



Rebecca Turner
Calaveras County
County Clerk-Recorder
891 Mountain Ranch Road
San Andreas, CA 95249
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<https://clerkrecorder.calaverasgov.us/>

Receipt: 25-2192

Product	Name	Extended
FISH	FISH AND WILDLIFE FILING	\$50.00
	# Pages	4
	Document #	05-2025-009
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Check #	208527	

THANK YOU. PLEASE KEEP FOR REFERENCE

3/13/25 10:04 AM PST Isudholt



State of California - Department of Fish and Wildlife
2025 ENVIRONMENTAL DOCUMENT FILING FEE
CASH RECEIPT
 DFW 753.5a (REV. 01/01/25) Previously DFG 753.5a

RECEIPT NUMBER:
 05-2025-009
 STATE CLEARINGHOUSE NUMBER (If applicable)
 2023010504

SEE INSTRUCTIONS ON REVERSE. TYPE OR PRINT CLEARLY.

LEAD AGENCY SOUTH SAN JOAQUIN IRRIGATION DISTRICT	LEAD AGENCY EMAIL jlancaster@ppeng.com	DATE 03/13/2025
COUNTY/STATE AGENCY OF FILING CALAVERAS		DOCUMENT NUMBER

PROJECT TITLE
 CANYON TUNNEL PROJECT ADDENDUM

PROJECT APPLICANT NAME SOUTH SAN JOAQUIN IRRIGATION DISTRICT	PROJECT APPLICANT EMAIL jlancaster@ppeng.com	PHONE NUMBER (209)249-4600
PROJECT APPLICANT ADDRESS 11011 E HWY 120	CITY MANTECA	STATE CA
		ZIP CODE 95336

PROJECT APPLICANT (Check appropriate box)

Local Public Agency
 School District
 Other Special District
 State Agency
 Private Entity

CHECK APPLICABLE FEES:

<input type="checkbox"/> Environmental Impact Report (EIR)	\$4,123.50	\$ _____
<input checked="" type="checkbox"/> Mitigated/Negative Declaration (MND)(ND)	\$2,968.75	\$ _____
<input type="checkbox"/> Certified Regulatory Program (CRP) document - payment due directly to CDFW	\$1,401.75	\$ _____
<input type="checkbox"/> Exempt from fee		
<input type="checkbox"/> Notice of Exemption (attach)		
<input type="checkbox"/> CDFW No Effect Determination (attach)		
<input checked="" type="checkbox"/> Fee previously paid (attach previously issued cash receipt copy)		

<input type="checkbox"/> Water Right Application or Petition Fee (State Water Resources Control Board only)	\$850.00	\$ _____
<input checked="" type="checkbox"/> County documentary handling fee		\$ _____ \$50.00
<input type="checkbox"/> Other		\$ _____

PAYMENT METHOD:

Cash
 Credit
 Check
 Other

TOTAL RECEIVED \$ _____ \$50.00

SIGNATURE X <i>Landon Sudholt</i>	AGENCY OF FILING PRINTED NAME AND TITLE Landon Sudholt, Deputy County Clerk-Recorder
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Notice of Determination

Appendix D

To:

Office of Planning and Research
U.S. Mail: P.O. Box 3044 Sacramento, CA 95812-3044
Street Address: 1400 Tenth St., Rm 113 Sacramento, CA 95814

County Clerk
County of: Calaveras
Address: 891 Mountain Ranch Road San Andreas, CA 95249

From:

Public Agency: South San Joaquin Irrigation District
Address: 11011 E. Highway 120 Manteca, CA 95336
Contact: Forrest Killingsworth
Phone: (209) 249-4600

Lead Agency (if different from above):
South San Joaquin Irrigation District
Address: 11011 E. Highway 120 Manteca, CA 95336
Contact: Forrest Killingsworth
Phone: (209) 249-4600

SUBJECT: Filing of Notice of Determination in compliance with Section 21108 or 21152 of the Public Resources Code.

State Clearinghouse Number (if submitted to State Clearinghouse): 2023010504

Project Title: Canyon Tunnel Project Addendum

Project Applicant: South San Joaquin Irrigation District

Project Location (include county): Calaveras County, Stanislaus County, and Tuolumne County

Project Description:

See attached Project Description.

This is to advise that the South San Joaquin Irrigation District has approved the above (Lead Agency or Responsible Agency)

described project on 02/25/2025 and has made the following determinations regarding the above described project.

- 1. The project will not have a significant effect on the environment.
2. An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA. A Negative Declaration was prepared for this project pursuant to the provisions of CEQA.
3. Mitigation measures were made a condition of the approval of the project.
4. A mitigation reporting or monitoring plan was adopted for this project.
5. A statement of Overriding Considerations was adopted for this project.
6. Findings were made pursuant to the provisions of CEQA.

