address including Zip code) National Academies of Sciences, 500 5th Street, NW, Washington, DC 20001									
4a. DUNS Number 41964057		4b. EIN 530196932		5. Recipient Account Number or Identifying Number (To report multiple grants, use FFR Attachment) (b) (4)		6. Report Type <input checked="" type="checkbox"/> Quarterly <input type="checkbox"/> Semi-Annual <input type="checkbox"/> Annual <input type="checkbox"/> Final		7. Basis of Accounting <input checked="" type="checkbox"/> Cash <input type="checkbox"/> Accrual	
8. Project/Grant Period (Month, Day, Year) From: 8/1/2016				To: 7/31/2018		9. Reporting Period End Date (Month, Day, Year) 9/30/2016			
10. Transactions						Cumulative			
(Use lines a-c for single or multiple grant reporting)									
Federal Cash (To report multiple grants, also use FFR Attachment):									
a. Cash Receipts						\$		706.38	
b. Cash Disbursements						\$		2,903.40	
c. Cash on Hand (line a minus b)						\$		(2,197.02)	
(Use lines d-o for single grant reporting)									
Federal Expenditures and Unobligated Balance:									
d. Total Federal funds authorized						\$		1,003,553.00	
e. Federal share of expenditures						\$		2,903.40	
f. Federal share of unliquidated obligations						\$		-	
g. Total Federal share (sum of lines e and f)						\$		2,903.40	
h. Unobligated balance of Federal funds (line d minus g)						\$		1,000,649.60	
Recipient Share:									
i. Total recipient share required									
j. Recipient share of expenditures									
k. Remaining recipient share to be provided (line i minus j)									
Program Income:									
l. Total Federal program income earned									
m. Program income expended in accordance with the deduction alternative									
n. Program income expended in accordance with the addition alternative									
o. Unexpended program income (line l minus line m or line n)									
11.		a. Type	b. Rate	c. Period From	Period To	d. Base	e. Amount Charged		f. Federal Share
Indirect Expense		Fixed	G&A 23.2826%	7/1/2016	9/30/2016	2,355.06	548.32		548.32
		Fixed	FT 3.2257%	7/1/2016	9/30/2016	0.00	0.00		0.00
		Fixed	OH-Onsite 62.1189%	7/1/2016	9/30/2016	1,405.31	872.96		872.96
		Fixed	OH-Offsite 30.65%	7/1/2016	9/30/2016	0.00	0.00		0.00
					g. Totals:	3,760.37	1,421.28		1,421.28
12. Remarks: Attach any explanations deemed necessary or information required by Federal sponsoring agency in compliance with governing legislation:									
13. Certification: By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and intent set forth in the award documents. I am aware that any false, fictitious, or fraudulent information may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)									
a. Typed or Printed Name and Title of Authorized Certifying Official Levon Woodson, Sr. Accounting Manager						c. Telephone (Area code, number, and extension) 202-334-2176			
						d. Email Address lwoodson@nas.edu			
b. Signature of Authorized Certifying Official						e. Date Report Submitted (Month, Day, Year) 10/19/2016			
						14. Agency use only:			

Standard Form 425 - Revised 6/28/2010
OMB Approval Number: 0348-0061
Expiration Date: 10/31/2011

Paperwork Burden Statement

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is 0348-0061. Public reporting burden for this collection of information is estimated to average 1.5 hours 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 (0348-0061), Washington, DC 20503.

FEDERAL FINANCIAL REPORT

(Follow form instructions)

1. Federal Agency and Organizational Element to Which Report is Submitted OSM	2. Federal Grant or Other Identifying Number Assigned by Federal Agency (To report multiple grants, use FFR Attachment) S16AC20034-0001-X461	Page 1 of 1 pages
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3. Recipient Organization (Name and complete address including Zip code) National Academies of Sciences, 500 5th Street, NW, Washington, DC 20001		<input checked="" type="checkbox"/> Quarterly <input type="checkbox"/> Semi-Annual <input checked="" type="checkbox"/> Cash <input type="checkbox"/> Accrual
--	--	--

4a. DUNS Number 41964057	4b. EIN 530196932	5. Recipient Account Number or Identifying Number (To report multiple grants, use FFR Attachment) (b) (4)	6. Report Type	7. Basis of Accounting
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8. Project/Grant Period (Month, Day, Year) From: 8/1/2016 To: 7/31/2018		9. Reporting Period End Date (Month, Day, Year) 12/31/2016
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10. Transactions (Use lines a-c for single or multiple grant reporting)	Cumulative
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Federal Cash (To report multiple grants, also use FFR Attachment):	
a. Cash Receipts	\$ 27,906.19
b. Cash Disbursements	\$ 50,110.27
c. Cash on Hand (line a minus b)	\$ (22,204.08)

Federal Expenditures and Unobligated Balance:	
d. Total Federal funds authorized	\$ 1,003,553.00
e. Federal share of expenditures	\$ 50,110.27
f. Federal share of unliquidated obligations	\$
g. Total Federal share (sum of lines e and f)	\$ 50,110.27
h. Unobligated balance of Federal funds (line d minus g)	\$ 953,442.73

Recipient Share:	
i. Total recipient share required	
j. Recipient share of expenditures	
k. Remaining recipient share to be provided (line i minus j)	

Program Income:	
l. Total Federal program income earned	
m. Program income expended in accordance with the deduction alternative	
n. Program income expended in accordance with the addition alternative	
o. Unexpended program income (line l minus line m or line n)	

11.	a. Type	b. Rate	c. Period From	Period To	d. Base	e. Amount Charged	f. Federal Share
Indirect Expense	Fixed	G&A 23.2826%	10/1/2016	12/31/2016	15,741.48	3,665.03	3,665.03
	Fixed	FT 3.2257%	10/1/2016	12/31/2016	0.00	0.00	0.00
	Fixed	OH-Onsite 62.1189%	10/1/2016	12/31/2016	22,468.78	13,957.36	13,957.36
	Fixed	OH-Offsite 30.65%	10/1/2016	12/31/2016	0.00	0.00	0.00
	g. Totals:					38,210.26	17,622.38

12. Remarks: Attach any explanations deemed necessary or information required by Federal sponsoring agency in compliance with governing legislation:
--

13. Certification: By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and intent set forth in the award documents. I am aware that any false, fictitious, or fraudulent information may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)

a. Typed or Printed Name and Title of Authorized Certifying Official Levon Woodson, Sr. Accounting Manager	c. Telephone (Area code, number, and extension) 202-334-2176
	d. Email Address lwoodson@nas.edu
b. Signature of Authorized Certifying Official	e. Date Report Submitted (Month, Day, Year) 2/24/2017
14. Agency use only:	

Standard Form 425 - Revised 6/28/2010
OMB Approval Number: 0348-0061
Expiration Date: 10/31/2011

Paperwork Burden Statement

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FEDERAL FINANCIAL REPORT

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3. Recipient Organization (Name and complete address including Zip code) National Academies of Sciences, 500 5th Street, NW, Washington, DC 20001		<input checked="" type="checkbox"/> Quarterly <input type="checkbox"/> Semi-Annual <input type="checkbox"/> Cash <input type="checkbox"/> Accrual
--	--	--

4a. DUNS Number 41964057	4b. EIN 530196932	5. Recipient Account Number or Identifying Number (To report multiple grants, use FFR Attachment) (b) (4)	6. Report Type	7. Basis of Accounting
------------------------------------	-----------------------------	---	----------------	------------------------

8. Project/Grant Period (Month, Day, Year) From: 8/1/2016 To: 7/31/2018	9. Reporting Period End Date (Month, Day, Year) 3/31/2017
--	---

10. Transactions	Cumulative
------------------	------------

(Use lines a-c for single or multiple grant reporting)

Federal Cash (To report multiple grants, also use FFR Attachment):

a. Cash Receipts	\$	87,929.57
b. Cash Disbursements	\$	137,535.15
c. Cash on Hand (line a minus b)	\$	(49,605.58)

(Use lines d-o for single grant reporting)

Federal Expenditures and Unobligated Balance:

d. Total Federal funds authorized	\$	1,003,533.00
e. Federal share of expenditures	\$	137,535.15
f. Federal share of unliquidated obligations	\$	-
g. Total Federal share (sum of lines e and f)	\$	137,535.15
h. Unobligated balance of Federal funds (line d minus g)	\$	865,997.85

Recipient Share:

i. Total recipient share required	
j. Recipient share of expenditures	
k. Remaining recipient share to be provided (line i minus j)	

Program Income:

l. Total Federal program income earned	
m. Program income expended in accordance with the deduction alternative	
n. Program income expended in accordance with the addition alternative	
o. Unexpended program income (line l minus line m or line n)	

11.	a. Type	b. Rate	c. Period From	Period To	d. Base	e. Amount Charged	f. Federal Share
Indirect Expense	Fixed	G&A 23.2826%	1/1/2017	3/31/2017	71,683.40	15,741.46	15,741.46
	Fixed	FT 3.2257%	1/1/2017	3/31/2017	0.00	0.00	0.00
	Fixed	OH-Onsite 62.1189%	1/1/2017	3/31/2017	40,118.18	25,074.95	25,074.95
	Fixed	OH-Offsite 30.65%	1/1/2017	3/31/2017	0.00	0.00	0.00
	g. Totals:				111,801.58	40,816.41	40,816.41

12. Remarks: Attach any explanations deemed necessary or information required by Federal sponsoring agency in compliance with governing legislation: Per Carla Garcia this report is marked awaiting the final payment. Once in receipt of final payment we will revise the SF425 and resubmit.

13. Certification: By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and intent set forth in the award documents. I am aware that any false, fictitious, or fraudulent information may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)

a. Typed or Printed Name and Title of Authorized Certifying Official Levon Woodson, Sr. Accounting Manager	c. Telephone (Area code, number, and extension) 202-334-2176
	d. Email Address lwoodson@nas.edu
b. Signature of Authorized Certifying Official	e. Date Report Submitted (Month, Day, Year) 7/13/2017
	14. Agency use only:

Standard Form 425 - Revised 6/28/2010
OMB Approval Number: 0348-0061
Expiration Date: 10/31/2011

Paperwork Burden Statement

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is 0348-0061. Public reporting burden for this collection of information is estimated to average 1.5 hours 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 (0348-0061), Washington, DC 20503.

FEDERAL FINANCIAL REPORT

(Follow form instructions)

1. Federal Agency and Organizational Element to Which Report is Submitted <div style="text-align: center;">OSM</div>		2. Federal Grant or Other Identifying Number Assigned by Federal Agency (To report multiple grants, use FFR Attachment) <div style="text-align: center;">S16AC20034-0001-X461</div>		Page 1 of 1 pages			
3. Recipient Organization (Name and complete address including Zip code) National Academies of Sciences, 500 5th Street, NW, Washington, DC 20001							
4a. DUNS Number 41964057	4b. EIN 530196932	5. Recipient Account Number or Identifying Number (To report multiple grants, use FFR Attachment) <div style="text-align: center;">(b) (4)</div>	6. Report Type <input checked="" type="checkbox"/> Quarterly <input type="checkbox"/> Semi-Annual <input type="checkbox"/> Annual <input type="checkbox"/> Final	7. Basis of Accounting <input checked="" type="checkbox"/> Cash <input type="checkbox"/> Accrual			
8. Project/Grant Period (Month, Day, Year) From: 8/1/2016 To: 7/31/2018			9. Reporting Period End Date (Month, Day, Year) 6/30/2017				
10. Transactions (Use lines a-c for single or multiple grant reporting)			Cumulative				
Federal Cash (To report multiple grants, also use FFR Attachment):							
a. Cash Receipts			\$	251,284.12			
b. Cash Disbursements			\$	265,526.25			
c. Cash on Hand (line a minus b)			\$	(14,242.13)			
(Use lines d-o for single grant reporting)							
Federal Expenditures and Unobligated Balance:							
d. Total Federal funds authorized			\$	1,003,533.00			
e. Federal share of expenditures			\$	265,526.25			
f. Federal share of unliquidated obligations			\$	-			
g. Total Federal share (sum of lines e and f)			\$	265,526.25			
h. Unobligated balance of Federal funds (line d minus g)			\$	738,006.75			
Recipient Share:							
i. Total recipient share required							
j. Recipient share of expenditures							
k. Remaining recipient share to be provided (line i minus j)							
Program Income:							
l. Total Federal program income earned							
m. Program income expended in accordance with the deduction alternative							
n. Program income expended in accordance with the addition alternative							
o. Unexpended program income (line l minus line m or line n)							
11.	a. Type	b. Rate	c. Period From	Period To	d. Base	e. Amount Charged	f. Federal Share
Indirect Expense	Fixed	G&A 23.2826%	4/1/2017	6/30/2017	104,945.50	23,045.72	23,045.72
	Fixed	FT 3.2257%	4/1/2017	6/30/2017	0.00	0.00	0.00
	Fixed	OH-Onsite 62.1189%	4/1/2017	6/30/2017	47,559.35	29,725.88	29,725.88
	Fixed	OH-Offsite 30.65%	4/1/2017	6/30/2017	0.00	0.00	0.00
					g. Totals:	152,504.85	52,771.59
12. Remarks: Attach any explanations deemed necessary or information required by Federal sponsoring agency in compliance with governing legislation:							
13. Certification: By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and intent set forth in the award documents. I am aware that any false, fictitious, or fraudulent information may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)							
a. Typed or Printed Name and Title of Authorized Certifying Official Levon Woodson, Sr. Accounting Manager				c. Telephone (Area code, number, and extension) 202-334-2176 d. Email Address lwoodson@nas.edu			
b. Signature of Authorized Certifying Official				e. Date Report Submitted (Month, Day, Year) 7/13/2017 14. Agency use only:			

Standard Form 425 - Revised 6/28/2010

OMB Approval Number: 0348-0061

Expiration Date: 10/31/2011

Paperwork Burden Statement

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GRANT OR COOPERATIVE AGREEMENT MONITORING STATEMENT

Recipient Name National Academy of Sciences

Grant Number S16AC20034

Reporting Period 4/1/17 - 6/30/17

Report(s) Due Date 7/31/17

Date Received 7/14/17

Explanation if late: On

I. Monitoring Actions Performed

Reviewed SF425

Validated financial information against ASAP/EMIS.

II. Findings

The SF425 matches the information in ASAP/EMIS

III. Recommended Actions

NONE

Prepared by: Yetunde Richardson, Grants Specialist

Date Jul 14, 2017

GRANT OR COOPERATIVE AGREEMENT MONITORING STATEMENT

Recipient Name National Academy of Sciences

Grant Number S16AC20034

Reporting Period 01/1/17-3/31/17

Report(s) Due Date Apr 30, 2017

Date Received Jul 13, 2017

Explanation if late: Original documentation misplaced. Requested duplicate report, received on 7/13/17

I. Monitoring Actions Performed

Reviewed SF425

Validated financial information against ASAP/EMIS.

II. Findings

The SF425 matches the information in ASAP/EMIS

III. Recommended Actions

NONE

Prepared by: Yetunde Richardson, Grants Specialist

Date Jul 14, 2017

GRANT OR COOPERATIVE AGREEMENT MONITORING STATEMENT

Recipient Name National Academy of Sciences

Grant Number S16AC20034

Reporting Period 10/1/16-12/31/16

Report(s) Due Date 11/31/17

Date Received 7/13/17

Explanation if late: Original documentation misplaced. Requested duplicate report, received on 7/13/17

I. Monitoring Actions Performed

Reviewed SF425

Validated financial information against ASAP/EMIS.

II. Findings

The SF425 matches the information in ASAP/EMIS

III. Recommended Actions

NONE

Prepared by: Yetunde Richardson, Grants Specialist

Date Jul 14, 2017

GRANT OR COOPERATIVE AGREEMENT MONITORING STATEMENT

Recipient Name National Academy of Sciences

Grant Number S16AC20034

Reporting Period 8/1/16-9/30/16

Report(s) Due Date

Date Received

Nov 10, 2016

Explanation if late:

I. Monitoring Actions Performed

Reviewed SF425

Validated financial information against ASAP/EMIS.

II. Findings

The SF425 matches the information in ASAP/EMIS

III. Recommended Actions

NONE

Prepared by: Yetunde Richardson, Grants Specialist

Date

Nov 10, 2016

GRANTS ACTION CHECKLIST

Type of Action: Initial Award

Recipient: National Academy of Sciences

Grant Number: 16A C20034

Amendment No. N/A

Grant Title: FA DC FY2016 AS NAS

Period of Performance: 08/01/2016 To 07/31/2018

Date Application Received: 07/06/2016

Date Application Accepted: 07/06/2016

Previous Funding: \$ 0.00

This Action: \$ 1,003,553.00

Total: \$ 1,003,553.00

File Section	Summary of Requested Action:		Yes	No	N/A
	Initial Award				
1	Application for Federal Assistance SF-424		✓		
1	Budget Information OSM-47 /-49/ other format		✓		
1	Budget Narrative (Integrated into Proposal)		✓		
1	Program Narrative OSM 51 / other format		✓		
1	SF-LLL Disclosure of Lobbying Activities (If applicable)		✓		
1	Assurance for Non-Construction/Construction Projects (SF-424B/424D)		✓		
1	Indirect Cost Rate Agreement		✓		
1	IRS 501c3 Non-Profit Designation				✓
1	Federal Financial Report SF-425				✓
1	Narrative Performance Report OSM-51 / other format		✓		
1	Tangible Personal Property Report SF-428				✓
1	Acknowledgement of Receipt of Application		✓		
3	EO 12372 Federal Register Notice				✓
2	Funding Allocation/Allotment		✓		
2	Submit Congressional Notice of Planned Award - Weekly Report				
2	Programmatic Review completed by PSD on 07/06/2016		✓		
3	Financial Capabilities Review				✓
N/A	FBMS Purchase Requisition Number 20107378		✓		
3	Risk Assessment <input checked="" type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High		✓		
3	System for Award Management (https://www.sam.gov) Active Registration & No Exclusions		✓		
3	Federal Awardee Performance Integrity Information System (https://fapiis.gov)		✓		
3	Federal Audit Clearinghouse (https://harvester.census.gov)		✓		
5	Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS) (https://www.usaspending.gov)		✓		
2	Create PRISM Award / Amendment		✓		
5	Create / Revise PRISM Milestone Plan Report		✓		
2	NFR Checklist				

Pre-Award Discussions:

40253390

FINANCIAL REVIEW

This financial review was performed in accordance with FAM 7-210 (TS)

FINDINGS

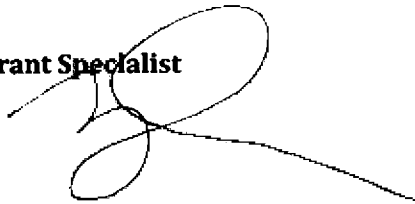
	Yes	No	N/A
Application is signed and dated by authorized official.	✓		
Budget calculations are mathematically correct.	✓		
Proposed budget will use allotted fund types appropriately.	✓		
Proposed costs are allowable.	✓		
Proposed cost items/amounts are necessary and reasonable.	✓		
Proposed non-Federal funds meet the state's required program share.			✓
Recipient has secured a 2.5:1 ratio of partner funding to OSMRE funding.			✓
Financial Report is consistent with ASAP and FBMS.			✓
Financial Report includes all contributions to the WCAP project.			✓

Additional Findings:

RECOMMENDATIONS

Reason application was not processed within _____ days allowed:

Grant Specialist



Peer Review

Management Review

PRISM Approval/Release Date:

Approved to Certify Date:

ASAP Verification Date:

Recipient Notification Date:

☐

Copy of award / amendment, ASAP verification, and recipient notice placed in File Segment 2.

FAC YR 5/24/16

NATIONAL ACADEMY OF SCIENCES

Schedule of Findings and Questioned Costs

Year ended December 31, 2014

Section I – Summary of Auditors' Reports

Financial Statements

The type of report issued on the financial statements: Unmodified opinion

Internal control over financial reporting:

- Material weaknesses identified? No
- Significant deficiencies identified that are not considered to be material weaknesses? None reported

Noncompliance material to the financial statements noted? No

Federal Awards

Internal control over major programs:

- Material weaknesses identified? No
- Significant deficiencies identified that are not considered to be material weaknesses? None reported

Type of auditors' report issued on compliance for major programs: Unmodified opinion

Any audit findings which are required to be reported under Section. 510(a) of OMB Circular A-133: Yes

- Identification of major programs: Research and Development Cluster

Dollar threshold used to distinguish between type A and type B programs: \$3,000,000

Auditee qualified as low risk auditee under Section. 530 of OMB Circular A-133 Yes

Section II – Findings Relating to the Financial Statements Reported in Accordance with *Government Auditing Standards*:

None.

NOTE: You must click [here](#) for very important D&B information. (/pages/db.aspx)

(/)

Search Data by Keyword Search Site

 Enter Keyword

An official website of the U.S. Government

Advanced Data Search (/Pages/AdvancedSearch.aspx)

[USAspending \(/Pages/default.aspx\)](#) > [Where is the Money Going \(/transparency/Pages/default.aspx\)](#) > Recipient Profile

« Go back

RECIPIENT PROFILE: NATIONAL ACADEMY OF SCIENCES

Address

2101 CONSTITUTION AVE NW
Washington, District of Columbia 20418

DUNS Number

041964057

Fiscal Year 2016 ▼

Go

[Prime Award Data](#)

[Prime Award As A Sub Data](#)

Total Funds Awarded - FY 2016

\$108,425,504

Total Number of Transactions - FY 2016

499

Total Funds Awarded as Prime - FY 2016

\$108,425,504

Total Transactions as Prime - FY 2016

499

Total Funds Awarded as Sub - FY 2016

\$0

Total Transactions as Sub - FY 2016

0

PRIME'S SUB-AWARDEES

Grants	
1. ICF INCORPORATED, L.L.C.	\$1,500,000
2. KITTELSON & ASSOCIATES, INC.	\$845,000
3. TEXAS A&M TRANSPORTATION INSTITUTE	\$795,000
4. PARSONS BRINCKERHOFF, INC.	\$724,795
5. IOWA STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY	\$599,986

[Text View and More Details on All Grants \(https://www.usaspending.gov/Pages/TextView.aspx?data=RecipientPrimeSubAwardeeByAwardType&AwardType=G&dunsnumber=041964057&fiscalyear=2016\)](https://www.usaspending.gov/Pages/TextView.aspx?data=RecipientPrimeSubAwardeeByAwardType&AwardType=G&dunsnumber=041964057&fiscalyear=2016)

TOP PRODUCTS OR SERVICES

1. Other Management Support Services	\$8,710,455
2. Other Administrative Support Services	\$8,563,425
3. Other Professional Services	\$6,564,064
4. Other Special Studies and Analyses	\$4,606,914
5. Operations Research and Quantitative Analysis Services	\$1,660,510

[Text View and More Details on Top Products/Services \(https://www.usaspending.gov/Pages/TextView.aspx?data=RecipientProductOrService&dunsnumber=041964057&fiscalyear=2016\)](https://www.usaspending.gov/Pages/TextView.aspx?data=RecipientProductOrService&dunsnumber=041964057&fiscalyear=2016)

AWARDING AGENCIES

1. Department of Transportation	\$52,577,414
2. Department of Defense	\$21,166,596
3. National Aeronautics and Space Administration	\$6,481,742
4. Department of Health and Human Services	\$6,075,708
5. U.S. Agency for International Development	\$4,769,161

[Text View and More Details on Awarding Agencies \(https://www.usaspending.gov/Pages/TextView.aspx?data=RecipientPrimeAwardingAgency&dunsnumber=041964057&fiscalyear=2016\)](https://www.usaspending.gov/Pages/TextView.aspx?data=RecipientPrimeAwardingAgency&dunsnumber=041964057&fiscalyear=2016)

SUB-AWARDS RECEIVED

No Data Found

2016 USAspending.gov

[openbeta.usaspending.gov \(/Pages/OpenBeta.aspx\)](https://openbeta.usaspending.gov/Pages/OpenBeta.aspx) | [Data Act \(/Pages/data-act.aspx\)](https://openbeta.usaspending.gov/Pages/data-act.aspx) | [Accessibility \(/Pages/Accessibility.aspx\)](https://openbeta.usaspending.gov/Pages/Accessibility.aspx)
| [Privacy Policy \(/Pages/Privacy-Policy.aspx\)](https://openbeta.usaspending.gov/Pages/Privacy-Policy.aspx) | [Opportunities \(/Pages/opportunities.aspx\)](https://openbeta.usaspending.gov/Pages/opportunities.aspx) | [Freedom of Information Act \(/Pages/FOIA.aspx\)](https://openbeta.usaspending.gov/Pages/FOIA.aspx)

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[Back](#)**Search Results**

Entity: NATIONAL ACADEMY OF SCIENCES

DUNS: 041964057

[View Corporate Relationships](#)

CAGE: 1D969

FAPIIS Data	Records	Count
Administrative Agreement	No	0
Defective Pricing	No	0
DoD Determination of Contractor Fault	No	0
Non-Responsibility Determination	No	0
Recipient Not-Qualified Determination	No	0
Termination for Cause	No	0
Termination for Default	No	0
Termination for Material Failure to Comply	No	0

Proceedings Information as Entered by the Entity in SAM.gov

- Question: Does your business or organization (represented by the DUNS number on this specific Entity Management section of SAM record) have current active Federal contracts and/or grants with total value (including any exercised/unexercised options) greater than \$10,000,000?

***Contractor Response: **Yes**

- Question: Within the last five years, has your business or organization (represented by the DUNS number on this specific Entity Management section of SAM record) and/or any of its principals, in connection with the award to or performance by your business or organization of a Federal contract or grant, been the subject of a Federal or State (1) criminal proceeding resulting in a conviction or other acknowledgment of fault; (2) civil proceeding resulting in a finding of fault with a monetary fine, penalty, reimbursement, restitution, and/or damages greater than \$5,000, or other acknowledgment of fault; and/or (3) administrative proceeding resulting in a finding of fault with either a monetary fine or penalty greater than \$5,000 or reimbursement, restitution, or damages greater than \$100,000, or other acknowledgment of fault?

Contractor Response: **No*SAM Exclusion Data**

*** No matching Performance Information section of SAM records were found based on the search criteria information we have. You may want to ~~search the Performance Information section of SAM directly.~~

USER NAME PASSWORD

[Forgot Username?](#) [Forgot Password?](#)

[Create an Account](#)

Entity Dashboard

- Entity Overview
- Entity Registration
 - Core Data
 - Assertions
 - Reps & Certs
 - POCs
- Exclusions
 - Active Exclusions
 - Inactive Exclusions
 - Excluded Family Members

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NATIONAL ACADEMY OF SCIENCES
 1000 L STREET, NW
 WASHINGTON, DC 20004-4242
 202-334-2100

DAVID WESTBROOK
 1000 L STREET, NW
 WASHINGTON, DC 20004-4242

Entity Overview

Entity Registration Summary

Name: National Academy of Sciences
Business Type: Business or Organization
Last Updated By: DAVID WESTBROOK
Registration Status: Active
Activation Date: 01/28/2016
Expiration Date: 01/27/2017

Exclusion Summary

Active Exclusion Records? No

SAM | System for Award Management 1.0

IBM v1.P.48.20160624-1124

WWW4

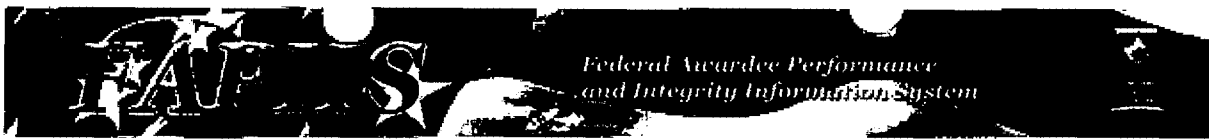
Note to all Users: This is a Federal Government computer system. Use of this system constitutes consent to monitoring at all times.



Sam.gov

check

1/16/16

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Entity: NATIONAL ACADEMY OF SCIENCES

DUNS: 041964057

[View Corporate Relationships](#)

CAGE: 1D969

FAPIIS Data	Records	Count
Administrative Agreement	No	0
Defective Pricing	No	0
DoD Determination of Contractor Fault	No	0
Non-Responsibility Determination	No	0
Recipient Not-Qualified Determination	No	0
Termination for Cause	No	0
Termination for Default	No	0
Termination for Material Failure to Comply	No	0

Proceedings Information as Entered by the Entity in SAM.gov

- Question: Does your business or organization (represented by the DUNS number on this specific Entity Management section of SAM record) have current active Federal contracts and/or grants with total value (including any exercised/unexercised options) greater than \$10,000,000?
***Contractor Response: **Yes**
- Question: Within the last five years, has your business or organization (represented by the DUNS number on this specific Entity Management section of SAM record) and/or any of its principals, in connection with the award to or performance by your business or organization of a Federal contract or grant, been the subject of a Federal or State (1) criminal proceeding resulting in a conviction or other acknowledgment of fault; (2) civil proceeding resulting in a finding of fault with a monetary fine, penalty, reimbursement, restitution, and/or damages greater than \$5,000, or other acknowledgment of fault; and/or (3) administrative proceeding resulting in a finding of fault with either a monetary fine or penalty greater than \$5,000 or reimbursement, restitution, or damages greater than \$100,000, or other acknowledgment of fault?
***Contractor Response: **No**

SAM Exclusion Data

*** No matching Performance Information section of SAM records were found based on the search criteria information we have. You may want to [search the Performance Information section of SAM directly at](#)

5. Use the Office of Surface Mining Reclamation and Enforcement (OSMRE)-specific risk assessment checklist to conduct the assessment. See Attachment 1 for this checklist.
6. Develop a monitoring strategy based on the results of the assessment.
7. Implement the monitoring strategy and document your results.

Instructions: This checklist shall be completed prior to new award for a recipient for the purpose of establishing a monitoring strategy that will contribute to the overall bureau-specific monitoring plan. If the preparer has selected "N/A" for a risk category, a brief explanation shall be provided in the Comments Section of the form.

CFDA Number(s) 15.255 **CFDA Program Name(s)** Applied Science **Award Number(s)** S16AC20034

Total Funds Awarded \$ 1,003,553 **Recipient Name** National Academy of Science

Project Title(s) and Location Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia
Contract/Financial Assistance Specialist Yetunde Richardson **Technical Staff Person** Joshua Rockwell, Michael Kuhns

Scale for Risk Evaluation

Label	Description
Not Applicable or N/A	<p>Definition: A commonly used abbreviation used for entering nothing in a form or table field because no data are relevant to the situation.</p> <ul style="list-style-type: none"> • A risk category does not apply to either the program requirements or recipient.
Low	<p>Definition: Low inherent risk exists where the volume, size, or nature of the activity is such that even if the internal controls have weaknesses, the risk of loss is remote, or if a loss would occur, it would have little negative impact on the recipient's overall financial condition, the program's compliance with federal financial assistance requirements, or program statutory requirements.</p> <ul style="list-style-type: none"> • A recipient requests a site visit or desk audit review for the purpose of technical assistance. • A recipient who has submitted timely Single Audit, financial and technical reports.

	<ul style="list-style-type: none"> • Single Audit finding such as adverse opinions that specifically impacts award implementation. • It has been more than one year since the recipient received a Single Audit. • Bureau staff, citizen or recipient employee has reported waste, fraud or abuse.
--	---

<u>RISK CATEGORY</u>	<u>RISK DESCRIPTION</u>	<u>RATING LABEL: N/A, Low, Medium, or High</u>	<u>COMMENT</u>
1. Award(s) Priority	How important is the grant/cooperative agreement(s) awarded to the recipient within the context of the awarding office's goals and objective?		AML-HIGH; REG-MED; ALL OTHERS LOW
2. Award(s) Potential for Implementation Problems	What is the potential for implementation problems (with high being a highly complex award with the greatest potential for problems)?		AML & REG = MED; ALL OTHERS HIGH

	<ul style="list-style-type: none"> - More than 2 (High Risk) e. Findings for Non-Compliance for Federal Awards: - None (LOW) - 1 or more (HIGH) 		
13. Bureau-Specific Risk Category		Low	
FINAL RISK CATEGORY AND MONITORING LEVEL (Low, Medium or High Risk): CIRCLE ONE <div style="text-align: center;">LOW</div>			

Basis for Monitoring Level Decision: The above Risk Category and Monitoring level is based on one or more of the following factors: our award history with the recipient, the recipient's performance history, annual evaluations of the recipients, and the level of risk factors rated.

NFR DOI-2010-800 Pre-Award Document Review Checklist				
Grant/Cooperative Agreement #:	S16ACC20034			
Recipient:	NAS			
Program:	Applied Science			
	Grant Specialist	Date	Reviewer	Date
Award was created from the applicable funding opportunity	YR	7/22/2016	JB	7/22/2016
Draft award document includes correct CFDA	YR	7/22/2016	JB	7/22/2016
Draft award document includes appropriate terms & conditions	YR	7/22/2016	JB	7/22/2016
This checklist MUST be filed in the official grant/cooperative agreement folder				

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

January 25, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

Please find below a quarterly progress report for the National Academies of Sciences, Engineering, and Medicine (NASEM) project referenced above. It covers the period October 1 - December 31, 2016.

Activities undertaken in this quarter:

NASEM staff vetted potential nominees for committee membership. There were over 240 names that were submitted for consideration in response to the call for nominations. In addition, staff gathered background information, discussed the study with the Mountaintop Removal interagency group, and contacted OSMRE to discuss study schedule committee processes.

The first committee meeting is scheduled for March 7-8, 2017, in Washington DC. The meeting will be held at the Keck Center (500 5th St NW).

Activities anticipated in the next quarter:

NASEM staff will receive internal approval for the provisional committee and post membership onto the National Academies Current Project Systems website for a 20-day comment period.

Staff will determine the availabilities of provisional committee members for additional committee meetings, gather and disseminate background material for the committee, and plan and execute the first meeting. Future meeting dates will be provided to OSMRE as soon as possible.

Difficulties Encountered:

None, although please note that the milestone to have the committee approved is slightly behind schedule. Committee membership is critical to the project's success, so staff did not want to sacrifice quality in an effort to meet a specific time milestone. Staff are working on other methods to tighten the study schedule, particularly once the committee is approved.

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

April 24, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

Please find below a quarterly progress report for the National Academies of Sciences, Engineering, and Medicine (NASEM) project referenced above. It covers the period January 1 – March 31, 2017.

Activities undertaken in this quarter:

Project staff received internal approval for the provisional committee and posted it onto the National Academies Current Project Systems website for a 20-day comment period. No comments were received.

An opt-in mailing list was created to provide updates to the study, including future meetings and opportunities to provide input. This was sent to a list of contacts in government, industry, environmental, and public health fields.

The project director submitted a preliminary schedule of planned committee meetings, which has since been slightly modified. These are:

- March 7-8 Washington, DC
- May 22-24 West Virginia
- July 11-12 Washington, DC (*was originally June 20-22 in Kentucky*)
- August 21-23 Kentucky
- Meeting 5 Date and location to be determined

The first committee meeting was held on March 7-8, 2017, in Washington DC. The meeting was held at the Keck Center (500 5th St NW) and included an open session with presentations from OSMRE, USGS, and VA DEQ. The agenda for this meeting is included as Attachment 1.

The committee also held several teleconferences during this period to advance their study progress.

Activities anticipated in the next quarter:

The second committee meeting is scheduled for May 22-24, 2017, at the Chief Logan Lodge (1000 Conference Center Dr, Logan, WV, 25601). The open session will be held on the afternoon of May 23, and there will be a town hall public forum the evening of May 23. Invitees for this meeting include state agencies from Virginia and West Virginia, coal industry representatives, and local environmental groups.

Planning for the third and fourth meetings will also happen in this quarter. The committee is also planning for its third meeting, which will be held on July 11-12 in Washington, DC. The venue was moved from Kentucky to DC because people representing health studies with opposing claims will be invited, and NASEM staff felt a neutral venue would be important to ensure a substantive discussion. The fourth meeting will be held in Kentucky, and will include invited representatives from Kentucky and Tennessee state agencies.

Difficulties Encountered:

None at this time.

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

Committee Meeting 1
March 7, 2017

Keck Center
500 5th St NW
Washington, DC 20001

OPEN SESSION AGENDA

Tuesday, March 7 – Room 100

Registration opens at 1:30 p.m.

- | | | |
|-----------|--|---|
| 1:45 p.m. | Welcome and Introductions | <i>Paul Locke, Committee Chair</i> |
| 2:00 p.m. | Study Origin and Objectives | <i>Office of Surface Mining Reclamation
And Enforcement (OSMRE)</i> |
| 2:30 p.m. | Discussion with Federal and State Agencies <ul style="list-style-type: none">• <i>U.S. Geological Survey – Bill Orem, Project Chief, Environmental Health Effects of Energy Resources</i>• <i>Virginia Department of Health – Dwight Flammia, Public Health Toxicologist</i> | |
| 3:45 p.m. | Public Comment Period
<i>Each speaker has a maximum time limit of 3 minutes. Accompanying written materials are encouraged.</i> | |
| 4:15 p.m. | <i>Open Session adjourns</i> | |

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

July 26, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

Please find below a quarterly progress report for the National Academies of Sciences, Engineering, and Medicine (NASEM) project referenced above. It covers the period April 1 – June 30, 2017.

Activities undertaken in this quarter:

The second committee meeting was May 22-24, 2017, at the Chief Logan Lodge in Logan, WV. There was a site visit on May 22, an open session on May 23, and a town hall public forum on the evening of May 23. Invitees for this meeting included state agencies from Virginia and West Virginia, local environmental groups, and the coal industry. May 24 was a closed session for committee and staff only. The agenda is included as Attachment 1.

We continue to use the opt-in mailing list to provide study updates to a wide variety of stakeholders and interested parties.

Activities anticipated in the next quarter:

Meeting 3 is July 11-13, 2017, at the Keck Center of the National Academies in Washington, DC. This meeting will focus on recent studies of potential human health effects from surface coal mining operations. There will be two open sessions on July 11 and 12 with panelists and speakers on this topic. July 13 will be a closed session for committee and staff only.

Meeting 4 is scheduled for Aug 21-23, 2017 in Kentucky (Hazard and Lexington). There will be a site visit on Monday, August 21, followed by a town hall that evening. The open session will be on the afternoon of Tuesday, August 22, and will include invited representatives from Kentucky and Tennessee state agencies and other experts. Wednesday, August 23 will be a closed session.

*Progress Report for Cooperative Agreement S16AC20034
April 1 – June 30, 2017*

Meeting 5 dates are Oct 24-26, and will be entirely closed session. The committee is likely to use an Academies facility in Woods Hole, MA.

The committee also expects to have 1-2 webinars with outside experts. These will be publicly available to call in to and listen to. The first is scheduled with Dr. Jonathan Borak on August 15 at 3pm EDT. More information will be provided before the webinar.

Difficulties Encountered:

We anticipate that a sixth meeting might be needed for deliberation and consensus building, because Meetings 2-4 had or will have significant amounts of time allocated to town halls, site visits, and open sessions. This limited the amount of time the committee was/will be able to spend in closed session. While we hope Meeting 5 will make up for the lack of closed session time, the committee would like a contingency plan in case another meeting.

This would not result in an increase in the cost of the study. Instead, staff would reallocate funds from staff time to accommodate any additional travel needed. It may lead to a one-month delay in the timeframe.

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

Committee Meeting 2
Tuesday, May 23, 2017
Conference Center

Chief Logan Lodge, Hotel and Conference Center
1000 Conference Center Drive
Logan, WV 25601
(304) 792-7125

OPEN SESSION AGENDA

For more information or to register to attend, email rchappetta@nas.edu or call 202-334-2766.

- 12:45 p.m. **Welcome and Introductions** *Paul Locke, Committee Chair*
- 1:00 p.m. **Discussion with State Agencies**
- Barbara Taylor, Deputy Commissioner of Health Protection, WV Bureau for Public Health
 - Lewis Halstead, Deputy Director, WV Department of Environmental Protection
 - Joey O'Quinn, Division of Mined Land Reclamation, VA Department of Mines, Minerals, and Energy
- 2:30 p.m. **Recap of Site Visit** *Paul Locke, Committee Chair*
- 2:40 p.m. **Discussion with West Virginia Coal Association** *Jason Bostic, Vice President*
- 3:00 p.m. **Environmental Group Panel**
- Natalie Thompson, Ohio Valley Environmental Coalition
 - Vernon Haltom, Coal River Mountain Watch
 - Cindy Rank, West Virginia Highlands Conservancy
- 4:00 p.m. *Open Session adjourns – 15 minute break*
-

6:30 p.m. Town Hall Forum

As part of a study examining the potential relationship between health risks and living near surface coal mining or reclamation sites, the National Academies will hold a town hall to gain insights and information from people living in the surrounding communities. The National Academies study committee invites community members to attend and share their perspectives on this topic. The focus of the study is people living near coal-mining areas rather than on occupational health of coal mine workers.

More information on the study can be found here: <http://www8.nationalacademies.org/cp/projectview.aspx?key=49846>

9:00 p.m. *Town Hall Forum Adjourns*

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

July 26, 2017

TO: Michael Kuhns, Joshua Rockwell, Yetunde Richardson
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Ave NW
Washington, DC 20240

FROM: Deborah Glickson, Study Director
Board on Earth Sciences and Resources
National Academies of Sciences, Engineering, and Medicine
500 5th St NW
Washington, DC 20001

**Progress Report for Cooperative Agreement S16AC20034:
Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia**

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*Progress Report for Cooperative Agreement S16AC20034
April 1 – June 30, 2017*

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Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

Committee Meeting 2
Tuesday, May 23, 2017
Conference Center

Chief Logan Lodge, Hotel and Conference Center
1000 Conference Center Drive
Logan, WV 25601
(304) 792-7125

OPEN SESSION AGENDA

For more information or to register to attend, email rchappetta@nas.edu or call 202-334-2766.

- 12:45 p.m. **Welcome and Introductions** *Paul Locke, Committee Chair*
- 1:00 p.m. **Discussion with State Agencies**
- Barbara Taylor, Deputy Commissioner of Health Protection, WV Bureau for Public Health
 - Lewis Halstead, Deputy Director, WV Department of Environmental Protection
 - Joey O'Quinn, Division of Mined Land Reclamation, VA Department of Mines, Minerals, and Energy
- 2:30 p.m. **Recap of Site Visit** *Paul Locke, Committee Chair*
- 2:40 p.m. **Discussion with West Virginia Coal Association** *Jason Bostic, Vice President*
- 3:00 p.m. **Environmental Group Panel**
- Natalie Thompson, Ohio Valley Environmental Coalition
 - Vernon Haltom, Coal River Mountain Watch
 - Cindy Rank, West Virginia Highlands Conservancy
- 4:00 p.m. *Open Session adjourns – 15 minute break*
-

6:30 p.m. **Town Hall Forum**

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More information on the study can be found here: <http://www8.nationalacademies.org/cp/projectview.aspx?key=49846>

9:00 p.m. *Town Hall Forum Adjourns*

Completed NAS Meetings

Meeting Number 1

Meeting Information

Project Title: Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

PIN: DELS-BESR-16-03

Major Unit: Division on Earth and Life Studies
Health and Medicine Division

Sub Unit: Board on Earth Sciences & Resources
Board on Environmental Studies & Toxicology
Board on Health Sciences Policy

RSO: Glickson, Deborah

Subject/Focus Area: Earth Sciences; Engineering and Technology; Environment and Environmental Studies; Health and Medicine

Surface Coal Mining/Human Health Meeting 1

March 7, 2017 - March 8, 2017

Keck Center
500 5th Street, NW
Washington D.C. 20001

If you would like to attend the sessions of this meeting that are open to the public or need more information please contact:

Contact Name: Remy Chapetta
Email: rchappetta@nas.edu
Phone: 2023342766
Fax: 2023341377

Agenda:

Tuesday, March 7
Keck Center, 500 5th St NW, Washington DC 20001
Room 100

1:45 pm - Welcome and Introductions

2:00 pm - Study Origin and Objectives, OSMRE

2:30 pm - Discussion with Federal and State Agencies

3:45 pm - Public Comment Period

Each speaker has a maximum time limit of 3 minutes. Accompanying written materials are encouraged.

4:15 pm - Open Session Adjourns

Closed Session Summary Posted After the Meeting

The following committee members were present at the closed sessions of the meeting:

Paul Locke
Carmen Agouridis
Fiona Doyle
William Hopkins
Nancy Johnson
Braden Lusk
John Popp
Michael Robinson
Gregory Wellenius
Judith Zelikoff

The following topics were discussed in the closed sessions:

Bias, Conflict of Interest, and Committee Composition
Statement of Task
Open Session Presentations
Topic Overviews
Report Approach
Next Meetings

The following materials (written documents) were made available to the committee in the closed sessions:
None

Date of posting of Closed Session Summary: March 9, 2017

Meeting Number 2

Meeting Information

Project Title:	Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia
PIN:	DELS-BESR-16-03
Major Unit:	Division on Earth and Life Studies Health and Medicine Division
Sub Unit:	Board on Earth Sciences & Resources Board on Environmental Studies & Toxicology Board on Health Sciences Policy
RSO:	Glickson, Deborah
Subject/Focus Area:	Earth Sciences; Engineering and Technology; Environment and Environmental Studies; Health and Medicine

Surface Coal Mining/Human Health Meeting 2

May 22, 2017 - May 24, 2017
Chief Logan Lodge
1000 Conference Center Drive

Logan, WV 25601

If you would like to attend the sessions of this meeting that are open to the public or need more information please contact:

Contact Name: Remy Chapetta
Email: rchappetta@nas.edu
Phone: 202-334-2766
Fax:

Agenda:
Agenda

Tuesday, May 23 (room TBD)

12:45 pm Welcome and Introductions

1:00 pm Discussion with State Agencies
Barbara Taylor, Deputy Commissioner of Health Protection,
WV Bureau for Public Health
Lewis Halstead, Deputy Director,
WV Department of Environmental Protection
Joey O'Quinn, Division of Mined Land Reclamation,
VA Department of Mines, Minerals, and Energy
TBD, VA Department of Health

2:30 pm Recap of Site Visit

2:40 pm Jason Bostic, WV Coal Association

3:00 pm Environmental Group Panel
Natalie Thompson, Ohio Valley Environmental Coalition
Vernon Haltom, Coal River Mountain Watch
Cindy Rank, West Virginia Highlands Conservancy

3:45 pm Open Session Adjourns

6:30 pm Town Hall (until 9:00pm)
Closed Session Summary Posted After the Meeting

The following committee members were present at the closed sessions of the meeting:

Paul Locke
Carmen Agouridis
Fiona Doyle
Herman Gibb
William Hopkins
Nancy Johnson
Braden Lusk
John Popp
Gregory Wellenius
Judith Zelikoff

The following topics were discussed in the closed sessions:

The following topics were discussed in the closed sessions:
Mine Site Visit
Open Session Presentations
Town Hall
Report Approach
Next Meetings

The following materials (written documents) were made available to the committee in the closed sessions:
none

Date of posting of Closed Session Summary: May 31, 2017

Meeting Number 3

Meeting Information

Project Title: Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

PIN: DELS-BESR-16-03

Major Unit: Division on Earth and Life Studies
Health and Medicine Division

Sub Unit: Board on Earth Sciences & Resources
Board on Environmental Studies & Toxicology
Board on Health Sciences Policy

RSO: Glickson, Deborah

Subject/Focus Area: Earth Sciences; Engineering and Technology; Environment and Environmental Studies; Health and Medicine

Surface Coal Mining/Human Health Meeting 3

July 11, 2017 - July 12, 2017

Keck Center

500 5th Street, NW

Washington D.C. 20001

If you would like to attend the sessions of this meeting that are open to the public or need more information please contact:

Contact Name: Remy Chappetta

Email: rchappetta@nas.edu

Phone: 202-334-2766

Fax:

Agenda:

Tuesday, July 11

1:00 p.m. Welcome and Introductions

1:15 p.m. Overview of NTP/OHAT Systematic Review of Mountaintop Removal Mining

• Abee Boyles, Office of Health Assessment and Translation, National Toxicology Program, National Institute of Environmental Health Sciences

2:15 p.m. Panel 1 on Surface Coal Mining and Health Effects

• Michael Hendryx, Indiana University Bloomington

- Travis Knuckles, West Virginia University
- Jay Christian, University of Kentucky

3:45 p.m. Public Comment Period

4:00 p.m. Open Session Adjourns

Wednesday, July 12

9:00 a.m. Welcome and Introductions

9:15 a.m. Discussion of State Health Concerns

- Rahul Gupta, Commissioner, West Virginia Bureau for Public Health

10:00 a.m. Panel 2 on Surface Coal Mining and Health Effects

- Evelyn Talbott, University of Pittsburgh
- Susan Meacham, Edward Via College of Osteopathic Medicine
- Steve Lamm, Georgetown University

11:15 a.m. Public Comment Period

11:30 a.m. Open Session Adjourns

Closed Session Summary Posted After the Meeting

The following committee members were present at the closed sessions of the meeting:

Paul Locke
Carmen Agouridis
Fiona Doyle
Herman Gibb
William Hopkins
Nancy Johnson
Mike Robinson
Gregory Wellenius
Judith Zelikoff

The following topics were discussed in the closed sessions:

Open Session Presentations
Background Reading
Report Outline
Writing Assignments
Next Meetings

The following materials (written documents) were made available to the committee in the closed sessions:
None

Date of posting of Closed Session Summary: July 21, 2017

Meeting Number 4

Meeting Information

Project Title: Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

PIN: DELS-BESR-16-03

Major Unit: Division on Earth and Life Studies
Health and Medicine Division

Sub Unit: Board on Earth Sciences & Resources
Board on Environmental Studies & Toxicology
Board on Health Sciences Policy

RSO: Glickson, Deborah

Subject/Focus Area: Earth Sciences; Engineering and Technology; Environment and Environmental Studies; Health and Medicine

Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia
August 15, 2017 - August 15, 2017
Online Webinar

If you would like to attend the sessions of this meeting that are open to the public or need more information please contact:

Contact Name: Remy Chappetta
Email: rchappetta@nas.edu
Phone: 202-334-2766
Fax:

Agenda:
3:00pm - 4:00pm Webinar with Dr. Jonathan Borak and Martin Slade

To ensure call quality, please follow these instructions

1. Five minutes before the call starts, use the following link to access the webinar:
<https://nationalacademies.webex.com/nationalacademies/j.php?MTID=m0336e79b5d3adc2b2ceccb0ea3d70dc4>
 2. Allow a few minutes for the meeting to load or to download Webex software if needed
 3. Once the meeting as opened, look for the icon that looks like a phone with the text "Connect to Audio." Click this button or "More Options"
 4. For best audio, select the "Call Me" option
 5. Enter your phone number and you will receive a call linking you to the meeting
- E-mail Remy Chappetta at rchappetta@nas.edu if you experience any issues joining or during the call.

Meeting Number 5

Meeting Information

Project Title: Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia

PIN: DELS-BESR-16-03

Major Unit: Division on Earth and Life Studies
Health and Medicine Division

Sub Unit: Board on Earth Sciences & Resources
Board on Environmental Studies & Toxicology
Board on Health Sciences Policy

RSO: Glickson, Deborah

Subject/Focus Area: Earth Sciences; Engineering and Technology; Environment and Environmental Studies; Health and Medicine

Surface Coal Mining/Human Health Meeting 3

July 11, 2017 - July 12, 2017

Keck Center
500 5th Street, NW
Washington D.C. 20001

If you would like to attend the sessions of this meeting that are open to the public or need more information please contact:

Contact Name: Remy Chappetta
Email: rchappetta@nas.edu
Phone: 202-334-2766
Fax:

Agenda:

Tuesday, July 11

1:00 p.m. Welcome and Introductions

1:15 p.m. Overview of NTP/OHAT Systematic Review of Mountaintop Removal Mining

• Abee Boyles, Office of Health Assessment and Translation, National Toxicology Program, National Institute of Environmental Health Sciences

2:15 p.m. Panel 1 on Surface Coal Mining and Health Effects

- Michael Hendryx, Indiana University Bloomington
- Travis Knuckles, West Virginia University
- Jay Christian, University of Kentucky

3:45 p.m. Public Comment Period

4:00 p.m. Open Session Adjourns

Wednesday, July 12

9:00 a.m. Welcome and Introductions

9:15 a.m. Discussion of State Health Concerns

- Rahul Gupta, Commissioner, West Virginia Bureau for Public Health

10:00 a.m. Panel 2 on Surface Coal Mining and Health Effects

- Evelyn Talbott, University of Pittsburgh
- Susan Meacham, Edward Via College of Osteopathic Medicine
- Steve Lamm, Georgetown University

11:15 a.m. Public Comment Period

11:30 a.m. Open Session Adjourns

Closed Session Summary Posted After the Meeting

The following committee members were present at the closed sessions of the meeting:

Paul Locke
Carmen Agouridis
Fiona Doyle
Herman Gibb
William Hopkins
Nancy Johnson
Mike Robinson
Gregory Wellenius
Judith Zelikoff

The following topics were discussed in the closed sessions:

Open Session Presentations
Background Reading
Report Outline
Writing Assignments
Next Meetings

The following materials (written documents) were made available to the committee in the closed sessions:

None

Date of posting of Closed Session Summary: July 21, 2017

END

Programmatic Review Checklist for OSMRE Financial Assistance Programs **(For OSMRE Internal Use Only)** Version 5



Scope and Purpose of Review:

Program monitoring addresses the content and substance of the program. It is a qualitative review to determine performance, innovation, and contributions. It assesses whether award activities are consistent with the program narrative/work plan or proposed project activities identified in the application or agreement, and comply with statutory regulations and other policy guidelines. It also evaluates program outcomes and monitors administrative activities to ensure compliance with award terms & conditions and reporting requirements.

Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

1st Qrt Progress Review-Period Ending December 31st, 2017.

Findings - Initial Application:

Objectives and Need for Assistance explains why the assistance is needed and states what the grant's primary and secondary objectives are.

Yes No N/A

☐ ☐ ☐

Results and Benefits Expected describe how public health and safety will be protected and the environment or life of coalfield citizens will be improved during the grant period.

☐ ☐ ☐

Approach outlines the plan of action for the proposed scope of work as well as criteria and methodology to be used to evaluate results during the grant period.

☐ ☐ ☐

Number of Personnel and type of positions identified will adequately support the proposed program work to be accomplished during the grant period.

☐ ☐ ☐

The number of trips and purpose of travel are necessary for successful performance of proposed work under this grant.

☐ ☐ ☐

Equipment identified is required for successful performance of proposed program work under this grant.

☐ ☐ ☐

Conducted AML subaccount review. Funding requested is consistent with the program objectives of the grant.

☐ ☐ ☐

Supplies listed are needed to complete proposed program work during this grant period.

☐ ☐ ☐

Contractual services identified are essential to the successful performance of proposed work under this grant.

☐ ☐ ☐

Other cost items identified are necessary expenses that must be incurred to meet program objectives.

☐ ☐ ☐

Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings – Report Monitoring

Reported activities are in compliance with the approved plan and Federal regulations.
Performance report compares the planned activities to actual accomplishments.
Performance report provides explanation for any/all deviations from the approved plan.
Recipient has met / will meet the objectives of the approved plan within the established performance period.
Conducted AML Sub-account review. Funding usage is consistent with the program objectives of the grant.

Yes No N/A

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
Established goals were met or an acceptable explanation was provided for why they were not met.
Quantitative data was provided on the output of the completed project(s) or program activity.
Conducted AML Sub-account review. Funding usage was consistent with the program objectives of the grant.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Watereshed Cooperative Agreements Only

As built plan was included in the Closeout Project Performance Narrative.
Project partner(s) participation went according to plan.
Description, quantity, and calculated value of in-kind services or materials was included.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations**Yes** **No****Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary).**

During the first-quarter of this eight-quarter cooperative agreement, NAS has successfully kept the project on track according to the cooperative agreement terms. NAS has assigned Deb Glickson to manage the project, and she is doing a great job transitioning into this role. The primary work effort for this period was starting to establish the NAS Committee for the project. Everything appears to be running as planned for this period.

Prepared by:

Joshua S. Rockwell

Date:

7/13/17

Reviewed by:

Michael F. Kuhns

Date:

7/13/17

Approved by:

Yetunde Richardson

Date:

7/13/17

Programmatic Review Checklist for OSMRE Financial Assistance Programs **(For OSMRE Internal Use Only)** Version 5



Scope and Purpose of Review:

Program monitoring addresses the content and substance of the program. It is a qualitative review to determine performance, innovation, and contributions. It assesses whether award activities are consistent with the program narrative/work plan or proposed project activities identified in the application or agreement, and comply with statutory regulations and other policy guidelines. It also evaluates program outcomes and monitors administrative activities to ensure compliance with award terms & conditions and reporting requirements.

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Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

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Technical Studies

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National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

2nd Qrt Progress Review-Period Ending March 31, 2017.

Findings - Initial Application:

	<u>Yes</u>	<u>No</u>	<u>N/A</u>
Objectives and Need for Assistance explains why the assistance is needed and states what the grant's primary and secondary objectives are.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Results and Benefits Expected describe how public health and safety will be protected and the environment or life of coalfield citizens will be improved during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Approach outlines the plan of action for the proposed scope of work as well as criteria and methodology to be used to evaluate results during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of Personnel and type of positions identified will adequately support the proposed program work to be accomplished during the grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The number of trips and purpose of travel are necessary for successful performance of proposed work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment identified is required for successful performance of proposed program work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Conducted AML subaccount review. Funding requested is consistent with the program objectives of the grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Supplies listed are needed to complete proposed program work during this grant period.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Contractual services identified are essential to the successful performance of proposed work under this grant.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other cost items identified are necessary expenses that must be incurred to meet program objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings - Report Monitoring

Reported activities are in compliance with the approved plan and Federal regulations.
Performance report compares the planned activities to actual accomplishments.
Performance report provides explanation for any/all deviations from the approved plan.
Recipient has met / will meet the objectives of the approved plan within the established performance period.
Conducted AML Sub-account review. Funding usage is consistent with the program objectives of the grant.

Yes	No	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
Established goals were met or an acceptable explanation was provided for why they were not met.
Quantitative data was provided on the output of the completed project(s) or program activity.
Conducted AML Sub-account review. Funding usage was consistent with the program objectives of the grant.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Watershed Cooperative Agreements Only

As built plan was included in the Closeout Project Performance Narrative.
Project partner(s) participation went according to plan.
Description, quantity, and calculated value of in-kind services or materials was included.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations**Yes** **No****Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary.**

During the second-quarter of this eight-quarter cooperative agreement, NAS has successfully kept the project on track according to the cooperative agreement terms. During this quarter, the committee membership was finalized and a proposed schedule for committee meetings and public hearings was completed. During this period, the committee held several conference calls to initiate organization and formalize their work efforts. The "town hall" meeting was also held during the quarter. The meeting was held in Washington, DC, and it included public sessions and closed door sessions.

Prepared by: Joshua S. Rockwell

Date: 7/13/17

Reviewed by: Michael F. Kuhns

Date: 7/13/17

Approved by: Yetunde Richardson

Date: 7/13/17

Programmatic Review Checklist for OSMRE Financial Assistance Programs
(For OSMRE Internal Use Only)
Version 5



Scope and Purpose of Review:

Program monitoring addresses the content and substance of the program. It is a qualitative review to determine performance, innovation, and contributions. It assesses whether award activities are consistent with the program narrative/work plan or proposed project activities identified in the application or agreement, and comply with statutory regulations and other policy guidelines. It also evaluates program outcomes and monitors administrative activities to ensure compliance with award terms & conditions and reporting requirements.

Program Specialist:

Michael F. Kuhns

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

3rd Qtr Progress Review-Period Ending June 30, 2017.

Findings - Initial Application:

Objectives and Need for Assistance explains why the assistance is needed and states what the grant's primary and secondary objectives are.

Results and Benefits Expected describe how public health and safety will be protected and the environment or life of coalfield citizens will be improved during the grant period.

Approach outlines the plan of action for the proposed scope of work as well as criteria and methodology to be used to evaluate results during the grant period.

Number of Personnel and type of positions identified will adequately support the proposed program work to be accomplished during the grant period.

The number of trips and purpose of travel are necessary for successful performance of proposed work under this grant.

Equipment identified is required for successful performance of proposed program work under this grant.

Conducted AML subaccount review. Funding requested is consistent with the program objectives of the grant.

Supplies listed are needed to complete proposed program work during this grant period.

Contractual services identified are essential to the successful performance of proposed work under this grant.

Other cost items identified are necessary expenses that must be incurred to meet program objectives.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings - Report Monitoring

Reported activities are in compliance with the approved plan and Federal regulations.
Performance report compares the planned activities to actual accomplishments.
Performance report provides explanation for any/all deviations from the approved plan.
Recipient has met / will meet the objectives of the approved plan within the established performance period.
Conducted AML Sub-account review. Funding usage is consistent with the program objectives of the grant.

Yes No N/A

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
Established goals were met or an acceptable explanation was provided for why they were not met.
Quantitative data was provided on the output of the completed project(s) or program activity.
Conducted AML Sub-account review. Funding usage was consistent with the program objectives of the grant.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Watershed Cooperative Agreements Only

As built plan was included in the Closeout Project Performance Narrative.
Project partner(s) participation went according to plan.
Description, quantity, and calculated value of in-kind services or materials was included.

Yes No N/A

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations**Yes** **No****Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary.)**

During the third-quarter of this eight-quarter cooperative agreement, NAS has successfully kept the project on track according to the cooperative agreement terms. During this quarter, Meeting 2 was held in Logan, West Virginia. The meeting included public sessions (with presentations from state agencies, a coal association, and local environmental groups), an evening "town hall" meeting, and closed door sessions. Committee members also arranged for the state coal association to take them on a field trip to see an active local surface mining operation and a coal preparation plant.

NAS staff also prepared to host Meeting 3 in Washington DC on July 11 & 12, consisting of public sessions and closed sessions. Also announced are a webinar with Dr. Jonathan Borak on August 15, and Meeting 4 in Kentucky on August 21-23, with public sessions, an evening "town hall" meeting, and closed sessions.

The public session portion of the meetings to date ran longer than anticipated, partly due to the amount of questions that the committee had for the presenters. As a result, the committee has had less time for closed sessions than planned. NAS raised the possibility that an additional closed door meeting may be needed for the committee to address the amount of data and information it has received. In the event that an additional meeting needs to be scheduled, NAS said that no cost increase would be needed to the cooperative agreement. However, an additional month may need to be added to complete the work.

Prepared by: Michael F. Kuhns

Date: 7/27/17

Reviewed by: Joshua S. Rockwell

Date: 7/27/17

Approved by: Yetunde Richardson

Date: 7/27/17



Programmatic Review Checklist for OSMRE Financial Assistance Programs

(For OSMRE Internal Use Only)

Version 5



Scope and Purpose of Review:

Program monitoring addresses the content and substance of the program. It is a qualitative review to determine performance, innovation, and contributions. It assesses whether award activities are consistent with the program narrative/work plan or proposed project activities identified in the application or agreement, and comply with statutory regulations and other policy guidelines. It also evaluates program outcomes and monitors administrative activities to ensure compliance with award terms & conditions and reporting requirements.

Program Specialist:

Joshua S. Rockwell

Office:

HQ-Program Support Directorate

Grant/Cooperative Agreement #:

S16AC20034

Amendment #:

Initial Award (N/A)

Program:

Technical Studies

Recipient:

National Academies of Science, Engineering and Medicine

Other Recipient

N/A

Type of Review:

Report Monitoring

Review Conducted in Accordance with FAM

Chapter: Link: <http://www.osmre.gov/lrg/fam/toc.shtm>

Other Program (Not Listed)

Other Program

Pre-Review Notes (optional use separate sheet(s) of paper, if necessary):

4th Qrt Progress Review-Period Ending September 30, 2017.

Findings - Initial Application:

Objectives and Need for Assistance explains why the assistance is needed and states what the grant's primary and secondary objectives are.

Results and Benefits Expected describe how public health and safety will be protected and the environment or life of coalfield citizens will be improved during the grant period.

Approach outlines the plan of action for the proposed scope of work as well as criteria and methodology to be used to evaluate results during the grant period.

Number of Personnel and type of positions identified will adequately support the proposed program work to be accomplished during the grant period.

The number of trips and purpose of travel are necessary for successful performance of proposed work under this grant.

Equipment identified is required for successful performance of proposed program work under this grant.

Conducted AML subaccount review. Funding requested is consistent with the program objectives of the grant.

Supplies listed are needed to complete proposed program work during this grant period.

Contractual services identified are essential to the successful performance of proposed work under this grant.

Other cost items identified are necessary expenses that must be incurred to meet program objectives.

<u>Yes</u>	<u>No</u>	<u>N/A</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings – Amendments:

Performance narrative provides explanation and justification for the requested change.
Requested change is appropriate for the approved program and within the scope of this grant / cooperative agreement.
Requested change is necessary to meet program objectives and achieve proposed results/benefits.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Findings - Report Monitoring

Reported activities are in compliance with the approved plan and Federal regulations.
Performance report compares the planned activities to actual accomplishments.
Performance report provides explanation for any/all deviations from the approved plan.
Recipient has met / will meet the objectives of the approved plan within the established performance period.
Conducted AML Sub-account review. Funding usage is consistent with the program objectives of the grant.

Yes	No	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Findings – Closeout

Problem area(s) have been updated in e-AMLIS. Link: <https://eamlis.osmre.gov/>
Established goals were met or an acceptable explanation was provided for why they were not met.
Quantitative data was provided on the output of the completed project(s) or program activity.
Conducted AML Sub-account review. Funding usage was consistent with the program objectives of the grant.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Watershed Cooperative Agreements Only

As built plan was included in the Closeout Project Performance Narrative.
Project partner(s) participation went according to plan.
Description, quantity, and calculated value of in-kind services or materials was included.

Yes	No	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Performance Evaluation (Closeouts only): A written evaluation of the recipient's performance is required, in accordance with FAM. Use separate sheet(s) of paper , if necessary.

Determinations / Recommendations**Yes** **No****Meets Program Requirements? If not, please explain below (use separate sheet(s) of paper, if necessary).**

During the fourth-quarter of this eight-quarter cooperative agreement, NAS has successfully kept the project on track according to the cooperative agreement terms. During this quarter, a public meeting was held at the Keck Center in Washington, DC. This meeting consisted of 2 public hearings and one closed session for the committee members. Also during this period, another set of public meetings were held in Kentucky. The meetings consisted of a town-hall style meeting in Hazard, KY, and open session meeting in Lexington, KY, and a closed session meeting for committee members. While in Kentucky, the committee also visited local surface coal mining operations. Additionally, during the 4th quarter, NAS hosted an open session via webinar to hear the results and findings of additional studies.

This study is currently under review by DOI, and the work has been temporarily halted, pending the review's outcome. On August 18th of this period, OSMRE ordered a halt to all activity related to study once the Kentucky meetings had been completed. At this time, NAS has halted all plans for additional work to take place in the 5th quarter. NAS is awaiting DOI's decision as per the ordered review.

Prepared by:

Joshua S. Rockwell

Date:

10/4/17

Reviewed by:

Michael F. Kuhns

Date:

10/4/17

Approved by:

Yctunde Richardson

Date:

10/4/17

[illegible]

Draw Down Request #1

From: Bautista, Jay <jbautista@osmre.gov<mailto:jbautista@osmre.gov>>

Date: Tue, Sep 20, 2016 at 8:13 AM

Subject: NAS Drawdown.

To: Joshua Rockwell <jrockwell@osmre.gov<mailto:jrockwell@osmre.gov>>, Michael Kuhns <mkuhns@osmre.gov<mailto:mkuhns@osmre.gov>>

Cc: Yetunde Richardson <yrichardson@osmre.gov<mailto:yrichardson@osmre.gov>>, Kimberly Harper

<kharper@osmre.gov<mailto:kharper@osmre.gov>>
Josh and/or Mick,

Please see below:

On Mon, Sep 19, 2016 at 9:59 AM, Harper, Kimberly

<kharper@osmre.gov<mailto:kharper@osmre.gov>> wrote:

The National Academy of Sciences is requesting a draw down in the amount of \$706.38. Please let us

know if you approve this draw down and we will certify it in ASAP.

Thank you,

Kimberly

From: Rockwell, Joshua [jrockwell@osmre.gov]

Sent: Tuesday, September 20, 2016 8:46 AM

To: Eide, Elizabeth

Cc: Michael Kuhns

Subject: Fwd: NAS Drawdown.

NAS drawdown request for \$706.38.

Elizabeth, I need a description of what the \$706.38 was used for, so that I can approve NAS's drawdown request.

Thanks,

Josh

From: Rockwell, Joshua [mailto:jrockwell@osmre.gov]

Sent: Tuesday, September 20, 2016 10:11 AM

To: Claringbould, Katharine

Cc: Rogers, Nicholas; Eide, Elizabeth; Grosshans, Denise; Michael Kuhns

Subject: Re: Seeking your assistance. NAS Drawdown. (10003158)

Please justify your drawdown in an email to Mick Kuhns and myself at the time you electronically

request your drawdown. Describe the work performed for the cost incurred. Down the road, when NAS

is drawing down larger amounts I'd like to see multiple line items with the amount of funding requested

for each line item. Email correspondence is fine.

Thank You,

Josh

From: Rockwell, Joshua [mailto:jrockwell@osmre.gov]
Sent: Thursday, September 22, 2016 1:20 PM
To: Claringbould, Katharine
Cc: Rogers, Nicholas; Eide, Elizabeth; Grosshans, Denise; Michael Kuhns
Subject: Re: Seeking your assistance. NAS Drawdown. (10003158)

Katharine:

All of NAS's costs will be reimbursable. i.e. your draw down will pay for the work that has been completed for that draw down. Technically, they will all be "reimbursable".

There is no need for the formal invoice, just explain (in an email to Mick and I) what the \$700 plus was

used for. Travel, personnel salary, etc. An email explanation will be sufficient for future draw downs as

well, just please outline what the \$ was expended on.

Thanks,

Josh

On Thu, Sep 22, 2016 at 12:21 PM, Claringbould, Katharine <KClaringbould@nas.edu> wrote:
Hi Josh,

I am sorry for the delay in responding I was out [REDACTED]

I have attached a signed copy of the invoice. Will this be sufficient support for the payment request? If this is not what you are after, can you give us some more details on what you are seeking so we can figure out how it can be achieved? For later larger payments I am also happy to include the 1035 detail if that meets your requirements.

Thanks,

Kate

Katharine Claringbould

Senior Accountant

The National Academies of Sciences, Engineering and Medicine

Office of Chief Financial Officer

500 Fifth Street, NW

Washington, DC 20001

Tel: +1-202-334-2051

kclaringbould@nas.edu<<mailto:kclaringbould@nas.edu>>

From: Rockwell, Joshua [mailto:jrockwell@osmre.gov]
Sent: Thursday, September 22, 2016 1:20 PM
To: Claringbould, Katharine
Cc: Rogers, Nicholas; Eide, Elizabeth; Grosshans, Denise; Michael Kuhns
Subject: Re: Seeking your assistance. NAS Drawdown. (10003158)

Katharine:

All of NAS's costs will be reimbursable. i.e. your draw down will pay for the work that has been completed for that draw down. Technically, they will all be "reimbursable".

There is no need for the formal invoice, just explain (in an email to Mick and I) what the \$700 plus was

used for. Travel, personnel salary, etc. An email explanation will be sufficient for future draw downs as

well, just please outline what the \$ was expended on.

Thanks,

Josh

On Thu, Sep 22, 2016 at 12:21 PM, Claringbould, Katharine <KClaringbould@nas.edu> wrote:
Hi Josh,

I am sorry for the delay in responding I was out [REDACTED]

I have attached a signed copy of the invoice. Will this be sufficient support for the payment request? If this is not what you are after, can you give us some more details on what you are seeking so we can figure out how it can be achieved? For later larger payments I am also happy to include the 1035 detail if that meets your requirements.

Thanks,

Kate

Katharine Claringbould

Senior Accountant

The National Academies of Sciences, Engineering and Medicine

Office of Chief Financial Officer

500 Fifth Street, NW

Washington, DC 20001

Draw Down Approval #1

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Fri Sep 23 2016 08:24:17 GMT-0600 (MDT)

To:

"Bautista, Jay" <jbautista@osmre.gov>, Kimberly Harper

<kharper@osmre.gov>, Yetunde Richardson

<yrichardson@osmre.gov>

CC: Michael Kuhns <mkuhns@osmre.gov>

Subject: Re: NAS Drawdown.

All:

It took a few days for NAS's right hand to be able to talk to it's proverbial left hand, but we are now good to go. NAS has justified their draw down. You may release the funds.

Thank you,

Josh

Draw Down Request #2

"Claringbould, Katharine" <KClaringbould@nas.edu>

From: "Claringbould, Katharine" <KClaringbould@nas.edu>

Sent: Tue Nov 01 2016 07:18:28 GMT-0600 (MDT)

To: "Rockwell, Joshua" <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

CC: "Rogers, Nicholas" <NRogers@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Cheran, Ramamani" <RCheran@nas.edu>

Subject: FW: description of costs S16AC20034

Hi Joshua and Michael,

See below for a description of costs as pertains to our latest draw request in ASAP. Please let us know if you require any additional information.

Thanks,

Kate

Katharine Claringbould

Senior Accountant

The National Academies of Sciences, Engineering and Medicine

Office of Chief Financial Officer

500 Fifth Street, NW

Washington, DC 20001

Tel: +1-202-334-2051

kclaringbould@nas.edu<<mailto:kclaringbould@nas.edu>>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Wed Nov 02 2016 06:46:30 GMT-0600 (MDT)

To: "Claringbould, Katharine" <KClaringbould@nas.edu>

CC:

Michael Kuhns <mkuhns@osmre.gov>, "Rogers, Nicholas" <NRogers@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Cheran, Ramamani" <RCheran@nas.edu>

Subject: Re: FW: description of costs S16AC20034

In our last email, I suggested, as an example something more along the lines of this:

"Good enough for me. That's all we need. In the future, say a draw down of a larger amount, something along the lines of say:

NAS Drawdown request for \$25,000:

\$5,000 for labor associated with public meeting #1.

\$5,000 for labor associated with NAS administration of the project.

\$10,000 for travel for meeting #1.

\$5,000 for facility reservation/coordination for meeting #2.

Total request \$25,000

Something along these lines would be beneficial for future reviews. Please submit something of the like at the time of draw request, or even better yet, a couple of days prior to your draw.

Thank you,

Josh"

Your current description, does not identify the amount of the drawdown, nor does it break the amount down like in the example above. This is an informal breakdown, and process, but I need a little more detail.

Thank you,

Josh

"Eide, Elizabeth" <EEide@nas.edu>

From: "Eide, Elizabeth" <EEide@nas.edu>

Sent: Wed Nov 02 2016 07:08:08 GMT-0600 (MDT)

To: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Claringbould, Katharine" <KClaringbould@nas.edu>

CC:

Michael Kuhns <mkuhns@osmre.gov>, "Rogers, Nicholas"

<NRogers@nas.edu>, "Cheran, Ramamani"

<RCheran@nas.edu>

Subject: RE: FW: description of costs S16AC20034

Attachments: image001.png

Hi Josh,

The Academies drawdown request for \$9,428.70 is broken down as follows:

\$9,428.70 for labor associated with administration of the project.

Please let us know if you have further questions.

Best,

Elizabeth

Elizabeth A. Eide, Ph.D.

Director, Board on Earth Sciences and Resources

Acting Director, Water Science and Technology Board

The National Academies of Sciences, Engineering, and Medicine

500 Fifth St., NW

Washington, DC 20001

tel. 202 334 2392

Visit BESR at <http://dels.nas.edu/besr>

Draw Down Approval #2

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Wed Nov 02 2016 07:17:46 GMT-0600 (MDT)

To: "Eide, Elizabeth" <EEide@nas.edu>, Kimberly Harper
<kharper@osmre.gov>

CC:

"Claringbould, Katharine" <KClaringbould@nas.edu>, Michael

Kuhns <mkuhns@osmre.gov>, "Rogers, Nicholas"

<NRogers@nas.edu>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Bautista, Jay" <jbautista@osmre.gov>,

Yetunde Richardson <yrichardson@osmre.gov>

Subject: Re: FW: description of costs S16AC20034

Attachments: image001.png

Elizabeth:

Your request for the draw is justified. Thank you.

Kimberly:

You should see a request for draw down from NAS for \$9,428.70 in ASAP. This amount may be released.

Thank you,

Josh

Draw Down Request #3

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Fri Dec 16 2016 07:32:22 GMT-0700 (MST)

To: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - Award No. S16AC20034

Attachments: image001.png

Good Morning Josh and Mick,

We are sending the next drawdown request for your approval.

NAS Drawdown request for \$17,771.11:

\$14,339.58 for labor and associated costs related to the nominations and vetting process of prospective members.

\$3,431.53 for labor and associated costs related to background research and data collection.

Total request \$17,771.11

Draw Down Approval #3

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Mon Dec 19 2016 06:30:55 GMT-0700 (MST)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

Michael Kuhns <mkuhns@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: Re: NAS Drawdown Request - Award No. S16AC20034

Attachments: image001.png

Mick and I have reviewed your request for this drawdown.

We approve your request.

Thank you,

Josh

Draw Down Request #4

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Tue Jan 10 2017 13:35:09 GMT-0700 (MST)

To: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Michael Kuhns" <mkuhns@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - January 2017 - Award No. S16AC20034

Attachments: image001.png

Josh and Mick,

This is the next NAS Drawdown request for \$22,204.08:

\$ 13,713.94 for labor and associated costs related to the nominations and vetting process of prospective members.

\$ 8,424.22 for labor and associated costs related to background research and data collection.

\$ 65.92 for other direct costs (postage and office supplies) plus its associated costs.

Total request \$22,204.08 is through expenses thru December 2016.

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: @NASEarth

Draw Down Approval #4

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Wed Jan 11 2017 05:46:36 GMT-0700 (MST)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

Michael Kuhns <mkuhns@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: Re: NAS Drawdown Request - January 2017 - Award No.
S16AC20034

Attachments: image001.png

Mick and I have reviewed your request and approve a drawdown in the amount of \$22,204.08.

Thank you,

Josh

Draw Down Request #5&6

Rogers, Nicholas <NRogers@nas.edu>

2/3/17

to me, Michael, Ramamani, Deborah, Elizabeth

Josh and Mick,

This is the next NAS Drawdown request for \$22,478.28:

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting 1 with the membership meetings and background research for meeting materials.

\$ 8.89 for other direct costs (photocopying and long distance phone calls) plus its associated costs.

Total request \$22,478.28 is through expenses thru January 20, 2016.

Kind regards,

Nick

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Tue Feb 21 2017 12:37:34 GMT-0700 (MST)

To: "jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Michael Kuhns" <mkuhns@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

Josh and Mick,

The next NAS Drawdown request for February 2017 is \$15,071.02:

\$ 12,330.78 for labor and associated costs related to planning meeting 1 with the membership from the

agenda to invited expert speakers.

\$ 3,076.84 for labor and associated costs related to background research and data collection related to the project.

Kind regards,

Nick

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>
Sent: Wed Feb 22 2017 06:58:14 GMT-0700 (MST)
To: "Rogers, Nicholas" <NRogers@nas.edu>
CC:
"jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Kimberly Harper <kharp@osmre.gov>
Subject: Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

Hi Nick,

For this latest bill, there is an apparent discrepancy in the total bill amount (\$15,071.02) versus the summation of the two individual items (\$12,330.78 + \$3,076.84 = \$15,407.62).

For the previous month's bill, the total appears to be transposed from the summary of the individual items (\$22,748.28 versus \$22,478.28).

Please clarify the correct amounts for this bill and the prior month's bill.

Mick

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>
Sent: Wed Feb 22 2017 07:08:57 GMT-0700 (MST)
To: "Kuhns, Michael" <mkuhns@osmre.gov>
CC:

"jrockwell@osmre.gov" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>, "Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, Kimberly Harper <kharp@osmre.gov>
Subject: RE: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

Mick,

My apologies. Not sure what happened there. I think I wrote the equations wrong in excel.

January - \$22,748.26

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting 1 with the membership meetings and background research for meeting materials.

\$ 8.89 for other direct costs (photocopying and long distance phone calls) plus its associated costs.

February - \$15,071.02:

\$ 11,994.18 for labor and associated costs related to planning meeting 1 with the membership from the agenda to invited expert speakers.

\$ 3,076.84 for labor and associated costs related to background research and data collection related to the project.

Again, my apologies and I hope this clarifies.

Kind regards,

Nick Rogers

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Feb 22 2017 10:59:01 GMT-0700 (MST)

To: Joshua Rockwell <jrockwell@osmre.gov>

Subject: Fwd: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

I am fine with paying NAS the amount of \$15,071.02 (with corrected items totaling this amount)
Mick

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Mon Feb 27 2017 08:43:39 GMT-0700 (MST)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

"Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Re: NAS Drawdown Request - February 2017 - Award No.

Subject: S16AC20034

Attachments: image001.png

Was the error corrected? I don't remember seeing a corrected request?

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Mon Feb 27 2017 08:49:40 GMT-0700 (MST)

To: "Rockwell, Joshua" <jrockwell@osmre.gov>

"Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani"

CC: <RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: RE: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

Josh,

I hope the below are what you mean by the corrections.

January - \$22,748.28

\$ 8,438.89 for labor and associated costs related to the finalizing nominations and NAS procedures for committee approval.

\$ 14,300.50 for labor and associated costs related to planning meeting 1 with the membership meetings and background research for meeting materials.

\$ 8.89 for other direct costs (photocopying and long distance phone calls) plus its associated costs.

February - \$15,071.02:

\$ 11,994.18 for labor and associated costs related to planning meeting 1 with the membership from the agenda to invited expert speakers.

\$ 3,076.84 for labor and associated costs related to background research and data collection related to the project.

Draw Down Approval #5&6

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Mon Feb 27 2017 08:56:13 GMT-0700 (MST)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

"Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

Nicholas:

Your February request is approved (\$15,071.02).

Thank you,

Josh

From: Harper, Kimberly <kharper@osmre.gov>

Date: Tue, Mar 7, 2017 at 7:36 AM

Subject: Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034

To: "Richardson, Yetunde" <yrichardson@osmre.gov>

Cc: Joshua Rockwell <jrockwell@osmre.gov>, Jay Bautista <jbautista@osmre.gov>

After going through all the email trail here, is this amount approved?

Thanks,

Kimberly

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Tue Mar 07 2017 08:23:53 GMT-0700 (MST)

To: "Harper, Kimberly" <kharper@osmre.gov>

CC:

"Richardson, Yetunde" <yrichardson@osmre.gov>, Jay Bautista

<jbautista@osmre.gov>, "Kuhns, Michael F. Mick"

<mkuhns@osmre.gov>

Subject: Re: NAS Drawdown Request - February 2017 - Award No. S16AC20034

Attachments: image001.png

Yes, NAS's request to draw \$15,071.02 is approved.

Draw Down Request #7

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Mon Apr 17 2017 14:39:20 GMT-0600 (MDT)

To: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Kuhns, Michael" <mkuhns@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - March 2017 - Award No. S16AC20034

Attachments: image001.png

Good Afternoon Mick and Josh,

This is the draw request for March's activities:

\$53,187.03 for labor and associated costs related to planning Meeting 1, including working with committee members, meeting logistics, and background research.

\$3,896.64 for partial travel and meeting costs for committee members to Meeting 1 (not all committee travel and meeting costs are reflected in this draw; others will follow)

\$364.38 for other direct costs (photocopying and conference calls) plus its associated costs.

\$57,448.05 March Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Apr 19 2017 07:22:23 GMT-0600 (MDT)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

"Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, Michael Kuhns <mkuhns@osmre.gov>,

"Eide, Elizabeth" <EEide@nas.edu>

Subject: Re: NAS Drawdown Request - March 2017 - Award No. S16AC20034

Attachments: image001.png

Hi Nicholas,

I am fine with the expenses for this billing cycle, but I would appreciate a further breakdown of how much of the \$3,896.64 for this period was for "partial travel" and how much was for "meeting expense". This would be consistent with the accounting breakdown in the

cooperative agreement proposal, and how I am keeping track of expenses by category.
Thanks,
Mick

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Wed Apr 19 2017 07:34:22 GMT-0600 (MDT)

To: "Kuhns, Michael" <mkuhns@osmre.gov>

CC:

"Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: RE: NAS Drawdown Request - March 2017 - Award No.
S16AC20034

Attachments: image001.png

Good Morning Mick:

Here is the break down. Let me know if you want more detail on the individual travelers:

\$3896.64 is for tickets/fees/G&A for 7 travelers that flew into DC for the meeting. Travel Expense reports for theses7 and the others are pending.

\$0 Meeting expenses – as they take time to cycle through our system and to charge the contract.

Cheers,

Nick

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Apr 19 2017 07:55:37 GMT-0600 (MDT)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC: Joshua Rockwell <jrockwell@osmre.gov>

Subject: Re: NAS Drawdown Request - March 2017 - Award No.
S16AC20034

Attachments: image001.png

Thanks,

That is the breakdown I was interested in.

Mick

Down Approval #7

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Apr 19 2017 08:13:08 GMT-0600 (MDT)

To:

Kimberly Harper <kharper@osmre.gov>, Jay Bautista

<jbautista@osmre.gov>, "Richardson, Yetunde"

<yrichardson@osmre.gov>

CC: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns

<mkuhns@osmre.gov>

Subject: Fwd: NAS Drawdown Request - March 2017 - Award No.

S16AC20034

Attachments: image001.png

All:

Josh and I have reviewed NAS's recent request for a drawdown in the amount of \$57,448.05 for March 2017. We approve their request.

According to my records, this represents a total draw of \$145,377.62 since their first billing in September 2016.

See message strings below.

Thank you,

Mick

Draw Down Request #8

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Mon May 15 2017 15:41:54 GMT-0600 (MDT)

To: "'Kuhns, Michael'" <mkuhns@osmre.gov>, "'Rockwell, Joshua'" <jrockwell@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - April 2017 - Award No. S16AC20034

Attachments: image001.png

Good Afternoon Mick and Josh,

This is the draw request for April's activities:

\$25,485.77 for labor and associated costs related to following up on Meeting 1 (DC), planning Meeting 2 (WV) with the staff and committee, and for background research for meeting materials and report.

\$3,484.88 for partial travel expenses for committee members to Meeting 1 plus its associated costs (some committee travel on last draw)

\$949.70 for meeting costs for Meeting 1, plus its associated costs.

\$66.64 for other direct costs (conference calls with committee/staff), plus its associated costs.

\$29,986.99 April Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Draw Down Approval #8

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed May 17 2017 08:58:24 GMT-0600 (MDT)

To:

Kimberly Harper <kharp@osmre.gov>, Jay Bautista

<jbautista@osmre.gov>, "Richardson, Yetunde"

<yrichardson@osmre.gov>

CC: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns

<mkuhns@osmre.gov>

Subject: Fwd: NAS Drawdown Request - April 2017 - Award No.

S16AC20034

Attachments: image001.png

All:

Josh and I have reviewed NAS's recent drawdown request for April in the amount of \$29,986.99, and approve their request.

According to my records, this represents a total draw of \$175,364.61 (29% of Year 1 monies) since their first billing in September 2016.

See message strings below.

Thank you,

Mick

Draw Down Request #9

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Tue Jun 27 2017 06:43:37 GMT-0600 (MDT)

To: "'Kuhns, Michael'" <mkuhns@osmre.gov>, "'Rockwell, Joshua'" <jrockwell@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Eide, Elizabeth" <EEide@nas.edu>

Subject: NAS Drawdown Request - May 2017 - Award No. S16AC20034

Attachments: image001.png

Good Morning Mick and Josh,

This is the draw request for May's activities:

\$1,174.11 for meeting costs for meeting 1 plus its associated costs.

\$7,378.56 for partial travel for committee members to meeting 1 plus its associated costs.

\$11,559.20 for labor and associated costs related to planning meeting 2 with the membership and background research for meeting materials.

\$10,191.94 for partial travel for committee members to meeting 2 plus its associated costs.

\$45,552.82 for labor and associated costs related to planning meeting 3 with the membership and background research for meeting materials.

\$62.88 for other direct costs (conference calls with committee/staff) plus its associated costs.

\$ 75,919.51 May Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

Draw Down Approval #9

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Wed Jun 28 2017 13:55:31 GMT-0600 (MDT)

To:

Kimberly Harper <kharper@osmre.gov>, "Bautista, Jay"

<jbautista@osmre.gov>, Yetunde Richardson

<yrichardson@osmre.gov>, "Kuhns, Michael F. Mick"

<mkuhns@osmre.gov>

Subject: NAS Drawdown For May

Kim:

I have reviewed the drawdown request (below) and approve NAS's request for \$75,919.51.

Thank you,

Josh

Good Morning Mick and Josh,

This is the draw request for May's activities:

\$1,174.11 for meeting costs for meeting 1 plus its associated costs.

\$7,378.56 for partial travel for committee members to meeting 1 plus its associated costs.

\$11,559.20 for labor and associated costs related to planning meeting 2 with the membership and background research for meeting materials.

\$10,191.94 for partial travel for committee members to meeting 2 plus its associated costs.

\$45,552.82 for labor and associated costs related to planning meeting 3 with the membership and background research for meeting materials.

\$62.88 for other direct costs (conference calls with committee/staff) plus its associated costs.

\$ 75,919.51 May Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

Draw Down Request #10

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Tue Aug 01 2017 10:26:25 GMT-0600 (MDT)

To: "'Kuhns, Michael'" <mkuhns@osmre.gov>, "'Rockwell, Joshua'" <jrockwell@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>

Subject: RE: NAS Drawdown Request - June 2017 - Award No. S16AC20034

Attachments: image001.png

Mick and Josh,

This is the draw request for June's activities:

\$9,095.55 for labor and associated costs related to wrapping up Meeting 2 (Logan, WV in May) expenses.

\$2,215.80 for partial travel for committee members to Meeting 2, plus its associated costs.

\$12,033.44 for labor and associated costs related to planning Meeting 3 (Washington, DC in July) and background research for meeting materials.

\$3,728.13 for other direct costs (i.e., postage, ad purchases, supplies and conference calls with committee/staff), plus its associated costs.

\$ 27,072.92 June Total

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

Draw Down Approval #10

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Aug 02 2017 05:33:34 GMT-0600 (MDT)

To:

Kimberly Harper <kharper@osmre.gov>, Jay Bautista

<jbautista@osmre.gov>, "Richardson, Yetunde"

<yrichardson@osmre.gov>, Joshua Rockwell

<jrockwell@osmre.gov>

CC: Michael Kuhns <mkuhns@osmre.gov>

Subject: Fwd: NAS Drawdown Request - June 2017 - Award No.

S16AC20034

Attachments: image001.png

Kim:

I have reviewed the drawdown request (below) and approve NAS's request for \$27,072.92 for expenses for June 2017.

According to my calculations, the total amount they will have been paid to date would now become \$278,357.04.

Thank you,

Mick

Draw Down Request #11

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Fri Sep 15 2017 10:52:10 GMT-0600 (MDT)

To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua"

<jrockwell@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah"

<DGlickson@nas.edu>

Subject: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

Attachments: image001.png

Josh and Mick,

This draw request is for expenses that have been incurred through the 9/1/2017 pay period. There are still outstanding costs for Meeting 3 and 4 that will appear on future draw requests, along with the labor costs needed to process these expenses.

\$9,211.24 for partial Meeting 2 travel for committee members, plus associated costs.

\$12,593.80 for labor and associated costs related to Meeting 3.

\$10,492.81 for partial Meeting 3 travel for committee members, plus associated costs.

\$96,224.15 for labor and associated costs related to planning Meeting 4 with the committee membership, and for staff time spent working on study materials and background research for the meeting.

\$269.54 for other direct costs (copying, postage, conference calls with committee/staff), plus associated costs.

\$128,791.54 TOTAL

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

Draw Down Approval #11

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>

Sent: Wed Sep 20 2017 06:54:17 GMT-0600 (MDT)

To: "Rogers, Nicholas" <NRogers@nas.edu>, Kimberly Harper <kharp@osmre.gov>

CC:

"Rockwell, Joshua" <jrockwell@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Richardson,

Yetunde" <yrichardson@osmre.gov>, Jay Bautista <jbautista@osmre.gov>,

Michael Kuhns <mkuhns@osmre.gov>

Subject: Re: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

Attachments: image001.png

Roger,

I have reviewed and approve of your draw request for \$128,791.54. I understand this covers most of the expenses you incurred for both July and August 2017, but that some additional expenses will be forthcoming in a separate draw request to cover the remaining costs of Meeting #4.

Please specify in your next draw request if it covers all of the expenses through the "halt" period issued by OSMRE Acting Director Glenda

Owens on August 18, 2018.

Kimberly — please approve this draw request in ASAP.

Thank you,

Mick

Draw Down Request #12

From: Rogers, Nicholas <NRogers@nas.edu>

Date: Tue, Oct 24, 2017 at 2:44 PM

Subject: RE: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

Cc: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>

Josh and Mick,

This draw request is for expenses that have been incurred through the end of September. There are still outstanding costs for Meeting 4 that will appear on a future draw request, along with the labor costs needed to process these expenses.

\$1,803.67 for labor and associated costs related to Meeting 3 reimbursements.

\$14,799.04 for partial Meeting 3 travel for committee members, plus associated costs.

\$3,751.65 for labor and associated costs related to Meeting 4 reimbursements.

\$11,834.47 for partial Meeting 4 travel for committee members, plus associated costs.

\$1,610.67 for other direct costs (conference calls with committee/staff), plus associated costs.

\$33,799.50 total

Kind regards,

Nick

Nicholas D. Rogers

Financial and Research Associate

Board on Earth Sciences and Resources (BESR)

Keck Center, 614

500 Fifth Street N.W.

Washington, DC 20001

PH: (202)334-2208

Twitter: NASEM_Earth

Draw Down Approval #12

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Wed Nov 01 2017 05:36:22 GMT-0600 (MDT)

To: "Rogers, Nicholas" <NRogers@nas.edu>

CC:

"Kuhns, Michael" <mkuhns@osmre.gov>, "Cheran, Ramamani"

<RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, Sterling

Rideout <srideout@osmre.gov>, "Payne, Harry J." <hpayne@osmre.gov>,

Kimberly Harper <kharper@osmre.gov>, Yetunde Richardson

<yrichardson@osmre.gov>, "Bautista, Jay" <jbautista@osmre.gov>

Subject: Re: NAS Drawdown Request - Sept 2017 - Award No. S16AC20034

Attachments: image001.png

Nick:

Your draw down request in the amount of \$33,799.50 is approved.

On October 12th, we were notified that draw down requests related to meeting 4 could take up to 2 months to receive and book. Since the meeting took place the last week in August, can we assume that we will have one more draw down request since the 2 month window has now past? We would like to get all draw down requests for all work completed prior to the "halt", as well as meeting 4, wrapped up as soon as possible. Will this be accomplished with the next draw down request, and do you have an approximate estimate of what the next request will total?

v/r

Josh Rockwell

Mining Engineer/Dam Safety Officer

Office of Surface Mining, Reclamation and Enforcement

Division of Regulatory Support

1849 C. Street, NW, Mail Stop 4550

Washington, DC 20240

(202) 209-2633 work

(410) 456-8042 cell

Draw Down Request #13

"Rogers, Nicholas" <NRogers@nas.edu>

From: "Rogers, Nicholas" <NRogers@nas.edu>

Sent: Thu Nov 16 2017 07:16:10 GMT-0700 (MST)

To: "Kuhns, Michael" <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

CC: "Cheran, Ramamani" <RCheran@nas.edu>, "Glickson, Deborah" <DGlickson@nas.edu>, "Spriggs, Sugi" <SSpriggs@nas.edu>

Subject: NAS Drawdown Request - Nov 2017 - Award No. S16AC20034

Attachments: image001.png

Josh and Mick,

This draw request is for expenses that have been incurred through today, 11/16/17. These are all the outstanding costs for Meeting 4 along with the labor costs needed to process these expenses. This should be the last draw on expenses incurred.

\$576.68 for labor and associated costs related to reimbursements for meeting 4 expenses.

\$13,585.43 for final travel costs for committee members to meeting 4 plus its associated costs.

\$14,162.11 total

Our usual accountant is out of the country and her replacement accidentally requested the final draw before we were able to send this approval. I believe you will have to reject that request as it was not approved by you all before it was sent and there may have been one final small charge missing. I apologize for the mistake.

Kind regards,
Nick

Nicholas D. Rogers
Financial and Research Associate
Board on Earth Sciences and Resources (BESR)
Keck Center, 614
500 Fifth Street N.W.
Washington, DC 20001
PH: (202)334-2208
Twitter: NASEM_Earth

Draw Down Approval #13

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>

Sent: Mon Nov 20 2017 07:26:08 GMT-0700 (MST)

To: "Kuhns, Michael" <mkuhns@osmre.gov>

CC:

Kimberly Harper <kharper@osmre.gov>, Jay Bautista

<jbautista@osmre.gov>, "Richardson, Yetunde"

<yrichardson@osmre.gov>, Harry Payne <hpayne@osmre.gov>

Subject: Re: NAS Drawdown Request - Nov 2017 - Award No. S16AC20034

Attachments: image001.png

Kim:

Mick and I have reviewed the draw down request and have approved the NAS request. You may release funds in the amount of \$14,162.11.

v/r

Josh Rockwell

Mining Engineer/Dam Safety Officer

Office of Surface Mining, Reclamation and Enforcement

Division of Regulatory Support

1849 C. Street, NW, Mail Stop 4550

Washington, DC 20240

(202) 209-2633 work

(410) 456-8042 cell

Data Requested Submitted By The OIG During The Entrance Interview
On February 8, 2018

Question No. 1: Were any other grants to NAS halted in a similar manner.

Response No. 1:

No. OSMRE did not halt any other grants or cooperative agreements that were issued to NAS in a similar manner.

Question No. 2: Were there any other grants to any organization halted by OSMRE that exceeded \$100,000?

Response No. 2:

No. OSMRE has not halted any grants or cooperative agreements to any other organization that exceeded \$100,000.

Question No. 3: Were there any concerns that NAS was not performing adequately on the Cooperative Agreement?

Response No. 3:

No. OSMRE had no concerns that NAS was not performing adequately as per the Cooperative Agreement.

NAS provided quarterly updates (i.e. program narratives and financial reports) with OSMRE's technical representative that detailed their work efforts for the given time period. In addition, OSMRE's technical representatives were in communication with NAS on various aspects of the study. The efforts by NAS were found to be reasonable for each quarter as documented in the progress reports.

Question No. 4: Were there any concerns that NAS was not spending the grant money as the Cooperative Agreement stipulated?

Response No. 4:

No. OSMRE had no concerns that NAS was not spending the monies as stipulated under the Cooperative Agreement appropriately.

This project was established as a Cooperative Agreement which meant there was substantial OSMRE involvement. In addition, OSMRE had placed this Cooperative Agreement under an "Agency Review" at the time of award to facilitate the Bureau's review and approval of each NAS draw down request.

Initially there were a few issues. Specifically the first two draw down requests submitted by NAS were determined to be too generic. Thus OSMRE's project technical representative requested more details to support NAS' draw down requests. Subsequently, NAS provided more detailed

explanation for each draw down request. In another instance the total draw down request did not equal the sum of NAS' breakdown of expenses. The OSMRE project technical representative notified NAS of the error and NAS resubmitted their request. Besides these minor administrative issues, NAS was spending the money as stipulated in the Cooperative Agreement.

Question No. 5: How was the communication sent to NAS to cease activities of the funding, and from who?

Response No. 5

On August 18, 2017, OSMRE's Acting Director accompanied by a DOI Solicitor telephoned Dr. Elizabeth Eide the NAS Technical/Program Officer to notify her of the Department of Interior's decision to halt activities under the Cooperative Agreement. On August 18, 2017, the OSMRE Acting Director also issued a formal two-page letter to NAS personnel (Ms. Eide, Dr. Gregory Symmes, and Mr. Douglas Denning) via e-mail and regular U.S. mail.

Data Request Submitted By The OIG Via Email On February 15, 2018

Question No. 1: Listing of other OSMRE grants in excess of \$100,000 halted in a similar manner.

Response No. 1:

OSMRE does not have a list of grants or cooperative agreements in excess of \$100,000 that were halted in a similar manner as the NAS Cooperative Agreement - S16AC20034 because none of OSMRE's other financial assistance awards have been halted to date.

Question No. 2: Information showing the grant expired and that the funds were returned to Treasury.

Response No. 2:

The Cooperative Agreement is on hold, but has NOT been terminated and closed out. The funds will remain obligated against the agreement until it is either completed or terminated.

The agreement was funded with OSMRE's two-year (15/16) fiscal year (FY) 2015 Regulation and Technology appropriation, which was available for obligation until September 30, 2016. That appropriation is now considered "expired."

In accordance with appropriations law, funds in expired accounts remain available for expenditure for five years after the account expires. Funds that were not obligated before the account expires, and funds deobligated after the period of availability, cannot be used to address any new requirement. Those funds are only available for adjustments to valid obligations that were made during the period of availability.

All funds that remain unexpended from the FY 2015 Regulation and Technology appropriation (to include any funds from the subject cooperative agreement) will be returned to U.S. Treasury when the account becomes "closed" on September 30, 2021.

Question No. 3. Contact information for whom made the decision above OSMRE to halt the grant funding.

Response No. 3:

OSMRE – Program Support Directorate staff has no direct knowledge as to exactly who made the decision above OSMRE to halt funding for the Cooperative Agreement. However, we have provided the three (3) emails communications in which various DOI personnel expressed an interest in halting the funding for the NAS Cooperative Agreement.

See Attachment 1

- July 12, 2017, @ 2.30 pm email entitled, Re: *Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)*

OSMRE's Program Support Directorate staff documented the initial inquiry from a DOI's Solicitor on [REDACTED]

- August 9, 2017, @ 5.23 pm email entitled, *Fwd: Grants and Cooperative Agreements*.
- August 18, 2017, @ 3.03pm email entitled, *Halt Letter to NAS*.

Question No. 4. Justification provided to OSMRE to halt the agreement.

Response No. 4:

The justification provided to OSMRE to halt the NAS Cooperative Agreement are outlined in the following communications: - See Attachment 2

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- i) See email dated July 12, 2017, (@ 2.30 pm entitled, Re: Our Cooperative Agreement *with the National Academy of Sciences (S16AC20034)*
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 - The formal letter issued to NAS that was drafted by DOI's Solicitor for the OSMRE's Acting Director's signature explained that the " Department of Interior has begun an Agency review of its grants and cooperative agreements in excess of \$100,000, largely as a result of our changing budget situation"

**See Attachment 3_- Secretarial Memo, Managing Grant, Cooperative Agreement and Other Significant Documents dated April 12, 2017.*

Question No. 5.: Did the Grants Officer identify if there were any conflicts of interest.

Response No. 5:

The OSMRE Grants Specialist did not identify any conflict of interest with the NAS Cooperative Agreement.

Question No. 6: Deliverables from NAS to OSMRE such as: quarterly reports, briefings, public briefings, SF425 draw-downs and reviews and approvals from Grant Officer of those drawdowns.

Response No. 6:

The deliverables from NAS to OSMRE as requested are provided in the following Attachments:

- Attachment 4 – Drawdown Reviews and Reports
- Attachment 5 – NAS Quarterly Reports
- Attachment 6 – Completed NAS Meetings
- Attachment 7 – OSMRE Performance Reviews
- Attachment 8 – Summary of Drawdown Requests and Approvals

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Conversation Contents

Draft Response to Grijalva


Attachments:

- /4. Draft Response to Grijalva/1.1 NAS Study Halt Letter - 8-18-17.pdf
- /4. Draft Response to Grijalva/2.1 Response to Congressman Raul Grijalva.docx
- /4. Draft Response to Grijalva/2.2 Grijalva 8-25-17.pdf
- /4. Draft Response to Grijalva/2.3 Letter to Glenda Owens--OSMRE--2-2-18.pdf
- /4. Draft Response to Grijalva/2.4 ILL#183381296.pdf
- /4. Draft Response to Grijalva/2.5 Grijalva letter on NAS MTR Study - 10-17-17.pdf
- /4. Draft Response to Grijalva/2.6 NAS Study Halt Letter - 8-18-17.pdf


"Payne, Harry" <hpayne@osmre.gov>

From: "Payne, Harry" <hpayne@osmre.gov>
Sent: Thu Feb 22 2018 13:36:44 GMT-0700 (MST)
To: Glenda Owens <gowens@osmre.gov>, Sterling Rideout <srideout@osmre.gov>
Subject: Draft Response to Grijalva
Attachments: NAS Study Halt Letter - 8-18-17.pdf

Glenda here is my initial draft with 2 options for you to consider. Also relevant attachments. I will be here until 5 today if you want to discuss ... (but not tomorrow). Harry

 Grijalva 8-25-17.pdf

 Grijalva letter on NAS MTR Study - 10-17-17.pdf

 ILL#183381296.pdf

 Letter to Glenda Owens--OSMRE--2-2-18.pdf

 Response to Congressman Raul Grijalva.docx

--
Harry J. Payne
Chief, Division of Regulatory Support
Office of Surface Mining Reclamation and Enforcement
1849 C Street NW
Mail Stop 4550
Washington, DC 20240
202-208-2895

"Payne, Harry" <hpayne@osmre.gov>

From: "Payne, Harry" <hpayne@osmre.gov>
Sent: Thu Feb 22 2018 13:41:28 GMT-0700 (MST)
To: Glenda Owens <gowens@osmre.gov>, Sterling Rideout <srideout@osmre.gov>
Subject: Draft Response to Grijalva
Response to Congressman Raul Grijalva.docx Grijalva 8-25-17.pdf Letter to Glenda Owens--OSMRE--2-2-18.pdf
Attachments: ILL#183381296.pdf Grijalva letter on NAS MTR Study - 10-17-17.pdf NAS Study Halt Letter - 8-18-17.pdf

Sending again ... for some reason they ended up in google drive.

