



PR Number: 0020057770

Award Number: P14AC01601

Project Number: MNA-71

CFDA #: 15.945

Park/NPS Unit: Glen Canyon National Recreation Area

Title of Project: Conduct Sample Archeological Inventory of Red Canyon Accessible Shoreline

Administered through the: Colorado Plateau Cooperative Ecosystem Studies Unit Cooperative Agreement Number P14AC00921

CESU Partner: Museum of Northern Arizona, 3101 North Fort Valley Road, Flagstaff, AZ 86001

PROJECT CONTACTS:

Principal Investigator: Kimberly Spurr/Supervisory Archeologist, Museum of Northern Arizona, 3103 N. Fort Valley Road/Flagstaff, AZ 86001, 928-774-5211, extension 260, kspurr@mna.mus.az.us

Partner Administrative Contact: Lynn Yeager, Controller, Museum of Northern Arizona, 3103 N. Fort Valley Road, Flagstaff, AZ 86001, 928-774-5211, extension 253, lyeager@mna.mus.az.us

NPS Certified ATR: Rosemary Sucec, Cultural Resources Program Manager, Glen Canyon National Recreation Area, P.O. Box 1507, Page, AZ 86040, 928-608-6277, rosemary_sucec@nps.gov

NPS Technical Expert: Thann Baker, Archeologist, Glen Canyon National Recreation Area, P.O. Box 1507, Page, AZ 86040, 928-608-6263, thann_baker@nps.gov

FUNDING INFORMATION:

Amount Funded: \$24,523

NPS Account Numbers (amounts in parentheses): PPIMGLCAR1 PPMRSCRIZ.CA0000

Fund Source (e.g., ONPS, FLREA, CRPP, CESU, etc.): ONPS

☒ NPS Funding

☐ Is this funded using a reimbursable account number? If yes, IMR contracting needs a copy of the Interagency Agreement.

PROJECT DATES:

Start Date: October 1, 2014

NOTE: *This Task Agreement will become effective on the date of final signature or the effective date of the Award document, whichever is later.*

End Date: December 31, 2015

NPS Administrative Contacts

CESU Coordinator: Todd Chaudhry, Ph.D., National Park Service/CPCESU, NAU P.O. Box 5765, Flagstaff, AZ 86011, 928-523-6638, Fax: 928-523-2014; todd_chaudhry@nps.gov

Intermountain Region Administrative Contact: Kelly Adams, Grants and Agreements Specialist, National Park Service, 12795 West Alameda Pkwy, Lakewood, CO 80228. Phone: 303-969-2303 Fax: 303-969-2992 Email: Kelly_adams@nps.gov

FEDERAL FINANCIAL REPORTS AND DRAWDOWN SCHEDULE:

Federal Financial Reports (Check as required for project based on spending plan, period of performance, risk, cooperator history, etc.)

{ } Quarterly

{ X } Semi-annually

{ } Annually

{ X } Final

PROJECT SCHEDULE AND TECHNICAL REPORT DEADLINES:

List all technical reports and products in sequential order as required in the scope (more lines and milestones can be added as needed):

Project Start Date – October 1, 2014

Technical progress reports – { } Quarterly { } Semi-annually {X} annually
(Check as needed from PI to monitor progress of specific project. Content should be addressed in the scope.)

Investigator's Annual Report (IAR) – December 31, 2015

Database, Collections/Specimens, Archives, and Maps provided to the NPS ATR or Technical Expert – November 1, 2015

Draft Final Report – November 1, 2015

Final Report – December 31, 2015

Project End Date – December 31, 2015

Final SF425 FFR must be submitted within 90 days of project end date

PAYMENTS

2 CFR PART 215.22: Cash advance (drawdown) to recipient organization shall be limited to the minimum amounts needed and be timed to be in accordance with the actual immediate cash requirements of the recipient organization in carrying out the purpose of the approved program or project. The timing and amount of cash advances shall be as close as is administratively feasible to the actual disbursements by the recipient organization for direct program or project costs and the proportionate share of any allowable indirect costs.

2 CFR PART 215.25 (8)(e)(1): Incur pre-award costs 90 calendar days prior to award or more than 90 calendar days with the prior approval of the Federal awarding agency. All pre-award costs are incurred at the recipient's risk. (i.e. the Federal awarding agency is under no obligation to reimburse such costs if for any reason the recipient does not receive an award or if the award is less than anticipated and inadequate to cover such costs.)

CESU REQUIRED PRODUCTS (may be different from those products required by the ATR – See Statement of Work for Products required by the NPS unit):

The Principal Investigator will prepare a brief report abstract suitable for public distribution and two hard copies and an electronic version (in PDF file format) of the final report and mail all to Judy Bischoff, National Park Service, CPCEU, NAU P.O. Box 5765, Flagstaff, AZ 86011. Please be sure to include the project number (e.g.; NAU-###, UMT-###, UAZDS-###) and the P number on the cover page of the final report.

