

Summary Form for Electronic Document Submittal

Form F

Lead agencies may include 15 hardcopies of this document when submitting electronic copies of Environmental Impact Reports, Negative Declarations, Mitigated Negative Declarations, or Notices of Preparation to the State Clearinghouse (SCH). The SCH also accepts other summaries, such as EIR Executive Summaries prepared pursuant to CEQA Guidelines Section 15123. Please include one copy of the Notice of Completion Form (NOC) with your submission and attach the summary to each electronic copy of the document.

SCH #: _____

Project Title: Modification of Water Right Permit 21112

Lead Agency: El Dorado Irrigation District

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Project Location: South Fork American River, Placerville, Kyburz, El Dorado County
City *County*

Project Description (Proposed actions, location, and/or consequences).

The El Dorado Irrigation District (District) seeks to modify its existing Water Right Permit 21112 to add authorized points of diversion and re-diversion to more effectively and efficiently meet the future water demands within El Dorado County. Water Right Permit 21112 presently allows the District to directly divert or re-divert water supplies from a combination of eastern sources (Jenkinson Lake and/or Forebay Reservoir) provided by the operation of Project 184 for consumptive uses at Folsom Reservoir. These locations are near the boundary extremes of the District's service area requiring long and significant conveyance facilities to provide treatment and delivery of water to customers. The single point of diversion and re-diversion at Folsom Reservoir precludes the District from effectively and efficiently utilizing this supply throughout the entirety of Permit 21112's authorized place of use.

Continued on Attachment.

Identify the project's significant or potentially significant effects and briefly describe any proposed mitigation measures that would reduce or avoid that effect.

It is anticipated that the EIR will evaluate the potential for significant effects to the following resource areas:

- Hydrology and water quality
- Biological resources (aquatic and terrestrial)
- Recreation
- Cultural resources and Tribal Cultural Resources
- Geology and soils
- Aesthetics
- Utilities
- Transportation
- Air quality
- Greenhouse gases and climate change
- Energy
- Noise and vibration
- Wildfire
- Hazards and hazardous materials
- Land use
- Population and housing
- Agriculture and forestry resources
- Public services
- Mineral resources

If applicable, describe any of the project's areas of controversy known to the Lead Agency, including issues raised by agencies and the public.

Areas of controversy will be identified during scoping and consultation with agencies as part of preparation of the Draft Environmental Impact Report. It is anticipated that key areas of public and agency concern will be hydrology and water quality, biological resources, recreation, and utilities (hydroelectric).

Provide a list of the responsible or trustee agencies for the project.

- California Department of Fish and Wildlife
- State Water Resources Control Board

SUMMARY FORM ATTACHMENT

Project Overview (Continued from Summary Form)

Long-term water supply planning forecasts (including the District's 2013 Integrated Water Resources Master Plan and the El Dorado County Water Agency 2014 West Slope Update to the Water Resources Development & Management Plan) indicate that a portion of the Permit 21112 water supply will be necessary to serve areas of the District that are east of El Dorado Hills and at a higher elevation. Delivering water to these higher elevation areas of the District's service area would require extensive energy-intensive pumping of raw and treated water from Folsom Reservoir. Therefore, the District proposes to petition the State Water Resources Control Board (SWRCB) to modify Permit 21112 to allow additional upstream points of diversion and re-diversion along the South Fork. The proposed changes to Permit 21112 would allow additional points of diversion and re-diversion, while maintaining the other limitations of the water right, such as place of use, purpose of use, season of diversion, total diversion to storage, and total direct diversion. Also, adding points of diversion under Permit 21112 would increase water supply reliability by maximizing the flexibility to meet demands with multiple points of diversion of the water supply.

The additional points of diversion are proposed at the District's existing El Dorado Diversion Dam near Kyburz and at SMUD's Slab Creek Dam/Reservoir or at SMUD's White Rock Powerhouse Penstock north of Placerville near Chili Bar. In addition, the District proposes to add a point of re-diversion from the El Dorado Diversion Dam at Jenkinson Lake to allow for storage of Permit 21112 water in Jenkinson Lake.

With these additional points of diversion and re-diversion, water could be diverted from higher elevations under Permit 21112 and then delivered to customers at lower elevations in the District service area. By taking Permit 21112 water supply at the El Dorado Diversion Dam and at Slab Creek Dam/Reservoir or the White Rock Powerhouse Penstock, water can be treated and distributed largely via gravity flow to meet demands throughout the District's service area. In addition, allowing storage in Jenkinson Lake would help address the imbalance of low water availability and high water demand in the summer months. Water could be taken at the El Dorado Diversion Dam during the snowmelt season, when Jenkinson Lake is forecast not to fill to capacity, and diverted into Jenkinson Lake via the Hazel Creek tunnel and seasonally stored to allow re-diversion of storage during dry months of the year to meet District demands. The system would rely mainly on gravity rather than pumping, substantially reducing energy consumption and the costs of water conveyance and delivery, while improving water supply flexibility to meet growing water demand in the District's service area.

The District also seeks to extend the time for complete application of Permit 21112 water to the authorized beneficial use, by filing a Petition for Extension of Time with the SWRCB. The District seeks to extend the date for completing construction of facilities and demonstrating full beneficial use of Permit 21112 water from December 31, 2020 to December 31, 2040.