--

Harry J. Payne
Chief, Division of Regulatory Support
Office of Surface Mining Reclamation and Enforcement
1849 C Street NW
Mail Stop 4550
Washington, DC 20240
202-208-2895

"Owens, Glenda" <gowens@osmre.gov>

From: "Owens, Glenda" <gowens@osmre.gov>
Sent: Thu Feb 22 2018 16:21:43 GMT-0700 (MST)
To: "Payne, Harry" <hpayne@osmre.gov>
Subject: Re: Draft Response to Grijalva

Thanks. Did we take them out of Google drive?

On Thu, Feb 22, 2018 at 3:41 PM, Payne, Harry <hpayne@osmre.gov> wrote:
Sending again ... for some reason they ended up in google drive.

--

Harry J. Payne
Chief, Division of Regulatory Support
Office of Surface Mining Reclamation and Enforcement
1849 C Street NW
Mail Stop 4550
Washington, DC 20240
202-208-2895

--

Glenda H. Owens
Acting Director
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
(O) 202-208-4006
(F) 202-219-3106

gowens@osmre.gov

Harry Payne <hpayne@osmre.gov>

From: Harry Payne <hpayne@osmre.gov>
Sent: Thu Feb 22 2018 19:19:05 GMT-0700 (MST)
To: "Owens, Glenda" <gowens@osmre.gov>
Subject: Re: Draft Response to Grijalva

I'll remove them ...

Sent from my iPhone

On Feb 22, 2018, at 6:21 PM, Owens, Glenda <gowens@osmre.gov> wrote:

Thanks. Did we take them out of Google drive?

On Thu, Feb 22, 2018 at 3:41 PM, Payne, Harry <hpayne@osmre.gov> wrote:
Sending again ... for some reason they ended up in google drive.

--

Harry J. Payne
Chief, Division of Regulatory Support
Office of Surface Mining Reclamation and Enforcement
1849 C Street NW
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--

Glenda H. Owens
Acting Director
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
(O) 202-208-4006
(F) 202-219-3106
gowens@osmre.gov



United States Department of the Interior

OFFICE OF SURFACE MINING
RECLAMATION AND ENFORCEMENT
Washington, D.C. 20240



August 18, 2017

Sent via Email and Regular U.S. Mail

Elizabeth A. Eide, Ph.D.
Senior Board Director
Board on Earth Sciences and Resources
Water Science and Technology Board
The National Academies of Sciences, Engineering, and Medicine
500 Fifth St., NW
Washington, DC 20001
EEide@nas.edu

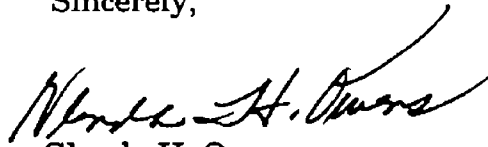
Dear Dr. Eide:

It was a pleasure speaking with you earlier today, and thank you for being available to take our call and email us the additional contact information. As discussed, the Department of the Interior has begun an agency-wide review of its grants and cooperative agreements in excess of \$100,000, largely as a result of our changing budget situation. Thank you for agreeing to cease all activities under Cooperative Agreement number S16AC20034, effective immediately, and until further notice. This immediate cessation includes any third party activities and/or contracting as well.

As discussed, NAS has already scheduled, and funds have been obligated to specific vendors for, an event ranging from August 21 - 23, 2017. Because we do not expect these expenses to be excessive, this three day event may proceed as planned as an exception to this direction. As we further discussed, any later-resulting staff expenses associated with processing reimbursements related to the work occurring during those same three days, which we expect to be relatively minimal, e.g., travel reimbursements, also may be incurred.

Please feel free to call us with any additional questions you may have about this direction as we are performing our review.

Sincerely,

A handwritten signature in black ink, appearing to read "Glenda H. Owens", with a stylized, flowing script.

Glenda H. Owens
Acting Director

cc: Dr. Gregory Symmes, gsymmes@nas.edu
Mr. Douglas Denning, ddenning@nas.edu

Congress of the United States
Washington, DC 20545

August 25, 2017

RECEIVED
2017 AUG 29 PM 12:48
OFFICE OF THE
EXECUTIVE SECRETARY

The Honorable Ryan Zinke
Secretary
U.S. Department of the Interior
1849 C Street, NW
Washington, DC 20240

Dear Secretary Zinke,

We were extremely disturbed to learn that the Office of Surface Mining Reclamation and Enforcement (OSMRE) recently instructed the National Academies of Sciences, Engineering, and Medicine (NAS) to halt all work on the project titled *Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia*. This project, which was initiated by OSMRE in response to a request from the state of West Virginia, has been reviewing the growing body of research demonstrating the severe health impacts suffered by people who live near mountaintop removal (MTR) coal mines, such as increased rates of heart disease and lung cancer.¹

Peer-reviewed studies have already shown that self-reported cancer rates among residents of counties where MTR occurs are nearly double those of residents of non-mining areas, that chronic cardiovascular disease rates are significantly higher in areas impacted by MTR, and that children born in such areas are much more likely to suffer from birth defects.²

When complete, the OSMRE study would identify data gaps and potentially lead to “new approaches to safeguard the health of residents living near these types of coal mining operations.”³ Delaying or cancelling this study presents a significant and serious risk to the health of the people of Appalachia, and we urge you to immediately resume its funding.

The rationale provided to the NAS for halting the study—the “changing budget situation” at the Department of the Interior (DOI)—does not withstand scrutiny. The funding for the study is coming from Fiscal Year (FY) 2016 money that is available to be spent through the end of FY 2017, but the FY 2017 budget for OSMRE is \$12.6 million more than in FY 2016. If OSMRE were to cancel the study contract after this September for any reason other than default by the NAS, the unspent money would be lost to OSMRE and DOI. Cancellation would not improve the budget situation at OSMRE or the Department, and would result in the waste of approximately \$400,000 that has already been spent on five meetings of the study committee.

¹ Kurth, L., Kolker, A., Engle, M. et al. *Environ Geochem Health* (2015) 37:529. doi:10.1007/s1065301496695, and references therein.

² Hendryx, M., Wolfe, L., Luo, J. and Webb, B. *Self-Reported Cancer Rates in Two Rural Areas of West Virginia with and Without Mountaintop Coal Mining*. *J. of Community Health* (April 2012); Hendryx, M. and Esch, L. *Chronic Cardiovascular Disease Mortality in Mountaintop Mining Areas of Central Appalachian States*, *J. Rural Health* (Winter 2011); Ahern, M., Hendryx, H., et al. *The Association Between Mountaintop Mining and Birth Defects in Central Appalachia, 1996-2003*, *J. Environmental Research* (May 26, 2011).

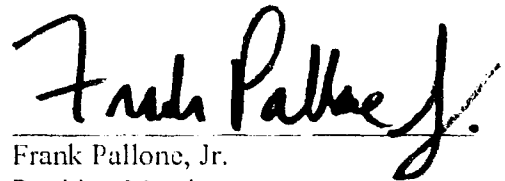
³ <http://www8.nationalacademies.org/cp/projectview.aspx?key=49846>

To our knowledge, based on inquiries to the NAS, no other ongoing studies being funded by DOI have been halted in this manner. It appears that the decision to terminate the MTR health impacts study was an ideologically motivated effort to stop an independent scientific exploration of uncomfortable truths about the harm the coal mining industry causes to the health of those directly impacted by it. Terminating this study is a waste of taxpayer dollars and an attack on science, and shows that the administration values the public image of the coal mining industry more than the public health of the people of Appalachia. The Department of Interior and OSMRE should immediately reverse this decision and allow this critical study to continue unimpeded.

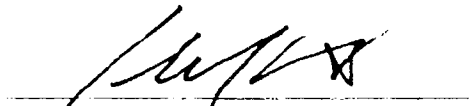
Sincerely,



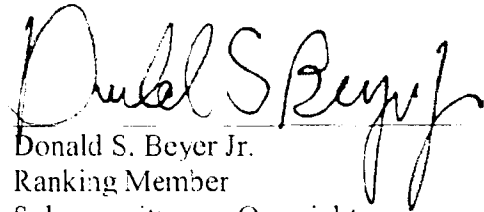
Paul M. Grijalva
Ranking Member
House Committee on Natural Resources



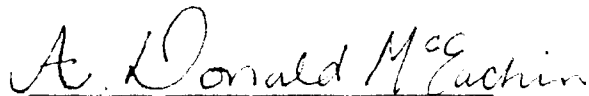
Frank Pallone, Jr.
Ranking Member
House Committee on Energy & Commerce



John A. Yarmuth
Ranking Member
House Committee on the Budget



Donald S. Beyer, Jr.
Ranking Member
Subcommittee on Oversight
House Committee on
Science, Space, and Technology



A. Donald McEachin
Ranking Member
Subcommittee on Oversight and Investigations
House Committee on Natural Resources

cc: Ms. Glenda H. Owens, Acting Director, Office of Surface Mining Reclamation and Enforcement



Howarth, Robert <robert_howarth@ios.doi.gov>

Fwd: Letter on NAS MTR Study

1 message

Kaster, Amanda <amanda_kaster@ios.doi.gov>

Fri, Aug 25, 2017 at 9:43 AM

To: Robert Howarth <Robert_Howarth@ios.doi.gov>

Cc: Blake Deeley <blake_deeley@ios.doi.gov>, Matthew Quinn <matthew_quinn@ios.doi.gov>

FYI.

----- Forwarded message -----

From: **Feldgus, Steve** <Steve.Feldgus@mail.house.gov>

Date: Fri, Aug 25, 2017 at 9:18 AM

Subject: Letter on NAS MTR Study

To: "amanda_kaster@ios.doi.gov" <amanda_kaster@ios.doi.gov>, Moshay Simpson <msimpson@osmre.gov>

Hi Amanda and Moshay,

Attached is a letter from Mr. Grijalva and four other House Democrats to Secretary Zinke regarding the recent halt to the NAS mountaintop removal mining health impacts study.

Thanks,

--Steve

--

Amanda Kaster-Averill

Advisor to the Secretary

Office of Congressional and Legislative Affairs

U.S. Department of the Interior

(202) 208-3337

amanda_kaster@ios.doi.gov

📎 Letter to Zinke on MTR Study halt - signed - 8-25-17.pdf
797K

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Dr. Elizabeth A. Eide
Senior Board Director
Board on Earth Sciences and Resources
Water Science and Technology Board

February 2, 2018

Ms. Glenda H. Owens
Acting Director
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1849 C Street, NW
Washington, DC 20240
gowens@osmre.gov

Dear Ms. Owens:

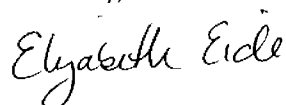
I write with reference to the status of the Department of the Interior (DOI) review of Cooperative Agreement S16AC20034, supporting the National Academies of Sciences, Engineering, and Medicine study on "Potential Health Risks of Living in Proximity to Surface Coal Mining Sites in Central Appalachia."

The National Academies and the committee of experts who volunteered to conduct the study have remained ready to fulfill our agreement with DOI to complete the study report, but we have not received further information from DOI about the duration of the review. To fulfill our portion of the cooperative agreement and to ask the committee to continue to remain available for work requires both funding and clarity as to the time when the project might resume. We are thus releasing the committee from its commitment to the project as of February 2, 2018. Our contracting office will be in contact with its counterpart at DOI to relay this information.

At the point the study was paused, the committee had gathered extensive information but had not yet carried out the deliberative, consensus-building process needed to answer the questions in the statement of task. We are grateful to the many citizens, federal and state officials, industry representatives, academic researchers, and representatives from non-governmental organizations who took the time to participate in the committee's information-gathering. We continue to believe that it is important to address the significant issues that were the focus of this study and we would welcome an opportunity to carry out a study on these issues in the future.

I'd be happy to discuss this further with you at any time should you have questions.

Sincerely,



Elizabeth A. Eide, PhD
Senior Board Director

cc: Douglas Denning, ddenning@nas.edu



Review article

Systematic review of community health impacts of mountaintop removal mining[☆]



Abee L. Boyles^{a,*,1}, Robyn B. Blain^b, Johanna R. Rochester^b, Raghavendhran Avanas^b, Susan B. Goldhaber^b, Sofie McComb^b, Stephanie D. Holmgren^c, Scott A. Masten^d, Kristina A. Thayer^a

^a Office of Health Assessment and Translation, Division of the National Toxicology Program, National Institute of Environmental Health Sciences (NIEHS), National Institutes of Health (NIH), Department of Health and Human Services, Durham, NC, USA

^b ICF, Durham, NC, USA

^c Office of Science Information Management, National Institute of Environmental Health Sciences (NIEHS), National Institutes of Health (NIH), Department of Health and Human Services, Durham, NC, USA

^d Office of Nomination and Selection, Division of the National Toxicology Program, National Institute of Environmental Health Sciences (NIEHS), National Institutes of Health (NIH), Department of Health and Human Services, Durham, NC, USA

ARTICLE INFO

Keywords:

Mountaintop removal mining
Coal mining
Appalachia
Surface mining
Community health
Systematic review
Exposure
Risk of bias
Risk

ABSTRACT

Background: The objective of this evaluation is to understand the human health impacts of mountaintop removal (MTR) mining, the major method of coal mining in and around Central Appalachia. MTR mining impacts the air, water, and soil and raises concerns about potential adverse health effects in neighboring communities; exposures associated with MTR mining include particulate matter (PM), polycyclic aromatic hydrocarbons (PAHs), metals, hydrogen sulfide, and other recognized harmful substances.

Methods: A systematic review was conducted of published studies of MTR mining and community health, occupational studies of MTR mining, and any available animal and in vitro experimental studies investigating the effects of exposures to MTR-mining-related chemical mixtures. Six databases (Embase, PsycINFO, PubMed, Scopus, Toxline, and Web of Science) were searched with customized terms, and no restrictions on publication year or language, through October 27, 2016. The eligibility criteria included all human population studies and animal models of human health, direct and indirect measures of MTR-mining exposure, any health-related effect or change in physiological response, and any study design type. Risk of bias was assessed for observational and experimental studies using an approach developed by the National Toxicology Program (NTP) Office of Health Assessment and Translation (OHAT). To provide context for these health effects, a summary of the exposure literature is included that focuses on describing findings for outdoor air, indoor air, and drinking water.

Results: From a literature search capturing 3088 studies, 33 human studies (29 community, four occupational), four experimental studies (two in rat, one in vitro and in mice, one in *C. elegans*), and 58 MTR mining exposure studies were identified. A number of health findings were reported in observational human studies, including cardiopulmonary effects, mortality, and birth defects. However, concerns for risk of bias were identified, especially with respect to exposure characterization, accounting for confounding variables (such as socioeconomic status), and methods used to assess health outcomes. Typically, exposure was assessed by proximity of residence or hospital to coal mining or production level at the county level. In addition, assessing the consistency of findings was challenging because separate publications likely included overlapping case and comparison groups. For example, 11 studies of mortality were conducted with most reporting higher rates associated with coal mining, but many of these relied on the same national datasets and were unable to consider individual-level contributors to mortality such as poor socioeconomic status or smoking. Two studies of adult rats reported impaired microvascular and cardiac mitochondrial function after intratracheal exposure to PM from MTR-mining sites. Exposures associated with MTR mining included reports of PM levels that sometimes exceeded Environmental Protection Agency (EPA) standards; higher levels of dust, trace metals, hydrogen sulfide gas; and

[☆] This work was supported by the National Toxicology Program at the National Institute of Environmental Health Sciences, NIH. The protocol was registered in PROSPERO (2016:CRD42016037192).

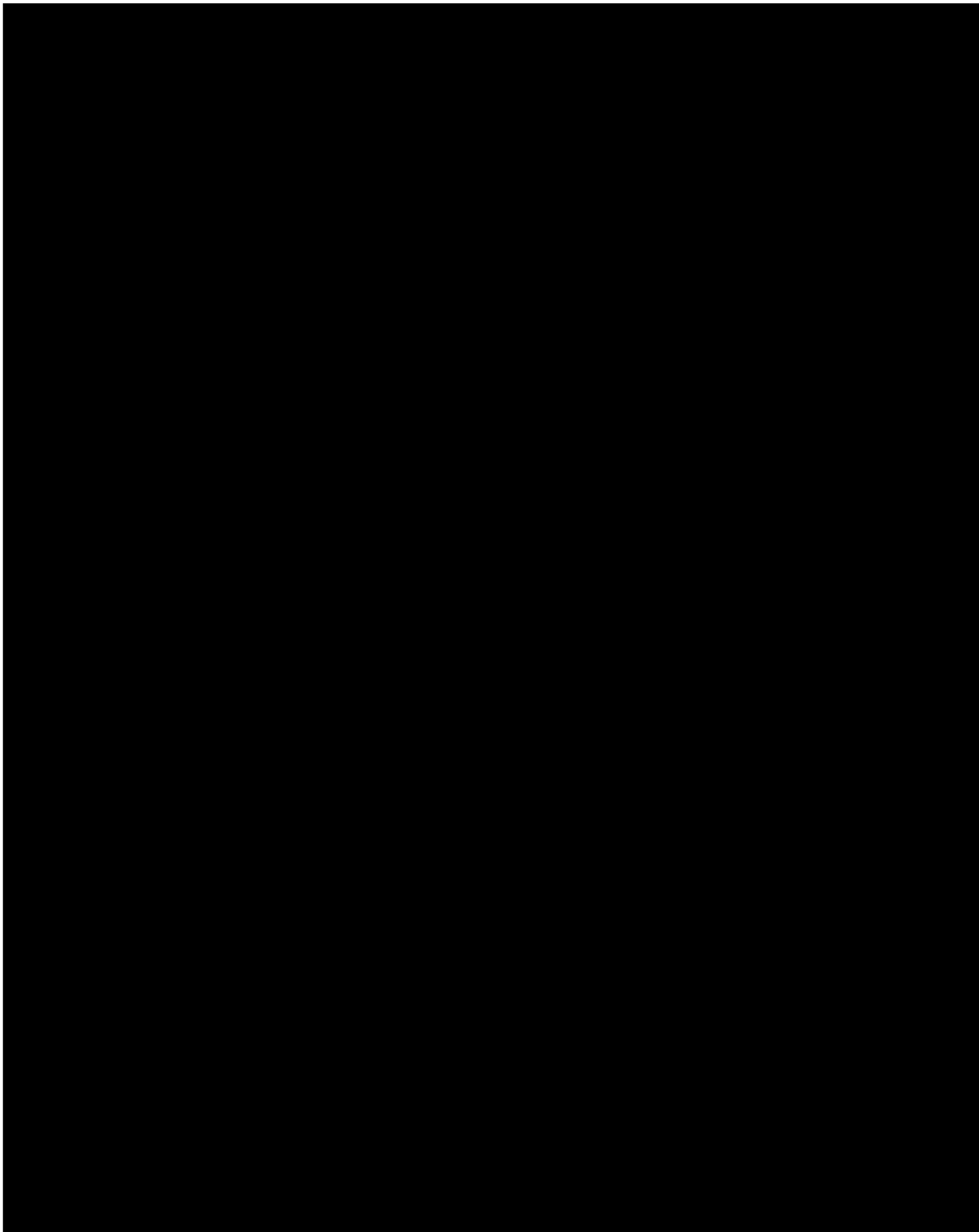
* Corresponding author at: NIEHS, P.O. Box 12233, Mail Drop K2-04, Research Triangle Park, NC 27709, USA.

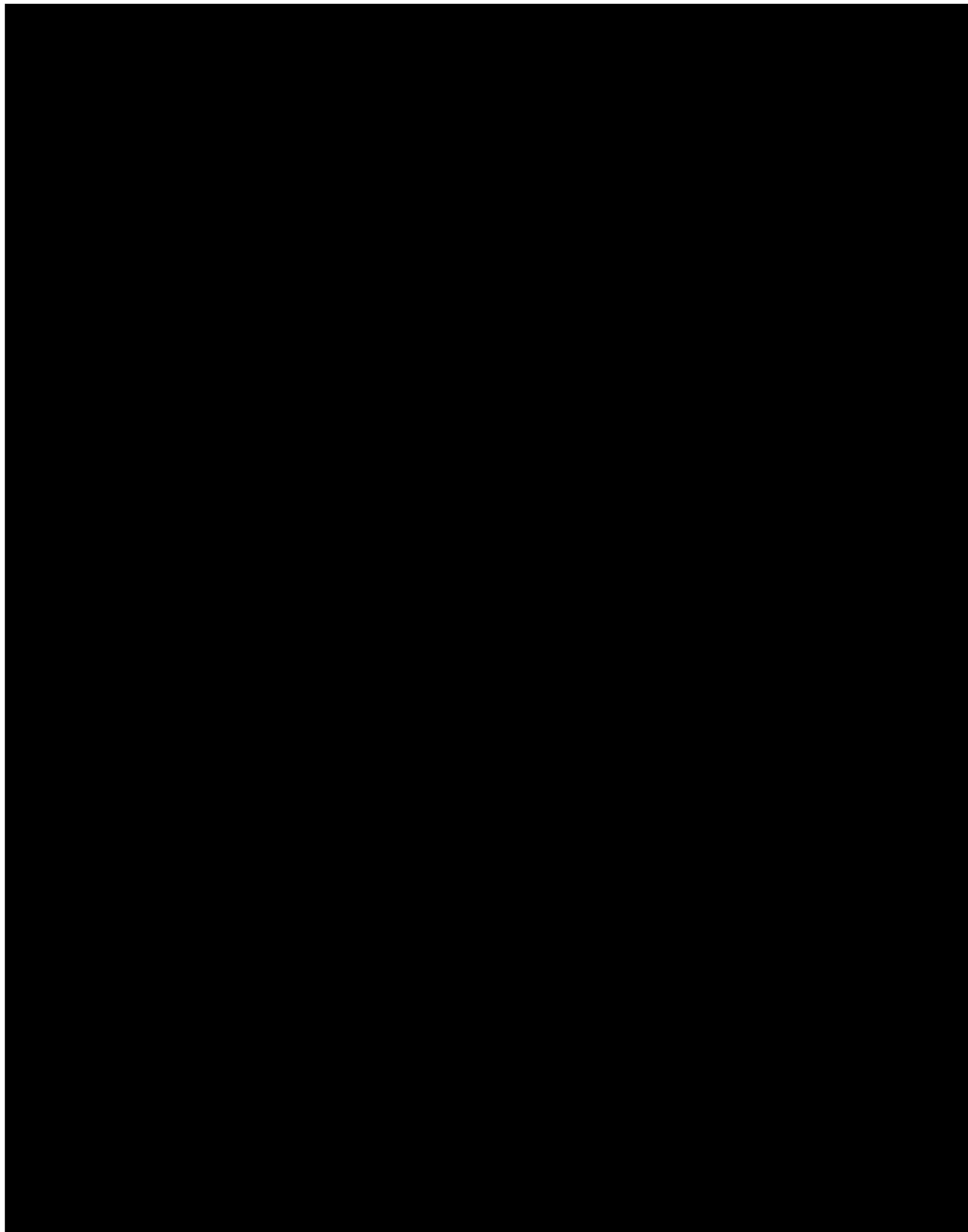
E-mail address: abee.boyles@nih.gov (A.L. Boyles).

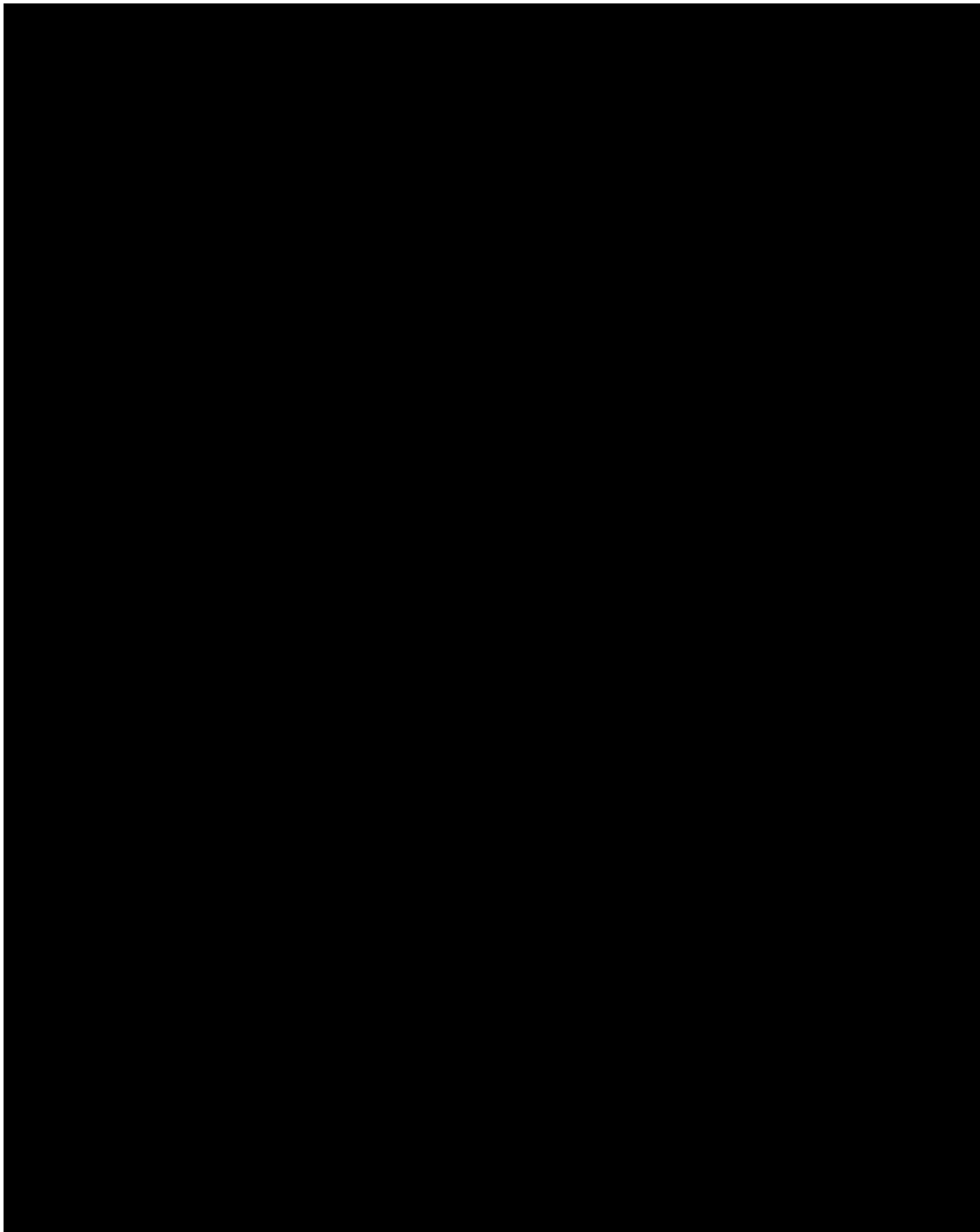
¹ Express mail: 530 Davis Drive, Morrisville, NC 27560, USA.

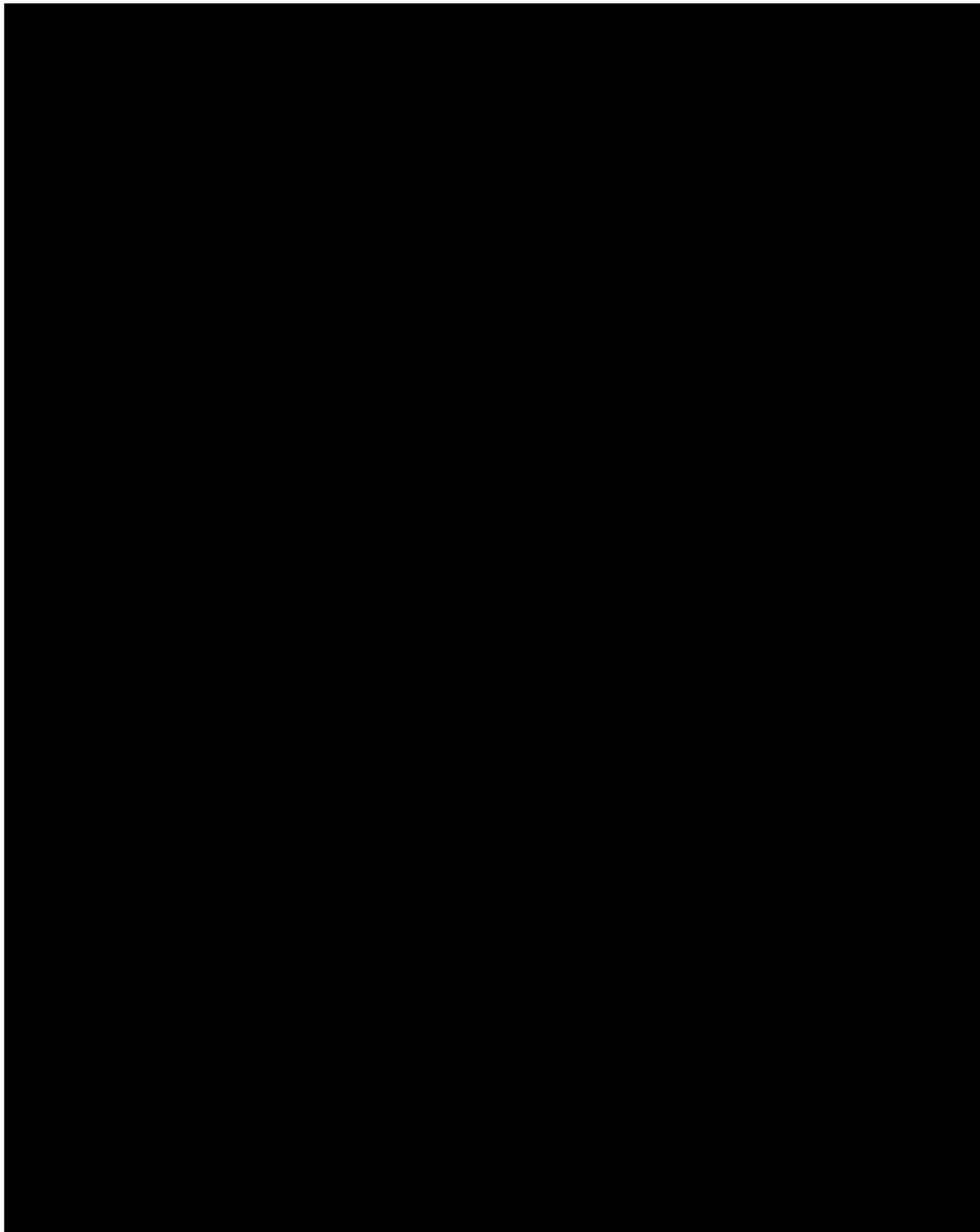
a report of increased public drinking water violations.

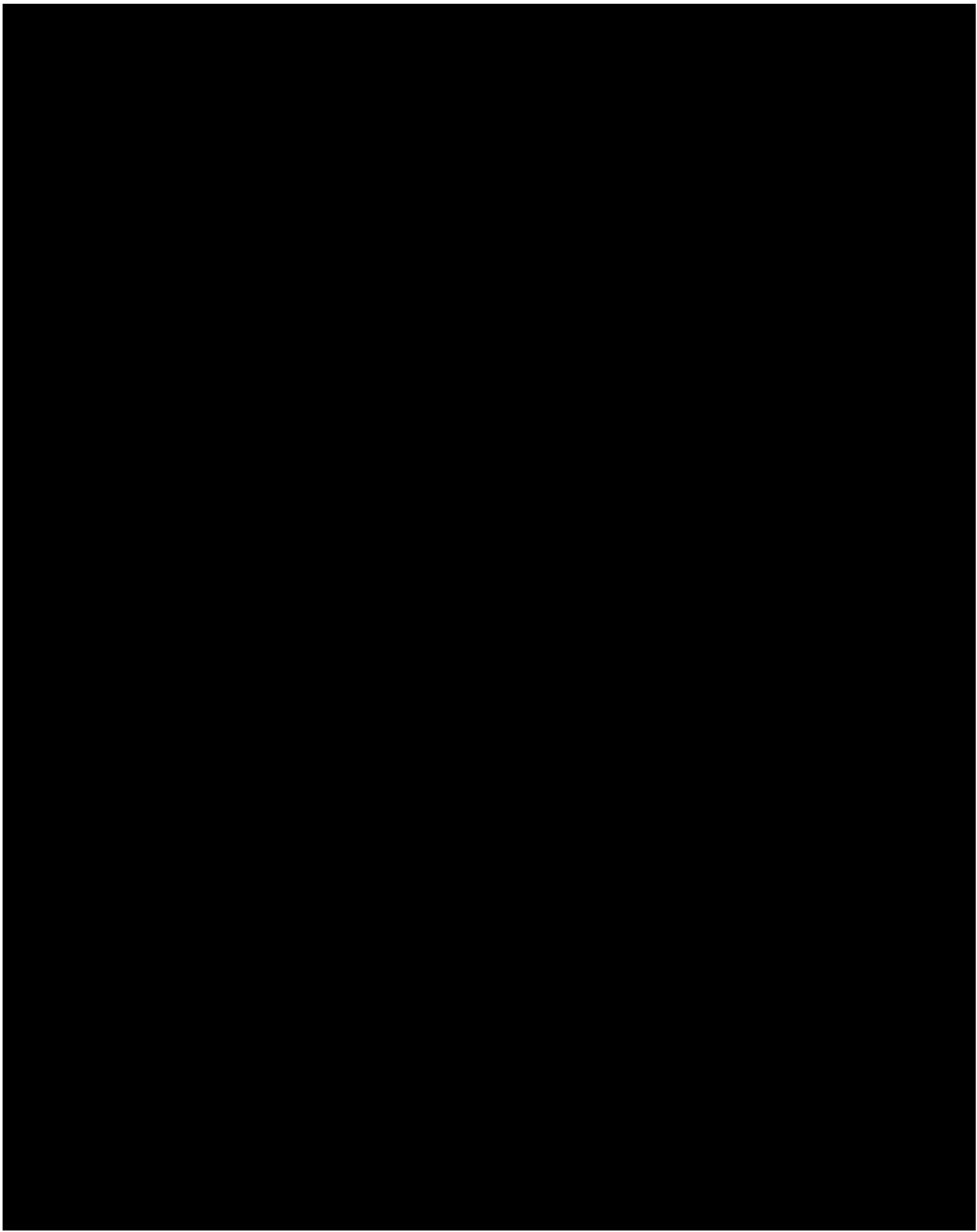
Discussion: This systematic review could not reach conclusions on community health effects of MTR mining because of the strong potential for bias in the current body of human literature. Improved characterization of exposures by future community health studies and further study of the effects of MTR mining chemical mixtures in experimental models will be critical to determining health risks of MTR mining to communities. Without such work, uncertainty will remain regarding the impact of these practices on the health of the people who breathe the air and drink the water affected by MTR mining.

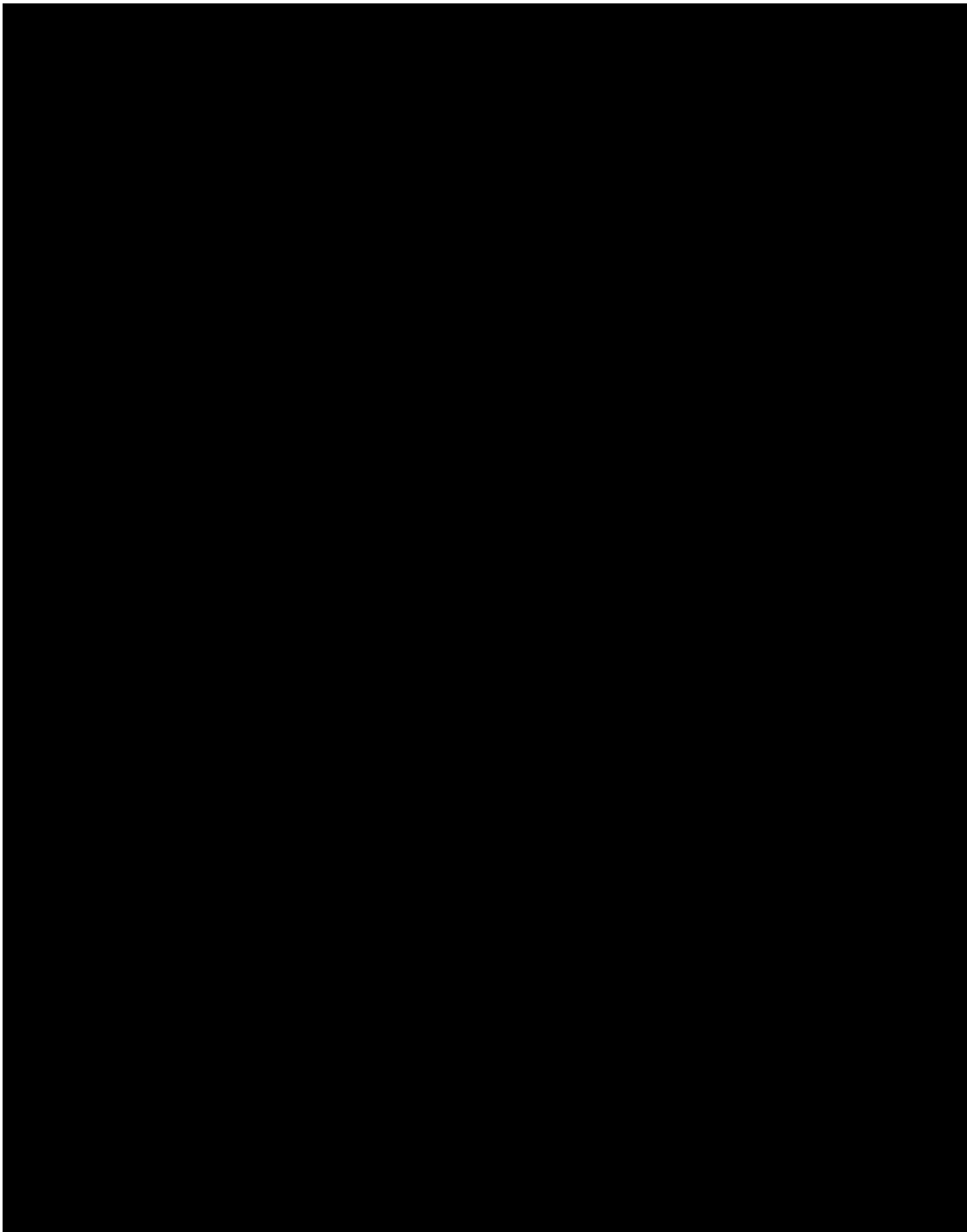


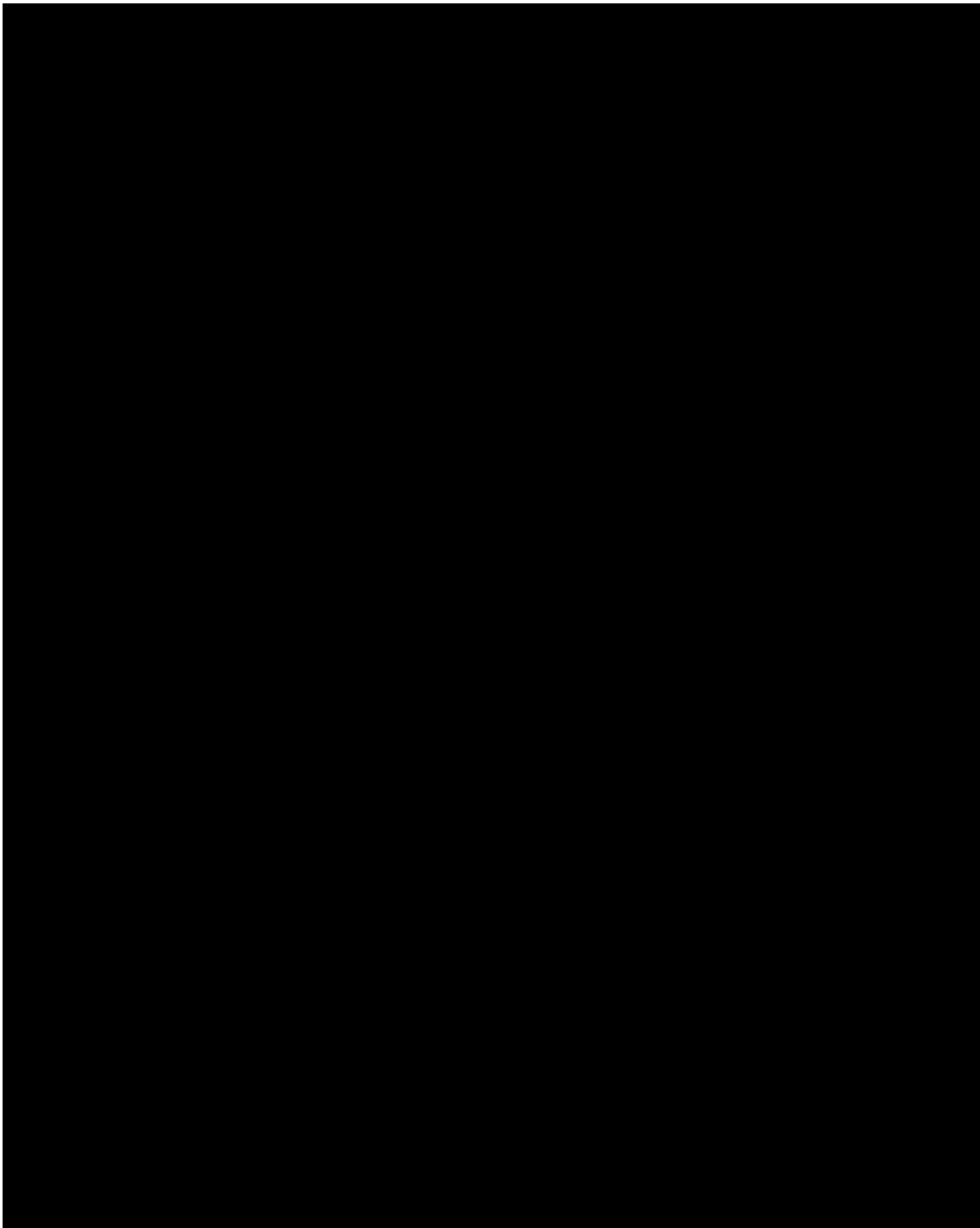


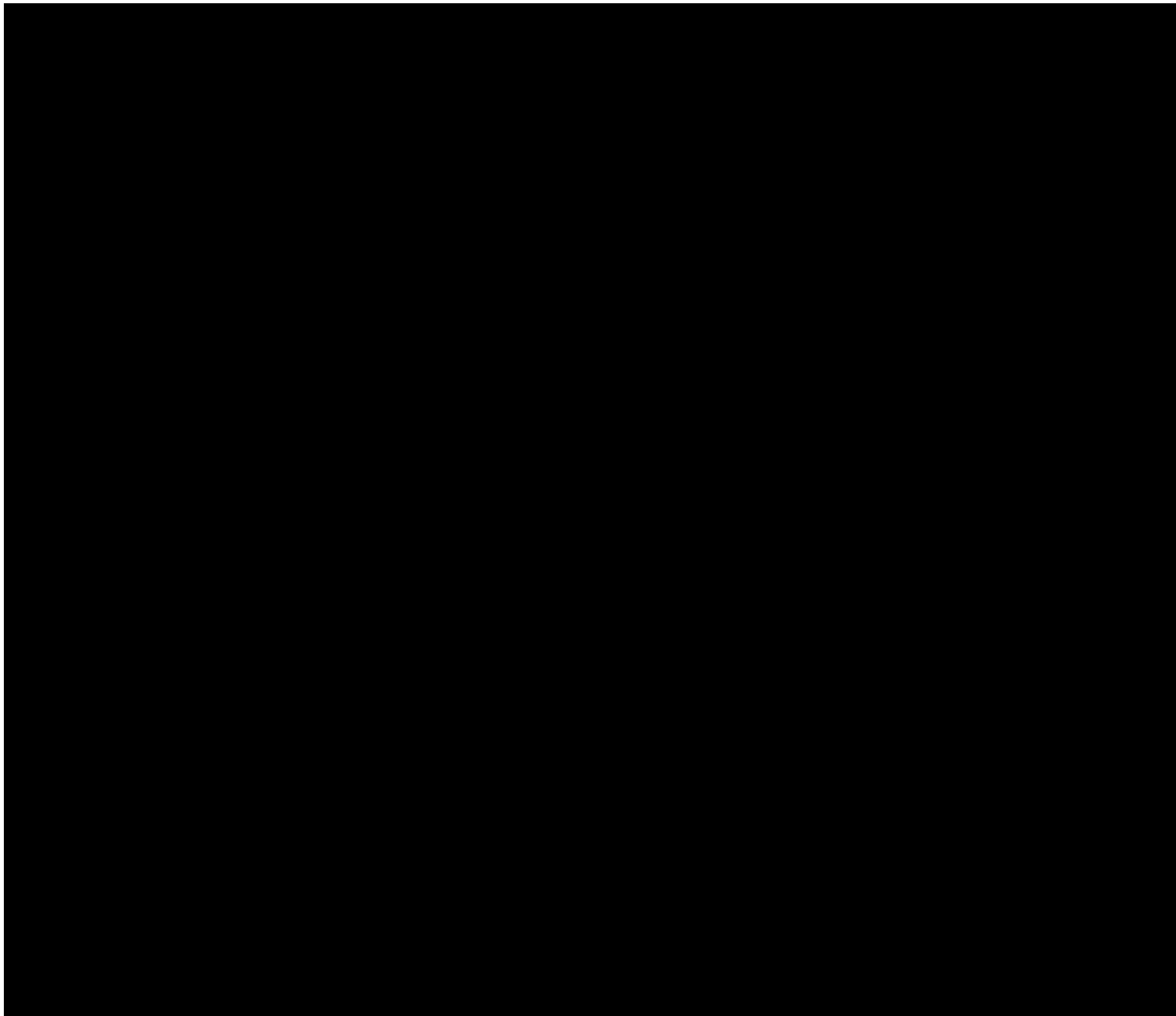












U.S. House of Representatives
Committee on Natural Resources
Washington, DC 20515

October 17, 2017

The Honorable Ryan Zinke
Secretary
U.S. Department of the Interior
1849 C Street, NW
Washington, DC 20240

Dear Secretary Zinke,

On August 18 of this year, the Office of Surface Mining Reclamation and Enforcement (OSMRE) sent a letter to the National Academies of Sciences, Engineering, and Medicine (NAS) ordering a cessation of all work on a \$1 million public health project titled *Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia*. The OSMRE letter stated that this was a result of a Department of the Interior (DOI) review of grants and cooperative agreements in excess of \$100,000, even though the NAS and DOI have not reported any other grants or cooperative agreements similarly halted.

One week after the letter was sent to the NAS, I and several of my House colleagues sent you a letter requesting that the study be reinstated. So far, we have not received a response. According to the NAS, as of last week they had not received any further information from OSMRE or DOI about the study, and repeated inquiries by my staff in recent weeks to OSMRE and DOI about the study have gone unanswered.

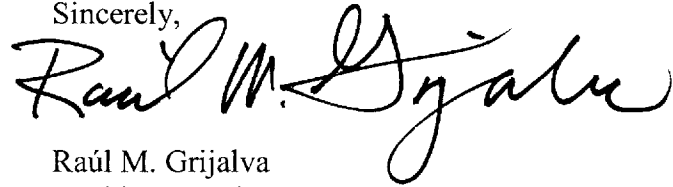
If the true purpose of the cessation order to NAS was to address the budget situation at DOI, which seems doubtful, you should be able to provide information at this time about the status of the remaining \$400,000 on the study's cooperative agreement. The study was awarded to NAS with Fiscal Year (FY) 2016 funds from OSMRE; since OSMRE is given two fiscal years to spend its appropriation, any funding not obligated by the end of FY 2017 is lost to the agency. Since FY 2017 ended on September 30, 2017, DOI must be able to provide an accounting of the remaining \$400,000 at this time, yet it has refused to do so. If that money was spent elsewhere, the American people and Congress deserve to know where that money went. If the money was not spent elsewhere, the American people and Congress deserve to know why the Department chose to waste the \$600,000 that had already been spent on this crucial public health study.

It increasingly appears as if DOI ended the study because of fears that it would conclusively show that mountaintop removal (MTR) coal mining is a serious threat to the health of people living in Appalachia. Cutting off funding for a scientific study because it will likely produce uncomfortable results for powerful administration allies is unconscionable, especially when these political games are affecting public health. Sadly, as we have seen so far this year, this administration routinely suppresses science that doesn't agree with its ideology. This makes

it all the more important to demand answers about these attempts to hide the truth, particularly when human health and lives are at stake.

Since the deadline for OSMRE to re-obligate the remaining funding for the NAS study has already passed, I ask you to please immediately provide information on the status of that funding, including a detailed explanation of why it was repurposed or allowed to expire.

Sincerely,

A handwritten signature in black ink, reading "Raúl M. Grijalva". The signature is fluid and cursive, with the first name "Raúl" being the most prominent part.

Raúl M. Grijalva
Ranking Member
House Committee on Natural Resources



United States Department of the Interior

OFFICE OF SURFACE MINING
RECLAMATION AND ENFORCEMENT
Washington, D.C. 20240



August 18, 2017

Sent via Email and Regular U.S. Mail

Elizabeth A. Eide, Ph.D.
Senior Board Director
Board on Earth Sciences and Resources
Water Science and Technology Board
The National Academies of Sciences, Engineering, and Medicine
500 Fifth St., NW
Washington, DC 20001
EEide@nas.edu

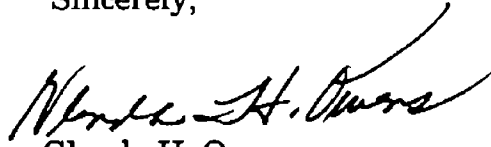
Dear Dr. Eide:

It was a pleasure speaking with you earlier today, and thank you for being available to take our call and email us the additional contact information. As discussed, the Department of the Interior has begun an agency-wide review of its grants and cooperative agreements in excess of \$100,000, largely as a result of our changing budget situation. Thank you for agreeing to cease all activities under Cooperative Agreement number S16AC20034, effective immediately, and until further notice. This immediate cessation includes any third party activities and/or contracting as well.

As discussed, NAS has already scheduled, and funds have been obligated to specific vendors for, an event ranging from August 21 - 23, 2017. Because we do not expect these expenses to be excessive, this three day event may proceed as planned as an exception to this direction. As we further discussed, any later-resulting staff expenses associated with processing reimbursements related to the work occurring during those same three days, which we expect to be relatively minimal, e.g., travel reimbursements, also may be incurred.

Please feel free to call us with any additional questions you may have about this direction as we are performing our review.

Sincerely,

A handwritten signature in black ink, appearing to read "Glenda H. Owens", with a long, sweeping flourish extending from the end.