This is to certify that the final EIR with comments and responses and record of project approval, or the negative Declaration, is available to the General Public at:

South San Joaquin Irrigation District, 11011 E. Highway 120, Manteca, CA 95336

Signature (Public Agency): [Signature] Title: Engineering Dept. Manager

Date: 02/25/2025 Date Received for filing at OPR:

Authority cited: Sections 21083, Public Resources Code. Reference Section 21000-21174, Public Resources Code.

Revised 2011

03/13/2025

Isudholt, Deputy Clerk

(ENDORSED) FILED
County of Calaveras
Rebecca Turner
County Clerk-Recorder
05-2025-009

DESCRIPTION OF PROJECT

Project Background and Purpose

The Project consists of a new water conveyance tunnel (approximately 12,010~~60~~ lineal feet, 1,000 feet hard rock and 11,010~~06~~ feet soft rock) to bypass approximately 12,250 lineal feet of existing canal, referred to as the Joint Supply Canal (JSC). The purpose of the Project is to improve long-term reliability of this critical water supply system because existing canal segments along this bypass reach are extremely vulnerable to catastrophic failure, primarily due to unstable rock slopes that are present along the canyon wall above the JSC.

The JSC provides water supply for both South San Joaquin Irrigation District (SSJID) and Oakdale Irrigation District (OID). SSJID provides JSC maintenance and is the lead agency for this project. The JSC is located along the north bank of the Stanislaus River in Calaveras and Stanislaus Counties, California, near the town of Knights Ferry. Water is diverted into the JSC at Goodwin Dam; Goodwin Dam was constructed circa 1913 and was raised in 1958. Goodwin Dam is operated by the Tri-Dam Project, an agency owned jointly by SSJID and OID. The maximum design flow capacity of the existing JSC is approximately 1,250 cubic feet per second (cfs); the existing flows and annual diversion limits would not be modified as a part of this Project but would increase the reliability of supplies. Based on subsurface conditions data and evaluation of potential tunneling methods, a recommended tunnel route was selected. The Project evaluated is a tunnel intake located upstream of the dam; with a submerged intake from the existing forebay pool approximately 20 feet from the dam.

Project objectives would be as follows:

- Increase water supply reliability: The Project would increase reliability of supplies available for both SSJID and OID.
- Reduce rockfall hazard: The Project would provide rockfall protection, thus limiting/minimizing/preventing rocks, sand, gravel, trees, and other material cleanup within the canal, by redirecting flows through the tunnel thus minimizing rockfall issues/concerns.
- Increase Safety: Provide much safer working conditions for facilities maintenance personnel.

Project Description

The work would include temporary construction access, laydown, and staging areas; permanent downstream tunnel portal and tie-in to the existing canal; approximately 12,010~~60~~ lineal feet of new tunnel; permanent upstream tunnel portal and tie-in to ~~either~~ the existing Goodwin Reservoir; and permanent access improvements leading to the existing Goodwin Dam right abutment:

The Project specifically includes the following components:

- Construction of approximately 12,010~~06~~ feet tunnel; approximately ~~1620-foot~~ feet wide by ~~13.8-foot~~ high diameter with a flat floor;
- Use of existing roads paved and dirt roads to be rehabilitated where necessary;
- Rehabilitation of an existing ~~barge~~ boat ramp landing and new ~~boat landing~~ barge platform:
 - ~~Sectional barge would consist of eight pre-cast concrete segments (each 10 feet by 15 feet) with a combined 30 foot by 40 foot area, measuring 7 feet in depth, which is required for 65,000 pound of live load weight during construction;~~
 - Rehabilitation of the existing ~~boat ramp~~ landing would be constructed at the same location and ~~with a slightly larger same~~ footprint at the south shore of Goodwin Dam Reservoir at the current parking lot location;

