

1. DATE ISSUED MM/DD/YYYY 05/26/2020		1a. SUPERSEDES AWARD NOTICE dated except that any additions or restrictions previously imposed remain in effect unless specifically rescinded	
2. CFDA No. 93.070 - Environmental Public Health and Emergency Response			
3. ASSISTANCE TYPE Cooperative Agreement			
4. GRANT NO. 5 NUE1EH001356-04-00 Formerly		5. TYPE OF AWARD Other	
4a. FAIN NUE1EH001356		5a. ACTION TYPE Non-Competing Continuation	
6. PROJECT PERIOD MM/DD/YYYY From 08/01/2017		Through 07/31/2022	
7. BUDGET PERIOD MM/DD/YYYY From 08/01/2020		Through 07/31/2021	

DEPARTMENT OF HEALTH AND HUMAN SERVICES

Centers for Disease Control and Prevention

2939 Brandywine Road
Atlanta, GA 30341

NOTICE OF AWARD

AUTHORIZATION (Legislation/Regulations)
Section 317(k)(3) of the Public Health Service Act, [42 U.S.C. 247b
(k)(3)]

8. TITLE OF PROJECT (OR PROGRAM)
Enhancing Innovation and Capabilities of the Environmental Public Health Tracking Network

9a. GRANTEE NAME AND ADDRESS HEALTH AND SENIOR SERVICES, MISSOURI DEPARTMENT OF PO BOX 570 MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES Jefferson City, MO 65102-0570	9b. GRANTEE PROJECT DIRECTOR Mr. Jeff Wenzel 920 Wildwood Drive Community and Public Health Jefferson City, MO 65102-0570 Phone: 573-526-4911
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10a. GRANTEE AUTHORIZING OFFICIAL Ms. Marcia A Mahaney 920 Wildwood Drive Jefferson City, MO 65109-5796 Phone: 573-751-6014	10b. FEDERAL PROJECT OFFICER Abhilash (Alex) Philipose 4770 Buford Hwy, NE; MS K60 Atlanta, GA 30341 Phone: 770-488-3835
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ALL AMOUNTS ARE SHOWN IN USD

11. APPROVED BUDGET (Excludes Direct Assistance)		12. AWARD COMPUTATION	
I Financial Assistance from the Federal Awarding Agency Only <input type="checkbox"/>		a. Amount of Federal Financial Assistance (from item 11m) 842,170.00	
II Total project costs including grant funds and all other financial participation <input type="checkbox"/>		b. Less Unobligated Balance From Prior Budget Periods 0.00	
a. Salaries and Wages 386,371.00		c. Less Cumulative Prior Award(s) This Budget Period 0.00	
b. Fringe Benefits 227,823.00		d. AMOUNT OF FINANCIAL ASSISTANCE THIS ACTION 842,170.00	
c. Total Personnel Costs 614,194.00		13. Total Federal Funds Awarded to Date for Project Period 3,434,180.00	
d. Equipment 0.00		14. RECOMMENDED FUTURE SUPPORT	
e. Supplies 1,939.00		(Subject to the availability of funds and satisfactory progress of the project):	
f. Travel 20,067.00		YEAR	TOTAL DIRECT COSTS
g. Construction 0.00		a. 5	d. 8
h. Other 57,474.00		b. 6	e. 9
i. Contractual 25,043.00		c. 7	f. 10
j. TOTAL DIRECT COSTS 718,717.00		15. PROGRAM INCOME SHALL BE USED IN ACCORD WITH ONE OF THE FOLLOWING ALTERNATIVES:	
k. INDIRECT COSTS 123,453.00		a. DEDUCTION	
l. TOTAL APPROVED BUDGET 842,170.00		b. ADDITIONAL COSTS <input type="checkbox"/>	
m. Federal Share 842,170.00		c. MATCHING	
n. Non-Federal Share 0.00		d. OTHER RESEARCH (Add / Deduct Option)	
		e. OTHER (See REMARKS)	
		16. THIS AWARD IS BASED ON AN APPLICATION SUBMITTED TO, AND AS APPROVED BY, THE FEDERAL AWARING AGENCY ON THE ABOVE TITLED PROJECT AND IS SUBJECT TO THE TERMS AND CONDITIONS INCORPORATED EITHER DIRECTLY OR BY REFERENCE IN THE FOLLOWING:	
		a. The grant program legislation.	
		b. The grant program regulations.	
		c. This award notice including terms and conditions, if any, noted below under REMARKS.	
		d. Federal administrative requirements, cost principles and audit requirements applicable to this grant.	
		In the event there are conflicting or otherwise inconsistent policies applicable to the grant, the above order of precedence shall prevail. Acceptance of the grant terms and conditions is acknowledged by the grantee when funds are drawn or otherwise obtained from the grant payment system.	