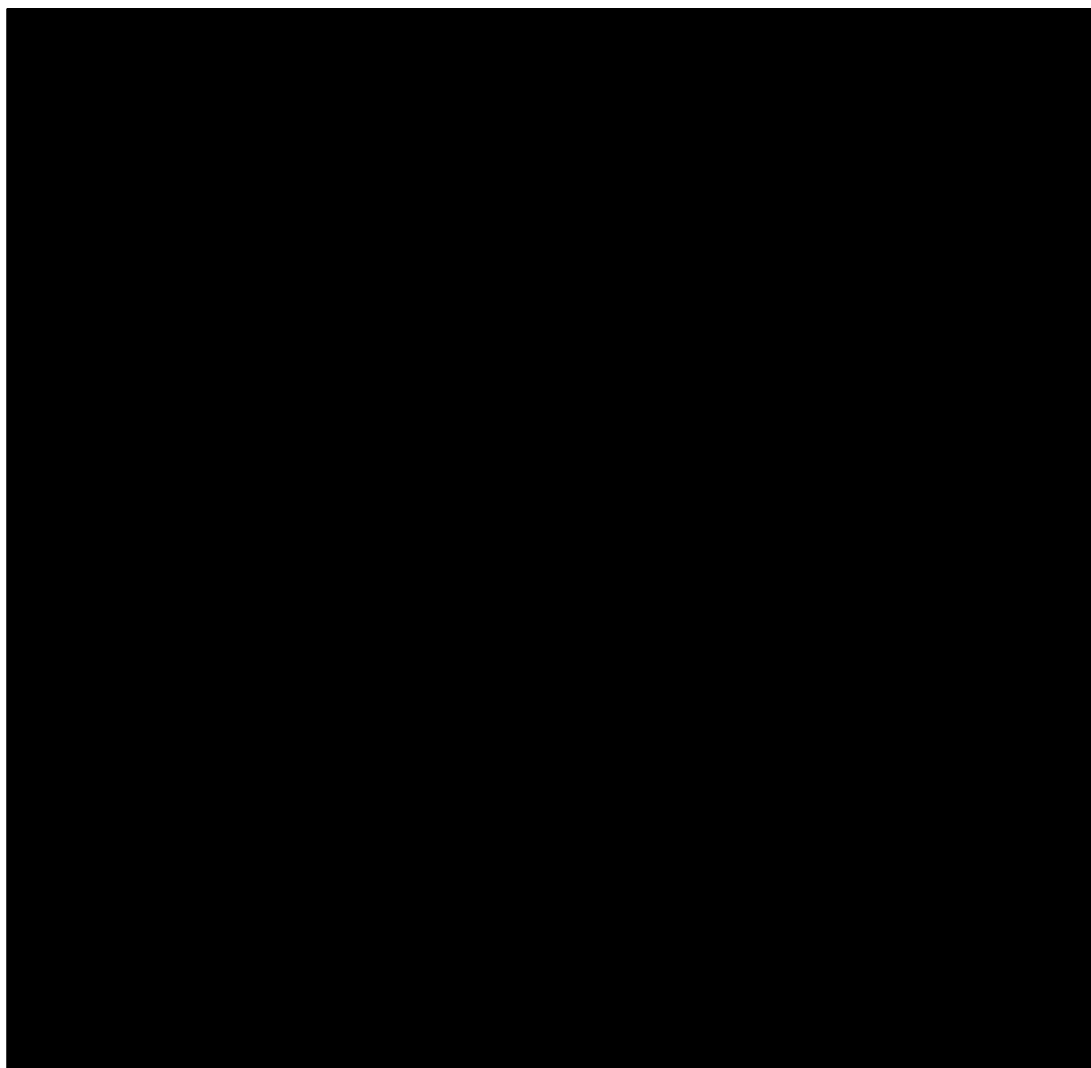
Glenda H. Owens
Acting Director

cc: Dr. Gregory Symmes, gsymmes@nas.edu
Mr. Douglas Denning, ddenning@nas.edu

Congressman Raul Grijalva
U.S. House of Representatives
Committee on Natural Resources
Washington, DC 20510

RE: National Academies of Sciences, Engineering and Medicine Cooperative Agreement S16AS20034

Dear Congressman Grijalva:



[REDACTED]

[REDACTED]

Sincerely,

Glenda Owens, Acting Director, OSMRE

Conversation Contents

NAS IG Questions

Attachments:

/5. NAS IG Questions/7.1 OIG.NAS.COOP.Resp_OSMRE.02.20.18.docx
/5. NAS IG Questions/7.2 ATTACHMENT 1_Ques.3.pdf
/5. NAS IG Questions/7.3 ATTACHMENT 2_OIG.Ques 4.pdf
/5. NAS IG Questions/7.4 ATTACHMENT 3. Secretarial Memo - Managing Grants, Cooperative Agreements, and Other Significant Decisions - 04-12-2017.pdf

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>
Sent: Thu Feb 08 2018 12:50:47 GMT-0700 (MST)
To: Joshua Rockwell <jrockwell@osmre.gov>, Yolande Norman <ynorman@osmre.gov>
CC: "Payne, Harry J." <hpayne@osmre.gov>, "Kuhns, Michael F. Mick" <mkuhns@osmre.gov>
Subject: NAS IG Questions

Yolande:

Mick and I have prepared responses to our assigned set of questions from the meeting this morning (see below). Harry has reviewed and approved our response for each question. If you need additional assistance, please feel free to contact me.

Question #3:

Were there any concerns that NAS was not performing adequately on the Cooperative Agreement?

Question #4:

Were there any concerns that NAS was not spending the grant money as the Cooperative Agreement stipulated?

Question #5:

How was the communication sent to NAS to cease activities of the funding, and from who?

v/r

Josh Rockwell

*Mining Engineer/Dam Safety Officer
Office of Surface Mining, Reclamation and Enforcement
Division of Regulatory Support
1849 C. Street, NW, Mail Stop 4550
Washington, DC 20240
(202) 209-2633 work
(410) 456-8042 cell*

"Norman, Yolande" <ynorman@osmre.gov>

From: "Norman, Yolande" <ynorman@osmre.gov>
Sent: Thu Feb 08 2018 13:23:16 GMT-0700 (MST)
To: "Rockwell, Joshua" <jrockwell@osmre.gov>
CC: "Payne, Harry J." <hpayne@osmre.gov>, "Kuhns, Michael F. Mick" <mkuhns@osmre.gov>
Subject: Re: NAS IG Questions

Thanks a bunch.

I will respond to the other 2 questions and provide you with my edits for vetting.

On Thu, Feb 8, 2018 at 2:50 PM, Rockwell, Joshua <jrockwell@osmre.gov> wrote:
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[REDACTED]

v/r

Josh Rockwell

*Mining Engineer/Dam Safety Officer
Office of Surface Mining, Reclamation and Enforcement
Division of Regulatory Support
1849 C. Street, NW, Mail Stop 4550
Washington, DC 20240
(202) 209-2633 work
(410) 456-8042 cell*

--

*Yolande J.C. Norman
Chief, Reclamation Support Division
Program Support Directorate
Department of Interior
Office of Surface Mining Reclamation & Enforcement
1849 C Street NW
Main Interior Building, Room 4545
Washington DC, 20240
Tele: (202) 208-2868
Email: ynorman@osmre.gov*

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>
Sent: Thu Feb 08 2018 13:23:43 GMT-0700 (MST)
To: "Rockwell, Joshua" <jrockwell@osmre.gov>
CC: Harry Payne <hpayne@osmre.gov>
Subject: Re: NAS IG Questions

As per his earlier e-mail, Harry wanted to [REDACTED]

[REDACTED]

Michael "Mick" Kuhns, Physical Scientist
*U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
1849 C Street NW, Washington, D.C. 20240 Room 4556
Office: (202) 208-2860
mkuhns@osmre.gov*

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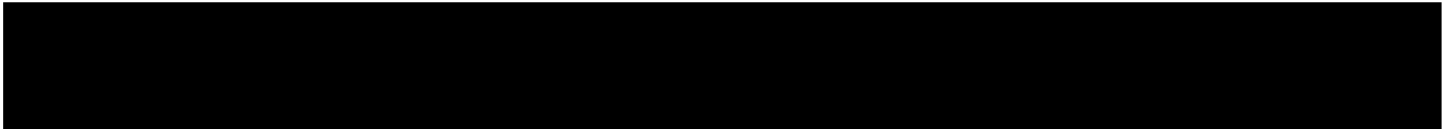
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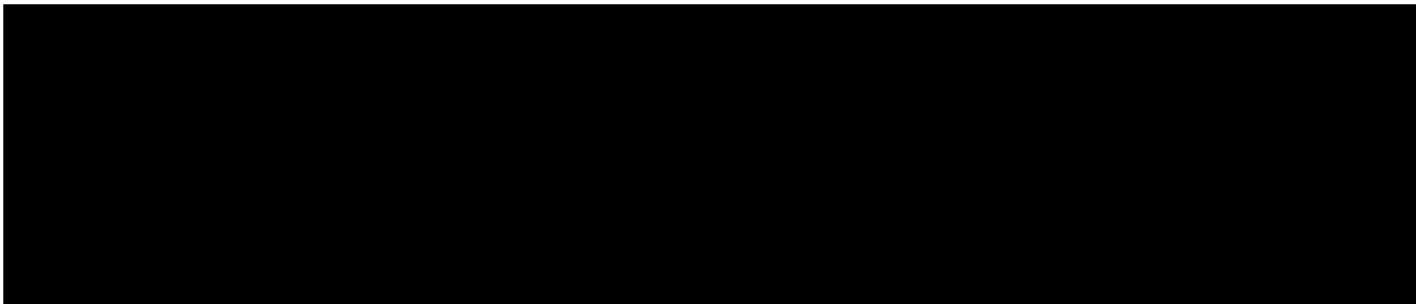
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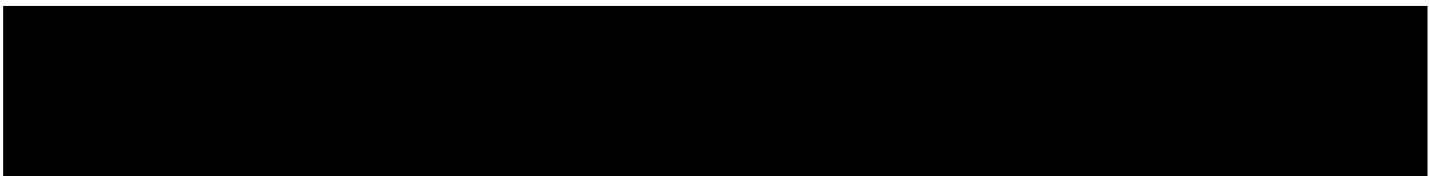
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v/r

Josh Rockwell

*Mining Engineer/Dam Safety Officer
Office of Surface Mining, Reclamation and Enforcement
Division of Regulatory Support
1849 C. Street, NW, Mail Stop 4550
Washington, DC 20240
(202) 209-2633 work
(410) 456-8042 cell*

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>
Sent: Thu Feb 08 2018 13:51:01 GMT-0700 (MST)
To: "Kuhns, Michael" <mkuhns@osmre.gov>
CC: Harry Payne <hpayne@osmre.gov>
Subject: Re: NAS IG Questions

Thx for the catch. I'll make it right with Yolande.

Josh Rockwell

Mining Engineer/Dam Safety Officer
Office of Surface Mining, Reclamation and Enforcement
Division of Regulatory Support
1849 C. Street, NW, Mail Stop 4550
Washington, DC 20240
(202) 209-2633 work
(410) 456-8042 cell

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As per his earlier e-mail, Harry wanted to [REDACTED]

Michael "Mick" Kuhns, Physical Scientist

U.S. Department of the Interior

Office of Surface Mining Reclamation and Enforcement

1849 C Street NW, Washington, D.C. 20240 Room 4556

Office: (202) 208-2860

mkuhns@osmre.gov

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"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>
Sent: Thu Feb 08 2018 13:52:46 GMT-0700 (MST)
To: Joshua Rockwell <jrockwell@osmre.gov>, Yolande Norman <ynorman@osmre.gov>
CC: "Payne, Harry J." <hpayne@osmre.gov>, "Kuhns, Michael F. Mick" <mkuhns@osmre.gov>
Subject: Re: NAS IG Questions

Yolande:
Mick caught an error. Please substitute the following answer for Question #5:

How was the communication sent to NAS to cease activities of the funding and from who?

Josh Rockwell

Mining Engineer/Dam Safety Officer
Office of Surface Mining, Reclamation and Enforcement
Division of Regulatory Support
1849 C. Street, NW, Mail Stop 4550
Washington, DC 20240
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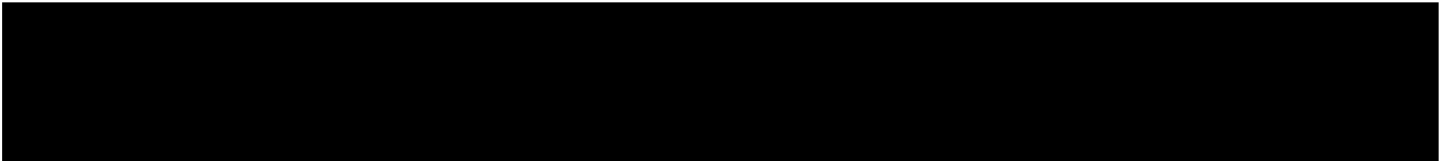
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Josh Rockwell

*Mining Engineer/Dam Safety Officer
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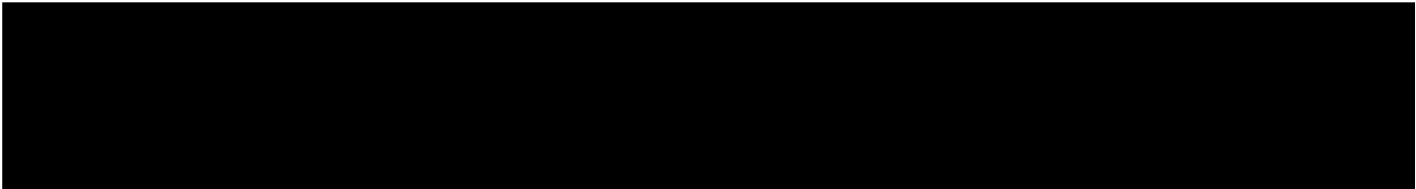
Got it.

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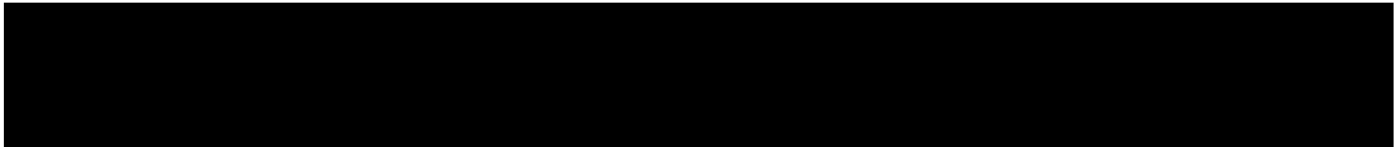
On Thu, Feb 8, 2018 at 2:50 PM, Rockwell, Joshua <jrockwell@osmre.gov> wrote:

Yolande:

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Question #3:

Were there any concerns that NAS was not performing adequately on the Cooperative Agreement?



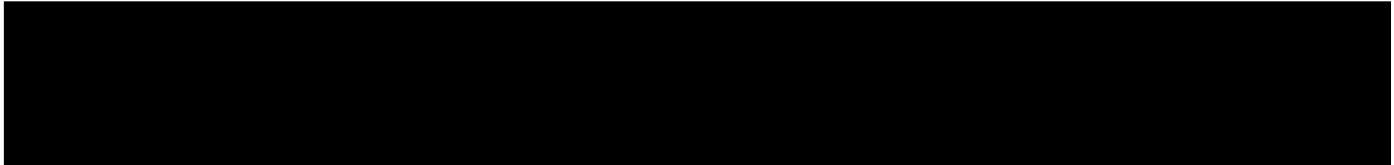
Question #4:

Were there any concerns that NAS was not spending the grant money as the Cooperative Agreement stipulated?



Question #5:

How was the communication sent to NAS to cease activities of the funding, and from who?



v/r

Josh Rockwell

*Mining Engineer/Dam Safety Officer
Office of Surface Mining, Reclamation and Enforcement
Division of Regulatory Support
1849 C. Street, NW, Mail Stop 4550
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Yolande J.C. Norman
Chief, Reclamation Support Division
Program Support Directorate
Department of Interior
Office of Surface Mining Reclamation & Enforcement
1849 C Street NW
Main Interior Building, Room 4545
Washington DC, 20240
Tele: (202) 208-2868
[Email: ynorman@osmre.gov](mailto:ynorman@osmre.gov)

"Norman, Yolande" <ynorman@osmre.gov>

From: "Norman, Yolande" <ynorman@osmre.gov>
Sent: Tue Feb 20 2018 08:32:16 GMT-0700 (MST)
To: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Kuhns, Michael F. Mick" <mkuhns@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>
CC: "Payne, Harry J." <hpayne@osmre.gov>
Subject: Re: NAS IG Questions
OIG.NAS.COOP.Resp_OSMRE.02.20.18.docx ATTACHMENT
1_Ques.3.pdf ATTACHMENT 2_OIG.Ques 4.pdf ATTACHMENT
Attachments: 3. Secretarial Memo - Managing Grants, Cooperative Agreements, and Other Significant Decisions - 04-12-2017.pdf

Good morning everyone,

I have compiled all the questions along with responses to the OIG.

Please review the attached and include your edits in track changes.

The last question, I am waiting for Yetunde and Josh to compile the last attachment concerning deliverables.

Due cob - Tues. Jan 21st.

Thanks

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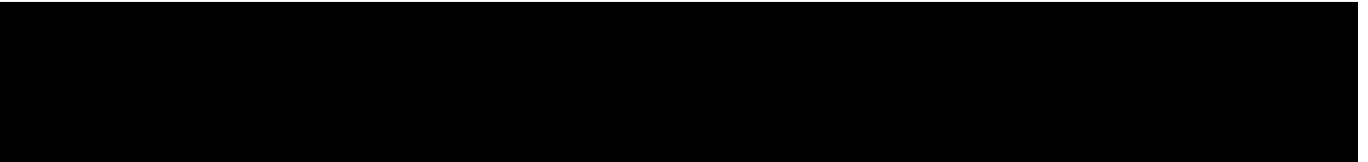
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--

*Yolande J.C. Norman
Chief, Reclamation Support Division
Program Support Directorate
Department of Interior*

"Norman, Yolande" <ynorman@osmre.gov>

From: "Norman, Yolande" <ynorman@osmre.gov>
Sent: Wed Feb 21 2018 10:17:05 GMT-0700 (MST)
To: "Rockwell, Joshua" <jrockwell@osmre.gov>, "Kuhns, Michael F. Mick" <mkuhns@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>
CC: "Payne, Harry J." <hpayne@osmre.gov>, Yolande Norman <ynorman@osmre.gov>
Subject: Re: NAS IG Questions

Hi Josh and Mick,

Please don't forget to compile your deliverables in response to Question #6. If you could pdf the package that would be very helpful.

Remember to include your edits in track changes on the WORD Document.

Need it by cob today.
Thanks a bunch.

On Tue, Feb 20, 2018 at 10:32 AM, Norman, Yolande <ynorman@osmre.gov> wrote:
Good morning everyone,

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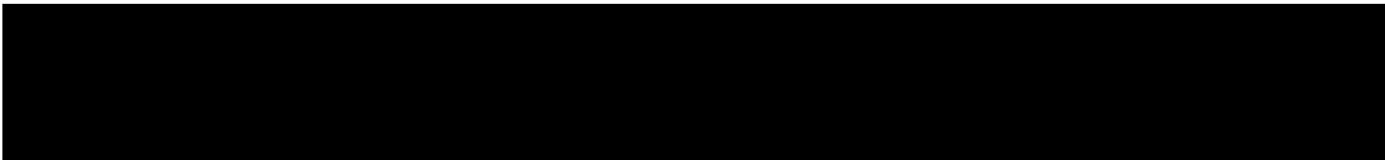
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*Yolande J.C. Norman
Chief, Reclamation Support Division
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Tele: (202) 208-2868
Email: ynorman@osmre.gov

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>
Sent: Wed Feb 21 2018 11:18:00 GMT-0700 (MST)
To: "Norman, Yolande" <ynorman@osmre.gov>
CC: "Kuhns, Michael F. Mick" <mkuhns@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, "Payne, Harry J." <hpayne@osmre.gov>
Subject: Re: NAS IG Questions

All:

As soon as I complete and send this email, I'm going to send a link that will allow you to access a folder on my Google Drive. The sub-directories and files found within this folder have been compiled by Mick and me in an effort to address Mr. Reynold's, "Question #6". Once you receive the invitation to access the folder titled, "NAS-IG Audit-Project Management", you will find 4 sub-directories: NAS Draw Down Requests And Approvals, NAS Meetings, NAS Qrtly Reports and OSMRE Qrtly Performance Reviews.

Sub-directories

1)NAS Draw Down Requests and Approvals contains a summary Excel spreadsheet that identifies each draw and how the monies were spent. Also, in this sub-directory, you will find a Word document that contains the actual communications required for "Agency Review" for each draw down. The document separates out the correspondence by draw down number. Each email with requested amounts and justifications are identified as well as those instances when a correction was required. Also, the emails that "approved" the related draw downs have been entered.

2)NAS Meetings contains one Word document that identifies the meeting number, location, dates, times and agendas. PLEASE NOTE: NAS refers to meeting numbers 4 and 5. OSMRE considered these two meetings as one meeting, #4. They both took place in Kentucky on consecutive days. NAS broke the agendas out and called them different meetings, but for draw down requests and approvals, all funds for what NAS identifies as meetings #4 and #5 were charged against meeting #4.

3)NAS Qrtly Reports contains the reports for the 4 quarters from when the project was not placed on hold.

4)OSMRE Qrtly Performance Reviews contains OSMRE's review of NAS's performance for the 4 quarters from when the project was not placed on hold.

Your invitation to review the materials will be coming shortly.

v/r

Josh Rockwell

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[REDACTED]

Josh Rockwell

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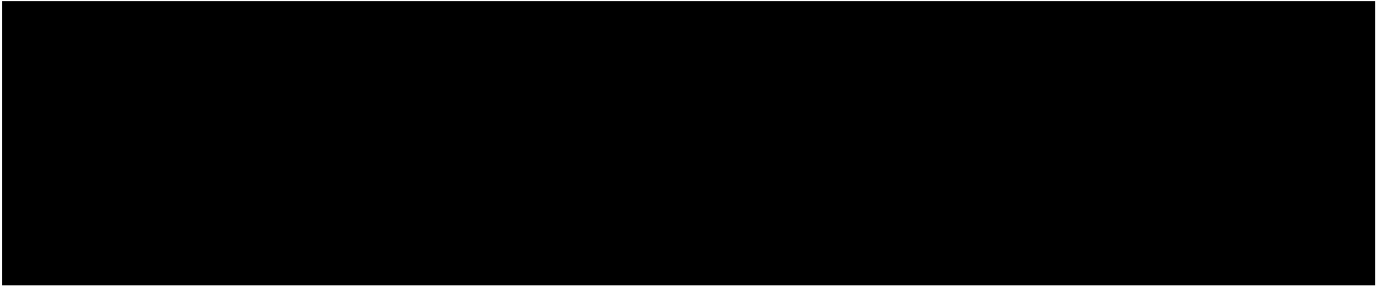
-

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[REDACTED]

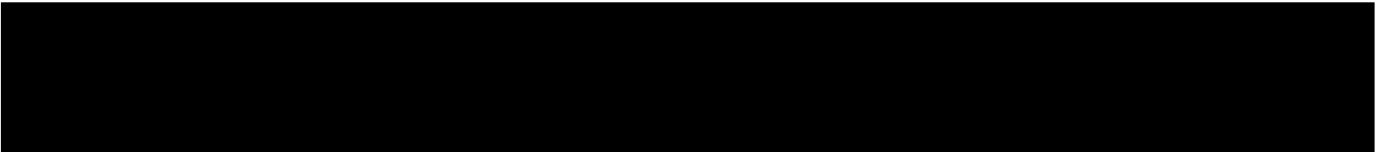
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Email: ynorman@osmre.gov*



Norman, Yolande <ynorman@osmre.gov>

re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

4 messages

Bautista, Jay <jbautista@osmre.gov>

Wed, Jul 12, 2017 at 2:30 PM

To: Glenda Owens <gowens@osmre.gov>

Cc: Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>

Hi Glenda,

Yetunde Richardson received a call from Jim Weiner from the Solicitor's Office. He was calling because [REDACTED]

While he was appreciative of any guidance that she was able to provide, he was going to continue to look in to this. I am not sure that he is going to call back but she let him know that we inform you that he is looking into it.

Current status of the agreement: OSMRE awarded \$1,003,553 on July 22, 2016. The start date of the agreement is August 1, 2016 and ending July 31, 2018. To date NAS has expended \$251,284.12, about 25% of the award amount. OSMRE has required NAS to submit supporting documentation for every expenditure for approval by staff in the Division of Regulatory Support before releasing funds to them.

Let me know if you have any questions.

Jay Bautista

Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240
(202) 208-7411

2 CFR 200 subsection 200.339.docx
15K**Yolande Norman** <ynorman@osmre.gov>

Wed, Jul 12, 2017 at 2:48 PM

To: Sterling Rideout <srideout@osmre.gov>

Sent from my iPhone

Begin forwarded message:

From: "Bautista, Jay" <jbautista@osmre.gov>**Date:** July 12, 2017 at 12:30:33 PM MDT**To:** Glenda Owens <gowens@osmre.gov>**Cc:** Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>**Subject:** re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

[Quoted text hidden]

2 attachments

 **noname.html**
1K **2 CFR 200 subsection 200.339.docx**
15K

Yolande Norman <ynorman@osmre.gov>
To: Yetunde Richardson <yrichardson@osmre.gov>
Cc: Jay Bautista <jbautista@osmre.gov>

Thu, Jul 13, 2017 at 10:41 AM

Sent from my iPhone

Begin forwarded message.

From: "Bautista, Jay" <jbautista@osmre.gov>
Date: July 12, 2017 at 12:30:33 PM MDT
To: Glenda Owens <gowens@osmre.gov>
Cc: Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>
Subject: re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

[Quoted text hidden]

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Bautista, Jay <jbautista@osmre.gov>
To: Yolande Norman <ynorman@osmre.gov>
Cc: "Richardson, Yetunde" <yrichardson@osmre.gov>

Thu, Aug 10, 2017 at 7:57 AM

Jay Bautista
Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240

(202) 208-7411

----- Forwarded message -----

From: Bautista, Jay <jbautista@osmre.gov>
Date: Wed, Jul 12, 2017 at 2:30 PM
Subject: re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)
To: Glenda Owens <gowens@osmre.gov>
Cc: Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>

[Quoted text hidden]

 **2 CFR 200 subsection 200.339.docx**
15K

Excerpt from the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, Title 2.

§200.339 Termination.

(a) The Federal award may be terminated in whole or in part as follows:

(1) By the Federal awarding agency or pass-through entity, if a non-Federal entity fails to comply with the terms and conditions of a Federal award;

(2) By the Federal awarding agency or pass-through entity for cause;

(3) By the Federal awarding agency or pass-through entity with the consent of the non-Federal entity, in which case the two parties must agree upon the termination conditions, including the effective date and, in the case of partial termination, the portion to be terminated; or

(4) By the non-Federal entity upon sending to the Federal awarding agency or pass-through entity written notification setting forth the reasons for such termination, the effective date, and, in the case of partial termination, the portion to be terminated. However, if the Federal awarding agency or pass-through entity determines in the case of partial termination that the reduced or modified portion of the Federal award or subaward will not accomplish the purposes for which the Federal award was made, the Federal awarding agency or pass-through entity may terminate the Federal award in its entirety.

(b) When a Federal awarding agency terminates a Federal award prior to the end of the period of performance due to the non-Federal entity's material failure to comply with the Federal award terms and conditions, the Federal awarding agency must report the termination to the OMB-designated integrity and performance system accessible through SAM (currently FAPIIS).

(1) The information required under paragraph (b) of this section is not to be reported to designated integrity and performance system until the non-Federal entity either—

(i) Has exhausted its opportunities to object or challenge the decision, see §200.341 Opportunities to object, hearings and appeals; or

(ii) Has not, within 30 calendar days after being notified of the termination, informed the Federal awarding agency that it intends to appeal the Federal awarding agency's decision to terminate.

(2) If a Federal awarding agency, after entering information into the designated integrity and performance system about a termination, subsequently:

(i) Learns that any of that information is erroneous, the Federal awarding agency must correct the information in the system within three business days;

(ii) Obtains an update to that information that could be helpful to other Federal awarding agencies, the Federal awarding agency is strongly encouraged to amend the information in the system to incorporate the update in a timely way.

(3) Federal awarding agencies, shall not post any information that will be made publicly available in the non-public segment of designated integrity and performance system that is covered by a disclosure exemption under the Freedom of Information Act. If the non-Federal entity asserts within seven calendar days to the Federal awarding agency who posted the information, that some of the information made publicly available is covered by a disclosure exemption under the Freedom of Information Act, the Federal

awarding agency who posted the information must remove the posting within seven calendar days of receiving the assertion. Prior to reposting the releasable information, the Federal agency must resolve the issue in accordance with the agency's Freedom of Information Act procedures.

(c) When a Federal award is terminated or partially terminated, both the Federal awarding agency or pass-through entity and the non-Federal entity remain responsible for compliance with the requirements in §§200.343 Closeout and 200.344 Post-closeout adjustments and continuing responsibilities.

[78 FR 78608, Dec. 26, 2013, as amended at 80 FR 43309, July 22, 2015]



Norman, Yolande <ynorman@osmre.gov>

re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

4 messages

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Wed, Jul 12, 2017 at 2:30 PM

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2 attachments

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Norman, Yolande <ynorman@osmre.gov>

Fwd: Grants and Cooperative Agreements

1 message

Richardson, Yetunde <yrichardson@osmre.gov>
To: Yolande Norman <ynorman@osmre.gov>

Thu, Aug 10, 2017 at 6:45 AM

----- Forwarded message -----

From: **Davis, Landon** <landon_davis@ios.doi.gov>
Date: Wed, Aug 9, 2017 at 5:23 PM
Subject: Grants and Cooperative Agreements
To: Glenda Owens <gowens@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, Sterling Rideout <srideout@osmre.gov>
Cc: Katharine Macgregor <katharine_macgregor@ios.doi.gov>, Joshua Campbell <joshua.campbell@sol.doi.gov>

Hi Glenda--

As you know, the Secretary has ordered a department-wide freeze or hold on all activity involving grants and or cooperative agreements over \$100,000. This order was given several months ago. The purpose for this directive is to allow the new administration to conduct a review of these same projects to assess their relationship with DOI. The NAS in grant/cooperative agreement #S16AC20034 was awarded over \$1 Million effective 8/4/16, with the projected completion date 7/31/18 with NAS having to make approved draw-downs on this award. This award was made under the authority of SMCRA.

Apparently, NAS has approximately \$900,000 of this award that has not spent. You have told Kate and myself that you would look into the status of this cooperative agreement. As you are aware, OSMRE is facing budgetary strains and we are trying find ways to best steward our limited resources and comply with pre-existing secretarial orders. Importantly, DOI issued a hold order on this grant months ago, as described above. This would include NAS' contracting with third parties. We, however, have seen NAS continue to conduct meetings and other activities involving this grant. They appear to have not complied with the order.

Please confirm that you have instructed NAS to comply with the department-wide hold order by replying to all CC'd on this message.

Thanks!
Tucker

--
Tucker Davis
Department of the Interior
202.706.9403

--

Best Regards,

Yetunde E. Richardson
Grants Management Specialist
Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1951 Constitution Avenue N.W. #125
Washington, D.C. 20240
Phone: (202) 208-2766 Fax: (202) 219-0239



Norman, Yolande <ynorman@osmre.gov>

Halt Letter to NAS

Owens, Glenda <gowens@osmre.gov>

Fri, Aug 18, 2017 at 3:03 PM

To: "Norman, Yolande" <ynorman@osmre.gov>

Cc: "Rideout, Sterling" <srideout@osmre.gov>, Harry Payne <hpayne@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>

Yolande,

Thanks for providing this draft letter, however, the attorney from the Solicitor's Office who sat in on the call I had with Elizabeth Eide is drafting the letter based on our conversation with her. I'll be signing the letter. I am expecting him to send the letter over in draft later this afternoon for my review. Elizabeth gave me the name of two individuals, one of them was her direct supervisor, to whom we should send the letter. I'll let you know when I receive it.

Thanks,
Glenda

[Quoted text hidden]

--

Glenda H. Owens

Deputy Director

U.S. Department of the Interior

Office of Surface Mining Reclamation and Enforcement

(O) 202-208-4006

(F) 202-219-3106

gowens@osmre.gov



Norman, Yolande <ynorman@osmre.gov>

re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

4 messages

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Current status of the agreement: OSMRE awarded \$1,003,553 on July 22, 2016. The start date of the agreement is August 1, 2016 and ending July 31, 2018. To date NAS has expended \$251,284.12, about 25% of the award amount. OSMRE has required NAS to submit supporting documentation for every expenditure for approval by staff in the Division of Regulatory Support before releasing funds to them.

Let me know if you have any questions.

Jay Bautista

Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240
(202) 208-7411

2 CFR 200 subsection 200.339.docx
15K**Yolande Norman** <ynorman@osmre.gov>

Wed, Jul 12, 2017 at 2:48 PM

To: Sterling Rideout <srideout@osmre.gov>

Sent from my iPhone

Begin forwarded message:

From: "Bautista, Jay" <jbautista@osmre.gov>**Date:** July 12, 2017 at 12:30:33 PM MDT**To:** Glenda Owens <gowens@osmre.gov>**Cc:** Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>**Subject:** re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

[Quoted text hidden]

2 attachments

2/8/2018

DEPARTMENT OF THE INTERIOR Mail - re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

 **noname.html**
1K

 **2 CFR 200 subsection 200.339.docx**
15K

Yolande Norman <ynorman@osmre.gov>
To: Yetunde Richardson <yrichardson@osmre.gov>
Cc: Jay Bautista <jbautista@osmre.gov>

Thu, Jul 13, 2017 at 10:41 AM

Sent from my iPhone

Begin forwarded message:

From: "Bautista, Jay" <jbautista@osmre.gov>
Date: July 12 2017 at 12:30:33 PM MDT
To: Glenda Owens <gowens@osmre.gov>
Cc: Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>
Subject: re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

[Quoted text hidden]

2 attachments

 **noname.html**
1K

 **2 CFR 200 subsection 200.339.docx**
15K

Bautista, Jay <jbautista@osmre.gov>
To: Yolande Norman <ynorman@osmre.gov>
Cc: "Richardson, Yetunde" <yrichardson@osmre.gov>

Thu, Aug 10, 2017 at 7:57 AM


Jay Bautista
Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240

(202) 208-7411

----- Forwarded message -----

From: Bautista, Jay <jbautista@osmre.gov>
Date: Wed, Jul 12, 2017 at 2:30 PM
Subject: re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)
To: Glenda Owens <gowens@osmre.gov>
Cc: Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>

[Quoted text hidden]

 **2 CFR 200 subsection 200.339.docx**
15K

Excerpt from the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards. Title 2.

§200.339 Termination.

(a) The Federal award may be terminated in whole or in part as follows:

(1) By the Federal awarding agency or pass-through entity, if a non-Federal entity fails to comply with the terms and conditions of a Federal award;

(2) By the Federal awarding agency or pass-through entity for cause;

(3) By the Federal awarding agency or pass-through entity with the consent of the non-Federal entity, in which case the two parties must agree upon the termination conditions, including the effective date and, in the case of partial termination, the portion to be terminated; or

(4) By the non-Federal entity upon sending to the Federal awarding agency or pass-through entity written notification setting forth the reasons for such termination, the effective date, and, in the case of partial termination, the portion to be terminated. However, if the Federal awarding agency or pass-through entity determines in the case of partial termination that the reduced or modified portion of the Federal award or subaward will not accomplish the purposes for which the Federal award was made, the Federal awarding agency or pass-through entity may terminate the Federal award in its entirety.

(b) When a Federal awarding agency terminates a Federal award prior to the end of the period of performance due to the non-Federal entity's material failure to comply with the Federal award terms and conditions, the Federal awarding agency must report the termination to the OMB-designated integrity and performance system accessible through SAM (currently FAPIIS).

(1) The information required under paragraph (b) of this section is not to be reported to designated integrity and performance system until the non-Federal entity either—

(i) Has exhausted its opportunities to object or challenge the decision, see §200.341 Opportunities to object, hearings and appeals; or

(ii) Has not, within 30 calendar days after being notified of the termination, informed the Federal awarding agency that it intends to appeal the Federal awarding agency's decision to terminate.

(2) If a Federal awarding agency, after entering information into the designated integrity and performance system about a termination, subsequently:

(i) Learns that any of that information is erroneous, the Federal awarding agency must correct the information in the system within three business days;

(ii) Obtains an update to that information that could be helpful to other Federal awarding agencies, the Federal awarding agency is strongly encouraged to amend the information in the system to incorporate the update in a timely way.

(3) Federal awarding agencies, shall not post any information that will be made publicly available in the non-public segment of designated integrity and performance system that is covered by a disclosure exemption under the Freedom of Information Act. If the non-Federal entity asserts within seven calendar days to the Federal awarding agency who posted the information, that some of the information made publicly available is covered by a disclosure exemption under the Freedom of Information Act, the Federal

awarding agency who posted the information must remove the posting within seven calendar days of receiving the assertion. Prior to reposting the releasable information, the Federal agency must resolve the issue in accordance with the agency's Freedom of Information Act procedures.

(c) When a Federal award is terminated or partially terminated, both the Federal awarding agency or pass-through entity and the non-Federal entity remain responsible for compliance with the requirements in §§200.343 Closeout and 200.344 Post-closeout adjustments and continuing responsibilities.

[78 FR 78608, Dec. 26, 2013, as amended at 80 FR 43309, July 22, 2015]



Norman, Yolande <ynorman@osmre.gov>

re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

4 messages

Bautista, Jay <jbautista@osmre.gov>

Wed, Jul 12, 2017 at 2:30 PM

To: Glenda Owens <gowens@osmre.gov>

Cc: Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>

Hi Glenda,

Yetunde Richardson received a call from Jim Weiner from the Solicitor's Office. He was calling [REDACTED]

While he was appreciative of any guidance that she was able to provide, he was going to continue to look in to this. I am not sure that he is going to call back but she let him know that we inform you that he is looking into it.

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Let me know if you have any questions.

Jay Bautista

Program Specialist (Grants)
Division of Reclamation Support
Program Support Directorate
1951 Constitution Ave NW
Room 130 SIB
Washington, DC 20240
(202) 208-7411

2 CFR 200 subsection 200.339.docx
15K**Yolande Norman** <ynorman@osmre.gov>

Wed, Jul 12, 2017 at 2:48 PM

To: Sterling Rideout <srideout@osmre.gov>

Sent from my iPhone

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From: "Bautista, Jay" <jbautista@osmre.gov>
Date: July 12, 2017 at 12:30:33 PM MDT
To: Glenda Owens <gowens@osmre.gov>
Cc: Sterling Rideout <srideout@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>
Subject: re: Our Cooperative Agreement with the National Academy of Sciences (S16AC20034)

[Quoted text hidden]

2 attachments

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(4) By the non-Federal entity upon sending to the Federal awarding agency or pass-through entity written notification setting forth the reasons for such termination, the effective date, and, in the case of partial termination, the portion to be terminated. However, if the Federal awarding agency or pass-through entity determines in the case of partial termination that the reduced or modified portion of the Federal award or subaward will not accomplish the purposes for which the Federal award was made, the Federal awarding agency or pass-through entity may terminate the Federal award in its entirety.

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Norman, Yolande <ynorman@osmre.gov>

Fwd: Grants and Cooperative Agreements

1 message

Richardson, Yetunde <yrichardson@osmre.gov>
To: Yolande Norman <ynorman@osmre.gov>

Thu, Aug 10, 2017 at 6:45 AM

----- Forwarded message -----

From: **Davis, Landon** <landon_davis@ios.doi.gov>
Date: Wed, Aug 9, 2017 at 5:23 PM
Subject: Grants and Cooperative Agreements
To: Glenda Owens <gowens@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>, Sterling Rideout <srideout@osmre.gov>
Cc: Katharine Macgregor <katharine_macgregor@ios.doi.gov>, Joshua Campbell <joshua.campbell@sol.doi.gov>

Hi Glenda--

As you know, the Secretary has ordered a department-wide freeze or hold on all activity involving grants and or cooperative agreements over \$100,000. This order was given several months ago. The purpose for this directive is to allow the new administration to conduct a review of these same projects to assess their relationship with DOI. The NAS in grant/cooperative agreement #S16AC20034 was awarded over \$1 Million effective 8/4/16, with the projected completion date 7/31/18 with NAS having to make approved draw-downs on this award. This award was made under the authority of SMCRA.

Apparently, NAS has approximately \$900,000 of this award that has not spent. You have told Kate and myself that you would look into the status of this cooperative agreement. As you are aware, OSMRE is facing budgetary strains and we are trying find ways to best steward our limited resources and comply with pre-existing secretarial orders. Importantly, DOI issued a hold order on this grant months ago, as described above. This would include NAS' contracting with third parties. We, however, have seen NAS continue to conduct meetings and other activities involving this grant. They appear to have not complied with the order.

Please confirm that you have instructed NAS to comply with the department-wide hold order by replying to all CC'd on this message.

Thanks!
Tucker

--

Tucker Davis
Department of the Interior
202.706.9403

--

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1951 Constitution Avenue N.W. #125
Washington, D.C. 20240
Phone: (202) 208-2766 Fax: (202) 219-0239



Norman, Yolande <ynorman@osmre.gov>

Fwd: NAS Study Halt - Cooperative Agreement No. S16AC20034

1 message

Owens, Glenda <gowens@osmre.gov>

Fri, Aug 18, 2017 at 5:48 PM

To: Sterling Rideout <srideout@osmre.gov>, Harry Payne <hpayne@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>

FYI

----- Forwarded message -----

From: Owens, Glenda <gowens@osmre.gov>

Date: Fri, Aug 18, 2017 at 5:42 PM

Subject: NAS Study Halt - Cooperative Agreement No. S16AC20034

To: "Eide, Elizabeth" <EEide@nas.edu>

Cc: gsymmes@nas.edu, ddenning@nas.edu, "Campbell, Joshua" <joshua.campbell@sol.doi.gov>

Dear Dr. Eide,

Attached is a letter memorializing our conversation earlier today regarding our request that you halt all activities under the subject Cooperative Agreement, effective immediately.

Please feel free to contact me if you have any additional questions.

Sincerely,
Glenda Owens

--

Glenda H. Owens

Deputy Director

U.S. Department of the Interior

Office of Surface Mining Reclamation and Enforcement

(O) 202-208-4006

(F) 202-219-3106

gowens@osmre.gov

NAS Study Halt Letter - 8-18-17 (1).pdf
42K



United States Department of the Interior

OFFICE OF SURFACE MINING
RECLAMATION AND ENFORCEMENT
Washington, D.C. 20240



August 18, 2017

Sent via Email and Regular U.S. Mail

Elizabeth A. Eide, Ph.D.
Senior Board Director
Board on Earth Sciences and Resources
Water Science and Technology Board
The National Academies of Sciences, Engineering, and Medicine
500 Fifth St., NW
Washington, DC 20001
EEide@nas.edu

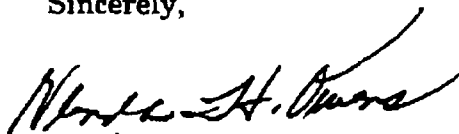
Dear Dr. Eide:

It was a pleasure speaking with you earlier today, and thank you for being available to take our call and email us the additional contact information. As discussed, the Department of the Interior has begun an agency-wide review of its grants and cooperative agreements in excess of \$100,000, largely as a result of our changing budget situation. Thank you for agreeing to cease all activities under Cooperative Agreement number S16AC20034, effective immediately, and until further notice. This immediate cessation includes any third party activities and/or contracting as well.

As discussed, NAS has already scheduled, and funds have been obligated to specific vendors for, an event ranging from August 21 - 23, 2017. Because we do not expect these expenses to be excessive, this three day event may proceed as planned as an exception to this direction. As we further discussed, any later-resulting staff expenses associated with processing reimbursements related to the work occurring during those same three days, which we expect to be relatively minimal, e.g., travel reimbursements, also may be incurred.

Please feel free to call us with any additional questions you may have about this direction as we are performing our review.

Sincerely,

A handwritten signature in black ink, appearing to read "Glenda H. Owens", with a stylized, flowing script.

Glenda H. Owens
Acting Director

cc: Dr. Gregory Symmes, gsymmes@nas.edu
Mr. Douglas Denning, ddenning@nas.edu

Data Requested Submitted By The OIG During The Entrance Interview
On February 8, 2018

Question No. 1: Were any other grants to NAS halted in a similar manner.

Response No. 1:



Question No. 2: Were there any other grants to any organization halted by OSMRE that exceeded \$100,000?

Response No. 2:



Question No. 3: Were there any concerns that NAS was not performing adequately on the Cooperative Agreement?

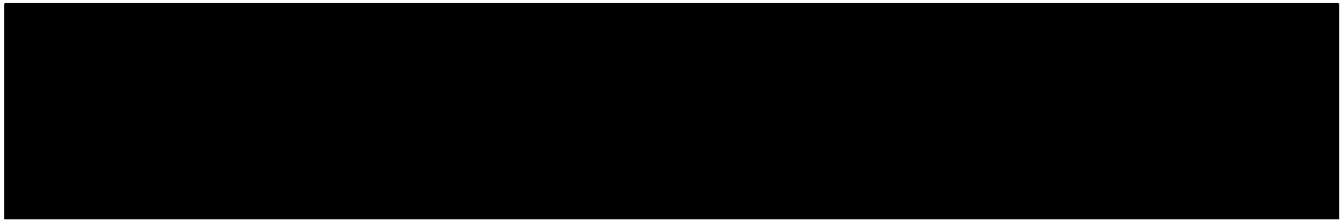
Response No. 3:



Question No. 4: Were there any concerns that NAS was not spending the grant money as the Cooperative Agreement stipulated?

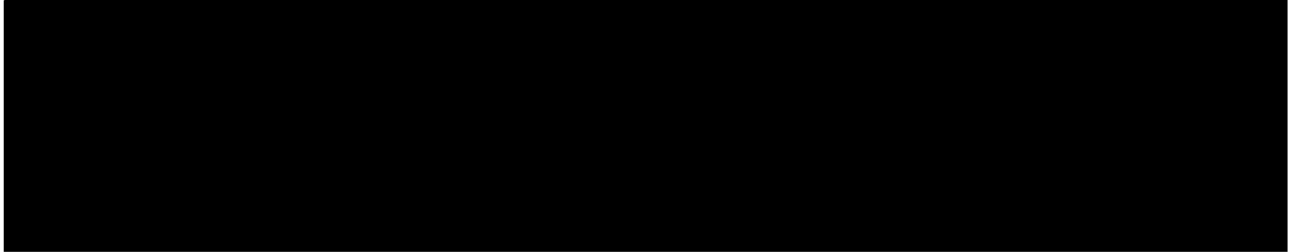
Response No. 4:





Question No. 5: How was the communication sent to NAS to cease activities of the funding, and from who?

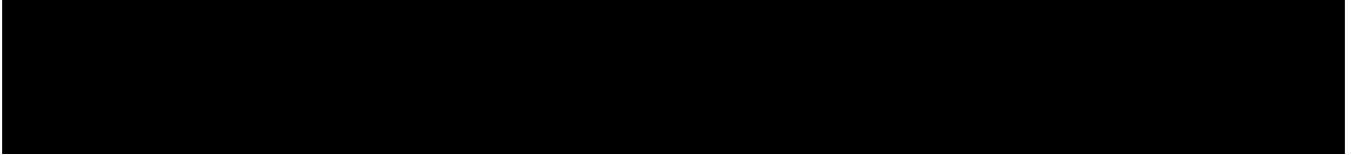
Response No. 5



Data Request Submitted By The OIG Via Email On February 15, 2018

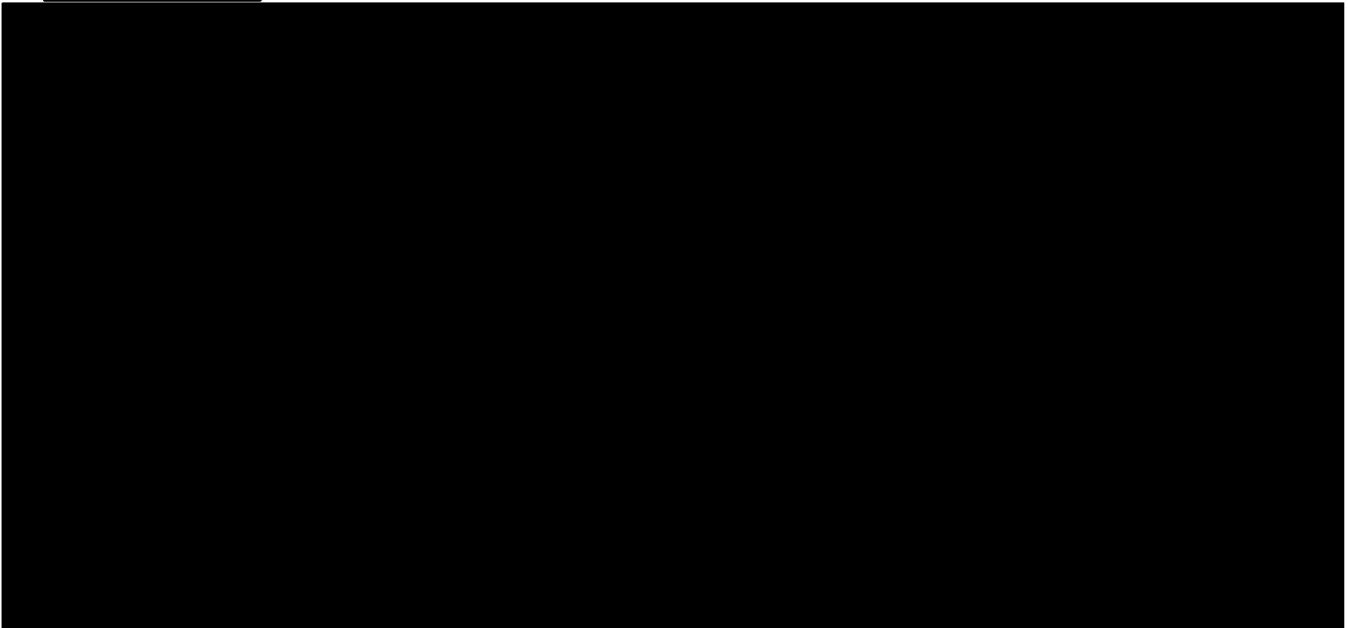
Question No. 1: Listing of other OSMRE grants in excess of \$100,000 halted in a similar manner.

Response No. 1:



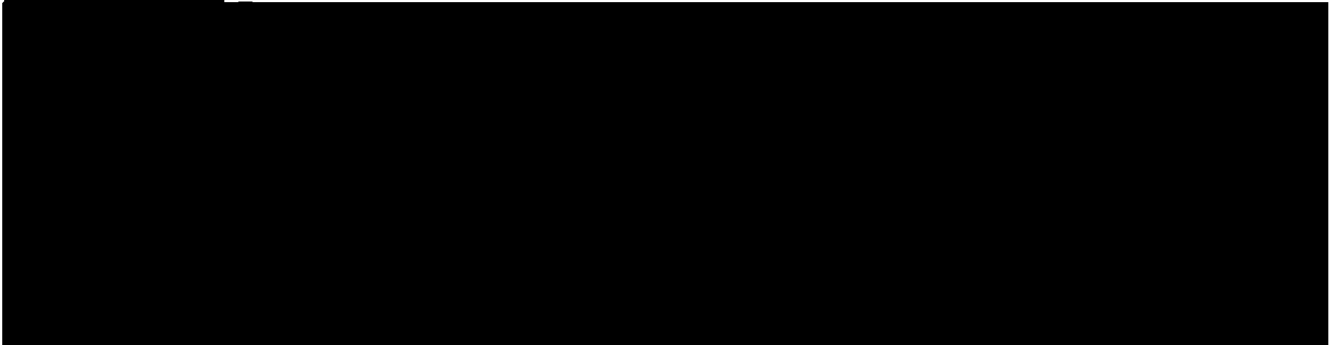
Question No. 2: Information showing the grant expired and that the funds were returned to Treasury.

Response No. 2:



Question No. 3: Contact information for whom made the decision above OSMRE to halt the grant funding.

Response No. 3:



[REDACTED]

Question No. 4. Justification provided to OSMRE to halt the agreement.

Response No. 4:

[REDACTED]

Question No. 5.: Did the Grants Officer identify if there were any conflicts of interest.

