

1. DATE ISSUED MM/DD/YYYY 03/19/2020		1a. SUPERSEDES AWARD NOTICE dated except that any additions or restrictions previously imposed remain in effect unless specifically rescinded	
2. CFDA NO. 93.136 - Injury Prevention and Control Research and State and Community Based Programs			
3. ASSISTANCE TYPE Cooperative Agreement			
4. GRANT NO. 1 NU61TS000298-01-00 Formerly		5. TYPE OF AWARD Other	
4a. FAIN NU61TS000298		5a. ACTION TYPE New	
6. PROJECT PERIOD MM/DD/YYYY From 04/01/2020		Through MM/DD/YYYY 03/31/2023	
7. BUDGET PERIOD MM/DD/YYYY From 04/01/2020		Through MM/DD/YYYY 03/31/2021	
8. TITLE OF PROJECT (OR PROGRAM) ATSDR Partnership to Promote Localized Efforts to Reduce Environmental Exposure (APPLETREE) Program			

**DEPARTMENT OF HEALTH AND HUMAN SERVICES
Centers for Disease Control and Prevention**

2939 Brandywine Road
Atlanta, GA 30341

NOTICE OF AWARD
AUTHORIZATION (Legislation/Regulations)
CERCLA SEC 104(I)(1)(E)(15)SARA42USC9604

9a. GRANTEE NAME AND ADDRESS HEALTH AND SENIOR SERVICES, MISSOURI DEPARTMENT OF 930 Wildwood Dr PO BOX 570 Jefferson City, MO 65109-5796	9b. GRANTEE PROJECT DIRECTOR Mr. Jeff Wenzel 920 Wildwood Drive Community and Public Health Jefferson City, MO 65102-0570 Phone: 573-526-4911
10a. GRANTEE AUTHORIZING OFFICIAL Ms. Marcia Mahaney 920 WILDWOOD DR JEFFERSON CITY, MO 65109-5796 Phone: 573-751-6014	10b. FEDERAL PROJECT OFFICER Mr. Trent LeCoultré 4770 Buford Hwy Atlanta, GA 30341-3717 Phone: 770.488.3799

ALL AMOUNTS ARE SHOWN IN USD

11. APPROVED BUDGET (Excludes Direct Assistance)		12. AWARD COMPUTATION	
I Financial Assistance from the Federal Awarding Agency Only		a. Amount of Federal Financial Assistance (from item 11m) 380,338.00	
II Total project costs including grant funds and all other financial participation <input type="checkbox"/>		b. Less Unobligated Balance From Prior Budget Periods 0.00	
a. Salaries and WageS 178,984.00		c. Less Cumulative Prior Award(s) This Budget Period 0.00	
b. Fringe Benefits 107,390.00		d. AMOUNT OF FINANCIAL ASSISTANCE THIS ACTION 380,338.00	
c. Total Personnel Costs 286,374.00		13. Total Federal Funds Awarded to Date for Project Period 380,338.00	
d. Equipment 0.00		14. RECOMMENDED FUTURE SUPPORT (Subject to the availability of funds and satisfactory progress of the project):	
e. Supplies 767.00		YEAR	TOTAL DIRECT COSTS
f. Travel 17,882.00		a. 2	d. 5
g. Construction 0.00		b. 3	e. 6
h. Other 14,031.00		c. 4	f. 7
i. Contractual 0.00		15. PROGRAM INCOME SHALL BE USED IN ACCORD WITH ONE OF THE FOLLOWING ALTERNATIVES:	
j. TOTAL DIRECT COSTS → 319,054.00		a. DEDUCTION	
k. INDIRECT COSTS 61,284.00		b. ADDITIONAL COSTS	
l. TOTAL APPROVED BUDGET 380,338.00		c. MATCHING	
m. Federal Share 380,338.00		d. OTHER RESEARCH (Add / Deduct Option)	
n. Non-Federal Share 0.00		e. OTHER (See REMARKS)	
		16. THIS AWARD IS BASED ON AN APPLICATION SUBMITTED TO, AND AS APPROVED BY, THE FEDERAL AWARDING AGENCY ON THE ABOVE TITLED PROJECT AND IS SUBJECT TO THE TERMS AND CONDITIONS INCORPORATED EITHER DIRECTLY OR BY REFERENCE IN THE FOLLOWING:	
		a. The grant program legislation	
		b. The grant program regulations.	
		c. This award notice including terms and conditions, if any, noted below under REMARKS.	
		d. Federal administrative requirements, cost principles and audit requirements applicable to this grant.	
		In the event there are conflicting or otherwise inconsistent policies applicable to the grant, the above order of precedence shall prevail. Acceptance of the grant terms and conditions is acknowledged by the grantee when funds are drawn or otherwise obtained from the grant payment system.	

