

Notice of Completion & Environmental Document Transmittal

Mail to: State Clearinghouse, P.O. Box 3044, Sacramento, CA 95812-3044 (916) 445-0613
For Hand Delivery/Street Address: 1400 Tenth Street, Sacramento, CA 95814

SCH #

Project Title: Recharge Basin Phase III Project

Lead Agency: Fresno Irrigation District Contact Person: Laurence Kimura
Mailing Address: 2907 S. Maple Ave Phone: (559) 233-7161
City: Fresno Zip: 93725 County: Fresno

Project Location: County: Fresno City/Nearest Community: Fresno, Biola, Kerman
Cross Streets: see attached Project Description for cross streets and additional location information. Zip Code: _____
Longitude/Latitude (degrees, minutes and seconds): 36 ° 802 ' " N / 119 ° 988 ' " W Total Acres: 93 total
Assessor's Parcel No.: 326-040-23S, 016-450-33, 51, and 62, 016-091-58 Section: _____ Twp.: _____ Range: _____ Base: MDMB
Within 2 Miles: State Hwy #: _____ Waterways: _____
Airports: NA Railways: NA Schools: Central High West Camp

Document Type:

- | | | | |
|---|--|------------------------------------|--|
| CEQA: <input type="checkbox"/> NOP | <input type="checkbox"/> Draft EIR | NEPA: <input type="checkbox"/> NOI | Other: <input type="checkbox"/> Joint Document |
| <input type="checkbox"/> Early Cons | <input type="checkbox"/> Supplement/Subsequent EIR | <input type="checkbox"/> EA | <input type="checkbox"/> Final Document |
| <input type="checkbox"/> Neg Dec | (Prior SCH No.) _____ | <input type="checkbox"/> Draft EIS | <input type="checkbox"/> Other: _____ |
| <input checked="" type="checkbox"/> Mit Neg Dec | Other: _____ | <input type="checkbox"/> FONSI | |

Local Action Type:

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> General Plan Update | <input type="checkbox"/> Specific Plan | <input type="checkbox"/> Rezone | <input type="checkbox"/> Annexation |
| <input type="checkbox"/> General Plan Amendment | <input type="checkbox"/> Master Plan | <input type="checkbox"/> Prezone | <input type="checkbox"/> Redevelopment |
| <input type="checkbox"/> General Plan Element | <input type="checkbox"/> Planned Unit Development | <input type="checkbox"/> Use Permit | <input type="checkbox"/> Coastal Permit |
| <input type="checkbox"/> Community Plan | <input type="checkbox"/> Site Plan | <input type="checkbox"/> Land Division (Subdivision, etc.) | <input checked="" type="checkbox"/> Other: <u>Recharge Basins</u> |

Development Type:

- | | |
|---|---|
| <input type="checkbox"/> Residential: Units _____ Acres _____ | <input type="checkbox"/> Transportation: Type _____ |
| <input type="checkbox"/> Office: Sq.ft. _____ Acres _____ Employees _____ | <input type="checkbox"/> Mining: Mineral _____ |
| <input type="checkbox"/> Commercial: Sq.ft. _____ Acres _____ Employees _____ | <input type="checkbox"/> Power: Type _____ MW _____ |
| <input type="checkbox"/> Industrial: Sq.ft. _____ Acres _____ Employees _____ | <input type="checkbox"/> Waste Treatment: Type _____ MGD _____ |
| <input type="checkbox"/> Educational: _____ | <input type="checkbox"/> Hazardous Waste: Type _____ |
| <input type="checkbox"/> Recreational: _____ | <input checked="" type="checkbox"/> Other: <u>Recharge Basins</u> |
| <input type="checkbox"/> Water Facilities: Type _____ MGD _____ | |

Project Issues Discussed in Document:

