

**U.S. DEPARTMENT OF ENERGY
OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY
NEPA DETERMINATION**



RECIPIENT: Guam and Northern Arapaho Tribe

STATE: Mult

PROJECT TITLE : Weatherization Assistance Program Fiscal Year 2023 Formula Awards - Recipients withOUT a DOE executed Historic Preservation Programmatic Agreements

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
WAP-ARLD-2023	WAP-ALRD-2023B	GFO-WAP-ALRD-2023B	

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Policy 451.1), I have made the following determination:

CX, EA, EIS APPENDIX AND NUMBER:

Description:

A9 Information gathering, analysis, and dissemination	Information gathering (including, but not limited to, literature surveys, inventories, site visits, and audits), data analysis (including, but not limited to, computer modeling), document preparation (including, but not limited to, conceptual design, feasibility studies, and analytical energy supply and demand studies), and information dissemination (including, but not limited to, document publication and distribution, and classroom training and informational programs), but not including site characterization or environmental monitoring. (See also B3.1 of appendix B to this subpart.)
A11 Technical advice and assistance to organizations	Technical advice and planning assistance to international, national, state, and local organizations.
B1.34 Lead-based paint containment, removal, and disposal	Containment, removal, and disposal of lead-based paint in accordance with applicable requirements (such as provisions relating to the certification of removal contractors and technicians at 40 CFR part 745, "Lead-Based Paint Poisoning Prevention In Certain Residential Structures").
B2.2 Building and equipment instrumentation	Installation of, or improvements to, building and equipment instrumentation (including, but not limited to, remote control panels, remote monitoring capability, alarm and surveillance systems, control systems to provide automatic shutdown, fire detection and protection systems, water consumption monitors and flow control systems, announcement and emergency warning systems, criticality and radiation monitors and alarms, and safeguards and security equipment).
B3.1 Site characterization and environmental monitoring	Site characterization and environmental monitoring (including, but not limited to, siting, construction, modification, operation, and dismantlement and removal or otherwise proper closure (such as of a well) of characterization and monitoring devices, and siting, construction, and associated operation of a small-scale laboratory building or renovation of a room in an existing building for sample analysis). Such activities would be designed in conformance with applicable requirements and use best management practices to limit the potential effects of any resultant ground disturbance. Covered activities include, but are not limited to, site characterization and environmental monitoring under CERCLA and RCRA. (This class of actions excludes activities in aquatic environments. See B3.16 of this appendix for such activities.) Specific activities include, but are not limited to: (a) Geological, geophysical (such as gravity, magnetic, electrical, seismic, radar, and temperature gradient), geochemical, and engineering surveys and mapping, and the establishment of survey marks. Seismic techniques would not include large-scale reflection or refraction testing; (b) Installation and operation of field instruments (such as stream-gauging stations or flow-measuring devices, telemetry systems, geochemical monitoring tools, and geophysical exploration tools); (c) Drilling of wells for sampling or monitoring of groundwater or the vadose (unsaturated) zone, well logging, and installation of water-level recording devices in wells; (d) Aquifer and underground reservoir response testing; (e) Installation and operation of ambient air monitoring equipment; (f) Sampling and characterization of water, soil, rock, or contaminants (such as drilling using truck- or mobile-scale equipment, and modification, use, and plugging of boreholes); (g) Sampling and characterization of water effluents, air emissions, or solid waste streams; (h) Installation and operation of meteorological towers and associated activities (such as assessment of potential wind energy resources); (i) Sampling of flora or fauna; and (j) Archeological, historic, and cultural resource identification in compliance with 36 CFR part 800 and 43 CFR part 7.
B5.16 Solar photovoltaic systems	The installation, modification, operation, and removal of commercially available solar photovoltaic systems located on a building or other structure (such as rooftop, parking lot or facility, and mounted to signage, lighting, gates, or fences), or if located on land, generally comprising less than 10 acres within a previously disturbed or developed area. Covered actions would be in accordance with applicable requirements (such as local land use and zoning requirements) in the proposed project area and would incorporate appropriate control technologies and best management practices.

