

	U.S. ENVIRONMENTAL PROTECTION AGENCY Cooperative Agreement	GRANT NUMBER (FAIN): 00D47816 MODIFICATION NUMBER: 0 PROGRAM CODE: BF	DATE OF AWARD 09/27/2016
		TYPE OF ACTION New	MAILING DATE 10/04/2016
		PAYMENT METHOD: ACH	ACH# 40833
RECIPIENT TYPE: Municipal		Send Payment Request to: Las Vegas Finance Center	
RECIPIENT: City of Knoxville 400 Main Street; Suite 655 Knoxville, TN 37902-2494 EIN: 62-6000326		PAYEE: City of Knoxville 400 Main Street; Suite 655 Knoxville, TN 37902-2494	
PROJECT MANAGER Anne Wallace 400 Main Street; Suite 655 Knoxville, TN 37902-2494 E-Mail: awallace@knoxvilletn.gov Phone: 865-215-2644		EPA PROJECT OFFICER Olga Perry 61 Forsyth Street Atlanta, GA 30303-8960 E-Mail: Perry.Olga@epa.gov Phone: 404-562-8534	
EPA GRANT SPECIALIST Zakiya Davis Grants and Audit Management Section E-Mail: davis.zakiya@epa.gov Phone: 404-562-8064			
PROJECT TITLE AND DESCRIPTION Brownfield Assessment and Cleanup Cooperative Agreements This action approves an award in the amount of \$350,000 to the City of Knoxville, Tennessee for the cleanup of hazardous substance and petroleum contaminants at the properties at 401, 420, 501, 505, 512, 517, 519, 523, 509 and 525 W. Jackson Ave and 625 North Broadway in Knoxville, Tennessee site(s). During the life of the project, the recipient will carry out community involvement activities to encourage redevelopment of the site such that the future reuse of the property will create/retain jobs and does not pose a threat to human health and the environment.			
BUDGET PERIOD 10/01/2016 - 09/30/2019	PROJECT PERIOD 10/01/2016 - 09/30/2019	TOTAL BUDGET PERIOD COST \$420,000.00	TOTAL PROJECT PERIOD COST \$420,000.00
NOTICE OF AWARD			
Based on your Application dated 12/17/2015 including all modifications and amendments, the United States acting by and through the US Environmental Protection Agency (EPA) hereby awards \$350,000. EPA agrees to cost-share 83.33% of all approved budget period costs incurred, up to and not exceeding total federal funding of \$350,000. 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 Resource Conservation and Restoration 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 09/27/2016

EPA Funding Information

FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
EPA Amount This Action	\$	\$ 350,000	\$ 350,000
EPA In-Kind Amount	\$	\$	\$ 0
Unexpended Prior Year Balance	\$	\$	\$ 0
Other Federal Funds	\$	\$	\$ 0
Recipient Contribution	\$	\$	\$ 0
State Contribution	\$	\$	\$ 0
Local Contribution	\$	\$ 70,000	\$ 70,000
Other Contribution	\$	\$	\$ 0
Allowable Project Cost	\$ 0	\$ 420,000	\$ 420,000

Assistance Program (CFDA)	Statutory Authority	Regulatory Authority
66.818 - Brownfields Assessment and Cleanup Cooperative Agreements	CERCLA: Sec. 101(39)	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
-	1604VT6032	16	E4	04V8AG7	301D79	4114	G4EVOQ00		200,000
-	1604VT6032	16	E4	04V8AG7	301D79	4114	G4EUOQ00		150,000
									350,000

Budget Summary Page

Table A - Object Class Category (Non-construction)	Total Approved Allowable Budget Period Cost
1. Personnel	\$0
2. Fringe Benefits	\$0
3. Travel	\$6,000
4. Equipment	\$0
5. Supplies	\$600
6. Contractual	\$413,400
7. Construction	\$0
8. Other	\$0
9. Total Direct Charges	\$420,000
10. Indirect Costs: % Base	\$0
11. Total (Share: Recipient <u>16.67</u> % Federal <u>83.33</u> %.)	\$420,000
12. Total Approved Assistance Amount	\$350,000
13. Program Income	\$0
14. Total EPA Amount Awarded This Action	\$350,000
15. Total EPA Amount Awarded To Date	\$350,000

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-march-29-2016-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>.

