



NOTICE OF GRANT AND AGREEMENT AWARD

1. Award Identifying Number NR209327XXXXC001	2. Amendment Number 0002	3. Award /Project Period 05/11/2020 - 09/25/2026	4. Type of award instrument: Cooperative Agreement
5. Agency (Name and Address) Natural Resources Conservation Service 1365 Corporate Blvd. Reno, NV 89502-7102		6. Recipient Organization (Name and Address) CITY OF RENO 1 EAST FIRST STREET RENO NV 89505-1900 UEI Number / DUNS Number: UYC2NHKR8814 / 023286292 EIN:	
7. NRCS Program Contact Name: MARK MARTINI Phone: (702) 281-6727 Email: Mark.Martini@usda.gov	8. NRCS Administrative Contact Name: KAYLIE ALDERMAN Phone: (817) 509-3374 Email: kaylie.alderman@usda.gov	9. Recipient Program Contact Name: Stavros Gamilis Phone: (775) 334-2461 Email: gamiliss@reno.gov	10. Recipient Administrative Contact Name: Stavros Gamilis Phone: (775) 334-2461 Email: gamiliss@reno.gov
11. CFDA 10.916	12. Authority 16 U.S.C. 1012	13. Type of Action Amendment/Revision	14. Program Director Name: Stavros Gamilis Phone: (775) 334-2461 Email: gamiliss@reno.gov
15. Project Title/ Description: Develop a Watershed Plan/Environmental Assessment (Plan/EA) and Design and implement the Construction for the Peavine Watershed East and West Wash Dam Rehabilitation.			
16. Entity Type: C = City or township Government			
17. Select Funding Type			
Select funding type:	<input checked="" type="checkbox"/> Federal	<input checked="" type="checkbox"/> Non-Federal	
Original funds total	\$2,812,000.00	\$680,077.00	
Additional funds total	\$321559.00	\$0	
Grand total	\$3,133,559.00	\$680,077.00	
18. Approved Budget			

Personnel	\$0.00	Fringe Benefits	\$0.00
Travel	\$0.00	Equipment	\$0.00
Supplies	\$0.00	Contractual	\$0.00
Construction	\$1,263,000.00	Other	\$1,870,559.00
Total Direct Cost	\$3,133,559.00	Total Indirect Cost	\$0.00
		Total Non-Federal Funds	\$680,077.00
		Total Federal Funds Awarded	\$3,133,559.00
		Total Approved Budget	\$3,813,636.00

This agreement is subject to applicable USDA NRCS statutory provisions and Financial Assistance Regulations. In accepting this award or amendment and any payments made pursuant thereto, the undersigned represents that he or she is duly authorized to act on behalf of the awardee organization, agrees that the award is subject to the applicable provisions of this agreement (and all attachments), and agrees that acceptance of any payments constitutes an agreement by the payee that the amounts, if any, found by NRCS to have been overpaid, will be refunded or credited in full to NRCS.

Name and Title of Authorized Government Representative Heidi Ramsey State Conservationist	Signature	Date
Name and Title of Authorized Recipient Representative Hillary L. Schieve Mayor - City of Reno	Signature	Date
Name and Title of Authorized Recipient Representative Mikki Huntsman City Clerk - City of Reno	Signature	Date
Name and Title of Authorized Recipient Representative Susan Ball Rothe Deputy City Attorney- City of Reno	Signature	Date

NONDISCRIMINATION STATEMENT

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW., Washington, DC 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

PRIVACY ACT STATEMENT

The above statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. Section 522a).

Statement of Work

Please note that any narrative below should be considered in addition to the original Statement of Work, as well as any prior amendments.

Purpose

The purpose of this amendment is to increase the amount of funding as shown on NOA and the updated budget narrative section, and replace the General Terms and Conditions, and incorporate the attached Statement of Work Requirements and Technical Specifications for Field Investigations and Seismicity Evaluation to describe the technical requirements and scope of the project.

Except as provided herein, all other terms and conditions of the original agreement and any previous amendments remain unchanged and in full force and effect.

Objectives

There are no changes to this section from the statement of work.

Budget Narrative

The below Budget Narrative adds to the Budget Narrative in the original agreement and prior amendments.

The official budget described in this Budget Narrative will be considered the total budget as last approved by the Federal awarding agency for this award. Amounts included in this budget narrative are estimates. Reimbursement or advance liquidations will be based on actual expenditures, not to exceed the amount obligated.

A. The estimated costs for the above specified dam are outlined below:

The budget includes:

Total Project Costs (construction and in-kind): \$3,813,636.00

Total Cost Share & Non-Cost Share

NRCS: \$3,133,559.00

Sponsor In-Kind and cash for construction \$680,077.00

B. Budget broken into Cost Share Items and Non-Cost Share Items below:

Cost share Items: \$1,943,077

1. Construction: \$1,573,077

a. NRCS \$1,263,000

b. Sponsor \$310,077

2. Land Rights (Sponsor) \$250,000

3. Project Administrative (Sponsor) \$120,000

Non-Cost Share Costs: \$1,549,000 (NRCS costs 100 percent)

4. Planning: \$741,559 (increase of \$321,559)

5. Design: \$677,000

6. Contracting, Engineering &

QA services for construction

inspection and oversight: \$452,000

C. Cost Share

1. Sponsor:

The Sponsor will provide 35 percent of the total eligible project costs for items (items 1-4) referenced above. The following in-kind contributions and/or cash cost share are approved for this project:

Total Value of Cost Share: \$680,077

a. Construction: \$310,077

- b. Land Rights: \$250,000
- c. Project Administration: \$120,000

2. NRCS:

The NRCS will provide 65 % of the total eligible project costs items (1-3) referenced above, but NRCS's contribution will not exceed 100 % of the actual construction cost of the rehabilitation project. NRCS is responsible for 100% of the construction inspection, quality assurance and administration not to exceed the amount referenced items (4-6) above.

Cost-share amounts for the work will be based on the total eligible project cost. Total eligible project cost includes Federal and non-Federal costs, including construction; "replacement in kind" and "required safe and sanitary" relocation payments; real property rights acquired in addition to those necessary for the original dam construction; and non-Federal technical assistance for planning, engineering, and project administration. The value of all real property rights must be determined by a qualified professional appraiser and certified by a responsible Sponsor official.

Planning and concept design costs are expenses incurred for surveys and investigations, environmental studies, evaluation of alternatives, and preparation of plans and design prior to the authorization of assistance for the installation of works of improvement.

Responsibility of the Parties

There are no changes to this section from the statement of work.

Expected Accomplishments and Deliverables

See attached Statement of Work Requirements and Technical Specifications for Field Investigations and Seismicity Evaluation

H. DELIVERABLES

1. A detailed geologic investigation and a geotechnical report signed and sealed by a professional engineer, licensed in the state of Nevada; and a professional geologist, as defined in Statutes of Nevada, Chapter 591, AB531, Section 3. The deliverables must include but are not limited to:

- a. Description of the regional and site-specific geology including results and recommendations of the seismicity evaluation.
- b. Plan view map of the site that illustrates the location of all boreholes and test pits.
- c. Detailed, both original (or copies) and type-written, complete borehole and test pit logs and field notes.
- d. Profiles of the auxiliary spillway showing layers, sample locations, "n" values, and headcut erodibility values for each layer.
- e. Profiles of the embankment showing layers or zones, sample locations and "n" values.
- f. Complete rock core samples contained in labeled boxes conforming to NEH Part 631, Chapter 5. After the rock cores are processed and catalogued, DOWL must send them to the Nevada NRCS State Office at:

Natural Resources Conservation Service Nevada

Attn: NRCS State Geologist (Adam Porath)

Project: West Wash Dam

300 Booth Street

Reno, NV 89509

- g. Photographs of rock core samples conforming to NEH Part 631, Chapter 5.
- h. DOWL must provide complete results, forms, and/or calculation sheets of all soil laboratory tests conducted.
- i. DOWL must evaluate seepage and slope stability in accordance with 210-TR-60 and provide computer modeling input data, output data, and results.
- j. DOWL must evaluate for collapsible soils
- k. DOWL must evaluate the stability and integrity of the auxiliary spillway in accordance with 210-TR-60 and provide computer modeling input data, output data, SITES profiles (or equivalent), and results. Refer to 210- NEH-628 for guidance.
- l. Geologic Investigation and Soil Mechanics Testing are to be in separate reports.

a. Draft Geologic Investigation and Soil Mechanics Report

b. Final Geologic Investigation and Soil Mechanics Report

Geologic and geotechnical conclusions must be incorporated into the text of the Plan-Environmental Document to describe the existing conditions and to support the formulation, evaluation, and conclusions of alternatives carried forward for a detailed study. An executive summary of the geologic and geotechnical conclusions must be incorporated into the Investigations and Analyses Report (Appendix D of the Environmental Assessment) to support the conclusions,

formulation, evaluation, and conclusions stated in the body of the plan. This will include descriptions of procedures, techniques, assumptions, and the scope and intensity of the investigations so that a reader not familiar with the watershed site or its problems can form an opinion on the adequacy of the plan. Handwritten field logs and notes will be included.

2. Principle Spillway Inspection

Deliverable items must include a narrative report of principle spillway and CCTV inspection with photographs and plotted cross sections and profiles and a video recording of the principal spillway.

3. Sediment Analysis (Survey) from Technical Memorandum 1 and 2

Deliverable items include:

- a topographic map of the surveyed dam site and reservoir area including bathymetric data obtained during the sediment analysis (survey);
- text files of all surveyed points or LiDAR files used for analysis.

The maps will be delivered as part of the project folder as paper drawings and pdf files at a scale appropriate for 11” x 17” exhibits in the Plan-Environmental Document, as well as AutoCAD drawings in dwg format including all points, surfaces, and externally referenced files. The maps will be included as an addendum to Technical Memorandum 2.

Resources Required

There are no changes to this section from the statement of work.

Milestone

There are no changes to this section from the statement of work.

GENERAL TERMS AND CONDITIONS

Please reference the below link(s) for the General Terms and Conditions pertaining to this award:

<https://www.fpacbc.usda.gov/about/grants-and-agreements/award-terms-and-conditions/index.html>

Statement of Work (SOW)

Requirements and Technical Specifications for

Field Investigations and Seismicity Evaluation (Task 13)

Peavine Creek-Truckee River Watershed - West Wash Dam (NV00078) and East Wash Diversion Dam (NV00079)

A. INTRODUCTION

The work consists of conducting a geologic and geotechnical investigation (GI/SM) seismicity investigation, supplemental sediment analysis information, and principal spillway investigation for West Wash Dam (NV00078) and East Wash Diversion Dam (NV00079). West Wash Dam was constructed in 1960. West Wash Dam was constructed for flood control and to reduce the potential for flood damages downstream. East Wash Diversion Dam was constructed in 1961. East Wash Diversion Dam was constructed for flood and debris control.

The project area is located south of Nevada State Route 659/McCarran Boulevard and is in the West University area in Reno, Nevada. The existing West Wash Dam (latitude 39° 32' 29.68" N, longitude 119° 50' 45.7" W) is approximately 780 feet in length and up to 70 feet in effective, and in accordance with Title 210, National Engineering Manual (NEM), Part 531 (210-NEM-531) "Geology" Section 210-NEM-531.1(1)(i) is a Group A structure for engineering geologic investigations.

DOWL (formally Farr West) must provide all required –

1. Geological and geotechnical services, oversight and quality control of drilling services and excavating services, selection of a qualified and accredited laboratory facility to perform requisite sample analysis, and special geotechnical analysis services as required.
2. CCTV services, oversight and quality control for the principal spillway inspection.
3. Provide updated sediment analysis (Technical Memorandum 1 and 2) documents and files.
4. Seismicity evaluation services in accordance with Title 210, Technical Release (TR) 60, "Earth Dams and Reservoirs" (210-TR-60).