REMARKS (Other Terms and Conditions Attached - Yes No)

GRANTS MANAGEMENT OFFICIAL:

Ralph U Robinson, Grants Management Officer
2960 Brandywine Rd
Mailstop E01
Atlanta, GA 30341-5509
Phone: 770-488-2441

17. OBJ CLASS 41.51	18a. VENDOR CODE	18b. EIN	19. DUNS 878092600	20. CONG. DIST. 04
FY-ACCOUNT NO.	DOCUMENT NO.	CFDA	ADMINISTRATIVE CODE	AMT ACTION FIN ASST
21. a. 9-9390AWZ	b. 17NUE1EH001356	c. 93.070	d. EH	e. \$0.00
22. a. 8-939ZPRT	b. 17NUE1EH001356	c. 93.070	d. EH	e. \$0.00
23. a. 0-9390AWZ	b. 17NUE1EH001356	c. 93.070	d. EH	e. \$842,170.00
				f. APPROPRIATION
				f. 75-19-0947
				f. 75-18-0947
				f. 75-20-0947

NOTICE OF AWARD (Continuation Sheet)

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GRANT NO. 5 NUE1EH001356-04-00	

Direct Assistance

BUDGET CATEGORIES	PREVIOUS AMOUNT (A)	AMOUNT THIS ACTION (B)	TOTAL (A + B)
Personnel	\$0.00	\$0.00	\$0.00
Fringe Benefits	\$0.00	\$0.00	\$0.00
Travel	\$0.00	\$0.00	\$0.00
Equipment	\$0.00	\$0.00	\$0.00
Supplies	\$0.00	\$0.00	\$0.00
Contractual	\$0.00	\$0.00	\$0.00
Construction	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00

NOTICE OF AWARD (Continuation Sheet)

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GRANT NO. 5 NUE1EH001356-04-00	

Federal Financial Report Cycle			
Reporting Period Start Date	Reporting Period End Date	Reporting Type	Reporting Period Due Date
08/01/2017	07/31/2018	Annual	10/29/2018
08/01/2018	07/31/2019	Annual	10/29/2019
08/01/2018	07/31/2019	Annual	10/29/2019
08/01/2019	07/31/2020	Annual	10/29/2020

AWARD ATTACHMENTS

Missouri Department of Health

5 NUE1EH001356-04-00

1. Terms and Conditions

AWARD INFORMATION

Incorporation: In addition to the federal laws, regulations, policies, and CDC General Terms and Conditions for Non-research awards at <https://www.cdc.gov/grants/federalregulationspolicies/index.html>, the Centers for Disease Control and Prevention (CDC) hereby incorporates Notice of Funding Opportunity (NOFO) number EH17-1702, entitled “Enhancing Innovation and Capabilities of the Environmental Public Health Tracking Network”, and application dated April 17, 2020, as may be amended, which are hereby made a part of this Non-research award, hereinafter referred to as the Notice of Award (NoA).

Approved Funding: Funding in the amount of \$842,170 is approved for the Year 04 budget period, which is August 1, 2020 through July 31, 2021. All future year funding will be based on satisfactory programmatic progress and the availability of funds.

The federal award amount is subject to adjustment based on total allowable costs incurred and/or the value of any third party in-kind contribution when applicable.

Note: Refer to the Payment Information section for draw down and Payment Management System (PMS) subaccount information.

Financial Assistance Mechanism: Cooperative Agreement

Substantial Involvement by CDC: This is a cooperative agreement and CDC will have substantial programmatic involvement after the award is made. Substantial involvement is in addition to all post-award monitoring, technical assistance, and performance reviews undertaken in the normal course of stewardship of federal funds.

CDC program staff will assist, coordinate, or participate in carrying out effort under the award, and recipients agree to the responsibilities therein, as detailed in the NOFO.

1. Maintain and revise the National Tracking Network Architecture as Tracking/PHIN standards evolve in order to meet the awardee’s needs.
2. Manage and maintain the National Tracking Network based on specifications in the Technical Network Implementation Plan (TNIP - <https://www.cdc.gov/nceh/tracking/foa.htm>), with input from awardees and other Tracking partners.
3. Maintain the CDC gateway of the National Tracking Network.
4. Maintain and revise Tracking standards for the portal and NCDMs.
5. Review public health actions and maintain a repository of approved public health actions.
6. Foster collaboration with:
 - CDC’s National Center of Environmental Health’s Office of the Director, as needed, to maintain and facilitate the creation of any emerging Tracking-related technical and data standards.
 - CDC’s Office of Public Health Scientific Services (OPHSS), as needed, to maintain and facilitate the creation of any new Tracking-related technical and data standards.
 - CDC’s Office of Public Health Preparedness and Response (OPHPR), as needed, to maintain and facilitate the creation of any emerging Tracking-related technical and data standards.
 - Federal data partners such as the U.S. Environmental Protection Agency (EPA), the

U.S. Geological Survey (USGS), National Aeronautics and Space Administration (NASA), and National Oceanic and Atmospheric Administration (NOAA) to further the use of environmental data, fill data gaps, and develop methods and tools for use in Tracking.