The applicable terms and conditions below are in addition to the general terms and conditions noted above:

1. INTERIM ANNUAL FEDERAL FINANCIAL REPORTS (FFR)

Pursuant to 2 CFR 200.327, EPA recipients shall submit an interim annual Federal Financial Report (FFR, SF-425) to EPA no later than 90 calendar days following the anniversary of the award date. The form is available on the internet at: <http://www2.epa.gov/financial/forms>.

The following reporting period end dates shall be used for interim annual reports: 3/31, 6/30, 9/30, or 12/31.

At the end of the project, the recipient must submit a final FFR to EPA, pursuant to 2 CFR 200.327 and 200.343, no later than 90 calendar days after the end of the project period. The form is available on the internet at: <http://www2.epa.gov/financial/forms>.

All FFRs must be submitted to the Las Vegas Finance Center (LVFC) via email LVFC-grants@epa.gov.

2. 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 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 sent to:

To: R4epagrantsmbewbereporting@epa.gov

and

Cc: davis.zakiya@epa.gov

Attn: Zakiya Davis

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 State of Tennessee has negotiated the following, applicable MBE/WBE fair share objectives/goals with EPA as follows:

MBE: CONSTRUCTION 2.6%; SUPPLIES 5.2%; SERVICES 5.2%; EQUIPMENT 5.2%

WBE: CONSTRUCTION 2.6%; SUPPLIES 5.2%; SERVICES 5.2%; EQUIPMENT 5.2%

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.

Programmatic Conditions

I. GENERAL FEDERAL REQUIREMENTS

A. Federal Policy and Guidance

1. a. Cooperative Agreement Recipients: By awarding this cooperative agreement, EPA has approved the proposal for the Cooperative Agreement Recipient (CAR) submitted in the Fiscal Year 2016 competition for Brownfields cleanup cooperative agreements. *However, the CAR may not expend (“draw down”) funds to carry out this agreement until the EPA Project Officer approves the final workplan.*
- b. In implementing this agreement, the CAR shall ensure that work done with cooperative agreement funds complies with the requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) § 104(k). The CAR shall also ensure that cleanup activities supported with cooperative agreement funding comply with all applicable Federal and State laws and regulations. The CAR must ensure cleanups are protective of human health and the environment.

- c. The CAR must consider whether they are required to conduct cleanups under a State or Tribal response program. If the CAR chooses not to participate in a State or Tribal response program, then the CAR is required to consult with the Environmental Protection Agency (EPA) to ensure the proposed cleanup is protective of human health and the environment.
- d. *If the State or Tribe does not have a promulgated Response Program, then the CAR is required to consult with the EPA to ensure protectiveness of human health and the environment.*
- e. A term and condition or other legally binding provision shall be included in all agreements entered into with the funds, or when funds awarded under this agreement are used in combination with non-Federal sources of funds, to ensure that recipients comply with all applicable Federal and State laws and requirements. In addition to CERCLA § 104(k), Federal applicable laws and requirements include:
- f. Federal cross-cutting requirements including, but not limited to, DBE requirements found at 40 CFR 33; OSHA Worker Health & Safety Standard 29 CFR 1910.120; the Uniform Relocation Act; National Historic Preservation Act; Endangered Species Act; and Permits required by Section 404 of the Clean Water Act; Executive Order 11246, Equal Employment Opportunity, and implementing regulations at 41 CFR 60-4; Contract Work Hours and Safety Standards Act, as amended (40 USC § 327-333) the Anti Kickback Act (40 USC § 276c) and Section 504 of the Rehabilitation Act of 1973 as implemented by Executive Orders 11914 and 11250.
- g. The CAR must comply with Davis-Bacon Act prevailing wages for all construction, alteration and repair contracts and subcontracts awarded with EPA grant funds. For more detailed information on complying with Davis-Bacon please see the Davis- Bacon Addendum to these terms and conditions. *(EPA Project Officer must attach appropriate Davis-Bacon term and condition to this particular grant.)*

B. Changes to Sites and Cleanup Methods

- 1. a. The CAR must use funds provided by this agreement to clean up the brownfield site in the EPA approved workplan. *Any changes to the boundaries of the site must be approved by EPA in a revised work plan.*
- b. The CAR may not make substantial changes to the cleanup method described in the workplan without prior EPA approval.