B5.17 Solar thermal systems

The installation, modification, operation, and removal of commercially available smallscale solar thermal systems (including, but not limited to, solar hot water systems) located on or contiguous to a building, and if located on land, generally comprising less than 10 acres within a previously disturbed or developed area. Covered actions would be in accordance with applicable requirements (such as local land use and zoning requirements) in the proposed project area and would incorporate appropriate control technologies and best management practices.

B5.1 Actions to conserve energy or water

(a) Actions to conserve energy or water, demonstrate potential energy or water conservation, and promote energy efficiency that would not have the potential to cause significant changes in the indoor or outdoor concentrations of potentially harmful substances. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, manufacturers, and designers), organizations (such as utilities), and governments (such as state, local, and tribal). Covered actions include, but are not limited to weatherization (such as insulation and replacing windows and doors); programmed lowering of thermostat settings; placement of timers on hot water heaters; installation or replacement of energy efficient lighting, low-flow plumbing fixtures (such as faucets, toilets, and showerheads), heating, ventilation, and air conditioning systems, and appliances; installation of drip-irrigation systems; improvements in generator efficiency and appliance efficiency ratings; efficiency improvements for vehicles and transportation (such as fleet changeout); power storage (such as flywheels and batteries, generally less than 10 megawatt equivalent); transportation management systems (such as traffic signal control systems, car navigation, speed cameras, and automatic plate number recognition); development of energy-efficient manufacturing, industrial, or building practices; and small-scale energy efficiency and conservation research and development and small-scale pilot projects. Covered actions include building renovations or new structures, provided that they occur in a previously disturbed or developed area. Covered actions could involve commercial, residential, agricultural, academic, institutional, or industrial sectors. Covered actions do not include rulemakings, standard-settings, or proposed DOE legislation, except for those actions listed in B5.1(b) of this appendix. (b) Covered actions include rulemakings that establish energy conservation standards for consumer products and industrial equipment, provided that the actions would not: (1) have the potential to cause a significant change in manufacturing infrastructure (such as construction of new manufacturing plants with considerable associated ground disturbance); (2) involve significant unresolved conflicts concerning alternative uses of available resources (such as rare or limited raw materials); (3) have the potential to result in a significant increase in the disposal of materials posing significant risks to human health and the environment (such as RCRA hazardous wastes); or (4) have the potential to cause a significant increase in energy consumption in a state or region.

B1.16 Asbestos removal

Removal of asbestos-containing materials from buildings in accordance with applicable requirements (such as 40 CFR part 61, "National Emission Standards for Hazardous Air Pollutants"; 40 CFR part 763, "Asbestos"; 29 CFR part 1910, subpart I, "Personal Protective Equipment"; and 29 CFR part 1926, "Safety and Health Regulations for Construction"; and appropriate state and local requirements, including certification of removal contractors and technicians).

Rationale for determination:

The U.S. Department of Energy (DOE) administers the Weatherization Assistance Program (WAP) as authorized by Title IV, Energy Conservation and Production Act, as amended. The goal of WAP is to increase the energy efficiency of dwellings owned or occupied by low-income persons, reduce their total residential expenditures, and improve their health and safety. Each home weatherized under WAP would receive approximately \$8,250 as determined by site-specific outcomes of the energy audit process. Many Recipients supplement DOE funds with other federal and non-federal resources for the activities listed below.

This NEPA determination is specific to Guam and Northern Arapaho Tribe. These Recipients do not have a DOE executed Historic Preservation Programmatic Agreement for activities that are funded by the WAP Program Year 2023 Formula Grants Administrative and Legal Requirements Document (WAP ALRD 2023) and WAP Community Scale Pilot Projects Memorandum dated 12/13/2022, as applicable. Some WAP Recipients may also be awarded funds under a separately competed process for WAP Community Scale Pilot Projects. Approved activities funded under WAP Community Scale Pilot Projects are included in this NEPA determination. WAP Recipients with a DOE executed Historic Preservation Programmatic Agreement have a separate NEPA determination: GFO-WAP-ALRD 2023A.