All work must meet USDA - Natural Resource Conservation Service (NRCS) and Nevada Division of Water Resources (NDWR) requirements. If there is a conflict between two, DOWL must follow the more stringent of the two requirements.

B. REFERENCE MATERIALS

1. The following is a list of potential NRCS reference materials that are required at minimum for executing the work. DOWL can download most of these documents

from the NRCS website [eDirectives](#). The NRCS Project Engineer will furnish reference materials not available on the NRCS Website upon request from DOWL. Non-NRCS documents must be obtained by DOWL.

- a. Title 210-National Engineering Manual (NEM)
 - (1) Part 503 – Safety
 - (2) Part 511 – Design
 - (3) Part 520, Subpart C - Dams
 - (4) Part 531 - Geology
 - (5) Part 533 - Geotechnical Engineering
- b. Title 210 – National Engineering Handbook (NEH)
 - (1) Part 624 - Water Table Control
 - (2) Part 628 - Dams
 - (3) Part 631 - Geology
 - (4) Part 633 - Soil Engineering
 - (5) Part 650 - Engineering Field Handbook
 - (6) Part 653 - Stream Corridor Restoration: Principle, Processes, and Practices
 - (7) Part 654 - Stream Restoration Design
- c. NRCS 210-National Instruction (NI), Part 302 “Interim Guidance for Seismic Hazard Data Collection and Evaluation for the Planning and Design of NRCS Structures (210-NI-302)
- d. NRCS Technical Releases (TR)
 - (1) TR-210-17 - Geologic Investigation for Watershed Planning
 - (2) TR-210-48 - SITES Water Resource Site Analysis Computer Program User's Guide; Archived, Located at [SITES 2005 Water Resource Site Analysis Computer Program](#)
 - (3) TR-210-60 - Earth Dams and Reservoirs
- e. Dam/Principal & Auxiliary Spillway Evaluation: [SITES Version 2005.1.12 | Natural Resources Conservation Service](#)

- f. U.S. Army Corps of Engineers ER 1110-1-1807, Procedures for Drilling in Earth Embankments.
- g. Nevada Division of Water Resources (NDWR) water.nv.gov/index.aspx
- h. ASTM International
 - (1) Current D1586 - Standard Test Method for Standard Penetration Test (SPT) and Split-Barrel Sampling of Soils
 - (2) Current D1587/D1587M - Standard Practice for Thin-Walled Tube Sampling of Fine-Grained Soils for Geotechnical Purposes
 - (3) Current ASTM D4546-14e1 "Standard Test Methods for One-Dimensional Swell or Collapse of Soils"

C. PERSONNEL

Personnel used for geotechnical investigations must be as stated in the Statement of Work Appendix B "Personnel" with the following additional requirements.

- 1. DOWL must conduct all work by a professional geologist and professional engineer, licensed in the state of Nevada, as defined in NRS 514 and NRS 625. Personnel will affix their Professional stamp (seal) on all applicable drawings and documents
- 2. All aspects of the field investigation must be overseen by a professional geologist with experience in geotechnical investigations. This person will not serve as a member of the drill crew.
- 3. NRCS geologist will be on site providing oversight in accordance with NEH 210 631. DOWL must identify locations of boreholes, test pits, sample locations and collection, transport and testing methods with concurrence with the NRCS geologist. DOWL must provide NRCS within a 48 hours' notice to ensure the availability of NRCS geologist.

D. EQUIPMENT

- 1. DOWL must provide a list of all equipment that will likely be used to complete the field investigations. Site preparation equipment must be included. Appropriate field-testing equipment must be included in the geologic and geotechnical investigation plan.
- 2. Field investigations include -
 - a. Subsurface Investigation including the geophysical survey.
 - b. Principal spillway inspection.

E. SCHEDULE

The timeline to complete the tasks herein must be generated by DOWL and included in the geologic and geotechnical investigation plan, and the principal spillway inspection plan for approval by the NRCS Project Engineer prior to initiation of work. A Gantt chart in Portable Document Format (*.pdf) format must be provided prior to any work being performed and within ten (10) business days of agreement of the Statement of Work between the Sponsor, DOWL, and NRCS; and funding being available. The Gantt chart must show sufficient detail of the project schedule of drilling, investigative work, laboratory work, analysis, and report preparation to be conducted. The schedule must be provided to the City of Reno and NRCS Project Engineer. Once submitted to the NRCS Project Engineer, allow ten (10) business days for review. If the schedule is found to be unsatisfactory by the City of Reno and/or NRCS staff, a revised schedule must be resubmitted within ten (10) business days.

F. PRE-INVESTIGATION CONFERENCE

Attend a pre-investigation conference with NRCS State Conservation Engineer, NRCS Geologist, NRCS Project Engineer, and other NRCS staff, as appropriate prior to the start of any work. This may be held remotely, or site walk-through if requested in advance.

G. FIELD INVESTIGATIONS AND SEISMICITY EVALUATION**Geologic and geotechnical Investigations**

- a. The geologic investigation will include a desktop study of all available information provided by NRCS and national state publications and programs. A seismicity evaluation will also be conducted in accordance with 210-TR-60. Refer to 210-NI-302 for guidance on conducting a seismicity evaluation.
- b. General Drilling Plan Guidance and Requirements:
 - (1) The geologic investigation, including a subsurface exploration and a geophysical survey, will seek to verify historic borings and design drawings for composition of the existing embankment and subsurface material to meet NRCS standards and specifications for a Group A structure site, and Nevada Division of Water Resources Dam Design Guidelines. Provide a drilling and test pit plan not to exceed 10 boreholes and three (3) test pits. Maps and drawings are provided in Appendix A. The proposed drill rig proposed must be able to traverse unpaved, relatively level to uneven/rough land surfaces. The drilling method should not produce the possibility of hydraulic fracture while drilling through the embankment. It must have the ability to auger and/or core soils and bedrock material to the depths necessary to obtain the required information. The drill rig must be capable of driving continuous samplers, Shelby tubes, split spoon samplers, and performing standard penetration tests (SPT). Proposed excavating

equipment and must be capable of reaching depths necessary to obtain the required information.

- (2) When sampling with splitspoons, standard penetration tests (SPT) must be performed at each interval sampled. Samples collected must represent each interval drilled in uniform materials or each differing material should a change occur before reaching the next sampling interval. Continuous sampling may be used if deemed necessary to gain a more detailed representation of the materials observed between planned intervals. Depth to ground water, if reached, must be recorded and monitored over a 24-hour period. After the 24-hour ground water recording period has concluded, the boring(s) will be properly grouted/sealed per the method in the current U.S. the current Army Corps of Engineers ER 1110-1-1807 Drilling in Earth Embankment Dams and Levees

- a) Centerline of Dam

A maximum of two (2) boreholes must be located along the centerline of the existing embankment and the proposed alignment of the auxiliary spillway to investigate embankment and foundation soils. Boreholes along the centerline must be advanced to a depth of two (2) times the proposed embankment height, (~150'). Depths may vary once borehole locations are surveyed and drilled.

All test holes penetrating the existing embankment must follow guidance outlined in the current U.S. Army Corps of Engineers ER 1110-1-1807, Procedures for Drilling in Earth Embankments. Plans must detail procedures to mitigate hydraulic fracture by drilling mud and plans for borehole abandonments after drilling and data collection.

- b) Downstream Toe/Foundation

A maximum of two (2) boreholes must be located along the existing embankment toe for purposes of investigating foundation conditions. The approximate depths must be similar the elevation depth of the two (2) centerline bores. Depths may vary once borehole locations are surveyed and drilled. The boreholes may not be easily accessible. DOWL must determine how best to access these locations.

- c) Upstream Toe/Foundation

A maximum of one (1) borehole must be located at the northeast corner of the existing embankment toe, for purposes of investigating foundation conditions. Depths may vary once borehole locations are surveyed and drilled.

d) Auxiliary Spillway

Three (3) boreholes are located in the upstream, flat, and downstream areas of the auxiliary spillway (Appendix A), respectively. The approximate depth is depicted in Table 1; depths may vary once borehole locations are surveyed and drilled.

e) Borrow Areas

A maximum of two (2) test pits and a maximum of two (2) boreholes must be placed in the proposed borrow areas within the reservoir basin to-

- i Identify and classify the materials according to their availability and suitability for their intended use
- ii The boreholes must also be used to evaluate slope stability. Borehole depths may vary once borehole locations are surveyed and drilled, and additional sampling may be required based on field conditions observed while drilling.

(3) Samples representing each defined material required for use must be collected for laboratory testing. DOWL must determine the quantities and location of desirable materials, and the areas in which it may be most conveniently developed. DOWL must also determine the method of excavation.

c. Geophysical Survey

A geophysical investigation using multi-channel analysis of surface waves (MASW) must be conducted between the associated boreholes. Interpretation of acquired data must be ground-truthed using data collected from the drilling, sampling, and soil mechanics laboratory testing. A seismic refraction velocity profile of the MASW data will characterize Vs30) DOWL must provide interpreted information on discontinuities and heterogeneity in the subsurface within the geotechnical report.

d. Principle Spillway Inspection

Perform and record a closed caption television (CCTV) inspection of the principal spillway conduit and a narrative report with photographs.

H. DELIVERABLES

1. A detailed geologic investigation and a geotechnical report signed and sealed by a professional engineer, licensed in the state of Nevada; and a professional

geologist, as defined in Statutes of Nevada, Chapter 591, AB531, Section 3. The deliverables must include but are not limited to:

- a. Description of the regional and site-specific geology including results and recommendations of the seismicity evaluation.
- b. Plan view map of the site that illustrates the location of all boreholes and test pits.
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- f. Complete rock core samples contained in labeled boxes conforming to NEH Part 631, Chapter 5. After the rock cores are processed and catalogued, DOWL must send them to the Nevada NRCS State Office at:

Natural Resources Conservation Service Nevada
Attn: NRCS State Geologist (Adam Porath)
Project: West Wash Dam
300 Booth Street
Reno, NV 89509

- g. Photographs of rock core samples conforming to NEH Part 631, Chapter 5.
- h. DOWL must provide complete results, forms, and/or calculation sheets of all soil laboratory tests conducted.
- i. DOWL must evaluate seepage and slope stability in accordance with 210-TR-60 and provide computer modeling input data, output data, and results.
- j. DOWL must evaluate for collapsible soils
- k. DOWL must evaluate the stability and integrity of the auxiliary spillway in accordance with 210-TR-60 and provide computer modeling input data, output data, SITES profiles (or equivalent), and results. Refer to 210- NEH-628 for guidance.
- l. Geologic Investigation and Soil Mechanics Testing are to be in separate reports.
 - a. Draft Geologic Investigation and Soil Mechanics Report

b. Final Geologic Investigation and Soil Mechanics Report

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2. Principle Spillway Inspection

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3. Sediment Analysis (Survey) from Technical Memorandum 1 and 2

Deliverable items include:

- a topographic map of the surveyed dam site and reservoir area including bathymetric data obtained during the sediment analysis (survey);
- text files of all surveyed points or LiDAR files used for analysis.

The maps will be delivered as part of the project folder as paper drawings and pdf files at a scale appropriate for 11" x 17" exhibits in the Plan-Environmental Document, as well as AutoCAD drawings in dwg format including all points, surfaces, and externally referenced files. The maps will be included as an addendum to Technical Memorandum 2.

I. SUPPORTING DATA

All documents and data used in the preparation of the geological and subsurface investigation are the property of NRCS and are to be provided to NRCS at the end of the performance period. This includes the original handwritten field notes and boring logs.

J. MEASUREMENT AND PAYMENT

This Statement of Work for geologic and geotechnical investigation (GI/SM) and amendment does not change the submitting of invoices, progress reports, and other document requirements described in Exhibit A Scope of Work - Supplemental Watershed Plan and Environmental Assessment for the Peavine Mountain Watershed West Wash Dam Rehabilitation August 2020.