PROJECT ABSTRACT:

Glen Canyon National Recreation Area (GLCA) is writing an environmental impact statement (EIS) of the potential impacts to resources from the recreational use of off-road vehicles (ORV) in 12 designated lakeshore locations. In these locations, users may drive off-road to park along the lakeshore for recreational purposes such as camping, fishing, swimming, and so on. OHV use can impact cultural resources at or near the pool elevation

of Lake Powell, which has ranged from 3,560 feet to 3,640 feet in recent years. The Bureau of Reclamation (BOR) has informed GLCA that lakeshore levels within a 10 year timeframe will not exceed 3680 feet.

The identification and evaluation of archeological sites potentially affected by ORV use is required under sections 110 and 106 of the National Historic Preservation Act of 1966 (NHPA). No historic systematic survey has been conducted of existing lakeshores, although some sites have previously been recorded.

An archeological sampling strategy (*Shoreline Sampling Design*) was developed for the 12 vehicle-accessible shorelines by Northern Arizona University under CESU agreement # H1200-09-0005 and entitled *Glen Canyon National Recreation Area Accessible Shorelines: Design for Archeological Survey* (Bryce 2010). That document will inform the archaeological inventory of the accessible lakeshores, which will assist with decision-making by GLCA management regarding the opening and potential closures of shorelines.

The current project proposes on-the-ground survey of accessible shoreline areas in Red Canyon to provide information about cultural resources that will be helpful in enabling the enactment of the preferred alternative.

The purpose of the survey will be to identify the type, extent, and significance of cultural resources present in the Red Canyon shoreline area, and to assess potential impacts from proposed vehicle access and recreational activities.

SCOPE OF WORK:

Tasks to be completed under this agreement will include:

Task 1. Conduct background research on previous archaeological sites recorded in and around the Red Canyon shoreline survey area within Glen Canyon National Recreation Area.

- (a) This task will include compiling information previously recorded for cultural sites in and around, but not exceeding a 1-mile radius of, the shoreline areas at Red Canyon. Repositories to be consulted include the site files and archives of the Museum of Northern Arizona (MNA) and the administrative headquarters of GLCA.
- (b) This task will also include compiling information relating to artifacts previously collected from sites in and around, but not exceeding a 1-mile radius of, the shoreline area targeted for survey; such collections may be housed at MNA or at WACC in Tucson.

Task 2. Conduct a pedestrian archaeological survey of vehicle-accessible shoreline areas in the Red Canyon area within Glen Canyon National Recreation Area, and document all cultural resources encountered during survey.

- (a) This task will include identifying the precise locations and areal dimensions of the archaeological sites, isolated features, and isolated surface artifacts within the boundaries of the Red Canyon shoreline area.
- (b) Task will also include completion of IMACS site forms in-field, and entry of the field IMACS forms into the digital format provided by GCRA

- (c) Task also includes precisely mapping the surface remains of the archaeological sites within the boundaries of the survey area. Site maps will include all surface features such as structure depressions, masonry walls or foundations, and other architectural remains, and will depict the location and density of major artifact categories such as ceramic sherds, ground stone tools, chipped stone debitage and tools, and ornaments. Maps will also accurately depict major environmental features such as surface relief, rocky outcrops, and vegetation.
- (d) Analyzing representative samples of surface artifacts from archaeological sites within the survey area. All analyses will be conducted in the field. These analyses will be directed toward determining the dates of site occupation or use, range of activities conducted at the site, and cultural affiliations of the people responsible for site formation.

Task 3. Assess existing condition and significance of cultural resources within survey area.

- (a) This task will include assessing the current condition of any cultural resources discovered during survey of the Red Canyon shoreline area. This task will provide baseline information to GLCA managers for long-term monitoring of site conditions and impacts.
- (b) Task will also include assessing the possible significance of cultural sites and other cultural remains discovered or previously recorded within the targeted shoreline survey area. This assessment will be accomplished by applying the criteria of eligibility for the National Register of Historic Places. The significance assessment will utilize information collected about cultural sites during background site file research, collections research, and on-the-ground site recording.

Task 4. Assess potential adverse effects to identified cultural resources within survey area.

- (a) This task will involve assessing the potential adverse effects to cultural sites situated within the Red Canyon shoreline survey area. The assessment will utilize information about proposed off-highway vehicle and other recreational use of the area. The task will apply definitions of adverse effects as presented in 36 CFR Part 800 as well as other guidelines provided by NPS.

Task 5. Produce a synthetic technical report on the results of the archival and collections research, pedestrian survey, and site documentation.

