8	2			BG	- 98392506 - 0	Page 1		
			GRANT NUMBER (FA	•	506			
UNITED STATES	U.S. ENVIR	ONMENTAL	MODIFICATION NUM			OF AWARD		
2 0 5	PROTECTIO	N AGENCY	PROGRAM CODE: TYPE OF ACTION	BG	09/24/20			
	FROILOIR	AGENCI	New		10/01/20	G DATE		
MANAL PROTECTION	Cooperative	Cooperative Agreement			ACH# 30359			
RECIPIENT TYPE:			Send Payment Regu	est to:				
State			N/A					
RECIPIENT:			PAYEE:					
VA Dept of Environmental Quality 1111 E Main St Richmond, VA 23219-3531 EIN: 54-1661753			VA Dept of Environme 1111 E Main St Richmond, VA 23219-					
PROJECT MANAGER	EPA PROJECT OFFICE	R	EPA GRANT	SPECIALIST				
PROSECT MANAGER     EPA PROSECT OFFICE       Kizmet Alonzo     Tracy Clarke       1111 E Main St     1650 Arch Street, 3PM00       Richmond, VA 23219-3531     Philadelphia, PA 19103-2       E-Mail: kizmet.alonzo@deq.virginia.gov     E-Mail: Clarke.Tracy@ep       Phone: 804-698-4270     Phone: 215-814-5267			2029		udit Management strong.Donna@ep			
environmental priorities, agreement funds statewi risk from toxic air polluta reduce chemical and bio This action provides fund Prevention - \$31,850, Br EPA-R3-WPDG-18-19 is \$80,000) awarded under	Performance Partnership Grant This agreement provides funding for the operation of the VADEQ's continuing environmental programs while giving it greater flexibility to address its highest environmental priorities, improve environmental performance, achieve administrative savings and strengthen the partnership between VADEQ and EPA. This agreement funds statewide programs to support ongoing environmental management efforts to increase the number of people breathing cleaner air; reduce risk from toxic air pollutants; improve water quality; provide safe drinking water; clean-up and reuse contaminated land; manage hazardous wastes properly; reduce chemical and biological risks; protect wetlands and, improve compliance through monitoring and enforcement. This action provides funds for continuing environmental programs (CEP) as follows - 105 - \$12,000, 106 Monitoring - \$243,085, RCRA - \$907,299, Pollution Prevention - \$31,850, Brownfields - \$493,169. \$174,324 in State Wetlands competitive funding (out of a total 2018-19 amount of \$348,648) awarded under EPA-R3-WPDG-18-19 is obligated as a part of this new award funding action. \$31,850 in Pollution Prevention competitive funding (out of a total amount of \$80,000) awarded under EPA-HQ-OPPT-2018-001 is obligated as a part of this new award funding action. This action provides a grand total of \$1,861,727 in incremental funding. Federal Funds in the amount of \$25,944,631 are contingent upon availability.							
BUDGET PERIOD 11/01/2018 - 09/30/202		<b>F PERIOD</b> 8 - 09/30/2021	<b>TOTAL BUDGET PER</b> \$42,109,516.00	RIOD COST	TOTAL PROJEC \$42,109,516.00	CT PERIOD COST		
Protection Agency (EPA total federal funding of \$ by either: 1) drawing dow and conditions within 21 the authorized represent amendment mailing date award/amendment, and all terms and conditions	on dated 08/13/2018 includi ) hereby awards \$1,861,72 1,861,727. Recipient's sign n funds within 21 days after days after the EPA award of ative of the recipient must f . In case of disagreement, any costs incurred by the re of this agreement and any	ng all modifications and an 7. EPA agrees to cost-shar nature is not required on thi er the EPA award or amend for amendment mailing date furnish a notice of disagree and until the disagreement ecipient are at its own risk. attachments.	<ul> <li><u>66.03</u>% of all approved s agreement. The recip lment mailing date; or 2)</li> <li>If the recipient disagreement to the EPA Award is resolved, the recipien</li> </ul>	d budget period ient demonstrat not filing a noti- es with the tern Official within 2 t should not dra	costs incurred, up tes its commitmen ce of disagreemer ns and conditions 1 days after the El aw down on the fu	to and not exceeding t to carry out this award t with the award terms specified in this award, PA award or nots provided by this		
ISSUING OFFICE (GRANTS MANAGEMENT OFFICE)			AWARD APPROVAL OFFICE					
ORGANIZATION / ADD			ORGANIZATION / AD	DRESS				
US EPA Region 3, 3PN 1650 Arch Street Philadelphia, PA 19103	U.S. EPA, Region 3 Office of Policy and Ma 1650 Arch Street Philadelphia, PA 1910	3-2029						
	THE UNITED STATE	S OF AMERICA BY THE	U.S. ENVIRONMENTAL	PROTECTION	AGENCY			
Digital signature appli	Digital signature applied by EPA Award Official for Cosmo Servidio - Regional Administrator       DATE         Cecil Rodrigues - Award Official delegate       09/24/2018							

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FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
EPA Amount This Action	\$	\$ 1,861,727	\$ 1,861,727
EPA In-Kind Amount	\$	\$	\$ 0
Unexpended Prior Year Balance	\$	\$	\$ 0
Other Federal Funds	\$	\$	\$ 0
Recipient Contribution	\$	\$ 14,303,158	\$ 14,303,158
State Contribution	\$	\$	\$ 0
Local Contribution	\$	\$	\$ 0
Other Contribution	\$	\$	\$ 0
Allowable Project Cost	\$0	\$ 16,164,885	\$ 16,164,885

Assistance Program (CFDA)	Statutory Authority	Regulatory Authority
66.605 - Performance Partnership Grants 	Appropriations Act of 1996 (PL 104-134) Appropriations Act of 1998 (PL 105-65)	2 CFR 200 2 CFR 1500 40 CFR 33 and 40 CFR 35 Subpart A

Fiscal									
Site Name	Req No	FY	Approp. Code	Budget Organization	PRC	Object Class	Site/Project	Cost Organization	Obligation / Deobligation
	1803PP0023 1803PP0023 1803PP0023 1803PP0023 1803PP0023	18 18 18 18	E1 E1 E1 E1 E1	03M5 03N5 03P5 03W5 03W5 03P5	000B07 000D11 000D24 000C13	4108 4108 4108 4108 4108 4108	-		12,000 174,324 907,299 493,169 31,850 243,085
							5		1,861,727

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Table A - Object Class Category (Non-construction)	Total Approved Allowable Budget Period Cost
1. Personnel	\$22,094,754
2. Fringe Benefits	\$10,366,256
3. Travel	\$315,261
4. Equipment	\$60,500
5. Supplies	\$339,571
6. Contractual	\$2,096,525
7. Construction	\$0
8. Other	\$539,643
9. Total Direct Charges	\$35,812,510
10. Indirect Costs: % Base SEE ADMIN COND A	\$6,297,006
11. Total (Share: Recipient 33.97 % Federal 66.03 %.)	\$42,109,516
12. Total Approved Assistance Amount	\$27,806,358
13. Program Income	\$0
14. Total EPA Amount Awarded This Action	\$1,861,727
15. Total EPA Amount Awarded To Date	\$1,861,727

### Administrative Conditions

#### **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 a 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.

#### A. Indirect Costs

If the recipient does not have a previously established indirect cost rate, it agrees that it will prepare its indirect cost rate proposal and/or cost allocation plan and in accordance with 2 CFR 200.416 "Cost allocation plans and indirect cost proposals."

If EPA is the cognizant federal agency, the state recipient must send its indirect cost rate proposal within six (6) months after the close of the governmental unit's fiscal year to:

Regular Mail

Financial Analysis and Rate Negotiation Service Center Office of Acquisition Management U.S. Environmental Protection Agency 1200 Pennsylvania Avenue, NW, MC 3802R Washington, DC 20460

Mail Courier (e.g. FedEx, UPS, etc.)

Financial Analysis and Rate Negotiation Service Center Office of Acquisition Management US Environmental Protection Agency 1300 Pennsylvania Avenue, NW, 6th floor Bid and Proposal Room Number 61107 Washington, DC 20004

Electronic Submission (e.g. PDF)

OGD IndirectCost@EPA.GOV

Recipients are entitled to reimbursement of indirect costs, if they have a current rate agreement, or have submitted an indirect cost rate proposal to their cognizant federal agency for review and approval. Recipients are responsible for maintaining an approved indirect cost rate. Recipients with differences between their provisional rates and final rates are not entitled to more than the award amount, without EPA approval.

Recipients must comply with the audit requirements prescribed in 2 CFR 200.501(a).

#### **B.** Annual Federal Financial Report

Pursuant to 2 CFR 200.327 and 200.343, the recipient agrees to submit to EPA an annual Federal Financial Report (FFR) (SF-425) when the budget period is longer than one year. Interim reports shall be submitted no later than 90 days after the end of each reporting period.

The form is available on the internet at <u>https://www.epa.gov/grants/epa-grantee-forms</u>. All FFRs must be submitted to the Las Vegas Finance Center (LVFC) via email LVFC-grants@epa.gov.

#### C. Equipment Disposition

In accordance with 2 CFR 200.313, the recipient may keep the equipment and continue to use it on the project originally funded through the assistance agreement or on other federally funded projects whether or not the project or program continues to be supported by federal funds. The regulation at 2 CFR 200.313(b) allows State agencies to use, manage and dispose of equipment acquired under assistance agreements in accordance with State laws and procedures.

#### D. Utilization Of Small, Minority And Women's Business Enterprises

#### **GENERAL COMPLIANCE, 40 CFR, Part 33**

The recipient agrees to comply with the requirements of EPA's Disadvantaged Business Enterprise (DBE) Program for procurement activities under assistance agreements, contained in 40 CFR, Part 33.

