

**CARSON TRUCKEE WATER CONSERVANCY DISTRICT
APPLICATION FOR FLOOD CHANNEL 408 ENCROACHMENT PERMIT**

**UPPER TRUCKEE RIVER – NV/CA STATE LINE to GLENDALE BRIDGE
APPLICATION #: _____**

APPLICANT/OWNER NAME: _____

APPLICANT ADDRESS: _____
City County State Zip Code

Email Address

Phone Number

APPLICANT'S AGENT: _____

AGENT'S ADDRESS: _____
City County State Zip Code

Email Address

Phone Number

APPLICATION DATE: _____

PROJECT NAME: _____

PROJECT LOCATION DESCRIPTION:

PROJECT DESCRIPTION: Briefly describe the overall general project scope, necessity and potential encroachments/impacts to the flood channel. Additional information may be attached.

- 1) Attach a vicinity map showing the project Location with Longitude and Latitude; include any residential neighborhoods near the project.
- 2) Attach an area map showing the project area, disturbance area, access routes, staging areas, etc. with topography, established benchmarks and survey (see note in 5 below). Note the 14,000cfs flood channel demarcation on this map.
- 3) Attach photos showing the project area, pre-project conditions, access routes, staging areas, vegetation, Ordinary High Water Mark (OHWM) identification and other relevant features.
- 4) Provide evidence of property ownership or right of access agreements for all properties used by the project; note if any federal property is involved.
- 5) Provide Project Plans including descriptions of work to be performed, project features, materials specifications, design details with cross-sections, survey data with date, 14,000cfs flood channel demarcation, channel cross-sections and geometry, identification of the OHWM, floodplain zone identifications and other relevant information. NOTE: all survey data must be using Horizontal Datum Nevada Coordinate System West Zone, NAD83, US Survey Feet, Vertical Datum: NAVD88, and Geoid: 03 CONUS; date of survey must be provided. Demonstrate how the design does not impact public interest or impair the 14,000cfs flood channel capacity.

- 6) Provide information regarding the structural impacts of the project to the flood channel including scour analysis, geotechnical impacts and stability analysis for the project design and describe how these factors were incorporated into the design for river flows up to 14,000cfs.
- 7) Provide information regarding the hydraulic impact of the project to the flood channel including hydraulic model analyses for areas upstream, downstream and in the immediate area of the project using survey data compliant with note in 5 above. HEC-RAS model is preferred. Alternatively, provide percentage blockage analysis of the project at the critical flow cross-section. Demonstrate through these analyses that the project does not impair the flow channel.

CONSTRUCTION METHODS: Generally describe construction methods to be used for the project installation, equipment to be used, dewatering plans and other relevant construction information.

- 8) Provide details of the temporary dewatering plan and post project restoration of flows.
- 9) Provide information regarding vegetation disturbance/removal required for the project work and provide a revegetation plan for all project areas; especially those areas within the 14,000cfs flood channel.
- 10) Provide information regarding disturbance of the river channel and plans for restoration of the impacted channel areas.

PROJECT SCHEDULE/ TIMELINE: Please provide a general project schedule and construction timeline for the project including an estimated project start date and completion date.

- 11) Please provide a detailed project schedule/timeline including mobilization, construction and demobilization; delineate periods during which the river channel capacity will be impacted with dewatering, construction, excavation and materials. NOTE: Work between November 1 and June 30 may require additional District authorization.
- 12) Please provide information regarding project requirements or limitations related to schedule and permitting (ie: grant expiration date, river flow limitation, etc).

ENVIRONMENTAL (NEPA) REQUIREMENTS:

- 13) Is your project applying for a USACE Regulatory 404/Nationwide Permit? Yes _____ No _____ ; If yes, please request coordination of the NEPA review between the Regulatory and Flood Branches of the USACE when applying for the Regulatory Permit.
- 14) If your project is not applying for a USACE Regulatory Permit and is only applying for a 408 Permit, please provide the following or provide a request for the USACE Flood Branch to manage NEPA reviews for this project (this may extend permitting timelines) :
 - a. An Environmental Assessment, Environmental Impact Statement or a request for the USACE Flood Branch to consider the project of a Categorical Exclusion.

