

**Notice of Completion & Environmental Document Transmittal**

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 For Hand Delivery/Street Address: 1400 Tenth Street, Sacramento, CA 95814

SCH #

**Project Title:** Reclamation District 1001 Auxiliary Drainage Pump Station Project

Lead Agency: Reclamation District 1001

Contact Person: Thomas Engler PE

Mailing Address: 1959 Cornelius Ave.

Phone: (530) 656-2318

City: Rio Oso

Zip: 95674

County: Sutter

**Project Location:** County: Sutter

City/Nearest Community: Nicolaus

Cross Streets: Garden Highway and Levee Road

Zip Code: 95659

Longitude/Latitude (degrees, minutes and seconds): 38° 48' 03.8" N / 121° 34' 50.3" W Total Acres: 17.5

Assessor's Parcel No.: N/A

Section: 18

Twp.: 11 N

Range: 4 E

Base: Mt. Diablo

Within 2 Miles: State Hwy #: State Route 99

Waterways: Natomas Cross Canal

Airports: N/A

Railways: N/A

Schools: N/A

**Document Type:**CEQA: ☐ NOP☐ Draft EIRNEPA: ☐ NOIOther: ☐ Joint Document☐ Early Cons☐ Supplement/Subsequent EIR☐ EA☐ Final Document☐ Neg Dec

(Prior SCH No.) \_\_\_\_\_

☐ Draft EIS☐ Other: \_\_\_\_\_☒ Mit Neg Dec

Other: \_\_\_\_\_

☐ FONSI**Local Action Type:**☐ General Plan Update☐ Specific Plan☐ Rezone☐ Annexation☐ General Plan Amendment☐ Master Plan☐ Prezone☐ Redevelopment☐ General Plan Element☐ Planned Unit Development☐ Use Permit☐ Coastal Permit☐ Community Plan☐ Site Plan☐ Land Division (Subdivision, etc.)☒ Other: Irrigation Infrastructure**Development Type:**☐ Residential: Units \_\_\_\_\_ Acres \_\_\_\_\_☐ Office: Sq.ft. \_\_\_\_\_ Acres \_\_\_\_\_ Employees \_\_\_\_\_☐ Commercial: Sq.ft. \_\_\_\_\_ Acres \_\_\_\_\_ Employees \_\_\_\_\_☐ Industrial: Sq.ft. \_\_\_\_\_ Acres \_\_\_\_\_ Employees \_\_\_\_\_☐ Educational: \_\_\_\_\_☐ Recreational: \_\_\_\_\_☒ Water Facilities: Type Pump Station MGD \_\_\_\_\_☐ Transportation: Type \_\_\_\_\_☐ Mining: Mineral \_\_\_\_\_☐ Power: Type \_\_\_\_\_ MW \_\_\_\_\_☐ Waste Treatment: Type \_\_\_\_\_ MGD \_\_\_\_\_☐ Hazardous Waste: Type \_\_\_\_\_☐ Other: \_\_\_\_\_**Project Issues Discussed in Document:**☐ Aesthetic/Visual☐ Fiscal☐ Recreation/Parks☒ Vegetation☒ Agricultural Land☒ Flood Plain/Flooding☐ Schools/Universities☒ Water Quality☒ Air Quality☐ Forest Land/Fire Hazard☐ Septic Systems☐ Water Supply/Groundwater☒ Archeological/Historical☒ Geologic/Seismic☐ Sewer Capacity☒ Wetland/Riparian☒ Biological Resources☐ Minerals☒ Soil Erosion/Compaction/Grading☐ Growth Inducement☐ Coastal Zone☐ Noise☐ Solid Waste☐ Land Use☒ Drainage/Absorption☐ Population/Housing Balance☒ Toxic/Hazardous☒ Cumulative Effects☐ Economic/Jobs☒ Public Services/Facilities☐ Traffic/Circulation☐ Other: \_\_\_\_\_**Present Land Use/Zoning/General Plan Designation:**

Agriculture 80-acre

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

See attached project description.

## Reviewing Agencies Checklist

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with an "X".

If you have already sent your document to the agency please denote that with an "S".