#### MBE/WBE REPORTING, 40 CFR, Part 33, Subpart E

MBE/WBE reporting is required in annual reports. Reporting is required for assistance agreements where there are funds budgeted for procuring construction, equipment, services and supplies, including funds budgeted for direct procurement by the recipient or procurement under subawards or loans in the "Other" category that exceed the threshold amount of \$150,000, including amendments and/or modifications.

Based on EPA's review of the planned budget, this award meets the conditions above and is subject to the Disadvantaged Business Enterprise (DBE) Program reporting requirements. However, if recipient believes this award does not meet these conditions, it must provide the EPA Grant Specialist with a justification and budget detail within 21 days of the award date clearly demonstrating that, based on the planned budget, this award is not subject to the DBE reporting requirements.

The recipient agrees to complete and submit a "MBE/WBE Utilization Under Federal Grants, Cooperative Agreements and Interagency Agreements" report (EPA Form 5700-52A) on an annual basis. All procurement actions are reportable, not just that portion which exceeds \$150,000.

When completing the annual report, recipients are instructed to check the box titled "annual" in section 1B of the form. For the final report, recipients are instructed to check the box indicated for the "last report" of the project in section 1B of the form. Annual reports are due by October 30th of each year. Final reports are due by October 30th or 90 days after the end of the project period, whichever comes first.

The reporting requirement is based on total procurements. Recipients with expended and/or budgeted funds for procurement are required to report annually whether the planned procurements take place during the reporting period or not. If no budgeted procurements take place during the reporting period, the recipient should check the box in section 5B when completing the form.

MBE/WBE reports should be signed and emailed to <u>R3 MBE-WBE Reports@epa.gov</u> as a pdf file, or, if that is not possible, mailed to Hana Hyland, Small Business Program Coordinator (3DA10), U.S. EPA - Region III, 1650 Arch Street, Philadelphia, PA 19103-2029 with a courtesy copy to the EPA Grant Specialist. The current EPA Form 5700-52A can be found at the EPA Office of Small Business Program's Home Page at http://www.epa.gov/osbp/dbe\_reporting.htm;

This provision represents an approved deviation from the MBE/WBE reporting requirements as described in 40 CFR, Part 33, Section 33.502; however, the other requirements outlined in 40 CFR Part 33 remain in effect, including the Good Faith Effort requirements as described in 40 CFR Part 33 Subpart C, and Fair Share Objectives negotiation as described in 40 CFR Part 33 Subpart D and explained below.

#### FAIR SHARE OBJECTIVES, 40 CFR, Part 33, Subpart D

A recipient must negotiate with the appropriate EPA award official, or his/her designee, fair share objectives for MBE and WBE participation in procurement under the financial assistance agreements.

In accordance with 40 CFR, Section 33.411 some recipients may be exempt from the fair share objectives requirements described in 40 CFR, Part 33, Subpart D. Recipients should work with their DBE coordinator, if they think their organization may qualify for an exemption.

#### **Current Fair Share Objective/Goal**

The dollar amount of this assistance agreement or the total dollar amount of all of the recipient's financial assistance agreements in the current federal fiscal year from EPA is \$250,000, or more. The <u>Virginia</u> <u>Department of Environmental Quality</u> has negotiated the following, applicable MBE/WBE fair share objectives/goals with EPA as follows:

MBE: CONSTRUCTION 7.40; SUPPLIES 1.60; SERVICES 7.70; EQUIPMENT 5.00 WBE: CONSTRUCTION 4.80; SUPPLIES 2.50; SERVICES 3.60; EQUIPMENT 3.20

#### **Negotiating Fair Share Objectives/Goals**

In accordance with 40 CFR, Part 33, Subpart D, established goals/objectives remain in effect for three fiscal years unless there are significant changes to the data supporting the fair share objectives. The recipient is required to follow requirements as outlined in 40 CFR Part 33, Subpart D when renegotiating the fair share objectives/goals.

#### SIX GOOD FAITH EFFORTS, 40 CFR, Part 33, Subpart C

Pursuant to 40 CFR, Section 33.301, the recipient agrees to make the following good faith efforts whenever procuring construction, equipment, services and supplies under an EPA financial assistance agreement, and to require that sub-recipients, loan recipients, and prime contractors also comply. Records documenting compliance with the six good faith efforts shall be retained:

(a) Ensure DBEs are made aware of contracting opportunities to the fullest extent practicable through outreach and recruitment activities. For Indian Tribal, State and Local and Government recipients, this will include placing DBEs on solicitation lists and soliciting them whenever they are potential sources.

(b) Make information on forthcoming opportunities available to DBEs and arrange time frames for contracts and establish delivery schedules, where the requirements permit, in a way that encourages and facilitates participation by DBEs in the competitive process. This includes, whenever possible, posting solicitations for bids or proposals for a minimum of 30 calendar days before the bid or proposal closing date.

(c) Consider in the contracting process whether firms competing for large contracts could subcontract with DBEs. For Indian Tribal, State and local Government recipients, this will include dividing total requirements when economically feasible into smaller tasks or quantities to permit maximum participation by DBEs in the competitive process.

(d) Encourage contracting with a consortium of DBEs when a contract is too large for one of these firms to handle individually.

(e) Use the services and assistance of the SBA and the Minority Business Development Agency of the Department of Commerce.

(f) If the prime contractor awards subcontracts, require the prime contractor to take the steps in paragraphs (a) through (e) of this section.

#### CONTRACT ADMINISTRATION PROVISIONS, 40 CFR, Section 33.302

The recipient agrees to comply with the contract administration provisions of 40 CFR, Section 33.302.

#### BIDDERS LIST, 40 CFR, Section 33.501(b) and (c)

Recipients of a Continuing Environmental Program Grant or other annual reporting grant, agree to create and maintain a bidders list. Recipients of an EPA financial assistance agreement to capitalize a revolving loan fund also agree to require entities receiving identified loans to create and maintain a bidders list if the recipient of the loan is subject to, or chooses to follow, competitive bidding requirements. Please see 40 CFR, Section 33.501 (b) and (c) for specific requirements and exemptions.

#### E. Extension of Project/Budget Period Expiration Date

EPA has not exercised the waiver option to allow automatic one-time extensions for non-research grants under 2 CFR 200.308 (d)(2). Therefore, if a no-cost time extension is necessary to extend the period of availability of funds the recipient must submit a written request to the EPA prior to the budget/project period expiration dates. The written request must include: a written justification describing the need for additional time, an estimated date of completion, and a revised schedule for project completion including updated milestone target dates for the approved workplan activities. In addition, if there are overdue reports required by the administrative and programmatic terms and conditions of this assistance agreement, the recipient must ensure that they are submitted along with or prior to submitting the no-cost time extension request.

### Programmatic Conditions

#### A. PERFORMANCE REPORTING AND FINAL PERFORMANCE REPORT

#### Performance Reports:

The recipient shall submit, to the EPA Project Officer, **semi-annual** performance reports (preferably electronic copies), due June 15 and November 15, for the duration of the agreement. In accordance with 2 CFR 200.328, the recipient agrees to include in performance reports submitted under this agreement brief information on each of the following areas:

1) a comparison of actual accomplishments with the anticipated outputs/outcomes specified in the assistance agreement work plan;

2) reasons why anticipated outputs/outcomes were not met:

3) other pertinent information, including, when appropriate, analysis and explanation of cost overruns or high unit costs.

In accordance with 2 CFR 200.328(2)(d)(1), the recipient agrees that it will notify EPA of problems, delays, or adverse conditions which materially impair the ability to meet the outputs/outcomes specified in the assistance agreement work plan.

#### Final Performance Report:

The recipient agrees to submit two copies of the Final Performance Report to the EPA Project Officer. The Final Project Report is due within 90 days after the end of the budget/project period. Final performance reports must prominently display the three Essential Elements required for state workplans and reports.

The report will include any agreed-upon work-product(s) resulting from the project and the following:

1) an abstract or overview of the project including completed workplan activities;

2) a comparison of actual accomplishments with the anticipated outputs/outcomes specified in the assistance agreement work plan;

3) reasons why anticipated outputs/outcomes were not met:

4) other pertinent information, including, when appropriate, analysis and explanation of cost overruns or high unit costs.

5) the methods to be used to effectively disseminate project information and/or continue the benefits of this project (although the project itself may not be continuing);

6) materials generated in connection with project activities (e.g., workshop announcements, newspaper/newsletter announcements, articles or releases, press packets, pamphlets, etc.).

#### Subaward Performance Reporting

The recipient must report on its subaward monitoring activities under 2 CFR 200.331(d). Examples of items that must be reported if the pass-through entity has the information available are:

1. Summaries of results of reviews of financial and programmatic reports.

2. Summaries of findings from site visits and/or desk reviews to ensure effective subrecipient performance.

3. Environmental results the subrecipient achieved.

4. Summaries of audit findings and related pass-through entity management decisions.

5. Actions the pass-through entity has taken to correct deficiencies such as those specified at 2 CFR 200.331(e), 2 CFR 200.207 and the 2 CFR Part 200.338 Remedies for Noncompliance.

#### B. EPA's INVOLVEMENT - COOPERATIVE AGREEMENT

EPA's substantial involvement is defined in jointly developing environmental goals within a workplan; identifying specific measures of progress towards these goals; and articulating strategies and actions designed to achieve them. EPA oversees the implementation of State-authorized programs, and provides technical and analytical support for State-authorized programs. EPA's substantial involvement is met by providing input in workplans and program activities, holding regular conference calls and site visits with VADEQ to discuss progress towards environmental program management and implementation.

