

## **Attachment B to Stipulated Order R6T-2024-0003**

### **Trout Creek Restoration (Reach 1, Segment A) Supplemental Environmental Project (SEP) Workplan**

#### Project Title:

Trout Creek Restoration (Reach 1, Segment A) Supplemental Environmental Project (SEP or Project)

#### Project Location:

Town of Truckee, Nevada County

#### Project Description:

Trout Creek is a perennial stream that drains a 5.1 square mile watershed along the eastern crest of the Sierra Nevada Range and is a medium-sized tributary to the Truckee River. Past impacts have dramatically altered the creek, but over the last two decades, the Town of Truckee (Town) has restored portions of Reach 1 and Reaches 2, 3, 4, and 5 (Figure 1), using a combination of local funds and grant funding.

This SEP would address Reach 1, Segment A, which is one of the remaining upstream segments of Trout Creek in need of restoration. This segment of Trout Creek is approximately 180 linear feet in length and extends upstream from the end of the Reach 1, Phase 1 project to the School Street Bridge in downtown Truckee (Figure 2). This restoration is crucial towards restoring the natural and ecological value of the creek, creating a functioning riparian corridor with enhanced aquatic habitat, and addressing flooding impacts.

Segment A of Reach 1 of Trout Creek has severely degraded habitat and does not contain the 100-year flow. This segment currently contains an undersized 10-foot-wide concrete channel that parallels Jibboom Street (Figure 3). The project would replace segments of the concrete channel with a 30-foot-wide meandering channel to greatly increase flood control capacity and will allow for incorporation of a natural bed and riparian canopy. Large structural elements such as boulders and large woody materials will also be incorporated into the project to encourage variability in the flow field, create pockets of local scour and deposition, and provide cover for aquatic organisms.

The SEP funds will be utilized for final design, easements, permitting and construction associated with restoring Segment A of Reach 1 of Trout Creek. The SEP funds will be considered permanently suspended when Segment A is constructed.

Organization proposing the project:

Town of Truckee  
 Dan Wilkins, Public Works Director/Town Engineer  
 DWilkins@townoftruckee.com  
 (530) 582-2902

Project Readiness, including status of CEQA, permits, and landowner agreements:

The Town Council certified a Mitigated Negative Declaration (MND) for the entire Trout Creek Restoration Project in January 2011 to satisfy the California Environmental Quality Act (CEQA) for the construction of the Project. Initial design for the Project was prepared, but a final design must be completed. One easement from a private property owner adjacent to Segment A is also required. Once final design is complete, the Town will pursue funding for completion of the Project through grants and local matching funds. For prior phases of the Trout Creek Restoration Project, upon completion of final design, the Town successfully obtained approximately \$6 Million in grant funds, coupled with \$3.8 Million of local matching funds. The Town will use the SEP funds towards final design, easement acquisition, permitting, and construction.

Total project cost, amount of SEP money requested, other funding sources:

The amount of SEP funds requested is \$271,849. This suspended penalty will be considered permanently suspended when Segment A is constructed. SEP funding can be utilized for final design, easement acquisition, permitting and/or construction. The estimated cost to complete Segment A post-design is approximately \$985,000, as shown below:

**Segment A Cost Estimate**

	<u>Estimated Cost</u>
<b><u>Project Phase: Design, Permitting, and Easement</u></b>	
<u>Complete Final Design</u>	<u>\$ 80,000</u>
<u>Easement Acquisition</u>	<u>\$100,000</u>
<u>Permitting</u>	<u>\$ 40,000</u>
<b><u>Subtotal Design:</u></b>	<b><u>\$205,000</u></b>
<b><u>Project Phase: Construction, Monitoring, and Maintenance</u></b>	
Construction	\$835,000
Monitoring and Maintenance	\$50,000
<b>Subtotal:</b>	<b>\$885,000</b>
<b>TOTAL:</b>	<b>\$1,105,000</b>

Potential grant funding sources the Town will pursue for construction include the Department of Water Resources Urban Streams Restoration Program, California Department of Fish and Wildlife's Prop 1 Watershed Restoration Grant Program, California Wildlife Conservation Board Habitat Enhancement, and Restoration Program, and the Watershed and Flood Prevention Operations Program. The Town will likely use Stormwater Impact Fees and/or Town General Fund as match to these grants.

#### Project Tasks, Schedules, Milestones

Task 1 (SEP): Completion of Easement Acquisition and Final Design within 18 months of the Stipulated Order becoming effective.

Month 1-6: Easement Acquisition

Month 7-8: Retain design consultant

Month 9: Initiate design

Month 10-11: Additional topographic surveys to evaluate existing condition (weather dependent)

Month 12-15: Draft final design

Month 13-15: Draft permit application documentation (acquisition of 404, 401, and CDFW permits will be delayed until construction funding is secured)

Month 16-18: Complete final design

Task 2 (Segment A): Completion of Segment A within four (4) years of the completion date for Final Design as defined in Task 1. This task includes acquiring construction funding through grants after completion of final design (approximately three (3) years), as well as the project construction (one (1) year).