DOE has determined the following activities that are funded by the WAP Program Year 2023 Formula Grants Administrative and Legal Requirements Document (WAP ALRD 2023) and WAP Community Scale Pilot Projects, as applicable, are categorically excluded from further NEPA review, absent extraordinary circumstances, cumulative impacts, or connected actions that may lead to significant impacts on the environment, or any inconsistency with "integral elements" (as contained in 10 CFR Part 1021, Appendix B) as they relate to a specific activity.

Any activities on tribal lands or tribal properties are restricted to homes/buildings less than forty-five (45) years old and without ground disturbance. Recipients may contact their Project Officer for a Historic Preservation Worksheet to request a review of activities that are listed below on tribal homes/buildings forty-five(45) years and older and/or ground disturbing activities. Approval from DOE is required prior to initiating activities reviewed on a Historic Preservation Worksheet.

1. Administrative activities associated with management of the designated Weatherization Office and management of programs and strategies in support of weatherization activities.
2. Development and implementation of training programs and strategies for weatherization effort, including initial home energy audits, final inspections and client education.
3. Purchase of vehicles and equipment needed for administrative activities, weatherization energy audits, installation of measures indicated below, and quality control inspections.
4. Weatherization activities restricted to structures less than forty-five (45) years old, are installed in existing buildings, are appropriately sized, are covered by Appendix A of 10 CFR 440, and/or approved as part of the energy audit approval procedures and material approvals process, and limited to:
 - a. Building Shell Measures:
 - i. Install insulation where needed
 - ii. Perform air sealing
 - iii. Repair and replace windows, install window film, awnings, and solar screens
 - b. Mechanical Measures
 - i. Clean, tune, repair, or replace heating and/or cooling systems
 - ii. Install duct and heating pipe insulation
 - iii. Repair leaks in heating/cooling ducts
 - iv. Install programmable thermostats
 - v. Repair/replace domestic water heaters
 - vi. Install domestic hot water heater tank insulation
 - c. Electric and Water Measures
 - i. Install efficient light sources
 - ii. Install low-flow showerheads
 - iii. Replace inefficient refrigerators with energy-efficient models
5. Energy-related health and safety measures per the most recently approved DOE Weatherization Program Notice (WPN), currently WPN 22-7 restricted to structures less than forty-five (45) years old, occur in existing buildings, and are limited to:
 - a. Combustion appliance safety inspections
 - b. Air quality assessment and limited removal of formaldehyde, volatile organic compounds, flammable liquids, and other air pollutants
 - c. Gas and bulk fuel leak inspections
 - d. Limited testing and/or containment, removal or disposal of lead, asbestos, mold, moisture, refrigerant, mercury, and other materials so WAP activities may be completed
 - e. Conduct radon testing and precautionary measures, including but not limited to, sump pump covers, covering exposed dirt floors with polyethylene sheeting which contains a rating of no more than 0.1 perm, which is sealed and attached at all seams, walls and foundation penetrations
 - f. Inspect and install carbon monoxide and smoke alarms
 - g. Install ventilation as required by the American Society of Heating and Air-Conditioning Engineers (ASHRAE) 62.2-2016 standard, including blower door testing addressing infiltration, ventilation, and exhaust
6. Weatherization Readiness activities focused on structural, health, and safety issues required before weatherization measures can be completed to help reduce the frequency of deferred homes, restricted to structures less than forty-five (45) years old, are installed in or on existing buildings, and are limited to:
 - a. Repair/replace damaged windows and doors
 - b. Minor electrical and plumbing repairs
 - c. Roof repair or replacement including, replacing decking material and roof, and/or changing roof material (e.g., shingles to metal)
 - d. Interior and exterior wall repairs
 - e. Ceiling repairs
 - f. Floor repairs
 - g. Foundation or subspace (crawl space) repairs
 - h. Exterior drainage repairs limited to gutter repair or replacement, trimming shrubs, and/or grading in close proximity to the perimeter of the foundation.
 - i. Clean-up or remediate beyond typical scope of WAP activities
 - i. Lead paint
 - ii. Asbestos (confirmed or suspected, including vermiculite)
 - iii. Mold and/or moisture