#### C. EQUIPMENT

The EPA Project Officer must approve the planned purchase of equipment with a unit costs of \$5,000 or more before such costs can be charged to the grant. Therefore, for any items of equipment costing \$5,000 or more, a list of equipment proposed to be purchased along with a justification as to the need for purchasing the equipment must be provided to the EPA Project Officer.

# D. COMPETENCY OF ORGANIZATIONS GENERATING ENVIRONMENTAL MEASUREMENT DATA

In accordance with EPA's Policy to Assure the Competency of Organizations Generating Environmental Measurement Data under Agency-Funded Assistance Agreements, for all awards where the maximum value of the assistance agreement will exceed \$200,000 in federal funding and the project will involve the generation or use of environmental data, the Recipient will be required to demonstrate competency prior to award. Alternatively, where a pre-award demonstration of competency is not practicable, the Recipient must demonstrate competency prior to carrying out any activities under the award involving the generation or use of environmental data. The 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, including methods by which competency may be demonstrated, is available online at <u>http://www.epa.gov/fem/lab\_comp.htm</u>

#### E. QUALITY MANAGEMENT PLAN (QMP)

Grantees implementing environmental programs that include: 1) direct measurement, sampling or

observation activities, 2) environmental modeling, 3) use of existing data, 4) use of survey results, or 5) calculation of environmental outcomes must prepare and implement a Quality Management Plan. The grantee shall submit to the EPA Project Officer (PO) an approvable QMP within 45 days of receipt of this agreement. The PO will forward the QMP to the EPA QA staff for review and approval. No data collection/use activities may occur until the QMP has been reviewed and approved by EPA.

#### F. QUALITY ASSURANCE PROJECT PLAN

Grantees implementing environmental projects that include: 1) direct measurement, sampling or observation activities, 2) environmental modeling, 3) use of existing data, 4) use of survey results, or 5) calculation of environmental outcomes must prepare and implement a Quality Assurance Project Plan (QAPP). The grantee shall submit to the EPA Project Officer (PO) an approvable QAPP within 45 days of receipt of this agreement. The PO will review the QAPP to insure that it meets programmatic needs, is consistent with the approved workplan and includes all of the required QAPP elements. Once approved by the EPA PO, the QAPP is forwarded to the EPA QA staff for review and approval. No data collection/use activities may occur until the QAPP has been reviewed and approved by EPA.

#### G. STATE GRANT CYBERSECURITY CONDITION

(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 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) 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.

#### 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. Information Collection Requirements

EPA and the recipient agree to comply with the requirements of the Paperwork Reduction Act in completing the project. Because the scope of work includes a survey, a questionnaire or similar

information-gathering activity, the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.), requires EPA to obtain Office of Management and Budget (OMB) clearance prior to the recipient's collection of information by means of identical questions posed to 10 or more persons.

The recipient will provide to the EPA Project Officer the following information: (1) description of the information to be collected; (2) explanation of the need for the information; and (3) to whom the survey is being directed.

#### J. MAINTENANCE OF EFFORT (MOE)

The following Maintenance of Effort (MOE) amounts are being established as the base for the referenced categorical grant programs:

Program MOE Base Amount

Air Pollution Control - Section 105 \$2,869,822

Water Pollution Control - Section 106 \$1,112,491

If the recipient decides to withdraw any or all of these programs from the PPG and seek funding for the program(s) under a categorical grant, the MOE requirement for the new categorical grant will be no less than the amounts cited above.

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			GRANT NUMBER (F/		06		
UNITED STATES	U.S. ENVIR	ONMENTAL	MODIFICATION NUN	IBER: 1	DATE OF AWARD		
5 0 8	ACARDON APPEARS PROVIDED AND APPEARS AND APPEARS		PROGRAM CODE:	BG	12/20/2018		
	PROTECTIC	N AGENCY	TYPE OF ACTION		MAILING DATE		
			Augmentation: Increas		12/27/2018		
The strong	Assistance	Amendment	ASAP		ACH# 30359		
AL PROTECT	RECIPIENT TYPE:		2. 2012 C. 201		30359		
State			Send Payment Request to: N/A				
RECIPIENT:			PAYEE:				
VA Dept of Environmental Quality			VA Dept of Environme	ental Quality			
1111 E Main St			1111 E Main St				
Richmond, VA 23219-3	531		Richmond, VA 23219	-3531			
EIN: 54-1661753							
PROJECT MANAGER		EPA PROJECT OFFICE	R	EPA GRANT S			
Kizmet Alonzo 1111 E Main St		Tracy Clarke 1650 Arch Street, 3PM00	Ĩ.	Donna Armstro	ong idit Management Branch, 3PM70		
Richmond, VA 23219-3	531	Philadelphia, PA 19103-			trong.Donna@epa.gov		
E-Mail: kizmet.alonzo@		E-Mail: Clarke.Tracy@e		Phone: 215-8			
Phone: 804-698-4270		Phone: 215-814-5267	1. 199	S 2			
	PROJECT TITLE AND EXPLANATION OF CHANGES						
Performance Partnership			12 173				
This agreement provides	s funding for the operation of	f the VADEQ's continuing	environmental programs	while giving it g	reater flexibility to address its highest ership between VADEQ and EPA. This		
agreement funds statewi	ide programs to support on	poing environmental manage	pement efforts to increase	se the number of	people breathing cleaner air; reduce		
risk from toxic air polluta	nts; improve water quality;	provide safe drinking water	; clean-up and reuse co	ntaminated land;	manage hazardous wastes properly;		
reduce chemical and bio	logical risks; protect wetlan	ds and, improve compliand	e through monitoring an	d enforcement.			
This action provides fund	ds for continuing environme	ntal programs (CEB) as fal	lows 105 \$400.000 a		701		
This action provides fund	is for continuing environme	ntai programs (CEP) as for	llows - 105 - \$400,000 al	na RCRA - \$280	5,701.		
This action provides a gr	and total of \$680,701 in inc	remental funding. Federal	Funds in the amount of	\$25,264,460 are	e contingent upon availability.		
BUDGET PERIOD	PROJECT		TOTAL BUDGET PER	RIOD COST	TOTAL PROJECT PERIOD COST		
10/01/2018 - 09/30/202	21 10/01/201	8 - 09/30/2021	\$42,109,516.00		\$42,109,516.00		
		NOTICE	OF AWARD				
		NOTICE					
Based on your Application	on dated 08/13/2018 includi	ng all modifications and an	nendments the United S	tates acting by a	and through the US Environmental		
Protection Agency (EPA	) hereby awards \$680,171.	EPA agrees to cost-share	66.03% of all approved I	oudget period co	sts incurred, up to and not exceeding		
total federal funding of \$	2,541,898. Recipient's sign	ature is not required on thi	s agreement. The recip	ient demonstrate	es its commitment to carry out this award		
by either: 1) drawing dov	vn funds within 21 days afte	r the EPA award or amend	ment mailing date; or 2)	not filing a notic	e of disagreement with the award terms		
					s and conditions specified in this award,		
amendment mailing date	In case of disagreement	and until the disagreement	is resolved the recipier	official within 21	days after the EPA award or w down on the funds provided by this		
award/amendment, and	any costs incurred by the re	cipient are at its own risk.	This agreement is subje	ct to applicable E	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			ORGANIZATION / AD U.S. EPA, Region 3	DRESS			
US EPA Region 3, 3PM 1650 Arch Street	US EPA Region 3, 3PM70				22		
1650 Arch Street Office of Policy and Management 3PM00 Philadelphia, PA 19103-2029 1650 Arch St.					00		
r madopna, i A 1910c			Philadelphia, PA 1910	3			
	THE UNITED STATE	S OF AMERICA BY THE			AGENCY		
Digital signature and	a theat administration to be a				DATE		
Digital signature appl	ied by EPA Award Official	See 2014 2014 2014 명종 2014 문동을 방송하지 않았다. 2014 2014 전 20			12/20/2018		
		Cecil Roarigues - /	Award Official delegate				

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FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
EPA Amount This Action	\$ 1,861,727	\$ 680,171	\$ 2,541,898
EPA In-Kind Amount	\$ 0	\$	\$ 0
Unexpended Prior Year Balance	\$ 0	\$	\$0
Other Federal Funds	\$ 0	\$	\$0
Recipient Contribution	\$ 14,303,158	\$	\$ 14,303,158
State Contribution	\$ 0	\$	\$ 0
Local Contribution	\$ 0	\$	\$ 0
Other Contribution	\$ 0	\$	\$0
Allowable Project Cost	\$ 16,164,885	\$ 680,171	\$ 16,845,056

Assistance Program (CFDA)	Statutory Authority	Regulatory Authority
66.605 - Performance Partnership Grants	Appropriations Act of 1996 (PL 104-134) Appropriations Act of 1998 (PL 105-65)	2 CFR 200 2 CFR 1500 40 CFR 33 and 40 CFR 35 Subpart A
4 <sub>12</sub>		

	Fiscal								
Site Name	Req No	FY	Approp. Code	Budget Organization	PRC	Object Class	Site/Project	Cost Organization	Obligation / Deobligation
	1903PP0001 1903PP0001	19 19			000A04 000D11	4108			400,000 280,701
									680,701

#### BG - 98392506 - 1 Page 3

Table A - Object Class Category (Non-construction)	Total Approved Allowable Budget Period Cost
1. Personnel	\$22,094,754
2. Fringe Benefits	\$10,366,256
3. Travel	\$315,261
4. Equipment	\$60,500
5. Supplies	\$339,571
6. Contractual	\$2,096,525
7. Construction	\$0
8. Other	\$539,643
9. Total Direct Charges	\$35,812,510
10. Indirect Costs: % Base SEE ADMIN COND A	\$6,297,006
11. Total (Share: Recipient 33.97 % Federal 66.03 %.)	\$42,109,516
12. Total Approved Assistance Amount	\$27,806,358
13. Program Income	\$0
14. Total EPA Amount Awarded This Action	\$680,171
15. Total EPA Amount Awarded To Date	\$2,541,898

### Administrative Conditions

#### General Terms and Conditions has been updated as follows:

#### **General Terms and Conditions**

The General Terms and Conditions of this agreement are updated in accordance with the link below. However, these updated conditions apply solely to the funds added with this amendment and any previously awarded funds not yet disbursed by the recipient as of the award date of this amendment. The General Terms and Conditions cited in the original award or prior funded amendments remain in effect for funds disbursed by the recipient prior to the award date of this amendment.