#### Reporting:

Quarterly reports will be submitted to the Lahontan Water Board's Enforcement Coordinator. The first report will be submitted on May 1, 2024 and will cover the period of January-March 2024. Reports will be submitted in accordance with the schedule below:

<u>Reporting Period</u>	<u>Report Submittal Date</u>
January – March	May 1
April – June	August 1
July – September	November 1
October – December	February 1

The Quarterly reports will include a list of all activities completed during the quarter, an accounting of funds expended, the proposed work for the following quarter, and a

discussion of whether the SEP is compliant with milestone/deadline, and if not, the cause for delay and anticipated date of compliance.

Publicity

If the Town or Teichert Construction publicizes the Trout Creek Reach 1, Segment A project, it will state in a prominent manner that design of the project was undertaken as part of a Settlement Agreement with the Lahontan Water Board.

Nexus between the violations and the project:

The violations alleged in the Stipulated Order relate to stormwater management of the Coldstream Roundabout Project site, which is within the Truckee River watershed. The Trout Creek project is also located within the Truckee River Watershed. Potential impacts to beneficial uses as a result of the alleged violations will be directly ameliorated as a result of the project.

Expected benefits or improvements to water quality or beneficial uses:

The project is expected to improve water quality and riparian habitat through the removal of an existing concrete channel and creation of a meandering natural channel, natural features, and riparian canopy. This will result in improved ecological/geomorphic functions, improved riparian habitat and increased protection to aquatic beneficial uses.

Figure 1: All reaches of the Trout Creek restoration project



Figure 2: Reach 1, Segment A

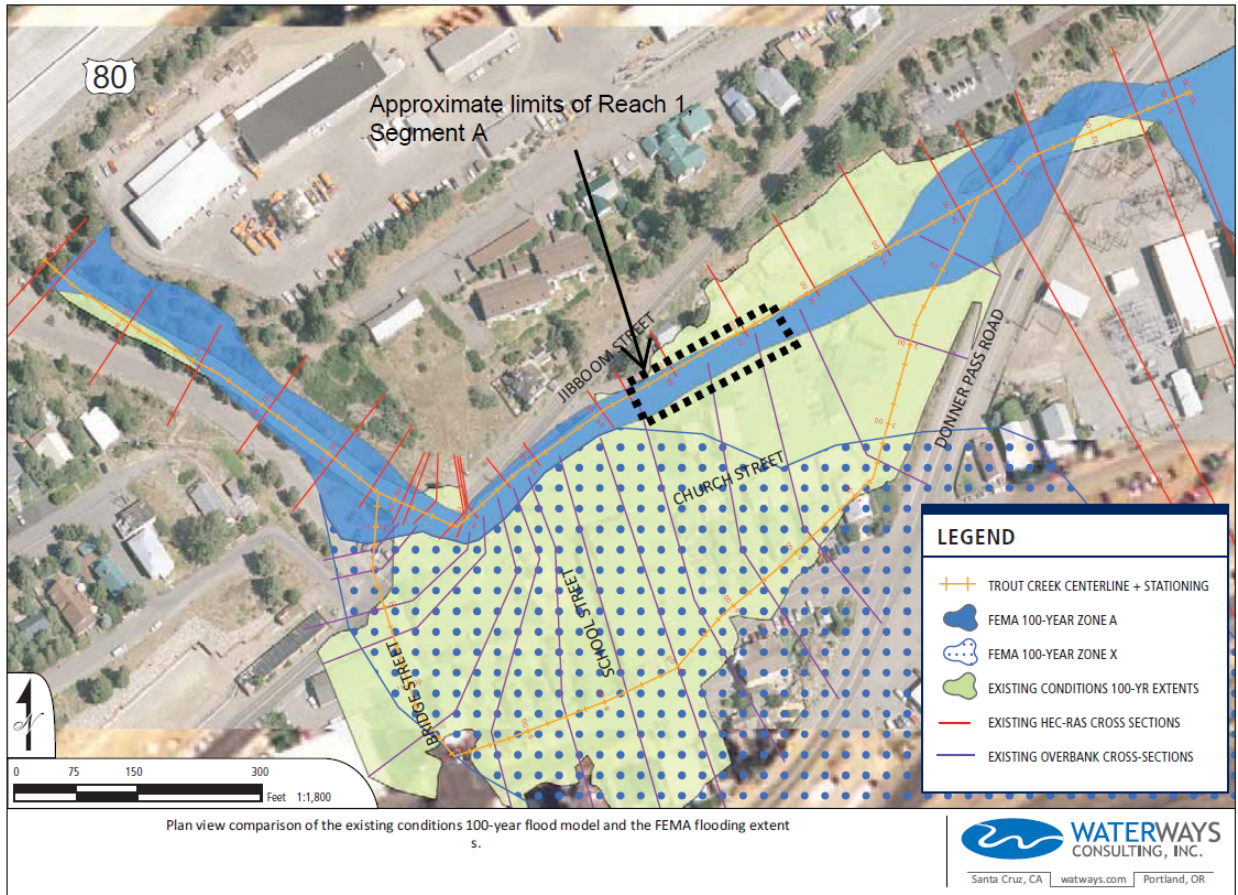




Figure 3: Current conditions of Reach 1, Segment A