K. PERFORMANCE TIME

1. The performance time for Task 13 is one hundred twenty (120) calendar days from when the schedule is approved by NRCS. The performance time includes all planning services, meetings, field work, laboratory testing, analyst, report preparation, and reviews.
2. NRCS will have twenty (20) business days from the day of receipt to review the draft geological investigation report. Additional time for review of resubmittals may be necessary if unresolved issues arise during the review period.
3. It is acceptable and preferred for DOWL to complete individual deliverable items early to reduce review times and revisions of subsequent work.
4. DOWL's request to change the project schedule must be submitted in writing (email) to the NRCS Project Engineer with a justification for the change. The Project Engineer will confer with NRCS staff and notify DOWL within ten (10) business days of the decision whether the requested change to the project is approved.
5. It may be possible to work on several subsidiary items concurrently. DOWL must coordinate with the Project Engineer to ensure the project progresses on schedule while avoiding starting subsidiary items that may depend on data or decisions from a prior or subsequent phase.
6. Start and finish dates will adhere to the overall performance time stated in this SOW.

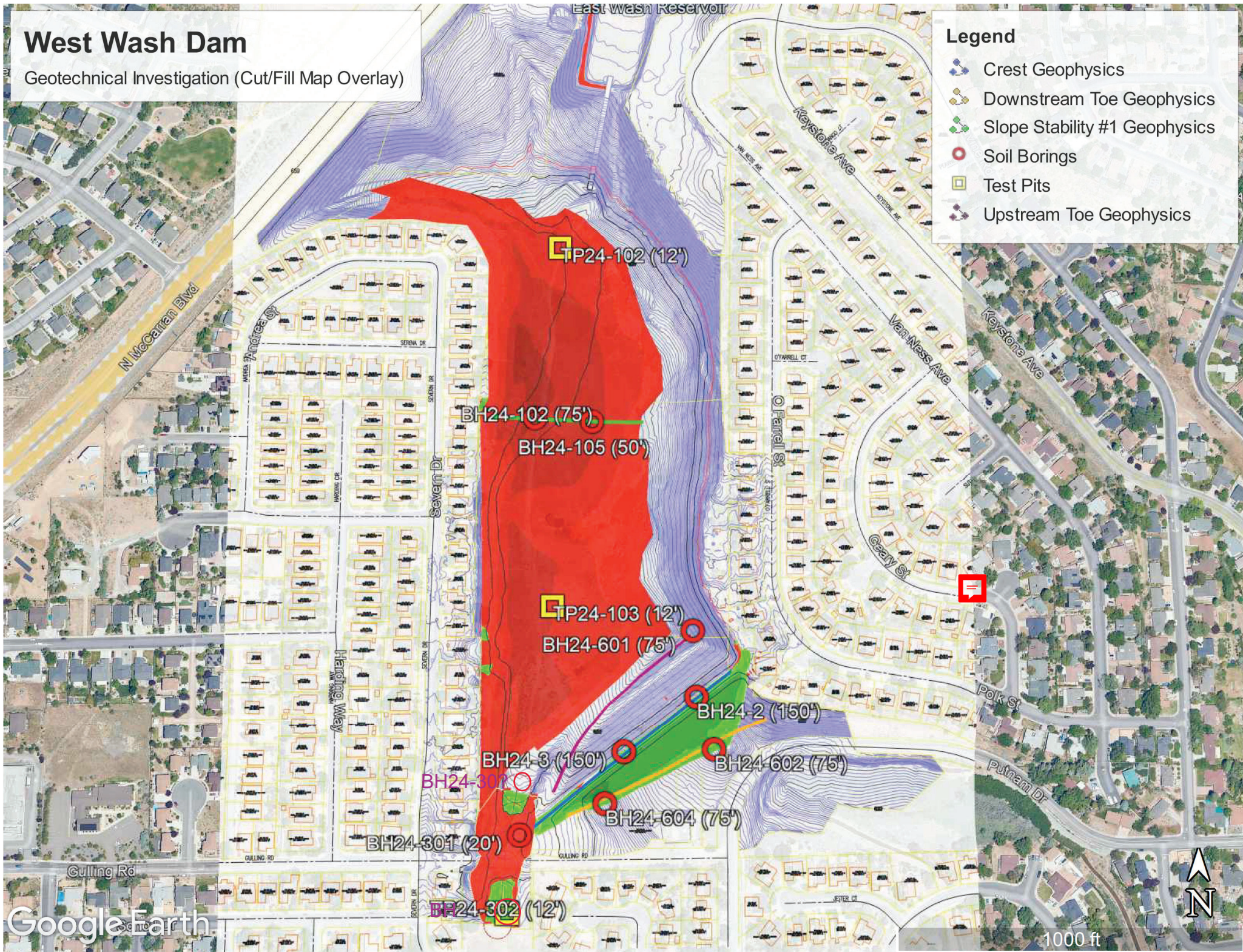
APPENDIX A – MAP AND LOCATIONS

West Wash Dam

Geotechnical Investigation (Cut/Fill Map Overlay)

Legend

- Crest Geophysics
- Downstream Toe Geophysics
- Slope Stability #1 Geophysics
- Soil Borings
- Test Pits
- Upstream Toe Geophysics



APPENDIX B – PERSONNEL

The on-site Government Representative for the tasks detailed in this GI SOW is Dennis A. Porath.

(Adam) Porath, Geologist

USDA Natural Resources Conservation Service

Nevada State Office

300 Booth St. USDA, Suite 2070

Reno, NV 89509

Phone: 775-834-0880

Email: dennis.porath@usda.gov

DOWL Staff:

**U.S. DEPARTMENT OF AGRICULTURE
FARM PRODUCTION AND CONSERVATION**

**GENERAL TERMS AND CONDITIONS FOR
GRANTS AND COOPERATIVE AGREEMENTS**

October 2024

The Farm Production and Conservation (FPAC) mission area encompasses the following USDA agencies:

- Natural Resources Conservation Service (NRCS)
- Farm Service Agency (FSA)
- Risk Management Agency (RMA)
- FPAC Business Center (FPAC BC)

These general terms and conditions apply to all FPAC mission area agencies and the Commodity Credit Corporation, collectively referred to as the USDA agency.

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A. APPLICABLE REGULATIONS

1. As a condition of this award, the recipient assures and certifies that it has and/or will comply and require subrecipients to comply with the requirements contained in the following statutes and regulations, as applicable. The full text of Code of Federal Regulations (CFR) references may be found at <https://www.gpo.gov/fdsys/browse/collectionCfr.action?collectionCode=CFR> and <http://www.ecfr.gov/>.
 - a. 2 CFR Part 25, “Universal Identifier and System of Award Management”
 - b. 2 CFR Part 170, “Reporting Subaward and Executive Compensation Information”
 - c. 2 CFR Part 175, “Award Term for Trafficking in Persons”
 - d. 2 CFR Part 180, “OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement)”
 - e. 2 CFR Part 182, “Governmentwide Requirements for Drug- Free Workplace (Financial Assistance)”
 - f. 2 CFR Part 183 Never Contract with the Enemy
 - g. 2 CFR Part 184, “Buy America Preferences for Infrastructure Projects”
 - h. 2 CFR Part 200, “Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards”
 - i. 2 CFR Part 400, “Uniform Administrative Requirements, Cost Principles, And Audit Requirements for Federal Awards”
 - j. 2 CFR Part 417, “Nonprocurement Debarment and Suspension”
 - k. 2 CFR Part 418, “New Restrictions on Lobbying”
 - l. 2 CFR Part 421, “Requirements for Drug-Free Workplace (Financial Assistance)”
 - m. 2 CFR Part 422, “Research Institutions Conducting USDA-Funded Extramural Research; Research Misconduct”
2. Allowable project costs will be determined in accordance with the authorizing statute, the purpose of the award, and, to the extent applicable, to the type of organizations receiving the award, regardless of tier. The following portions of the Code of Federal Regulations are hereby incorporated by reference. The full text of Code of Federal Regulations references may be found at <https://www.ecfr.gov/current/title-2/subtitle-A/chapter-II/part-200>, 2 CFR Part 200, “Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards”
3. For corporate recipients, by accepting this award the recipient acknowledges: (1) that it does not have a Federal tax delinquency, meaning that it is not subject to any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability, and (2) that it has not been convicted of a felony criminal violation under any Federal law within 24 months preceding the award, unless a suspending and debarring official of the USDA has considered suspension or debarment of the recipient corporation

based on these convictions and/or tax delinquencies and determined that suspension or debarment is not necessary to protect the interests of the Government. If the recipient fails to comply with these provisions, the agency will annul this agreement and may recover any funds the recipient has expended in violation of the above cited statutory provisions.

B. USE AND ACCEPTANCE OF ELECTRONIC SIGNATURES

Use of electronic signatures is encouraged to increase efficiency when creating and maintaining electronic records. "Electronic signature" means symbols or other data in digital form attached to an electronically submitted document as verification of the sender's intent to sign the document or a method of signing an electronic message that identifies and authenticates a particular person as the source of the electronic message and indicates such person's approval of the information contained in the message along with a date stamp (44 U.S.C. 3504, Sec. 1710). The USDA agency will accept such signatures on application materials, payment requests, reports, and any other document that requires a signature certification. Scanned or photographed images of manual signatures are also acceptable, though photographs are least preferred due to the large amount of digital storage required to maintain them. Names merely typed in script fonts or other unverified electronic signatures cannot be accepted. Application documents submitted through Grants.gov are deemed "signed" if they bear the Grants.gov date stamp footer. Documents transmitted via ezFedGrants are digitally authenticated and acceptable.

C. AGREEMENT COUNTERPARTS

This Agreement may be executed in one or more counterparts, and by the parties in separate counterparts, each of which when executed shall be deemed to be an original but all of which taken together shall constitute one and the same agreement.

D. CONFLICT OF INTEREST

Recipients must maintain written standards of conduct covering conflicts of interest and governing the performance of its employees in the selection, award, and administration of Federal awards. No employee, officer or agent may participate in the selection, award, or administration of a Federal award if he or she has a real or apparent conflict of interest. Such a conflict of interest would arise when the employee, officer, or agent, any member of his or her immediate family, his or her partner, or an organization which employs or is about to employ any of the parties indicated herein, has a financial or other interest in or a tangible personal benefit from a non-Federal entity considered for a Federal award. Recipients may set standards for situations in which the financial interest is not substantial, or the gift is an unsolicited item of nominal value. The standards of conduct must provide for disciplinary actions to be applied for violations of such standards by officers, employees, or agents of the recipient. Recipients must establish internal controls that include, at a minimum, procedures to identify, disclose, and mitigate or eliminate identified conflicts of interest.

E. UNALLOWABLE COSTS

The following costs are not allowed:

1. Profit and management fees. Recipients may not earn and keep income resulting from an award.
2. Costs above the amount authorized for the project.