- | | | | |
|--|---|--|---|
| <input type="checkbox"/> Aesthetic/Visual | <input type="checkbox"/> Fiscal | <input type="checkbox"/> Recreation/Parks | <input type="checkbox"/> Vegetation |
| <input type="checkbox"/> Agricultural Land | <input type="checkbox"/> Flood Plain/Flooding | <input type="checkbox"/> Schools/Universities | <input type="checkbox"/> Water Quality |
| <input type="checkbox"/> Air Quality | <input type="checkbox"/> Forest Land/Fire Hazard | <input type="checkbox"/> Septic Systems | <input type="checkbox"/> Water Supply/Groundwater |
| <input checked="" type="checkbox"/> Archeological/Historical | <input type="checkbox"/> Geologic/Seismic | <input type="checkbox"/> Sewer Capacity | <input type="checkbox"/> Wetland/Riparian |
| <input checked="" type="checkbox"/> Biological Resources | <input type="checkbox"/> Minerals | <input type="checkbox"/> Soil Erosion/Compaction/Grading | <input type="checkbox"/> Growth Inducement |
| <input type="checkbox"/> Coastal Zone | <input type="checkbox"/> Noise | <input type="checkbox"/> Solid Waste | <input type="checkbox"/> Land Use |
| <input type="checkbox"/> Drainage/Absorption | <input type="checkbox"/> Population/Housing Balance | <input type="checkbox"/> Toxic/Hazardous | <input type="checkbox"/> Cumulative Effects |
| <input type="checkbox"/> Economic/Jobs | <input type="checkbox"/> Public Services/Facilities | <input type="checkbox"/> Traffic/Circulation | <input checked="" type="checkbox"/> Other: <u>TCR</u> |

Present Land Use/Zoning/General Plan Designation:

AE - Exclusive Agriculture

Project Description: *(please use a separate page if necessary)*

Please see attached Project Description.

Note: The State Clearinghouse will assign identification numbers for all new projects. If a SCH number already exists for a project (e.g. Notice of Preparation or previous draft document) please fill in.

Reviewing Agencies Checklist

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with and "X".
If you have already sent your document to the agency please denote that with an "S".


- | | |
|---|--|
| <input checked="" type="checkbox"/> Air Resources Board | <input checked="" type="checkbox"/> Office of Historic Preservation |
| <input type="checkbox"/> Boating & Waterways, Department of | <input type="checkbox"/> Office of Public School Construction |
| <input type="checkbox"/> California Emergency Management Agency | <input type="checkbox"/> Parks & Recreation, Department of |
| <input type="checkbox"/> California Highway Patrol | <input type="checkbox"/> Pesticide Regulation, Department of |
| <input checked="" type="checkbox"/> Caltrans District #6 | <input type="checkbox"/> Public Utilities Commission |
| <input type="checkbox"/> Caltrans Division of Aeronautics | <input checked="" type="checkbox"/> Regional WQCB #5 |
| <input type="checkbox"/> Caltrans Planning | <input type="checkbox"/> Resources Agency |
| <input type="checkbox"/> Central Valley Flood Protection Board | <input type="checkbox"/> Resources Recycling and Recovery, Department of |
| <input type="checkbox"/> Coachella Valley Mtns. Conservancy | <input type="checkbox"/> S.F. Bay Conservation & Development Comm. |
| <input type="checkbox"/> Coastal Commission | <input type="checkbox"/> San Gabriel & Lower L.A. Rivers & Mtns. Conservancy |
| <input type="checkbox"/> Colorado River Board | <input type="checkbox"/> San Joaquin River Conservancy |
| <input type="checkbox"/> Conservation, Department of | <input type="checkbox"/> Santa Monica Mtns. Conservancy |
| <input type="checkbox"/> Corrections, Department of | <input type="checkbox"/> State Lands Commission |
| <input type="checkbox"/> Delta Protection Commission | <input type="checkbox"/> SWRCB: Clean Water Grants |
| <input type="checkbox"/> Education, Department of | <input type="checkbox"/> SWRCB: Water Quality |
| <input type="checkbox"/> Energy Commission | <input type="checkbox"/> SWRCB: Water Rights |
| <input checked="" type="checkbox"/> Fish & Game Region #4 | <input type="checkbox"/> Tahoe Regional Planning Agency |
| <input type="checkbox"/> Food & Agriculture, Department of | <input type="checkbox"/> Toxic Substances Control, Department of |
| <input type="checkbox"/> Forestry and Fire Protection, Department of | <input type="checkbox"/> Water Resources, Department of |
| <input type="checkbox"/> General Services, Department of | |
| <input type="checkbox"/> Health Services, Department of | <input type="checkbox"/> Other: <u>Air Pollution Control District</u> |
| <input type="checkbox"/> Housing & Community Development | <input type="checkbox"/> Other: _____ |
| <input checked="" type="checkbox"/> Native American Heritage Commission | |

