

	U.S. ENVIRONMENTAL PROTECTION AGENCY Assistance Amendment	GRANT NUMBER (FAIN): 96497715 MODIFICATION NUMBER: 4 PROGRAM CODE: PM	DATE OF AWARD 04/13/2018
		TYPE OF ACTION Augmentation: Increase	MAILING DATE 04/20/2018
		PAYMENT METHOD: ACH	ACH# 40377
RECIPIENT TYPE: County		Send Payment Request to: Las Vegas Finance Center	
RECIPIENT: Metropolitan Gov't of Nashville & Davidson County 311 23rd Ave., N. Nashville, TN 37203 EIN: 62-0694743		PAYEE: Metropolitan Gov't of Nashville & Davidson County 311 23rd Ave., N. Nashville, TN 37203	
PROJECT MANAGER John Finke 2500 Charlotte Avenue Nashville, TN 37209 E-Mail: john.finke@nashville.gov Phone: 615-340-0443		EPA PROJECT OFFICER Gwendolyn Graf 61 Forsyth Street Atlanta, GA 30303-8960 E-Mail: graf.gwendolyn@epa.gov Phone: 404-562-9289	
EPA GRANT SPECIALIST Zakiya Davis Grants and Audit Management Section E-Mail: davis.zakiya@epa.gov Phone: 404-562-8064			
PROJECT TITLE AND EXPLANATION OF CHANGES PM 2.5 Ambient Air Monitoring Program This action provides additional funds in the amount of \$ 50,952 to the Metropolitan Government of Nashville and Davidson County Tennessee's to support their compliance with the National Ambient Air Quality Standards for the county. It also approves a time extension of the budget and project ending date from 3/31/18 to 3/31/2020.			
BUDGET PERIOD 04/01/2015 - 03/31/2020	PROJECT PERIOD 04/01/2015 - 03/31/2020	TOTAL BUDGET PERIOD COST \$650,000.00	TOTAL PROJECT PERIOD COST \$650,000.00
NOTICE OF AWARD			
Based on your Application dated 02/05/2015 including all modifications and amendments, the United States acting by and through the US Environmental Protection Agency (EPA) hereby awards \$50,952. EPA agrees to cost-share 100.00% of all approved budget period costs incurred, up to and not exceeding total federal funding of \$439,761. Recipient's signature is not required on this agreement. The recipient demonstrates its commitment to carry out this award by either: 1) drawing down funds within 21 days after the EPA award or amendment mailing date; or 2) not filing a notice of disagreement with the award terms and conditions within 21 days after the EPA award or amendment mailing date. If the recipient disagrees with the terms and conditions specified in this award, the authorized representative of the recipient must furnish a notice of disagreement to the EPA Award Official within 21 days after the EPA award or amendment mailing date. In case of disagreement, and until the disagreement is resolved, the recipient should not draw down on the funds provided by this award/amendment, and any costs incurred by the recipient are at its own risk. This agreement is subject to applicable EPA regulatory and statutory provisions, all terms and conditions of this agreement and any attachments.			
ISSUING OFFICE (GRANTS MANAGEMENT OFFICE)		AWARD APPROVAL OFFICE	
ORGANIZATION / ADDRESS 61 Forsyth Street Atlanta, GA 30303-8960		ORGANIZATION / ADDRESS U.S. EPA, Region 4 Air, Pesticides and Toxics Management Division 61 Forsyth Street Atlanta, GA 30303-8960	
THE UNITED STATES OF AMERICA BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY			
Digital signature applied by EPA Award Official Keva R. Lloyd - Grants Management Officer			DATE 04/13/2018

EPA Funding Information

FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
EPA Amount This Action	\$ 388,809	\$ 50,952	\$ 439,761
EPA In-Kind Amount	\$ 0	\$	\$ 0
Unexpended Prior Year Balance	\$ 0	\$	\$ 0
Other Federal Funds	\$ 0	\$	\$ 0
Recipient Contribution	\$ 0	\$	\$ 0
State Contribution	\$ 0	\$	\$ 0
Local Contribution	\$ 0	\$	\$ 0
Other Contribution	\$ 0	\$	\$ 0
Allowable Project Cost	\$ 388,809	\$ 50,952	\$ 439,761

Assistance Program (CFDA)	Statutory Authority	Regulatory Authority
66.034 - Surveys-Studies-Investigations-Demonstrations and Special Purpose Activities relating to the Clean Air Act	Clean Air Act: Sec. 103	2 CFR 200 2 CFR 1500 and 40 CFR 33