- Awardees on projects to (a) improve the quality of data provided to CDC for the National Tracking Network Portals, and (b) explore methods and best practices for linking and analyzing health and environmental data.
- National data stewards and other professional organizations to facilitate data and information sharing and improvements in data quality that will support the awardees' tracking activities.
- Tribal organizations to develop environmental health capacity and assess tribal environmental health priorities within grantee jurisdictions.

7. Coordinate:

- Technical assistance to awardees in work plan development; design and implementation of program activities, including analysis and presentation of data; and facilitation of regional trainings.
- Awardee data submissions and develop/maintain tools to assist awardees during the data submission process.
- With EPA and OPHSS to ensure interoperability between CDC's PHIN and EPA's National Environmental Information Exchange Network.
- Identification, development, and/or maintenance of appropriate methods and tools for use in the National Tracking Network and facilitate license agreements, where appropriate, to provide broad access among tracking partners to these tools.
- Activities at the national level among Centers, Institutes and Offices at CDC and the Agency for Toxic Substances and Disease Registry as well as other federal partners, national data organizations, and national partners.

8. Facilitate the development of Tracking-specific communication and outreach strategy guidelines with input from awardees and other Tracking partners, and the criteria to evaluate the effectiveness of the activities in the guidelines.

9. Provide specific NCDMs from federal partners for use on state and local network portals as appropriate and in compliance with CDC data sharing agreements.

10. Facilitate:

- A monthly forum for principal investigators via teleconference to promote the discussion of key Tracking issues and exchange of ideas.
- A National Tracking Program meeting approximately once every other year, and up to two grantee meetings annually.

11. Implement and participate in projects and workgroups as needed to address specific program issues. Work with awardees on workgroups as needed to solicit input from state/local partners, academic partners, and other stakeholders on issues relevant to the implementation of the state and national Tracking networks.

12. Conduct program evaluation activities including but not limited to annual or semi-annual portal evaluations for all recipients. Program evaluation activities will also include: 1) comprehensive program assessment of overall progress made toward network development at the state and national levels; 2) training activities; 3) data utilization; 4) partnership, outreach and communication activities.

13. Securely maintain, manage, and disseminate data provided by grantees and other

partners as described in the Tracking Programs Data Re-Release Plan <https://www.cdc.gov/nceh/tracking/foa.htm>

Objective/Technical Review Statement Response Requirement: The reviewer comments on the strengths and weaknesses of the proposal are provided as part of this award and are located in Grant Solutions. A response to the weaknesses in these statements must be uploaded for approval into Grant Solutions as a Note and submitted to the Project Officer noted in the CDC Staff Contacts section of this NoA, no later than 30 days from the budget period start date. Failure to submit the required information by the due date, **September 1, 2020**, will cause delay in programmatic progress and will adversely affect the future funding of this project.

Expanded Authority: The recipient is permitted the following expanded authority in the administration of the award.

- Carryover of unobligated balances from one budget period to a subsequent budget period. Unobligated funds may be used for purposes within the scope of the project as originally approved. Recipients will report use, or intended use, of unobligated funds in Section 12 “Remarks” of the annual Federal Financial Report. If the GMO determines that some or all of the unobligated funds are not necessary to complete the project, the GMO may restrict the recipient’s authority to automatically carry over unobligated balances in the future, use the balance to reduce or offset CDC funding for a subsequent budget period, or use a combination of these actions.

Program Income: Any program income generated under this grant or cooperative agreement will be used in accordance with the Addition alternative.

Addition alternative: Under this alternative, program income is added to the funds committed to the project/program and is used to further eligible project/program objectives.

Note: The disposition of program income must have written prior approval from the GMO.

FUNDING RESTRICTIONS AND LIMITATIONS

Indirect Costs:

Indirect costs are approved based on the negotiated indirect cost rate agreement dated March 17, 2020, which calculates indirect costs as follows, a Final is approved at a rate of 20.10% of the base, which includes, direct salaries and wages including all fringe benefits. The effective dates of this indirect cost rate are from July 1, 2020 to June 30, 2021.

REPORTING REQUIREMENTS

Performance Progress and Monitoring: Performance information collection initiated under this grant/cooperative agreement has been approved by the Office of Management and Budget under **OMB Number 0920-1132, “Performance Progress and Monitoring Report”, Expiration Date 10/31/2022**. The components of the PPMR are available for download at: <https://www.cdc.gov/grants/alreadyhavegrant/Reporting.html> .