<input 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 type="checkbox"/> Caltrans District # _____	<input type="checkbox"/> Public Utilities Commission
<input type="checkbox"/> Caltrans Division of Aeronautics	<input checked="" type="checkbox"/> Regional WQCB # <u>5S</u>
<input type="checkbox"/> Caltrans Planning	<input type="checkbox"/> Resources Agency
<input checked="" 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 checked="" type="checkbox"/> SWRCB: Water Quality
<input type="checkbox"/> Energy Commission	<input type="checkbox"/> SWRCB: Water Rights
<input checked="" type="checkbox"/> Fish & Game Region # <u>2</u>	<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 checked="" type="checkbox"/> Water Resources, Department of
<input type="checkbox"/> General Services, Department of	
<input type="checkbox"/> Health Services, Department of	Other: _____
<input type="checkbox"/> Housing & Community Development	Other: _____
<input type="checkbox"/> Native American Heritage Commission	

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

Starting Date September 9, 2020

Ending Date October 8, 2020

### Lead Agency (Complete if applicable):

Consulting Firm: Dokken Engineering

Applicant: Reclamation District 1001

Address: 110 Blue Ravine Road, #200

Address: 1959 Cornelius Ave.

City/State/Zip: Folsom/ CA/ 95630

City/State/Zip: Rio Oso, CA 95674

Contact: Tim Chamberlain

Phone: (530) 656-2318

Phone: (858) 336-9884

Signature of Lead Agency Representative: \_\_\_\_\_ Date: \_\_\_\_\_

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

# Reclamation District 1001 Auxiliary Drainage Pump Station

## Project Description

Reclamation District (RD) 1001 proposes to construct a new auxiliary drainage pump station located along the Natomas Cross Canal (NCC) North Levee at the south end of the RD 1001 Lateral 4 Channel, approximately one mile northeast of the existing RD 1001 Main Drainage Pump Plant within Sutter County, California. The Auxiliary Drainage Pump Station Project (Project) will utilize grant funds through the Federal Emergency Management Agency (FEMA) Hazard Mitigation Grant Program (HMGP) in coordination with the State of California Office of Emergency Services (CalOES).

RD 1001 currently has two electrically powered pump stations which discharge drainage flows from the agricultural areas within RD 1001 into the NCC. During prior flood events, the risk of damages caused by flooding was increased due to the unreliability of the electrical power to these pump stations. Furthermore, the existing pump stations are not able to be upgraded with backup generators due to the age of the existing facilities. To minimize the flood risk due to loss of power at the existing pump stations, the proposed Project will involve the construction of a fuel-powered pump station that would remain operational during the loss of electrical power, maintaining some pumping capacity of drainage flows.

The Project consists of the following improvements:

- Regrading of the Lateral 4 Channel from the south end of the existing culvert located at the RD 1001 Main Drain Canal to the proposed auxiliary pump station location at the landside toe of the NCC North Levee. This includes lowering the Lateral 4 Channel's bottom, grading the side slopes of the channel, and grading access roads at the top of the channel, where required, to maintain a minimum width of 12 feet.
- Raising and widening of the NCC North Levee to accommodate the new pump station discharge pipes and associated appurtenances including propane tanks, and to maintain levee crown access around the proposed facilities. Two landside ramps and one waterside ramp will also be constructed to provide access to the proposed pump station and a proposed outfall structure from the levee crown.
- Construction of the pump station at the south end of the Lateral 4 Channel at the landside toe of the NCC North Levee. The pump station will consist of a steel frame structure with a concrete mattress foundation, two vertical turbine pumps, two propane power units, and associated appurtenances. A walkway will be constructed from the levee crown to the proposed pump station for maintenance access. Propane tanks will be located on the levee crown with fuel lines running from the propane tanks to the power units.
- Construction of two 36-inch drainage discharge pipes. The discharge pipes will begin at the proposed pump station, cross the NCC North Levee within the levee embankment, and end at a proposed concrete outfall structure located at the waterside toe of the levee. The discharge pipes will include appurtenances located at the pump station and at the crown of

the levee. The appurtenances at the crown of the levee will be contained within a concrete vault structure. The discharge pipes will be supported on pipe support structures from the pump station to a location where the pipes enter the levee embankment.

- Construction of a railcar bridge that will span the Lateral 4 Channel at a location just upstream of the proposed pump station. The proposed bridge will include a trash rack at its upstream end. An existing drainpipe will be relocated to accommodate the railcar bridge and trash rack.
- Grading of two irrigation ditches to convey flows from the existing ditches west and east of the Project site. The ditches will outfall to the Lateral 4 Channel at a location upstream of the proposed railcar bridge and trash rack. The proposed ditch alignments will encroach onto the surrounding fields and will include 12-foot access roads. The remainder of the existing ditch located in between the proposed irrigation ditches and the pump station will be filled.

The Project will require partial acquisition of private property adjacent to the Lateral 4 Channel. No utilities are required to be relocated as part of this Project. Construction access will be along the crown of the NCC North Levee, with access provided to the levee crown either from the Garden Highway or from East Striplin Frontage Road. Construction staging will be located at the landside toe of the NCC North Levee within the proposed construction limits.