- Construction of a new boat landing and tunnel inlet access road at the north shore of Goodwin Dam Reservoir;
- Protective cofferdams would be used to dewater around the existing boat ramp, boat landing and tunnel inlet during construction~~barge landing;~~
- ~~Tensioned guide cable would be secured for barge movement alignment:~~
 - ~~South end would be attached below the reconstructed concrete landing with rock bolts;~~
 - ~~North end would be attached to the existing concrete trash rack wall; and~~
 - ~~Electric winches would be used to move the barge platform back and forth.~~
- Improve and re-align existing livestock fences including barbed wire fencing and panel gates;
- Tunnel inlet would start on the north side of the reservoir, upstream of the dam, above the existing diversion canal and on the dry side of the forebay and trash rack;
- Installation of new control gates at the tunnel inlet;
 - The tunnel size would be approximately 16 feet in diameter along the majority of its length, with some areas slightly larger to accommodate hydraulics and portal transitions;
- Temporary installation of a coffer dam stop logs at the existing trash rack for forebay dewatering;
- Installation of a concrete cover cap over the existing forebay to provide rockfall protection;
- Existing ram pump to be abandoned;
 - Proposed vertical conduit to be drilled vertically to tunnel for upland property owner (well with steel casing, removable screen and sump at tunnel sidewall, submersible solar power pump);
- Existing canal gates at dam to remain for side-spill
- Existing canal inlet gates to be abandoned
- Tunnel Outlet would be located at the south west end of the Project area at the downstream portal.
- The proposed Canyon Tunnel would bypass the existing canal for approximately 12, ~~925~~500 feet and tie back into the existing canal through a downstream tunnel portal.

Construction Phases are as follows and are referenced throughout the document:

1. Excavate <u>Downstream</u> Portal Work Area
2. Shotcrete Portal Face
3. Excavate First 800916 LF D + S
4. Tunnel Excavation, Stage 1 Shotcrete
5. Stage 2 Shotcrete
6. Place Concrete Slab D+S and Invert Concrete
7. Tunnel Cleanup
<u>8. Excavate Upstream Portal Work Area</u>
<u>9. Shotcrete Upstream Shoring Walls</u>
<u>10. Construction Concrete Intake Structure</u>
<u>11. Tie-In Canal Facilities</u>

Cultural Area of Potential Effect

The cultural Area of Potential Effect (APE) for ground disturbing activities is approximately ~~8.57~~88.7 acres outlined below:

Tuolumne County

Existing Staging Area (~~boat ramp~~ ~~arge landing~~ and related improvements) = ~~16,560~~21,519 sf = ~~~0.54 acres~~

Existing Access Road (~~may need~~ to be widened) = 780 lf @ 16'w = 12,480 sf = ~0.3 acres

Stanislaus County

Existing Access Road (From Diversion Works – improvements to restore conditions following construction) = 5,481 lf @ 16'w = 87,696 sf = ~2.2 acres

Temporary Contractor Laydown Area (improve then reclaim) = ~3 acres

Calaveras County

New ~~Barge-Boat~~ Landing/Cap over Upstream Portal = ~~12,0938,7728,258 sf = ~~~0.23 acres~~~~

Existing Access Road (To Downstream Tunnel Portal and Staging Area - improvements to restore conditions following construction) = 1,508 lf @ 16'w = 24,128 sf = ~0.6 acres

New Downstream Tunnel Portal and Staging Area = 19,44642,720 sf = ~~~0.51.0~~ acres

Temporary Construction Staging, Spoils Pile/Staging Area with connecting Road (improve then reclaim) = ~~49,285~~40,560sf = ~~~1.20.9~~ acres

Construction Schedule

Construction will occur over ~~approximately two to~~ three years and consist of several phases including clearing, grading, ~~and excavation,~~ ground support and permanent inlet and outlet facilities. Equipment maintenance visits are anticipated to occur weekly.

Equipment

Construction equipment would include air compressors, all-terrain vehicles, concrete mixers, concrete pumps, concrete vibrators, electric generators, excavators, light plants, loaders, water pumps, dump/haul trucks, road header tunneling machine, various hand tools, forklift, drill rig, grout pump, concrete transit trucks, and a temporary ferry, barge or floating bridge to transport equipment. Temporary construction staging area would be located within the Project boundary and used for storage of materials and equipment.

Operation and Maintenance

Operation and maintenance of the facility would be consistent with current activities to maintain infrastructure. The new water conveyance tunnel and associated infrastructure would have the same intent and operational needs as the existing JSC. SSJID would be responsible for operation and maintenance of the Project. Current maintenance equipment access to the north abutment is provided through the JSC during the non-irrigation season (annually November through February). Because the bypassed segment of JSC will be abandoned and no longer available for access, future permanent access to the north abutment will be provided by the new boat launch and landing~~barge~~.

Setting and Surrounding Land Uses

The Project is located within Calaveras, Stanislaus, and Tuolumne Counties, approximately 1.3 miles northeast of the unincorporated community of Knights Ferry, California. This area lies within the foothills of the Sierra Nevada Mountain Range adjacent to the San Joaquin Valley. The topography is made up of rolling hills with elevations ranging from approximately 300 to 700 feet, with underlying rock formations of older metamorphic rock and younger volcanic flows and sandstone. The hills are made up of large oak woodland and grassland habitat. Outside of the community of Knights Ferry are residential homes and ranches on larger lot sizes.