3. Costs incurred after the award period of performance end date, except for costs in accordance with 2 CFR 200.403.
4. Costs not identified in the approved budget or approved budget revisions.
5. Costs of promotional items and memorabilia, including models, gifts, and souvenirs.
6. Compensation for injuries to persons or damage to property arising from project activities.
7. Meals: Meals may be charged to an award only if they are necessary for the performance of the project. For instance, meals (normally only lunch) that are a necessary part of the costs of meetings and conferences (i.e., required attendance and continuity of a meeting), the primary purpose of which is the dissemination of information, are allowable, as are costs of transportation, rental of facilities, speakers' fees, and other items incidental to such meetings or conferences. Note: Meals consumed while in official travel status do not fall in this category. They are considered to be per diem expenses and should be reimbursed in accordance with the organization's established travel policies subject to statutory limitations or in accordance with Federal travel policies.
8. Costs normally charged as indirect costs may not be charged as direct costs without proper justification and agency approval. Proper justification includes documentation that the costs meet the criteria for allowability (see 2 CFR 200.403). Examples of such costs include rent, utilities, depreciation on buildings and equipment, the costs of operating and maintaining facilities, and general administration and general expenses, such as the salaries and expenses of executive officers, personnel administration, and accounting.
9. Salaries that are not commensurate with level of work: All costs must be reasonable to be allowable (2 CFR 200.403), and 2 CFR 200.404 defines a reasonable cost as one if, in its nature and amount, it does not exceed that which would be incurred by a prudent person under the circumstances prevailing at the time the decision was made to incur the cost. Salaries determined not to be reasonable compared to the level of work will be unallowable.
10. Honoraria: A payment made to someone for a service when a price is not legally required or customary. Honoraria are often given as a gesture of appreciation or "thank you" to guest speakers or lecturers and are unallowable. However, speaker fees are allowable.
11. Costs which lie outside the scope of the approved project and amendments thereto.
12. Entertainment costs, regardless of their apparent relationship to project objectives.
13. Consulting services performed by a Federal employee during official duty hours when such consulting services result in the payment of additional compensation to the employee; and
14. Unless specifically allowed by the agency or program, renovation or refurbishment of facilities, the purchase or installation of fixed equipment in facilities, and the planning, repair, rehabilitation, acquisition, or construction of buildings or facilities.

This list is not exhaustive. For general information about the allowability of particular items of costs, please see 2 CFR Part 200, "Subpart E - Cost Principles", or direct specific inquiries to the administrative contact identified in the award. The allowability of some items of costs may be difficult to determine. To avoid disallowance or dispute of such costs, the recipient may seek prior approval before incurring them. See 2 CFR 200.407.

F. COST SHARING REQUIREMENTS

1. If the award has specific cost sharing requirements, cost sharing participation in other projects must not be counted toward meeting the specific cost share requirement of this award. Cost share must come from non-Federal sources unless otherwise stated in the applicable program authorizing statute.
2. Cost share costs must be necessary and reasonable for accomplishment of project or program objectives.
3. Cost sharing must be documented on each SF 425 and payment request as it is provided by the recipient or third party. The required cost sharing ratio must be met by the end of the agreement period of performance; however, it does not have to be maintained for every payment request.
4. Should the recipient become aware that it may be unable to provide the cost share amount identified in this award, it must:
 - a. Immediately notify the FPAC Business Center Grants and Agreements Division via e-mail to FPAC.BC.GAD@usda.gov, and
 - b. Either specify the steps it plans to take to secure replacement cost share or specify the plans to phase out the project in the absence of cost share.

Failure by the recipient to notify the USDA agency in accordance with this section or failure to submit an acceptable remediation plan may result in the disallowance of some or all the costs charged to the award, the subsequent recovery by FPAC of some of the FPAC funds provided under the award, and/or termination of the award. It may constitute a violation of the terms and conditions of the award so serious as to provide grounds for subsequent suspension or debarment. The USDA agency reviews and approves or disapproves cost sharing remediation plans on a case-by-case basis.

5. The recipient must maintain records of all project costs that are claimed as cost sharing as well as records of costs to be paid by the USDA agency. If the recipient's cost sharing includes in-kind contributions, the basis for determining the valuation for volunteer services and donated property must be documented.
6. Recipients must also request prior approval before changing the source or type of cost sharing. See the Prior Approval Section.

G. PROGRAM INCOME

1. Program income does not include Federal funds received under an award. Program income means gross income earned by the non-Federal entity that is directly generated by a supported activity or earned as a result of the Federal award during the period of performance except as provided in §200.307(f). Examples include fees charged for conferences or workshops, fees for services performed, the use or rental of real or personal property acquired under Federal awards, the sale of commodities or items fabricated under a Federal award, license fees and royalties on patents and copyrights, and principal and interest on loans made with Federal award funds. Interest earned on advances of Federal funds is not program income. Except as otherwise provided in Federal statutes, regulations, or the terms and conditions of the Federal award, program income does not include rebates, credits, discounts, and interest earned on any of them.

2. Unless recipients specifically request to use the deductive or cost share method, program income must be additive.
3. If program income is earned and not already identified and addressed in the award, the recipient must provide notification to the FPAC BC GAD via e-mail to FPAC.BC.GAD@usda.gov and indicate the preferred treatment method. Use of the deductive or cost share method may require an amendment or prior approval.
4. Program income may be used to meet recipient cost sharing requirements with prior approval of the USDA agency.
5. Recipients must report all program income on the applicable SF 270 and SF 425 as it is earned.

H. PAYMENTS

1. Payment Submission: Recipients must request reimbursement or advances using a properly completed and executed SF-270, submitted with a Budget Expense Table or Deliverable Expense Table (or similar summary document), as applicable. Submit requests to either the ezFedGrants system or to FPAC.BC.GAD@usda.gov. Email submissions must reference the agreement number in the subject line of the email.
2. Payment Guidance: Payment request preparation guidance and templates for Budget Expense Tables and Deliverable Expense Tables are available at this link: <https://www.fpacbc.usda.gov/about/grants-and-agreements/award-payments/index.html>. Documents must be provided as attachments; documents submitted via weblink or other document services will not be accepted.
3. Advances: Recipients requesting advances should request payments in amounts necessary to meet their current needs pursuant to procedures contained in the Federal administrative provisions and 31 CFR Part 205. Requests must be submitted no less than 15 days prior to the start of the requested advance period. The recipient must provide a summary document showing the amount of advanced funds spent within 30 days of the end of the advance period. If applicable, the recipient must also submit a summary of the cost share provided.
4. Documentation Requirements: The recipient must maintain records of supporting documentation all costs incurred under this award. Such documentation includes, but is not limited to, canceled checks, paid bills, payroll records, and subaward documents. Labor cost charges to this award must be based upon salaries actually earned and the time actually worked on this award. All project costs must be incurred within the period of performance of this award, including any approved no-cost extension of time. The USDA agency may disallow costs that cannot be supported by supporting documentation or that are incurred outside of the agreement period of performance and budget and may require the return of any funds paid out for those costs. The level of detail and documentation required to be provided to support any individual payment request is at the discretion of the USDA agency. Do not provide supporting documentation unless it is specifically requested.
5. Final Payment Deadlines: Recipients must pay all costs incurred (i.e., liquidate obligations) under the award and request all final requests for payment no later than 120 calendar days after the period of performance end date. The USDA agency is not obligated to make

payments received more than 120 days after the period of performance end date.

6. **Fixed Amount Awards:** Payments under fixed-amount awards are made based on deliverables completed, milestones achieved, or as a single payment upon award completion rather than costs incurred. The USDA agency and recipient must utilize 2 CFR 200, Subpart E, Cost principles to support unit prices included in fixed amount awards prior to agreement execution.
7. **Contractor and Subrecipient Payment:** Recipients are responsible for establishing payment methods to contractors and subrecipients, documenting the method in the applicable contract or subaward agreement, and making direct payments to contractors and subrecipients in accordance with those methods. Recipients must not submit requests directly from their contractors or subrecipients to the USDA agency for USDA agency review, approval, or payment.

I. PRIOR APPROVAL REQUIREMENTS

Certain items of cost and award revisions require the prior written approval of the USDA agency. The following are the most common situations requiring prior approval. However, this list is not exhaustive, and the recipient is also bound by any other prior approval requirements identified in the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards. Submit all requests for the approvals described below via e-mail to FPAC.BC.GAD@usda.gov. All requests for prior approval must reference the agreement number in the subject line of the email.

1. **Pre-award costs:** To receive reimbursement for costs incurred prior to the award date, recipients must request written approval. This restriction also applies to costs intended to meet cost share requirements. Even with approval, recipients incur pre- award costs at their own risk. The USDA agency is under no obligation to reimburse such costs if for any reason the recipient does not receive a Federal award or if the Federal award is less than anticipated and inadequate to cover the costs.
2. **Revisions to scope, objective, or deliverables:** When it is necessary to modify the scope, objective, or deliverables of an award, the recipient must submit a written request and justification for the change along with the revised scope, objective, or deliverables of the award.
3. **Additions or changes to subawards and contracts:** The subawarding, transferring, or contracting out of any work (i.e., services) under a Federal award not identified in the original award budget or any changes to subaward or contracts requires prior written approval. The recipient must submit a justification for the proposed subaward/contract, and a detailed budget for the subaward/contract. This provision does not apply to the acquisition of supplies, material, equipment, or general support services.
4. **Permanent change in key personnel specified in the award:** Key personnel have the primary responsibility for the leadership of the project and actively participate in the development, delivery, and management of the project. When there is a permanent change in key personnel, including key contractor employees, the recipient must request prior written approval for the substitution or change. The request must identify the replacement personnel and provide his or her qualifications.
5. **Absence or temporary change in project leadership:** If the approved project director or

principal investigator disengages from the project for more than three months or reduces time devoted to the project by 25 percent or more, the recipient must request prior approval in writing, identifying who will be in charge during the project director's absence. The notification must include the qualifications of the replacement.

6. Budget revisions: Recipients must request prior written approval for deviations from the approved budget in the instances described below. For budget revisions, the recipient may be required to submit a new SF 424A or 424C and budget narrative, even those that do not require prior approval.
 - a. The inclusion of costs that require prior approval in accordance with Subpart E—Cost Principles of this part or 45 CFR part 75 Appendix IX, "Principles for Determining Costs Applicable to Research and Development under Awards and Contracts with Hospitals," or 48 CFR part 31, "Contract Cost Principles and Procedures," as applicable.
 - b. Where the cumulative amount of transfers of funds among direct cost categories or programs, functions, and activities exceeds or is expected to exceed 10 percent of the total budget as last approved by the USDA agency, and where the Federal share of the project exceeds the simplified acquisition threshold. Recipients must notify the USDA agency of budget changes that do not meet the threshold described above.
 - c. Changes in the approved cost share provided by the recipient, including to the amount, source, or type.
 - d. Additional Federal funds needed to complete the project. This change also requires a formal agreement amendment.
 - e. Adjustments to Indirect Cost Rates: Recipients must have either a current NICRA or elect to use the de minimis in order to charge indirect costs. If an indirect cost rate increases during the award's period of performance, the USDA agency is not obligated, but retains discretion to, either add funds to the award or allow a budget realignment. If an indirect cost rate decreases during the award's period of performance, indirect costs must be charged in accordance with the current rate.
 - f. If the change is due to receipt of a new negotiated indirect costs rate agreement (NICRA), the prior approval request must include a copy of the new agreement.
7. No-Cost Extensions of Time: When a no-cost extension of time is necessary, the recipient authorized signatory must submit a separate, written request via e-mail to FPAC.BC.GAD@usda.gov. Include the agreement number in the subject line of the email and do not combine a no-cost extension request with other submissions, such as payments or reports. Except in limited circumstances, a no-cost extension of time cannot exceed 12 months. The USDA agency cannot approve requests for no-cost extensions received after the expiration of the award. In addition, time may not allow extension requests submitted less than 30 calendar days before the period of performance end date to be processed, so recipients are encouraged to submit requests as soon as possible. The USDA agency cannot approve no-cost extensions requested merely to expend remaining funds. The request must contain the following:
 - a. Amount of additional time requested
 - b. Explanation for the need for the extension
 - c. A summary of progress to date and revised milestones

J. FINANCIAL REPORTING

1. Submission: Recipients must submit a Federal Financial Report (FFR), SF 425 in accordance with the schedule included in the award statement of work. Recipients must submit reports to either the ezFedGrants system or via e-mail to FPAC.BC.GAD@usda.gov. Email submissions must reference the agreement number in the subject line of the email. Reports submitted via e-mail must be provided as attachments; documents submitted via weblink or other document services will not be accepted.
2. Report Guidance: SF425 and instructions are available at <https://www.fpacbc.usda.gov/about/grants-and-agreements/required-reports-closing/index.html>.
3. Final Report: The recipient must submit a final financial report no later than 120 calendar days after the period of performance end date. Failure to do so may result in a negative report to the Federal Awardee Performance and Integrity Information System (FAPIS).
4. Failure to submit reports as required may result in suspension or termination of award. The USDA agency will withhold payments under this award if the recipient is delinquent in submitting required reports.