II. GENERAL COOPERATIVE AGREEMENT ADMINISTRATIVE REQUIREMENTS

A. Term of the Agreement

- 1. The term of this agreement is three years from the date of award, unless otherwise extended by EPA at the CAR's request.
- 2. If after 18 months from the date of award, EPA determines that the CAR has not made sufficient progress in implementing its cooperative agreement, the recipient must implement a corrective action plan approved by the EPA Project Officer or EPA may terminate this agreement for material non-compliance with its terms. For purposes of the Cleanup Grants, "sufficient progress in implementing a cooperative agreement" means that an appropriate remediation plan is in place, institutional control development, if necessary, has commenced, initial community involvement activities have taken place, relevant state or tribal pre-cleanup requirements are being addressed and a solicitation for remediation services has been issued.

B. Substantial Involvement

1. The U.S. EPA may be substantially involved in overseeing and monitoring this cooperative agreement.
 - a. Substantial involvement by the U.S. EPA generally includes administrative activities such as monitoring, review of project phases, and approving substantive terms included in professional services contracts.
 - b. Substantial EPA involvement may include review of financial and program performance reports and monitoring all reporting, record-keeping, and other program requirements.
 - c. EPA may waive any of the provisions in term and condition II.B.1. at its own initiative or upon request by the CAR. EPA will provide waivers in writing.
2. Effect of EPA's substantial involvement includes:
 - a. EPA's review of any project phase, document, or cost incurred under this cooperative agreement, will not have any effect upon CERCLA § 128 *Eligible Response Site* determinations or for rights, authorities, and actions under CERCLA or any Federal statute.
 - b. The CAR remains responsible for ensuring that all cleanups are protective of human health and the environment and comply with all applicable Federal and State laws.
 - c. The CAR remains responsible for ensuring costs are allowable under 2 CFR 200 Subpart E.

C. Cooperative Agreement Recipient Roles and Responsibilities

1. The CAR must acquire the services of a qualified environmental professional(s) to coordinate, direct, and oversee the brownfields assessment and cleanup activities at a particular site, if they do not have such a professional on staff.
2. The CAR is responsible for ensuring that contractors and subrecipients comply with the terms of their agreements with the CAR, and that agreements between the CAR and subrecipients and contractors are consistent with the terms and conditions of this agreement.
3. Subawards are defined at 2 CFR 200.92. The CAR may not subaward to for-profit organizations. The CAR must obtain commercial services and products necessary to carry out this agreement under competitive procurement procedures as described in 2 CFR Part 200.317 through 200.326. In addition, EPA policy encourages awarding subawards competitively and the CAR must consider awarding subawards through competition.
4. **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, the CAR 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, the CAR agrees to demonstrate competency prior to carrying out any activities under the award involving the generation or use of environmental data. The CAR 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.
5. *The CAR will provide project updates to the State Brownfields or Voluntary Cleanup Program (VCP) contact on a regular basis.*

- a. *The CAR will make the State aware of all site-specific sampling and/or cleanup activities to be initiated (if applicable).*
- b. *The CAR will provide the State an opportunity to review and comment on all technical reports, including QAPPs, sampling plans, ABCAs, cleanup plans, and other technical reports.*

D. Quarterly Progress Reports

1. In accordance with EPA regulations 2 CFR Parts 200 and 1500 (specifically, 200.328 *monitoring and reporting program performance*), the CAR agrees to submit quarterly progress reports to the EPA Project Officer within thirty days after each reporting period. These reports shall cover work status, work progress, difficulties encountered, preliminary data results and a statement of activity anticipated during the subsequent reporting period, including a description of equipment, techniques, and materials to be used or evaluated. A discussion of expenditures and financial status for each workplan task, along with a comparison of the percentage of the project completed to the project schedule and an explanation of significant discrepancies shall be included in the report. The report shall also include any changes of key personnel concerned with the project.

