

E202410000200

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: Fresno
Address: 2221 Kern Street Fresno, California 93721

From:

Public Agency: Fresno Irrigation District
Address: 2907 South Maple Avenue Fresno, CA 93725-2218
Contact: Laurence Kimura
Phone: (559) 233-7161

Lead Agency (if different from above):
Fresno Irrigation District
Address: 2907 South Maple Avenue Fresno, CA 93725-2218
Contact: Laurence Kimura
Phone: (559) 233-7161

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

FILED AUG 09 2024 TIME 10:54am

State Clearinghouse Number (if submitted to State Clearinghouse): 2024061125

Project Title: Turnout on the Friant-Kern Canal at Big Dry Creek Project

Project Applicant: Fresno Irrigation District

By Cyan Edmisten DEPUTY FRESNO COUNTY CLERK

Project Location (include county): east of the City of Clovis in Fresno County on Friant Kern Canal.

Project Description:

See attached Project Description.

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

described project on August 8, 2024 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:

District Office located at 2907 South Maple Avenue, Fresno, CA 93725

Signature (Public Agency): [Signature] Title: Chief Engineer

Date: August 8, 2024 Date Received for filing at OPR:

Project Description

Project Location

The proposed Project is located east of the City of Clovis in Fresno County, California, approximately 150 miles southeast of Sacramento and 105 miles northwest of Bakersfield. The Project site is located at mile post (MP) 14.6 on the west bank of the Friant-Kern Canal (FKC) near State Route 168E. The Project site is located within United States Bureau of Reclamation (USBR) right-of-way (ROW), which is known as Assessor's Parcel Number (APN) 150-061-20T. The rest of the Project site is located on APNs 150-061-18; 150-061-46 and 150-061-47. The centroid of the Project site is 36° 52' 12.30" N, 119° 35' 46.22" W. The Project site or Area of Potential Effect (APE) is identified as approximately 15 acres for biological and cultural surveys.

Project Description

The District and Fresno County are proposing to construct a new canal turnout that would divert and deliver water from the FKC into Big Dry Creek (BDC), which would provide direct recharge along the BDC channel north and east of the City of Clovis as well as other water deliveries downstream for recharge and other beneficial uses. The City of Clovis, and the unincorporated and mostly rural residential areas of the County of Fresno, would also benefit from the Project.

The proposed turnout to BDC would be located in an area without surface water supplies and would directly benefit an area with declining groundwater levels and limited suitable areas for recharge.

In addition to conveying water down the existing creek channel, the proposed Project would provide storage and the potential for reconveyance of Friant water supplies because the diversion of water is upstream of the BDC Reservoir.

The proposed turnout, pipeline, and associated appurtenances would require a land use authorization from the United States Bureau of Reclamation (Reclamation) as the FKC is owned and operated by Reclamation. The proposed turnout would be owned by Reclamation. Friant Water Authority would be responsible for operation of the new turnout, and the District would be responsible for the maintenance of the turnout.

The proposed turnout would be located at mile post 14.6, on the west bank of the FKC and the site would cover approximately 15 acres (including the construction staging area). The turnout would be situated on the downstream side of the existing BDC crossing. The proposed Project would involve installation of a turnout structure and pipeline leading to an open channel structure. The site is anticipated to be upwards of a two-bay turnout with up to a 72-inch pipe, each pipeline approximately 260 feet long. The turnout proposes delivering a maximum combined total of 300 cubic feet per second (CFS) to BDC. The new facility footprint is estimated to encompass an area 80 to 100 feet wide by 200 feet long within the FKC ROW. Excavation for construction would net up to 11,000 cubic yards of material. The proposed Project would also require electrical service from PG&E for the ancillary flowmeter, gate actuator and possibly traveling water screen.

Turnout Construction

A reinforced concrete turnout would be constructed at approximately MP 14.6 along the FKC at the BDC crossing. The turnout would require placement of reinforced concrete walls, gate valve assembly, and access platform. Excavation through the canal lining and into the canal embankment would reach approximately 120 feet horizontally at a depth of about 25 feet. A traveling water screen may be installed with a stop log.

Conveyance Pipeline/Channel Construction

The reinforced concrete turnout would connect to up to a 72-inch diameter reinforced concrete pipeline into a discharge structure/open channel to provide water to the BDC. The turnout would deliver up to 300 CFS total to the existing creek through the pipeline/channel. The total length of pipeline is projected to be approximately 260 feet for each turnout bay (520 feet total) and would be buried at a depth of up to approximately 20 feet below grade within the canal embankment and up to about 15 feet below grade for the remaining length of the pipeline. Excavation and trenching would conform to a 1.5:1 slope or as required by OSHA safety standards.

General Construction Process

Contractors would start with saw-cutting the liner in the place where the proposed turnout would be located. From there, the canal bank would be excavated to an elevation 1-2 feet below the proposed turnout structure floor. The excavated dirt would be stockpiled in the immediate vicinity to use as backfill around the structure and pipeline once constructed. No dirt is expected to leave the site and would be used to build back the canal bank behind the structure and liner.

Construction elements would consist of excavation in the FKC, compaction of the foundation, forming and pouring the structure floors, forming and pouring the structure walls, setting the pipeline, backfilling and compacting around both the structure and pipeline, then pouring the concrete liner within the canal. Excavation would utilize excavators to dig down to the target depth of approximately 25 feet to go slightly deeper than the structure in preparation of compaction below the structure floor. Contractors would slope out from a depth of approximately 25 feet at a 1.5:1 slope back to the existing ground surface or use vertical shoring. Sloping back would require a wider footprint and would, at the largest case be an approximately 80-foot horizontal impact to account for space around the structure. At the same time, the existing liner panels would be sawcut and removed, to the nearest expansion joint, over this same horizontal area.