Local Public Review Period (to be filled in by lead agency)

Starting Date October 28, 2024 Ending Date November 28, 2024

Lead Agency (Complete if applicable):

Consulting Firm: <u>Provost & Pritchard Consulting Group</u>	Applicant: <u>Fresno Irrigation District</u>
Address: <u>455 W Fir Avenue</u>	Address: <u>2907 Maple Avenue</u>
City/State/Zip: <u>Clovis, CA 93611</u>	City/State/Zip: <u>Fresno, CA 93725</u>
Contact: <u>Briza Sholars</u>	Phone: <u>(559) 233-7161</u>
Phone: <u>(559) 449-2700</u>	

Signature of Lead Agency Representative:  Date: 10/23/2024

Authority cited: Section 21083, Public Resources Code. Reference: Section 21161, Public Resources Code.

Fresno Irrigation District Recharge Basin Phase III Project

Project Description

Fresno Irrigation District (FID or District) is proposing to construct three recharge basins in Fresno County within District boundaries. The basins will range in size from 19 to 53 acres and will all connect to the FID Thompson No. 54 canal, and a pipeline running north to Barstow Ave on adjacent private land connecting to the Herndon No. 39 Canal which is an existing District water conveyance facility. All three sites may have extraction wells and recovery wells constructed. All the proposed basins will have perimeter fencing. The total Project Area of Potential Affect (APE) for biological and cultural surveys is identified as 93 acres for all three sites.

The proposed benefits of all three basins includes recharge, new storage of floodwater, providing new habitat for waterfowl and to assist the District to maintain its commitments to the Kings River fisheries management program by providing place for fish management water to be diverted in dry years. These basin sites are all in a critical location for the District to perform recharge and would capture and use storm and flood water supplies available to FID.

The following components would be consistent at each basin site:

- For turnout construction, the Project will cut a notch approximately 8 x 8 feet in the canal wall (like a box culvert) that water will go through. Then a gate outside the existing FID canal will be constructed that will measure and control flow.
- Basin depth would be up to 20 feet below ground surface. (Vertical APE)
- Up to two monitoring wells, placed approximately ¼ mile from existing wells at each basin site,
- Each basin will have an automated gate with flow measurement and/or a canal gate with downstream metering stand,
- Perimeter fencing- cattle fence, any fencing will not impact the existing canal infrastructure
- Excavation would be balanced onsite or exported offsite, as needed to a District approved location,
- Up to two recovery wells and discharge pipeline to deliver ~5 cfs to adjacent existing FID canal infrastructure, placed approximately ¼ mile from existing wells at each basin site.
- Maximum berm height of six (6) feet measured from the lowest point at the downstream toe of the berm to its maximum storage elevation, which is typically the spillway crest.
- No weirs or turnouts will be removed at any basin site location.

Specific details that are unique to each recharge basin are outlined below.

Metzler Recharge Basin:

The Project includes construction of a new 19-acre recharge basin, including earthwork and structures located at the intersection of N. Jameson Avenue and W. Shaw Avenue, identified as APN 016-450-71S in Fresno County. The property is currently vacant and clear of vegetation. The proposed basin cells will use up the majority of the site with a berm buffer at the perimeter inside the proposed fencing. The District owns the conveyance canal, Thompson No. 54, crossing the Project site. The Project would provide approximately 220 AF of flood water surface storage and recharge approximately 1,320 AF/year annual average. There will be no impacts to the headgate in the southeast corner of the APE. The Project includes the following construction components that would connect to Thompson No. 54 Canal which exists to the east.