Quarterly progress reports must clearly differentiate which activities were completed with EPA funds provided under the BF Cleanup grant, versus any other funding source used to help accomplish grant activities.

In addition, the report shall include brief information on each of the following areas: 1) a comparison of actual accomplishments to the anticipated outputs/outcomes specified in the cooperative agreement work plan; 2) reasons why anticipated outputs/outcomes were not met; and 3) other pertinent information, including, when appropriate, analysis and explanation of cost overruns or high unit costs.

2. The CAR must submit progress report on a quarterly basis to the EPA Project Officer. Quarterly progress report must include:
 - a. Summary and status of approved activities performed during the reporting quarter; summary of the performance outputs/outcomes achieved during the reporting quarter; and a description of problems encountered or difficulties during the reporting quarter that may affect the project schedule.
 - b. An update on project schedule and milestones; including an explanation of any discrepancies from the approved workplan.
 - c. A budget recap summary table with the following information: current approved project budget; costs incurred during the reporting quarter; costs incurred to date (cumulative expenditures); and total remaining funds. The CAR should include an explanation of any discrepancies in the budget from the approved workplan.
3. The CAR must maintain records that will enable it to report to EPA on the amount of funds expended on the specific properties under this cooperative agreement.
4. In accordance with 2 CFR 200.328(d)(1), the CAR agrees to inform EPA as soon as problems, delays, or adverse conditions become known which will materially impair the ability to meet the outputs/outcomes specified in the approved workplan.

E. Property Profile Submission

1. The CAR must report on interim progress (i.e., cleanup started) and any final accomplishments (i.e., cleanup completed, contaminants removed, Institution Controls, Engineering Controls) by completing and submitting relevant portions of the Property Profile Form using the Brownfields Program on-line reporting system, known as Assessment, Cleanup and Redevelopment

Exchange System (ACRES). The CAR must enter the data in ACRES as soon as any interim action or final accomplishment has occurred, or within 30 days after the end of each reporting quarter. EPA will provide the CAR with training prior to obtaining access to ACRES. The training is required to obtain access to ACRES. The CAR must utilize the ACRES system unless approval is obtained from the regional Project Officer to utilize and submit the Property Profile Form instead.

2. *The CAR must obtain approval from the EPA Project Officer before expending cooperative agreement funds to purchase adequate computer supplies to complete online reporting activities.*

F. Community Outreach

The cooperative agreement recipient agrees to clearly reference EPA investments in the project during all phases of community outreach outlined in the EPA-approved work plan, which may include the development of any post-project summary or success materials that highlight achievements to which this project contributed. Specifically:

1. Public or Media Events
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.
2. 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.

G. Final Technical Cooperative Agreement Report with Environmental Results

1. In accordance with EPA regulations 2 CFR Parts 200 and 1500 (specifically, 200.328 *monitoring and reporting program performance*), the CAR agrees to submit to the EPA Project Officer within 90 days after the expiration or termination of the approved project period a final technical report on the cooperative agreement and at least one reproducible copy suitable for printing. The final technical report shall document project activities over the entire project period and shall include 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; and 3) other pertinent information, including, when appropriate, analysis and explanation of cost overruns or high unit costs.

III. FINANCIAL ADMINISTRATION REQUIREMENTS

A. Cost Share Requirement

CERCLA § 104(k) (9) (B) (iii) requires that the recipient of this cooperative agreement pay a cost share (which may be in the form of a contribution of money, labor, material, or services from a non-federal source) of at least 20 percent (i.e. 20 percent of the total federal funds awarded). The cost share contribution must be for costs that are eligible and allowable under the cooperative agreement and must be supported by adequate documentation.