Response No. 5:

[REDACTED]

Question No. 6: Deliverables from NAS to OSMRE such as: quarterly reports, briefings, public briefings, SF425 draw-downs and reviews and approvals from Grant Officer of those drawdowns.

Response No. 6:

| *See Attachment 4 – Pending (Mick and Yetunde preparing package).*

Conversation Contents

Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)

Attachments:

/7. Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)/1.1 Milestone Plan S16AC20034.pdf
/7. Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)/1.2 NGA S16AC20034.pdf
/7. Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)/4.1 NGA S16AC20034.pdf
/7. Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)/7.1 S16AC20034 Mod 1.pdf
/7. Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)/9.1 NAS Study Halt Letter - 8-18-17 (1).pdf
/7. Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)/9.2 Letter to Glenda Owens--OSMRE--2-2-18.pdf
/7. Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)/10.1 NAS Study Halt Letter - 8-18-17 (1).pdf
/7. Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)/10.2 Letter to Glenda Owens--OSMRE--2-2-18.pdf

"Richardson, Yetunde" <yrichardson@osmre.gov>

From: "Richardson, Yetunde" <yrichardson@osmre.gov>
Sent: Mon Aug 01 2016 06:57:30 GMT-0600 (MDT)
To: ddenning@nas.edu
CC: Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>, Harry Payne <hpayne@osmre.gov>, Jay Bautista <jbautista@osmre.gov>
Subject: Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)
Attachments: Milestone Plan S16AC20034.pdf NGA S16AC20034.pdf

Good Morning,
Congratulations, attached for your records is National Academy of Sciences Notice of Cooperative Agreement Award #S16AC20034 in the amount of \$1,003,553.00.

Also attached is a milestone report that lists the deadlines for submitting quarterly financial and programmatic reports that will be due throughout the duration of this cooperative agreement.

Please note that all draw down requests are subject to OSMRE review and prior approval.

Program and financial assistance contacts are listed below:

Program Officers

Joshua Rockwell, jrockwell@osmre.gov, (202) 208-2633

Michael Kuhns, mkuhns@osmre.gov, (202) 208-2860

Grants Management Specialist

Yetunde Richardson, yrichardson@osmre.gov, (202) 208-2766

Feel free to contact us with any questions or concerns regarding this cooperative agreement.

--

Best Regards,

Yetunde E. Richardson

Grants Management Specialist

Department of the Interior

Office of Surface Mining Reclamation and Enforcement

Division of Reclamation Support

1951 Constitution Avenue N.W. #125

Washington, D.C. 20240

Phone: (202) 208-2766 Fax: (202) 219-0239

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>
Sent: Mon Aug 01 2016 07:02:16 GMT-0600 (MDT)
To: "Richardson, Yetunde" <yrichardson@osmre.gov>
ddenning@nas.edu, Michael Kuhns <mkuhns@osmre.gov>, Harry
CC: Payne <hpayne@osmre.gov>, Jay Bautista
<jbautista@osmre.gov>
Subject: Re: Notification of Cooperative Agreement Award - National
Academy of Sciences (S16AC20034)

My thanks goes out to the team! Thank you!

On Mon, Aug 1, 2016 at 8:57 AM, Richardson, Yetunde <yrichardson@osmre.gov> wrote:
Good Morning,
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Cooperative Agreement Award #S16AC20034 in the amount of \$1,003,553.00.

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Grants Management Specialist

Yetunde Richardson, yrichardson@osmre.gov, (202) 208-2766

Feel free to contact us with any questions or concerns regarding this cooperative agreement.

--

Best Regards,

Yetunde E. Richardson

Grants Management Specialist

Department of the Interior

Office of Surface Mining Reclamation and Enforcement

Division of Reclamation Support

1951 Constitution Avenue N.W. #125

Washington, D.C. 20240

Phone: (202) 208-2766 Fax: (202) 219-0239

"Denning, Doug" <DDenning@nas.edu>

From: "Denning, Doug" <DDenning@nas.edu>
Sent: Mon Aug 01 2016 07:05:13 GMT-0600 (MDT)
To: "Richardson, Yetunde" <yrichardson@osmre.gov>
Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns
CC: <mkuhns@osmre.gov>, Harry Payne <hpayne@osmre.gov>, Jay
Bautista <jbautista@osmre.gov>
Subject: RE: Notification of Cooperative Agreement Award - National
Academy of Sciences (S16AC20034)

Good morning and thank you. We'll look over the cooperative agreement and get back to you if we have any questions.

From: Richardson, Yetunde [mailto:yrichardson@osmre.gov]

Sent: Monday, August 01, 2016 8:58 AM

To: Denning, Doug

Cc: Joshua Rockwell; Michael Kuhns; Harry Payne; Jay Bautista

Subject: Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)

Good Morning,

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Michael Kuhns, mkuhns@osmre.gov, (202) 208-2860

Grants Management Specialist

Yetunde Richardson, yrichardson@osmre.gov, (202) 208-2766

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Best Regards,

Yetunde E. Richardson

Grants Management Specialist

Department of the Interior

Office of Surface Mining Reclamation and Enforcement

Division of Reclamation Support

1951 Constitution Avenue N.W. #125

Washington, D.C. 20240

Phone: (202) 208-2766 Fax: (202) 219-0239

"Denning, Doug" <DDenning@nas.edu>

From: "Denning, Doug" <DDenning@nas.edu>
Sent: Wed Aug 03 2016 11:19:53 GMT-0600 (MDT)
To: "Richardson, Yetunde" <yrichardson@osmre.gov>
Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns
<mkuhns@osmre.gov>, Harry Payne <hpayne@osmre.gov>, Jay
CC: Bautista <jbautista@osmre.gov>, "Eide, Elizabeth"
<EEide@nas.edu>
Subject: RE: Notification of Cooperative Agreement Award - National
Academy of Sciences (S16AC20034)
Attachments: NGA S16AC20034.pdf

Good afternoon:

The NAS would like to request the following changes to the agreement:

1. These two sections incorporate a number of CFR citations that do not apply to the NAS and the work it will undertake. We request that these references be removed.

3. OSM grant regulations (Code of Federal Regulations: 30 CFR Chapter VII, Parts 725, 735, 795, 870-887)

4. Your approved regulatory and/or reclamation program as listed in 30 CFR Chapter VII, Subchapter T.

2. We do not allow sponsors to review and comments on drafts of reports and do not make changes to our reports once they are issued. This section also violates a federal statute (see below) regarding sponsor involvement:

â€¢ Review preliminary report and promptly notify
NAS of any comments unrelated to the overall
findings of the committee

APPENDIX A
SECTION 15 OF THE FEDERAL ADVISORY COMMITTEE ACT
AS ADDED BY
PUBLIC LAW NO. 105-153

(a) IN GENERAL.---An agency may not use any advice or recommendation provided by the National Academy of Sciences or National Academy of Public Administration that was developed by use of a committee created by that academy under an agreement with an agency, unless---

(1) the committee was not subject to any actual management or control by an agency or an officer of the Federal Government;

Thank you for your attention to this matter.

V/R,

Doug Denning
Contract Manager

From: Richardson, Yetunde [mailto:yrichardson@osmre.gov]
Sent: Monday, August 01, 2016 8:58 AM
To: Denning, Doug
Cc: Joshua Rockwell; Michael Kuhns; Harry Payne; Jay Bautista
Subject: Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)

Good Morning,
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Joshua Rockwell, jrockwell@osmre.gov, (202) 208-2633
Michael Kuhns, mkuhns@osmre.gov, (202) 208-2860

Grants Management Specialist

Yetunde Richardson, yrichardson@osmre.gov, (202) 208-2766

Feel free to contact us with any questions or concerns regarding this cooperative agreement.

--

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1951 Constitution Avenue N.W. #125

"Richardson, Yetunde" <yrichardson@osmre.gov>

From: "Richardson, Yetunde" <yrichardson@osmre.gov>
Sent: Wed Aug 03 2016 12:53:41 GMT-0600 (MDT)
To: "Denning, Doug" <DDenning@nas.edu>
Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns
<mkuhns@osmre.gov>, Harry Payne <hpayne@osmre.gov>, Jay
CC: Bautista <jbautista@osmre.gov>, "Eide, Elizabeth"
<EEide@nas.edu>
Subject: Re: Notification of Cooperative Agreement Award - National
Academy of Sciences (S16AC20034)

Good Afternoon,
We have reviewed and approved your request for changes to the terms and conditions of the award, as listed in your previous email. An amended notice of grant award will be issued shortly.

Feel free to contact me with any other questions or concerns.

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On Wed, Aug 3, 2016 at 1:19 PM, Denning, Doug <DDenning@nas.edu> wrote:
Good afternoon:

The NAS would like to request the following changes to the agreement:

1. These two sections incorporate a number of CFR citations that do not apply to the NAS and the work it will undertake. We request that these references be removed.

3. OSM grant regulations (Code of Federal Regulations: 30 CFR Chapter VII, Parts 725, 735, 795, 870-887)

4. Your approved regulatory and/or reclamation program as listed in 30 CFR Chapter VII, Subchapter T.

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â€¢ Review preliminary report and promptly notify NAS of any comments unrelated to the overall findings of the committee

APPENDIX A
SECTION 15 OF THE FEDERAL ADVISORY COMMITTEE ACT
AS ADDED BY
PUBLIC LAW NO. 105-153

(a) IN GENERAL.---An agency may not use any advice or recommendation provided by the National Academy of Sciences or National Academy of Public Administration that was developed by use of a committee created by that academy under an agreement with an agency, unless---

(1) the committee was not subject to any actual management or control by an agency or an officer of the Federal Government;

Thank you for your attention to this matter.

V/R,

Doug Denning
Contract Manager

From: Richardson, Yetunde [mailto:yrichardson@osmre.gov]

Sent: Monday, August 01, 2016 8:58 AM

To: Denning, Doug

Cc: Joshua Rockwell; Michael Kuhns; Harry Payne; Jay Bautista

Subject: Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)

Good Morning,

Congratulations, attached for your records is National Academy of Sciences Notice of Cooperative Agreement Award #S16AC20034 in the amount of \$1,003,553.00.

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Grants Management Specialist

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Best Regards,

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Grants Management Specialist

Department of the Interior

Office of Surface Mining Reclamation and Enforcement

Division of Reclamation Support

1951 Constitution Avenue N.W. #125

Washington, D.C. 20240

Phone: (202) 208-2766 Fax: (202) 219-0239

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Best Regards,

Yetunde E. Richardson

Grants Management Specialist
Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1951 Constitution Avenue N.W. #125
Washington, D.C. 20240
Phone: (202) 208-2766 Fax: (202) 219-0239

"Denning, Doug" <DDenning@nas.edu>

From: "Denning, Doug" <DDenning@nas.edu>
Sent: Thu Aug 04 2016 04:48:03 GMT-0600 (MDT)
To: "Richardson, Yetunde" <yrichardson@osmre.gov>
Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns
<mkuhns@osmre.gov>, Harry Payne <hpayne@osmre.gov>, Jay
CC: Bautista <jbautista@osmre.gov>, "Eide, Elizabeth"
<EEide@nas.edu>
Subject: RE: Notification of Cooperative Agreement Award - National
Academy of Sciences (S16AC20034)

Thanks you all very much for your cooperation.

From: Richardson, Yetunde [mailto:yrichardson@osmre.gov]
Sent: Wednesday, August 03, 2016 2:54 PM
To: Denning, Doug
Cc: Joshua Rockwell; Michael Kuhns; Harry Payne; Jay Bautista; Eide, Elizabeth
Subject: Re: Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)

Good Afternoon,

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Office of Surface Mining Reclamation and Enforcement

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Washington, D.C. 20240
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"Richardson, Yetunde" <yrichardson@osmre.gov>

From: "Richardson, Yetunde" <yrichardson@osmre.gov>
Sent: Thu Aug 04 2016 08:20:58 GMT-0600 (MDT)
To: "Denning, Doug" <DDenning@nas.edu>
Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns
<mkuhns@osmre.gov>, Harry Payne <hpayne@osmre.gov>, Jay
CC: Bautista <jbautista@osmre.gov>, "Eide, Elizabeth"
<EEide@nas.edu>
Subject: Re: Notification of Cooperative Agreement Award - National
Academy of Sciences (S16AC20034)
Attachments: S16AC20034 Mod 1.pdf

Good Morning,
Attached is National Academy of Sciences Notice of Cooperative Agreement Award
#S16AC20034 (Modification #1) in the amount of \$1,003,553.00.

As agreed, terms and conditions of this cooperative agreement have been revised.

Feel free to contact me with any questions or concerns.

On Thu, Aug 4, 2016 at 6:48 AM, Denning, Doug <DDenning@nas.edu> wrote:
Thanks you all very much for your cooperation.

From: Richardson, Yetunde [mailto:yrichardson@osmre.gov]
Sent: Wednesday, August 03, 2016 2:54 PM
To: Denning, Doug
Cc: Joshua Rockwell; Michael Kuhns; Harry Payne; Jay Bautista; Eide, Elizabeth
Subject: Re: Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)

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Thank you for your attention to this matter.

V/R,

Doug Denning
Contract Manager

From: Richardson, Yetunde [<mailto:yrichardson@osmre.gov>]

Sent: Monday, August 01, 2016 8:58 AM

To: Denning, Doug

Cc: Joshua Rockwell; Michael Kuhns; Harry Payne; Jay Bautista

Subject: Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)

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Best Regards,

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Department of the Interior

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Washington, D.C. 20240

Phone: (202) 208-2766 Fax: (202) 219-0239

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"Payne, Harry" <hpayne@osmre.gov>

From: "Payne, Harry" <hpayne@osmre.gov>
Sent: Mon Aug 08 2016 05:15:17 GMT-0600 (MDT)
To: "Richardson, Yetunde" <yrichardson@osmre.gov>
CC: "Denning, Doug" <DDenning@nas.edu>, Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>, Jay Bautista <jbautista@osmre.gov>, "Eide, Elizabeth" <EEide@nas.edu>, Sterling Rideout <srideout@osmre.gov>
Subject: Re: Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)

Thanks everyone for pulling this together and making it happen!

On Thu, Aug 4, 2016 at 10:20 AM, Richardson, Yetunde <yrichardson@osmre.gov> wrote:
Good Morning,
Attached is National Academy of Sciences Notice of Cooperative Agreement Award #S16AC20034 (Modification #1) in the amount of \$1,003,553.00.

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Feel free to contact me with any questions or concerns.

On Thu, Aug 4, 2016 at 6:48 AM, Denning, Doug <DDenning@nas.edu> wrote:
Thanks you all very much for your cooperation.

From: Richardson, Yetunde [mailto:yrichardson@osmre.gov]
Sent: Wednesday, August 03, 2016 2:54 PM
To: Denning, Doug
Cc: Joshua Rockwell; Michael Kuhns; Harry Payne; Jay Bautista; Eide, Elizabeth
Subject: Re: Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)

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Doug Denning
Contract Manager

From: Richardson, Yetunde [mailto:yrichardson@osmre.gov]
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Harry J. Payne

Chief, Division of Regulatory Support
Office of Surface Mining Reclamation and Enforcement
1951 Constitution Ave, NW

Mail Stop 203
Washington, DC 20240
202-208-2895

"Richardson, Yetunde" <yrichardson@osmre.gov>

From: "Richardson, Yetunde" <yrichardson@osmre.gov>
Sent: Tue Feb 06 2018 04:39:11 GMT-0700 (MST)
To: Harry Payne <hpayne@osmre.gov>
Subject: Fwd: Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)
Attachments: NAS Study Halt Letter - 8-18-17 (1).pdf Letter to Glenda Owens--OSMRE--2-2-18.pdf

Best Regards,

Yetunde E. Richardson

Grants Management Specialist
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Division of Reclamation Support
1849 C Street N.W. #4551
Washington, D.C. 20240
Phone: (202) 208-2766

----- Forwarded message -----

From: **Denning, Doug** <DDenning@nas.edu>
Date: Mon, Feb 5, 2018 at 7:17 AM
Subject: Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)
To: "Richardson, Yetunde" <yrichardson@osmre.gov>

Dear Ms. Richardson:

I'm sure you're aware that OSM Deputy Director, Glenda Owens, sent us the attached letter to tell us to cease work under the referenced grant. The NAS complied and had been waiting to hear the outcome of INTR/OSM discussions on whether to continue with the work. As you are aware the work is predominately performed by volunteers who had set aside time from their regular employment to contribute to this study. However, since a significant amount of time has passed, it is now necessary to disband the committee. A letter to Ms. Owens informing her of this situation is attached.

Please let me know if you have any questions.

Respectfully,

Doug Denning
Contract Manager

"Payne, Harry" <hpayne@osmre.gov>

From: "Payne, Harry" <hpayne@osmre.gov>
Sent: Tue Feb 06 2018 05:59:41 GMT-0700 (MST)
To: Sterling Rideout <srideout@osmre.gov>
Subject: Fwd: Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)
Attachments: NAS Study Halt Letter - 8-18-17 (1).pdf Letter to Glenda Owens--OSMRE--2-2-18.pdf

FYI

----- Forwarded message -----

From: **Richardson, Yetunde** <yrichardson@osmre.gov>
Date: Tue, Feb 6, 2018 at 6:39 AM
Subject: Fwd: Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)
To: Harry Payne <hpayne@osmre.gov>

Best Regards,

Yetunde E. Richardson

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Harry J. Payne

Chief, Division of Regulatory Support
Office of Surface Mining Reclamation and Enforcement
1849 C Street NW
Mail Stop 4550
Washington, DC 20240
202-208-2895

"Payne, Harry" <hpayne@osmre.gov>

From: "Payne, Harry" <hpayne@osmre.gov>
Sent: Tue Feb 27 2018 07:47:13 GMT-0700 (MST)
To: "Richardson, Yetunde" <yrichardson@osmre.gov>
Subject: Re: Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)

Yetunde is the last sentence in this statement accurate?

On February 2, 2018, the NAS notified OSMRE that they were releasing their committee of experts from their commitment to the project. In addition they indicated that their contracting office would be in touch with our counterpart concerning this development.

[REDACTED]

On Tue, Feb 6, 2018 at 6:39 AM, Richardson, Yetunde <yrichardson@osmre.gov> wrote:

Best Regards,

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U.S. Department of the Interior
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Chief, Division of Regulatory Support
Office of Surface Mining Reclamation and Enforcement
1849 C Street NW
Mail Stop 4557
Washington, DC 20240
202-208-2895

"Payne, Harry" <hpayne@osmre.gov>

From: "Payne, Harry" <hpayne@osmre.gov>
Sent: Tue Feb 27 2018 07:50:13 GMT-0700 (MST)
To: Yolande Norman <ynorman@osmre.gov>
Subject: Fwd: Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)

Hi Yolande, this is what I called you about, give me a call.

----- Forwarded message -----

From: **Payne, Harry** <hpayne@osmre.gov>
Date: Tue, Feb 27, 2018 at 9:47 AM
Subject: Re: Notification of Cooperative Agreement Award - National Academy of Sciences (S16AC20034)
To: "Richardson, Yetunde" <yrichardson@osmre.gov>

Yetunde is the last sentence in this statement accurate?

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[REDACTED]

On Tue, Feb 6, 2018 at 6:39 AM, Richardson, Yetunde <yrichardson@osmre.gov> wrote:

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Yetunde E. Richardson

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U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
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Milestone Plan Report

Page 1 of 1

Name: FA DC FY2016 APPLIED SCIENCE

Date: 07/28/2016

Calculate Using: Calendar Days

Template Name: OSM QUARTERLY FA

Link: S16AC20034

Owner: Yetunde Richardson

Description:

Requested by: YRICHARD

Seq #	Description	PALT	Original Date	Days Susp	Actual PALT	Actual Date	Projected Date	Lock	Diff.
1	FA Performance Report	152	12/31/2016				12/31/2016		0
2	FA Federal Financial Report	0	12/31/2016				12/31/2016		0
3	FA Performance Report	90	03/31/2017				03/31/2017		0
4	FA Federal Financial Report	0	03/31/2017				03/31/2017		0
5	FA Performance Report	91	06/30/2017				06/30/2017		0
6	FA Federal Financial Report	0	06/30/2017				06/30/2017		0
7	FA Performance Report	92	09/30/2017				09/30/2017		0
8	FA Federal Financial Report	0	09/30/2017				09/30/2017		0
9	FA Performance Report	92	12/31/2017				12/31/2017		0
10	FA Federal Financial Report	0	12/31/2017				12/31/2017		0
11	FA Performance Report	90	03/31/2018				03/31/2018		0
12	FA Federal Financial Report	0	03/31/2018				03/31/2018		0
13	FA Performance Report	91	06/30/2018				06/30/2018		0
14	FA Federal Financial Report	0	06/30/2018				06/30/2018		0
15	FA Final Performance Report	123	10/31/2018				10/31/2018		0
16	FA Final Fed Financial Report	0	10/31/2018				10/31/2018		0
Total PALT: 821									
Sum of the Diff: 0									

Grant and Cooperative Agreement

CHOOSE ONE:

- ☐ COOPERATIVE AGREEMENT
- ☒ GRANT

CHOOSE ONE:

☐ EDUCATION☐ FACILITIES☒ RESEARCH☐ SDCR☐ TRAINING

1. GRANT/COOPERATIVE AGREEMENT NUMBER S16AC20034		2. SUPPLEMENT NUMBER		3. EFFECTIVE DATE 08/01/2016		4. COMPLETION DATE 07/31/2018	
5. ISSUED TO NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip) NATIONAL ACADEMY OF SCIENCES Attn: ATTN GOVERNMENT POC 2101 CONSTITUTION AVE NW WASHINGTON DC 20418-0007				6. ISSUED BY OSM FA Program Support, Washington Mailing Address: 1951 Constitution Ave NW Washington DC 20240-0001			
7. TAXPAYER IDENTIFICATION NO. (TIN)				9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone) Douglas Denning 202-334-1422, ddenning@nas.edu			
8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO.							
10. RESEARCH, PROJECT OR PROGRAM TITLE FA, DC FY2016, AS							
11. PURPOSE Applied Science							
12. PERIOD OF PERFORMANCE (Approximately) 08/01/2016 through 07/31/2018							
13A.		AWARD HISTORY		13B.		FUNDING HISTORY	
PREVIOUS		\$0.00		PREVIOUS		\$0.00	
THIS ACTION		\$1,003,553.00		THIS ACTION		\$1,003,553.00	
CASH SHARE		\$0.00		TOTAL		\$1,003,553.00	
NON-CASH SHARE		\$0.00					
RECIPIENT SHARE		\$0.00					
TOTAL		\$1,003,553.00					
14. ACCOUNTING AND APPROPRIATION DATA 01							
PURCHASE REQUEST NO.		JOB ORDER NO.		AMOUNT		STATUS	
0020107378							
15. POINTS OF CONTACT							
	NAME	MAIL STOP	TELEPHONE	E-MAIL ADDRESS			
TECHNICAL OFFICER	Joshua Rockwell		202-208-2633	jrockwell@osmre.gov			
NEGOTIATOR							
ADMINISTRATOR	Yetunde Richardson		(202) 208-2766	yrichardson@osmre.gov			
PAYMENTS							
16. THIS AWARD IS MADE UNDER THE AUTHORITY OF: The Surface Mining Control and Reclamation Act of 1977 (P.L. 95-87) as amended							
17. APPLICABLE STATEMENT(S), IF CHECKED: <input type="checkbox"/> NO CHANGE IS MADE TO EXISTING PROVISIONS <input type="checkbox"/> FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC REQUIREMENTS APPLY TO THIS GRANT				18. APPLICABLE ENCLOSURE(S), IF CHECKED: <input type="checkbox"/> PROVISIONS <input type="checkbox"/> SPECIAL CONDITIONS <input type="checkbox"/> REQUIRED PUBLICATIONS AND REPORTS			
UNITED STATES OF AMERICA				COOPERATIVE AGREEMENT RECIPIENT			
CONTRACTING/GRANT OFFICER Yetunde Richardson		DATE		AUTHORIZED REPRESENTATIVE		DATE	

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>CFDA Number: 15.255</p> <p>DUNS Number: 041964057</p> <p>The following are incorporated into this agreement by reference:</p> <ol style="list-style-type: none"> 1. Your complete application for this assistance agreement, including amendments to the application 2. The Surface Mining Control and Reclamation Act of 1977 (P.L. 95-87) as amended 3. OSM grant regulations (Code of Federal Regulations: 30 CFR Chapter VII, Parts 725, 735, 795, 870-887) 4. Your approved regulatory and/or reclamation program as listed in 30 CFR Chapter VII, Subchapter T. 5. OSM's Federal Assistance Manual, directive GMT-10 6. The standard Department of Interior Financial Assistance terms and conditions for this award are incorporated herein by reference with the same force and effect as if in full text. The full text can be found at: http://www.doi.gov/pam/programs/financial_assistance/TermsandConditions.cfm or can be obtained by contacting the Financial Assistance Administrator. 7. Recipient Employee Whistleblower Rights and Requirement to Inform Employees of Whistleblower Rights (Sep 2013) <p>(a) This award and employees working on this financial assistance agreement will be subject to the whistleblower rights and remedies in the pilot program on Award Recipient employee whistleblower protections established at 41 U.S.C. 4712 by section 828 of the National Defense Authorization Act for Fiscal Year 2013 (Pub. L. 112-239).</p> <p>(b) The Award Recipient shall inform its employees in writing, in the predominant language</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>of the workforce, of the employee whistleblower rights and protections under 41 U.S.C. 4712.</p> <p>(c) The Award Recipient shall insert the substance of this clause, including this paragraph (c), in all subawards or subcontracts over the simplified acquisition threshold. 42 CFR Â\$ 52.203-17 (as referenced in 42 CFR Â\$ 3.908-9).</p> <p>8. In accordance with Chapter 3-120 of the Federal Assistance Manual, you must obtain our approval before you provide financial assistance to a third party by subgrant or other means. Once we have given our approval, you must update the Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS), accordingly.</p> <p>9. The Recipient must establish safeguards to prohibit its employees and Subrecipients from using their positions for purposes that constitute or present the appearance of a personal or organizational conflict of interest. The Recipient is responsible for notifying the grants officer in writing of any actual or potential conflicts of interest that may arise during the life of this award. Conflicts of interest include any relationship or matter which might place the Recipient or its employees in a position of conflict, real or apparent, between their responsibilities under the agreement and any other outside interests. Conflicts of interest may also include, but are not limited to, direct or indirect financial interests, close personal relationship, positions of trust in outside organizations, consideration of future employment arrangements with a different organization, or making a decision affecting the award that a reasonable person with knowledge of the relevant facts would question the Recipient</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>and/or Recipients employees and Subrecipients impartiality in the matter.</p> <p>The grants officer and the servicing ethics counselor will determine if a conflict of interest exists. If a conflict of interest exists, the grants officer will determine whether a mitigation plan is feasible. Mitigation plans must be approved by the grants officer in writing. Failure to resolve conflicts of interest in a manner that satisfies the government may be cause for termination of the award.</p> <p>With certain exceptions found in Chapter 2-260 of the Federal Assistance Manual, you must keep these records for three years starting on the day you send us your final expenditure report to close the assistance agreement.</p> <p>This agreement takes effect at the time of approval by the Director of OSM or his authorized delegate. The recipient accepts the agreement including the terms and conditions by starting work or making its first request for Federal funds approved under this agreement.</p> <p>OSMRE INVOLVEMENT (substantial federal involvement)</p> <p>We reserve the option to halt any portion of or the entire project immediately if warranted.</p> <p>Examples include if project protocols or specifications are not followed or met.</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>We will also closely monitor performance to provide specific direction or redirection of the project work.</p> <p>Our involvement may be modified if mutually agreed upon by both parties.</p> <p>LIST OF DELIVERABLES</p> <p>(Potential Human Health of Surface Coal Mine Operations in Central Appalachia)</p> <p>OSMRE Deliverables</p> <ul style="list-style-type: none"> • OSMRE Office of Communications will coordinate with NAS Public Affairs to provide media releases and announce other information to stakeholders of this project • Attend open meetings and briefings as necessary • Review and accept quarterly reports submitted by NAS • Review and approve each financial drawdown requested by NAS • Review preliminary report and promptly notify NAS of any comments unrelated to the overall findings of the committee • Disseminate hard-copy books of the final report to government offices and other stakeholders <p>National Academies of Sciences Deliverables</p> <ul style="list-style-type: none"> • NAS Public Affairs will coordinate with OSMRE Office of Communications to provide media <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>releases and announce other information to stakeholders of this project</p> <p>â€¢ Announce committee members, a brief description of the project, and other information to afford the public greater knowledge of this project and an opportunity to provide comments</p> <p>â€¢ Prepare and submit a quarterly financial (SF-425) and programmatic report within 30 days of the end of each calendar quarter as outlined in 2 CFR Â§ 200.327 and 2 CFR Â§ 200.328. Calendar quarters are as follows: September 30, December 31, March 31, and June 30. (For example, the first quarter would cover the partial quarter ending on September 30, 2016 and the corresponding quarterly report must be submitted to OSMRE by October 30, 2016)</p> <p>â€¢ Coordinate and administer four open meetings to gather stakeholder input</p> <p>â€¢ Conduct five closed session meetings for deliberation and report writing</p> <p>â€¢ Prepare and deliver a prepublication report to OSMRE within 18 months of study initiation</p> <p>â€¢ Submit advance copies (under embargo) of the prepublication report to OSMRE and interested members of Congress several days in advance of the public release</p> <p>â€¢ Conduct separate pre-release briefings about the preliminary report to both OSMRE and interested members of Congress (ideally on the same day) during the embargo period</p> <p>â€¢ Prepare and release the preliminary report of findings to OSMRE and the public. Make the preliminary report available for free on publisher's website</p> <p>â€¢ Coordinate and administer a public briefing in West Virginia following the public release of the preliminary report</p> <p>â€¢ Prepare and submit 400 hard-copy books of the Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>final report within six months after the release of the prepublication draft of the report, along with a non-technical summary of the report for public education purposes. Make the report available for free on publisher's website.</p> <p>OSMRE PRE-APPROVAL OF DRAWDOWNS</p> <p>Funds awarded in this cooperative agreement are subject to OSMRE review and pre-approval prior to disbursement. Supporting documentation must be submitted to us, upon request.</p> <p>Legacy Doc #: OSM Delivery: 07/31/2018 Delivery Location Code: 0003820475 OSM, Headquarters 1951 Constitution Ave, NW Washington DC 20240 US Account Assignment: K G/L Account: 6100.411C0 Business Area: S000 Commitment Item: 411C00 Cost Center: SS03700000 Functional Area: S1T1T0000.1T4610 Fund: 156S180110 Fund Center: SS03700000 Project/WBS: SX.461 PR Acct Assign Line: 01 Period of Performance: 08/01/2016 to 07/31/2018</p>				
00010	<p>FA DC FY 2016 AS NAS</p> <p>Obligated Amount: \$1,003,553.00</p> <p>The total amount of award: \$1,003,553.00. The obligation for this award is \$1,003,553.00.</p>				1,003,553.00

Grant and Cooperative Agreement

CHOOSE ONE:

- ☐ COOPERATIVE AGREEMENT
- ☒ GRANT

CHOOSE ONE:

☐ EDUCATION☐ FACILITIES☒ RESEARCH☐ SDCR☐ TRAINING

1. GRANT/COOPERATIVE AGREEMENT NUMBER S16AC20034		2. SUPPLEMENT NUMBER		3. EFFECTIVE DATE 08/01/2016		4. COMPLETION DATE 07/31/2018	
5. ISSUED TO NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip) NATIONAL ACADEMY OF SCIENCES Attn: ATTN GOVERNMENT POC 2101 CONSTITUTION AVE NW WASHINGTON DC 20418-0007				6. ISSUED BY OSM FA Program Support, Washington Mailing Address: 1951 Constitution Ave NW Washington DC 20240-0001			
7. TAXPAYER IDENTIFICATION NO. (TIN)				9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone) Douglas Denning 202-334-1422, ddenning@nas.edu			
8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO.							
10. RESEARCH, PROJECT OR PROGRAM TITLE FA, DC FY2016, AS							
11. PURPOSE Applied Science							
12. PERIOD OF PERFORMANCE (Approximately) 08/01/2016 through 07/31/2018							
13A.		AWARD HISTORY		13B.		FUNDING HISTORY	
PREVIOUS		\$0.00		PREVIOUS		\$0.00	
THIS ACTION		\$1,003,553.00		THIS ACTION		\$1,003,553.00	
CASH SHARE		\$0.00		TOTAL		\$1,003,553.00	
NON-CASH SHARE		\$0.00					
RECIPIENT SHARE		\$0.00					
TOTAL		\$1,003,553.00					
14. ACCOUNTING AND APPROPRIATION DATA 01							
PURCHASE REQUEST NO.		JOB ORDER NO.		AMOUNT		STATUS	
0020107378							
15. POINTS OF CONTACT							
	NAME	MAIL STOP	TELEPHONE	E-MAIL ADDRESS			
TECHNICAL OFFICER	Joshua Rockwell		202-208-2633	jrockwell@osmre.gov			
NEGOTIATOR							
ADMINISTRATOR	Yetunde Richardson		(202) 208-2766	yrichardson@osmre.gov			
PAYMENTS							
16. THIS AWARD IS MADE UNDER THE AUTHORITY OF: The Surface Mining Control and Reclamation Act of 1977 (P.L. 95-87) as amended							
17. APPLICABLE STATEMENT(S), IF CHECKED: <input type="checkbox"/> NO CHANGE IS MADE TO EXISTING PROVISIONS <input type="checkbox"/> FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC REQUIREMENTS APPLY TO THIS GRANT				18. APPLICABLE ENCLOSURE(S), IF CHECKED: <input type="checkbox"/> PROVISIONS <input type="checkbox"/> SPECIAL CONDITIONS <input type="checkbox"/> REQUIRED PUBLICATIONS AND REPORTS			
UNITED STATES OF AMERICA				COOPERATIVE AGREEMENT RECIPIENT			
CONTRACTING/GRANT OFFICER Yetunde Richardson		DATE		AUTHORIZED REPRESENTATIVE		DATE	

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>CFDA Number: 15.255</p> <p>DUNS Number: 041964057</p> <p>The following are incorporated into this agreement by reference:</p> <ol style="list-style-type: none"> 1. Your complete application for this assistance agreement, including amendments to the application 2. The Surface Mining Control and Reclamation Act of 1977 (P.L. 95-87) as amended 3. OSM grant regulations (Code of Federal Regulations: 30 CFR Chapter VII, Parts 725, 735, 795, 870-887) 4. Your approved regulatory and/or reclamation program as listed in 30 CFR Chapter VII, Subchapter T. 5. OSM's Federal Assistance Manual, directive GMT-10 6. The standard Department of Interior Financial Assistance terms and conditions for this award are incorporated herein by reference with the same force and effect as if in full text. The full text can be found at: http://www.doi.gov/pam/programs/financial_assistance/TermsandConditions.cfm or can be obtained by contacting the Financial Assistance Administrator. 7. Recipient Employee Whistleblower Rights and Requirement to Inform Employees of Whistleblower Rights (Sep 2013) <p>(a) This award and employees working on this financial assistance agreement will be subject to the whistleblower rights and remedies in the pilot program on Award Recipient employee whistleblower protections established at 41 U.S.C. 4712 by section 828 of the National Defense Authorization Act for Fiscal Year 2013 (Pub. L. 112-239).</p> <p>(b) The Award Recipient shall inform its employees in writing, in the predominant language</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>of the workforce, of the employee whistleblower rights and protections under 41 U.S.C. 4712.</p> <p>(c) The Award Recipient shall insert the substance of this clause, including this paragraph (c), in all subawards or subcontracts over the simplified acquisition threshold. 42 CFR Â\$ 52.203-17 (as referenced in 42 CFR Â\$ 3.908-9).</p> <p>8. In accordance with Chapter 3-120 of the Federal Assistance Manual, you must obtain our approval before you provide financial assistance to a third party by subgrant or other means. Once we have given our approval, you must update the Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS), accordingly.</p> <p>9. The Recipient must establish safeguards to prohibit its employees and Subrecipients from using their positions for purposes that constitute or present the appearance of a personal or organizational conflict of interest. The Recipient is responsible for notifying the grants officer in writing of any actual or potential conflicts of interest that may arise during the life of this award. Conflicts of interest include any relationship or matter which might place the Recipient or its employees in a position of conflict, real or apparent, between their responsibilities under the agreement and any other outside interests. Conflicts of interest may also include, but are not limited to, direct or indirect financial interests, close personal relationship, positions of trust in outside organizations, consideration of future employment arrangements with a different organization, or making a decision affecting the award that a reasonable person with knowledge of the relevant facts would question the Recipient</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>and/or Recipients employees and Subrecipients impartiality in the matter.</p> <p>The grants officer and the servicing ethics counselor will determine if a conflict of interest exists. If a conflict of interest exists, the grants officer will determine whether a mitigation plan is feasible. Mitigation plans must be approved by the grants officer in writing. Failure to resolve conflicts of interest in a manner that satisfies the government may be cause for termination of the award.</p> <p>With certain exceptions found in Chapter 2-260 of the Federal Assistance Manual, you must keep these records for three years starting on the day you send us your final expenditure report to close the assistance agreement.</p> <p>This agreement takes effect at the time of approval by the Director of OSM or his authorized delegate. The recipient accepts the agreement including the terms and conditions by starting work or making its first request for Federal funds approved under this agreement.</p> <p>OSMRE INVOLVEMENT (substantial federal involvement)</p> <p>We reserve the option to halt any portion of or the entire project immediately if warranted.</p> <p>Examples include if project protocols or specifications are not followed or met.</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>We will also closely monitor performance to provide specific direction or redirection of the project work.</p> <p>Our involvement may be modified if mutually agreed upon by both parties.</p> <p>LIST OF DELIVERABLES</p> <p>(Potential Human Health of Surface Coal Mine Operations in Central Appalachia)</p> <p>OSMRE Deliverables</p> <ul style="list-style-type: none"> • OSMRE Office of Communications will coordinate with NAS Public Affairs to provide media releases and announce other information to stakeholders of this project • Attend open meetings and briefings as necessary • Review and accept quarterly reports submitted by NAS • Review and approve each financial drawdown requested by NAS • Review preliminary report and promptly notify NAS of any comments unrelated to the overall findings of the committee • Disseminate hard-copy books of the final report to government offices and other stakeholders <p>National Academies of Sciences Deliverables</p> <ul style="list-style-type: none"> • NAS Public Affairs will coordinate with OSMRE Office of Communications to provide media <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>releases and announce other information to stakeholders of this project</p> <p>â€¢ Announce committee members, a brief description of the project, and other information to afford the public greater knowledge of this project and an opportunity to provide comments</p> <p>â€¢ Prepare and submit a quarterly financial (SF-425) and programmatic report within 30 days of the end of each calendar quarter as outlined in 2 CFR Â§ 200.327 and 2 CFR Â§ 200.328. Calendar quarters are as follows: September 30, December 31, March 31, and June 30. (For example, the first quarter would cover the partial quarter ending on September 30, 2016 and the corresponding quarterly report must be submitted to OSMRE by October 30, 2016)</p> <p>â€¢ Coordinate and administer four open meetings to gather stakeholder input</p> <p>â€¢ Conduct five closed session meetings for deliberation and report writing</p> <p>â€¢ Prepare and deliver a prepublication report to OSMRE within 18 months of study initiation</p> <p>â€¢ Submit advance copies (under embargo) of the prepublication report to OSMRE and interested members of Congress several days in advance of the public release</p> <p>â€¢ Conduct separate pre-release briefings about the preliminary report to both OSMRE and interested members of Congress (ideally on the same day) during the embargo period</p> <p>â€¢ Prepare and release the preliminary report of findings to OSMRE and the public. Make the preliminary report available for free on publisher's website</p> <p>â€¢ Coordinate and administer a public briefing in West Virginia following the public release of the preliminary report</p> <p>â€¢ Prepare and submit 400 hard-copy books of the Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>final report within six months after the release of the prepublication draft of the report, along with a non-technical summary of the report for public education purposes. Make the report available for free on publisher's website.</p> <p>OSMRE PRE-APPROVAL OF DRAWDOWNS</p> <p>Funds awarded in this cooperative agreement are subject to OSMRE review and pre-approval prior to disbursement. Supporting documentation must be submitted to us, upon request.</p> <p>Legacy Doc #: OSM Delivery: 07/31/2018 Delivery Location Code: 0003820475 OSM, Headquarters 1951 Constitution Ave, NW Washington DC 20240 US Account Assignment: K G/L Account: 6100.411C0 Business Area: S000 Commitment Item: 411C00 Cost Center: SS03700000 Functional Area: S1T1T0000.1T4610 Fund: 156S180110 Fund Center: SS03700000 Project/WBS: SX.461 PR Acct Assign Line: 01 Period of Performance: 08/01/2016 to 07/31/2018</p>				
00010	<p>FA DC FY 2016 AS NAS</p> <p>Obligated Amount: \$1,003,553.00</p> <p>The total amount of award: \$1,003,553.00. The obligation for this award is \$1,003,553.00.</p>				1,003,553.00

Grant and Cooperative Agreement

CHOOSE ONE:

- ☒ COOPERATIVE AGREEMENT
- ☐ GRANT

CHOOSE ONE:

☐ EDUCATION☐ FACILITIES☐ RESEARCH☐ SDCR☐ TRAINING

1. GRANT/COOPERATIVE AGREEMENT NUMBER S16AC20034		2. SUPPLEMENT NUMBER 0001		3. EFFECTIVE DATE 08/04/2016		4. COMPLETION DATE 07/31/2018	
5. ISSUED TO NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip) NATIONAL ACADEMY OF SCIENCES Attn: ATTN GOVERNMENT POC 2101 CONSTITUTION AVE NW WASHINGTON DC 20418-0007				6. ISSUED BY OSM FA Program Support, Washington Mailing Address: 1951 Constitution Ave NW Washington DC 20240-0001			
7. TAXPAYER IDENTIFICATION NO. (TIN)				9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone) Douglas Denning 202-334-1422, ddenning@nas.edu			
8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO.							
10. RESEARCH, PROJECT OR PROGRAM TITLE FA DC FY2016 AS							
11. PURPOSE 15.255 Applied Science Program Cooperative Agreements Related to Coal Mining and Reclamation							
12. PERIOD OF PERFORMANCE (Approximately) 08/01/2016 through 07/31/2018							
13A.		AWARD HISTORY		13B.		FUNDING HISTORY	
PREVIOUS		\$1,003,553.00		PREVIOUS		\$1,003,553.00	
THIS ACTION		\$0.00		THIS ACTION		\$0.00	
CASH SHARE		\$0.00		TOTAL		\$1,003,553.00	
NON-CASH SHARE		\$0.00					
RECIPIENT SHARE		\$0.00					
TOTAL		\$1,003,553.00					
14. ACCOUNTING AND APPROPRIATION DATA							
PURCHASE REQUEST NO.		JOB ORDER NO.		AMOUNT		STATUS	
15. POINTS OF CONTACT							
	NAME	MAIL STOP	TELEPHONE	E-MAIL ADDRESS			
TECHNICAL OFFICER	Joshua Rockwell		202-208-2633	jrockwell@osmre.gov			
NEGOTIATOR							
ADMINISTRATOR	Yetunde Richardson		(202) 208-2766	yrichardson@osmre.gov			
PAYMENTS							
16. THIS AWARD IS MADE UNDER THE AUTHORITY OF: The Surface Mining Control and Reclamation Act of 1977 (P.L. 95-87) as amended							
17. APPLICABLE STATEMENT(S), IF CHECKED: <input type="checkbox"/> NO CHANGE IS MADE TO EXISTING PROVISIONS <input type="checkbox"/> FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC REQUIREMENTS APPLY TO THIS GRANT				18. APPLICABLE ENCLOSURE(S), IF CHECKED: <input type="checkbox"/> PROVISIONS <input type="checkbox"/> SPECIAL CONDITIONS <input type="checkbox"/> REQUIRED PUBLICATIONS AND REPORTS			
UNITED STATES OF AMERICA				COOPERATIVE AGREEMENT RECIPIENT			
CONTRACTING/GRANT OFFICER Yetunde Richardson		DATE 08/04/2016		AUTHORIZED REPRESENTATIVE		DATE	

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>CFDA Number: 15.255</p> <p>DUNS Number: 041964057</p> <p>The following are incorporated into this agreement by reference:</p> <ol style="list-style-type: none"> 1. Your complete application for this assistance agreement, including amendments to the application. 2. The Surface Mining Control and Reclamation Act of 1977 (P.L. 95-87) as amended. 3. OSMRE's Federal Assistance Manual, directive GMT-10. 4. The standard Department of Interior Financial Assistance terms and conditions for this award are incorporated herein by reference with the same force and effect as if in full text. The full text can be found at: http://www.doi.gov/pam/programs/financial_assistance/TermsandConditions.cfm or can be obtained by contacting the Financial Assistance Administrator. 5. Recipient Employee Whistleblower Rights and Requirement to Inform Employees of Whistleblower Rights (Sep 2013) <p>(a) This award and employees working on this financial assistance agreement will be subject to the whistleblower rights and remedies in the pilot program on Award Recipient employee whistleblower protections established at 41 U.S.C. 4712 by section 828 of the National Defense Authorization Act for Fiscal Year 2013 (Pub. L. 112-239).</p> <p>(b) The Award Recipient shall inform its</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>employees in writing, in the predominant language of the workforce, of the employee whistleblower rights and protections under 41 U.S.C. 4712.</p> <p>(c) The Award Recipient shall insert the substance of this clause, including this paragraph (c), in all subawards or subcontracts over the simplified acquisition threshold. 42 CFR 52.203-17 (as referenced in 42 CFR 3.908-9).</p> <p>6. In accordance with Chapter 3-120 of the Federal Assistance Manual, you must obtain our approval before you provide financial assistance to a third party by subgrant or other means. Once we have given our approval, you must update the Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS), accordingly.</p> <p>7. The Recipient must establish safeguards to prohibit its employees and Subrecipients from using their positions for purposes that constitute or present the appearance of a personal or organizational conflict of interest. The Recipient is responsible for notifying the grants officer in writing of any actual or potential conflicts of interest that may arise during the life of this award. Conflicts of interest include any relationship or matter, which might place the Recipient or its employees in a position of conflict, real or apparent, between their responsibilities under the agreement and any other outside interests. Conflicts of interest may also include, but are not limited to, direct or indirect financial interests, close personal relationship, positions of trust in outside organizations, consideration of future employment arrangements with a</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

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	<p>different organization, or making a decision affecting the award that a reasonable person with knowledge of the relevant facts would question the Recipient and/or Recipients employees and Subrecipients impartiality in the matter.</p> <p>The grants officer and the servicing ethics counselor will determine if a conflict of interest exists. If a conflict of interest exists, the grants officer will determine whether a mitigation plan is feasible. Mitigation plans must be approved by the grants officer in writing. Failure to resolve conflicts of interest in a manner that satisfies the government may be cause for termination of the award.</p> <p>With certain exceptions found in Chapter 2-260 of the Federal Assistance Manual, you must keep these records for three years starting on the day you send us your final expenditure report to close the assistance agreement.</p> <p>This agreement takes effect at the time of approval by the Director of OSMRE or his authorized delegate. The recipient accepts the agreement including the terms and conditions by starting work or making its first request for Federal funds approved under this agreement.</p> <p>OSMRE INVOLVEMENT (Substantial Federal Involvement)</p> <p>We reserve the option to halt any portion of or the entire project immediately if warranted. Examples include if project protocols or specifications are not followed or met. We will also closely monitor performance to provide</p> <p>Continued ...</p>				

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	<p>specific direction or redirection of the project work. Our involvement may be modified if mutually agreed upon by both parties.</p> <p>LIST OF DELIVERABLES</p> <p>Potential Human Health of Surface Coal Mine Operations in Central Appalachia</p> <p>OSMRE Deliverables</p> <ol style="list-style-type: none"> OSMRE Office of Communications will coordinate with NAS Public Affairs to provide media releases and announce other information to stakeholders of this project. Attend open meetings and briefings as necessary. Review and accept quarterly reports submitted by NAS. Review and approve each financial drawdown requested by NAS. Disseminate hard-copy books of the final report to government offices and other stakeholders. <p>National Academies of Sciences Deliverables</p> <ol style="list-style-type: none"> NAS Public Affairs will coordinate with OSMRE Office of Communications to provide media releases and announce other information to stakeholders of this project. Announce committee members, a brief description of the project, and other information <p>Continued ...</p>				

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	<p>to afford the public greater knowledge of this project and an opportunity to provide comments.</p> <p>3. Prepare and submit a quarterly financial (SF-425) and programmatic report within 30 days of the end of each calendar quarter as outlined in 2 CFR 200.327 and 2 CFR 200.328. Calendar quarters are as follows: September 30, December 31, March 31, and June 30. (For example, the first quarter would cover the partial quarter ending on September 30, 2016 and the corresponding quarterly report must be submitted to OSMRE by October 30, 2016)</p> <p>4. Coordinate and administer four open meetings to gather stakeholder input</p> <p>5. Conduct five closed session meetings for deliberation and report writing</p> <p>6. Prepare and deliver a prepublication report to OSMRE within 18 months of study initiation</p> <p>7. Submit advance copies (under embargo) of the prepublication report to OSMRE and interested members of Congress several days in advance of the public release</p> <p>8. Conduct separate pre-release briefings about the preliminary report to both OSMRE and interested members of Congress (ideally on the same day) during the embargo period</p> <p>9. Prepare and release the preliminary report of findings to OSMRE and the public.</p> <p>16. Make the preliminary report available free on publishers website.</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

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	<p>10. Coordinate and administer a public briefing in West Virginia following the public release of the preliminary report</p> <p>11. Prepare and submit 400 hard-copy books of the final report within six months after the release of the prepublication draft of the report, along with a non-technical summary of the report for public education purposes. Make the report available free on publishers website.</p> <p>OSMRE PRE-APPROVAL OF DRAWDOWNS</p> <p>1. Funds awarded in this cooperative agreement are subject to OSMRE review and pre-approval prior to disbursement. Supporting documentation must be submitted to us, upon request.</p> <p>Legacy Doc #: OSM</p> <p>LIST OF CHANGES:</p> <p>Total Amount for this Modification: \$0.00</p> <p>New Total Amount for this Version: \$0.00</p> <p>New Total Amount for this Award: \$1,003,553.00</p> <p>Revised Cooperative Agreement Terms and Conditions</p> <p>Section A: Clause, 1, is incorporated as follows:</p> <p>1 Standard DOI FA Terms and Conditions</p> <p>1 Standard DOI FA Terms and Conditions.</p> <p>Assistance award from the Department of the Interior (DOI) carries with it the responsibility to be aware of and comply with the terms and conditions of award. Acceptance is defined as the start of work, drawing down funds, or accepting the award via electronic means. Awards are based on the application submitted to, and as approved by DOI and are subject to the terms and</p> <p>Continued ...</p>				

Grant and Cooperative Agreement

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	<p>conditions incorporated either directly or by reference in the following:</p> <p>Program legislation\regulation.</p> <p>Special terms and conditions.</p> <p>Code of Federal Regulations/Regulatory Requirements, as applicable (Contact your program officer with any questions regarding the applicability of the following):</p> <p>2 CFR Part 25 Central Contractor Registration and Data Universal Numbering System</p> <p>2 CFR Part 170 Reporting Subawards and Executive Compensation</p> <p>2 CFR Part 1400 Governmentwide Debarment and Suspension (Nonprocurement)</p> <p>2 CFR Part 175 Trafficking Victims Protection Act of 2000</p> <p>43 CFR 12(A) Administrative and Audit Requirements and Cost Principles for Assistance Programs</p> <p>43 CFR 12(E) Buy American Requirements for Assistance Programs</p> <p>43 CFR 12(C) Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local</p> <p>43 CFR 12(F) Uniform Administrative Requirements for Grants and Cooperative Agreements with Institutions of Higher Education, Hospitals, other Non-Profit and Commercial Organizations</p> <p>43 CFR 43 Governmentwide Requirements for a Drug-Free Workplace</p> <p>43 CFR 18 New Restrictions on Lobbying</p> <p>Period of Performance: 08/01/2016 to 07/31/2018</p> <p>ADMIN CHANGE OF TERMS</p>				



United States Department of the Interior

OFFICE OF SURFACE MINING
RECLAMATION AND ENFORCEMENT
Washington, D.C. 20240



August 18, 2017

Sent via Email and Regular U.S. Mail

Elizabeth A. Eide, Ph.D.
Senior Board Director
Board on Earth Sciences and Resources
Water Science and Technology Board
The National Academies of Sciences, Engineering, and Medicine
500 Fifth St., NW
Washington, DC 20001
EEide@nas.edu

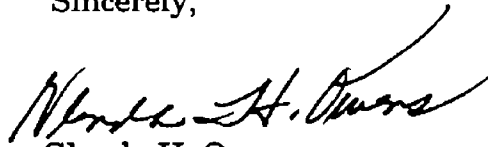
Dear Dr. Eide:

It was a pleasure speaking with you earlier today, and thank you for being available to take our call and email us the additional contact information. As discussed, the Department of the Interior has begun an agency-wide review of its grants and cooperative agreements in excess of \$100,000, largely as a result of our changing budget situation. Thank you for agreeing to cease all activities under Cooperative Agreement number S16AC20034, effective immediately, and until further notice. This immediate cessation includes any third party activities and/or contracting as well.