- b. A Biological Assessment for ESA Section 7 Consultation with the USFWS or a request for the USACE Flood Branch to manage this need for this project.
- c. A Cultural Resources/Archeological Report assessing the effects on cultural resources for Section 106 National Historic Preservation Act consultation or a request for the USACE Flood Branch to manage this need for this project.
- d. Evidence of Tribal Coordination or a request for the USACE Flood Branch to manage this need for this project.
- e. A map of the project depicting the impacted floodplains and any information which demonstrates any impacts to the floodplain and the level of hazard to the project and surrounding community.
- f. Provide information on any air quality impacts from the project including durations and permits required.
- g. Provide any mitigation plans for the project.

REQUIRED PERMITS OR APPROVALS: List all permits, licenses and approvals required and note if each has been acquired or is in process. If in process, note the current status and expected approval date. Below are typical permits and approval contact phone numbers; however this list is not all inclusive and obtaining all required permits and approvals is the responsibility of the applicant.

- U.S. Army Corp of Engineers Regulatory Branch- Reno Office 775-784-5304
- Nevada Division of State Lands 775-687-2720
- Nevada Division of Environmental Protection, Bureau of Water Pollution Control 775-687-9418
- Nevada Division of Environmental Protection, Bureau of Water Quality Planning 775-687-9456
- Nevada Department of Transportation 775-834-8330
- Nevada Department of Wildlife 775-688-1506
- U.S. Fish & Wildlife Service, Nevada Office 775-861-6300
- Other local jurisdictional permits- building, grading, air-quality, etc

OTHER INFORMATION: Provide any information that may be important to the approval of this application.

FINAL PROJECT REPORT & AS BUILT DRAWINGS: Project applicant shall submit a final report to the District within 30days of project completion which shall detail the project elements completed; The Applicant shall provide as-built drawings for the project upon request by the District. If requested by the District Board, the applicant shall provide a presentation regarding the project to the Board at a regularly scheduled Board meeting.

APPLICATION & FEE: A complete application package along with all submittals shall be made to the Carson-Truckee Water Conservancy District; review will begin once all items have been submitted. Submission should be in a typically used electronic format (such as PDF) on a USB flash drive or via email to ctwcd1958@gmail.com.

Submittals made via print materials shall have three copies submitted to the Carson-Truckee Water Conservancy District, Attention: Encroachment Permitting, 295 Holcomb Ave, Suite A, Reno NV 89502.



A \$400 initial application fee shall be submitted to the Carson Truckee Water Conservancy District with the completed application and submittals. This fee will cover the first three hours of review time; additional review hours will be billed at \$150/hour and payable prior to permit issuance.

APPLICATION AUTHORIZATION: I certify that I am familiar with the information contained in this application, and that to the best of my knowledge and belief, such information is true, complete and accurate. I further certify that I have the authority to undertake the proposed Project and that as the applicant, I assume all responsibility for all project elements including, but not limited, compliance with all 408 Permit Conditions, compliance with all environmental and safety regulations, and compliance with all relevant construction standards.

SIGNED: _____

NAME: _____

TITLE: _____

DATE: _____

THE CARSON-TRUCKEE WATER CONSERVANCY DISTRICT WILL RESPOND TO APPLICATIONS WITHIN 45 DAYS FROM THE DATE THE COMPLETE APPLICATION IS RECEIVED. THE CARSON-TRUCKEE WATER CONSERVANCY DISTRICT RESERVES THE RIGHT TO REQUEST ADDITIONAL INFORMATION AND/OR TO DENY ANY APPLICATION FOR FLOOD CHANNEL 408 ENCROACHMENT PERMIT, BASED ON INFORMATION PROVIDED.

NOTE: ALL 408 ENCROACHMENT PERMITS REQUIRE AUTHORIZATION FROM THE SACRAMENTO FLOOD BRANCH OF THE USACE; PERMIT PROCESSING AND REVIEW BY THE USACE MAY TAKE UP TO A YEAR TO COMPLETE FOR THE ISSUANCE OF THE PERMIT. Refer to the Section 408 Requirements at <http://www.usace.army.mil/Missions/Civil-Works/Section408/>; and Refer to the Policy Guidance document EC 1165-2-216 at http://www.publications.usace.army.mil/Portals/76/Publications/EngineerCirculars/EC_1165-2-216.pdf;

NOTE: THE 408 ENCROACHMENT PERMIT MUST BE AUTHORIZED BY THE SACRAMENTO FLOOD BRANCH OF THE USACE PRIOR TO THE ISSUANCE OF THE SECTION 404 REGULATORY PERMIT.