K. PERFORMANCE MONITORING AND REPORTING

1. Monitoring: The recipient is responsible for monitoring day-to-day performance and for reporting to the USDA agency. If the project involves subaward/contractual arrangements, the recipient is also responsible for monitoring the performance of project activities under those arrangements to ensure that approved goals and schedules are met.
2. Submission: The recipient must submit a written progress report at the frequency specified in the statement of work to either the ezFedGrants system or via e-mail to FPAC.BC.GAD@usda.gov. Email submissions must reference the agreement number in the subject line of the email. Reports submitted via e-mail must be provided as attachments; documents submitted via weblink or other document services will not be accepted. Each report must include/cover:
 - a. The agreement number and period covered by the report.
 - b. A comparison of actual accomplishments with the milestones and deliverables established for the reporting period and, where project output can be quantified, a computation of the costs per unit of output.
 - c. The reasons why milestones and deliverables targets were not met, if appropriate.
 - d. Additional pertinent information including, where appropriate, analysis and explanation of cost overruns or high unit costs.
3. Final Report: The recipient must submit a final report no later than 120 calendar days after the period of performance end date. Failure to do so may result in a negative report to the Federal Awardee Performance and Integrity Information System (FAPIS).
4. Delinquent Reports: The USDA agency will withhold payments under this award if the recipient is delinquent in submitting required reports.

L. REPORTING SUBAWARDS AND EXECUTIVE COMPENSATION

1. Reporting of first-tier subawards.

- a. Applicability. Unless you are exempt as provided in paragraph 4 of this award term, you must report each action that obligates \$30,000 or more in Federal funds that does not include Recovery funds (as defined in section 1512(a)(2) of the American Recovery and Reinvestment Act of 2009, Pub. L. 111-5) for a subaward to an entity (see definitions in paragraph e. of this award term).
- b. Where and when to report:
 - i. You must report each obligating action described in paragraph 1.a. of this award term to <http://www.fsrs.gov>.
 - ii. For subaward information, report no later than the end of the month following the month in which the obligation was made. For example, if the obligation was made on November 7, 2010, the obligation must be reported by no later than December 31, 2010.
- c. What to report. You must report the information about each obligating action that the submission instructions posted at <http://www.fsrs.gov>.

2. Reporting Total Compensation of Recipient Executives.

- a. Applicability and what to report. You must report total compensation for each of your five most highly compensated executives for the preceding completed fiscal year, if --
 - i. The total Federal funding authorized to date under this award is \$30,000 or more;
 - ii. In the preceding fiscal year, you received --
 - (a) 80 percent or more of your annual gross revenues from Federal procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and subawards); and
 - (b) \$25,000,000 or more in annual gross revenues from Federal procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and subawards); and
 - iii. The public does not have access to information about the compensation of the executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. (To determine if the public has access to the compensation information, see the U.S. Security and Exchange Commission total compensation filings at <http://www.sec.gov/answers/execomp.htm>.)
- b. Where and when to report. You must report executive total compensation described in paragraph 2.a. of this award term --
 - i. As part of your registration profile at <https://sam.gov>.

- ii. By the end of the month following the month in which this award is made, and annually thereafter
- 3. Reporting of Total Compensation of Subrecipient Executives.
 - a. Applicability and what to report. Unless you are exempt as provided in paragraph d. of this award term, for each first-tier subrecipient under this award, you shall report the names and total compensation of each of the subrecipient's five most highly compensated executives for the subrecipient's preceding completed fiscal year, if—
 - i. In the subrecipient's preceding fiscal year, the subrecipient received—
 - (a) 80 percent or more of its annual gross revenues from Federal procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and subawards); and
 - (b) \$25,000,000 or more in annual gross revenues from Federal procurement contracts (and subcontracts), and Federal financial assistance subject to the Transparency Act (and subawards); and
 - ii. The public does not have access to information about the compensation of the executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. (To determine if the public has access to the compensation information, see the U.S. Security and Exchange Commission total compensation filings at <http://www.sec.gov/answers/execomp.htm>.)
 - b. Where and when to report. You must report subrecipient executive total compensation described in paragraph 3.a. of this award term:
 - i. To the recipient.
 - ii. By the end of the month following the month during which you make the subaward. For example, if a subaward is obligated on any date during the month of October of a given year (i.e., between October 1 and 31), you must report any required compensation information of the subrecipient by November 30 of that year.
- 4. Exemptions - If, in the previous tax year, you had gross income, from all sources, under \$300,000, you are exempt from the requirements to report:
 - a. Subawards, and
 - b. The total compensation of the five most highly compensated executives of any subrecipient
- 5. Definitions. For purposes of this award term:
 - a. Entity means all of the following, as defined in 2 CFR part 25:
 - i. A Governmental organization, which is a State, local government, or Indian Tribe;
 - ii. A foreign public entity;

- iii. A domestic or foreign nonprofit organization;
 - iv. A domestic or foreign for-profit organization;
 - v. A Federal agency, but only as a subrecipient under an award or subaward to a non-Federal entity.
- b. Executive means officers, managing partners, or any other employees in management positions.
- c. Subaward:
- i. This term means a legal instrument to provide support for the performance of any portion of the substantive project or program for which you received this award and that you as the recipient award to an eligible subrecipient.
 - ii. The term does not include your procurement of property and services needed to carry out the project or program (for further explanation, see Sec. 210 of the attachment to OMB Circular A-133, "Audits of States, Local Governments, and Non-Profit Organizations").
 - iii. A subaward may be provided through any legal agreement, including an agreement that you or a subrecipient considers a contract.
- d. Subrecipient means an entity that:
- i. Receives a subaward from you (the recipient) under this award; and
 - ii. Is accountable to you for the use of the Federal funds provided by the subaward.
- e. Total compensation means the cash and noncash dollar value earned by the executive during the recipient's or subrecipient's preceding fiscal year and includes the following (for more information see 17 CFR 229.402(c)(2)):
- i. Salary and bonus.
 - ii. Awards of stock, stock options, and stock appreciation rights. Use the dollar amount recognized for financial statement reporting purposes with respect to the fiscal year in accordance with the Statement of Financial Accounting Standards No. 123 (Revised 2004) (FAS 123R), Shared Based Payments.
 - iii. Earnings for services under non-equity incentive plans. This does not include group life, health, hospitalization or medical reimbursement plans that do not discriminate in favor of executives and are available generally to all salaried employees.
 - iv. Change in pension value. This is the change in present value of defined benefit and actuarial pension plans.
 - v. Above-market earnings on deferred compensation which is not tax-qualified.
 - vi. Other compensation, if the aggregate value of all such other compensation (e.g. severance, termination payments, value of life insurance paid on behalf of the employee, perquisites or property) for the executive exceeds \$10,000.

M. PROCUREMENT STANDARDS

The recipient must have and use documented procurement procedures, consistent with State, local, and tribal laws and regulations, for the acquisition of property or services (including construction) required under a Federal award or subaward. Those procedures must comply with the procurement standards set out in 2 CFR 200.317-327, including the requirements regarding conflicts of interest, competition, and methods of procurement. Procurements must be well-documented, and those records are subject to inspection and audit.

N. REQUIREMENTS FOR PASS-THROUGH ENTITIES

A pass-through entity is a non-Federal entity that provides a subaward to a subrecipient to carry out part of a Federal program. See 2 CFR 200.332 for responsibilities of pass-through entities.

O. AMENDMENTS

The parties may modify this agreement via formal amendment executed by the authorized signatories of each. The FPAC Business Center's Grants and Agreements Division has developed streamlined procedures for certain agreement changes, including no-cost extensions and some changes to agency and recipients contacts that do not require formal amendments. Contact the administrative contact for this award for instructions.

P. NONEXPENDABLE EQUIPMENT

1. Recipients purchasing equipment or products with funds provided under this award are encouraged to purchase only American-made equipment and products. A state and Indian Tribe must use, manage and dispose of equipment acquired under a Federal award by the state or Indian Tribe in accordance with state or Tribal laws and procedures. All other recipients must follow the procedures below.
2. Title to equipment acquired under a Federal award will vest conditionally in the recipient upon acquisition. The recipient must not encumber the property without prior approval of the USDA agency.
3. The recipient must use the equipment for the authorized purposes of the project for as long as needed whether or not the project or program continues to be supported by the Federal award. When no longer needed for the original program or project, the equipment may be used in other activities supported by the USDA agency, in the following order of priority:
 - a. Activities under a Federal award from the USDA agency which funded the original program or project, then
 - b. Activities under Federal awards from other Federal awarding agencies.
4. The recipient must maintain property records that include a description of the property, a serial number or other identification number, the source of funding for the property (including the FAIN), who holds title, the acquisition date, and cost of the property, percentage of Federal participation in the project costs for the Federal award under which the property was acquired, the location, use and condition of the property, and any ultimate disposition data including the date of disposal and sale price of the property.
5. The recipient must take a physical inventory of the property and reconcile the results with the property records at least once every two years until final disposition.

6. When equipment is no longer needed for any of the purposes set out in this provision and the per-unit fair market value is less than \$10,000, the recipient may retain, sell, or dispose of the equipment with no further obligation to the USDA agency. However, if the per-unit fair market value is \$10,000 or more, the recipient must submit a written request for disposition instructions to FPAC.BC.GAD@usda.gov.

Q. AWARD CLOSEOUT

1. Award closeout is the process by which the USDA agency determines that all required project activities have been performed satisfactorily and all necessary administrative actions have been completed.
2. The recipient must submit, no later than 120 calendar days after the period of performance end date, all financial, performance, and other reports as required by the terms and conditions of the agreement, including documentation showing that cost share requirements have been met. The awarding agency may approve extensions when requested by the recipient.
3. Unless the USDA agency authorizes an extension, the recipient must liquidate all obligations incurred under the agreement no later than 120 calendar days after the period of performance end date.
4. Recipients must submit all requests for reimbursements no later than 120 calendar days after the period of performance end date.
5. The recipient must promptly refund any balances of unobligated cash that the USDA agency paid in advance or paid and that are not authorized to be retained by the recipient for use in other projects. See OMB Circular A-129 and see §200.345 Collection of amounts due, for requirements regarding unreturned amounts that become delinquent debts.

Recipients must retain all records pertaining to the agreement in accordance with 2 CFR 200.334-337 and any additional requirements included in the agreement statement of work.
6. Recipients must follow disposition requirements for property acquired with award funds in accordance with 2 CFR 200.310-316 and the terms of this agreement.
7. If the recipient does not submit all reports in accordance with this section and the terms and conditions of the Federal award within one year of the period of performance end date, the USDA agency must proceed to close out with the information available, including de-obligation of remaining funds. In addition, in accordance with 2 CFR 200.344, the USDA agency must report the non-Federal entity's material failure to comply with the terms and conditions of the award with the OMB- designated integrity and performance system (currently FAPIIS).

Refer to <https://www.fpacbc.usda.gov/about/grants-and-agreements/required-reports-closing/index.html> for applicable forms.