B. Eligible Uses of the Funds for the Cooperative Agreement Recipient

1. To the extent allowable under the EPA-approved workplan, cooperative agreement funds may be used for programmatic expenses necessary to clean up sites. Eligible programmatic expenses

include activities described in Section IV of these terms and conditions. In addition, eligible programmatic expenses may include:

- a. Ensuring cleanup activities at a particular site are authorized by CERCLA § 104(k) and the EPA approved workplan;
 - b. Ensuring that a cleanup complies with applicable requirements under Federal and State laws, as required by CERCLA § 104(k);
 - c. Using a portion of the grant to purchase environmental insurance for the remediation of the site. Funds may not be used to purchase insurance intended to provide coverage for any of the ineligible uses under Section III.C;
 - d. Any other eligible programmatic costs including direct costs incurred by the recipient in reporting to EPA; procuring and managing contracts; awarding and managing subawards to the extent allowable in III.C.2; and carrying out community involvement pertaining to the cleanup activities.
2. **Local Governments Only.** No more than 10% of the funds awarded by this agreement may be used by the CAR itself as a programmatic cost for brownfields program development and implementation (including monitoring of health and institutional controls) as may be described in the EPA-approved workplan. The CAR must maintain records on funds that will be used to carry out these tasks as identified in its EPA-approved workplan to ensure that no more than 10% of its funds are used for brownfields program development and implementation (including monitoring of health and institutional controls).

C. Ineligible Uses of the Funds for the Cooperative Agreement Recipient

1. Cooperative agreement funds shall not be used by the CAR for any of the following activities:
 - a. Pre-cleanup environmental assessment activities such as site assessment, identification, and characterization with the exception of site monitoring activities that are reasonable and necessary during the cleanup process, including determination of the effectiveness of a cleanup;
 - b. Monitoring and data collection necessary to apply for, or comply with, environmental permits under other federal and state laws, unless such a permit is required as a component of the cleanup action;
 - c. Construction, demolition, and development activities that are not cleanup actions (e.g., marketing of property or construction of a new facility or addressing public or private drinking water supplies that have deteriorated through ordinary use);
 - d. Job training unrelated to performing a specific cleanup at a site covered by the grant;
 - e. To pay for a penalty or fine;
 - f. To pay a federal cost share requirement (for example, a cost-share required by another Federal grant) unless there is specific statutory authority;
 - g. To pay for a response cost at a brownfields site for which the recipient of the grant is potentially liable under CERCLA § 107;
 - h. To pay a cost of compliance with any federal law, excluding the cost of compliance with laws applicable to the cleanup; and

- i. Unallowable costs (e.g., lobbying and fund raising) under 2 CFR 200 Subpart E.
2. Under CERCLA § 104(k) (4) (B), administrative costs are prohibited costs under this agreement. Prohibited administrative costs include all indirect costs incurred by the CAR under 2 CFR Part 225 (for state, local and tribal governments) or 2 CFR Part 230 (non-profit organizations), as applicable.
 - a. Ineligible administrative costs include costs incurred in the form of salaries, benefits, contractual costs, supplies, and data processing charges, incurred to comply with most provisions of the *Uniform Administrative Requirements for Cost Principles and Audit Requirements for Federal Awards* at 2 CFR 200 and 1500. Direct costs for grant administration, with the exception of costs specifically identified as eligible programmatic costs, are ineligible even if the grant recipient is required to carry out the activity under the grant agreement. Costs incurred to report quarterly performance to EPA under the grant are eligible.
 - b. Ineligible grant administration costs include direct costs for:
 - (1) Preparation of applications for Brownfields grants;
 - (2) Record retention required under 2 CFR 1500.6;
 - (3) Record-keeping associated with equipment purchases required under 2 CFR 200.313;
 - (4) Preparing revisions and changes in the budgets, scopes of work, program plans and other activities required under 2 CFR 200.308;
 - (5) Maintaining and operating financial management systems required under 2 CFR 200.302;
 - (6) Preparing payment requests and handling payments under 2 CFR 200.305;
 - (7) Non-federal audits required under 2 CFR 200 Subpart F; and
 - (8) Close out under 2 CFR 200.343.
 - c. *The CAR must not include management fees or similar charges in excess of the direct costs or at the rate provided for by the terms of the agreement negotiated with EPA. The term "management fees or similar charges" refers to expenses added to the direct costs in order to accumulate and reserve funds for ongoing business expenses, unforeseen liabilities, or for other similar costs that are not allowable under EPA assistance agreements. Management fees or similar charges may not be used to improve or expand the project funded under this agreement, except to the extent authorized as a direct cost of carrying out the scope of work.*
3. Cooperative agreement funds may not be used for any of the following properties:
 - a. Facilities listed, or proposed for listing, on the National Priorities List (NPL);
 - b. Facilities subject to unilateral administrative orders, court orders, and administrative orders on consent or judicial consent decree issued to or entered by parties under CERCLA;
 - c. Facilities that are subject to the jurisdiction, custody or control of the United States government except for land held in trust by the United States government for an Indian tribe; or