The recipient agrees to comply with the current EPA general terms and conditions available at: <u>https://www.epa.gov/grants/epa-general-terms-and-conditions-effective-october-1-2018</u> These terms and conditions are binding for disbursements and are in addition to or modify the assurances and certifications made as a 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 <u>http://www.epa.gov/grants/grant-terms-and-conditions.</u>

ALL OTHER ADMINISTRATIVE AND PROGRAMMATIC TERMS AND CONDITIONS REMAIN THE SAME.

				BG -	98392506 - 4 P	age 1	
			GRANT NUMBER (FAI				
UNITED STATES	U.S. ENVIR	ONMENTAL	MODIFICATION NUMB		DATE OF		
ي آر ا	PROTECTIO		PROGRAM CODE: TYPE OF ACTION	BG	09/11/201 MAILING		
	PROTECTIC	N AGENCI	Augmentation: Increase		09/16/201		
	Assistance	Amendment	PAYMENT METHOD:		ACH#		
MAL PROTECTIC	Assistance		ASAP		30359		
RECIPIENT TYPE: State			Send Payment Reques	st to:			
RECIPIENT:			PAYEE:				
VA Dept of Environme	ntal Quality		VA Dept of Environmen	tal Quality			
1111 E Main St	2524		1111 E Main St Richmond, VA 23219-3	531			
Richmond, VA 23219- EIN: 54-1661753	3331		Nonnona, VA 20210-0	001			
PROJECT MANAGER		EPA PROJECT OFFICE	R	EPA GRANT	SPECIALIST		
Kizmet Alonzo		Tracy Clarke		Donna Armstr			
1111 E Main St		1650 Arch Street, 3MD60			idit Management B		
Richmond, VA 23219- E-Mail: kizmet.alonzo		Philadelphia, PA 19103- E-Mail: Clarke.Tracy@e		Phone: 215-8	trong.Donna@epa. 14-5393	.gov	
Phone: 804-698-4270		Phone: 215-814-5267	pa.gov	1 110110. 210 0			
PROJECT TITLE AND EXPLANATION OF CHANGES							
Performance Partnersh	ip Grant				1071 (ayun 147 madaritit 18		
This agreement provide	es funding for the operation of improve environmental per	of the VADEQ's continuing	environmental programs v	while giving it g	reater flexibility to a	address its highest	
	wide programs to support on						
risk from toxic air pollut	ants; improve water quality;	provide safe drinking water	; clean-up and reuse con	taminated land	d; manage hazardo	us wastes properly;	
reduce chemical and b	iological risks; protect wetlar	nds and, improve compliance	e through monitoring and	enforcement;	and manage non po	pint source pollution.	
This action provides full RCRA \$427 634 Brow	nds for continuing environme nfields \$486,626, 319 \$1,55	ental programs (CEP) as fo 7 100 (\$1 547 100 Cash/\$1	10WS - 105 AIr \$1,934,325 0 000 in-kind) and F ente	o, 106 \$352,27	5, vvetiands \$174,3	324, PZ \$47,638,	
This amendment increa	ases the grant by a total of \$	3,258,599. Reduces 105 A	r by \$13,048, 106 Base by	y \$34,000, and	Brownfields by \$6	,543. Increases 106	
Monitoring by \$109,190	), RCRA In-Kind \$8,000, E e	enterprise RCRA \$100,000.	Adds 319 program with \$				
	grand total of \$5,079,922 (C nount of \$18,648,607 are co		),000).				
recerar funds in the an		nungent upon availability.					
BUDGET PERIOD	PROJEC	T PERIOD	TOTAL BUDGET PERI	OD COST	TOTAL PROJEC	T PERIOD COST	
10/01/2018 - 09/30/20	021 10/01/201	18 - 09/30/2021	\$51,684,666.00 \$51,684,666.00				
		NOTICE	OF AWARD				
	tion dated 08/13/2018 includ						
	A) hereby awards \$5,069,92 \$12,646,129. Recipient's si						
	wing down funds within 21 d						
terms and conditions w	ithin 21 days after the EPA	award or amendment mailir	g date. If the recipient dis	sagrees with th	ne terms and condit	tions specified in this	
	epresentative of the recipier						
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 / AD	ORGANIZATION / ADD	DRESS					
US EPA Region 3, 3M	ID70		U.S. EPA, Region 3 Mission Support Divisior	31000			
1650 Arch Street Philadelphia, PA 1910	03-2029		1650 Arch St.				
r maaopina, i vi tori			Philadelphia, PA 19103	3			
	THE UNITED STAT	ES OF AMERICA BY THE	U.S. ENVIRONMENTAL	PROTECTION	AGENCY		
Digital signature apr	olied by EPA Award Officia	I for Cosmo Servidio - Rec	ional Administrator			DATE	
- g. u. o.g. u.u. o up			ard Official delegate			09/11/2019	

BG - 98392506 - 4 Page 2

FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
EPA Amount This Action	\$ 7,566,207	\$ 5,069,922	\$ 12,636,129
EPA In-Kind Amount	\$ 0	\$ 10,000	\$ 10,000
Unexpended Prior Year Balance	\$ 0	\$	\$ 0
Other Federal Funds	\$ 0	\$	\$ 0
Recipient Contribution	\$ 14,303,158	\$ 6,086,772	\$ 20,389,930
State Contribution	\$ 0	\$	\$ 0
Local Contribution	\$ 0	\$	\$ 0
Other Contribution	\$ 0	\$	\$ 0
Allowable Project Cost	\$ 21,869,365	\$ 11,166,694	\$ 33,036,059

Assistance Program (CFDA)	Statutory Authority	Regulatory Authority
66.605 - Performance Partnership Grants	Appropriations Act of 1996 (PL 104-134) Appropriations Act of 1998 (PL 105-65)	2 CFR 200 2 CFR 1500 40 CFR 33 and 40 CFR 35 Subpart A

	Fiscal								
Site Name	Req No	FY	Approp. Code	Budget Organization	PRC	Object Class	Site/Project	Cost Organization	Obligation / Deobligation
	1903PP0015 1903PP0015 1903PP0015 1903PP0015 1903PP0015 1903PP0015 1903PP0015 1903PP0015	19 19 19 19 18 19	E1 E1 E1	03P5 03P5 03L5 03P5 03P5 03P5	000B06XP1	4108 4108 4108 4108 4108 4108 4108 4108	-		1,934,325 352,275 486,626 427,634 1,547,100 100,000 47,338 174,324 300
									5,069,922

#### BG - 98392506 - 4 Page 3

Table A - Object Class Category (Non-construction)	Total Approved Allowable Budget Period Cost
1. Personnel	\$22,975,009
2. Fringe Benefits	\$10,782,200
3. Travel	\$326,982
4. Equipment	\$167,452
5. Supplies	\$357,917
6. Contractual	\$2,369,404
7. Construction	\$0
8. Other	\$8,157,824
9. Total Direct Charges	\$45,136,788
10. Indirect Costs: % Base See Condition #15 under Admin General Terms and Conditions	\$6,547,878
11. Total (Share: Recipient 39.45 % Federal 60.55 %.)	\$51,684,666
12. Total Approved Assistance Amount	\$31,294,736
13. Program Income	\$0
14. Total EPA Amount Awarded This Action	\$5,079,922
15. Total EPA Amount Awarded To Date	\$12,646,129

### **Programmatic Conditions**

#### PROGRAMMATIC CONDITION J HAS BEEN UPDATED AS FOLLOWS:

#### J. MAINTENANCE OF EFFORT (MOE) (revised)

The following Maintenance of Effort (MOE) amounts are being established as the base for the referenced categorical grant programs:

Program	MOE Base Amount
Air Pollution Control - Section 105	\$2,869,822
Water Pollution Control - Section 106	\$1,112,491
Nonpoint Source – Section 319	\$3,030,886

If the recipient decides to withdraw any or all of these programs from the PPG and seek funding for the program(s) under a categorical grant, the MOE requirement for the new categorical grant will be no less than the amounts cited above.

#### PROGRAMMATIC CONDITIONS K THROUGH T HAVE BEEN ADDED AS FOLLOWS:

#### K. GRTS

The recipient shall enter all mandated data elements and Project Evaluations into the GRTS for NPS projects funded under § 319 of the Clean Water Act, and any other data and/or information required by the EPA, according to deadlines specified by EPA.

Initial data entry is due 90 days from award and includes all mandated data elements except the geographic area (if still to be determined), best management practices (BMPs) and load reduction data. The recipient will report BMP and load reduction data as projects are implemented. At a minimum, the BMP and load reduction data will be reported by February 15th of each year for projects implementing BMPs in the previous year.

#### L. STORET Data Reporting

The recipient agrees to enter water quality monitoring data, for data collected in a waterbody pursuant to the implementation of a § 319 project, into EPA's "storage and retrieval" (STORET) data system. All water quality data generated with § 319 funding, either directly or by sub-award, are required to be transmitted into the STORET data warehouse using either the Water Quality Exchange (WQX) or WQXweb. When uploading data through WQX or WQXweb, data should be identified as 319 grant related by providing project ID **CWA319** in the data submission. If you have an existing project ID, please include this in addition to data collected using 319 funds. Please contact the STORET helpdesk (<u>Storet@epa.gov</u>) if you need assistance assigning multiple project IDs to a dataset.