R. TERMINATION

In accordance with 2 CFR 200.340, the recipient understands this agreement may be terminated in whole or in part as follows:

1. By the USDA agency or pass-through entity, if a recipient fails to comply with the terms and conditions of a Federal award;

2. By the USDA agency or pass-through entity, to the greatest extent authorized by law, if an award no longer effectuates the program goals or agency priorities;
3. By the USDA agency or pass-through entity with the consent of the recipient, in which case the two parties must agree upon the termination conditions, including the effective date and, in the case of partial termination, the portion to be terminated; or
4. By the recipient upon sending to the USDA agency or pass-through entity written notification setting forth the reasons for such termination, the effective date, and, in the case of partial termination, the portion to be terminated. However, if the USDA agency or pass-through entity determines in the case of partial termination that the reduced or modified portion of the Federal award or subaward will not accomplish the purposes for which the Federal award was made, the USDA agency or pass-through entity may terminate the Federal award in its entirety.
5. If the Federal award is terminated for the recipient's material failure to comply with the U.S. Constitution, Federal statutes, regulations, or terms and conditions of the Federal award, the termination decision will be reported to the OMB-designated integrity and performance system accessible through SAM (currently FAPIIS) in accordance with 2 CFR 200.341.

S. CONTINUING OBLIGATIONS

The rights and obligations of the parties that, by their nature, would continue beyond the expiration or termination of this agreement (e.g., confidentiality-related clauses) shall survive such expiration or termination of this agreement.

T. AUDIT REQUIREMENTS

The recipient is responsible for complying with audit requirements in accordance with 2 CFR 200, Subpart F. A recipient entity that expends \$1,000,000 or more during the recipient's fiscal year in Federal awards must have a single or program-specific audit conducted for that year. A single audit is required to be uploaded by the recipient to the Federal Audit Clearinghouse within 30 calendar days after receipt of the auditor's report, or nine (9) months after the end of the audit period, whichever comes first.

U. FOR-PROFIT ORGANIZATIONS PROVISIONS

This section contains provisions that apply to awards to for-profit organizations. These provisions are in addition to or in exception of other applicable provisions of these general terms and conditions.

1. In accordance with 2 CFR 200.101, the USDA agency applies the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal awards to for-profit entities.
2. No funds may be paid as profit to any recipient even if the recipient is a for-profit organization. Profit is any amount in excess of allowable direct and indirect costs.
3. For-profit organizations that receive annual awards totaling more than the audit requirement threshold in Subpart F have two options regarding audits:
 - a. If the commercial organization receives awards under only one FPAC agency program, financial audit of that award in accordance with Generally Accepted

Government Auditing Standards issued by the Comptroller General of the United States or, if awards are received under multiple USDA Agency programs, a financial audit of all awards in accordance with Generally Accepted Government Auditing Standards issued by the Comptroller General of the United States; or

- b. An audit that meets the requirements contained in Subpart F.

V. SECTION 508 COMPLIANCE

Recipient must ensure that all tools, publications, and other materials produced under this award meet the accessibility of Electronic and Information Technology (EIT) requirements as specified in Section 508 of the Rehabilitation Act of 1973 (29 U.S.C. 794d) as amended by the Workforce Investment Act of 1998 (P.L. 105-220). Specifically, subsection 508(a)(1) requires that when the Federal government procures EIT, it must allow Federal employees and individuals of the public with disabilities comparable access to and use of information and data that is provided to Federal employees and individuals of the public without disabilities. All EIT that is subject to the 36 CFR 1194 standards will have a Section 508 acceptance test and will be validated upon acceptance. All maintenance for EIT that requires upgrades, modifications, installations, and purchases will adhere to the Section 508 standards and 36 CFR 1194.

W. ACKNOWLEDGMENT OF USDA SUPPORT AND DISCLAIMER

1. Recipients must have an acknowledgement of USDA agency support placed on any information dissemination products produced with any Federal financial assistance support, including those which report the results or, or describe, a Federal financial assistance-supported activity.

Unless the provisions of the Federal financial assistance award make it apply, this requirement does not apply to audiovisuals produced as research instruments or for documenting experimentation or findings and not intended for presentation or distribution to the public.

Use the following language on the product: whether copyrighted or not, and any products in electronic formats (web sites, computer programs, etc.) that is substantially based upon or developed under this award:

“This material is based upon work supported by the U.S. Department of Agriculture, under agreement number [recipient should enter the applicable award number here].”

2. In addition, all publications and other materials, except scientific articles or papers published in scientific journals, must include the following statement:

“Any opinions, findings, conclusions, or recommendations expressed in this publication are those of the author(s) and do not necessarily reflect the views of the U.S. Department of Agriculture. In addition, any reference to specific brands or types of products or services does not constitute or imply an endorsement by the U.S. Department of Agriculture for those products or services.”

3. All publications printed with Federal Government funds will include the most current USDA nondiscrimination statement, available from the Public Affairs Division, Civil Rights Division, or on the USDA home page. If the material is too small to include the full nondiscrimination statement, the material must, at a minimum, include the following statement: “USDA is an equal opportunity provider, employer, and lender.”

4. The recipient is responsible for ensuring that an acknowledgment of USDA is made during news media interviews, including popular media such as radio, television, and news magazines, that discuss work funded by this award in a substantial way.

X. ACKNOWLEDGMENT OF SECTION 1619 COMPLIANCE

The recipient agrees to comply with the USDA agency guidelines and requirements regarding the disclosure of information protected under Section 1619 of the Food, Conservation, and Energy Act of 2008 (PL 110- 246), 7 U.S.C. 8791 as described below.

1. Acceptance of this award indicates acknowledgment and understanding that the recipient is legally bound by Federal statute to comply with the provisions of Section 1619 and that the recipient will not subsequently disclose information protected by section 1619 to any individual or organization that is not directly covered by this award. Any such subsequent disclosure of the protected information (except as permitted under Section 1619) will be considered a violation of Section 1619. The recipient will be held responsible should disclosure of the protected information occur.

Protected Information. Examples of the types of information prohibited by disclosure under Section 1619 include, but are not limited to, the following:

- State identification and county number (where reported and where located).
 - Producer or landowner name, business full address, phone number, Social Security Number, and similar personal identifying information.
 - Farm, tract, field, and contract numbers.
 - Production shares and share of acres for each Farm Serial Number (FSN) field.
 - Acreage information, including crop codes.
 - All attributes for Common Land Units (CLUs) in USDA's Geospatial Information System
 - Any photographic, map, or geospatial data that, when combined with other maps, can be used to identify a landowner.
 - Location of conservation practices.
2. Acceptance of this award legally binds every owner, manager, supervisor, employee, contractor, agent, and representative of the recipient to comply with the provisions in Section 1619. The recipient must consult with FPAC prior to providing protected information to an entity or individual outside of the recipient and as necessary to implement the program to ensure that such release is permissible.
 3. The recipient will use the protected information only to perform work that is directly connected to this award. Use of the protected information to perform work that is not directly connected to this award is expressly prohibited.
 4. The recipient must internally restrict access to the protected information to only those individuals who have a demonstrated need to know the protected information to perform work under this award.
 5. The provisions in Section 1619 are continuing obligations. Even when the recipient is no longer a recipient, or when individuals currently affiliated with the recipient become no

longer so affiliated, every person having been provided access to the protected information will continue to be legally bound to comply with these provisions.

6. The recipient must notify all managers, supervisors, employees, contractors, agents, and representatives about this provision and the requirements of Section 1619. Notifications about the existence of this provision must be made to those individuals who are new to the organization and periodic notifications must be sent throughout the organization (as well as to all contractors and agents) to remind all about the ongoing and continuing requirements.
7. When the recipient is unsure whether particular information is covered or protected by Section 1619, the recipient must consult with FPAC to determine whether the information must be withheld.
8. Use of the protected information for any purpose is expressly prohibited after the period of performance end date of this award. Upon the award end date, any protected information provided under this award must be immediately destroyed or returned to FPAC. The recipient must provide to FPAC written certification that the protected information (paper copy, electronic copy, or both) has been properly destroyed, removed from any electronic storage media, or both.
9. Any State's "sunshine law," "open records act" or other version of the Freedom of Information Act is superseded by section 1619 under the Supremacy Clause of the U.S. Constitution. Accordingly, information protected from disclosure by section 1619 must not be released under such State laws.
10. Section 1619 allows disclosure of "payment information (including payment information and the names and addresses of recipients of payments) under any Department program that is otherwise authorized by law" (emphasis added). The names and payment information of producers generally may be provided to the public; however, the recipient shall consult with the USDA agency if there is any uncertainty as to the provision of such information.
11. Section 1619 also allows disclosure of otherwise protected information if "the information has been transformed into a statistical or aggregate form without naming any (i) individual owner, operator, or producer; or (ii) specific data gathering site." The recipient must consult with the USDA agency as to whether specific information falls within this exception prior to relying on this exception.
12. Violations. The recipient will be held responsible for violations of this provision and Section 1619. A violation of this provision by the recipient may result in action by the USDA agency, including termination of the underlying Federal award.
13. The recipient is to immediately notify the USDA agency, if the recipient, or its contractors, suspect, discover or are notified of a suspected or confirmed Privacy Incident relating to PII provided under this Agreement, the recipient shall immediately, but in no event later than two (2) hours from suspicion, discovery, or notification of the suspected or confirmed Privacy Incident. Notification to USDA includes communicating in writing with the Program Office that disclosed the data to you and/or emailing the USDA FPAC Privacy Officer at sm.fpac.privacy.office@usda.gov.
14. The recipient is to investigate any Privacy Incident emanating from this agreement involving USDA PII. At minimum, the investigation shall include: (1) Date of Incident, State

of Occurrence (if applicable), (2) type of PII involved, (3) number of individuals whose information was exposed, (4) breach/incident method (mail, email, etc.), and (5) mitigation efforts to manage the incident. The recipient is responsible for carrying out all necessary measures to remedy the effects of the Privacy Incident.

15. Effective Period. The requirements of this provision are effective on the date of the final signature and will continue until the USDA agency notifies the recipient that it is no longer required based on changes in applicable Federal law.

Y. PRIVACY ACT

1. General

- a. Privacy Act of 1974, as amended, 5 U.S.C. § 552a (Privacy Act). The Privacy Act is a federal law that establishes a code of information practices that governs the collection, maintenance, use, and dissemination of information about individuals that is maintained in an agency's system of records. Disclosure of records about an individual from a system of records is prohibited, absent the written consent of the individual, unless disclosure is pursuant to one of twelve exceptions specified in the Privacy Act. If, as part of the funded project, the recipient collects similar information from individuals, the Privacy Act extends to the agreement.
- b. Recipient must take reasonable cybersecurity and other measures to safeguard information including protected personally identifiable information (PII) and other types of information. This also includes information the Federal agency or pass-through entity designates as sensitive or other information the recipient or subrecipient considers sensitive and is consistent with applicable Federal, State, local, and tribal laws regarding privacy and responsibility over confidentiality. See 2 CFR 200.303.

The USDA implements the Privacy Act through 7 CFR Part 1 Subpart G.

The following definitions apply:

- Breach: The loss of control, compromise, unauthorized disclosure, unauthorized acquisition, or any similar occurrence where (1) a person other than an authorized user accesses or potentially accesses personally identifiable information or (2) an authorized user accesses personally identifiable information for another than authorized purposed.
- Incident: An occurrence that (1) actually or imminently jeopardizes, without lawful authority, the integrity, confidentiality, or availability of information or an information system; or (2) constitutes a violation or imminent threat of violation of law, security policies, security procedures, or acceptable use policies.
- Personally Identifiable Information (PII): The term PII refers to the information that can be used to distinguish or trace an individual's identity, either alone or when combined with other information that is linked or linkable to a specific individual. It is important to recognize that information that is not PII can become PII whenever additional information becomes available – in any medium or from any source – that would make it possible to identify an individual.

