



US Army Corps  
of Engineers

Sacramento District  
1325 J Street  
Sacramento, CA 95814-2922

# Public Notice

Public Notice Number: 200150184

Date: October 10, 2002

Comments Due: November 9, 2002

In reply, please refer to the Public Notice Number

**SUBJECT:** Application for a Department of the Army permit under authority of Section 404 of the Clean Water Act and water quality certification under Section 401 to fill 1.57 acres of wetlands for the Roy Water Conservancy Reservoir project, as shown in the attached drawings.

**APPLICANT:** Roy Water Conservancy District (Roy WCD)  
ATTN: Roy Watts  
5440 South 1700 West  
PO Box 231  
Roy, UT 84067

**LOCATION:** The proposed project is located west of 5500 South 4300 West, Roy, in Weber County, Utah (See Figure 1). The proposed project is within a portion of Section 20, Township 5 North, Range 2 West, Salt Lake Base and Meridian, USGS quad map Roy. Latitude 41-9-14.0612 Longitude 112-5-4.2504, UTM Zone 12, 409086 East, 4556481 North.

**PURPOSE:** The purpose of the proposed project is to construct a reservoir to hold secondary irrigation water for outdoor use at homes and agricultural properties located within the district boundaries. The current Roy WCD secondary irrigation system is operating at and slightly above capacity to meet current needs for the service area. However, Roy is expected to grow at an average annual rate of 300 residential units per year for the next 10 years. With the current conservation program in place, the reservoir is needed by 2003 and will be fully utilized within 10 years.

**AREA DESCRIPTION:** The site is located in an area of developing residential and existing agricultural land, and the site is currently zoned for agricultural use. To the east, the site is bounded by 4300 West Street. East of 4300 West Street is a recently developed subdivision and a City storm water detention facility/park. To the north of the site is an existing agricultural property with farm buildings. South of the proposed project site is open pasture and farmstead. West of the site is pastureland and a school.

The area is located within the Lower Weber Watershed and drains into the nearby Howard Slough. The 10.1 acre site contains approximately 1.57 acres of wetlands. These wetlands are predominately wet meadow, with vegetation consisting of Arctic rush (*Juncus arcticus*), Clustered field sedge (*Carex praegracilis*), Saltgrass (*Distichlis spicata*), and Kentucky bluegrass (*Poa pratensis*). A small emergent marsh wetland in the northeast corner is vegetated by Cattails (*Typha latifolia*).

The hydrology for the wet meadow is provided by a high water table, storm water, and runoff which pools due to depressional topography. The landscape drainage pattern is from east to north-west, and a road to the north of the property impairs drainage off the site. An 18 inch storm drain conveys storm flow

and irrigation tail waters onto the north-east corner of the site. This water day-lights on the site, and the uncontrolled flows support the emergent marsh wetland.

**PROJECT DESCRIPTION:** The proposed project includes the excavation of a 10 acre site for the placement of a secondary irrigation reservoir and associated outfall pipe and structure (See Figure 2). The reservoir will cover approximately 10 acres at a maximum depth of 8 feet and retain approximately 24 acre-feet of water. Within the excavated basin, rip-rap will be placed along the floor and the 3:1 sloped walls for erosion control and the interior will be lined with clay. This parcel will be fenced as a safety precaution. A 42 inch drain line, equipped with an energy dissipater to reduce downstream erosion, will discharge overflow water to the Howard Slough. The project is scheduled to begin in Summer 2003 and completion is anticipated by 2007.

Indirect Impacts: Water retained within the basin may permeate the walls and provide sub-surface water to the adjacent wetlands. The applicant has stated that any scour impacts to the Howard Slough during large storm events will be minor because the Slough would also be full of water. Additionally, energy dissipaters will be installed on the discharge line prior to entering the Slough.

Water Quality: The secondary irrigation reservoir will be designed to improve local water quality. The reservoir inlet will have an oil, grease and sediment filtration system to filter most of the contaminants. The basin itself will act to further settle out solids. Outflows will occur only during major storm events. These outflows will again be filtered prior to discharge by an oil, grease and sediment filtration system.

Alternative Site Selection: The applicant researched several sites for applicability for the proposed project. The project requires the site to be located near the current storm water retention pond at 4300 West Street and near irrigation and drainage return flows. Figure 3 shows areas the applicant considered. The sites to the south and west are too high in elevation to convey the flow of the storm water. The sites to the north approach on the Howard Slough and contain more wetlands. Properties to the west are higher in elevation than the proposed site and was far from the water source. The applicant has considered proposing two smaller sites to avoid wetland impacts. However, the project size has been configured at the smallest scale to meet the community needs and the location is dependant on the underground drains that are currently in place.

**MITIGATION:** The applicant proposes to purchase wetlands mitigation credits at a wetland mitigation bank in accordance with established procedures. The applicants preferred bank is Bailey's Meadow Mitigation Bank, located in Salt Lake City.

#### **ADDITIONAL INFORMATION:**

Cultural Resources: The Utah State Historical Preservation Office has reviewed the site location and determined that No Historic Properties will be affected by the proposed project.

Threatened and Endangered Species: The project will have no effect to Federally listed species.

Water Quality Certification: Certification that the proposed work, if permitted, will not violate applicable water quality standards have been requested from the Utah Division of Water Quality. The Utah Division of Water Quality intends to issue certification, provided that the proposed work will not violate applicable water quality standards. Projects are usually certified where the project may create diffuse sources (nonpoint sources) of wastes which will occur only during the actual construction activity and where best management practices will be employed to minimize pollution effects. Written comments on water quality certification should be submitted to Mr. William O. Moellmer, Utah Division of Water Quality,

288 North 1460 West, PO Box 144870, Salt Lake City, Utah 84114-4870, on or before **November 9, 2002**.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties. All interested parties are invited to submit written comments on or before **November 9, 2002**. Personal information in comment letters is subject to release to the public through the Freedom of Information Act. Any person may request, in writing, within the comment period specified in this notice that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. The permit decision will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, consideration of property ownership, and in general, the needs and welfare of the people. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act.

If additional information is required, please contact Mr. Roy Watts of the Roy Water Conservancy District at 801-825-9744, or Ms. Anna Langdon of the Utah Regulatory Office, telephone 801-295-8380, ext. 15, or email [anna.m.langdon@usace.army.mil](mailto:anna.m.langdon@usace.army.mil). Written comments should reference Public Notice Number 200150184 and should be mailed to the District Engineer-Sacramento, U.S. Army Corps of Engineers, ATTN: Ms. Anna Langdon, Utah Regulatory Office, 533 West 2600 South, Suite 150, Bountiful, Utah 84010.

Michael J. Conrad, Jr.  
Colonel, Corps of Engineers  
District Engineer

Attachments:

Figure 1: Location/Vicinity Map

Figure 2: Project Plan

Figure 3: Alternative Sites Considered