Compaction would use compacting equipment such as rammers, rollers, and/or sheepfoot rollers to condition and compact the soil under the structure and pipeline to the required compaction.

Pouring concrete would occur in distinct sections, with each step including formwork, setting reinforcing steel and pouring concrete. The first section would be the structure floor. The walls would be set and then poured after the floor has had some time to cure. The walls could potentially be poured in two segments, given the height of the structure. Pipeline would be started during the wall construction since the first stick of pipe is set within the wall. From there the pipeline would be laid within a trench approximately 10 feet wide and 10 feet deep from the proposed turnout to the BDC tie-in location. After setting pipeline and structure concrete, the excavated dirt would be backfilled and compacted in place to match existing conditions. All construction staging areas necessary for the proposed Project will be located within the 15-acre APE.

Construction Schedule

Construction is anticipated over approximately six months from September 2026 to February 2027 with turnout construction when the FKC is anticipated to be de-watered for maintenance (potentially mid-November 2026 – mid-January 2027). Generally, construction would occur between the hours of 6 am and 6 pm, Monday through Saturday, excluding holidays. Construction would require temporary staging and storage of materials and equipment onsite. Post-construction activities would include system testing, commissioning, and site clean-up.

Equipment

Construction equipment would likely include excavators, backhoes, graders, skid steers, loaders, saws, compactors, and hauling trucks. The site would be accessible via access roads and a vehicular gate off of Tollhouse Road (SR 168).

Operation and Maintenance

The operation and maintenance of the proposed Project would be consistent with that of other similar federal USBR facilities. This includes consistent cleaning of debris and sediment and regular monitoring. Friant Water Authority would be responsible for operation of the new turnout. The District would be responsible for the maintenance of the turnout, and Reclamation would own the proposed turnout on the FKC.

County of Fresno
Clerk's Office
James A. Kus

Elections Department
(559) 600-8683

Clerk Services Department
(559) 600-2575

Finalization 2024014863
8/9/2024 10:54 AM
CCR572471 Cedmisten

Description	Fee
EIR Administrative Fee	
Time Recorded: 10:54 AM	
Recording Fee:	\$50.00
<hr/>	
Total Amount Due	\$50.00
<hr/>	
Total Paid	
Check Tendered	\$50.00
#206650	
Amount Due	\$0.00

E202410000200

THANK YOU
PLEASE KEEP FOR REFERENCE



State of California - Department of Fish and Wildlife
2024 ENVIRONMENTAL DOCUMENT FILING FEE
CASH RECEIPT
 DFW 753.5a (REV. 01/01/24) Previously DFG 753.5a

RECEIPT NUMBER:
E202410000200
 STATE CLEARINGHOUSE NUMBER (if applicable)

SEE INSTRUCTIONS ON REVERSE. TYPE OR PRINT CLEARLY.

LEAD AGENCY FRESNO IRRIGATION DISTRICT	LEAD AGENCY EMAIL	DATE 06/26/2024
COUNTY/STATE AGENCY OF FILING FRESNO COUNTY		DOCUMENT NUMBER E202410000200

PROJECT TITLE
TURNOUT ON THE FRIANT KERN CANAL AT BIG DRY CREEK PROJECT

PROJECT APPLICANT NAME FRESNO IRRIGATION DISTRICT	PROJECT APPLICANT EMAIL	PHONE NUMBER
PROJECT APPLICANT ADDRESS 2907 S MAPLE AVE	CITY FRESNO	STATE CA
		ZIP CODE 93725


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)	\$4,051.25	\$	<u>0.00</u>
<input checked="" type="checkbox"/> Mitigated/Negative Declaration (MND)(ND)	\$2,916.75	\$	<u>2,916.75</u>
<input checked="" type="checkbox"/> Certified Regulatory Program (CRP) document - payment due directly to CDFW	\$1,377.25	\$	<u>0.00</u>
<input type="checkbox"/> Exempt from fee			
<input type="checkbox"/> Notice of Exemption (attach)			
<input type="checkbox"/> CDFW No Effect Determination (attach)			
<input type="checkbox"/> Fee previously paid (attach previously issued cash receipt copy)			
<hr/>			
<input type="checkbox"/> Water Right Application or Petition Fee (State Water Resources Control Board only)	\$850.00	\$	<u>0.00</u>
<input checked="" type="checkbox"/> County documentary handling fee	\$50.00	\$	<u>50.00</u>
<input type="checkbox"/> Other		\$	<u>0.00</u>

PAYMENT METHOD:

Cash Credit Check Other 206650 TOTAL RECEIVED \$ **2,966.75**

SIGNATURE X  Cyan Edmisten	AGENCY OF FILING PRINTED NAME AND TITLE Cyan Edmisten Deputy Clerk
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State of California - Department of Fish and Wildlife
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PAYMENT METHOD:

Cash
 Credit
 Check
 Other 206650

TOTAL RECEIVED \$ **2,966.75**

SIGNATURE X <i>Cyan Edmisten</i> Cyan Edmisten	AGENCY OF FILING PRINTED NAME AND TITLE Cyan Edmisten Deputy Clerk
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County of Fresno
Clerk's Office
James A. Kus

Elections Department
(559) 600-8683

Clerk Services Department
(559) 600-2575

Finalization 2024014862
8/9/2024 10:54 AM
CCR572471 Cedmisten

Description	Fee
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EIR - Negative Declaration

Time Recorded: 10:54 AM
Recording Fee: \$2,916.75

Total Amount Due \$2,916.75

Total Paid

Check Tendered \$2,916.7
#206650

Amount Due \$0.00

E202410000200

THANK YOU
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