As discussed, NAS has already scheduled, and funds have been obligated to specific vendors for, an event ranging from August 21 - 23, 2017. Because we do not expect these expenses to be excessive, this three day event may proceed as planned as an exception to this direction. As we further discussed, any later-resulting staff expenses associated with processing reimbursements related to the work occurring during those same three days, which we expect to be relatively minimal, e.g., travel reimbursements, also may be incurred.

Please feel free to call us with any additional questions you may have about this direction as we are performing our review.

Sincerely,

A handwritten signature in black ink, appearing to read "Glenda H. Owens". The signature is fluid and cursive, with a long, sweeping line extending from the end of the name.

Glenda H. Owens
Acting Director

cc: Dr. Gregory Symmes, gsymmes@nas.edu
Mr. Douglas Denning, ddenning@nas.edu

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Dr. Elizabeth A. Eide
Senior Board Director
Board on Earth Sciences and Resources
Water Science and Technology Board

February 2, 2018

Ms. Glenda H. Owens
Acting Director
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1849 C Street, NW
Washington, DC 20240
gowens@osmre.gov

Dear Ms. Owens:

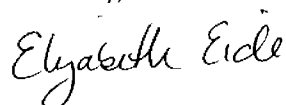
I write with reference to the status of the Department of the Interior (DOI) review of Cooperative Agreement S16AC20034, supporting the National Academies of Sciences, Engineering, and Medicine study on "Potential Health Risks of Living in Proximity to Surface Coal Mining Sites in Central Appalachia."

The National Academies and the committee of experts who volunteered to conduct the study have remained ready to fulfill our agreement with DOI to complete the study report, but we have not received further information from DOI about the duration of the review. To fulfill our portion of the cooperative agreement and to ask the committee to continue to remain available for work requires both funding and clarity as to the time when the project might resume. We are thus releasing the committee from its commitment to the project as of February 2, 2018. Our contracting office will be in contact with its counterpart at DOI to relay this information.

At the point the study was paused, the committee had gathered extensive information but had not yet carried out the deliberative, consensus-building process needed to answer the questions in the statement of task. We are grateful to the many citizens, federal and state officials, industry representatives, academic researchers, and representatives from non-governmental organizations who took the time to participate in the committee's information-gathering. We continue to believe that it is important to address the significant issues that were the focus of this study and we would welcome an opportunity to carry out a study on these issues in the future.

I'd be happy to discuss this further with you at any time should you have questions.

Sincerely,



Elizabeth A. Eide, PhD
Senior Board Director

cc: Douglas Denning, ddenning@nas.edu



United States Department of the Interior

OFFICE OF SURFACE MINING
RECLAMATION AND ENFORCEMENT
Washington, D.C. 20240



August 18, 2017

Sent via Email and Regular U.S. Mail

Elizabeth A. Eide, Ph.D.
Senior Board Director
Board on Earth Sciences and Resources
Water Science and Technology Board
The National Academies of Sciences, Engineering, and Medicine
500 Fifth St., NW
Washington, DC 20001
EEide@nas.edu

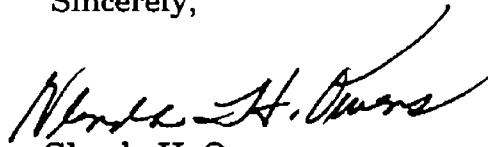
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Please feel free to call us with any additional questions you may have about this direction as we are performing our review.

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Glenda H. Owens
Acting Director

cc: Dr. Gregory Symmes, gsymmes@nas.edu
Mr. Douglas Denning, ddenning@nas.edu

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Dr. Elizabeth A. Eide
Senior Board Director
Board on Earth Sciences and Resources
Water Science and Technology Board

February 2, 2018

Ms. Glenda H. Owens
Acting Director
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1849 C Street, NW
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gowens@osmre.gov

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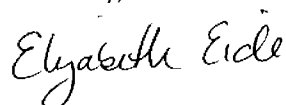
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I'd be happy to discuss this further with you at any time should you have questions.

Sincerely,



Elizabeth A. Eide, PhD
Senior Board Director

cc: Douglas Denning, ddenning@nas.edu

Conversation Contents

Status of Grants/Cooperative Agreements submitted to DOI for clearance

"Norman, Yolande" <ynorman@osmre.gov>

From: "Norman, Yolande" <ynorman@osmre.gov>
Sent: Wed Jan 10 2018 06:23:39 GMT-0700 (MST)
To: "Trelease, John" <jtrelease@osmre.gov>, "Magruder, Matthew" <mmagruder@osmre.gov>
CC: Harry Payne <hpayne@osmre.gov>
Subject: Status of Grants/Cooperative Agreements submitted to DOI for clearance

Hi John,

If you are in the office today we can go over the list of grants/cooperative agreements that have been submitted/need to be submitted to the DOI for clearance. I want us to improve our coordination on these memos working with Glenda and timing of submittals to ASLM.

The universe has expanded in the threshold amount that DOI wants to review and I want us to discuss this further so that we all have a better process moving forward.

I am available today and tomorrow to discuss.
Yolande

--

*Yolande J.C. Norman
Chief, Reclamation Support Division
Program Support Directorate
Department of Interior
Office of Surface Mining Reclamation & Enforcement
Main Interior Building, Room 4545
Washington DC, 20240
Tele: (202) 208-2868
Email: ynorman@osmre.gov*

Conversation Contents

Re: Urgent news media question (Lancet.com): Number of studies halted for internal review?

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>
Sent: Tue Aug 29 2017 09:07:43 GMT-0600 (MDT)
To: "Holmes, Christopher" <cholmes@osmre.gov>, Harry Payne <hpayne@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>
CC: Mark Gehlhar <mgehlhar@osmre.gov>, Moshay Simpson <msimpson@osmre.gov>
Subject: Re: Urgent news media question (Lancet.com): Number of studies halted for internal review?

I can't say what others may have been in excess of \$100K (I only know of this one).

Harry or Josh?

On Tue, Aug 29, 2017 at 10:55 AM, Holmes, Christopher <cholmes@osmre.gov> wrote:
Mick, Mark,

This reporter is asking a question I'm not sure I can answer. As far as I know, the only partnership or grant we've given for more than \$100,000 is the NAS. Can either of you confirm?

C.

----- Forwarded message -----

From: Bryant (b) (6) [REDACTED]
Date: Tue, Aug 29, 2017 at 10:52 AM
Subject: Re: Urgent news media question (Lancet.com): Number of studies halted for internal review?
To: "Holmes, Christopher" <cholmes@osmre.gov>

Thank you, Christopher.

On background, can you please confirm that the NAS review the only study halted by the OSMRE?

You wrote that it's the only NAS study being conducted for OSMRE. But are any other studies being conducted by other bodies or researchers for OSMRE, and have any of these other studies also been halted?

Thank you.

Best,

Bryant

—

Bryant Furlow, medical reporter

On Tue, Aug 29, 2017 at 8:24 AM, Holmes, Christopher <cholmes@osmre.gov> wrote:
On second reading of your question, I can answer only on background, but yes, to my knowledge, this is the only OSMRE study that NAS is carrying out.

Is that what you were looking for?

On Tue, Aug 29, 2017 at 10:19 AM, Bryant (b) (6) wrote:
Thank you, Christopher -- will do. But was the NAS study the only halted study involving the Office of Surface Mining Reclamation and Enforcement?

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Hi, Bryant.

Let me refer you to the DOI main communications office, since they would have that information for the entire department. If you're asking about the government as a whole, I think only the NAS could answer that question.

Here's the contact email for DOI: Interior_Press@ios.doi.gov

Let me know if you need anything else,

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On Tue, Aug 29, 2017 at 8:30 AM, Bryant (b) (6) wrote:
Good morning, Mr. Holmes,

I'm a U.S. correspondent for the Lancet.com news desks, reporting on the DOI Office of Surface Mining's halt to the National Academies of Sciences' coal mining residential health study, pending review.

I am on deadline for 1 p.m. ET today, Tuesday, Aug. 29.

My question: how many other studies have been halted to date, in addition to the National Academies coal health study?

Thank you.

Sincerely,
Bryant Furlow, for The Lancet Respiratory Medicine news desk

--

Bryant Furlow, medical reporter

--

Chris Holmes

Public Affairs Specialist

Manager, AML Reclamation Awards

Manager, Excellence in Surface Coal Mining Reclamation Awards

U.S. Department of the Interior

Office of Surface Mining Reclamation and Enforcement

Tel: (202) 208-7941

Cell: (202) 697-3889

cholmes@osmre.gov

"Success isn't owned. It's leased and rent is due every day."

- J.J. Watt

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"Payne, Harry" <hpayne@osmre.gov>

From: "Payne, Harry" <hpayne@osmre.gov>
Sent: Tue Aug 29 2017 09:11:02 GMT-0600 (MDT)
To: "Kuhns, Michael" <mkuhns@osmre.gov>, Jay Bautista <jbautista@osmre.gov>
CC: "Holmes, Christopher" <cholmes@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>, Mark Gehlhar <mgehlhar@osmre.gov>, Moshay Simpson <msimpson@osmre.gov>
Subject: Re: Urgent news media question (Lancet.com): Number of studies halted for internal review?

Forwarding to Jay ...but it appears he only wants to know what we (OSMRE) have halted ...

On Tue, Aug 29, 2017 at 11:07 AM, Kuhns, Michael <mkuhns@osmre.gov> wrote:
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Harry J. Payne

Chief, Division of Regulatory Support
Office of Surface Mining Reclamation and Enforcement

1951 Constitution Ave, NW
Mail Stop 203
Washington, DC 20240
202-208-2895

"Holmes, Christopher" <cholmes@osmre.gov>

From: "Holmes, Christopher" <cholmes@osmre.gov>
Sent: Tue Aug 29 2017 09:13:57 GMT-0600 (MDT)
To: "Payne, Harry" <hpayne@osmre.gov>
"Kuhns, Michael" <mkuhns@osmre.gov>, Jay Bautista
<jbautista@osmre.gov>, Joshua Rockwell
CC: <jrockwell@osmre.gov>, Mark Gehlhar <mgehlhar@osmre.gov>,
Moshay Simpson <msimpson@osmre.gov>
Subject: Re: Urgent news media question (Lancet.com): Number of studies halted for internal review?

Only grants of \$100,000 are under review.

On Tue, Aug 29, 2017 at 11:11 AM, Payne, Harry <hpayne@osmre.gov> wrote:
Forwarding to Jay ...but it appears he only wants to know what we (OSMRE) have halted ...

On Tue, Aug 29, 2017 at 11:07 AM, Kuhns, Michael <mkuhns@osmre.gov> wrote:
I can't say what others may have been in excess of \$100K (I only know of this one).

Harry or Josh?

On Tue, Aug 29, 2017 at 10:55 AM, Holmes, Christopher <cholmes@osmre.gov> wrote:
Mick, Mark,

This reporter is asking a question I'm not sure I can answer. As far as I know, the only partnership or grant we've given for more than \$100,000 is the NAS. Can either of you confirm?

C.

----- Forwarded message -----

From: Bryant <bryant.furlow@gmail.com>
Date: Tue, Aug 29, 2017 at 10:52 AM
Subject: Re: Urgent news media question (Lancet.com): Number of studies halted for internal review?
To: "Holmes, Christopher" <cholmes@osmre.gov>

Thank you, Christopher.

On background, can you please confirm that the NAS review the only study halted by the OSMRE?

You wrote that it's the only NAS study being conducted for OSMRE. But are any other studies being conducted by other bodies or researchers for OSMRE, and have any of these other studies also been halted?

Thank you.

Best,
Bryant

--

Bryant Furlow, medical reporter

On Tue, Aug 29, 2017 at 8:24 AM, Holmes, Christopher <cholmes@osmre.gov> wrote:
On second reading of your question, I can answer only on background, but yes, to my knowledge, this is the only OSMRE study that NAS is carrying out.

Is that what you were looking for?

On Tue, Aug 29, 2017 at 10:19 AM, Bryant <bryant.furlow@gmail.com> wrote:
Thank you, Christopher -- will do. But was the NAS study the only halted study involving the Office of Surface Mining Reclamation and Enforcement?

Best,
Bryant

--

Bryant Furlow, medical reporter

On Tue, Aug 29, 2017 at 8:17 AM, Holmes, Christopher <cholmes@osmre.gov> wrote:
Hi, Bryant.

Let me refer you to the DOI main communications office, since they would have that information for the entire department. If you're asking about the government as a whole, I think only the NAS could answer that question.

Here's the contact email for DOI: Interior_Press@ios.doi.gov

Let me know if you need anything else,

C.

On Tue, Aug 29, 2017 at 8:30 AM, Bryant (b) (6) wrote:
Good morning, Mr. Holmes,

I'm a U.S. correspondent for the Lancet.com news desks, reporting on the DOI Office of Surface Mining's halt to the National Academies of Sciences' coal mining residential health study, pending review.

I am on deadline for 1 p.m. ET today, Tuesday, Aug. 29.

My question: how many other studies have been halted to date, in addition to the National Academies coal health study?

Thank you.

Sincerely,
Bryant Furlow, for The Lancet Respiratory Medicine news desk

--
Bryant Furlow, medical reporter

--
Chris Holmes
Public Affairs Specialist
Manager, AML Reclamation Awards
Manager, Excellence in Surface Coal Mining Reclamation Awards
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Tel: (202) 208-7941
Cell: (202) 697-3889
cholmes@osmre.gov

"Success isn't owned. It's leased and rent is due every day."

- J.J. Watt

--
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Harry J. Payne

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Conversation Contents

Fwd: Secretary Meeting

Attachments:

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/10. Fwd: Secretary Meeting/7.2 Summary of Draft Report on Coal Mining Permitting Issues and Proposed Actions.docx
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/10. Fwd: Secretary Meeting/11.2 BP - NAS Study - August 28_2017.docx
/10. Fwd: Secretary Meeting/11.3 Letter from WV Bowling and Huffman 6-9-15.pdf
/10. Fwd: Secretary Meeting/11.4 June 17 2015 Congressional eleven congressmen.pdf
/10. Fwd: Secretary Meeting/12.1 OSMRE Section 7 Consultation and MOU Update.docx
/10. Fwd: Secretary Meeting/12.2 IMCC Comments on Draft 2015 OSM FWS MOU FINAL SIGNED.pdf
/10. Fwd: Secretary Meeting/12.3 IMCC Comment Attachment re 2017 Draft OSM FWS MOU.pdf
/10. Fwd: Secretary Meeting/12.4 IMCC Comment Letter Kate MacGregor 2017 MOU Reinit Consult BiOppdf.pdf
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"Shope, Thomas" <tshope@osmre.gov>

From: "Shope, Thomas" <tshope@osmre.gov>
Sent: Fri Aug 25 2017 17:18:06 GMT-0600 (MDT)
To: Harry Payne <hpayne@osmre.gov>
Subject: Fwd: Secretary Meeting

Thomas D. Shope**Acting Director**

Office of Surface Mining Reclamation and Enforcement

Phone: (202) 208-4006

----- Forwarded message -----

From: **Shope, Thomas** <tshope@osmre.gov>

Date: Fri, Aug 25, 2017 at 6:27 PM

Subject: Secretary Meeting

To: Sterling Rideout <srideout@osmre.gov>, David Berry <dberry@osmre.gov>, Al Clayborne <aclayborne@osmre.gov>

Cc: Julia Moore <jmoore@osmre.gov>, Karen Orwig <korwig@osmre.gov>, Fred Cruise <fcruise@osmre.gov>

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4. NAS Study - [Sterling]
5. Signal Peak Energy Permits - [David]

Please send me a briefing paper summary with talking points and any other digested, supporting educational materials - intended for my eyes only at this point, i.e., not to be shared with ASLM or above, by noon Tuesday. I would like you to schedule topic specific meetings to educate me for Tuesday afternoon or Wednesday - contact Julia Moore for scheduling.

Thanks!

Thomas D. Shope**Acting Director**

Office of Surface Mining Reclamation and Enforcement

Phone: (202) 208-4006

"Payne, Harry" <hpayne@osmre.gov>

From: "Payne, Harry" <hpayne@osmre.gov>

Sent: Mon Aug 28 2017 07:41:54 GMT-0600 (MDT)

Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns

To: <mkuhns@osmre.gov>
Subject: Fwd: Secretary Meeting

I need one of you to be available on Tuesday PM or Wednesday to brief Tom on the NAS study.

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From: **Shope, Thomas** <tshope@osmre.gov>
Date: Fri, Aug 25, 2017 at 7:18 PM
Subject: Fwd: Secretary Meeting
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Chief, Division of Regulatory Support

Office of Surface Mining Reclamation and Enforcement

1951 Constitution Ave, NW

Mail Stop 203

Washington, DC 20240

202-208-2895

"Kuhns, Michael" <mkuhns@osmre.gov>

From: "Kuhns, Michael" <mkuhns@osmre.gov>
Sent: Mon Aug 28 2017 07:45:03 GMT-0600 (MDT)
To: "Payne, Harry" <hpayne@osmre.gov>
CC: Joshua Rockwell <jrockwell@osmre.gov>
Subject: Re: Secretary Meeting

I'm available either of those times (Tuesday via telework and Wednesday at the office).

On Mon, Aug 28, 2017 at 9:41 AM, Payne, Harry <hpayne@osmre.gov> wrote:

I need one of you to be available on Tuesday PM or Wednesday to brief Tom on the NAS study.

----- Forwarded message -----

From: **Shope, Thomas** <tshope@osmre.gov>
Date: Fri, Aug 25, 2017 at 7:18 PM
Subject: Fwd: Secretary Meeting
To: Harry Payne <hpayne@osmre.gov>

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1951 Constitution Ave, NW

Mail Stop 203

Washington, DC 20240

202-208-2895

"Rockwell, Joshua" <jrockwell@osmre.gov>

From: "Rockwell, Joshua" <jrockwell@osmre.gov>
Sent: Mon Aug 28 2017 07:47:32 GMT-0600 (MDT)
To: "Payne, Harry" <hpayne@osmre.gov>
CC: Michael Kuhns <mkuhns@osmre.gov>
Subject: Re: Secretary Meeting

As with Mick, I'm available either Tuesday or Wednesday. If this slides until Thursday, I will not be able to take the call. Emily's last remaining grandparent passed last Friday, and we will bury her this Thursday in Silver Spring.

On Mon, Aug 28, 2017 at 9:41 AM, Payne, Harry <hpayne@osmre.gov> wrote:

I need one of you to be available on Tuesday PM or Wednesday to brief Tom on the NAS study.

----- Forwarded message -----

From: **Shope, Thomas** <tshope@osmre.gov>

Date: Fri, Aug 25, 2017 at 7:18 PM

Subject: Fwd: Secretary Meeting

To: Harry Payne <hpayne@osmre.gov>

Thomas D. Shope

Acting Director

Office of Surface Mining Reclamation and Enforcement

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From: **Shope, Thomas** <tshope@osmre.gov>

Date: Fri, Aug 25, 2017 at 6:27 PM

Subject: Secretary Meeting

To: Sterling Rideout <srideout@osmre.gov>, David Berry <dberry@osmre.gov>, Al Clayborne <aclayborne@osmre.gov>

Cc: Julia Moore <jmoore@osmre.gov>, Karen Orwig <korwig@osmre.gov>, Fred Cruise <fcruise@osmre.gov>

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"Payne, Harry" <hpayne@osmre.gov>

From: "Payne, Harry" <hpayne@osmre.gov>
Sent: Mon Aug 28 2017 07:59:08 GMT-0600 (MDT)
To: "Shope, Thomas" <tshope@osmre.gov>
Subject: Re: Secretary Meeting

Hi Tom - I just added you to the invite for the meeting Wednesday with Kate at 10:00 AM since you are acting Director. This is a meeting we have approximately every 2 weeks with BLM and OSMRE to discuss our reports on streamlining the leasing and permitting process for Federal coal and the OSMRE report on improving permitting efficiency across all agencies. Not sure where you will be, but there is a call in number if you want to participate. Harry

On Fri, Aug 25, 2017 at 7:18 PM, Shope, Thomas <tshope@osmre.gov> wrote:

Thomas D. Shope

Acting Director

Office of Surface Mining Reclamation and Enforcement

Phone: (202) 208-4006

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From: **Shope, Thomas** <tshope@osmre.gov>

Date: Fri, Aug 25, 2017 at 6:27 PM

Subject: Secretary Meeting

To: Sterling Rideout <srideout@osmre.gov>, David Berry <dberry@osmre.gov>, Al Clayborne <aclayborne@osmre.gov>

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Mail Stop 203
Washington, DC 20240
202-208-2895

"Payne, Harry" <hpayne@osmre.gov>

From: "Payne, Harry" <hpayne@osmre.gov>
Sent: Mon Aug 28 2017 09:12:49 GMT-0600 (MDT)
To: "Shope, Thomas" <tshope@osmre.gov>
CC: jmoore@osmre.gov, Ann Walker <awalker2@osmre.gov>
Subject: Re: Secretary Meeting

Tom, my staff and I are covering items 1,2 and 4.

On Fri, Aug 25, 2017 at 7:18 PM, Shope, Thomas <tshope@osmre.gov> wrote:

Thomas D. Shope

Acting Director

Office of Surface Mining Reclamation and Enforcement

Phone: (202) 208-4006

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Harry J. Payne

Chief, Division of Regulatory Support

Office of Surface Mining Reclamation and Enforcement

1951 Constitution Ave, NW

Mail Stop 203

"Payne, Harry" <hpayne@osmre.gov>

From: "Payne, Harry" <hpayne@osmre.gov>
Sent: Mon Aug 28 2017 09:40:52 GMT-0600 (MDT)
To: "Shope, Thomas" <tshope@osmre.gov>
CC: Julia Moore <jmoore@osmre.gov>, Karen Orwig <korwig@osmre.gov>
Subject: Re: Secretary Meeting
Attachments: OSMRE Final Draft Coal Permitting Efficiencies Report w-table 8-14-17.docx Summary of Draft Report on Coal Mining Permitting Issues and Proposed Actions.docx

Tom here is a summary of the permitting efficiencies report and the actual report (item number 1).

On Fri, Aug 25, 2017 at 7:18 PM, Shope, Thomas <tshope@osmre.gov> wrote:

Thomas D. Shope

Acting Director

Office of Surface Mining Reclamation and Enforcement
Phone: (202) 208-4006

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Date: Fri, Aug 25, 2017 at 6:27 PM
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Harry J. Payne

Chief, Division of Regulatory Support

Office of Surface Mining Reclamation and Enforcement

1951 Constitution Ave, NW

Mail Stop 203

Washington, DC 20240

202-208-2895

"Moore, Julia" <jmoore@osmre.gov>

From: "Moore, Julia" <jmoore@osmre.gov>
Sent: Mon Aug 28 2017 10:04:58 GMT-0600 (MDT)
To: Harry <hpayne@osmre.gov>
Subject: Fwd: Secretary Meeting
Attachments: OSMRE Final Draft Coal Permitting Efficiencies Report w-table 8-14-17.docx Summary of Draft Report on Coal Mining Permitting Issues and Proposed Actions.docx

Hi Harry-

When are you free to do a briefing with Tom? And will it be in person or via phone?

----- Forwarded message -----

From: **Payne, Harry** <hpayne@osmre.gov>

Date: Mon, Aug 28, 2017 at 11:40 AM

Subject: Re: Secretary Meeting

To: "Shope, Thomas" <tshope@osmre.gov>

Cc: Julia Moore <jmoore@osmre.gov>, Karen Orwig <korwig@osmre.gov>

Tom here is a summary of the permitting efficiencies report and the actual report (item number 1).

On Fri, Aug 25, 2017 at 7:18 PM, Shope, Thomas <tshope@osmre.gov> wrote:

Thomas D. Shope**Acting Director**

Office of Surface Mining Reclamation and Enforcement

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Julie Moore, Government Information Specialist
Office of Surface Mining Reclamation & Enforcement
Appalachian Regional Director's Office
3 Parkway Center
Pittsburgh, PA 15220
Desk: (412) 937-2815
Cell: (412) 608-5840
Email: jmoore@osmre.gov

"Shope, Thomas" <tshope@osmre.gov>

From: "Shope, Thomas" <tshope@osmre.gov>
Sent: Mon Aug 28 2017 10:25:10 GMT-0600 (MDT)
To: "Payne, Harry" <hpayne@osmre.gov>
Subject: Re: Secretary Meeting

Thanks Harry. I will be here in DC. Added it to my calendar.

Thomas D. Shope
Acting Director
Office of Surface Mining Reclamation and Enforcement
Phone: (202) 208-4006

On Mon, Aug 28, 2017 at 9:59 AM, Payne, Harry <hpayne@osmre.gov> wrote:
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Please send me a briefing paper summary with talking points and any other digested, supporting educational materials - intended for my eyes only at this point, i.e., not to be shared with ASLM or above, by noon Tuesday. I would like you to schedule topic specific meetings to educate me for Tuesday afternoon or Wednesday - contact Julia Moore for scheduling.

Thanks!

Thomas D. Shope

Acting Director

Office of Surface Mining Reclamation and Enforcement

Phone: (202) 208-4006

--

Harry J. Payne

Chief, Division of Regulatory Support

Office of Surface Mining Reclamation and Enforcement

1951 Constitution Ave, NW

Mail Stop 203

Washington, DC 20240

202-208-2895

"Payne, Harry" <hpayne@osmre.gov>

From: "Payne, Harry" <hpayne@osmre.gov>
Sent: Mon Aug 28 2017 11:23:59 GMT-0600 (MDT)
To: "Moore, Julia" <jmoore@osmre.gov>
Subject: Re: Secretary Meeting

Hi Julia - I am available anytime Wed PM prior to 4:30; also I have 3 issues to brief Tom on, the NAS study (Mick Kuhns and Josh Rockwell are available to participate for the NAS study- I need one of them) we should cover this one first, then they can go; the FWS MOU/2017 BiOP and the Permitting efficiencies report (items 1,2 and 4 on his list). Mick, Josh and I will be here at SIB to meet with Tom on Wednesday.

On Mon, Aug 28, 2017 at 12:04 PM, Moore, Julia <jmoore@osmre.gov> wrote:

Hi Harry-

When are you free to do a briefing with Tom? And will it be in person or via phone?

----- Forwarded message -----

From: **Payne, Harry** <hpayne@osmre.gov>
Date: Mon, Aug 28, 2017 at 11:40 AM
Subject: Re: Secretary Meeting
To: "Shope, Thomas" <tshope@osmre.gov>
Cc: Julia Moore <jmoore@osmre.gov>, Karen Orwig <korwig@osmre.gov>

Tom here is a summary of the permitting efficiencies report and the actual report (item number 1).

On Fri, Aug 25, 2017 at 7:18 PM, Shope, Thomas <tshope@osmre.gov> wrote:

Thomas D. Shope

Acting Director

Office of Surface Mining Reclamation and Enforcement
Phone: (202) 208-4006

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From: **Shope, Thomas** <tshope@osmre.gov>
Date: Fri, Aug 25, 2017 at 6:27 PM
Subject: Secretary Meeting
To: Sterling Rideout <srideout@osmre.gov>, David Berry <dberry@osmre.gov>, Al Clayborne <aclayborne@osmre.gov>
Cc: Julia Moore <jmoore@osmre.gov>, Karen Orwig <korwig@osmre.gov>, Fred Cruise <fcruise@osmre.gov>

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Office of Surface Mining Reclamation and Enforcement
1951 Constitution Ave, NW
Mail Stop 203
Washington, DC 20240
202-208-2895

--

Julie Moore, Government Information Specialist
Office of Surface Mining Reclamation & Enforcement
Appalachian Regional Director's Office
3 Parkway Center
Pittsburgh, PA 15220
Desk: (412) 937-2815
Cell: (412) 608-5840
Email: jmoore@osmre.gov

--

Harry J. Payne
Chief, Division of Regulatory Support
Office of Surface Mining Reclamation and Enforcement
1951 Constitution Ave, NW
Mail Stop 203
Washington, DC 20240

"Payne, Harry" <hpayne@osmre.gov>

From: "Payne, Harry" <hpayne@osmre.gov>
Sent: Mon Aug 28 2017 13:12:46 GMT-0600 (MDT)
To: "Shope, Thomas" <tshope@osmre.gov>
CC: Karen Orwig <korwig@osmre.gov>, Julia Moore <jmoore@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>
Subject: Re: Secretary Meeting
Attachments: NAS Study Halt Letter - 8-18-17.pdf BP - NAS Study - August 28_2017.docx Letter from WV Bowling and Huffman 6-9-15.pdf June 17 2015 Congressional eleven congressmen.pdf

Tom attached is the BP and other related documents concerning issue number 4 (NAS Study).

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Date: Fri, Aug 25, 2017 at 6:27 PM
Subject: Secretary Meeting
To: Sterling Rideout <srideout@osmre.gov>, David Berry <dberry@osmre.gov>, Al Clayborne <aclayborne@osmre.gov>
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Washington, DC 20240

202-208-2895

"Payne, Harry" <hpayne@osmre.gov>

From: "Payne, Harry" <hpayne@osmre.gov>
Sent: Tue Aug 29 2017 05:27:26 GMT-0600 (MDT)
To: "Shope, Thomas" <tshope@osmre.gov>
Subject: Re: Secretary Meeting
OSMRE Section 7 Consultation and MOU Update.docx IMCC
Comments on Draft 2015 OSM FWS MOU FINAL SIGNED.pdf
Attachments: IMCC Comment Attachment re 2017 Draft OSM FWS MOU.pdf
IMCC Comment Letter Kate MacGregor 2017 MOU Reinit Consult
BiOppdf.pdf

Tom attached are the materials for item number 2, Section 7 Consultation and related issues.

On Fri, Aug 25, 2017 at 7:18 PM, Shope, Thomas <tshope@osmre.gov> wrote:

Thomas D. Shope

Acting Director

Office of Surface Mining Reclamation and Enforcement

Phone: (202) 208-4006

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From: **Shope, Thomas** <tshope@osmre.gov>

Date: Fri, Aug 25, 2017 at 6:27 PM

Subject: Secretary Meeting

To: Sterling Rideout <srideout@osmre.gov>, David Berry <dberry@osmre.gov>, Al Clayborne <aclayborne@osmre.gov>

Cc: Julia Moore <jmoore@osmre.gov>, Karen Orwig <korwig@osmre.gov>, Fred Cruise <fcruise@osmre.gov>

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202-208-2895

"Payne, Harry" <hpayne@osmre.gov>

From: "Payne, Harry" <hpayne@osmre.gov>
Sent: Tue Aug 29 2017 07:24:44 GMT-0600 (MDT)
To: "Shope, Thomas" <tshope@osmre.gov>

Subject: Re: Secretary Meeting

I guess Kate is on leave, so the meeting was cancelled.

On Mon, Aug 28, 2017 at 12:25 PM, Shope, Thomas <tshope@osmre.gov> wrote:
Thanks Harry. I will be here in DC. Added it to my calendar.

Thomas D. Shope

Acting Director

Office of Surface Mining Reclamation and Enforcement

Phone: (202) 208-4006

On Mon, Aug 28, 2017 at 9:59 AM, Payne, Harry <hpayne@osmre.gov> wrote:
Hi Tom - I just added you to the invite for the meeting Wednesday with Kate at 10:00 AM since you are acting Director. This is a meeting we have approximately every 2 weeks with BLM and OSMRE to discuss our reports on streamlining the leasing and permitting process for Federal coal and the OSMRE report on improving permitting efficiency across all agencies. Not sure where you will be, but there is a call in number if you want to participate.
Harry

On Fri, Aug 25, 2017 at 7:18 PM, Shope, Thomas <tshope@osmre.gov> wrote:

Thomas D. Shope

Acting Director

Office of Surface Mining Reclamation and Enforcement

Phone: (202) 208-4006

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From: **Shope, Thomas** <tshope@osmre.gov>

Date: Fri, Aug 25, 2017 at 6:27 PM

Subject: Secretary Meeting

To: Sterling Rideout <srideout@osmre.gov>, David Berry <dberry@osmre.gov>, Al Clayborne <aclayborne@osmre.gov>

Cc: Julia Moore <jmoore@osmre.gov>, Karen Orwig <korwig@osmre.gov>, Fred Cruise <fcruise@osmre.gov>

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"Payne, Harry" <hpayne@osmre.gov>

From: "Payne, Harry" <hpayne@osmre.gov>
Sent: Thu Aug 31 2017 06:15:14 GMT-0600 (MDT)
To: Glenda Owens <gowens@osmre.gov>
Subject: Fwd: Secretary Meeting
OSMRE Section 7 Consultation and MOU Update.docx IMCC
Comments on Draft 2015 OSM FWS MOU FINAL SIGNED.pdf
Attachments: IMCC Comment Attachment re 2017 Draft OSM FWS MOU.pdf
IMCC Comment Letter Kate MacGregor 2017 MOU Reinit Consult
BiOppdf.pdf

FYI

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From: **Payne, Harry** <hpayne@osmre.gov>
Date: Tue, Aug 29, 2017 at 7:27 AM
Subject: Re: Secretary Meeting
To: "Shope, Thomas" <tshope@osmre.gov>

Tom attached are the materials for item number 2, Section 7 Consultation and related issues.

On Fri, Aug 25, 2017 at 7:18 PM, Shope, Thomas <tshope@osmre.gov> wrote:

Thomas D. Shope

Acting Director

Office of Surface Mining Reclamation and Enforcement

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From: **Shope, Thomas** <tshope@osmre.gov>
Date: Fri, Aug 25, 2017 at 6:27 PM
Subject: Secretary Meeting
To: Sterling Rideout <srideout@osmre.gov>, David Berry <dberry@osmre.gov>, Al Clayborne <aclayborne@osmre.gov>
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"Payne, Harry" <hpayne@osmre.gov>

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Sent: Thu Aug 31 2017 06:15:43 GMT-0600 (MDT)
To: Glenda Owens <gowens@osmre.gov>
Subject: Fwd: Secretary Meeting
Attachments: NAS Study Halt Letter - 8-18-17.pdf BP - NAS Study - August 28_2017.docx Letter from WV Bowling and Huffman 6-9-15.pdf June 17 2015 Congressional eleven congressmen.pdf

FYI

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From: **Payne, Harry** <hpayne@osmre.gov>
Date: Mon, Aug 28, 2017 at 3:12 PM
Subject: Re: Secretary Meeting
To: "Shope, Thomas" <tshope@osmre.gov>
Cc: Karen Orwig <korwig@osmre.gov>, Julia Moore <jmoore@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>

Tom attached is the BP and other related documents concerning issue number 4 (NAS Study).

On Fri, Aug 25, 2017 at 7:18 PM, Shope, Thomas <tshope@osmre.gov> wrote:

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Date: Fri, Aug 25, 2017 at 6:27 PM

Subject: Secretary Meeting

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Sent: Thu Aug 31 2017 06:17:43 GMT-0600 (MDT)
To: Glenda Owens <gowens@osmre.gov>
Subject: Fwd: Secretary Meeting
Attachments: OSMRE Final Draft Coal Permitting Efficiencies Report w-table 8-14-17.docx Summary of Draft Report on Coal Mining Permitting Issues and Proposed Actions.docx

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Date: Mon, Aug 28, 2017 at 11:40 AM
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United States Department of the Interior

OFFICE OF SURFACE MINING
RECLAMATION AND ENFORCEMENT
Washington, D.C. 20240



August 18, 2017

Sent via Email and Regular U.S. Mail

Elizabeth A. Eide, Ph.D.
Senior Board Director
Board on Earth Sciences and Resources
Water Science and Technology Board
The National Academies of Sciences, Engineering, and Medicine
500 Fifth St., NW
Washington, DC 20001
EEide@nas.edu

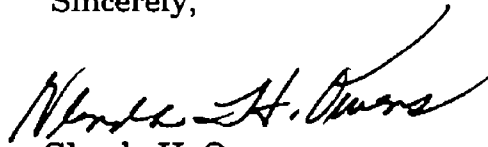
Dear Dr. Eide:

It was a pleasure speaking with you earlier today, and thank you for being available to take our call and email us the additional contact information. As discussed, the Department of the Interior has begun an agency-wide review of its grants and cooperative agreements in excess of \$100,000, largely as a result of our changing budget situation. Thank you for agreeing to cease all activities under Cooperative Agreement number S16AC20034, effective immediately, and until further notice. This immediate cessation includes any third party activities and/or contracting as well.

As discussed, NAS has already scheduled, and funds have been obligated to specific vendors for, an event ranging from August 21 - 23, 2017. Because we do not expect these expenses to be excessive, this three day event may proceed as planned as an exception to this direction. As we further discussed, any later-resulting staff expenses associated with processing reimbursements related to the work occurring during those same three days, which we expect to be relatively minimal, e.g., travel reimbursements, also may be incurred.

Please feel free to call us with any additional questions you may have about this direction as we are performing our review.

Sincerely,

A handwritten signature in black ink, appearing to read "Glenda H. Owens". The signature is fluid and cursive, with a long, sweeping line extending from the end of the name.

Glenda H. Owens
Acting Director

cc: Dr. Gregory Symmes, gsymmes@nas.edu
Mr. Douglas Denning, ddenning@nas.edu



STATE OF WEST VIRGINIA
OFFICE OF THE GOVERNOR
1900 KANAWHA BOULEVARD, EAST
CHARLESTON, WV 25305
(304) 558-2000

EARL RAY TOMBLIN
GOVERNOR

April 28, 2015

Mr. Shawn M. Garvin
U.S. Environmental Protection Agency – Region 3
1650 Arch Street
Mail Code: 3RA00
Philadelphia, Pennsylvania 19103

Mr. Thomas Shope, Regional Director
Appalachian Region
Office of Surface Mining, Reclamation and Enforcement
U.S. Department of the Interior
3 Parkway Center
Pittsburgh, Pennsylvania 15220

Dear Mr. Garvin and Mr. Shope:

The State of West Virginia is seeking subject-matter expertise from your respective agency to review the body of academic research that has been conducted to assess potential health implications relative to surface coal mining.

In addition to contacting your agencies, we are also seeking expertise from the Centers for Disease Control and Prevention, National Institutes of Health, and the U.S. Geological Survey. The objective is to have subject-matter experts identified and begin work by late summer or early fall 2015.

Please feel free to correspond with either of us in regard to this initiative. We look forward to hearing your thoughts and recommendations on this project.

Sincerely,

A handwritten signature in cursive script, appearing to read "Karen L. Bowling".

Karen L. Bowling, Cabinet Secretary
Department of Health & Human Resources
One Davis Square - Suite 100, East
Charleston, West Virginia 25301
Phone: (304) 558-0684

Sincerely,

A handwritten signature in cursive script, appearing to read "Randy C. Huffman".

Randy C. Huffman, Cabinet Secretary
Department of Environmental Protection
601 57th Street SE
Charleston, West Virginia 25304
Phone: (304) 926-0440

cc: The Honorable Earl Ray Tomblin, Governor

Congress of the United States
Washington, DC 20515

June 17, 2015

The Honorable Sylvia Mathews Burwell
Secretary
U.S. Department of Health and Human Services
200 Independence Avenue, S.W.
Washington, D.C. 20201

Dear Secretary Burwell:

As Members of Congress, we write to call your attention to increasing evidence demonstrating a link between mountaintop removal (MTR) coal mining and elevated levels of disease, birth defects, and mortality in surrounding communities. We urge you to conduct or support, through the National Institute of Environmental Health Sciences, a comprehensive study on the health impacts of mountaintop removal coal mining on individuals residing near MTR coal mining sites.

In October 2014, a team of scientists from West Virginia University's Mary Babb Randolph Cancer Center released the first ever study showing a direct connection between mountaintop removal coal mining dust and increased lung cancer rates. While there has long been anecdotal evidence to support this conclusion, this is clear scientific evidence that MTR jeopardizes the health of coalfield residents.

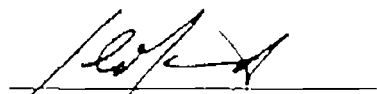
Another peer-reviewed study in *Environmental Science* found that communities near mountaintop removal mining sites showed elevated levels of birth defects – including circulatory and respiratory problems, and damage to the central nervous system, musculoskeletal and gastrointestinal systems – when compared with communities surrounding non-MTR mines.

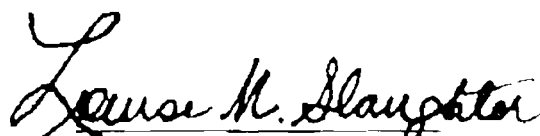
Additionally, an analysis in the academic journal *Science* found that in communities near mountaintop removal coal mining sites, “adult hospitalizations for chronic pulmonary disorders and hypertension are elevated as a function of county-level coal production, as are rates of mortality; lung cancer; and chronic heart, lung, and kidney disease. Health problems are for women and men, so effects are not simply a result of direct occupational exposure of predominantly male coal miners.”

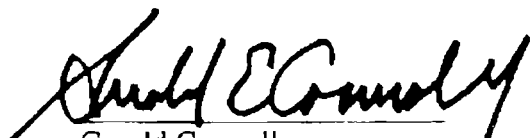
We believe the health impacts of MTR go far beyond the scope of these studies, which is why we urge you to conduct a comprehensive study into these outcomes. This is not just about filling a gap in public health information. Given the federal government's role in the approval of mountaintop removal permits, it is our responsibility to ensure that the

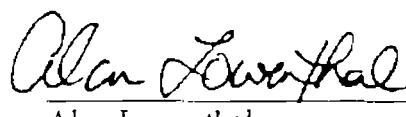
health consequences of this practice are fully known. The families in these communities deserve no less. Thank you for your consideration. We look forward to your response.

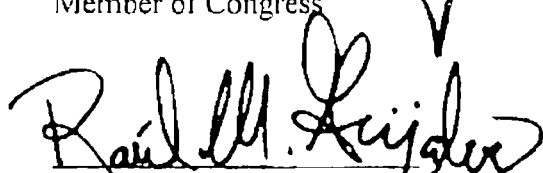
Sincerely,

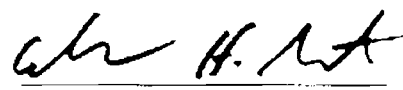

John Yarmuth
Member of Congress

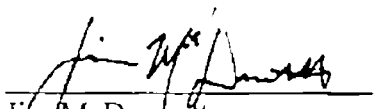

Louise Slaughter
Member of Congress

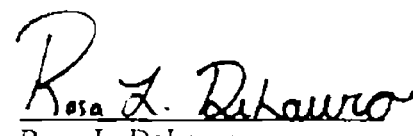

Gerald Connolly
Member of Congress

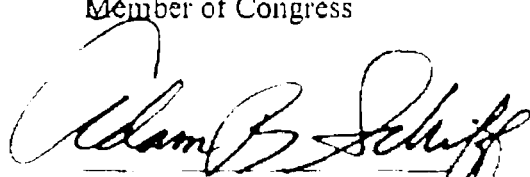

Alan Lowenthal
Member of Congress

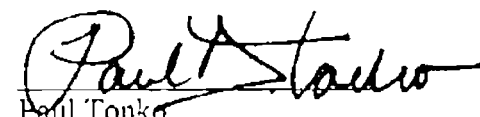

Raul Grijalva
Member of Congress



Eleanor Holmes Norton
Member of Congress


Jim McDermott
Member of Congress


Rosa L. DeLauro
Member of Congress


Adam Schiff
Member of Congress


Paul Tonko
Member of Congress


Michael M. Honda
Member of Congress



United States Department of the Interior

OFFICE OF SURFACE MINING
RECLAMATION AND ENFORCEMENT
Washington, D.C. 20240



August 18, 2017

Sent via Email and Regular U.S. Mail

Elizabeth A. Eide, Ph.D.
Senior Board Director
Board on Earth Sciences and Resources
Water Science and Technology Board
The National Academies of Sciences, Engineering, and Medicine
500 Fifth St., NW
Washington, DC 20001
EEide@nas.edu

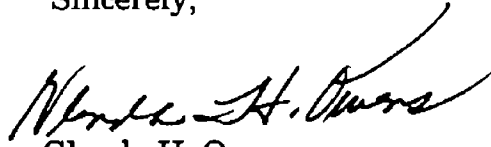
Dear Dr. Eide:

It was a pleasure speaking with you earlier today, and thank you for being available to take our call and email us the additional contact information. As discussed, the Department of the Interior has begun an agency-wide review of its grants and cooperative agreements in excess of \$100,000, largely as a result of our changing budget situation. Thank you for agreeing to cease all activities under Cooperative Agreement number S16AC20034, effective immediately, and until further notice. This immediate cessation includes any third party activities and/or contracting as well.

As discussed, NAS has already scheduled, and funds have been obligated to specific vendors for, an event ranging from August 21 - 23, 2017. Because we do not expect these expenses to be excessive, this three day event may proceed as planned as an exception to this direction. As we further discussed, any later-resulting staff expenses associated with processing reimbursements related to the work occurring during those same three days, which we expect to be relatively minimal, e.g., travel reimbursements, also may be incurred.

Please feel free to call us with any additional questions you may have about this direction as we are performing our review.

Sincerely,

A handwritten signature in black ink, appearing to read "Glenda H. Owens". The signature is fluid and cursive, with a long, sweeping line extending from the end of the name.

Glenda H. Owens
Acting Director

cc: Dr. Gregory Symmes, gsymmes@nas.edu
Mr. Douglas Denning, ddenning@nas.edu



STATE OF WEST VIRGINIA
OFFICE OF THE GOVERNOR
1900 KANAWHA BOULEVARD, EAST
CHARLESTON, WV 25305
(304) 558-2000

EARL RAY TOMBLIN
GOVERNOR

April 28, 2015

Mr. Shawn M. Garvin
U.S. Environmental Protection Agency – Region 3
1650 Arch Street
Mail Code: 3RA00
Philadelphia, Pennsylvania 19103

Mr. Thomas Shope, Regional Director
Appalachian Region
Office of Surface Mining, Reclamation and Enforcement
U.S. Department of the Interior
3 Parkway Center
Pittsburgh, Pennsylvania 15220

Dear Mr. Garvin and Mr. Shope:

The State of West Virginia is seeking subject-matter expertise from your respective agency to review the body of academic research that has been conducted to assess potential health implications relative to surface coal mining.

In addition to contacting your agencies, we are also seeking expertise from the Centers for Disease Control and Prevention, National Institutes of Health, and the U.S. Geological Survey. The objective is to have subject-matter experts identified and begin work by late summer or early fall 2015.

Please feel free to correspond with either of us in regard to this initiative. We look forward to hearing your thoughts and recommendations on this project.

Sincerely,

A handwritten signature in cursive script, appearing to read "Karen L. Bowling".

Karen L. Bowling, Cabinet Secretary
Department of Health & Human Resources
One Davis Square - Suite 100, East
Charleston, West Virginia 25301
Phone: (304) 558-0684

Sincerely,

A handwritten signature in cursive script, appearing to read "Randy C. Huffman".

Randy C. Huffman, Cabinet Secretary
Department of Environmental Protection
601 57th Street SE
Charleston, West Virginia 25304
Phone: (304) 926-0440

cc: The Honorable Earl Ray Tomblin, Governor

Congress of the United States
Washington, DC 20515

June 17, 2015

The Honorable Sylvia Mathews Burwell
Secretary
U.S. Department of Health and Human Services
200 Independence Avenue, S.W.
Washington, D.C. 20201

Dear Secretary Burwell:

As Members of Congress, we write to call your attention to increasing evidence demonstrating a link between mountaintop removal (MTR) coal mining and elevated levels of disease, birth defects, and mortality in surrounding communities. We urge you to conduct or support, through the National Institute of Environmental Health Sciences, a comprehensive study on the health impacts of mountaintop removal coal mining on individuals residing near MTR coal mining sites.

In October 2014, a team of scientists from West Virginia University's Mary Babb Randolph Cancer Center released the first ever study showing a direct connection between mountaintop removal coal mining dust and increased lung cancer rates. While there has long been anecdotal evidence to support this conclusion, this is clear scientific evidence that MTR jeopardizes the health of coalfield residents.

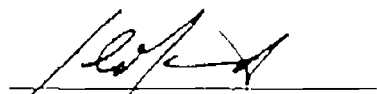
Another peer-reviewed study in *Environmental Science* found that communities near mountaintop removal mining sites showed elevated levels of birth defects – including circulatory and respiratory problems, and damage to the central nervous system, musculoskeletal and gastrointestinal systems – when compared with communities surrounding non-MTR mines.

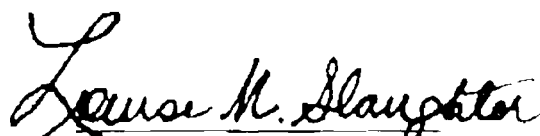
Additionally, an analysis in the academic journal *Science* found that in communities near mountaintop removal coal mining sites, “adult hospitalizations for chronic pulmonary disorders and hypertension are elevated as a function of county-level coal production, as are rates of mortality; lung cancer; and chronic heart, lung, and kidney disease. Health problems are for women and men, so effects are not simply a result of direct occupational exposure of predominantly male coal miners.”

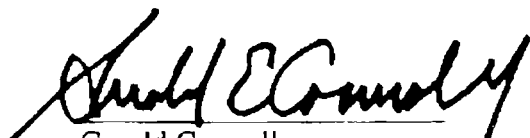
We believe the health impacts of MTR go far beyond the scope of these studies, which is why we urge you to conduct a comprehensive study into these outcomes. This is not just about filling a gap in public health information. Given the federal government's role in the approval of mountaintop removal permits, it is our responsibility to ensure that the

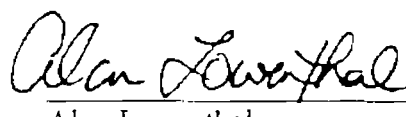
health consequences of this practice are fully known. The families in these communities deserve no less. Thank you for your consideration. We look forward to your response.

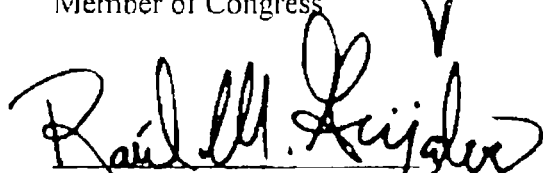
Sincerely,

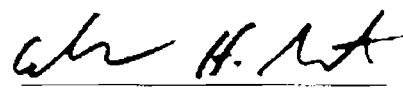

John Yarmuth
Member of Congress

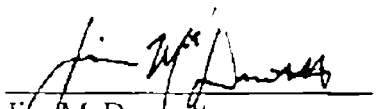

Louise Slaughter
Member of Congress

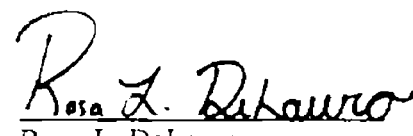

Gerald Connolly
Member of Congress

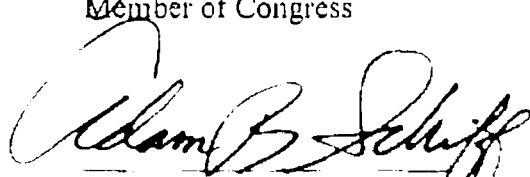

Alan Lowenthal
Member of Congress

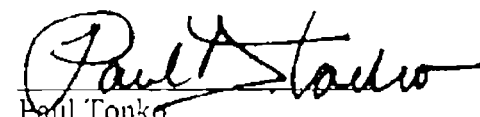

Raul Grijalva
Member of Congress



Eleanor Holmes Norton
Member of Congress


Jim McDermott
Member of Congress


Rosa L. DeLauro
Member of Congress


Adam Schiff
Member of Congress


Paul Tonko
Member of Congress


Michael M. Honda
Member of Congress

ISSUE: National Academy of Sciences (NAS) Cooperative Agreement S16AC20034

I. KEY POINTS

On August 1, 2016, the Office of Surface Mining Reclamation and Enforcement (OSMRE) entered into a two-year cooperative agreement with the National Academies of Sciences, Engineering and Medicine (NAS) to conduct a consensus study of the existing research relating to the correlation between living in close proximity to surface coal mining operations and increased health risks. NAS assembled a volunteer, ad-hoc committee, of eleven members with expertise in epidemiology, environmental health, coal mining methodologies and coal mining regulations to conduct the study. On August 18, 2017, OSMRE and NAS agreed to cease all activities under the cooperative agreement, effective immediately, and until further notice. This pause will allow the Department of Interior to conduct an agency-wide review of its grants and cooperative agreements in excess of \$100,000, largely as a result of its changing budget situation. Since this decision was only three days before NAS was scheduled to host its fourth and final informational gathering public meeting, NAS was allowed to proceed with the three-day event in Kentucky, as planned, and as an exception to this direction.