#### M. Sufficient Progress/ Satisfactory Progress

EPA may terminate the assistance agreement for failure of the recipient to make sufficient progress so as to reasonably ensure completion of the project within the project period, including any extensions. EPA will measure sufficient progress by examining the performance required under the workplan in conjunction with the milestone schedule, the time remaining for performance within the project period, and/or the availability of funds necessary to complete the project. In determining sufficient progress, EPA may also consider the rate of expenditure of funds (unliquidated obligations), as well as the findings from the most recent § 319 performance and progress determination §319 (h)(8). (See EPA's *Guidance and Checklist for Determining Progress of State NPS Management Programs and Performance of CWA Section 319 Grants*.)

#### N. Watershed-based Plans

Under the § 319 guidelines, use of §319 "watershed project" funds requires that a watershed-based plan which includes all of the information in elements (a)-(i) as described in the § 319 grant guidelines or an acceptable alternative plan be completed prior to implementation of on- the-ground projects. The recipient shall ensure a watershed-based plan or acceptable alternative plan is completed prior to beginning to implement any on-the-ground project with § 319 watershed project funds.

The recipient shall provide a copy of all draft watershed-based plans/alternative plan funded as well as any available information regarding the status of implementation activities and results, including but not limited to any reports on BMP's implemented; contributions of funds by other sources to assist in implementation of the watershed-based plans (to the extent this information is readily available to the State); results achieved; and other relevant and appropriate information to EPA for review and acceptance prior to funding any activities utilizing § 319 funds.

#### O. Operation and Maintenance

The recipient will assure the continued proper operation and maintenance of all nonpoint source management practices that have been implemented for projects funded under this agreement. Such practices shall be operated and maintained for the expected lifespan of the specific practice and in accordance with commonly accepted standards. The recipient shall include a provision in every applicable sub-agreement (subgrant or contract) awarded under this grant requiring that the management practices for the project be properly operated and maintained. Likewise, the sub- agreement will assure that similar provisions are included in any sub-agreements that are awarded by the sub-recipient.

#### P. Public Awareness Options

https://www.epa.gov/grants/clean-water-act-section-319-non-point-source-assistance-agreements-publicawareness-terms-and

#### I. Outreach Signage Requirements

If the 319 award includes an outreach component, the recipient agrees to provide signage that informs the public that the project is funded by EPA. The signage shall contain the EPA logo. To obtain the appropriate EPA logo or seal graphic file, the recipient should send a request directly to OPA and include the EPA Project Officer in the communication. Instructions for contacting OPA are available at: <a href="http://www2.epa.gov/stylebook/using-epa-seal-and-logo">http://www2.epa.gov/stylebook/using-epa-seal-and-logo</a>. The EPA Logo will be displayed meeting the following specifications:

http://www.epa.gov/ogd/tc/epa\_logo\_seal\_specifications\_for\_infrastructure\_grants.pdf . If the physical design of the sign allows, it should also include the following text:

"This project has been funded by the United States Environmental Protection Agency"

or

"This cooperative project has been funded in part by the United States Environmental Protection Agency"

Exceptions to including the EPA logo may be made by the Regional 319 Coordinator on recommendation by the State.

#### II. <u>Announcements</u>

The grant recipient agrees that announcements through the web or print materials for workshops, conferences, demonstration days or other events as part of a project funded by a 319 assistance agreement shall contain a statement that the materials or conference has been funded by the United States Environmental Protection Agency.

III. <u>Public or Media Events</u>

The Recipient agrees to notify the EPA Project Officer listed in this award document of public or media events publicizing the accomplishment of significant events related to construction projects as a result of this agreement, and provide the opportunity for attendance and participation by federal representatives

with at least ten (10) working days notice.

#### IV. Limited English Proficiency Communities

To increase public awareness of projects serving communities where English is not the predominant language, recipients are encouraged to include in their outreach strategies communication in non-English languages. Translation costs for this purpose are allowable, provided the costs are reasonable.

#### Q. Permits

The recipient agrees to ensure that all necessary permits (such as Clean Water Act § 404) are obtained prior to implementation of any grant funded activity that may fall under applicable federal, state or local laws. The subgrantee's project implementation plan must identify permits that may be needed to complete work plan activities. The recipient must keep documentation regarding necessary permits in the project file. EPA approval of a workplan does not imply nor guarantee that a federal, state, or local permit will be issued for a particular activity.

#### **R.** Participation in Regional and National Meetings

The recipient agrees to attend National and Regional NPS Program meetings, teleconferences, training sessions and webinars, as scheduled, unless agreed upon in advance by the EPA Project Officer. In order to permit EPA to assess the adequacy of program progress, the recipient agrees to annually participate in a detailed on-site evaluation. This evaluation schedule will be negotiated by the recipient and the EPA State Program Manager. The State agrees to budget for one yearly trip to the EPA Regional office in Philadelphia, in the event that the parties agree that such an evaluative visit to the EPA Regional office is necessary to assess the adequacy of program progress.

#### S. NPS Success Stories

The recipient must draft and submit to EPA all applicable NPS program success stories which highlight projects resulting in the restoration of waterbodies. These stories shall be submitted through the success story database in GRTS. A minimum of one water quality restoration (category 1) Success Story or two water quality improvement (category 2) as described at

http://www.epa.gov/owow\_keep/NPS/Success319/pdf/storyformat0607.pdf is/are required each year.

#### T. TMDLs Developed Under Section 319 Grant

For each § 319-funded TMDL, the recipient will provide the following supplemental information to support the load allocations specified in the TMDL: (1) an identification of total NPS existing loads and total NPS load reductions necessary to meet water quality standards, by source type; (2) a detailed identification of the causes and sources of NPS pollution by source type to be addressed in order to achieve the load reductions specified in the TMDL (e.g., acres of various row crops, number and size of animal feedlots, acres and density of residential areas); and (3) an analysis of the NPS management measures by source type expected to be implemented to achieve the necessary load reductions, with the recognition that adaptive management may be necessary during implementation.

# ALL OTHER ADMINISTRATIVE AND PROGRAMMATIC TERMS AND CONDITIONS REMAIN THE SAME

				BG	- 98392506 - 8 P	age 1	
UNITED STATES	U.S. ENVIR		GRANT NUMBER (FA MODIFICATION NUM PROGRAM CODE:	,		<b>F AWARD</b>	
OBINN GERNO	PROTECTIC	ON AGENCY	TYPE OF ACTION Augmentation: Increase		MAILING 07/10/202		
RECIPIENT TYPE:	Assistance Amendment		PAYMENT METHOD: ASAP		<b>ACH#</b> 30359		
RECIPIENT TYPE: State			Send Payment Request to: N/A				
RECIPIENT:			PAYEE:				
VA Dept of Environmen 1111 E Main St Richmond, VA 23219-3 EIN: 54-1661753	VA Dept of Environmental Quality 1111 E Main St Richmond, VA 23219-3531						
PROJECT MANAGER EPA PROJECT OFFIC			R	EPA GRANT			
Kizmet Alonzo 1111 E Main St Richmond, VA 23219-3 <b>E-Mail:</b> kizmet.alonzo@ <b>Phone:</b> 804-698-4270		Tracy Clarke 1650 Arch Street, 3MD60 Philadelphia, PA 19103-2 E-Mail: Clarke.Tracy@e Phone: 215-814-5267	2029		udit Management B strong.Donna@epa.		
agreement funds statewi risk from toxic air polluta reduce chemical and bio This action provides a gr \$1,557,900. Federal funds in the amo ALL OTHER ADMINISTI	de programs to support on nts; improve water quality; logical risks; protect wetlan and total of \$2,347,315 in punt of \$8,605,241 are cont RATIVE AND PROGRAMM	ATIC TERMS AND CONDI	gement efforts to increas ; clean-up and reuse co e through monitoring an 33,782, 106 Monitoring - TIONS REMAIN THE S	Se the number o ontaminated land d enforcement; \$266,730, Brov AME.	f people breathing of d; manage hazardo and manage non p vnfields - \$488,903,	cleaner air; reduce us wastes properly; oint source pollution. , and <mark>319 -</mark>	
BUDGET PERIOD 10/01/2018 - 09/30/202	21 <b>PROJEC</b> 10/01/201	<b>F PERIOD</b> 8 - 09/30/2021	TOTAL BUDGET PERIOD COST         TOTAL PROJECT PEF           \$51,871,397.00         \$51,871,397.00		F PERIOD COST		
NOTICE OF AWARD         Based on your Application dated 08/13/2018 including all modifications and amendments, the United States acting by and through the US Environmental Protection Agency (EPA) hereby awards \$2,347,315. EPA agrees to cost-share 60.69% of all approved budget period costs incurred, up to and not exceeding total federal funding of \$22,876,226. 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)							
ORGANIZATION / ADD	ORGANIZATION / AD						
US EPA Region 3, 3MD70 1650 Arch Street Philadelphia, PA 19103-2029 U.S. EPA, Region U.S. EPA, Region U.S. EPA, Region 1650 Arch Street Philadelphia, PA 19103-2029 Philadelphia, PA				on 3MD00			
	THE UNITED STATE	ES OF AMERICA BY THE	U.S. ENVIRONMENTAL	PROTECTION	AGENCY		
Digital signature applied by EPA Award Official for Cosmo Servidio - Regional Administrator       DATE         Diana Esher - Award Official delegate       07/08/2020							