7. Incidental and necessary energy-related repairs and replacements, restricted to structures less than forty-five (45) years old

- a. Repair/replace damaged windows and doors
- b. Electrical and plumbing repairs

8. Development, implementation, and installation of onsite renewable energy technology, restricted to structures less than forty-five (45) years old, are installed in or on an existing structure, do not require ground disturbance, no trees are removed, and limited to:

- a. PV systems would be appropriately sized and would not exceed 60 kW
- b. Solar hot water heating systems would be appropriately sized and would not exceed 200,000 BTU/HR
- c. Battery storage, if applicable, would be attached to structure (e.g. inside a garage) and would not be visible from the public right of way

Activities/projects not listed above, including ground disturbing activities and tree removal, are not included under the ALRD categorical exclusion and are subject to additional NEPA review and approval by DOE. For activities/projects requiring additional NEPA review, states must complete the environmental questionnaire (EQ-1) found at <https://www.eere-pmc.energy.gov/NEPA.aspx> and receive notification from DOE that the NEPA review has been completed. A DOE Contracting Officer must provide approval prior to initiating the project or activities.

All incidental measures relating to hazardous materials identified during the WAP activities would be managed in accordance with applicable federal, state, and local requirements.

Recipients are required to review the DOE training on NEPA and Historic Preservation prior to commencing work on the above activities. The training is available at www.energy.gov/node/4816816. Recipients are responsible for contacting NEPA with any NEPA or historic preservation questions at GONEPA@ee.doe.gov.

Recipients are responsible for identifying and promptly notifying DOE of extraordinary circumstances, cumulative impacts, or connected actions that may lead to significant impacts on the environment, or any inconsistency with the "integral elements" (as contained in 10 CFR Part 1021, Appendix B) relating to any proposed activities. Additionally, the Recipient must demonstrate compliance with Section 106 of the National Historic Preservation Act (NHPA), and inform DOE of activities in the 100-year floodplain.

Activities that fit the restrictions of the Allowable Activities, except they involve structures 45 years or older, require the submission of a Historic Preservation Worksheet and approval from the DOE Contracting Officer prior to initiating the project. Recipients should contact their Project Officer or email GONEPA@ee.doe.gov for information to complete a Historic Preservation Worksheet.

DOE is required to consider floodplain management and wetland protection as part of its environmental review process (10 CFR 1022). As part of this required review, DOE determined requirements set forth in Subpart B of 10 CFR 1022 are not applicable to the activities described in Allowable Activities 1-7b above that would occur in the 100-year floodplain (hereinafter "floodplain") or wetland because the activities would not have short-term or long-term adverse impacts to the floodplain or wetland. These activities are administrative or minor modifications of existing facilities to improve environmental conditions. All other integral elements and environmental review requirements are still applicable. All activities (except those under Allowable Activities categories 1-7b) must document those activities do not occur in the floodplain or wetland. Activities occurring in the floodplain or wetland (except those under Allowable Activities 1-7b) are subject to additional NEPA review and approval by DOE.

For activities requiring additional NEPA review, Recipients must complete the environmental questionnaire (found at <https://www.eere-pmc.energy.gov/NEPA.aspx>) for review by DOE.

Most activities listed under "Allowable Activities" are more restrictive than the Categorical Exclusion. The restrictions must be followed for the Allowable Activities to be applicable.

NEPA PROVISION

DOE has made a conditional NEPA determination.

The NEPA Determination applies to the following Topic Areas, Budget Periods, and/or tasks:

This NEPA Determination only applies to activities funded by the WAP Program Year 2023 Formula Grants Administrative and Legal Requirements Document and WAP Community Scale Pilot Projects, as applicable, and on structures less than forty-five (45) years old.

The NEPA Determination does not apply to the following Topic Area, Budget Periods, and/or tasks:

This NEPA Determination does NOT apply to activities funded by sources other than the WAP Program Year 2023 Formula Grants Administrative and Legal Requirements Document or WAP Community Scale Pilot Projects, activities that do not fit within the restrictions of the Allowable Activities listed above, activities on structures forty-five (45) years or older, or to activities that do not fit within the restrictions of the Allowable Activities listed above.