Required Disclosures for Federal Awardee Performance and Integrity Information System (FAPIIS): Consistent with 45 CFR 75.113, applicants and recipients must disclose in a timely manner, in writing to the CDC, with a copy to the HHS Office of Inspector General (OIG), all

information related to violations of federal criminal law involving fraud, bribery, or gratuity violations potentially affecting the federal award. Subrecipients must disclose, in a timely manner in writing to the prime recipient (pass through entity) and the HHS OIG, all information related to violations of federal criminal law involving fraud, bribery, or gratuity violations potentially affecting the federal award. Disclosures must be sent in writing to the CDC and to the HHS OIG at the following addresses:

CDC, Office of Grants Services
Wanda G. Tucker, Grants Management Officer/Specialist
Centers for Disease Control and Prevention
OD, Environmental, Occupational Health and Injury Prevention Services Branch
2939 Brandywine Rd
Atlanta, GA 30341
Fax: 770-488-2640 (Include "Mandatory Grant Disclosures" in subject line)
Email: WTucker@cdc.gov (Include "Mandatory Grant Disclosures" in subject line)

AND

U.S. Department of Health and Human Services
Office of the Inspector General
ATTN: Mandatory Grant Disclosures, Intake Coordinator
330 Independence Avenue, SW
Cohen Building, Room 5527
Washington, DC 20201

Fax: (202)-205-0604 (Include "Mandatory Grant Disclosures" in subject line) or
Email: MandatoryGranteeDisclosures@oig.hhs.gov

Recipients must include this mandatory disclosure requirement in all subawards and contracts under this award.

Failure to make required disclosures can result in any of the remedies described in 45 CFR 75.371. Remedies for noncompliance, including suspension or debarment (See 2 CFR parts 180 and 376, and 31 U.S.C. 3321).

CDC is required to report any termination of a federal award prior to the end of the period of performance due to material failure to comply with the terms and conditions of this award in the OMB-designated integrity and performance system accessible through SAM (currently FAPIIS). (45 CFR 75.372(b)) CDC must also notify the recipient if the federal award is terminated for failure to comply with the federal statutes, regulations, or terms and conditions of the federal award. (45 CFR 75.373(b))

PAYMENT INFORMATION

The HHS Office of the Inspector General (OIG) maintains a toll-free number (1-800-HHS-TIPS [1-800-447-8477]) for receiving information concerning fraud, waste, or abuse under grants and cooperative agreements. Information also may be submitted by e-mail to hhstips@oig.hhs.gov or by mail to Office of the Inspector General, Department of Health and Human Services, Attn: HOTLINE, 330 Independence Ave., SW, Washington DC 20201. Such reports are treated as sensitive material and submitters may decline to give their names if they choose to remain anonymous.

Payment Management System Subaccount: Funds awarded in support of approved activities have been obligated in a subaccount in the PMS, herein identified as the “P Account”. Funds must be used in support of approved activities in the NOFO and the approved application.

The grant document number identified on the bottom of Page 1 of the Notice of Award must be known in order to draw down funds.

CDC Staff Contacts

Grants Management Specialist: The GMS is the federal staff member responsible for the day-to-day management of grants and cooperative agreements. The GMS is the primary contact of recipients for business and administrative matters pertinent to grant awards.

GMS Contact:

Wanda Tucker, Grants Management Specialist
Centers for Disease Control
CDC/OGS/OFR
2939 Flowers Road South, MS TV-2
Atlanta, GA 30341
Telephone: 770-488-5056
Fax: 770-488-2640
Email: kna9@cdc.gov

Program/Project Officer: The PO is the federal official responsible for monitoring the programmatic, scientific, and/or technical aspects of grants and cooperative agreements, as well as contributing to the effort of the award under cooperative agreements.

Programmatic Contact:

Aaron J. Grober, Project Officer
Centers for Disease Control and Prevention
CDC/ONDIEH/NCEH/DEHHE/EHTB
CHAM Bldg. 106 Cube 5114.8 MS S106-6
Atlanta, Georgia 30341
Telephone: 770-488-0787
Fax: 404-471-2538
Email: Xih7@cdc.gov

Grants Management Officer: The GMO is the federal official responsible for the business and other non-programmatic aspects of grant awards. The GMO is the only official authorized to obligate federal funds and is responsible for signing the NOA, including revisions to the NOA that change the terms and conditions. The GMO serves as the counterpart to the business officer of the recipient organization. GMO contact information is located on Page 1 of this NOA.

Ralph Robinson, Grants Management Officer
Centers for Disease Control
CDC/OGS/OFR
2939 Flowers Road South, MS TV-2
Atlanta, GA 30341
Telephone: 770-488-2441
Fax: 770-488-2640

Email: inp2@cdc.gov