BG - 98392506 - 8 Page 2

FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
EPA Amount This Action	\$ 20,518,911	\$ 2,347,315	\$ 22,866,226
EPA In-Kind Amount	\$ 10,000	\$	\$ 10,000
Unexpended Prior Year Balance	\$ 0	\$	\$ 0
Other Federal Funds	\$ 0	\$	\$ 0
Recipient Contribution	\$ 20,389,930	\$	\$ 20,389,930
State Contribution	\$ 0	\$	\$ 0
Local Contribution	\$ 0	\$	\$ 0
Other Contribution	\$ 0	\$	\$ 0
Allowable Project Cost	\$ 40,918,841	\$ 2,347,315	\$ 43,266,156

Assistance Program (CFDA)	Statutory Authority	Regulatory Authority
66.605 - Performance Partnership Grants		2 CFR 200 2 CFR 1500 40 CFR 33 and 40 CFR 35 Subpart A

				Fiscal					
Site Name	Req No	FY	Approp. Code	Budget Organization	PRC	Object Class	Site/Project	Cost Organization	Obligation / Deobligation
-	2003PP0019 2003PP0019 2003PP0019 2003PP0019	20 20	E1 E1 E1	03M5 03P5 03L5 03L5	000D24 000B06XP1	4108 4108	-		33,782 488,903 266,730 1,557,900
									2,347,315

#### BG - 98392506 - 8 Page 3

Table A - Object Class Category (Non-construction)	Total Approved Allowable Budget Period Cost
1. Personnel	\$22,975,009
2. Fringe Benefits	\$10,782,200
3. Travel	\$326,982
4. Equipment	\$167,452
5. Supplies	\$357,917
6. Contractual	\$2,556,135
7. Construction	\$0
8. Other	\$8,157,824
9. Total Direct Charges	\$45,323,519
<b>10. Indirect Costs: % Base</b> See Condition #15 under Admin General Terms and Conditions	\$6,547,878
11. Total (Share: Recipient 39.31 % Federal 60.69 %.)	\$51,871,397
12. Total Approved Assistance Amount	\$31,481,467
13. Program Income	\$0
14. Total EPA Amount Awarded This Action	\$2,347,315
15. Total EPA Amount Awarded To Date	\$22,876,226

				BG	- 98392506 - 8 P	age 1	
UNITED STATES	U.S. ENVIR		GRANT NUMBER (FA MODIFICATION NUM PROGRAM CODE:	,		<b>F AWARD</b>	
OBINN GERNO	PROTECTIC	ON AGENCY	TYPE OF ACTION Augmentation: Increase		MAILING 07/10/202		
RECIPIENT TYPE:	Assistance Amendment		PAYMENT METHOD: ASAP		<b>ACH#</b> 30359		
RECIPIENT TYPE: State			Send Payment Request to: N/A				
RECIPIENT:			PAYEE:				
VA Dept of Environmen 1111 E Main St Richmond, VA 23219-3 EIN: 54-1661753	VA Dept of Environmental Quality 1111 E Main St Richmond, VA 23219-3531						
PROJECT MANAGER EPA PROJECT OFFIC			R	EPA GRANT			
Kizmet Alonzo 1111 E Main St Richmond, VA 23219-3 <b>E-Mail:</b> kizmet.alonzo@ <b>Phone:</b> 804-698-4270		Tracy Clarke 1650 Arch Street, 3MD60 Philadelphia, PA 19103-2 E-Mail: Clarke.Tracy@e Phone: 215-814-5267	2029		udit Management B strong.Donna@epa.		
agreement funds statewi risk from toxic air polluta reduce chemical and bio This action provides a gr \$1,557,900. Federal funds in the amo ALL OTHER ADMINISTI	de programs to support on nts; improve water quality; logical risks; protect wetlan and total of \$2,347,315 in punt of \$8,605,241 are cont RATIVE AND PROGRAMM	ATIC TERMS AND CONDI	gement efforts to increas ; clean-up and reuse co e through monitoring an 33,782, 106 Monitoring - TIONS REMAIN THE S	Se the number o ontaminated land d enforcement; \$266,730, Brov AME.	f people breathing of d; manage hazardo and manage non p vnfields - \$488,903,	cleaner air; reduce us wastes properly; oint source pollution. , and <mark>319 -</mark>	
BUDGET PERIOD 10/01/2018 - 09/30/202	21 <b>PROJEC</b> 10/01/201	<b>F PERIOD</b> 8 - 09/30/2021	TOTAL BUDGET PERIOD COST         TOTAL PROJECT PEF           \$51,871,397.00         \$51,871,397.00		F PERIOD COST		
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ORGANIZATION / ADD	ORGANIZATION / AD						
US EPA Region 3, 3MD70 1650 Arch Street Philadelphia, PA 19103-2029 U.S. EPA, Region U.S. EPA, Region U.S. EPA, Region 1650 Arch Street Philadelphia, PA 19103-2029 Philadelphia, PA				on 3MD00			
	THE UNITED STATE	ES OF AMERICA BY THE	U.S. ENVIRONMENTAL	PROTECTION	AGENCY		
Digital signature applied by EPA Award Official for Cosmo Servidio - Regional Administrator       DATE         Diana Esher - Award Official delegate       07/08/2020							

BG - 98392506 - 8 Page 2

FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
EPA Amount This Action	\$ 20,518,911	\$ 2,347,315	\$ 22,866,226
EPA In-Kind Amount	\$ 10,000	\$	\$ 10,000
Unexpended Prior Year Balance	\$ 0	\$	\$ 0
Other Federal Funds	\$ 0	\$	\$ 0
Recipient Contribution	\$ 20,389,930	\$	\$ 20,389,930
State Contribution	\$ 0	\$	\$ 0
Local Contribution	\$ 0	\$	\$ 0
Other Contribution	\$ 0	\$	\$ 0
Allowable Project Cost	\$ 40,918,841	\$ 2,347,315	\$ 43,266,156

Assistance Program (CFDA)	Statutory Authority	Regulatory Authority
66.605 - Performance Partnership Grants		2 CFR 200 2 CFR 1500 40 CFR 33 and 40 CFR 35 Subpart A

	Fiscal								
Site Name	Req No	FY	Approp. Code	Budget Organization	PRC	Object Class	Site/Project	Cost Organization	Obligation / Deobligation
-	2003PP0019 2003PP0019 2003PP0019 2003PP0019	20 20	E1 E1 E1	03M5 03P5 03L5 03L5	000D24 000B06XP1	4108 4108	-		33,782 488,903 266,730 1,557,900
									2,347,315

#### BG - 98392506 - 8 Page 3

Table A - Object Class Category (Non-construction)	Total Approved Allowable Budget Period Cost
1. Personnel	\$22,975,009
2. Fringe Benefits	\$10,782,200
3. Travel	\$326,982
4. Equipment	\$167,452
5. Supplies	\$357,917
6. Contractual	\$2,556,135
7. Construction	\$0
8. Other	\$8,157,824
9. Total Direct Charges	\$45,323,519
<b>10. Indirect Costs: % Base</b> See Condition #15 under Admin General Terms and Conditions	\$6,547,878
11. Total (Share: Recipient 39.31 % Federal 60.69 %.)	\$51,871,397
12. Total Approved Assistance Amount	\$31,481,467
13. Program Income	\$0
14. Total EPA Amount Awarded This Action	\$2,347,315
15. Total EPA Amount Awarded To Date	\$22,876,226

				BG	- 98392506 - 9 F	'age 1		
			GRANT NUMBER (F	,				
UNITED STATES	U.S. ENVIR	ONMENTAL	MODIFICATION NUM	IBER: 9 BG				
A 10 5	PROTECTIC	ON AGENCY	PROGRAM CODE: BG		09/14/202 MAILING			
			Augmentation: Increas	se	09/16/20			
	Assistance	Amendment	PAYMENT METHOD:		ACH#	-		
RECIDIENT TYPE			ASAP		30359			
RECIPIENT TYPE: State			Send Payment Requ N/A	est to:	•			
RECIPIENT:			PAYEE:					
VA Dept of Environmen 1111 E Main St Richmond, VA 23219-35			VA Dept of Environme 1111 E Main St Richmond, VA 23219	-				
EIN: 54-1661753								
PROJECT MANAGER		EPA PROJECT OFFICE	R		SPECIALIST			
Kizmet Alonzo		Tracy Clarke	<b>N</b>	Donna Armst		Prench 2MD70		
1111 E Main St Richmond, VA 23219-3	531	1650 Arch Street, 3MD60 Philadelphia, PA 19103-			udit Management E strong.Donna@epa			
E-Mail: kizmet.alonzo@		E-Mail: Clarke.Tracy@e		Phone: 215-8		.901		
Phone: 804-698-4270		Phone: 215-814-5267						
PROJECT TITLE AND E Performance Partnership	EXPLANATION OF CHANG	GES						
		of the VADEQ's continuing	environemental program	s while aivina it	t areater flexibility to	address its highest		
environmental priorities,	improve environmental per	formance, achieve adminis	trative savings and stren	ngthen the partr	nership between VA	DEQ and EPA. This		
		going environmental manage						
		provide safe drinking water nds and, improve compliance						
This amendment extends	s the project period of the g	grant by one year (10/1/18-9	0/30/22) and incorporate	s the <mark>FY 2020 I</mark>	Multipurpose Grant	(\$130,854) and a		
		<ol> <li>into the PPG, increasing</li> </ol>						
their 106 program.	incluaing \$28,000 in-kina).	The recipient will use the r	nullipurpose runding to p	Surchase updat	ed water monitoning	equipment to support		
This action provides a gr		ederal funds: Multipurpose	Grant - \$130,854, P2 - \$	39,011 and RC	RA - \$320,000, and	1 <mark>105 - \$300,000</mark> .		
Federal funds in the amo	ount of \$8,024,914 are con	tingent upon availability.						
BUDGET PERIOD	PROJEC	T PERIOD	TOTAL BUDGET PEF	RIOD COST	TOTAL PROJEC	T PERIOD COST		
10/01/2018 - 09/30/202		8 - 09/30/2022	\$52,159,619.00		\$52,159,619.00			
		NOTICE (	OF AWARD					
Based on your Applicatio	n dated 08/13/2018 includ	ing all modifications and an	andments the United S	states acting by	and through the LIG	SEnvironmental		
		EPA agrees to cost-share						
total federal funding of \$	23,666,091. Recipient's si	gnature is not required on the	nis agreement. The reci	pient demonstr	ates its commitmen	it to carry out this		
		ays after the EPA award or						
award the authorized re	nin 21 days after the EPA a	award or amendment mailir it must furnish a notice of d	ig date. If the recipient of isagreement to the EPA	Award Official	ne terms and condi within 21 days after	tions specified in this		
		and until the disagreement						
		ecipient are at its own risk.	This agreement is subje	ect to applicable	e EPA regulatory ar	d statutory provisions,		
all terms and conditions of this agreement and any attachments.         ISSUING OFFICE (GRANTS MANAGEMENT OFFICE)         AWARD APPROVAL OFFICE								
ORGANIZATION / ADD			ORGANIZATION / AD					
US EPA Region 3, 3MI			U.S. EPA, Region 3	211200				
1650 Arch Street			Mission Support Divisi	on 3MD00				
Philadelphia, PA 19103-2029 1650 Arch St.								
Philadelphia, PA 19103 THE UNITED STATES OF AMERICA BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY								
				. PROTECTION		DATE		
Digital signature appl	ied by EPA Award Officia	I for Cosmo Servidio - Reg				<b>DATE</b> 09/14/2020		
		Diana Esher - Awa	ard Official delegate			50/17/2020		