Include the following condition in the financial assistance agreement:

1. This NEPA Determination only applies to activities funded by the WAP Program Year 2023 Formula Grants Administrative and Legal Requirements Document and WAP Community Scale Pilot Projects, as applicable.
2. Activities not listed under "Allowable Activities" including activities on structures more than forty-five (45) years old, ground disturbing activities, and tree removal, are subject to additional NEPA review and approval by DOE. For activities requiring additional NEPA review, Recipients must complete the environmental questionnaire found at <https://www.eere-pmc.energy.gov/NEPA.aspx> and receive notification from DOE that the NEPA review has been completed. A DOE Contracting Officer must provide approval prior to initiating the project or activities.
3. Any activities on tribal lands or tribal properties are restricted to homes/buildings less than forty-five (45) years old and without ground disturbance. Recipients may contact their Project Officer for a Historic Preservation Worksheet to request a review of activities that are listed below on tribal homes/buildings forty-five(45) years and older and/or ground disturbing activities. Approval from DOE is required prior to initiating activities reviewed on a Historic Preservation Worksheet.
4. This authorization does not include activities where the following elements exist: extraordinary circumstances; cumulative impacts or connected actions that may lead to significant effects on the human environment; or any inconsistency with the "integral elements" (as contained in 10 CFR Part 1021, Appendix B) as they relate to a particular project.
5. The Recipient must identify and promptly notify DOE of extraordinary circumstances, cumulative impacts or connected actions that may lead to significant effects on the human environment, or any inconsistency with the "integral elements" (as contained in 10 CFR Part 1021, Appendix B) as they relate to project activities.
6. Activities that fit the restrictions of the Allowable Activities, but involve structures 45 years or older, require a Historic Preservation Worksheet submission and approval from the DOE Contracting Officer prior to initiating the project. Recipients should contact their Project Officer or email GONEPA@ee.doe.gov for information to complete a Historic Preservation Worksheet.
7. Most activities listed under "Allowable Activities" are more restrictive than the Categorical Exclusion. The restrictions listed in the "Allowable Activities" must be followed.
8. Recipients are responsible for reviewing the online NEPA and Historic preservation training at www.energy.gov/node/4816816 and contacting NEPA with any questions at GONEPA@ee.doe.gov.
9. This authorization excludes any activities that are otherwise subject to a restriction set forth elsewhere in the Award.

Notes:

Office of State and Community Energy Programs - WAP

This NEPA Determination requires legal review of the tailored NEPA provision.

NEPA review completed by Diana Heyder, 04/04/23

FOR CATEGORICAL EXCLUSION DETERMINATIONS

The proposed action (or the part of the proposal defined in the Rationale above) fits within a class of actions that is listed in Appendix A or B to 10 CFR Part 1021, Subpart D. To fit within the classes of actions listed in 10 CFR Part 1021, Subpart D, Appendix B, a proposal must be one that would not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities; (3) disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources, including, but not limited to, those listed in paragraph B(4) of 10 CFR Part 1021, Subpart D, Appendix B; (5)

involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those listed in paragraph B(5) of 10 CFR Part 1021, Subpart D, Appendix B.

There are no extraordinary circumstances related to the proposed action that may affect the significance of the environmental effects of the proposal.

The proposed action has not been segmented to meet the definition of a categorical exclusion. This proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1)), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211 concerning limitations on actions during preparation of an environmental impact statement.

A portion of the proposed action is categorically excluded from further NEPA review. The NEPA Provision identifies Topic Areas, Budget Periods, tasks, and/or subtasks that are subject to additional NEPA review.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:  **Electronically Signed By: Casey Strickland** Date: 4/6/2023
NEPA Compliance Officer

FIELD OFFICE MANAGER DETERMINATION

- Field Office Manager review not required
- Field Office Manager review required

BASED ON MY REVIEW I CONCUR WITH THE DETERMINATION OF THE NCO :

Field Office Manager's Signature: _____ Date: _____
Field Office Manager