

**AMENDMENT # 1**

**TO SUBGRANT # DEPS 21-031**

Between the State of Nevada  
Acting By and Through Its

Agency Name:	Nevada Department of Conservation and Natural Resources, Division of Environmental Protection
Address:	901 S. Stewart Street, Suite 4001
City, State, Zip Code:	Carson City, NV 89701-5249
Contact:	Zachary Carter
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Subgrantee Name:	City of Reno
Address:	PO BOX 1900
City, State, Zip Code:	Reno, NV 89505
Contact:	Theresa Jones
Phone:	775-334-2350
Fax:	
Email:	tjones@reno.gov

1. **AMENDMENTS.** For and in consideration of mutual promises and other valuable consideration, all provisions of the original subgrant dated 6/17/2021, attached hereto as Exhibit A, remain in full force and effect with the exception of the following:

**A. Provide a brief explanation for subgrant amendment.**

Allow additional time for the scope of work to be completed. Projects construction was rescheduled to the summer of 2024.

**B. Current Subgrant Language:**

- C. SUBGRANT TERM.** This subgrant shall be effective as noted below, unless sooner terminated by either party as set forth in this Subgrant.

Effective from:	NDEP Administrator's Approval	To:	December 31, 2023
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**D. Amended Subgrant Language:**

- E. SUBGRANT TERM.** This subgrant shall be effective as noted below, unless sooner terminated by either party as set forth in this Subgrant.

Effective from:	NDEP Administrator's Approval	To:	December 31, 2024
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2. **INCORPORATED DOCUMENTS.** Exhibit A (original Subgrant) is attached hereto, incorporated by reference herein and made a part of this amended subgrant.
3. **REQUIRED APPROVAL.** This amendment to the original Contract shall not become effective until and unless approved by both parties.

IN WITNESS WHEREOF, the parties hereto have caused this amendment to the original contract to be signed and intend to be legally bound thereby.

_____	_____	_____
Subgrantee Signature	Date	Title
_____	_____	_____
NDEP – Jennifer Carr	Date	Administrator Title

CITY OF RENO

ATTEST:

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Hillary L. Schieve, Mayor

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Nikki Huntsman, City Clerk

APPROVED AT TO FORM

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Susan Ball Rothe  
Deputy City Attorney

**ATTACHMENT A**  
**Scope of Work and Budget**

**City of Reno**  
**Chalk Creek Stabilization and Erosion Control at Sapphire Ridge**

SUBGRANTEE ORGANIZATION: City of Reno  
DUNS#: 076121904

Project Location: Nevada Hydrographic Unit: 16050102 Truckee

**PROJECT BUDGET:**

319(h) funds awarded	\$125,000.00
Total amount of non-federal match funds	<u>\$125,000.00</u>
Total Project Cost	\$250,000.00

**Anticipated Start and Completion Date:** June 2021 – December 2024

**SUBGRANTEE CONTACT PERSONS:** Theresa Jones, PE  
City of Reno

Mailing Address: PO Box 1900  
Reno, NV 89505  
Phone Number: 775-334-2350  
E-Mail: [tjones@reno.gov](mailto:tjones@reno.gov)

**NDEP CONTACT PERSONS:**

**CONTRACT COORDINATOR:** Birgit Widegren  
Nonpoint Source Program Supervisor  
Phone Number: (775) 687-9550  
E-Mail: [bwidegren@ndep.nv.gov](mailto:bwidegren@ndep.nv.gov)

**NDEP CONTRACT MANAGER:** Marjorie Hilke  
Contract Manager  
Phone Number: (775) 687-9444  
E-Mail: [mhilke@ndep.nv.gov](mailto:mhilke@ndep.nv.gov)

**NDEP Mailing Address:** Nevada Division of Environmental Protection  
Bureau of Water Quality Planning  
901 South Stewart Street, Suite 4001  
Carson City, Nevada 89701

## ATTACHMENT A – Scope of Work

### **Project Background:**

#### **Project Objectives:**

The project will design and oversee construction of erosion control improvements to restore failed BMPs and restore Chalk Creek's channel in the identified section. Bank stabilization measures will be selected by the design engineer from measures described in the 2020 Watershed Plan for Tributaries to the Truckee River. Construction funding is coming from City of Reno's Capital Improvement Program in the amount of 1.725 million. This funding needs to be approved by Reno City Council, therefore it is not currently listed as match.

#### **Project Overview:**

Chalk Creek is listed as an impaired surface water on the 2016-2018 NDEP 303(d) impaired waters list for nitrogen, phosphorus, temperature, TDS, total suspended solids, selenium, and sulfates. While some of these constituents seem to be naturally occurring, increased runoff from urbanization has increased the hydromodification rate and led to severe erosion at some sites. During development of subdivisions in this area of Reno drainage improvements were required. The improvements at the proposed project site address failed erosion measures installed during development of the subdivision Sapphire Ridge Phase 1.