- d. A site excluded from the definition of a brownfields site for which EPA has not made a property-specific funding determination.

D. Grant Recipient Eligibility

1. The CAR may only clean-up sites *it solely owns*. The CAR must retain ownership of the site throughout the period of performance of the grant. For the purposes of this agreement, the term “owns” means fee simple title unless EPA Headquarters approves a different ownership arrangement.

E. Obligations for Grant Recipients Asserting a Limitation on Liability from CERCLA § 107

1. EPA awarded this cooperative agreement to the CAR based on information indicating that the CAR would not use cooperative agreement funds to pay for a response cost at the site for which the CAR was potentially liable under CERCLA § 107. If the CAR is not potentially liable based on its status as either a Bona Fide Prospective Purchaser (BFPP), Contiguous Property Owner (CPO), or Innocent Land Owner (ILO), the CAR must meet certain continuing obligations in order to maintain its status. If the CAR fails to meet these obligations, EPA may disallow the costs incurred under this cooperative agreement for cleaning up the site under CERCLA § 104(k) (7) (C). These continuing obligations include:

- (1) complying with any land use restrictions established or relied on in connection with the response action at the vessel or facility and not impeding the effectiveness or integrity of institutional controls;
- (2) taking reasonable steps with respect to hazardous substance releases;
- (3) providing full cooperation, assistance, and access to persons that are authorized to conduct response actions or natural resource restoration; and
- (4) complying with information requests and administrative subpoenas and legally required notices (applies to the criteria for bona fide prospective purchasers and contiguous property owners).

Notwithstanding the CAR's continuing obligations under this agreement, the CAR is subject to the applicable liability provisions of CERCLA governing **its** status as a BFPP, CPO, or ILO. CERCLA requires additional obligations to maintain the liability limitations for BFPP, CPO, and ILO; the relevant provisions for these obligations include §§ 101(35), 101(40), 107(b), 107(q) and 107(r).

F. Interest-Bearing Accounts and Program Income

1. Interest earned on advances are subject to the provisions of 2 CFR 200.305(b)(7)(ii) relating to remitting interest on advances to EPA on a quarterly basis.
2. Any program income earned by the CAR will be added to the funds EPA has committed to this agreement and used only for eligible and allowable costs under the agreement as provided in 2 CFR 200.307 and 2 CFR 1500.7, as applicable.
3. Interest earned on program income is considered additional program income.
4. The CAR must disburse program income (including interest earned on program income) before requesting additional payments from EPA as required by 2 CFR 1500.8.

IV. CLEANUP ENVIRONMENTAL REQUIREMENTS

A. Authorized Cleanup Activities

1. The CAR shall prepare an analysis of brownfields cleanup alternatives or equivalent state Brownfields program document which will include information about the site and contamination issues (i.e., exposure pathways, identification of contaminant sources, etc.); cleanup standards; applicable laws; alternatives considered; and the proposed cleanup. The evaluation of alternatives must include effectiveness, implementability, and the cost of the response proposed. The evaluation of alternatives must also consider the resilience of the remedial options in light of reasonably foreseeable changing climate conditions (e.g., sea level rise, increased frequency and intensity of flooding and/or extreme weather events, etc.). The alternatives may additionally consider the degree to which they reduce greenhouse gas discharges, reduce energy use or employ alternative energy sources, reduce volume of wastewater generated/disposed, reduce volume of materials taken to landfills, and recycle and re-use materials generated during the cleanup process to the maximum extent practicable. The evaluation will include an analysis of reasonable alternatives including no action. The cleanup method chosen must be based on this analysis.
2. Prior to conducting or engaging in any on-site activity with the potential to impact historic properties (such as invasive sampling or cleanup), the CAR shall consult with EPA regarding potential applicability of the National Historic Preservation Act and, if applicable, shall assist EPA in complying with any requirements of the Act and implementing regulations.

