

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: Infiltration Gallery Demonstration ProjectLead Agency: South Valley Water Resources AuthorityContact Name: Scott HamiltonEmail: Scott@resourceeconomics.netPhone Number: 661-303-1540Project Location: _____
n/a
CityContra Costa County
County

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

The Infiltration Gallery Demonstration Project (Proposed Project) would evaluate the biological and engineering performance of an alternative method to diverting water in an estuarine system such as the Delta that is less harmful to fishery resources. Water diverted through the infiltration gallery will flow by gravity into a vault (a tank or sump). That is, there will be no suction on the perforated pipes. Hydraulic theory indicate that in this kind of system, flow into and through the pipes, will be controlled by the hydraulic head over the pipes so that if the pipes are at a uniform elevation, flow into the pipes will be uniformly distributed. Water will be pumped from the collection facility through a pipe and discharged re-routed into either a nearby wetland or directly back into Italian Slough directly or through the adjacent wetland. No water consumption would occur as a result of the Proposed Project. At completion of the pilot testing, all equipment and infrastructure will be removed from the Project Site and the site revegetated and returned to agricultural grazing land.

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

Implementation of Mitigation Measure AQ-1: Implement Standard Air Quality Construction Mitigation Measures would further reduce impacts. Implementation of Mitigation Measure BIO-1: Worker Awareness Environmental Training and Mitigation Measure BIO-2: Pre-Construction Survey for Special-status Plants would avoid or reduce potential impacts to these special-status plants through worker education about the species and pre-construction surveys during blooming season to determine presence or absence of the species. Implementation of Mitigation Measure BIO-3: Pre-construction Surveys for Special-Status Amphibians and Reptiles, and Mitigation Measure BIO-4: Wildlife Exclusion Fencing would reduce impacts to these species by education of workers, requiring preconstruction surveys, and isolating the work area from adjacent habitat to deter the potential movement of these species into the work area. Implementation of Mitigation Measure BIO-5 (Protection of Nesting Birds), will ensure that potential impacts on nesting birds would be less than significant with mitigation. Implementation of Mitigation Measure BIO-6 would ensure that potential water quality impacts on special-status fish species would occur at less-than-significant levels. Implementation of construction BMPs in conjunction with Mitigation Measures BIO-1 and BIO-6 will ensure that potential impacts on special-status fish would be less than significant with mitigation. Implementation of Mitigation Measures BIO-6 and BIO-7, potential impacts to special status fish species would be less than significant. If any previously unrecorded paleontological resources were encountered during construction, Mitigation Measures GEO-1 and GEO-2 would implement construction worker training and treatment measures. Mitigation Measure GHG-1 would implement best performance standards.

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

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