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FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
EPA Amount This Action	\$ 22,866,226	\$ 789,865	\$ 23,656,091
EPA In-Kind Amount	\$ 10,000	\$	\$ 10,000
Unexpended Prior Year Balance	\$ 0	\$	\$ 0
Other Federal Funds	\$ 0	\$	\$ 0
Recipient Contribution	\$ 20,389,930	\$ 78,684	\$ 20,468,614
State Contribution	\$ 0	\$	\$ 0
Local Contribution	\$ 0	\$	\$ 0
Other Contribution	\$ 0	\$	\$ 0
Allowable Project Cost	\$ 43,266,156	\$ 868,549	\$ 44,134,705

Assistance Program (CFDA)	Statutory Authority	Regulatory Authority
66.605 - Performance Partnership Grants 		2 CFR 200 2 CFR 1500 40 CFR 33 and 40 CFR 35 Subpart A

	Fiscal								
Site Name	Req No	FY	Approp. Code	Budget Organization	PRC	Object Class	Site/Project	Cost Organization	Obligation / Deobligation
-	2003PP0024 2003PP0024 2003PP0024 2003PP0024	20 20	E1 E1 E1	03J5 03P5 03M5 03P5	000D11 000A04	4108 4108	-		130,854 320,000 300,000 39,011
									789,865

#### BG - 98392506 - 9 Page 3

Table A - Object Class Category (Non-construction)	Total Approved Allowable Budget Period Cost
1. Personnel	\$23,049,011
2. Fringe Benefits	\$10,816,980
3. Travel	\$330,678
4. Equipment	\$298,306
5. Supplies	\$363,717
6. Contractual	\$2,574,135
7. Construction	\$0
8. Other	\$8,157,824
9. Total Direct Charges	\$45,590,651
<b>10. Indirect Costs:</b> % Base See Condition 17 under Administrative General Terms and Conditions	\$6,568,968
11. Total (Share: Recipient 39.24 % Federal 60.76 %.)	\$52,159,619
12. Total Approved Assistance Amount	\$31,691,005
13. Program Income	\$0
14. Total EPA Amount Awarded This Action	\$789,865
15. Total EPA Amount Awarded To Date	\$23,666,091

### Administrative Conditions

#### THE ADMINISTRATIVE CONDITION BELOW HAS BEEN UPDATED AS FOLLOWS:

#### **General Terms and Conditions**

The General Terms and Conditions of this agreement are updated in accordance with the link below. However, these updated conditions apply solely to the funds added with this amendment and any previously awarded funds not yet disbursed by the recipient as of the award date of this amendment. The General Terms and Conditions cited in the original award or prior funded amendments remain in effect for funds disbursed by the recipient prior to the award date of this amendment.

The recipient agrees to comply with the current EPA general terms and conditions available at: <u>https://www.epa.gov/grants/epa-general-terms-and-conditions-effective-october-1-2019-or-later</u> These terms and conditions are binding for disbursements and are in addition to or modify the assurances and certifications made as a 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: <u>https://www.epa.gov/grants/grant-terms-and-conditions</u>.

ALL OTHER ADMINISTRATIVE AND PROGRAMMATIC TERMS AND CONDITIONS REMAIN THE SAME.

		BG - 98392506 - A Page 1					
UNITED STATES	U.S. ENVIRONMENTAL		GRANT NUMBER (F/ MODIFICATION NUM PROGRAM CODE:			<b>F AWARD</b> 20	
OBINN 4GENG	PROTECTIO	ON AGENCY	TYPE OF ACTION Augmentation: Increas	se	MAILING 11/02/202		
RECIPIENT TYPE:	Assistance	Amendment	PAYMENT METHOD: ASAP		ACH# 30359		
RECIPIENT TYPE: State			Send Payment Requ	est to:			
RECIPIENT:			PAYEE:				
VA Dept of Environmen 1111 E Main St Richmond, VA 23219-3 EIN: 54-1661753			VA Dept of Environmental Quality 1111 E Main St Richmond, VA 23219-3531				
PROJECT MANAGER		EPA PROJECT OFFICE	R	EPA GRANT	SPECIALIST		
Kizmet Alonzo 1111 E Main St Richmond, VA 23219-3 E-Mail: kizmet.alonzo@ Phone: 804-698-4270		Tracy Clarke 1650 Arch Street, 3MD60 Philadelphia, PA 19103- E-Mail: Clarke.Tracy@e Phone: 215-814-5267	) 2029	Donna Armstr Grants and A	rong udit Management B strong.Donna@epa		
Performance Partnership Grant This agreement provides funding for the operation of the VADEQ's continuing environmental programs while giving it greater flexibility to address its highest environmental priorities, improve environmental performance, achieve administrative savings and strengthen the partnership between VADEQ and EPA. This agreement funds statewide programs to support ongoing environmental management efforts to increase the number of people breathing cleaner air; reduce risk from toxic air pollutants; improve water quality; provide safe drinking water; clean-up and reuse contaminated land; manage hazardous wastes properly; reduce chemical and biological risks; protect wetlands and, improve compliance through monitoring and enforcement; and manage non point source pollution. This amendment incorporates a competitive Wetlands grant (\$151,531) into the PPG, reconciles final allocations for FFY19 and FFY20 and adds funding targets for FFY22 for several programs, increasing the total federal amount of funding by \$10,406,383 to a new grand total of federal funding of \$42,097,390 (including \$28,000 in-kind). This action provides a grand total of \$663,726 in federal funds: Wetlands - \$151,531 and RCRA - \$512,195 (including \$100,000 for 2020 workplan) and updates the terms and conditions Federal funds in the amount of \$17,767,570 (includes \$18,000 of in-kind) are contingent upon availability.							
BUDGET PERIOD 10/01/2018 - 09/30/202		<b>T PERIOD</b> 18 - 09/30/2022			<b>TOTAL PROJEC</b> \$70,349,769.00	AL PROJECT PERIOD COST 349,769.00	
		NOTICE	OF AWARD				
Based on your Application dated 08/13/2018 including all modifications and amendments, the United States acting by and through the US Environmental Protection Agency (EPA) hereby awards \$663,726. EPA agrees to cost-share <u>59.84</u> % of all approved budget period costs incurred, up to and not exceeding total federal funding of \$24,329,817. 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 / ADD			ORGANIZATION / AD	DRESS			
US EPA Region 3, 3MI 1650 Arch Street Philadelphia, PA 19103			U.S. EPA, Region 3 Mission Support Division 3MD00 1650 Arch St. Philadelphia, PA 19103				
	THE UNITED STAT	ES OF AMERICA BY THE					
Digital signature appl		I for Cosmo Servidio - Reg				<b>DATE</b> 10/29/2020	
						L	

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FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
EPA Amount This Action	\$ 23,656,091	\$ <mark>663,726</mark>	\$ 24,319,817
EPA In-Kind Amount	\$ 10,000	\$	\$ 10,000
Unexpended Prior Year Balance	\$ 0	\$	\$ 0
Other Federal Funds	\$ 0	\$	\$ 0
Recipient Contribution	\$ 20,468,614	\$ 7,783,768	\$ 28,252,382
State Contribution	\$ 0	\$	\$ 0
Local Contribution	\$ 0	\$	\$ 0
Other Contribution	\$ 0	\$	\$ 0
Allowable Project Cost	\$ 44,134,705	\$ 8,447,494	\$ 52,582,199

Assistance Program (CFDA)	Statutory Authority	Regulatory Authority
66.605 - Performance Partnership Grants		2 CFR 200 2 CFR 1500 40 CFR 33 and 40 CFR 35 Subpart A

Fiscal									
Site Name	Req No	FY	Approp. Code	Budget Organization	PRC	Object Class	Site/Project	Cost Organization	Obligation / Deobligation
	2103PP0002 2103PP0002	21		03P5 03L5	000D11 000B07	4108			512,195 151,531
									663,726

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Table A - Object Class Category (Non-construction)	Total Approved Allowable Budget Period Cost
1. Personnel	\$30,787,938
2. Fringe Benefits	\$14,380,287
3. Travel	\$415,551
4. Equipment	\$218,873
5. Supplies	\$402,674
6. Contractual	\$3,266,593
7. Construction	\$0
8. Other	\$12,103,294
9. Total Direct Charges	\$61,575,210
<b>10. Indirect Costs:</b> % Base See Condition 17 under Administrative General Terms and Conditions	\$8,774,559
11. Total (Share: Recipient 40.16 % Federal 59.84 %.)	\$70,349,769
12. Total Approved Assistance Amount	\$42,097,390
13. Program Income	\$0
14. Total EPA Amount Awarded This Action	\$663,726
15. Total EPA Amount Awarded To Date	\$24,329,817

### Administrative Conditions

#### THE CONDITION BELOW HAS BEEN UPDATED AS FOLLOWS:

#### **General Terms and Conditions**

The General Terms and Conditions of this agreement are updated in accordance with the link below. However, these updated conditions apply solely to the funds added with this amendment and any previously awarded funds not yet disbursed by the recipient as of the award date of this amendment. The General Terms and Conditions cited in the original award or prior funded amendments remain in effect for funds disbursed by the recipient prior to the award date of this amendment.