B. Quality Assurance (QA) Requirements

1. If environmental data are to be collected as part of the brownfields cleanup (e.g., cleanup verification sampling, post-cleanup confirmation sampling), the CAR shall comply with 2 CFR 1500.11 requirements to develop and implement quality assurance practices sufficient to produce data adequate to meet project objectives and to minimize data loss. State law may impose additional QA requirements.
2. *The CAR, or its service agent/contractor(s), must have an **EPA approved Quality Assurance Project Plan (QAPP)** in place before beginning any verification or confirmation sampling, if needed, funded wholly or in part by this agreement, that includes sampling and analysis of environmental media. The CAR should allow EPA adequate time (generally 45 days) for review and approval. The QAPP should be consistent with the EPA Region 4 "Brownfields Quality Assurance Project Plans (QAPPs) Interim Instructions: Generic QAPP and Site Specific QAPP for Brownfields Site Assessments and/or Cleanups," July 2010, and later revisions.*

C. Community Relations and Public Involvement in Cleanup Activities

1. All cleanup activities require a site-specific community relations plan that includes providing reasonable notice, opportunity for involvement, response to comments, and administrative records that are available to the public.
2. The CAR agrees to clearly reference EPA investments in the project during all phases of community outreach outlined in the EPA-approved workplan, which may include the development of any post-project summary or success materials that highlight achievements to which this project contributed. Specifically:
 - a. If any document, fact sheet, and/or web material are developed as part of this cooperative agreement, then they shall include the following statement: "Though this project has been funded, wholly or in part, by EPA, the contents of this document do not necessarily reflect the views and policies of the EPA."
 - b. If a sign is developed, as part of a project funded by this cooperative agreement, then the sign shall include either a statement (e.g., this project has been funded, wholly or in part, by

EPA) and/or EPA's logo acknowledging that EPA is a source of funding for the project. The EPA logo may be used on project signage when the sign can be placed in a visible location with direct linkage to site activities. Use of the EPA logo must follow the sign specifications available at: <http://www.epa.gov/ogd/tc.htm>.

D. Administrative Record

1. The CAR shall establish an administrative record that contains the documents that form the basis for the selection of a cleanup plan. Documents in the administrative record shall include an analysis of reasonable alternatives including no action; site investigation reports; the cleanup plan; cleanup standards used; responses to public comments; and verification that shows that cleanup is complete. The CAR shall keep the administrative record available at a location convenient to the public and make it available for inspection.

E. Implementation of Cleanup Activities

1. The CAR shall ensure the adequacy of each cleanup in protecting human health and the environment as it is implemented. If changes to the expected cleanup are necessary based on public comment or other reasons, the CAR must consult with EPA and may not make substantial changes to the cleanup method described in the workplan without prior EPA approval.
2. If the CAR is unable or unwilling to complete the cleanup, the CAR shall ensure that the site is secure. The CAR shall notify the appropriate state agency and the U.S. EPA to ensure an orderly transition should additional activities become necessary.

F. Completion of Cleanup Activities

1. The CAR shall ensure that the successful completion of a cleanup is properly documented. This must be done through a final report or letter from a qualified environmental professional, or other documentation provided by a State or Tribe that shows cleanup is complete. This documentation needs to be included as part of the administrative record.
2. *For the purposes of these terms and conditions, contaminants are considered cleaned up when a "clean" or "no further action" letter (or its equivalent) has been issued by the state or tribe under its voluntary response program (or its equivalent) for cleanup activities at the property; or the [cooperative agreement] recipient or property owner, upon the recommendation of an environmental professional, has determined and documented that on-property work is finished and any needed institutional or engineering controls are in place and functional. On-going operation and maintenance activities or monitoring may continue after a "cleaned up" designation has been made.*