REMARKS (Other Terms and Conditions Attached - Yes No)

GRANTS MANAGEMENT OFFICIAL:

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

17.OBJ CLASS 41.51	18a. VENDOR CODE ██████████	18b. EIN ██████████	19. DUNS 878092600	20. CONG. DIST. 03
FY-ACCOUNT NO.	DOCUMENT NO.	ADMINISTRATIVE CODE	AMT ACTION FIN ASST	APPROPRIATION
21. a. 0-939ZUPY	b. 20NU61TS000298	c. TS	d. \$380,338.00	e. 75-20-0944
22. a.	b.	c.	d.	e.
23. a.	b.	c.	d.	e.

NOTICE OF AWARD (Continuation Sheet)

PAGE 2 of 2	DATE ISSUED 03/19/2020
GRANT NO. 1 NU61TS000298-01-00	

Direct Assistance

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

AWARD ATTACHMENTS

Missouri Department of Health

1 NU61TS000298-01-00

1. TERMS AND CONDITIONS
2. SUMMARY STATEMENT_COMPONENT 1

AWARD INFORMATION

Incorporation: In addition to the federal laws, regulations, policies, and CDC General Terms and Conditions for Non-research awards at <https://www.cdc.gov/grants/federalregulationspolicies/index.html>, the Centers for Disease Control and Prevention (CDC) hereby incorporates Notice of Funding Opportunity (NOFO) number **TS20-2001**, entitled **ATSDR's Partnership to Promote Local Efforts To Reduce Environmental Exposure**, and application dated **December 9, 2019**, as may be amended, which are hereby made a part of this Non-research award, hereinafter referred to as the Notice of Award (NoA).

Approved Funding: Funding in the amount of **\$380,338** is approved for the **Year 01** budget period, which is **April 1, 2020** through **March 31, 2021**. All future year funding will be based on satisfactory programmatic progress and the availability of funds.

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

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

Financial Assistance Mechanism: Cooperative Agreement

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

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

- The TPO will lead a *Technical Project Team (TPT)* for each recipient, which will include representatives from the ATSDR Office of Capacity Development and Applied Prevention Science (OCDAPS), and ATSDR's Office of Community Health and Hazard Assessment (OCHHA);
- The TPT is responsible for providing technical assistance to the recipient; arranging for subject matter expertise as needed, assuring the planning implementation, and program improvement of all public health actions for each site;
- The TPT is responsible for approving each recipient's work plan;
- The TPT is also responsible for working with the recipients to improve their ability to assess and respond to environmental public health issues through the application of current science and sound public health practices;
- The TPT will also review the environmental health assessment reports and community involvement and health education and promotion plans and materials for technical/scientific accuracy, comprehensiveness, clarity, and adherence to ATSDR policy;
- The TPT will monitor and evaluate the performance of recipients;
- ATSDR regional staff are available to provide support and coordination for recipients, particularly for sites with strong community interest, or where liaison with EPA is specifically needed;
- ATSDR will provide updated guidance on emerging contaminants and will maintain updated

- chemical-specific comparison values (CVs) based on the best available science;
- ATSDR will maintain and make available the Public Health Assessment Site Tool (PHAST), the ATSDR ShowerModel, other tools, and information websites;
 - ATSDR will also facilitate peer-to-peer information sharing through the maintenance of ATSDR's SharePoint site and Cooperative Agreement Listserv; and
 - The TPO will facilitate the clearance of certified environmental health assessment reports (via the current NCEH/ATSDR Policy on Clearance of Information Products) as outlined under Strategy A2 in the 'Work Plan' section above.

Objective/Technical Review Statement Response Requirement: The review comments on the strengths and weaknesses of the proposal are provided as part of this award. A response to the weaknesses in these statements must be submitted to and approved, in writing, by the Grants Management Specialist/Grants Management Officer (GMS/GMO) noted in the CDC Staff Contacts section of this NoA, no later than 30 days from the budget period start date. Failure to submit the required information by the due date, **May 1, 2020**, will cause delay in programmatic progress and will adversely affect the future funding of this project.

Key Personnel: In addition to the Principal Investigator/Project Director identified in this Notice of Award, the application and work plan included individuals considered key personnel. In accordance 45 CFR Part 75.308, the recipient must request prior approval from CDC to change the following individual/position: **Authorizing Official/Business Official**

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

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

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

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

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

FUNDING RESTRICTIONS AND LIMITATIONS

Notice of Funding Opportunity (NOFO) Restrictions: Funding Restrictions - Recipients may not use funds to purchase furniture or equipment.

Indirect Costs:

Indirect costs are approved based on the recipient's approved Cost Allocation Plan dated **June 1, 2019**.