II. OPPORTUNITIES AND CHALLENGES

The NAS, in conducting the consensus study, is evaluating existing research relevant to the determination of whether living in close proximity to surface coal mining, results or does not result, in a direct correlation with increased health risks. In order to make this determination, NAS will obtain all relevant existing research documents, studies, and findings; evaluate the scientific methods used; and review the conclusions reached. NAS will produce its findings on whether or not there is a demonstrated direct correlation between living in proximity to surface coal mining operations and increased health risks.

NAS will provide briefings of its findings to Congress and OSMRE, as well as a meeting to disseminate its findings to the general public. A potential challenge would be [REDACTED]

[REDACTED]
S

III. BACKGROUND

Following the publication of over 20 papers by West Virginia University's Dr. Michael Hendryx which found that there are increased health problems for citizens living in close proximity of mountain top removal mines, Dr. Jonathan Borak, of Yale University, published a paper contradicting those findings based on his conclusion that coal mining is not per se an independent risk factor for increased mortality in Appalachia.

In June of 2015, eleven members of Congress requested that the Secretary of the U.S. Department of Health and Human Services (HHS) investigate the correlation between surface coal mining and the apparent increased health risks to those citizens living in close proximity to surface coal mining operations, as was identified in the "Hendryx" papers. This

resulted in the West Virginia Bureau for Public Health meeting with HHS employees from the Centers for Disease Control and Prevention, the National Institute of Environmental Health Sciences and the Agency for Toxic Substances and Disease Registry, regarding the two studies. While the West Virginia Bureau of Public Health was seeking assistance for answers, the West Virginia Department of Environmental Protection (DEP) requested assistance from OSMRE.

In February 2016, OSMRE staff began coordination of a project in response to West Virginia DEP's request. In August 2016, OSMRE entered into a cooperative agreement with the NAS to conduct the study. The formal title of the NAS study is Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia. The \$1 million¹ study is being conducted by the NAS over a two-year period, and was expected to conclude in August of 2018. The NAS committee has held four meetings to date. Each of these meetings included open sessions to allow the public to participate in the process. Of the four meetings, two were located in central Appalachia and two were located at NAS's office in Washington, DC (March 7, 2017 and July 11, 2017). The central Appalachia meetings were held in Logan, West Virginia (May 23, 2017) and Hazard, Kentucky (August 21, 2017). These locations were chosen for their proximity to surface coal mining operations in central Appalachia and to provide opportunities for local-citizen input and comment through evening town hall meetings. In each of these communities, the committee visited working coal mines and coal preparation facilities arranged by the state coal mining association and state officials. The four public meetings included presentations by staff from various public health and environmental agencies at the federal and state level, state coal mining associations, Dr. Michael Hendryx and members of academia from both sides of the issue, and environmental groups. In addition to the four public meetings, on August 15, 2017, NAS hosted an online webinar where Dr. Jonathan Borak presented his opposing research related to coal mining and human health, and then answered questions from committee members.

Through June 2017, NAS has drawn \$278K² of the cooperative agreement's total amount. Based upon previous billings for the months when public meetings were held by NAS, we expect the additional costs incurred for July and August of 2017 to increase the total drawdown to approximately \$428K.

IV. PREPARED BY: Harry Payne, Office of Surface Mining Reclamation and Enforcement, Chief, Division of Regulatory Support, 208-2895

DATE: August 28, 2017

¹ Total amount of award: \$1,003,553.00

² Total amount drawn through June 30, 2017: \$278,357.04 (July and August 2017 draw requests not received yet)

Date: August 28, 2017

Subject: Reinitiation of Endangered Species Act Section 7 Consultation

Background: On April 13, 2017, the Office of Surface Mining and Enforcement (OSMRE) requested reinitiation of formal programmatic consultation with the U.S. Fish and Wildlife Service (Service), on OSMRE's implementation of Title V of the Surface Mining Control and Reclamation Act (SMCRA). This reinitiation of consultation was triggered by the February 16, 2017, signing of a joint resolution, H.R. J. Res. 38, under the Congressional Review Act, 5 U.S.C. §§ 801 *et seq.*, which nullified OSMRE's recently enacted Stream Protection Rule (SPR). During this reinitiated consultation, OSMRE is relying upon the 1996 Biological Opinion and Conference Report (1996 BiOp) because the 2016 Biological Opinion is treated as if it had never taken effect.

In addition OSMRE and the Service are developing an MOU for the purpose of improving interagency coordination and cooperation under the existing regulatory environment to ensure that proposed, threatened, and endangered species are not jeopardized and proposed or designated critical habitats are not adversely modified for all permitting actions, where OSMRE, state regulatory authorities, or Tribes determine an action may affect proposed, threatened, or endangered species.

Status: OSMRE and the Service have established teams for completing consultation, including representatives from OSMRE management, OSMRE program staff, and the Office of the Solicitor (SOL). The OSMRE team completed an initial draft of the biological assessment (BA) and distributed the draft BA to the SOL for review. As of 8/28/2017 the OSMRE BA team completed revisions to address all SOL comments and distributed the draft for review within OSMRE. Next, [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

OSMRE and the Service met with IMCC member states in St. Louis on July 19 to discuss the Section 7 programmatic consultation process and the draft MOU. During this meeting, and a subsequent call on July 26, the State RAs expressed several concerns and objections to the need for a new Section 7 consultation on Title V of SMCRA; these concerns were further elaborated in an August 14, 2017, letter to the ASLMM. Some of their overarching concerns are as follows:

- "...the 'regulatory environment' now remains as it was prior to the promulgation of the SPR, which for us means that the 1996 BiOp is adequate and should remain in effect (as it is now during the pendency of the consultation process). It has simply not been demonstrated why the 1996 is inadequate other than a reference to unspecified 'new science'."
- Reliance on the science referenced in the 2016 SPR EIS is not legitimate given the nullification of the SPR as a result of the CRA. The States have concerns that provisions from the SPR might be reinstituted inappropriately through a new BiOp.
- "...it is critical for OSMRE and FWS to demonstrate exactly where the 1996 BiOp is insufficient or wanting."

- The 1996 BiOp has not been successfully challenged and therefore remains a legally defensible document for the purpose of providing incidental take coverage to the states and industry.

Regarding the draft MOU, the states provided constructive comments during the meeting and in an attachment to the August 14 letter, however they recommended that development of the MOU be suspended pending a review of the decision on moving forward with a formal Section 7 programmatic consultation on Title V of SMCRA.

OSMRE and the Service have been advised

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

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ISSUE: National Academy of Sciences (NAS) Cooperative Agreement S16AC20034

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United States Department of the Interior

OFFICE OF SURFACE MINING
RECLAMATION AND ENFORCEMENT
Washington, D.C. 20248



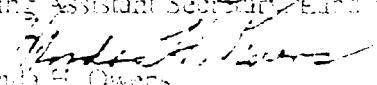
April 12, 2017

RUSH

Memorandum

To: Acting Deputy Secretary

Through: Katharine S. MacGregor
Acting Assistant Secretary for Mineral Management

From: 
Glenda H. Owens
Acting Director

Subject: Secretarial Memo – Managing Grants, Cooperative Agreements, and other Significant Decisions

In response to the Secretary's April 12, 2017 Memorandum, *Managing Grants, Cooperative Agreements, and other Significant Decisions*, the Office of Surface Mining Reclamation and Enforcement (OSMRE) submits the requested information on its planned FY 2017 cooperative agreements of \$100,000 or more. These cooperative agreements are for a number of actions. OSMRE's Semester Intern and AmeriCorps programs both support the Department's youth engagement efforts. Specifically, OSMRE AmeriCorps members work directly with OSMRE staff and gain professional experience in a federal agency. Projects range from water monitoring, community outreach, invasive species removal, reforestation to mapping and digitization, and working in career fields related to management of public lands and resources such as public policy and resource management, and more. The Acid Mine Drainage Technology Initiative is another initiative in support of the objectives of the Surface Mining Control and Reclamation Act (SMCRA) of 1977, as amended. It provides a forum for collaboration among stakeholders (e.g., academic institutes, states, Indian tribes, industry experts) to help in identifying, evaluating, and developing the "best science" practices with the goal of developing innovative solutions to mine drainage water-quality problems. In furtherance of the objectives of SMCRA to address abandoned mine lands and acid mine drainage (AMD) issues, the Watershed Cooperative Agreement Program makes funds available to local watershed organizations to undertake local projects to manage streams affected by AMD. The benefits include enhancing the amount of reclamation accomplished with limited AMD funds, while building capacity through long-term partnerships with local communities.

OSMRE currently has four cooperative agreements that meet the criteria of the Secretary's April 12th memo. However, other requests for funding may come in throughout the year.

Attachment

Office of Surface Mining Reclamation and Enforcement
Data on Fiscal Year 2017 Cooperative Agreement Awards
Planned Cooperative Agreements

Date Prepared: May 15, 2017

Name of Cooperative Agreement	Anticipated Award Date MMM/YY	CFDA Number	Purpose of Cooperative Agreement	Mandatory (Authority) or Discretionary	Current Priorities being addressed by the Cooperative Agreement	Flexibility to redirect funds Y/N	Source of Funds	Amount of Cooperative Agreement	Targeted Recipients/Awardees	Recipients/Awardees Location	Potential for Media Interest: High Medium Low
OSMRE Summer Intern Program	Jul 17	15-264	Direct Hiring Authority (DHA) established under Title 46 U.S.C. Sec. 1725(a), the Consolidated Appropriations Act of 2012, Public Law 112-74, and H.R. 20155. Division E Title 1 allows for an internship program that provides young people with an opportunity to assist the government working in career fields related to the management of public lands and resources such as environmental policy and management, historic and cultural resource management, public policy, natural resource management and resource protection. The Office of Surface Mining Reclamation and Enforcement (OSMRE) participates in this program.	Discretionary	Supports the Department of Interior's Secretary's Order (No. 3332) for Engaging the Next Generation and is part of the Government Performance and Modernization Act (GPMA) of 2010 (PL 111-352) performance measure that is reported annually.	Y	AMU Trust Fund	\$51,000 To be awarded in FY2017 \$50,000 was already awarded in FY2016 The total award will therefore exceed \$100,000.	Non-profit organizations	Nationwide program	Low
OSMRE AmeriCorps Program	Jul 17	15-264	Direct Hiring Authority (DHA) established under Title 46 U.S.C. Sec. 1725(a), the Consolidated Appropriations Act of 2012, Public Law 112-74, and H.R. 20155. Division E Title 1 allows for an internship program that provides young people with an opportunity to assist the government working in career fields related to the management of public lands and resources such as environmental policy and management, historic and cultural resource management, public policy, natural resource management and resource protection. The Office of Surface Mining Reclamation and Enforcement (OSMRE) participates in this program.	Discretionary	Supports the Department of Interior's Secretary's Order (No. 3332) for Engaging the Next Generation and is part of the Government Performance and Modernization Act (GPMA) of 2010 (PL 111-352) performance measure that is reported annually.	Y	AMU Trust Fund	\$615,000	Non-profit organizations	Nationwide program	Low
Andean Drainage Technology Exchange	Sept 17	15-264	To establish a forum for collaboration and information exchange with colleges and universities with the following goals: (a) To evaluate and develop best science practices to predict mine drainage patterns and (b) To develop innovative solutions to acid mine drainage water quality problems.	Discretionary	To address issues related to acid mine drainage using best management practices and developing innovative solutions.	Y	Reclamation Appropriation	\$200,000	College or University	Nationwide program	Low

Office of Surface Mining Reclamation and Enforcement
Data on Fiscal Year 2017 Cooperative Agreement Awards
Planned Cooperative Agreements

Date Prepared: May 15, 2017

Department of the Interior Bureau of Land Management	00-2017	00-2017	This project is to assist the region through the Watershed and Riparian Cooperative Agreement Program. The purpose of the Watershed Cooperative Agreement Program is to provide funds to eligible entities to assist non-profit organizations, especially local watershed organizations, to undertake local projects to control non point source and mine drainage in streams and rivers. The project is to assist the region through the Watershed and Riparian Cooperative Agreement Program. The purpose of the Watershed Cooperative Agreement Program is to provide funds to eligible entities to assist non-profit organizations, especially local watershed organizations, to undertake local projects to control non point source and mine drainage in streams and rivers. The project is to assist the region through the Watershed and Riparian Cooperative Agreement Program. The purpose of the Watershed Cooperative Agreement Program is to provide funds to eligible entities to assist non-profit organizations, especially local watershed organizations, to undertake local projects to control non point source and mine drainage in streams and rivers.	Discretionary	To address adverse water quality conditions related to past mining activity, to assist in the development of a watershed plan that can provide beneficial uses such as wildlife habitat, fisheries and recreational opportunities for local communities.	11	AML Trust Fund	\$60,000 To be awarded in FY 2017 \$47,500 was already awarded in FY 2017. Therefore, the total amount will be \$100,000.	Black High Branch Garden is a non-profit organization	Pennsylvania	High
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DECISION

APPROVE

DISAPPROVE

James E. Casner

6/22/17

590 Deputy Secretary

Date

Conversation Contents

Halt Letter to NAS

Attachments:

/11. Halt Letter to NAS/1.1 NAS Cooperative Agreement Suspension Letter-Eide.rev2.docx

"Norman, Yolande" <ynorman@osmre.gov>

From: "Norman, Yolande" <ynorman@osmre.gov>
Sent: Fri Aug 18 2017 12:47:24 GMT-0600 (MDT)
To: "Glenda H. Owens" <gowens@osmre.gov>, "Rideout, Sterling" <srideout@osmre.gov>
CC: Yolande Norman <ynorman@osmre.gov>, Harry Payne <hpayne@osmre.gov>, Yetunde Richardson <yrichardson@osmre.gov>
Subject: Halt Letter to NAS
Attachments: NAS Cooperative Agreement Suspension Letter-Eide.rev2.docx

Good afternoon Glenda,

Attached is the draft letter to Elizabeth Eide. In accordance with the DOI formal correspondence we will do 2 separate replica letters to the other NAS POCs.

- Elizabeth Eide
- Douglas Dennis
- David Westbrooke

(Yetunde Richardson is formalizing the hard copy package and will be available to complete all the necessary edits).

Yolande

--

Yolande J.C. Norman
Chief, Reclamation Support Division
Program Support Directorate
Department of Interior
Office of Surface Mining Reclamation & Enforcement
1951 Constitution Ave, N.W.
South Interior Building, Room 121
Washington DC, 20240
Tele: (202) 208-2868
Email: ynorman@osmre.gov

"Owens, Glenda" <gowens@osmre.gov>

From: "Owens, Glenda" <gowens@osmre.gov>
Sent: Fri Aug 18 2017 13:03:08 GMT-0600 (MDT)
To: "Norman, Yolande" <ynorman@osmre.gov>

CC: "Rideout, Sterling" <srideout@osmre.gov>, Harry Payne
<hpayne@osmre.gov>, Yetunde Richardson
<yrichardson@osmre.gov>
Subject: Re: Halt Letter to NAS

Yolande,

Thanks for providing this draft letter, however, the attorney from the Solicitor's Office who sat in on the call I had with Elizabeth Eide is drafting the letter based on our conversation with her. I'll be signing the letter. I am expecting him to send the letter over in draft later this afternoon for my review. Elizabeth gave me the name of two individuals, one of them was her direct supervisor, to whom we should send the letter. I'll let you know when I receive it.

Thanks,
Glenda

On Fri, Aug 18, 2017 at 2:47 PM, Norman, Yolande <ynorman@osmre.gov> wrote:
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(F) 202-219-3106
gowens@osmre.gov

"Norman, Yolande" <ynorman@osmre.gov>

From: "Norman, Yolande" <ynorman@osmre.gov>
Sent: Fri Aug 18 2017 13:09:39 GMT-0600 (MDT)
To: "Owens, Glenda" <gowens@osmre.gov>
"Rideout, Sterling" <srideout@osmre.gov>, Harry Payne

CC: <hpayne@osmre.gov>, Yetunde Richardson
<yrichardson@osmre.gov>

Subject: Re: Halt Letter to NAS

Thanks for the update Glenda.

On Fri, Aug 18, 2017 at 3:03 PM, Owens, Glenda <gowens@osmre.gov> wrote:
Yolande,

Thanks for providing this draft letter, however, the attorney from the Solicitor's Office who sat in on the call I had with Elizabeth Eide is drafting the letter based on our conversation with her. I'll be signing the letter. I am expecting him to send the letter over in draft later this afternoon for my review. Elizabeth gave me the name of two individuals, one of them was her direct supervisor, to whom we should send the letter. I'll let you know when I receive it.

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Conversation Contents

Bullets on NAS Cooperative Agreement - Path forward

Attachments:

/12. Bullets on NAS Cooperative Agreement - Path forward/1.1 NAS.Update.docx
/12. Bullets on NAS Cooperative Agreement - Path forward/4.1
NAS.Update.rev.08.18.17.docx
/12. Bullets on NAS Cooperative Agreement - Path forward/5.1
NAS.Update.rev.08.18.17.FINAL.docx
/12. Bullets on NAS Cooperative Agreement - Path forward/8.1
NAS.Update.rev.08.18.17.FINAL.rev.1.docx

"Norman, Yolande" <ynorman@osmre.gov>

From: "Norman, Yolande" <ynorman@osmre.gov>
Sent: Thu Aug 17 2017 15:04:55 GMT-0600 (MDT)
To: "Glenda H. Owens" <gowens@osmre.gov>
Harry Payne <hpayne@osmre.gov>, "Rideout, Sterling"
CC: <srideout@osmre.gov>, Yolande Norman
<ynorman@osmre.gov>
Subject: Bullets on NAS Cooperative Agreement - Path forward
Attachments: NAS.Update.docx

Good afternoon Glenda,

The information that you requested (I have also attached a WORD version):

Path forward

(b)(5) Deliberative Process



Yolande J.C. Norman
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"Owens, Glenda" <gowens@osmre.gov>

From: "Owens, Glenda" <gowens@osmre.gov>
Sent: Thu Aug 17 2017 16:47:58 GMT-0600 (MDT)
To: "Norman, Yolande" <ynorman@osmre.gov>
CC: Harry Payne <hpayne@osmre.gov>, "Rideout, Sterling" <srideout@osmre.gov>
Subject: Re: Bullets on NAS Cooperative Agreement - Path forward

Yolande - thank you so much for pulling this info together so quickly.

I have a couple of questions before we share with ASLM. Please give me buzz in the morning. I should be in by 8:30.
Thanks again.

Glenda

On Thu, Aug 17, 2017 at 5:04 PM, Norman, Yolande <ynorman@osmre.gov> wrote:

Good afternoon Glenda,

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"Norman, Yolande" <ynorman@osmre.gov>

From: "Norman, Yolande" <ynorman@osmre.gov>
Sent: Fri Aug 18 2017 04:04:29 GMT-0600 (MDT)
To: "Owens, Glenda" <gowens@osmre.gov>
CC: Harry Payne <hpayne@osmre.gov>, "Rideout, Sterling" <srideout@osmre.gov>
Subject: Re: Bullets on NAS Cooperative Agreement - Path forward

Will do.

On Thu, Aug 17, 2017 at 6:47 PM, Owens, Glenda <gowens@osmre.gov> wrote:
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"Norman, Yolande" <ynorman@osmre.gov>

From: "Norman, Yolande" <ynorman@osmre.gov>
Sent: Fri Aug 18 2017 06:26:32 GMT-0600 (MDT)
To: "Owens, Glenda" <gowens@osmre.gov>
CC: Harry Payne <hpayne@osmre.gov>, "Rideout, Sterling" <srideout@osmre.gov>
Subject: Re: Bullets on NAS Cooperative Agreement - Path forward
Attachments: NAS.Update.rev.08.18.17.docx

Glenda,

Please I had to update the attachment because a draw occurred on 08/14/17 which we picked up on our spool.

I have also added a simplified chart to show the draws.

On Fri, Aug 18, 2017 at 6:04 AM, Norman, Yolande <ynorman@osmre.gov> wrote:
Will do.

On Thu, Aug 17, 2017 at 6:47 PM, Owens, Glenda <gowens@osmre.gov> wrote:
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"Norman, Yolande" <ynorman@osmre.gov>

From: "Norman, Yolande" <ynorman@osmre.gov>
Sent: Fri Aug 18 2017 09:54:59 GMT-0600 (MDT)
To: "Owens, Glenda" <gowens@osmre.gov>, "Rideout, Sterling" <srideout@osmre.gov>
Harry Payne <hpayne@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>, Yolande Norman <ynorman@osmre.gov>
CC:
Subject: Re: Bullets on NAS Cooperative Agreement - Path forward
Attachments: NAS.Update.rev.08.18.17.FINAL.docx

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[Email: ynorman@osmre.gov](mailto:ynorman@osmre.gov)

Harry Payne <hpayne@osmre.gov>

From: Harry Payne <hpayne@osmre.gov>
Sent: Fri Aug 18 2017 10:01:27 GMT-0600 (MDT)
To: "Norman, Yolande" <ynorman@osmre.gov>
Subject: Re: Bullets on NAS Cooperative Agreement - Path forward

Yolande, the [REDACTED] needs revised

Sent from my iPhone

On Aug 18, 2017, at 11:55 AM, Norman, Yolande <ynorman@osmre.gov> wrote:

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<NAS.Update.rev.08.18.17.FINAL.docx>

Harry Payne <hpayne@osmre.gov>

From: Harry Payne <hpayne@osmre.gov>
Sent: Fri Aug 18 2017 10:03:22 GMT-0600 (MDT)
To: "Norman, Yolande" <ynorman@osmre.gov>
Subject: Re: Bullets on NAS Cooperative Agreement - Path forward

Actually the bullet before the last seems to be left over and can be deleted

Sent from my iPhone

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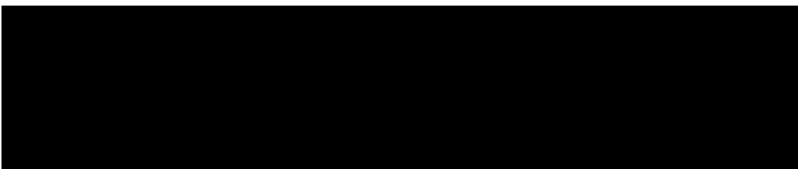
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<NAS.Update.rev.08.18.17.FINAL.docx>

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From: "Norman, Yolande" <ynorman@osmre.gov>
Sent: Fri Aug 18 2017 10:06:01 GMT-0600 (MDT)
To: "Owens, Glenda" <gowens@osmre.gov>, "Rideout, Sterling" <srideout@osmre.gov>
CC: Harry Payne <hpayne@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>, Yolande Norman <ynorman@osmre.gov>
Subject: Re: Bullets on NAS Cooperative Agreement - Path forward
Attachments: NAS.Update.rev.08.18.17.FINAL.rev.1.docx

Harry caught 1 error which I highlighted in the text.



the tabulation remains correct.

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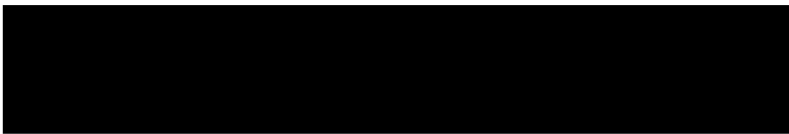
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"Rideout, Sterling" <srideout@osmre.gov>, Harry Payne
<hpayne@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>, Joshua Rockwell <jrockwell@osmre.gov>
CC:
Subject: Re: Bullets on NAS Cooperative Agreement - Path forward

Yes, I saw that. Thanks for correcting the document.

On Fri, Aug 18, 2017 at 12:06 PM, Norman, Yolande <ynorman@osmre.gov> wrote:
Harry caught 1 error which I highlighted in the text.



the tabulation remains correct.

On Fri, Aug 18, 2017 at 11:54 AM, Norman, Yolande <ynorman@osmre.gov> wrote:
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A large black rectangular redaction box covering the majority of the lower half of the page, starting below the 'Path forward' header.

Yolande J.C. Norman
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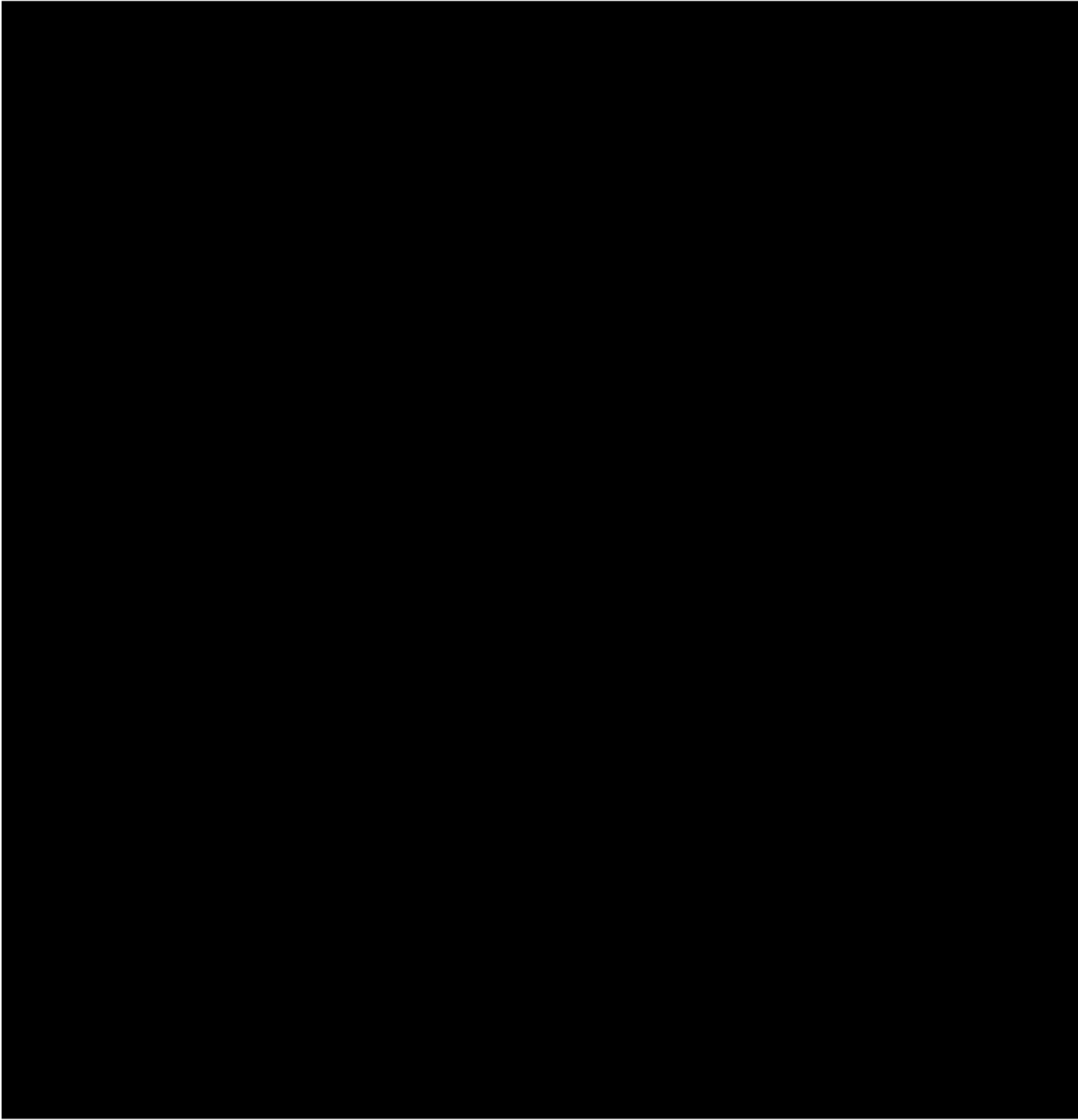
--

Glenda H. Owens
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(F) 202-219-3106
gowens@osmre.gov

Timeline for the NAS cooperative Agreement

- ❖ National Academies of Sciences, Engineering and Medicine (NAS) entered into a Cooperative Agreement with the Office of Surface Mining Reclamation and Enforcement (OSMRE). The study is entitled “Potential Human Health Effects of Surface Coal Mining Operations in Central Appalachia”.
- ❖ NAS proposal for the study submitted in June 2016 identified the following Points of Contacts in their SF425- GRANT APPLICATION
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 - OSMRE's Program Officer - Michael Kuhn is identified as the program officer to conduct program reviews and monitor deliverables in the formal notification of the award to the recipient.
- ❖ Award Amount as of August 1, 2016: \$1,003,553.00
 - As of August 18, 2017, the following is the current status of the award amount
 - \$251,284.12 - Drawdowns approved by OSMRE and paid to NAS for the period 07/22/16-06/30/17. *Last drawdown occurred on 06/30/17 in the amount of \$75,919.51.*
 - \$752,268.88 - Remain available to be expended by NAS.
 - Period of Performance/Monitoring Statements
 - 4th Quarter FY16 – August 1, 2016 – September 30, 2016.
 - 1st Quarter FY17 – October 1, 2016- December 31, 2016. OSMRE reviewed and approved drawdowns incurred during this period.
 - 2nd Quarter – January 1, 2017 – March 31, 2017 – Monitoring statements reviewed and approved by OSMRE. No issues. Invoices incurred during this period were paid.
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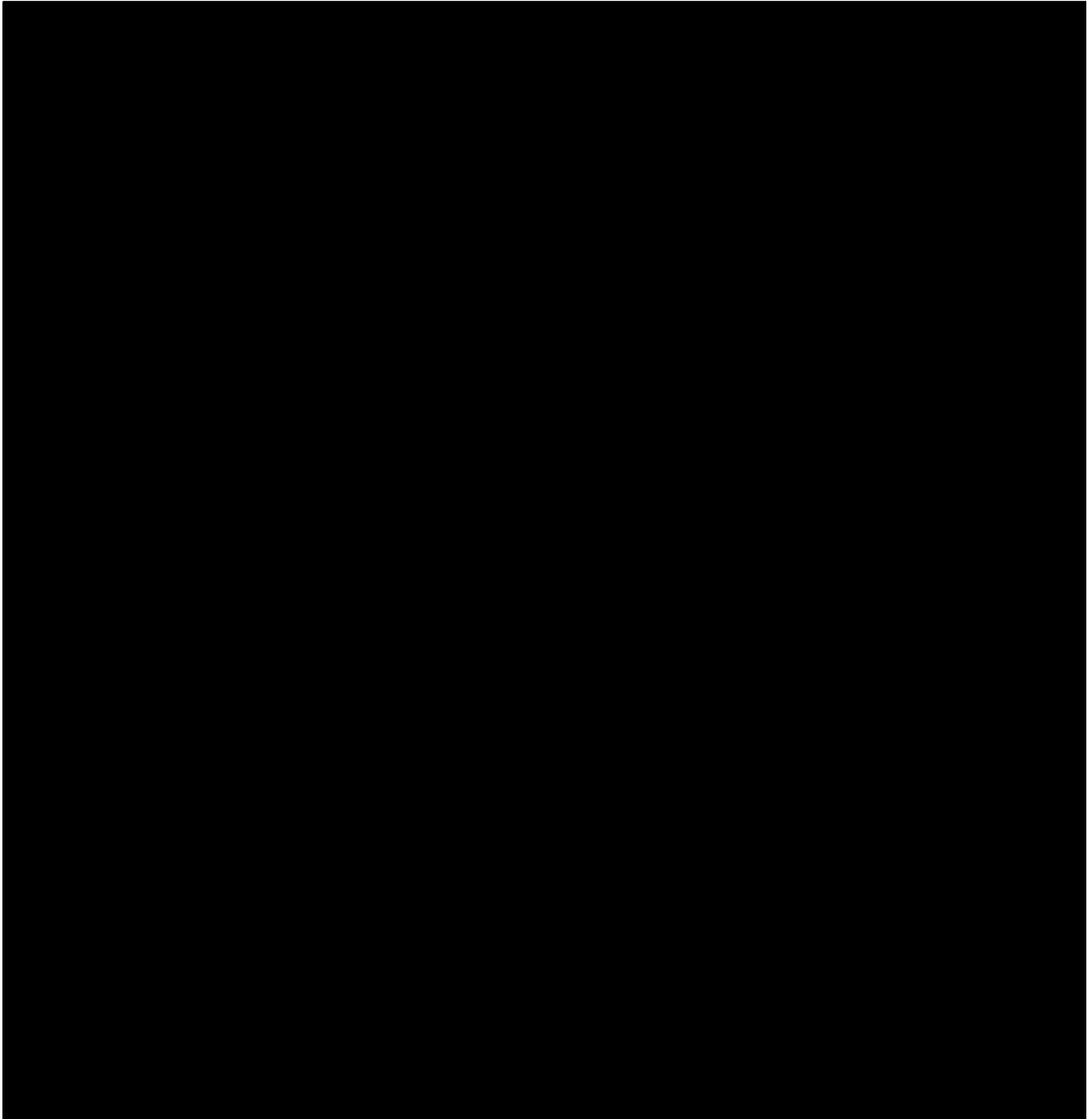
Path forward



Timeline for the NAS cooperative Agreement

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 - \$725,195.96 - Remain available to be expended by NAS.
 - Period of Performance/Monitoring Statements
 - 4th Quarter FY16 – August 1, 2016 – September 30, 2016.
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Drawdowns as of 8/17/17:

Draw Date	Awards	Draws	Balance
07/22/2016	\$ 1,003,553.00		\$ 1,003,553.00
09/26/2016		\$ 706.38	\$ -706.38
11/03/2016		\$ 9,428.70	\$ -9,428.70

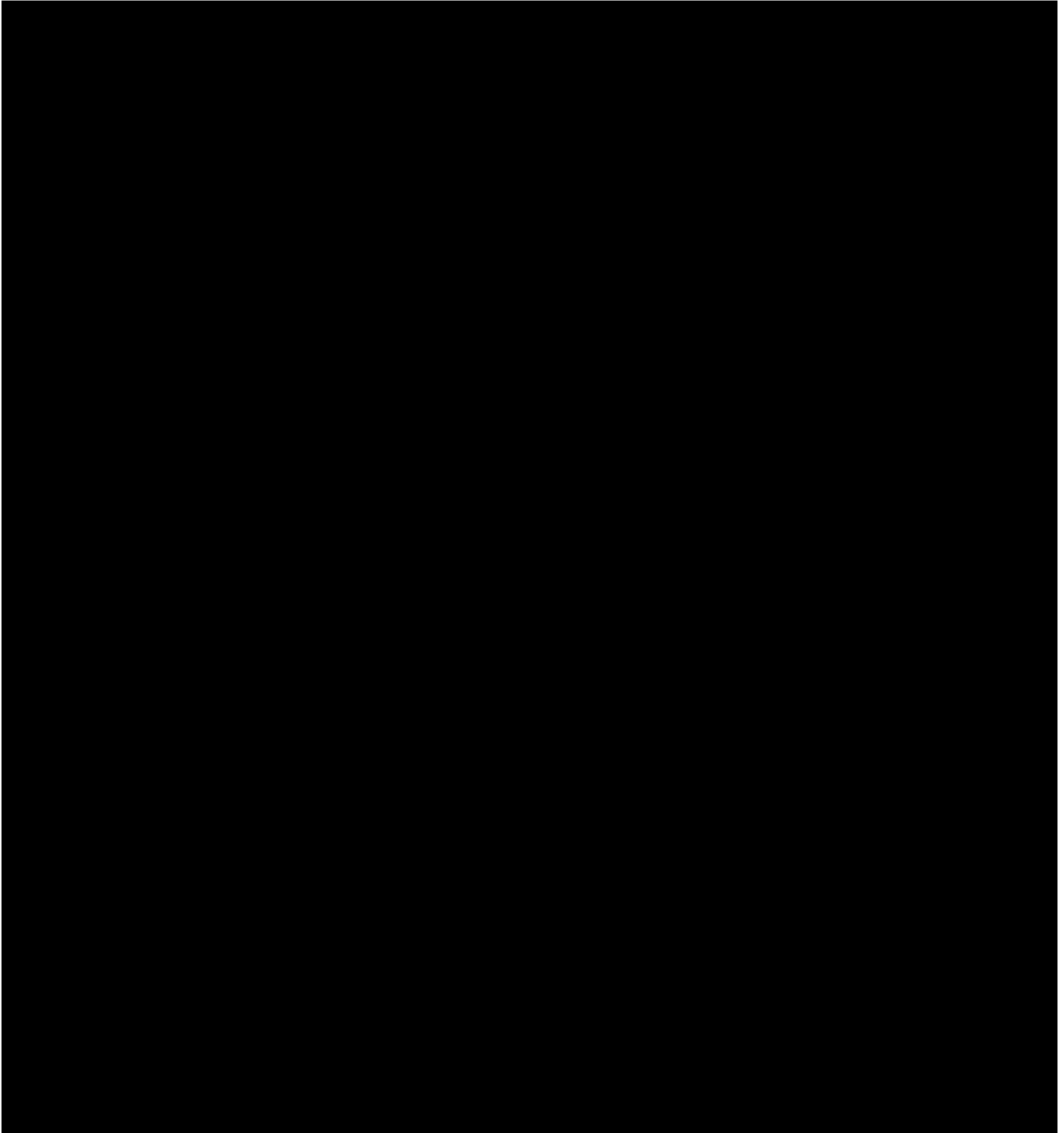
12/27/2016		\$ 17,771.11	\$ -17,771.11
01/12/2017		\$ 22,204.08	\$ -22,204.08
02/07/2017		\$ 22,748.28	\$ -22,748.28
03/08/2017		\$ 15,071.02	\$ -15,071.02
04/24/2017		\$ 57,448.05	\$ -57,448.05
05/22/2017		\$ 29,986.99	\$ -29,986.99
06/30/2017		\$ 75,919.51	\$ -75,919.51
08/14/2017		\$ 27,072.92	\$ -27,072.92
SUBTOTAL		\$ 278,357.04	\$ 725,195.96
As of 08/17/2017	\$ 1,003,553.00	EXPENDED	REMAINING
07/01/2017 - 08/23/2017*	Estimated amount of nvoices expected	\$ 450,000*	\$ -450,000*
TOTAL	\$ 1,003,553.00	\$ 728,357.04	\$ 275,195.96
Study Halted on 08/23/17 at 8.01pm EST	ORIGINAL AWARD	PROJECTED EXPENDITURE AFTER 08/23/17	PROJECTED AMOUNT REMAINING AFTER 08/23/17

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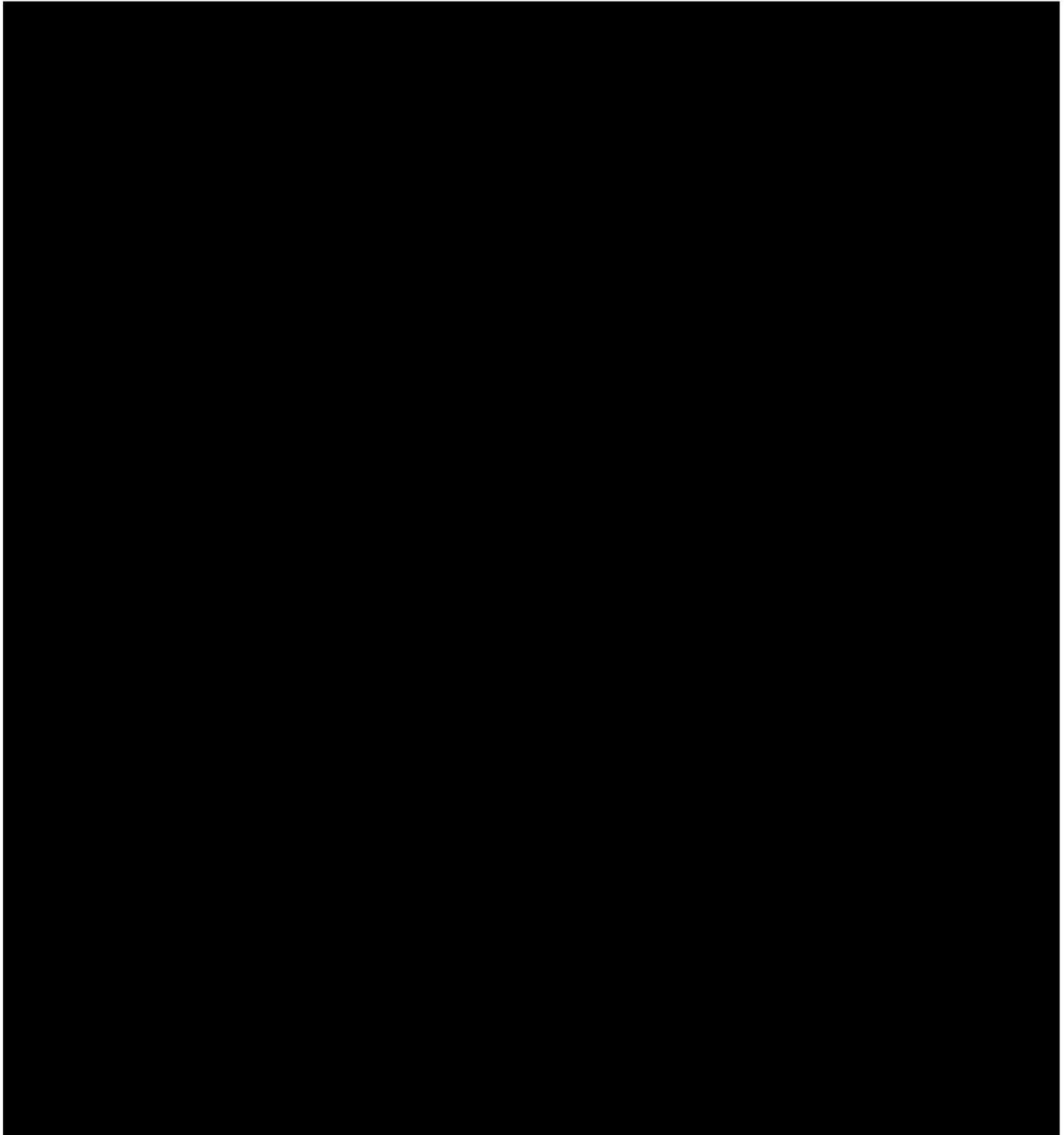
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As of 08/14/2017		EXPENDED	REMAINING
As of 08/18/17 - SAME			
07/01/2017 - 08/23/2017*	Estimated* amount of invoices expected July 2017 Meeting in DC (2 day public meeting) - \$53,000* August 15 th Webinar -(1.5 hours) - \$15000* August 2017 Meeting in Kentucky (2 day public meeting) - \$76,000*)	\$ 150,000*	\$ -150,000*
TOTAL*PROJECTED	\$ 1,003,553.00	\$ 428,357.04	\$ 575,195.96
Study Halted on 08/23/17 at 5.00pm EST	ORIGINAL AWARD	PROJECTED EXPENDITURE AFTER 08/23/17	PROJECTED BALANCE REMAINING AFTER 08/23/17

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Conversation Contents

Fwd: Memorandum on Managing Grants, Cooperative Agreements, and Other Significant Decisions

Attachments:

/13. Fwd: Memorandum on Managing Grants, Cooperative Agreements, and Other Significant Decisions/1.1 Zinke Grants Coop Agreements (1).pdf

/13. Fwd: Memorandum on Managing Grants, Cooperative Agreements, and Other Significant Decisions/2.1 Zinke Grants Coop Agreements (1).pdf

"Trelease, John" <jtrelease@osmre.gov>

From: "Trelease, John" <jtrelease@osmre.gov>
Sent: Wed Apr 19 2017 07:50:21 GMT-0600 (MDT)
To: "Payne, Harry" <hpayne@osmre.gov>
Subject: Fwd: Memorandum on Managing Grants, Cooperative Agreements, and Other Significant Decisions
Attachments: Zinke Grants Coop Agreements (1).pdf

FYI -

I hope Records of Decisions do not include NEPA RODs.

John

John A. Trelease
Office of Surface Mining Reclamation and Enforcement
(202) 208-2783
(202) 208-7126 - ASLM Office

----- Forwarded message -----

From: **Cardinale, Richard** <richard_cardinale@ios.doi.gov>
Date: Wed, Apr 19, 2017 at 9:35 AM
Subject: Fwd: Memorandum on Managing Grants, Cooperative Agreements, and Other Significant Decisions
To: Michael Nedd <mnedd@blm.gov>, Walter Cruickshank <walter.cruickshank@boem.gov>, Glenda Owens <gowens@osmre.gov>, Margaret Schneider <margaret.schneider@bsee.gov>
Cc: Katharine Macgregor <katharine_macgregor@ios.doi.gov>, Shannon Stewart <scstewar@blm.gov>, Emily Lindow <emily.lindow@boem.gov>, "Lillie, Thomas" <thomas.lillie@bsee.gov>, "Trelease, John" <jtrelease@osmre.gov>, "Joseph (Gene) Seidlitz" <gseidlitz@blm.gov>, "Moran, Jill" <jcmoran@blm.gov>, Troy Ezell <troy.ezell@boem.gov>, BSEE <ryan.underwood@bsee.gov>

All,

Attached please find a memo and templates from the Secretary concerning new processes applicable to the awarding of grants and the issuance of Records of Decisions and other significant events.

Rich

----- Forwarded message -----

From: **Holley, Amy** <amy_holley@ios.doi.gov>

Date: Tue, Apr 18, 2017 at 6:55 PM

Subject: Fwd: Memorandum on Managing Grants, Cooperative Agreements, and Other Significant Decisions

To: Maureen Foster <maureen_foster@ios.doi.gov>, Richard Cardinale <Richard_Cardinale@ios.doi.gov>, "Rae, Kerry L" <Karen_Rae@ios.doi.gov>, Sarah Walters <sarah_walters@ios.doi.gov>, Pula Nikolao <Nikolao_Pula@ios.doi.gov>, Marc Smith <marc.smith@sol.doi.gov>, Travis Trueblood <travis_trueblood@ost.doi.gov>

All:

Please see attached and feel free to share with your counterparts in your bureaus.

"Payne, Harry" <hpayne@osmre.gov>

From: "Payne, Harry" <hpayne@osmre.gov>
Sent: Thu Apr 20 2017 05:47:49 GMT-0600 (MDT)
To: Cecil Slaughter <cslaughter@osmre.gov>
CC: Sterling Rideout <srideout@osmre.gov>, Adrienne Alsop <aalsop@osmre.gov>
Subject: Fwd: Memorandum on Managing Grants, Cooperative Agreements, and Other Significant Decisions
Attachments: Zinke Grants Coop Agreements (1).pdf

Looks like another step in our ADTI grants process ... hopefully this won't delay the process too long.

----- Forwarded message -----

From: **Trelease, John** <jtrelease@osmre.gov>

Date: Wed, Apr 19, 2017 at 9:50 AM

Subject: Fwd: Memorandum on Managing Grants, Cooperative Agreements, and Other Significant Decisions

To: "Payne, Harry" <hpayne@osmre.gov>

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John A. Trelease
Office of Surface Mining Reclamation and Enforcement
(202) 208-2783
(202) 208-7126 - ASLM Office

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All:

Please see attached and feel free to share with your counterparts in your bureaus.

--

Harry J. Payne

Chief, Division of Regulatory Support
Office of Surface Mining Reclamation and Enforcement
1951 Constitution Ave, NW
Mail Stop 203
Washington, DC 20240
202-208-2895



THE SECRETARY OF THE INTERIOR
WASHINGTON

APR 12 2017

Memorandum

To: Assistant Secretaries
Hheads of Bureaus and Office Directors

From: Secretary

Subject: Managing Grants, Cooperative Agreements, and Other Significant Decisions

A hallmark of my management of the Department of the Interior (Department) will be empowering local managers to make responsible decisions. Local managers are closest to the public we serve and to the precious resources we manage on their behalf. I also have a duty to learn about the Department's operations as I take the helm of the ship. Only by understanding the varied operations will I be able to lead this great Department in fulfilling its important mission on behalf of the American people.

The Department annually distributes \$5.5 billion in grants and cooperative agreements to a variety of grantees and cooperators to advance mission objectives. In order to help me to understand the immense impact grants and cooperative agreements have on the mission delivery of the Department, I am directing implementation of the following temporary procedures for processing grants and cooperative agreements:

Effective immediately, bureau heads and office directors will use the attached template to report all planned Fiscal Year (FY) 2017 grants and cooperative agreements of \$100,000 or more before final award. The reports should be submitted through the Assistant Secretaries to Mr. James Cason, who has been delegated the authority of the Deputy Secretary. The Office of Acquisition and Property Management will assist Mr. Cason in reviewing these reports. No grants should be awarded until the review has been completed. You will be notified about your clearance to proceed with awards following this review.

In addition, to better assess the overall functioning of the Department's critical programs:

Each bureau head and office director shall ensure that their office obtains proposed records of decisions (RODs) and uses the attached template to report on proposed decisions prior to issuance. Proposed decisions that are not termed "ROD" but have nationwide, regional, or statewide impact shall also be reported using the template. All reports should be submitted to Mr. Cason. A decision should not be issued until he has reviewed the report and provided clearance.

The above procedures are temporary and are being implemented to assist me in understanding how we make important decisions to advance the mission of the Department, assess how we are

aligning our grants and cooperative agreements to Department priorities, and to assure coordination with the Office of Communications for significant announcements. The review and processing of grants, cooperative agreements, and RODs will return to their regular order as soon as possible.

Attachments: Template for Data Call on FY 2017 Grants and Cooperative Agreement Awards
Template for Data Call on Proposed Records of Decision and Other Significant
Decision Documents

cc: James Cason
Acting Solicitor
DAS-BFPA
Director, PAM

Template for Data Call on Fiscal Year 2017 Grants and Cooperative Agreement Awards

The Department of the Interior leadership is establishing a new process, as of April 10, 2017, for reviewing all planned Fiscal Year (FY) 2017 grants and cooperative agreements of \$100,000 or more before final award. The purpose is to better understand priorities being addressed, opportunities for addressing new priorities, and for significant announcements. Please use the following template to provide information for each grant or cooperative agreement totaling \$100,000 or more to be awarded in FY 2017. Please submit the information to Mr. Jim Cason as you prepare grants and cooperative agreements for award, following clearance through bureau heads and assistant secretaries. You will be notified about clearance to proceed with awards following this review.

Information requested:

1. bureau or office
2. name of grant or cooperative agreement and anticipated issue date (month/year)
3. catalog of Federal domestic assistance (CFDA) number
4. purpose of grant or cooperative agreement
5. mandatory or discretionary nature of grant or cooperative agreement (if mandatory, cite authority)
6. current priorities being addressed by the grant or cooperative agreement
7. flexibility to direct grant or cooperative agreement to new priorities
8. source of funds
9. amount of grant or cooperative agreement and expected total value
10. targeted recipients/awardees
11. location of recipients/awardees
12. potential media interest

Template for Data Call on Proposed Records of Decision and Other Significant Decision Documents

Please use the following template to provide information for each proposed Record of Decision or other decision with nationwide, regional, or statewide impact. Please submit the completed information through your assistant secretary to Mr. Jim Cason. You will be notified of your clearance to proceed with issuance of a decision following the review.

Information requested:

1. bureau or office
2. title of document
3. one paragraph summary of proposed decision
4. need and deadline (if any) for issuance
5. positions of affected stakeholders
6. other relevant considerations



THE SECRETARY OF THE INTERIOR
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APR 12 2017

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2. title of document
3. one paragraph summary of proposed decision
4. need and deadline (if any) for issuance
5. positions of affected stakeholders
6. other relevant considerations

Conversation Contents

follow up to voicemail

Attachments:

/1. follow up to voicemail/1.1 image001.png
/1. follow up to voicemail/2.1 image001.png
/1. follow up to voicemail/3.1 image001.png

"Eide, Elizabeth" <EEide@nas.edu>

From: "Eide, Elizabeth" <EEide@nas.edu>
Sent: Mon Aug 28 2017 10:10:36 GMT-0600 (MDT)
To: "gowens@osmre.gov" <gowens@osmre.gov>
Subject: follow up to voicemail
Attachments: image001.png

Dear Glenda,

I realize that you're out of the office this week but when I spoke with your assistant, he said I might send you an email with my question? He also took note of my question.