- Two basin outlet structures with connections to Thompson No. 54 Canal and the proposed Schmall Recharge Basin.
- Vehicular access would be off of Shaw Avenue.

Schmall Recharge Basin

The Project includes construction of a new 53-acre recharge basin including earthwork and structures near the intersection of N. Jameson Avenue and W. Shaw Avenue, identified as APNs 016-450-33, 51, and 62 in Fresno County. The land has been previously cleared of vines and the APE would extend along the east side of the Thompson No. 54 District-owned canal and potentially to the Herndon No. 39 canal to the north. The proposed basin cells will use up the majority of the site with a berm buffer at the perimeter inside the proposed fencing. The Project would provide approximately 300 AF of flood water surface storage and recharge approximately 1,800 AF/year annual average. The Project includes the following construction components that would connect to Thompson No. 54 canal which exists to the west.

- Two basin outlet structures.
- Vehicular access would be off of Jameson Ave.
- Pipeline running north to Barstow Ave on adjacent private land connecting to the Herndon No. 39 Canal (an easement would be needed by FID) may be constructed. If this connection is made, a pipeline connection between the proposed Schmall Basin and Metzler Basin may also be made.
- If the proposed basin will connect to the Thompson No. 54 canal, the pipeline would be within an open cut trench or jack and bore underneath.

Schneider Recharge Basin

The Project includes construction of a new 21-acre recharge basin including earthwork and structures, near the intersection of N. Jameson Avenue and W. Gettysburg Avenue, identified as APN 016-091-58, in Fresno County. The APE is located south of the Thompson No. 54 Canal. The proposed basin cells will use up the majority of the site with a berm buffer at the perimeter inside the proposed fencing. The Project would provide approximately 80 AF of flood water surface storage and recharge approximately 480 AF/year annual average. There will be no impacts to the private residential farm bridge. The Project includes the following construction components that would connect to Thompson No. 54 Canal which exists to the east.

- Basin outlet structure.
- Vehicular access would be off Jameson.

Construction

Construction of the Project is assumed to be completed over the course of approximately three years, with each of the three basins being constructed over approximately six months, starting each fall from the years 2025-2027. The Project parcels have been and/or would be cleared of vegetation, fencing, structures, and other debris. The Project includes mobilization, site preparation, berm construction surrounding the basins; earthwork and structures placement; Project turnout(s), metering stands, diversion check structures, intrabasin and basin outfall structures. New berm construction would not exceed six feet, measured from the exterior toe to the top of new levee. For the canal connections to the proposed basins, FID would cut a notch (less than 50-ft wide) in the existing District canal wall, insert a pipeline, and put up one outlet structure, pre-cast concrete ideally or cast in place into canal. The Project may include ponds/cells within the basins separated by berms/levees. After construction completion, performance testing and demobilization would occur.

Equipment

Construction equipment would likely include the following equipment used during construction:

- Excavators,
- Backhoes,
- Graders,
- Skid steers,

- Loaders,
- Hauling trucks,
- Scrapers,
- Sheep's foot compactors (Large and Small dependent on area conditions),
- D9 dozer,
- large tractor and large discing unit,
- Water trucks supplying water for dust control and conditioning soil for compaction, and
- Large watercannon and hoses.

Post-construction activities would include system testing, commissioning, and site clean-up. Construction would require temporary staging and storage of materials and equipment. Staging areas would be located onsite.

Operation and Maintenance

Each of the proposed basin sites include construction of a recovery well and monitoring wells to assist the District with monitoring and managing the groundwater recharge basins and levels. The District's operation of the basins would be consistent with the District's other similar facilities in that groundwater conditions would be monitored to minimize negative impacts on the surrounding areas (such as nearby wells, crops, and septic systems).