REPORTING REQUIREMENTS

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

Recipient Evaluation and Performance Measurement Plan (EPMP), including Data Management Plan (DMP): Recipient must elaborate on their initial applicant evaluation and performance measurement plan. This plan must be no more than twenty (20) pages; recipients must submit the plan 6-months into the award. HHS/CDC will review and approve the recipient's monitoring and evaluation plan to ensure that it is appropriate for the activities to be undertaken as part of the agreement, for compliance with the monitoring and evaluation guidance established by HHS/CDC, or other guidance otherwise applicable to this Agreement.

The **EPMP** should provide additional detail on the following:

Performance Measurement

- Performance measures and targets;
- The frequency that performance data are to be collected;
- How performance data will be reported;
- How quality of performance data will be reported;
- How performance measurement will yield findings to demonstrate progress towards achieving NOFO goals;
- Dissemination channels and audiences; and
- Other information requested as determined by the CDC program.

Evaluation

- How types of evaluations are to be conducted;
- The frequency that evaluations will be conducted;
- How evaluation reports will be published on a publicly available website;
- How evaluation findings will be used to ensure continuous quality and program improvement;
- How evaluation will yield findings to demonstrate the value of the NOFO; and
- Dissemination channels and audiences.

The **DMP** should provide additional detail on the following:

Applications involving data collection must include a *Data Management Plan (DMP)* as part of their evaluation and performance measurement plan. The DMP is the recipient's assurance of the quality of the public health data through the data's lifecycle and plans to deposit data in a repository to preserve and to make the data accessible in a timely manner. See web link for additional information: <https://www.cdc.gov/grants/additionalrequirements/ar-25.html>

Required Disclosures for Federal Awardee Performance and Integrity Information System (FAPIS):

Consistent with 45 CFR 75.113, applicants and recipients must disclose in a timely manner, in writing to the CDC, with a copy to the HHS Office of Inspector General (OIG), all information related to violations of federal criminal law involving fraud, bribery, or gratuity violations potentially affecting the federal award. Subrecipients must disclose, in a timely manner in writing to the prime recipient (pass through entity) and the HHS OIG, all information related to violations of federal criminal law involving fraud, bribery, or gratuity violations potentially affecting the federal award. Disclosures must be sent in writing to the CDC and to the HHS OIG at the following addresses:

CDC, Office of Grants Services
JENISE A. YAWN, Grants Management Specialist
Center for Disease Control and Prevention
BRANCH 3
2939 Flowers Rd. South, Floor 2, Room 2215, Mailstop TV-2
Atlanta, GA 30341
Telephone: (770) 488.2720
Email: koy5@cdc.gov (Include "Mandatory Grant Disclosures" in subject line)

AND

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

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

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

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

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

PAYMENT INFORMATION

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

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

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

CDC Staff Contacts

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

GMS Contact:

JENISE A. YAWN, Grants Management Specialist
Center for Disease Control and Prevention
BRANCH 3
2939 Flowers Rd. South, Floor 2, Room 2215, Mailstop TV-2
Atlanta, GA 30341
Telephone: (770) 488.2720
Email: koy5@cdc.gov

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

Programmatic Contact:

TRENT D. LECOULTRE, Project Officer
Center for Disease Control and Prevention
ATSDR, Division of Community Health Investigations
4770 Buford Highway, Floor 1, Room 1114, Mailstop S102-1
Chamblee, GA 30341
Telephone: 770.488.3799
Email: tll7@cdc.gov

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

GMO Contact:

RALPH ROBINSON, Grants Management Officer
Center for Disease Control and Prevention
BRANCH 3
2939 Flowers Rd. South, Floor 2, Room 2208, Mailstop TV-2
Atlanta, GA 30341
Telephone: (770) 488.2441
Email: *inp2@cdc.gov*

Agency for Toxic Substances and Disease Registry
Notice of Funding Opportunity TS20-2001
ATSDR's Partnership to Promote Local Efforts to Reduce Environmental Exposure (APPLETREE)

SUMMARY STATEMENT

Date Reviewed: January 23, 2020

Applicant Name: Missouri Department of Health & Senior Services

Application #: NU61TS2020000316

Score: 91.93 of 100

Brief Summary of Application:

Summary of Project (taken from application):

- With funding from this grant, the HRAP team in cooperation with ATSDR will sustain, expand, and improve efforts to conduct and coordinate site-specific activities related to potential exposures to hazardous substances in the environment. The team will identify pathways of exposure to hazardous substances from waste sites or other environmental releases, as well as identify, coordinate, and implement appropriate public health interventions. The team will continue its efforts to proactively integrate health assessment science with health communications science to reduce exposures and protect communities from harmful exposures. The team will also continue to partner with ATSDR in the development and implementation of the CSPECE program with the goal of preventing children's exposure to environmental hazards at childcare centers.