Fiscal									
Site Name	Req No	FY	Approp. Code	Budget Organization	PRC	Object Class	Site/Project	Cost Organization	Obligation / Deobligation
	1804VW8045	18	E1	04V8	000A04XPM	4112			50,952
									50,952

Budget Summary Page: PM2.5 Nashville 96497715

Table A - Object Class Category (Non-construction)	Total Approved Allowable Budget Period Cost
1. Personnel	\$253,687
2. Fringe Benefits	\$133,435
3. Travel	\$14,000
4. Equipment	\$30,000
5. Supplies	\$28,392
6. Contractual	\$140,000
7. Construction	\$0
8. Other	\$0
9. Total Direct Charges	\$599,514
10. Indirect Costs: <u>22.69%</u> Base <u>salary/fringe</u>	\$50,486
11. Total (Share: Recipient <u>0.00</u> % Federal <u>100.00</u> %.)	\$650,000
12. Total Approved Assistance Amount	\$650,000
13. Program Income	\$0
14. Total EPA Amount Awarded This Action	\$50,952
15. Total EPA Amount Awarded To Date	\$439,761

Administrative Conditions

The Following Administrative Term and Condition is Revised .

GENERAL TERMS AND CONDITIONS

The recipient agrees to comply with the current EPA general terms and conditions available at: <https://www.epa.gov/grants/epa-general-terms-and-conditions-effective-october-2-2017-or-later> These terms and conditions are in addition to the assurances and certifications made as part of the award and the terms, conditions or restrictions cited throughout the award.

The EPA repository for the general terms and conditions by year can be found at: <http://www.epa.gov/grants/grant-terms-and-conditions>.

All Other Programmatic Terms and Conditions Remain the Same.

Programmatic Conditions

The Following Programmatic Terms and Conditions Supercede Previous Conditions

A. Expiring QMP Term and Condition

The recipient's Quality Management Plan expires on 07/22/2018. The recipient agrees to develop and submit to EPA for approval an updated five year Quality Management Plan (QMP) for activities involving the collection and use of air quality environmental data. Local agencies must coordinate with the State. The QMP will be submitted at least 180 days prior to the expiration of the current QMP and address EPA Requirements for Quality Management Plans (EPA QA/R-2, <http://www.epa.gov/quality/qs-docs/r2-final.pdf>), and the recipient will respond to EPA comments within 60 days of receipt of EPA comments. For additional information and guidance see <http://www.epa.gov/quality/qmps.html>.

B. QAPP Pending Approval Term and Condition

The recipient agrees to follow the latest Quality Assurance Project Plan (QAPP) that was submitted to the EPA Region 4 Quality Assurance Office for review and approval. If the QAPP is not approved by EPA, the grantee agrees to submit a revised QAPP that addresses EPA's concerns within 45 calendar days of receipt of EPA's comments. In the meantime, the recipient agrees to follow the last QAPP submitted until the EPA Quality Assurance Officer fully approves the revised QAPP.

C. Performance Reporting

In accordance with 2 CFR §200.328 (b)(1-2)(i-iii), the recipient agrees to submit an annual performance report that includes brief information on each of the following areas: a) a comparison of actual accomplishments to the outputs/outcomes established in the assistance agreement work plan for the period.; b) the reasons for slippage if established outputs/outcomes were not met; and c) additional pertinent information, including when appropriate, analysis and information of cost overruns or high unit costs. The annual performance report will cover the time period beginning January 1 through December 31 of each year. The report is due annually by March 31.

D. Air Quality Index Forecasting

As resources permit, the grantee agrees to participate in Air Quality Index forecasting for those areas with continuous PM2.5 monitoring and report all continuous PM2.5 data to AQS and to the PM2.5 mapping program.

E. Substantial Involvement

EPA's role in the Agreement will include the review and approval of the grantee's PM 2.5 annual

monitoring network plan.

F. Problems, Delays or Adverse Conditions

In accordance with 2 CFR §200.328(d)(1), the recipient agrees to inform EPA as soon as problems, delays or adverse conditions become known which materially impair the ability to meet the outputs/outcomes in the assistance agreement workplan.

G. Quality Assurance

The grantee agrees to review and update quality assurance project plans and standard operating procedures in accordance with 2 CFR §1500.11 and EPA Region 4 policies. No work involving direct measurements or data generation, environmental modeling, compilation of data from literature or electronic media, and data supporting the design, construction, and operation of environmental technology shall be initiated under this project until the EPA Project Officer, in concert with the EPA Quality Assurance Manager, has approved the quality assurance documentation. A quality assurance project plan (QAPP) must be developed by the grantee before environmental activities/monitoring begins. After a QAPP is approved it is verifiable throughout the life of the project. This policy is in accordance with the national guidelines for quality assurance from the Office of Environmental Information (OEI). For more information on quality assurance requirements, go to <http://www.epa.gov/quality/>.