- c. Activities performed under this award may involve access to confidential and potentially sensitive information about governmental and landowner issues. The term “confidential information” means proprietary information or data of a personal nature about an individual, or information or data submitted by or pertaining to an organization. This information must not be disclosed without the prior written consent of the USDA agency.
 - d. The recipient’s personnel will follow the rules and procedures of disclosure set forth in the Privacy Act of 1974, 5 U.S.C. Section 552a, and implementing regulations and policies with respect to systems of records determined to be subject to the Privacy Act. The recipient’s personnel must also comply with privacy of personal information relating to natural resources conservation programs administered by NRCS or FSA in accordance with section 1244 of Subtitle E of title XII of the Food Security Act of 1985 (16 USC 3841 et seq.).
 - e. The recipient is to immediately notify USDA, if the recipient, or its contractors, suspect, discover or are notified of a suspected or confirmed Privacy Incident relating to PII provided under this Agreement, the recipient shall immediately, but in no event later than two (2) hours from suspicion, discovery, or notification of the suspected or confirmed Privacy Incident. Notification to USDA includes communicating in writing with the Program Office that disclosed the data to you and/or emailing the USDA FPAC Privacy Officer at sm.fpac.privacy.office@usda.gov.
 - f. The recipient is to investigate any Privacy Incident emanating from this agreement involving USDA PII. At minimum, the investigation shall include: (1) Date of Incident, State of Occurrence (if applicable), (2) type of PII involved, (3) number of individuals whose information was exposed, (4) breach/incident method (mail, email, etc.), and (5) mitigation efforts to manage the incident. The recipient is responsible for carrying out all necessary measures to remedy the effects of the Privacy Incident.
2. Prohibition Against Certain Internal Confidentiality Agreements: The recipient agrees to comply with the “Prohibition Against Certain Internal Confidentiality Agreements:”
- a. You may not require your employees, contractors, or subrecipients seeking to report fraud, waste, or abuse to sign or comply with internal confidentiality agreements or statements prohibiting or otherwise restricting them from lawfully reporting that waste, fraud, or abuse to a designated investigative or law enforcement representative of a Federal department or agency authorized to receive such information.
 - b. You must notify your employees, contractors, or subrecipients that the prohibitions and restrictions of any internal confidentiality agreements inconsistent with paragraph a. of this award provision are no longer in effect.
 - c. The prohibition in paragraph a. of this award provision does not contravene requirements applicable to any other form issued by a Federal department or agency governing the nondisclosure of classified information.
 - d. If the USDA agency determines that you are not in compliance with this award provision, the USDA agency:
 - i. Will prohibit your use of funds under this award, in accordance with sections 743 and 744 of Division E of the Consolidated Appropriations Act, 2016,

(Pub. L. 114-113) or any successor provision of law;

- ii. May pursue other remedies available for your material failure to comply with award terms and conditions.

Z. SPECIAL PROVISIONS

1. The recipient assures and certifies that it will comply with the minimum-wage and maximum-hour provisions of the Federal Fair Labor Standards Act.
2. Employees of the USDA agency will participate in efforts under this agreement solely as representatives of the United States. They may not participate as directors, officers, employees, or otherwise serve or hold themselves out as representatives of the recipient. They also may not assist the recipient with efforts to lobby Congress or to raise money through fundraising efforts. Further, USDA agency employees must report to their immediate supervisor any negotiations with the recipient concerning future employment and must refrain from participation in projects or agreements with such recipients.
3. Except for agreements entered under the Agriculture Conservation Experienced Services (ACES) program authorized by the Food, Conservation, and Energy Act of 2008, employees of the recipient will not be considered Federal employees or agents of the United States for any purposes under this agreement. An individual providing services under the ACES program is deemed to be an employee of the United States Government solely for purposes of chapter 171 of title 28, United States Code, provided the individual is acting within the scope of the agreement.
4. Except for agreements under the programs listed below, no agreement period of performance can exceed a total of five years, including extensions.
 - a. Emergency Watershed Protection Program
 - b. Watershed Protection and Flood Prevention
 - c. Watershed Rehabilitation Program
5. The recipient and its employees are prohibited from promoting or recommending specific commercial products or services with USDA agency clients in the course of carrying out activities under this agreement, including any products or services offered by the recipient, except as may be specifically allowed in the agreement.
6. The recipient agrees to comply with USDA's Department-wide enterprise geospatial data management policy implemented in DR 3465-001, which establishes the USDA policy for defining the strategic direction necessary to optimize the management of the USDA geospatial data and geospatial infrastructure, including all geospatial data created for, by, and enhanced by USDA. Recipients can access DR 3465-001 at <https://www.usda.gov/directives/dr-3465-001>.

AA. PATENTS, INVENTIONS, AND COPYRIGHTS

1. Allocation of rights of patents, inventions, and copyrights must be in accordance with 2 CFR Part 200.315. This regulation provides that small businesses normally may retain the principal worldwide patent rights to any invention developed with USDA support.
2. In accordance with 37 CFR Section 401.14, each subject invention must be disclosed to the USDA agency within 2 months after the inventor discloses it in writing to recipient

personnel responsible for patent matters. Invention disclosure statements pursuant to 37 CFR Section 401.14(c) must be made in writing to FPAC.BC.GAD@usda.gov.

3. USDA receives a royalty-free license for Federal Government use, reserves the right to require the patentee to license others in certain circumstances, and requires that anyone exclusively licensed to sell the invention in the United States must manufacture it domestically.

BB. LIMIT OF FEDERAL LIABILITY

1. The maximum financial obligation of the USDA agency to the recipient is the amount of funds indicated in the award as obligated by the USDA agency. However, if an erroneous amount is stated on the approved budget, or any supporting document relating to the award, the USDA agency will have the unilateral right to make the correction and to make an appropriate adjustment in the USDA agency share of the award to align with the Federal amount authorized.
2. For awards where it is anticipated that the period of performance will include multiple budget periods, all subsequent budget periods are subject to the availability of funds, program authority, satisfactory performance, and compliance with the terms and conditions of the Federal award.

CC. NATIONAL POLICY REQUIREMENTS

The recipient must comply with all relevant public policy requirements, including those detailed below as well as those included in general appropriations provisions, which can be accessed at this link:

https://www.usda.gov/sites/default/files/documents/Regulatory_Statutory_National_Policy_Requirements_Overlay.pdf

1. National Environmental Policy Act (NEPA): Projects may be subject to the NEPA. If applicable, the USDA agency must work with awardees to complete an environmental review of each awarded project before project commencement. In addition, prior to any ground-disturbing activities related to the USDA agency funding, the awardee must work with USDA agency staff to complete an environmental evaluation (EE) related to those activities. Awardees may be required to prepare or pay for preparation of an environmental assessment (EA) or environmental impact statement (EIS), should any environmental review find that an EA or EIS is required.
2. National Historic Preservation Act (NHPA): In addition, a Section 106 review and consultation with consulting parties (such as the pertinent State Historic Preservation Officer and federally recognized Indian Tribes) may be required prior to the implementation of project activities that have the potential to impact cultural resources. NHPA Section 106, its implementing regulations (36 CFR Part 800), and other related authorities, require Federal agencies to determine if a project has the potential to cause an effect to historic properties and, if so, if they are adverse and how the effects may be addressed. The NHPA review and compliance in accordance with Section 106 of NHPA and implementing regulations at 36 CFR Part 800 must be completed by the USDA agency and applicants may be required to pay for any cultural resource surveys needed for the USDA agency to assess project effects. More information on the applicant's role in the NHPA Section 106 process can be found on the Advisory Council on Historic Preservation website at <https://www.achp.gov/digital-library-section-106-landing/section-106->

[applicant-toolkit.](#)

3. Endangered Species Act (ESA): Consultation with the U.S. Fish & Wildlife Service and/or the National Marine Fisheries Service under the Section 7 of the ESA is required for projects that may affect listed or proposed species or destroy or modify critical habitat. The ESA consultation in accordance with Section 7 of the ESA and implementing regulations at 50 CFR Part 402 must be completed by the USDA agency prior to the implementation of project activities that have the potential to impact species or habitat protected under the ESA. More information on the Section 7 consultation process can be found at <https://www.fws.gov/service/esa-section-7-consultation>.

DD. CARE AND USE OF ANIMALS

For any award that involves the care and use of vertebrate animals, the recipient is responsible for complying with the Animal Welfare Act (7 USC, 2131-2156), Public Law 89- 544, 1996, as amended, and the regulations promulgated thereunder by the Secretary of Agriculture in 9 CFR Parts, 1, 2, 3, and 4. In the case of domesticated farm animals housed under farm conditions, the recipient must adhere to the principles stated in the Guide for the Care and Use of Agricultural Animals in Research and Teaching (https://www.asas.org/docs/default-source/default-document-library/agguide_4th.pdf?sfvrsn=56b44ed1_2), published by the American Dairy Science Association®, the American Society of Animal Science, and the Poultry Science Association, 2020. The recipient must have an approved Animal Welfare Assurance Statement on file with the Public Health Service Office for Laboratory Animal Welfare (OLAW) that describes the institution's animal care and use policies, the line of authority for animal care at the institution, veterinary care program, personnel and facilities. If no assurance statement is on file, the organization must contact FPAC to discuss alternatives.

EE. INDUSTRIAL HEMP

By accepting the award, the awardee agrees that if the project involves industrial hemp, the organization will comply with all terms and conditions set by the applicant's State agency regarding industrial hemp growth and cultivation. For this purpose, the term "industrial hemp" includes the plant *Cannabis sativa* L. and any part or derivative of such plant, including seeds of such plant, whether growing or not, that is used exclusively for industrial purposes (fiber and seed) with a tetrahydrocannabinols concentration of not more than 0.3 percent on a dry weight basis. The term "tetrahydrocannabinols" includes all isomers, acids, salts, and salts of isomers of tetrahydrocannabinols. If industrial hemp activities are conducted under the award, In accordance with 2 CFR 200.337, the USDA agency has the right of access to any documents, papers, or other records of the non-Federal entity which are pertinent to the Federal award, to verify compliance with the terms and conditions set by the applicant's State agency.

FF. BUILD AMERICA, BUY AMERICA FOR CONSTRUCTION

Buy America Preference -- Recipients of an award of Federal financial assistance from a program for infrastructure are hereby notified that none of the funds provided under this award may be used for an infrastructure project unless:

1. All iron and steel used in the project are produced in the United States—this means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States;

2. All manufactured products used in the project are produced in the United States— this means the manufactured product was manufactured in the United States; and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product, unless another standard that meets or exceeds this standard has been established under applicable law or regulation for determining the minimum amount of domestic content of the manufactured product; and
3. All construction materials are manufactured in the United States—this means that all manufacturing processes for the construction material occurred in the United States. The construction material standards are listed below.

Incorporation into an infrastructure project. The Buy America Preference only applies to articles, materials, and supplies that are consumed in, incorporated into, or affixed to an infrastructure project. As such, it does not apply to tools, equipment, and supplies, such as temporary scaffolding, brought to the construction site and removed at or before the completion of the infrastructure project. Nor does a Buy America Preference apply to equipment and furnishings, such as movable chairs, desks, and portable computer equipment, that are used at or within the finished infrastructure project but are not an integral part of the structure or permanently affixed to the infrastructure project.

Categorization of articles, materials, and supplies. An article, material, or supply should only be classified into one of the following categories: (i) Iron or steel products; (ii) Manufactured products; (iii) Construction materials; or (iv) Section 70917(c) materials. An article, material, or supply should not be considered to fall into multiple categories. In some cases, an article, material, or supply may not fall under any of the categories listed in this paragraph. The classification of an article, material, or supply as falling into one of the categories listed in this paragraph must be made based on its status at the time it is brought to the work site for incorporation into an infrastructure project. In general, the work site is the location of the infrastructure project at which the iron, steel, manufactured products, and construction materials will be incorporated.

Application of the Buy America Preference by category. An article, material, or supply incorporated into an infrastructure project must meet the Buy America Preference for only the single category in which it is classified.

Determining the cost of components for manufactured products. In determining whether the cost of components for manufactured products is greater than 55 percent of the total cost of all components, use the following instructions:

1. For components purchased by the manufacturer, the acquisition cost, including transportation costs to the place of incorporation into the manufactured product (whether or not such costs are paid to a domestic firm), and any applicable duty (whether or not a duty-free entry certificate is issued); or
2. For components manufactured by the manufacturer, all costs associated with the manufacture of the component, including transportation costs as described in paragraph (a), plus allocable overhead costs, but excluding profit. Cost of components does not include any costs associated with the manufacture of the manufactured product.