Reviewers' Comments on Approach

Strengths of Section:

- The proposal is clearly and logically written.
- It describes obtainable activities and sub-activities to achieve outcomes focused on the purpose of reducing potential exposures to hazardous substances in the environment.
- Background of protection from hazardous substances in the environment in Missouri by MDHSS is presented. Missouri has 46% (n=34) of NPL sites in Region 7. Need is demonstrated as approximately 30% of Missourians live in counties that have been extensively impacted by contamination at current NPL sites.
- Technical assistance and collaborations with local and federal partners are presented.
- Seven letters of support from environmental regulatory agencies are included.
- Collaborations with CDC-funded organizations are listed (ATSDR, CLPPP, EPHT Network, Safe Watch) as are collaborations with organizations not funded by CDC.
- Organizational commitment to the CSPECE program is demonstrated.
- MOU is included for the Missouri Department of Health and Senior Services and the Missouri Department of Natural Resources.
- Dedicated staff time is allocated for this project.
- Purpose of the project is well documented for Strategy A and B with activities listed and sub-activities.
- Application includes a logic model for each Strategy with short-term, mid-term and long-term outcomes.
- Examples of collaborative success in reducing exposure to hazardous substances are presented. These include the Bridgeton Sanitary Landfill located in a densely populated area of greater St. Louis, the Former Litton Systems Inc Site, Vapor Intrusion Sites and Lead Sites.
- The applicant includes a letter of support from the Section for Child Care Regulation for the CSPECE program.
- The applicant demonstrates sustainability of the program.

Weaknesses of Section:

- Year-to-year benchmarks identified are unclear in the proposal.

Recommendations for Section:

- N/A

Reviewers' Comments on Evaluation and Performance Measurement

Strengths of Section:

- The Evaluation and Performance Measurement plan was briefly discussed and the framework for the plan was laid out. It includes the evaluation question, performance measure, data sources and data collection methods.
- The team (along with ATSDR) will prioritize NPL site assessments, petition site assessments and others.
- The key evaluation questions are presented:
 - What are essential collaborations?
 - What are the barriers and challenges to success?
 - How have the identified barriers and challenges been addressed by the program?
 - How has the program impacted public health actions and improved public health?
 - How have findings been used to evolve the program's activities?
 - What ways to communicate are most successful to educate audiences on the value of the program and its impact on public health?
- The workplan is detailed and thorough with activity descriptions, related outputs, performance measures, persons responsible, projected start and completion dates. (page 39)
- Performance measures are clearly presented (both process measures of implementation and outcome measures of effectiveness).
- Very clearly articulated dedication to community engagement in support of site assessment activities, as demonstrated in their second activity under Strategy A.

Weaknesses of Section:

- None of the personnel descriptions in the Budget Justification attachment include program evaluation responsibilities. Though they highlight the role of the MDHSS OPM in 'providing guidance in...evaluation and performance measurement plan, and assist in conducting self-evaluations,' there are no dedicated/named HRAP staff who are supposed to 'perform these activities in conjunction with OPM staff.'
- Detail on the use of performance measures to continuously improve the program is limited
- The logic model mentions timely completion but not timely dissemination
- Community outreach is not defined specifically

Recommendations for Section:

- Timely dissemination of site assessment findings, independent management of CSPECE by partners and collection of evidence on effective practices, policies, and processes for preventing exposure should be added to the logic model to comply with the NOFO standards.
- Recommend an evaluator
- Additional detail on the use of performance measures to continuously improve the program would be recommended.

Reviewers' Comments on Organizational Capacity to Implement the Approach

Strengths of Section:

- The proposal clearly presents the commitment to personnel maintenance and training.
- The proposal demonstrates a commitment to carry out the project with a detailed workplan.
- The applicant has clear connections with stakeholders that are integrated into the program's activities.
- The personnel demonstrate the capability to conduct the work included in the workplan, including exposure investigation.

- MDHSS demonstrates a commitment to maintain technical staff and percentage time for each staff member is appropriate. Job descriptions and responsibilities are included.
- The department is composed of Administration, Community and Public Health, Regulation and Licensure, and Senior and Disability Services Departments.
- The capability to carry out the proposed project is strong as the APPLETREE Cooperative program has been in effect in Missouri since 1989.
- Staffing seems sufficient to ensure that the objectives are accomplished.
- Specific examples of conducting exposure assessments are provided.
- MDHSS is in the process of developing a feasible plan for sustainability of the CSPECE program.
- Organizational charts are included.
- CV and Resumes are included.

Weaknesses of Section:

- N/A

Recommendations for Section:

- N/A

Reviewers' Comments on Budget and Budget Narrative

Strengths of Section:

- MO is asking for \$456,873 for year 1 which includes personnel, fringe benefits, travel, supplies, and other for direct charges. It also includes the state's indirect charges.
- Each subsequent year has an increase in funding requested, which ends at \$528,888 in year 4.
- Budget justification is included.

Weaknesses of Section:

- N/A

Recommendations for Section:

- N/A