V. OTHER CLEANUP GRANT REQUIREMENTS

A. Inclusion of Special Terms and Conditions in Cleanup Documents

1. The CAR shall meet the cleanup and other program requirements of the cleanup including:
 - a. In accordance with 2 CFR 1500.11, the CAR shall maintain records for a minimum of three years following completion of the cleanup financed all or in part with cleanup grant funds. Cooperative agreement recipients shall provide access to records relating to cleanups supported with cleanup grant funds to authorized representatives of the Federal government.
 - b. The CAR has an ongoing obligation to advise EPA if they are assessed any penalties

resulting from environmental non-compliance at the site subject to this agreement.

B. Conflict of Interest

1. The CAR shall establish and enforce conflict of interest provisions that prevent the award of subawards that create real or apparent personal conflicts of interest or the appearance of the CAR's lack of impartiality. Such situations include, but are not limited to, situations in which an employee, official, consultant, contractor, or other individual associated with the CAR (affected party) approves or administers a subaward to a subrecipient in which the affected party has a financial or other interest. Such a conflict of interest or appearance of lack of impartiality may arise when:

- (i) The affected party,
- (ii) Any member of his immediate family,
- (iii) His or her partner, or
- (iv) An organization which employs, or is about to employ, any of the above,
has a financial or other interest in the subrecipient.

Affected employees will neither solicit nor accept gratuities, favors, or anything of monetary value from subrecipients. Recipients may set minimum rules where the financial interest is not substantial or the gift is an unsolicited item of nominal intrinsic value. To the extent permitted by State or local law or regulations, such standards of conduct will provide for penalties, sanctions, or other disciplinary actions for violations of such standards by affected parties.

VI. PAYMENT AND CLOSEOUT

For the purposes of these terms and conditions, the following definitions apply: "payment" is the U.S. EPA's transfer of funds to the CAR; "close out" refers to the process that the U.S. EPA follows to ensure that all administrative actions and work required under the cooperative agreement have been completed.

A. Payment Schedule

1. **Alternate 1.** If the approved budget for the project includes a substantial amount of construction costs, EPA will pay the CAR on a reimbursement basis. The CAR must submit documentation of obligations and expenses incurred under the agreement to EPA's project officer for approval prior to obtaining payment from EPA under the following procedures_____.
2. **Alternate 2.** If the approved budget for the project includes construction costs, EPA will pay the CAR on a progress payment basis according to the following schedule_____ provided the recipient can document that it incurred costs that require disbursements equal to the amount of the progress payment.
3. **Alternate 3.** (Approved budget does not include construction costs) The CAR will be paid in advance provided it has funds management controls in place which meet the requirements of 2 CFR 200.302, as applicable.

B. Schedule for Closeout

1. Closeout will be conducted in accordance with 2 CFR 200.343. EPA will close out the award when it determines that all applicable administrative actions and all required work of the grant have been completed.
1. The CAR, within 90 days after the expiration or termination of the grant, must submit all financial,

performance, and other reports required as a condition of the grant.

a. The CAR must submit the following documentation:

(1) The Final Report as described in II.G. of the Cleanup Terms and Conditions.

(2) A Final Federal Financial Report (FFR - SF425). Submitted to:

US EPA, Las Vegas Finance Center
4220 S. Maryland Pkwy, Bld C, Rm 503
Las Vegas, NV 89119
<https://www.epa.gov/financial/grants>

(3) A Final MBE/WBE Report (EPA Form 5700-52A). Submitted to the regional office.

b. The CAR must ensure that all appropriate data has been entered into ACRES or all Property Profile Forms are submitted to the Region.

c. The grantee must immediately refund to the Federal agency any balance of unobligated (unencumbered) cash advanced that is not authorized to be retained for use on other grants.

Data Competency: In accordance with the Competency Policy, as Project Officer, I have determined that the recipient meets the requirements for demonstration of competence through its supporting documentation applicable to its statement of work for this environmental program.

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.

Cybersecurity Grant 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 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.

tacting the EPA project officer for this award.