H. Geospatial Data Standards

All geospatial data created must be consistent with Federal Geographic Data Committee (FGDC) endorsed standards. Information on these standards may be found at www.fgdc.gov.

I. Competency of Organizations Generating Environmental Measurement Data

In accordance with Agency Policy Directive Number FEM-2012-02, Policy to Assure the Competency of Organizations Generating Environmental Measurement Data under Agency-Funded Assistance Agreements, Recipient agrees, by entering into this agreement, that it has demonstrated competency prior to award, or alternatively, where a pre-award demonstration of competency is not practicable, Recipient agrees to demonstrate competency prior to carrying out any activities under the award involving the generation or use of environmental data. Recipient shall maintain competency for the duration of the project period of this agreement and this will be documented during the annual reporting process. A copy of the Policy is available online at http://www.epa.gov/fem/lab_comp.htm or a copy may also be requested by contacting the EPA project officer for this award.

J. Cybersecurity Grant Condition for Other Recipients

(a) The recipient agrees that when collecting and managing environmental data under this assistance agreement, it will protect the data by following all applicable State or Tribal law cybersecurity requirements.

(b) (1) EPA must ensure that any connections between the recipient's network or information system and EPA networks used by the recipient to transfer data under this agreement, are secure. For purposes of this Section, a connection is defined as a dedicated persistent interface between an Agency IT system and an external IT system for the purpose of transferring information. Transitory, user-controlled connections such as website browsing are excluded from this definition.

If the recipient's connections as defined above do not go through the Environmental Information Exchange Network or EPA's Central Data Exchange, the recipient agrees to contact the EPA Project Officer (PO) no later than 90 days after the date of this award and work with the designated Regional/Headquarters Information Security Officer to ensure that the connections meet EPA security requirements, including entering into Interconnection Service Agreements as appropriate. This condition does not apply to manual entry of data by the recipient into systems operated and used by EPA's regulatory programs for the submission of reporting and/or compliance data.

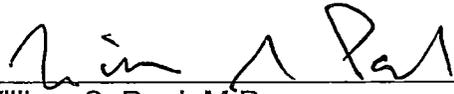
(2) The recipient agrees that any subawards it makes under this agreement will require the subrecipient to comply with the requirements in (b)(1) if the subrecipient's network or information system is connected to EPA networks to transfer data to the Agency using systems other than the Environmental Information Exchange Network or EPA's Central Data Exchange. The recipient will be in compliance with this condition: by including this requirement in subaward agreements; and during

subrecipient monitoring deemed necessary by the recipient under 2 CFR 200.331(d), by inquiring whether the subrecipient has contacted the EPA Project Officer. Nothing in this condition requires the recipient to contact the EPA Project Officer on behalf of a subrecipient or to be involved in the negotiation of an Interconnection Service Agreement between the subrecipient and EPA.

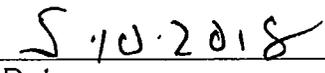
EPA 103 AIR POLLUTION
AMENDMENT #4

IN WITNESS WHEREOF, the parties have by their duly authorized representatives set their signatures.

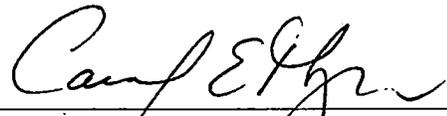
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY



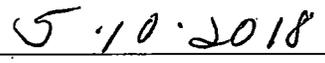
William S. Paul, M.D.
Director, Metro Public Health Department



Date

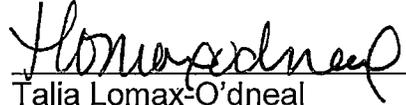


Carol Etherington, MSN, RN, FAAN
Chair, Board of Health



Date

APPROVED AS TO AVAILABILITY OF FUNDS:



Talia Lomax-O'dneal
Director, Department of Finance 

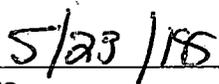


Date

APPROVED AS TO RISK AND INSURANCE:



Director of Risk Management Services



Date

APPROVED AS TO FORM AND LEGALITY:



Metropolitan Attorney



Date

David Briley
Metropolitan Mayor

Date

ATTEST:

Metropolitan Clerk

Date