Construction material standards. The Buy America Preference applies to the following construction materials incorporated into infrastructure projects. Each construction material is

followed by a standard for the material to be considered “produced in the United States.” Except as specifically provided, only a single standard should be applied to a single construction material.

1. Non-ferrous metals. All manufacturing processes, from initial smelting or melting through final shaping, coating, and assembly, occurred in the United States.
2. Plastic and polymer-based products. All manufacturing processes, from initial combination of constituent plastic or polymer-based inputs, or, where applicable, constituent composite materials, until the item is in its final form, occurred in the United States.
3. Glass. All manufacturing processes, from initial batching and melting of raw materials through annealing, cooling, and cutting, occurred in the United States.
4. Fiber optic cable (including drop cable). All manufacturing processes, from the initial ribboning (if applicable), through buffering, fiber stranding and jacketing, occurred in the United States. All manufacturing processes also include the standards for glass and optical fiber, but not for non-ferrous metals, plastic and polymer-based products, or any others.
5. Optical fiber. All manufacturing processes, from the initial preform fabrication stage through the completion of the draw, occurred in the United States.
6. Lumber. All manufacturing processes, from initial debarking through treatment and planing, occurred in the United States.
7. Drywall. All manufacturing processes, from initial blending of mined or synthetic gypsum plaster and additives through cutting and drying of sandwiched panels, occurred in the United States.
8. Engineered wood. All manufacturing processes from the initial combination of constituent materials until the wood product is in its final form, occurred in the United States.

Waivers: When necessary, recipients may apply for, and the agency may grant, a waiver from these requirements. The agency should notify the recipient for information on the process for requesting a waiver from these requirements.

When the Federal agency has made a determination that one of the following exceptions applies, the awarding official may waive the application of the Buy America Preference in any case in which the agency determines that:

1. Applying the Buy America Preference would be inconsistent with the public interest;
2. The types of iron, steel, manufactured products, or construction materials are not produced in the United States in sufficient and reasonably available quantities or of a satisfactory quality; or
3. The inclusion of iron, steel, manufactured products, or construction materials produced in the United States will increase the cost of the overall project by more than 25 percent.

A request to waive the application of the Buy America Preference must be in writing.

The agency will provide instructions on the format, contents, and supporting materials required for any waiver request. Waiver requests are subject to public comment periods of no less than 15 days and must be reviewed by the Made in America Office.

There may be instances where an award qualifies, in whole or in part, for an existing waiver described at <https://www.usda.gov/ocfo/federal-financial-assistance-policy/USDABuyAmericaWaiver>

Definitions:

“Buy America Preference” means the “domestic content procurement preference” set forth in section 70914 of the Build America, Buy America Act, which requires the head of each Federal agency to ensure that none of the funds made available for a Federal award for an infrastructure project may be obligated unless all of the iron, steel, manufactured products, and construction materials incorporated into the project are produced in the United States.

“Construction materials” means articles, materials, or supplies that consist of only one of the items listed in paragraph 1. of this definition, except as provided in paragraph 2 of this definition. To the extent one of the items listed in paragraph 1 contains as inputs other items listed in paragraph 1, it is nonetheless a construction material.

1. The listed items are:

- a. Non-ferrous metals;
- b. Plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables);
- c. Glass (including optic glass);
- d. Fiber optic cable (including drop cable);
- e. Optical fiber;
- f. Lumber;
- g. Engineered wood; and
- h. Drywall.

2. Minor additions of articles, materials, supplies, or binding agents to a construction material do not change the categorization of the construction material.

“Infrastructure” means public infrastructure projects in the United States, which includes, at a minimum, the structures, facilities, and equipment for roads, highways, and bridges; public transportation; dams, ports, harbors, and other maritime facilities; intercity passenger and freight railroads; freight and intermodal facilities; airports; water systems, including drinking water and wastewater systems; electrical transmission facilities and systems; utilities; broadband infrastructure; and buildings and real property; and structures, facilities, and equipment that generate, transport, and distribute energy including electric vehicle (EV) charging.

“Infrastructure project” means any activity related to the construction, alteration, maintenance, or repair of infrastructure in the United States regardless of whether infrastructure is the primary purpose of the project. See also paragraphs (c) and (d) of 2 CFR 184.4.

“Iron or steel products” means articles, materials, or supplies that consist wholly or predominantly of iron or steel or a combination of both.

“Manufactured products” means:

1. Articles, materials, or supplies that have been:
 - a. Processed into a specific form and shape; or
 - b. Combined with other articles, materials, or supplies to create a product with different properties than the individual articles, materials, or supplies.
2. If an item is classified as an iron or steel product, a construction material, or a Section 70917(c) material under 2 CFR 184.4(e) and the definitions set forth in 2 CFR 184.3, then it is not a manufactured product. However, an article, material, or supply classified as a manufactured product under 2 CFR 184.4(e) and paragraph 1 of this definition may include components that are construction materials, iron or steel products, or Section 70917(c) materials.

“Predominantly of iron or steel or a combination of both” means that the cost of the iron and steel content exceeds 50 percent of the total cost of all its components. The cost of iron and steel is the cost of the iron or steel mill products (such as bar, billet, slab, wire, plate, or sheet), castings, or forgings utilized in the manufacture of the product and a good faith estimate of the cost of iron or steel components.

“Section 70917(c) materials” means cement and cementitious materials; aggregates such as stone, sand, or gravel; or aggregate binding agents or additives. See Section 70917(c) of the Build America, Buy America Act.

GG. REPORTING OF MATTERS RELATED TO RECIPIENT INTEGRITY AND PERFORMANCE

1. General Reporting Requirement - If the total value of the recipient entity's currently active grants, cooperative agreements, and procurement contracts from all Federal awarding agencies exceeds \$10,000,000 for any period of time during the period of performance of this Federal award, then the recipient entity during that period of time must maintain the currency of information reported to the System for Award Management (SAM) that is made available in the designated integrity and performance system (currently, the Federal Awardee Performance and Integrity Information System (FAPIIS)) about civil, criminal, or administrative proceedings described in section 2 of this award condition. This is a statutory requirement under section 872 of Public Law 110-417, as amended (41 U.S.C. 2313). As required by section 3010 of Public Law 111-212, all information posted in the designated integrity and performance system on or after April 15, 2011, except past performance reviews required for Federal procurement contracts, will be publicly available.
2. Proceedings About Which the Recipient Entity Must Report - Submit the information required about each proceeding that:
 - a. Is in connection with the award or performance of a grant, cooperative agreement, or procurement contract from the Federal Government;
 - b. Reached its final disposition during the most recent five-year period; and
 - c. Is one of the following:
 - i. A criminal proceeding that resulted in a conviction, as defined in section 5 of this award condition;

- ii. A civil proceeding that resulted in a finding of fault and liability and payment of a monetary fine, penalty, reimbursement, restitution, or damages of \$5,000 or more;
 - iii. An administrative proceeding, as defined in section 5 of this award condition, that resulted in a finding of fault and liability and the recipient entity's payment of either a monetary fine or penalty of \$5,000 or more or reimbursement, restitution, or damages in excess of \$100,000; or
 - iv. Any other criminal, civil, or administrative proceeding if:
 - (a) It could have led to an outcome described in section 2.c.(i), (ii), or (iii) of this award condition;
 - (b) It had a different disposition arrived at by consent or compromise with an acknowledgment of fault on the part of the recipient entity; and
 - (c) The requirement in this award condition to disclose information about the proceeding does not conflict with applicable laws and regulations.
- 3. Reporting Procedures - Enter in the SAM Entity Management area the information that SAM requires about each proceeding described in section 2 of this award condition. The recipient entity does not need to submit the information a second time under assistance awards that the recipient received if the recipient already provided the information through SAM because the recipient was required to do so under Federal procurement contracts that the recipient entity was awarded.
- 4. Reporting Frequency - During any period of time when the recipient entity is subject to the requirement in section 1 of this award condition, the recipient entity must report proceedings information through SAM for the most recent five-year period, either to report new information about any proceeding(s) that the recipient entity has not reported previously or affirm that there is no new information to report. Recipients that have Federal contract, grant, and cooperative agreement awards with a cumulative total value greater than \$10,000,000 must disclose semiannually any information about the criminal, civil, and administrative proceedings.
- 5. Definitions - For purposes of this award condition:
 - a. "Administrative proceeding" means a non-judicial process that is adjudicatory in nature in order to make a determination of fault or liability (e.g., Securities and Exchange Commission Administrative proceedings, Civilian Board of Contract Appeals proceedings, and Armed Services Board of Contract Appeals proceedings). This includes proceedings at the Federal and State level but only in connection with performance of a Federal contract or grant (including a cooperative agreement). It does not include audits, site visits, corrective plans, or inspection of deliverables.
 - b. "Conviction", for purposes of this award condition, means a judgment or conviction of a criminal offense by any court of competent jurisdiction, whether entered upon a verdict or a plea, and includes a conviction entered upon a plea of nolo contendere.
 - c. "Total value of currently active grants, cooperative agreements, and procurement contracts" includes --
 - i. Only the Federal share of the funding under any Federal award with a recipient cost share; and

- ii. The value of all expected funding increments under a Federal award and options, even if not yet exercised.

HH. AWARDS WITH RESEARCH ACTIVITIES

1. Recipients who engage or assist in scientific related activities on behalf of USDA must uphold the principles of scientific integrity established by Departmental Regulations 1074-001, Scientific Integrity. Covered activities include engaging in, supervising, managing, and reporting scientific work; analyzing and publicly communicating information resulting from scientific work; and utilizing information derived from scientific work in policy and decision making.
2. In accordance with USDA Departmental Regulation (DR) 1020-006, recipients of awards that produce scholarly publications and digitally formatted scientific data assets resulting from unclassified scientific research supported wholly or in part by USDA funds must make the publications and data sets publicly accessible, to the extent feasible with law, agency mission, and resources. Final peer-reviewed, accepted manuscripts must be made freely accessible to the public through the USDA public access archive system (PubAg, hosted by the National Agricultural Library (NAL)). Public access through PubAg must be established within 12 months of the date on which the publisher makes the article available online. The final published article may be submitted to PubAg in lieu of the final peer-reviewed, accepted manuscript, provided the author has the right to submit the published version (e.g., open access articles). Recipients can access NAL at <https://www.nal.usda.gov>.

Digital scientific research data assets connected to a scholarly publication must also receive a digital persistent identifier, such as a Digital Object Identifier (DOI), that allows a scholarly publication and its catalog metadata to link to the published digital scientific research data asset from which the publication was developed. Authors of scholarly publications, at their discretion, are also encouraged to obtain digital persistent identifiers for other associated scientific research products, such as software, workflow documentation, curricular materials, and multi-media materials, if these products are not subject to statutory restrictions and would provide information that would help future users of the scholarly publication. Recipients can receive a DOI via NAL.

Recipients can access DR 1020-006 at <https://www.usda.gov/directives/dr-1020-006>

II. NON-DISCRIMINATION IN USDA PROGRAMS

The recipient agrees that, in accordance with Federal civil rights law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident.

Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotope, American Sign Language, etc.) should contact the responsible Agency or USDA's TARGET Center at (202) 720-2600 (voice and TTY) or

contact USDA through the Federal Relay Service at (800) 877-8339. Additionally, program information may be made available in languages other than English.

To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at <https://www.usda.gov/oascr/how-to-file-a-program-discrimination-complaint> and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your completed form or letter to USDA by: (1) mail: U.S. Department of Agriculture, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, SW, Washington, D.C. 20250-9410; (2) fax: (202) 690-7442; or (3) email: program.intake@usda.gov.

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