The City of Reno maintains this as a top priority project based on severity of the erosion, the protection of private property, and the ownership status of the project location. In the 2020 Watershed Plan for Tributaries to the Truckee River, Appendix C contains a status list of projects identified throughout the Truckee Meadows. The Sapphire Ridge erosion control project is listed as a City of Reno project and has a high priority for implementation. The erosion at this site threatens private property as the Chalk Creek drainageway meanders between residential properties where property boundaries and fencing are threatened. The channel is located within City of Reno Parcels (204-570-03, 204-570-01, and 204-680-05) and has access for maintenance equipment. These parcels are registered open space.

#### **Program Partners:**

City of Reno is the main proponent of this project.

### **Project Goals:**

The Sapphire Ridge Chalk Creek Stabilization project will consist of two phases; design development and construction implementation. The design phase will be broken into several tasks including obtaining consulting services for site evaluation, bmp selection and design, including delivery of preliminary, 50%, 90% final and as built plan sets. Construction phase will include selection of a contractor who will be responsible for executing, acquiring materials and implementing selected design per the bid contract.

Estimated pollutant load reduction was modeled with the EPA Region 5 Load Reduction Tool. The project was broken into two sections, upper and lower, which have differences in dimensions and

conditions within the affected area. The upper section is represented by deep bank incision extending from channel vegetation down to a sedimentation basin above the upstream Sapphire Ridge culvert. The lower section extends from the downstream side of the Sapphire ridge culvert to 7<sup>th</sup> Street. Successful bank stabilization is estimated to reduce annual loads by 48 tons of sediment, 40.6 lbs of total phosphorus and 81.4 lbs of total nitrogen.

## **Project Tasks:**

### **Phase One: Design.**

#### **Task 1. Project Initiation.**

Methods: Kickoff meeting, compilation of existing data, and permitting assessment.

Deliverables: Quarterly Reporting of progress.

#### **Task 2. Preliminary Design.**

Methods: Site evaluation, survey, hydrologic and hydraulic analysis, geotechnical study, BMP selection, preliminary design drawing, specifications list, cost estimate.

Deliverables: Report methods and share information including preliminary design.

#### **Task 3: 50% Design Plan.**

Methods: Develop 50% Design Plan.

Deliverables: Share design plan with NDEP.

#### **Task 4: 90% Design Plan.**

Methods: Develop 90% Design Plan.

Deliverables: Share design plan with NDEP.

#### **Task 5: Final Construction Documents.**

Methods: Develop final design plans and construction document.

Deliverables: Share Construction Documents with NDEP.

#### **Task 6: Project Permitting.**

Methods: Apply for and garner all necessary local, State and Federal permits as necessary for implementation.

Deliverables: Report on acquisition of permits in Quarterly Report.

### **Phase Two: Construction.**

#### **Task 7: Construction.**

Methods: Bid and oversee construction of the selected design. Actual construction costs are NOT a part of this Scope of Work and budget.

Deliverables: Report progress in Quarterly Report.



Task 8: Project Management.

Methods: Oversee and manage contractor during construction of project.

Deliverables: Report progress in Quarterly Report.

### **Project Scheduling**

June 2021-January 2022: Tasks 1-6.

Summer 2022: Task 7.

Fall 2024: Project completed.

December 2024: Final reporting with pre- and post-project pictures.

### **Project Reporting and Evaluation**

- 1) **Quarterly reports and invoices** which describe progress towards achieving each of the tasks outlined above and demonstrate information requested by NDEP relevant to goals and objectives outlined in this Scope of Work shall be submitted to NDEP. Quarterly Reports shall be submitted 10 days following the end of the quarter detailing progress and invoices will be submitted with reimbursement, cash match and in-kind match detailed in an invoice spreadsheet with supporting documentation attached by 40 calendar days following the quarter.
- 2) Deliverables from Tasks delineated above.
- 3) **A Final Report must be submitted before the expiration of the contract and prior to submittal of the final invoice. Contractor must estimate time and funds needed to prepare report.** Report must include the deliverables listed in Tasks delineated above, as well as links to online resources. Final report shall have pictures pre- and post-project implementation and load reduction estimates from project implementation.

**NOTE:** *Failure to submit timely reports, invoices & documentation by the contract terms and timeline may result in delayed reimbursement.*

## Budget

Category	319(h)	In-Kind Match	Cash Match	Total Budget
Consultant Design – Actual Cost	\$72,500		\$72,500	\$145,000
Consultant Construction Oversight – Actual Cost	\$52,500		\$27,500	\$80,000
City of Reno Staff – Hourly \$82.93		\$25,000		\$25,000
Totals	\$125,000	\$25,000	\$100,000	\$250,000