The recipient agrees to comply with the current EPA general terms and conditions available at: <u>https://www.epa.gov/grants/epa-general-terms-and-conditions-effective-october-1-2020-or-later</u>. These terms and conditions are binding for disbursements and are in addition to or modify the assurances and certifications made as a 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: <u>https://www.epa.gov/grants/grant-terms-and-conditions#general</u>.

ALL OTHER ADMINISTRATIVE AND PROGRAMMATIC TERMS AND CONDITIONS REMAIN THE SAME.

				BG - 9	8392506 - D Page 1			
UNITED STATES	U.S. ENVIRO	NMENTAL	GRANT NUMBER (FAIN) MODIFICATION NUMBE PROGRAM CODE:		6 DATE OF A 09/27/2021	WARD		
SULVING AGENCY	PROTECTIO					ATE		
			Augmentation: Increase		10/04/2021			
THUTAL PROTECTION	Assistance Amendment		PAYMENT METHOD: ASAP		<b>ACH#</b> 30359			
RECIPIENT TYPE:			Send Payment Request to		•			
State		Contact EPA RTPFC at: r	tpfc-grants@	epa.gov				
RECIPIENT:			PAYEE:					
VA Dept of Environmental Quality			VA Dept of Environmenta	I Quality				
1111 E Main St Richmond, VA 2321	0-3531		1111 E Main St Richmond, VA 23219-353	31				
EIN: 54-1661753	5-5551							
PROJECT MANAGI	ER	EPA PROJECT OFFICE		EPA GRAN	T SPECIALIST			
Kizmet Alonzo		Kenneth Rose	Donna Armstrong					
1111 E Main St		1650 Arch Street, 3MD22	5		agement Section, 3MI	Section, 3MD22		
Richmond, VA 2321	9-3531	Philadelphia, PA 19103-2			0 Arch Street			
	zo@deg.virginia.gov	E-Mail: Rose Kenneth@e			hia, PA 19103-2029			
Phone: 804-698-42		Phone: 215-814-3147			, nstrong.Donna@epa.g			
			Phone: 215-8					
PROJECT TITLE A	ND EXPLANATION OF CHANG	ES						
VADEQ FY 2019 - F	Y 2022 PPG Amendment D							
This agreement provides funding for the operation of the VADEQ's continuing environmental programs while giving it greater flexibility to address its highest environmental priorities, improve environmental performance, achieve administrative savings, and strengthen the partnership between VADEQ and EPA. This agreement funds statewide programs to support ongoing environmental management efforts to increase the number of people breathing cleaner air; reduce risk from toxic air pollutants; improve water quality; provide safe drinking water; clean-up and reuse contaminated land; manage hazardous wastes properly; reduce chemical and biological risks; protect wetlands and, improve compliance through monitoring and enforcement; and manage non-point source pollution. This amendment incorporates the FFY21 Multipurpose Grant funds of \$92,492 into the PPG, reconciles final allocations for FFY21 for multiple programs, and adds funds for FFY22. Specifically, this amendment increases FFY21 funding as follows: CAA 105 by \$105,372 and CWA 106 Base by \$65,000; and reduces FFY21 funding for RCRA by \$16,848. For FFY22 this amendment increases CWA 106 Monitoring funds by \$65,826 and Brownfields by \$481,964, while reducing RCRA funding by \$33,665. The programmatic funding changes result in an increase in federal funding to a new grand total of \$42,849,631 (including \$20,000 in-kind). This action provides a grand total of \$2,950,435 in federal funds; CAA 105 - \$186,527; CWA 106 Base - \$108,000; CWA 106 Monitoring -								
\$308,911; CWA 319H - \$1,547,500 cash and \$10,000 in-kind; P2 - \$16,816; Brownfields - \$481,964; RCRA - \$198,225; and, multipurpose grant - \$The remaining contingent amount is \$8,325,419.BUDGET PERIODPROJECT PERIODTOTAL BUDGET PERIOD COSTTOTAL PROJECT PERIOD								
10/01/2018 - 09/30/2	1/2018 - 09/30/2022 10/01/2018 - 09/30/2022		\$71,085,206.00 (D) \$71,085,206.		\$71,085,206.00	06.00		
NOTICE OF AWARD								
Based on your Application dated 08/13/2018 including all modifications and amendments, the United States acting by and through the US Environmental Protection Agency (EPA) hereby awards \$2,950,435.00. EPA agrees to cost-share <u>60.28%</u> of all approved budget period costs incurred, up to and not exceeding total federal funding of \$34,524,209.00. 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 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.								
	GOFFICE (GRANTS MANAGE	MENT OFFICE)	AWARD APPROVAL OFFICE					
ORGANIZATION / A			ORGANIZATION / ADDRESS					
US EPA Region 3, 3MD22			U.S. EPA, Region 3, Mission Support Division 3MD00					
1650 Arch Street			R3 - Region 3					
Philadelphia, PA 19103-2029			1650 Arch St. Philadelphia, PA 19103-2029					
					GENCY			
THE UNITED STATES OF AMERICA BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY         Digital signature applied by EPA Award Official for Diana Esher - Acting Regional Administrator       DATE								
						09/27/2021		

FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
EPA Amount This Action	\$31,563,774	<mark>\$2,940,435</mark>	\$34,504,209
EPA In-Kind Amount	\$10,000	\$10,000	\$20,000
Unexpended Prior Year Balance	\$0	\$0	\$0
Other Federal Funds	\$0	\$0	\$0
Recipient Contribution	\$28,252,382	(\$16,804)	\$28,235,578
State Contribution	\$0	\$0	\$0
Local Contribution	\$0	\$0	\$0
Other Contribution	\$0	\$0	\$0
Allowable Project Cost	\$59,826,156	\$2,933,631	\$62,759,787

Assistance Program (CFDA)	Statutory Authority	Regulatory Authority
66.605 - Performance Partnership Grants	1996 Appropriations Act (PL 104-134) & 1998 Appropriations Act (PL 105-65)	2 CFR 200, 2 CFR 1500, 40 CFR 33 and 40 CFR 35 Subpart A

Fiscal									
Site Name	Req No	FY	Approp. Code	Budget Oganization	PRC	Object Class	Site/Project	Cost Organization	Obligation / Deobligation
-	2103PP0021	21	E1	03L5	000B06	4108	-	-	\$108,000
-	2103PP0021	21	E1	03L5	000B06XP1	4108	-	-	\$308,911
-	2103PP0021	21	E1	03L5	000B01	4108	-	-	\$1,547,500
-	2103PP0021	21	E1	03J5	000M20	4108	-	-	\$92,492
-	2103PP0021	21	E1	03P5	000D24	4108	-	-	\$481,964
-	2103PP0021	20	E1D	03P5	000C13	4108	-	-	\$14,829
-	2103PP0021	21	E1	03P5	000D11	4108	-	-	\$198,225
-	2103PP0021	21	E1	03M5	000A04	4108	-	-	\$186,527
-	2103PP0021	21	E1	03P5	000C13	4108	-	-	\$1,987
									\$2,940,435

Budget Summary Page

Table A - Object Class Category (Non-Construction)	Total Approved Allowable Budget Period Cost		
1. Personnel	(D-1) \$31,093,454		
2. Fringe Benefits	(D-2) \$14,519,714		
3. Travel	(D-3) \$360,457		
4. Equipment	(D-4) \$350,989		
5. Supplies	(D-5) \$402,651		
6. Contractual	(D-6) \$3,373,026		
7. Construction	\$0		
8. Other	(D-7) \$12,123,284		
9. Total Direct Charges	(D-8) \$62,223,575		
10. Indirect Costs: 0.00 % Base See Condition 17 under Administrative General Terms and Conditions	(D-9) \$8,861,631		
11. Total (Share: Recipient 39.72 % Federal 60.28 %)	(D) \$71,085,206		
12. Total Approved Assistance Amount	\$42,849,631		
13. Program Income	\$0		
14. Total EPA Amount Awarded This Action	\$2,950,435		
15. Total EPA Amount Awarded To Date	\$34,524,209		

### Administrative Conditions

ALL ADMINISTRATIVE TERMS AND CONDITIONS REMAIN THE SAME.

### Programmatic Conditions

ALL PROGRAMMATIC TERMS AND CONDITIONS REMAIN THE SAME.