I would be very grateful if you might be able to tell me approximately how long the review/pause for the project may be? I'm just thinking in general terms at the moment—on the order of weeks or months? I ask because we're working now to place our staff on temporary assignments while the pause is in effect and a bit of information about the duration of the pause would be helpful in terms of making those assignments as effectively as possible.

Many thanks in advance for any information you can provide,
Elizabeth

Elizabeth A. Eide, Ph.D.
Senior Board Director
Board on Earth Sciences and Resources
Water Science and Technology Board
The National Academies of Sciences, Engineering, and Medicine
500 Fifth St., NW
Washington, DC 20001
tel: 202 334 2392
Visit BESR at <http://dels.nas.edu/besr>
Visit CER at <http://dels.nas.edu/global/besr/CER>
Visit WSTB at <http://dels.nas.edu/wstb>
Visit the Roundtable at <http://nas-sites.org/uhrroundtable>
Twitter: @NASEM_Earth

Academies_2015e

Glenda Owens <gowens@osmre.gov>

From: Glenda Owens <gowens@osmre.gov>
Sent: Fri Sep 01 2017 16:28:01 GMT-0600 (MDT)
To: Glenda Owens <gowens@osmre.gov>
Subject: Fwd: follow up to voicemail
Attachments: image001.png

Sent from my iPad

Begin forwarded message:

From: "Eide, Elizabeth" <EEide@nas.edu>
Date: August 28, 2017 at 12:10:36 PM EDT
To: "gowens@osmre.gov" <gowens@osmre.gov>
Subject: follow up to voicemail

Dear Glenda,

I realize that you're out of the office this week but when I spoke with your assistant, he said I might send you an email with my question? He also took note of my question.

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Visit WSTB at <http://dels.nas.edu/wstb>
Visit the Roundtable at <http://nas-sites.org/uhroundtable>
Twitter: @NASEM_Earth

Academies_2015e

"Owens, Glenda" <gowens@osmre.gov>

From: "Owens, Glenda" <gowens@osmre.gov>
Sent: Tue Sep 05 2017 15:29:13 GMT-0600 (MDT)
Katharine MacGregor <katharine_macgregor@ios.doi.gov>,

To: "Richard_Cardinale@ios.doi.gov"
<Richard_Cardinale@ios.doi.gov>
BCC: "Owens, Glenda H." <gowens@osmre.gov>
Subject: Fwd: follow up to voicemail
Attachments: image001.png

FYI. I have not responded, but we should discuss, perhaps at our meeting on Thursday.

Glenda

----- Forwarded message -----

From: **Eide, Elizabeth** <EEide@nas.edu>
Date: Mon, Aug 28, 2017 at 12:10 PM
Subject: follow up to voicemail
To: "gowens@osmre.gov" <gowens@osmre.gov>

Dear Glenda,

I realize that you're out of the office this week but when I spoke with your assistant, he said I might send you an email with my question? He also took note of my question.

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Academies_2015e

--

Glenda H. Owens
Acting Director
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
(O) 202-208-4006
(F) 202-219-3106
gowens@osmre.gov

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United States Department of the Interior

OFFICE OF SURFACE MINING
RECLAMATION AND ENFORCEMENT
Washington, D.C. 20240



August 18, 2017

Sent via Email and Regular U.S. Mail

Elizabeth A. Eide, Ph.D.
Senior Board Director
Board on Earth Sciences and Resources
Water Science and Technology Board
The National Academies of Sciences, Engineering, and Medicine
500 Fifth St., NW
Washington, DC 20001
EEide@nas.edu

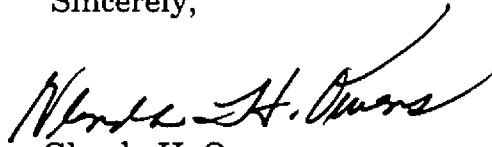
Dear Dr. Eide:

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As discussed, NAS has already scheduled, and funds have been obligated to specific vendors for, an event ranging from August 21 - 23, 2017. Because we do not expect these expenses to be excessive, this three day event may proceed as planned as an exception to this direction. As we further discussed, any later-resulting staff expenses associated with processing reimbursements related to the work occurring during those same three days, which we expect to be relatively minimal, e.g., travel reimbursements, also may be incurred.

Please feel free to call us with any additional questions you may have about this direction as we are performing our review.

Sincerely,

A handwritten signature in black ink, appearing to read "Glenda H. Owens", with a long, sweeping flourish extending from the end of the name.

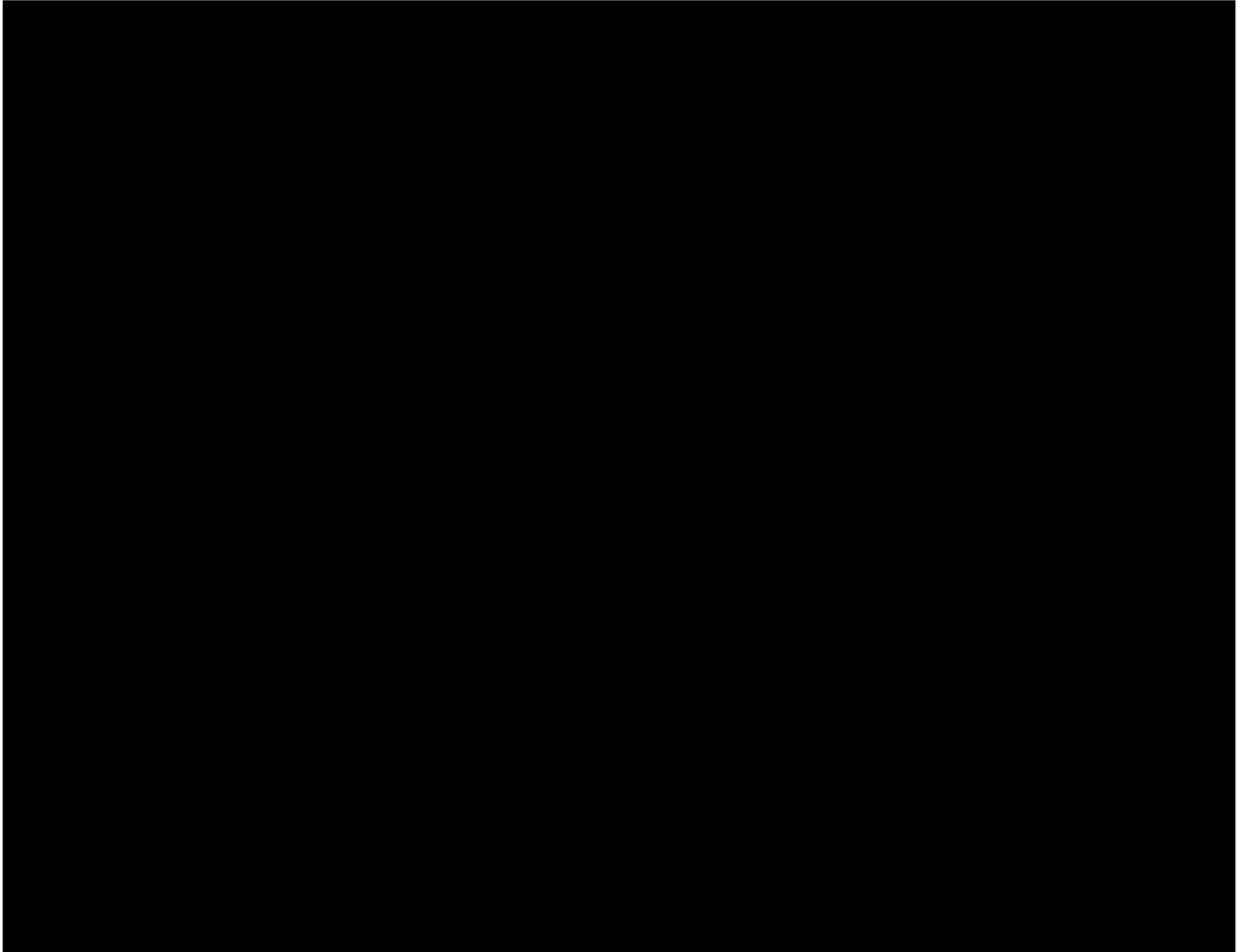
Glenda H. Owens
Acting Director

cc: Dr. Gregory Symmes, gsymmes@nas.edu
Mr. Douglas Denning, ddenning@nas.edu

August 21, 2017

OSMRE Letter to the National Academies of Sciences regarding Study

Proposed Talking Points:





United States Department of the Interior

OFFICE OF SURFACE MINING
RECLAMATION AND ENFORCEMENT
Washington, D.C. 20240



August 18, 2017

Sent via Email and Regular U.S. Mail

Elizabeth A. Eide, Ph.D.
Senior Board Director
Board on Earth Sciences and Resources
Water Science and Technology Board
The National Academies of Sciences, Engineering, and Medicine
500 Fifth St., NW
Washington, DC 20001
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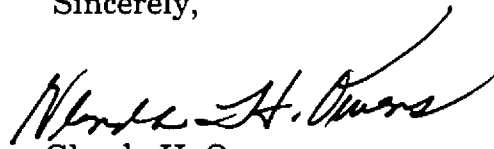
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Glenda H. Owens
Acting Director

cc: Dr. Gregory Symmes, gsymmes@nas.edu
Mr. Douglas Denning, ddenning@nas.edu



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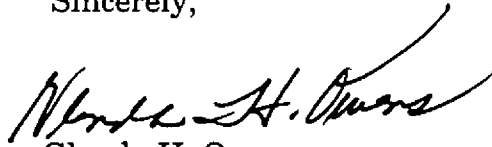
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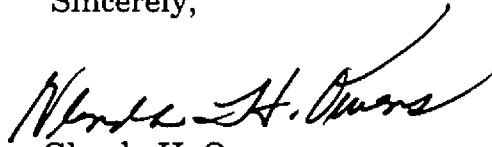
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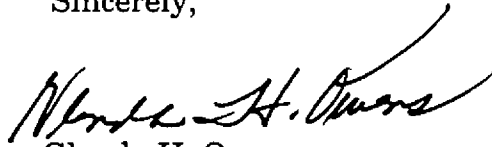
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Glenda H. Owens
Acting Director

cc: Dr. Gregory Symmes, gsymmes@nas.edu
Mr. Douglas Denning, ddenning@nas.edu

August 18, 2017

Sent via Email and Regular U.S. Mail

Elizabeth A. Eide, Ph.D.
Senior Board Director
Board on Earth Sciences and Resources
Water Science and Technology Board
The National Academies of Sciences, Engineering, and Medicine
500 Fifth St., NW
Washington, DC 20001
EEide@nas.edu

Dear Dr. Eide,

(b)(5) Deliberative Process



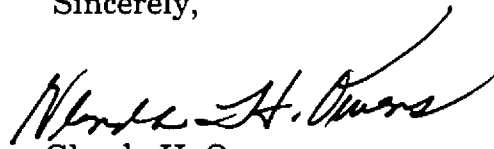
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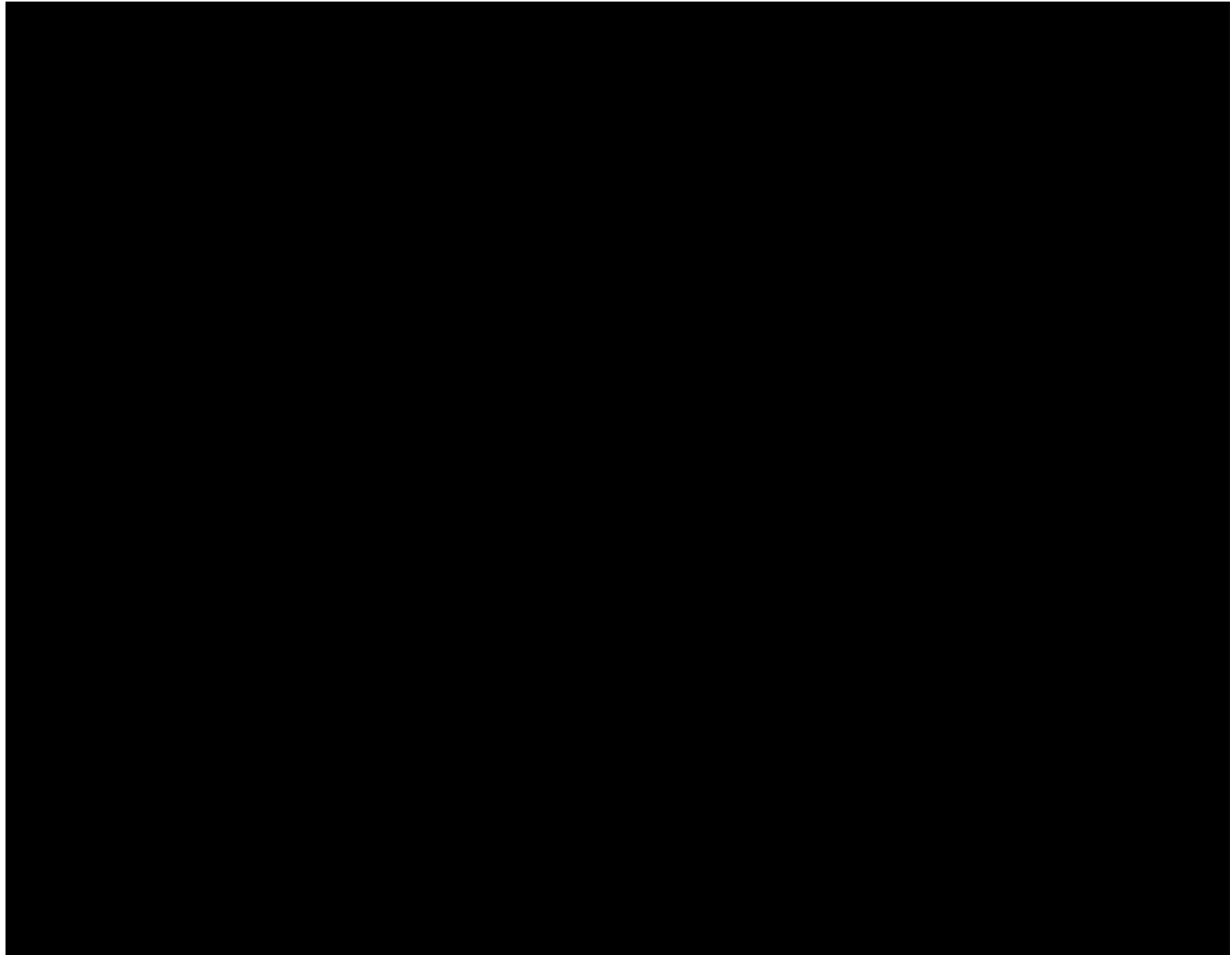
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August 21, 2017

OSMRE Letter to the National Academies of Sciences regarding Study

Proposed Talking Points:



Conversation Contents

Fwd: link to our statement

Attachments:

/1. Fwd: link to our statement/9.1 NAS Halt Letter - 8-18-17.pdf

/1. Fwd: link to our statement/9.2 OSMRE Pause of National Academies of Sciences Study -TPs - 08-21-17 (1).docx

/1. Fwd: link to our statement/10.1 NAS Halt Letter - 8-18-17.pdf

/1. Fwd: link to our statement/10.2 OSMRE Pause of National Academies of Sciences Study -TPs - 08-21-17 (1).docx

"Holmes, Christopher" <cholmes@osmre.gov>

From: "Holmes, Christopher" <cholmes@osmre.gov>
Sent: Mon Aug 21 2017 09:54:56 GMT-0600 (MDT)
To: Glenda Owens <gowens@osmre.gov>
Subject: Fwd: link to our statement

----- Forwarded message -----

From: **Kearney, William** <WKearney@nas.edu>
Date: Mon, Aug 21, 2017 at 11:53 AM
Subject: link to our statement
To: "msimpson@osmre.gov" <msimpson@osmre.gov>, "Holmes, Christopher (cholmes@osmre.gov)" <cholmes@osmre.gov>

Here's our statement. I've begun to let handful of reporters in WV and KY know. I imagine you'll get call shortly. Let me know if you want to chat. Bill.

<http://www8.nationalacademies.org/onpinews/newsitem.aspx?RecordID=8212017>

William Kearney
Executive Director
Office of News & Public Information
National Academies of Sciences, Engineering, and Medicine
500 5th St., NW #223
Washington, DC 20001
202-334-2144
wkearney@nas.edu

--

Chris Holmes
Public Affairs Specialist

Manager, AML Reclamation Awards
Manager, Excellence in Surface Coal Mining Reclamation Awards
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
Tel: (202) 208-7941
Cell: (202) 697-3889
cholmes@osmre.gov

"Success isn't owned. It's leased and rent is due every day."

- J.J. Watt

Moshay Simpson <msimpson@osmre.gov>

From: Moshay Simpson <msimpson@osmre.gov>
Sent: Mon Aug 21 2017 10:11:09 GMT-0600 (MDT)
To: Glenda Owens <gowens@osmre.gov>, fquiroga@blm.gov
CC: Christopher Holmes <cholmes@osmre.gov>
Subject: Fwd: link to our statement

Moshay Simpson | Communications Chief

Office of Surface Mining Reclamation and Enforcement

Department of the Interior | (202) 208-2565

1951 Constitution Ave. NW | Washington, D.C. | 20240

Begin forwarded message:

From: "Kearney, William" <WKearney@nas.edu>
Date: August 21, 2017 at 11:53:33 AM EDT
To: "msimpson@osmre.gov" <msimpson@osmre.gov>, "Holmes, Christopher (cholmes@osmre.gov)" <cholmes@osmre.gov>
Subject: **link to our statement**

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Executive Director
Office of News & Public Information
National Academies of Sciences, Engineering, and Medicine

500 5th St., NW #223
Washington, DC 20001
202-334-2144
wkearney@nas.edu

"Owens, Glenda" <gowens@osmre.gov>

From: "Owens, Glenda" <gowens@osmre.gov>
Sent: Mon Aug 21 2017 10:58:38 GMT-0600 (MDT)
To: "Campbell, Joshua" <joshua.campbell@sol.doi.gov>, Katharine MacGregor <katharine_macgregor@ios.doi.gov>
CC: "Richard_Cardinale@ios.doi.gov" <Richard_Cardinale@ios.doi.gov>
BCC: "Owens, Glenda H." <gowens@osmre.gov>
Subject: Fwd: link to our statement

FYI

----- Forwarded message -----

From: **Moshay Simpson** <msimpson@osmre.gov>
Date: Mon, Aug 21, 2017 at 12:11 PM
Subject: Fwd: link to our statement
To: Glenda Owens <gowens@osmre.gov>, fquiroga@blm.gov
Cc: Christopher Holmes <cholmes@osmre.gov>

Moshay Simpson | Communications Chief

Office of Surface Mining Reclamation and Enforcement

Department of the Interior | [\(202\) 208-2565](tel:(202)208-2565)

1951 Constitution Ave. NW | Washington, D.C. | 20240

Begin forwarded message:

From: "Kearney, William" <WKearney@nas.edu>
Date: August 21, 2017 at 11:53:33 AM EDT
To: "msimpson@osmre.gov" <msimpson@osmre.gov>, "Holmes, Christopher (cholmes@osmre.gov)" <cholmes@osmre.gov>
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202-334-2144
wkearney@nas.edu

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Glenda H. Owens
Deputy Director
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
(O) 202-208-4006
(F) 202-219-3106
gowens@osmre.gov

Joshua Campbell <joshua.campbell@sol.doi.gov>

From: Joshua Campbell <joshua.campbell@sol.doi.gov>
Sent: Mon Aug 21 2017 11:02:43 GMT-0600 (MDT)
To: "Owens, Glenda" <gowens@osmre.gov>
CC: Katharine MacGregor <katharine_macgregor@ios.doi.gov>, "Richard_Cardinale@ios.doi.gov" <Richard_Cardinale@ios.doi.gov>, heather_swift@ios.doi.gov
Subject: Re: link to our statement

[REDACTED] right...as we discussed. Or has [REDACTED]

-Attorney-Client Privilege

Sent from my iPhone

On Aug 21, 2017, at 12:58 PM, Owens, Glenda <gowens@osmre.gov> wrote:

FYI

----- Forwarded message -----

From: Moshay Simpson <msimpson@osmre.gov>
Date: Mon, Aug 21, 2017 at 12:11 PM
Subject: Fwd: link to our statement
To: Glenda Owens <gowens@osmre.gov>, fquiroga@blm.gov
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Department of the Interior | (202) 208-2565

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Glenda H. Owens
Deputy Director
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
(O) 202-208-4006
(F) 202-219-3106
gowens@osmre.gov

"Swift, Heather" <heather_swift@ios.doi.gov>

From: "Swift, Heather" <heather_swift@ios.doi.gov>
Sent: Mon Aug 21 2017 11:04:27 GMT-0600 (MDT)
To: Joshua Campbell <joshua.campbell@sol.doi.gov>
"Owens, Glenda" <gowens@osmre.gov>, Katharine MacGregor <katharine_macgregor@ios.doi.gov>,

CC: "Richard_Cardinale@ios.doi.gov"
<Richard_Cardinale@ios.doi.gov>

Subject: Re: link to our statement

Hello, Glenda. Could you please send me OSMRE's TPs if you have any?

Thanks!

Heather Swift
Department of the Interior
@DOIPressSec
Heather_Swift@ios.doi.gov | Interior_Press@ios.doi.gov

On Mon, Aug 21, 2017 at 1:02 PM, Joshua Campbell <joshua.campbell@sol.doi.gov> wrote:
[REDACTED] right...as we discussed. Or has [REDACTED]

(b)(5) -Attorney-Client
Privilege

Sent from my iPhone

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Moshay Simpson | Communications Chief

Office of Surface Mining Reclamation and Enforcement

Department of the Interior | [\(202\) 208-2565](tel:(202)208-2565)

1951 Constitution Ave. NW | Washington, D.C. | 20240

Begin forwarded message:

From: "Kearney, William" <WKearney@nas.edu>
Date: August 21, 2017 at 11:53:33 AM EDT
To: "'msimpson@osmre.gov'" <msimpson@osmre.gov>, "Holmes, Christopher (cholmes@osmre.gov)" <cholmes@osmre.gov>
Subject: link to our statement

Here's our statement. I've begun to let handful of reporters in WV and KY know. I imagine you'll get call shortly. Let me know if you want to chat.
Bill.

<http://www8.nationalacademies.org/onpinews/newsitem.aspx?RecordID=8212017>

William Kearney
Executive Director
Office of News & Public Information
National Academies of Sciences, Engineering, and Medicine
500 5th St., NW #223
Washington, DC 20001
202-334-2144
wkearney@nas.edu

--

Glenda H. Owens
Deputy Director
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
(O) 202-208-4006
(F) 202-219-3106
gowens@osmre.gov

"Owens, Glenda" <gowens@osmre.gov>

From: "Owens, Glenda" <gowens@osmre.gov>
Sent: Mon Aug 21 2017 11:10:23 GMT-0600 (MDT)
To: "Swift, Heather" <heather_swift@ios.doi.gov>
Joshua Campbell <joshua.campbell@sol.doi.gov>, Katharine
CC: MacGregor <katharine_macgregor@ios.doi.gov>,
"Richard_Cardinale@ios.doi.gov"
<Richard_Cardinale@ios.doi.gov>
Subject: Re: link to our statement

Heather,
Yes, will get some TPs to you shortly. Glenda

On Mon, Aug 21, 2017 at 1:04 PM, Swift, Heather <heather_swift@ios.doi.gov> wrote:
Hello, Glenda. Could you please send me OSMRE's TPs if you have any?

Thanks!

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@DOIPressSec
Heather_Swift@ios.doi.gov | Interior_Press@ios.doi.gov

On Mon, Aug 21, 2017 at 1:02 PM, Joshua Campbell <joshua.campbell@sol.doi.gov> wrote:
[REDACTED] right...as we discussed. Or has [REDACTED]

(b)(5) - Attorney-Client
Privilege

Sent from my iPhone

On Aug 21, 2017, at 12:58 PM, Owens, Glenda <gowens@osmre.gov> wrote:

FYI

----- Forwarded message -----

From: **Moshay Simpson** <msimpson@osmre.gov>

Date: Mon, Aug 21, 2017 at 12:11 PM

Subject: Fwd: link to our statement

To: Glenda Owens <gowens@osmre.gov>, fquiroga@blm.gov

Cc: Christopher Holmes <cholmes@osmre.gov>

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Office of Surface Mining Reclamation and Enforcement

Department of the Interior | (202) 208-2565

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From: "Kearney, William" <WKearney@nas.edu>

Date: August 21, 2017 at 11:53:33 AM EDT

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(F) 202-219-3106
gowens@osmre.gov

"Owens, Glenda" <gowens@osmre.gov>

From: "Owens, Glenda" <gowens@osmre.gov>
Sent: Mon Aug 21 2017 11:11:10 GMT-0600 (MDT)
To: Joshua Campbell <joshua.campbell@sol.doi.gov>
Katharine MacGregor <katharine_macgregor@ios.doi.gov>,
CC: "Richard_Cardinale@ios.doi.gov"
<Richard_Cardinale@ios.doi.gov>, "Swift, Heather"
<heather_swift@ios.doi.gov>
Subject: Re: link to our statement

[REDACTED] What I forwarded to you was NAS' release.

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Subject: Fwd: link to our statement
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Department of the Interior | [\(202\) 208-2565](tel:2022082565)

1951 Constitution Ave. NW | Washington, D.C. | 20240

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From: "Kearney, William" <WKearney@nas.edu>
Date: August 21, 2017 at 11:53:33 AM EDT
To: "'msimpson@osmre.gov'" <msimpson@osmre.gov>, "Holmes, Christopher (cholmes@osmre.gov)" <cholmes@osmre.gov>
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(O) 202-208-4006
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gowens@osmre.gov

Joshua Campbell <joshua.campbell@sol.doi.gov>

From: Joshua Campbell <joshua.campbell@sol.doi.gov>
Sent: Mon Aug 21 2017 11:11:36 GMT-0600 (MDT)
To: "Owens, Glenda" <gowens@osmre.gov>
Katharine MacGregor <katharine_macgregor@ios.doi.gov>, "Richard_Cardinale@ios.doi.gov"
CC: <Richard_Cardinale@ios.doi.gov>, "Swift, Heather" <heather_swift@ios.doi.gov>
Subject: Re: link to our statement

Excellent- thanks.

Sent from my iPhone

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U.S. Department of the Interior

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From: "Owens, Glenda" <gowens@osmre.gov>
Sent: Mon Aug 21 2017 11:55:19 GMT-0600 (MDT)
To: "Swift, Heather" <heather_swift@ios.doi.gov>
Joshua Campbell <joshua.campbell@sol.doi.gov>, Katharine
CC: MacGregor <katharine_macgregor@ios.doi.gov>,
"Richard_Cardinale@ios.doi.gov"
<Richard_Cardinale@ios.doi.gov>
BCC: "Owens, Glenda H." <gowens@osmre.gov>
Subject: Re: link to our statement
Attachments: NAS Halt Letter - 8-18-17.pdf OSMRE Pause of National
Academies of Sciences Study -TPs - 08-21-17 (1).docx

Heather - attached are proposed TPs and a copy of the August 18, letter.

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Subject: Fwd: link to our statement
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(F) 202-219-3106
gowens@osmre.gov

"Owens, Glenda" <gowens@osmre.gov>

From: "Owens, Glenda" <gowens@osmre.gov>
Sent: Mon Aug 21 2017 11:56:08 GMT-0600 (MDT)
To: "Holmes, Christopher" <cholmes@osmre.gov>, Moshay Simpson <msimpson@osmre.gov>
Subject: Fwd: link to our statement
Attachments: NAS Halt Letter - 8-18-17.pdf OSMRE Pause of National Academies of Sciences Study -TPs - 08-21-17 (1).docx

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From: **Owens, Glenda** <gowens@osmre.gov>
Date: Mon, Aug 21, 2017 at 1:55 PM
Subject: Re: link to our statement
To: "Swift, Heather" <heather_swift@ios.doi.gov>
Cc: Joshua Campbell <joshua.campbell@sol.doi.gov>, Katharine MacGregor <katharine_macgregor@ios.doi.gov>, "Richard Cardinale@ios.doi.gov" <Richard_Cardinale@ios.doi.gov>

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Heather_Swift@ios.doi.gov | Interior_Press@ios.doi.gov

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Office of Surface Mining Reclamation and Enforcement

Department of the Interior | [\(202\) 208-2565](tel:(202)208-2565)

1951 Constitution Ave. NW | Washington, D.C. | 20240

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gowens@osmre.gov

"Swift, Heather" <heather_swift@ios.doi.gov>

From: "Swift, Heather" <heather_swift@ios.doi.gov>
Sent: Mon Aug 21 2017 12:05:09 GMT-0600 (MDT)
To: "Owens, Glenda" <gowens@osmre.gov>
Joshua Campbell <joshua.campbell@sol.doi.gov>, Katharine
CC: MacGregor <katharine_macgregor@ios.doi.gov>, "Richard_Cardinale@ios.doi.gov" <Richard_Cardinale@ios.doi.gov>
Subject: Re: link to our statement

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Heather Swift
Department of the Interior
[@DOIPressSec](https://twitter.com/DOIPressSec)
Heather_Swift@ios.doi.gov | Interior_Press@ios.doi.gov

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(F) 202-219-3106
gowens@osmre.gov

"Owens, Glenda" <gowens@osmre.gov>

From: "Owens, Glenda" <gowens@osmre.gov>
Sent: Mon Aug 21 2017 12:15:49 GMT-0600 (MDT)
To: "Swift, Heather" <heather_swift@ios.doi.gov>
Joshua Campbell <joshua.campbell@sol.doi.gov>, Katharine
CC: MacGregor <katharine_macgregor@ios.doi.gov>,
"Richard_Cardinale@ios.doi.gov"
<Richard_Cardinale@ios.doi.gov>
BCC: "Owens, Glenda H." <gowens@osmre.gov>
Subject: Re: link to our statement

You can add [REDACTED]

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Thanks - this appears to be what was written in the letter. Is there anything else that should be added?

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gowens@osmre.gov

"Owens, Glenda" <gowens@osmre.gov>

From: "Owens, Glenda" <gowens@osmre.gov>
Sent: Mon Aug 21 2017 13:13:22 GMT-0600 (MDT)
To: "Holmes, Christopher" <cholmes@osmre.gov>
Subject: Fwd: link to our statement

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From: **Owens, Glenda** <gowens@osmre.gov>
Date: Mon, Aug 21, 2017 at 2:15 PM
Subject: Re: link to our statement
To: "Swift, Heather" <heather_swift@ios.doi.gov>
Cc: Joshua Campbell <joshua.campbell@sol.doi.gov>, Katharine MacGregor <katharine_macgregor@ios.doi.gov>, "Richard Cardinale@ios.doi.gov" <Richard_Cardinale@ios.doi.gov>

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500 5th St., NW #223
Washington, DC 20001
202-334-2144
wkearney@nas.edu

--

Glenda H. Owens
Deputy Director
U.S. Department of the Interior
Office of Surface Mining Reclamation and Enforcement
(O) 202-208-4006
(F) 202-219-3106
gowens@osmre.gov

--

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Conversation Contents

NAS Study Halt - Cooperative Agreement No. S16AC20034

Attachments:

/2. NAS Study Halt - Cooperative Agreement No. S16AC20034/1.1 NAS Study Halt Letter - 8-18-17 (1).pdf
/2. NAS Study Halt - Cooperative Agreement No. S16AC20034/2.1 NAS Study Halt Letter - 8-18-17 (1).pdf
/2. NAS Study Halt - Cooperative Agreement No. S16AC20034/3.1 NAS Study Halt Letter - 8-18-17 (1).pdf
/2. NAS Study Halt - Cooperative Agreement No. S16AC20034/6.1 NAS Study Halt Letter - 8-18-17 (1).pdf

"Owens, Glenda" <gowens@osmre.gov>

From: "Owens, Glenda" <gowens@osmre.gov>
Sent: Fri Aug 18 2017 15:42:46 GMT-0600 (MDT)
To: "Eide, Elizabeth" <EEide@nas.edu>
CC: gsymmes@nas.edu, ddenning@nas.edu, "Campbell, Joshua" <joshua.campbell@sol.doi.gov>
BCC: "Owens, Glenda H." <gowens@osmre.gov>
Subject: NAS Study Halt - Cooperative Agreement No. S16AC20034
Attachments: NAS Study Halt Letter - 8-18-17 (1).pdf

Dear Dr. Eide,

Attached is a letter memorializing our conversation earlier today regarding our request that you halt all activities under the subject Cooperative Agreement, effective immediately.

Please feel free to contact me if you have any additional questions.

Sincerely,
Glenda Owens

--

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"Owens, Glenda" <gowens@osmre.gov>

From: "Owens, Glenda" <gowens@osmre.gov>
Sent: Fri Aug 18 2017 15:45:58 GMT-0600 (MDT)

To: Katharine MacGregor <katharine_macgregor@ios.doi.gov>
CC: Jim Weiner <jim.weiner@sol.doi.gov>, Landon Davis <landon_davis@ios.doi.gov>
BCC: "Owens, Glenda H." <gowens@osmre.gov>
Subject: Fwd: NAS Study Halt - Cooperative Agreement No. S16AC20034
Attachments: NAS Study Halt Letter - 8-18-17 (1).pdf

FYI

----- Forwarded message -----

From: **Owens, Glenda** <gowens@osmre.gov>
Date: Fri, Aug 18, 2017 at 5:42 PM
Subject: NAS Study Halt - Cooperative Agreement No. S16AC20034
To: "Eide, Elizabeth" <EEide@nas.edu>
Cc: gsymmes@nas.edu, ddenning@nas.edu, "Campbell, Joshua" <joshua.campbell@sol.doi.gov>

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"Owens, Glenda" <gowens@osmre.gov>

From: "Owens, Glenda" <gowens@osmre.gov>
Sent: Fri Aug 18 2017 15:48:19 GMT-0600 (MDT)
Sterling Rideout <srideout@osmre.gov>, Harry Payne <hpayne@osmre.gov>, Yolande Norman <ynorman@osmre.gov>, Michael Kuhns <mkuhns@osmre.gov>, "Rockwell, Joshua" <jrockwell@osmre.gov>
To:
Subject: Fwd: NAS Study Halt - Cooperative Agreement No. S16AC20034

Attachments: NAS Study Halt Letter - 8-18-17 (1).pdf

FYI

----- Forwarded message -----

From: **Owens, Glenda** <gowens@osmre.gov>

Date: Fri, Aug 18, 2017 at 5:42 PM

Subject: NAS Study Halt - Cooperative Agreement No. S16AC20034

To: "Eide, Elizabeth" <EEide@nas.edu>

Cc: gsymmes@nas.edu, ddenning@nas.edu, "Campbell, Joshua" <joshua.campbell@sol.doi.gov>

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Glenda Owens

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--

"Eide, Elizabeth" <EEide@nas.edu>

From: "Eide, Elizabeth" <EEide@nas.edu>
Sent: Fri Aug 18 2017 15:54:46 GMT-0600 (MDT)
To: "Owens, Glenda" <gowens@osmre.gov>
"Symmes, Gregory" <GSymmes@nas.edu>, "Denning, Doug" <DDenning@nas.edu>, "Campbell, Joshua" <joshua.campbell@sol.doi.gov>
CC:
Subject: RE: NAS Study Halt - Cooperative Agreement No. S16AC20034

Thank you, Glenda.
Elizabeth

From: Owens, Glenda [<mailto:gowens@osmre.gov>]
Sent: Friday, August 18, 2017 5:43 PM
To: Eide, Elizabeth
Cc: Symmes, Gregory; Denning, Doug; Campbell, Joshua
Subject: NAS Study Halt - Cooperative Agreement No. S16AC20034

Dear Dr. Eide,

Attached is a letter memorializing our conversation earlier today regarding our request that you halt all activities under the subject Cooperative Agreement, effective immediately.

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Sincerely,
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"Owens, Glenda" <gowens@osmre.gov>

From: "Owens, Glenda" <gowens@osmre.gov>
Sent: Fri Aug 18 2017 16:24:57 GMT-0600 (MDT)
To: "Eide, Elizabeth" <EEide@nas.edu>
Subject: Re: NAS Study Halt - Cooperative Agreement No. S16AC20034

Thank you.

On Fri, Aug 18, 2017 at 5:54 PM, Eide, Elizabeth <EEide@nas.edu> wrote:

Thank you, Glenda.
Elizabeth

From: Owens, Glenda [<mailto:gowens@osmre.gov>]
Sent: Friday, August 18, 2017 5:43 PM
To: Eide, Elizabeth
Cc: Symmes, Gregory; Denning, Doug; Campbell, Joshua
Subject: NAS Study Halt - Cooperative Agreement No. S16AC20034

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"Owens, Glenda" <gowens@osmre.gov>

From: "Owens, Glenda" <gowens@osmre.gov>
Sent: Mon Aug 21 2017 08:54:36 GMT-0600 (MDT)
To: "Richard_Cardinale@ios.doi.gov"
<Richard_Cardinale@ios.doi.gov>
Subject: Fwd: NAS Study Halt - Cooperative Agreement No. S16AC20034
Attachments: NAS Study Halt Letter - 8-18-17 (1).pdf

Per our discussion. Glenda

----- Forwarded message -----

From: **Owens, Glenda** <gowens@osmre.gov>
Date: Fri, Aug 18, 2017 at 5:45 PM
Subject: Fwd: NAS Study Halt - Cooperative Agreement No. S16AC20034
To: Katharine MacGregor <katharine_macgregor@ios.doi.gov>
Cc: Jim Weiner <jim.weiner@sol.doi.gov>, Landon Davis <landon_davis@ios.doi.gov>

FYI

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Date: Fri, Aug 18, 2017 at 5:42 PM
Subject: NAS Study Halt - Cooperative Agreement No. S16AC20034
To: "Eide, Elizabeth" <EEide@nas.edu>
Cc: gsymmes@nas.edu, ddenning@nas.edu, "Campbell, Joshua" <joshua.campbell@sol.doi.gov>

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Conversation Contents

NAS Study Halt - Letter

Attachments:

/3. NAS Study Halt - Letter/1.1 NAS Study Halt for Review letter B 8-18-17.docx


"Campbell, Joshua" <joshua.campbell@sol.doi.gov>

From: "Campbell, Joshua" <joshua.campbell@sol.doi.gov>
Sent: Fri Aug 18 2017 14:22:31 GMT-0600 (MDT)
To: "Owens, Glenda" <gowens@osmre.gov>
CC: Jim Weiner <jim.weiner@sol.doi.gov>, Katharine MacGregor <katharine_macgregor@ios.doi.gov>, "Davis, Landon" <landon_davis@ios.doi.gov>
Subject: NAS Study Halt - Letter
Attachments: NAS Study Halt for Review letter B 8-18-17.docx

Glenda,

I just accepted all of Jim's edits to the letter we are sending to memorialize today's conversation with Dr. Eide at NAS. Despite Jim's busy schedule, he was able to stop for a moment and help us expedite things regarding this letter. Much appreciated, Jim (cc'ed)!

(b)(5) Deliberative Process, (b)(5) Attorney Client Privilege



I am assuming that you will be emailing a PDF of this signed letter today, along with mailing same, which is why I indicated same at the top of the letter. Feel free to include me on your email to the three people to whom we are notifying at NAS, if you want to do so.

Best regards,

Josh

PS - thanks for showing me around the Octagon Office, aka, the War Room! Much appreciated!



United States Department of the Interior

OFFICE OF SURFACE MINING
RECLAMATION AND ENFORCEMENT
Washington, D.C. 20240



August 18, 2017

Sent via Email and Regular U.S. Mail

Elizabeth A. Eide, Ph.D.
Senior Board Director
Board on Earth Sciences and Resources
Water Science and Technology Board
The National Academies of Sciences, Engineering, and Medicine
500 Fifth St., NW
Washington, DC 20001
EEide@nas.edu

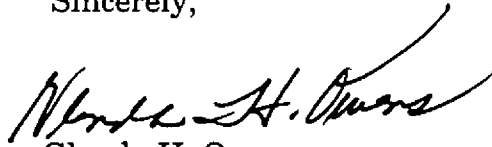
Dear Dr. Eide:

It was a pleasure speaking with you earlier today, and thank you for being available to take our call and email us the additional contact information. As discussed, the Department of the Interior has begun an agency-wide review of its grants and cooperative agreements in excess of \$100,000, largely as a result of our changing budget situation. Thank you for agreeing to cease all activities under Cooperative Agreement number S16AC20034, effective immediately, and until further notice. This immediate cessation includes any third party activities and/or contracting as well.

As discussed, NAS has already scheduled, and funds have been obligated to specific vendors for, an event ranging from August 21 - 23, 2017. Because we do not expect these expenses to be excessive, this three day event may proceed as planned as an exception to this direction. As we further discussed, any later-resulting staff expenses associated with processing reimbursements related to the work occurring during those same three days, which we expect to be relatively minimal, e.g., travel reimbursements, also may be incurred.

Please feel free to call us with any additional questions you may have about this direction as we are performing our review.

Sincerely,

A handwritten signature in black ink, appearing to read "Glenda H. Owens". The signature is fluid and cursive, with a long, sweeping line extending from the end of the name.

Glenda H. Owens
Acting Director

cc: Dr. Gregory Symmes, gsymmes@nas.edu
Mr. Douglas Denning, ddenning@nas.edu

Conversation Contents

NAS Study Review Period - Letter

"Campbell, Joshua" <joshua.campbell@sol.doi.gov>

From: "Campbell, Joshua" <joshua.campbell@sol.doi.gov>
Sent: Thu Aug 17 2017 16:16:35 GMT-0600 (MDT)
To: Jim Weiner <jim.weiner@sol.doi.gov>, "Owens, Glenda" <gowens@osmre.gov>
CC: Katharine MacGregor <katharine_macgregor@ios.doi.gov>, "Davis, Landon" <landon_davis@ios.doi.gov>
Subject: NAS Study Review Period - Letter

Jim and Glenda,

Thank you both for working with us to enable us to review this study. I just spoke with Kate, who is cc'ed, and am given to understand that (b)(5) Deliberative Process, (b)(5) Attorney Client Privilege

[REDACTED]

Jim - I understand that [REDACTED]

[REDACTED]

Glenda - Kate has asked me to follow up with you as DOI begins this review to assist you with any additional help or support you may need. Jim, of course, remains of great help and in the "loop" as well, to be clear. I will plan on contacting you tomorrow to help our efforts to move forward on this matter. Feel free to reach out to me as well. Please liberally share any questions or concerns you may have to Jim and me, [REDACTED]

[REDACTED] Attorney-Client Privilege

Also, [REDACTED]

[REDACTED]

Please let me know a convenient time for us to coordinate tomorrow. I look forward to meeting you in person!

Best regards,

Josh



United States Department of the Interior

OFFICE OF SURFACE MINING
RECLAMATION AND ENFORCEMENT
Washington, D.C. 20240



August 18, 2017

Sent via Email and Regular U.S. Mail

Elizabeth A. Eide, Ph.D.
Senior Board Director
Board on Earth Sciences and Resources
Water Science and Technology Board
The National Academies of Sciences, Engineering, and Medicine
500 Fifth St., NW
Washington, DC 20001
EEide@nas.edu

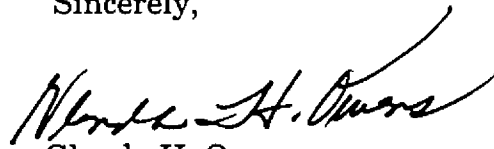
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Please feel free to call us with any additional questions you may have about this direction as we are performing our review.

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Glenda H. Owens
Acting Director

cc: Dr. Gregory Symmes, gsymmes@nas.edu
Mr. Douglas Denning, ddenning@nas.edu

"Owens, Glenda" <gowens@osmre.gov>

From: "Owens, Glenda" <gowens@osmre.gov>
Sent: Thu Aug 17 2017 17:00:12 GMT-0600 (MDT)
To: "Campbell, Joshua" <joshua.campbell@sol.doi.gov>
CC: Jim Weiner <jim.weiner@sol.doi.gov>, Katharine MacGregor <katharine_macgregor@ios.doi.gov>, "Davis, Landon" <landon_davis@ios.doi.gov>
BCC: "Owens, Glenda H." <gowens@osmre.gov>
Subject: Re: NAS Study Review Period - Letter

Josh,

Thanks for your message and your offer of assistance. It will be most helpful, no doubt. A point of clarification, [REDACTED]

[REDACTED] I have a few follow up questions for my staff that I'll be discussing with them in the morning.

It would be good to touch bases with you by late morning, perhaps around 11:30. If that time works for you, I'll give you a call. If not, please suggest a better time. Thanks again.

Best,
Glenda

On Thu, Aug 17, 2017 at 6:16 PM, Campbell, Joshua <joshua.campbell@sol.doi.gov> wrote:
Jim and Glenda,

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Attorney-Client Privilege

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gowens@osmre.gov

Katharine MacGregor <katharine_macgregor@ios.doi.gov>

From: Katharine MacGregor <katharine_macgregor@ios.doi.gov>
Sent: Thu Aug 17 2017 17:34:09 GMT-0600 (MDT)
To: "Owens, Glenda" <gowens@osmre.gov>
CC: "Campbell, Joshua" <joshua.campbell@sol.doi.gov>, Jim Weiner <jim.weiner@sol.doi.gov>, "Davis, Landon" <landon_davis@ios.doi.gov>
Subject: Re: NAS Study Review Period - Letter

Hey Glenda - I thought you told me on the phone that this was postponed?
- K

Sent from my iPhone

On Aug 17, 2017, at 7:00 PM, Owens, Glenda <gowens@osmre.gov> wrote:

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[REDACTED]

Jim - I understand that [REDACTED]

[REDACTED]

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gowens@osmre.gov

"Owens, Glenda" <gowens@osmre.gov>

From: "Owens, Glenda" <gowens@osmre.gov>
Sent: Thu Aug 17 2017 17:41:04 GMT-0600 (MDT)
To: Katharine MacGregor <katharine_macgregor@ios.doi.gov>
"Campbell, Joshua" <joshua.campbell@sol.doi.gov>, Jim Weiner
<jim.weiner@sol.doi.gov>, "Davis, Landon"
CC: <landon_davis@ios.doi.gov>

BCC: "Owens, Glenda H." <gowens@osmre.gov>
Subject: Re: NAS Study Review Period - Letter

Hey Kate,
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Joshua Campbell <joshua.campbell@sol.doi.gov>

From: Joshua Campbell <joshua.campbell@sol.doi.gov>
Sent: Thu Aug 17 2017 18:13:15 GMT-0600 (MDT)
To: "Owens, Glenda" <gowens@osmre.gov>
CC: Katharine MacGregor <katharine_macgregor@ios.doi.gov>, Jim Weiner <jim.weiner@sol.doi.gov>, "Davis, Landon" <landon_davis@ios.doi.gov>
Subject: Re: NAS Study Review Period - Letter

Glenda,

Thanks for that quick response--very helpful. We will chat tomorrow morning, but I wanted to go ahead and clarify one important thing. (b)(5) Deliberative Process, (b)(5) Attorney Client Privilege [REDACTED]

[REDACTED]
[REDACTED] (Sorry if I was a little wordy, just trying to avoid confusion.)

Best regards,

Josh

Sent from my iPhone

On Aug 17, 2017, at 7:41 PM, Owens, Glenda <gowens@osmre.gov> wrote:

Hey Kate,

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[REDACTED]

Jim - I understand that [REDACTED]

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--

Glenda H. Owens
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gowens@osmre.gov

"Owens, Glenda" <gowens@osmre.gov>

From: "Owens, Glenda" <gowens@osmre.gov>
Sent: Thu Aug 17 2017 18:17:37 GMT-0600 (MDT)
To: Joshua Campbell <joshua.campbell@sol.doi.gov>
CC: Katharine MacGregor <katharine_macgregor@ios.doi.gov>, Jim Weiner <jim.weiner@sol.doi.gov>, "Davis, Landon" <landon_davis@ios.doi.gov>
BCC: "Owens, Glenda H." <gowens@osmre.gov>
Subject: Re: NAS Study Review Period - Letter

Josh,

Yes, we're on the same page.

Glenda

On Thu, Aug 17, 2017 at 8:13 PM, Joshua Campbell <joshua.campbell@sol.doi.gov> wrote:
Glenda,

Thanks for that quick response--very helpful. We will chat tomorrow morning, but I wanted to go ahead and clarify one important thing. [REDACTED]

[REDACTED] (Sorry if I was a little wordy, just trying to avoid confusion.)

Best regards,

Josh

Sent from my iPhone

On Aug 17, 2017, at 7:41 PM, Owens, Glenda <gowens@osmre.gov> wrote:

Hey Kate,

No, sorry if I was not clear. We are contacting them tomorrow both by phone and sending letter to memorialize conversation. I needed to get a matter clarified before contacting them. Glenda

On Thu, Aug 17, 2017 at 7:34 PM, Katharine MacGregor <katharine_macgregor@ios.doi.gov> wrote:

Hey Glenda - I thought you told me on the phone that this was postponed?
- K

Sent from my iPhone

On Aug 17, 2017, at 7:00 PM, Owens, Glenda <gowens@osmre.gov> wrote:

Josh,

Thanks for your message and your offer of assistance. It will be most helpful, no doubt. A point of clarification, [REDACTED]

[REDACTED]. I have a few follow up questions for my staff that I'll be discussing with them in the morning.

It would be good to touch bases with you by late morning, perhaps around 11:30. If that time works for you, I'll give you a call. If not, please suggest a better time. Thanks again.

Best,
Glenda

On Thu, Aug 17, 2017 at 6:16 PM, Campbell, Joshua
<joshua.campbell@sol.doi.gov> wrote:
Jim and Glenda,

Thank you both for working with us to enable us to review this study. I just spoke with Kate, who is cc'ed, and am given to understand that [REDACTED]

Jim - I understand that [REDACTED]

Glenda - Kate has asked me to follow up with you as DOI begins this review to assist you with any additional help or support you may need. Jim, of course, remains of great help and in the "loop" as well, to be clear. I will plan on contacting you tomorrow to help our efforts to move forward on this matter. Feel free to reach out to me as well. Please liberally share any questions or concerns you may have to Jim and me, [REDACTED]

[REDACTED] privilege

Also, [REDACTED]

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Glenda Owens <gowens@osmre.gov>

From: Glenda Owens <gowens@osmre.gov>
Sent: Thu Aug 17 2017 19:55:34 GMT-0600 (MDT)
To: Glenda Owens <gowens@osmre.gov>
Subject: Fwd: NAS Study Review Period - Letter

Call Josh at 11:30.

Sent from my iPad

Begin forwarded message:

From: "Owens, Glenda" <gowens@osmre.gov>
Date: August 17, 2017 at 8:17:37 PM EDT

To: Joshua Campbell <joshua.campbell@sol.doi.gov>
Cc: Katharine MacGregor <katharine_macgregor@ios.doi.gov>, Jim Weiner <jim.weiner@sol.doi.gov>, "Davis, Landon" <landon_davis@ios.doi.gov>
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[REDACTED]

[REDACTED]

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Josh

Sent from my iPhone

On Aug 17, 2017, at 7:41 PM, Owens, Glenda <gowens@osmre.gov> wrote:

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Katharine MacGregor <katharine_macgregor@ios.doi.gov>

From: Katharine MacGregor <katharine_macgregor@ios.doi.gov>
Sent: Thu Aug 17 2017 21:54:51 GMT-0600 (MDT)
To: "Owens, Glenda" <gowens@osmre.gov>
"Campbell, Joshua" <joshua.campbell@sol.doi.gov>, Jim Weiner
<jim.weiner@sol.doi.gov>, "Davis, Landon"
<landon_davis@ios.doi.gov>
CC:
Subject: Re: NAS Study Review Period - Letter

Glenda - Let me know how the call goes tomorrow after it is made. I would also appreciate any clarity on how (if accurate) [REDACTED]

[REDACTED] This is of great concern to me.

- K

On Aug 17, 2017, at 7:41 PM, Owens, Glenda <gowens@osmre.gov> wrote:

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