- (a) This task will involve compiling all information gathered during archival, collections, and field operations into a professional quality synthetic report. The report will summarize the findings of the project, and will assess the significance of cultural remains within the Red Canyon shoreline area. The report will also summarize the management implications of these findings, and recommend specific actions that might be taken by NPS to better preserve and manage its cultural resources.

COOPERATIVE AGREEMENTS OR TASK AGREEMENTS INVOLVING COOPERATORS WORKING ON-SITE

Background

In cooperative agreements or task agreements with universities where the university utilizes interns, student employees, research associates (RAs) or cooperators on-site (hereafter called “cooperator personnel”), these cooperator personnel sometimes work on government sites in close proximity to federal employees. It is illegal (without specific statutory authority) for federal employees to directly supervise the cooperator personnel or any university employees or for the students or other university employees to supervise federal employees. When cooperator personnel are working on an NPS site, it is important that there is a clear distinction between students and federal employees.

Office Environment and Vehicles

- The office space of the cooperator personnel and NPS personnel should be clearly labeled (Name and NPS or University affiliation on office or cubicle space).
- Cooperator personnel should be listed separately from NPS personnel in telephone lists, other identification or organizational rosters, and publication credits.
- Cooperator personnel should not receive “all-employee” e-mail or other communications intended for NPS personnel (unless it relates directly to the work the cooperator is doing for the NPS). When the e-mail does relate to the work being done, a copy of the same e-mail message should be sent to the University or cooperator’s supervisor.
- Cooperator personnel may use NPS e-mail systems when the communication relates directly to the work the cooperator is doing for the NPS. The e-mail addresses of the cooperator personnel must include a label associated with their NPS e-mail address that identifies the cooperator’s status (i.e., “Linda Webb, Cooperator” would be the label associated with the e-mail address, linda_webb@contractor.nps.gov). Doing so clearly identifies this individual each time they send an e-mail message using the NPS system, and it identifies their status as a research associate, student intern or student employee in the e-mail directory.
- Unless stipulated in the agreement, cooperator personnel should not drive government vehicles.
- Unless stipulated in the agreement, cooperator personnel should not ride as a passenger in a government vehicle. When this is planned as part of the agreement, an appropriate amount of liability insurance should be negotiated.
- Prior written approval by the Park Superintendent or Center Manager must be obtained in order for a task to allow cooperator personnel to drive or ride in government vehicles.

Supervision and Scheduling

- Each task must specify the university’s/cooperator’s supervisor for the cooperator personnel.
- Unless stipulated in the agreement, NPS staff should not set hours for cooperator personnel, specify where the work should be done, or conduct performance appraisals. National Park Service staff may give performance feedback to the cooperator personnel supervisor.
- Cooperator personnel should report leave, scheduling, and other related issues to the university or cooperator’s supervisor, not to NPS employees. The supervisor of the cooperator personnel should then communicate with the NPS. National Park Service employees cannot directly supervise cooperator personnel on a day-to-day basis. Work should be given to the cooperator personnel (via the cooperator’s

supervisor) on a “task basis.” Cooperators should work without NPS supervision to accomplish each task, although technical consultations and cooperation is permissible.

- The Cooperator will be responsible for any disciplinary action needed to correct student employee conduct or performance problems. The NPS agreements technical representative will inform the university/cooperator’s supervisor of any conduct or performance problems.
- The Cooperator will remove student employees from their positions if they fail to improve performance or address conduct issues.
- The NPS will review and provide feedback to students or interns regarding work assignments.
- The NPS will inform the cooperator of conduct or performance problems with cooperator personnel so that the university can counsel employees and correct the performance problems.
- The NPS will recommend to the cooperator dismissal of cooperator personnel based on conduct or performance issues.
- The Cooperator will hire students, interns or RAs to work on NPS tasks identified in the agreement. Hiring will be conducted in consultation with the NPS Agreements Technical Representative (ATR).
- The Cooperator will: pay students, interns or RAs for hours they have worked in support of the agreement.

Representation and Communication

- Cooperator personnel cannot in any way represent themselves to the public as NPS employees.
- Cooperator personnel are required to wear visible identification at all times.

Other Issues

- Cooperator personnel should not list an NPS affiliation on publications, but rather should list the cooperative agreement under which the work was performed.
- Cooperator personnel should not be invited to official NPS “social” events.
- Cooperator personnel will follow the local policy of the facility when federal facilities are closed due to early release for holidays, snow days, etc.

PRODUCTS:

- 1) Completed site forms, artifact analysis sheets, and plan view maps (field and digital versions) for all sites investigated.
- 2) All original field notes, maps, photos, and other documentation generated during field, laboratory, and archival work.
- 3) A professional quality final report that presents results of archival, collections, and field operations conducted. Ten hard copies and an electronic copy of the final report will be submitted to the NPS Key Official.
- 4) Progress reports and Investigators’ Annual Report as outlined above.

BUDGET: See attached budget spreadsheet