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# Notice of Determination

To: X Office of Planning and Research  
1400 Tenth Street, Room 113  
Sacramento, CA 95814

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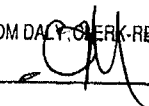
Public Agency:  
Irvine Ranch Water District (applicant)  
15600 Sand Canyon Avenue  
Irvine, CA 92618

Contact: Paul Weghorst  
Phone: (949) 453-5300

FILED

MAR 15 2012

TOM DALY, CLERK-RECORDER

By  DEPU

**Subject:** Filing of Notice of Determination in compliance with Section 21108 or 21152 of the Public Resources Code.

State Clearinghouse Number (if submitted to State Clearinghouse): 2010051055

Project Title: Baker Water Treatment Plant Project


Project Location (include county): Lake Forest, CA - Orange County

Project Description: Irvine Ranch Water District (IRWD) has prepared Addendum No. 1 to the Final Environmental Impact Report (EIR) for the Baker Water Treatment Plant (WTP) Project. The proposed modifications include changes to the alignment of the treated water pipeline that connects the Baker WTP to the South County Pipeline and changes to the mechanical design of the product water pump station (PWPS). The footprint and design of the PWPS building would not change from that described in the Final EIR. The modified alignment for the proposed treated water pipeline would run from the south corner of the Baker site, cross under the Allen McColloch Pipeline (AMP) and IRWD's Lake Forest Zone 1 and Zone 2 pipeline, run parallel to the Project's sewer pipeline alignment, then into the rights-of-way of Forestwood, Autumnwood, Palmwood, and Peachwood. A connection to the South County Pipeline would be constructed near the Peachwood-Palmwood intersection.

This is to advise that the Irvine Ranch Water District (Lead Agency) has approved the above described project on February 27, 2012 and has made the following determinations regarding the above described projects.

1. The project will not have a significant effect on the environment
2. An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA.
3. Mitigation measures were made a condition of the approval of the project.
4. A mitigation reporting or monitoring plan was adopted for this project.
5. A statement of Overriding Considerations was not adopted for this project.
6. Findings were made pursuant to the provisions of CEQA.

This is to certify that the Final EIR with comments and responses and record of project approval, or the Negative Declaration, is available to the General Public at: www.irwd.com


3/9/12  
 \_\_\_\_\_  
 Signature (Public Agency) - Director of Water Resources, Irvine Ranch Water District Date

Date Received for filing at OPR: \_\_\_\_\_

POSTED

MAR 15 2012

Authority cited: Section 21083, Public Resources Code  
Reference Section 21000-21174, Public Resources Code.

Addendum No. 1 to the  
**BAKER WATER TREATMENT PLANT PROJECT**  
Environmental Impact Report (State Clearinghouse No.2010051055)

Prepared for:  
Irvine Ranch Water District  
15600 Sand Canyon Avenue  
Irvine, CA 92618

February 2012





Addendum No. 1 to the  
**BAKER WATER TREATMENT PLANT PROJECT**  
Environmental Impact Report (State Clearinghouse No.2010051055)

Prepared for:  
Irvine Ranch Water District  
15600 Sand Canyon Avenue  
Irvine, CA 92618

February 2012



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# **ADDENDUM NO. 1 TO THE BAKER WATER TREATMENT PLANT PROJECT ENVIRONMENTAL IMPACT REPORT**

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## **1.0 Introduction**

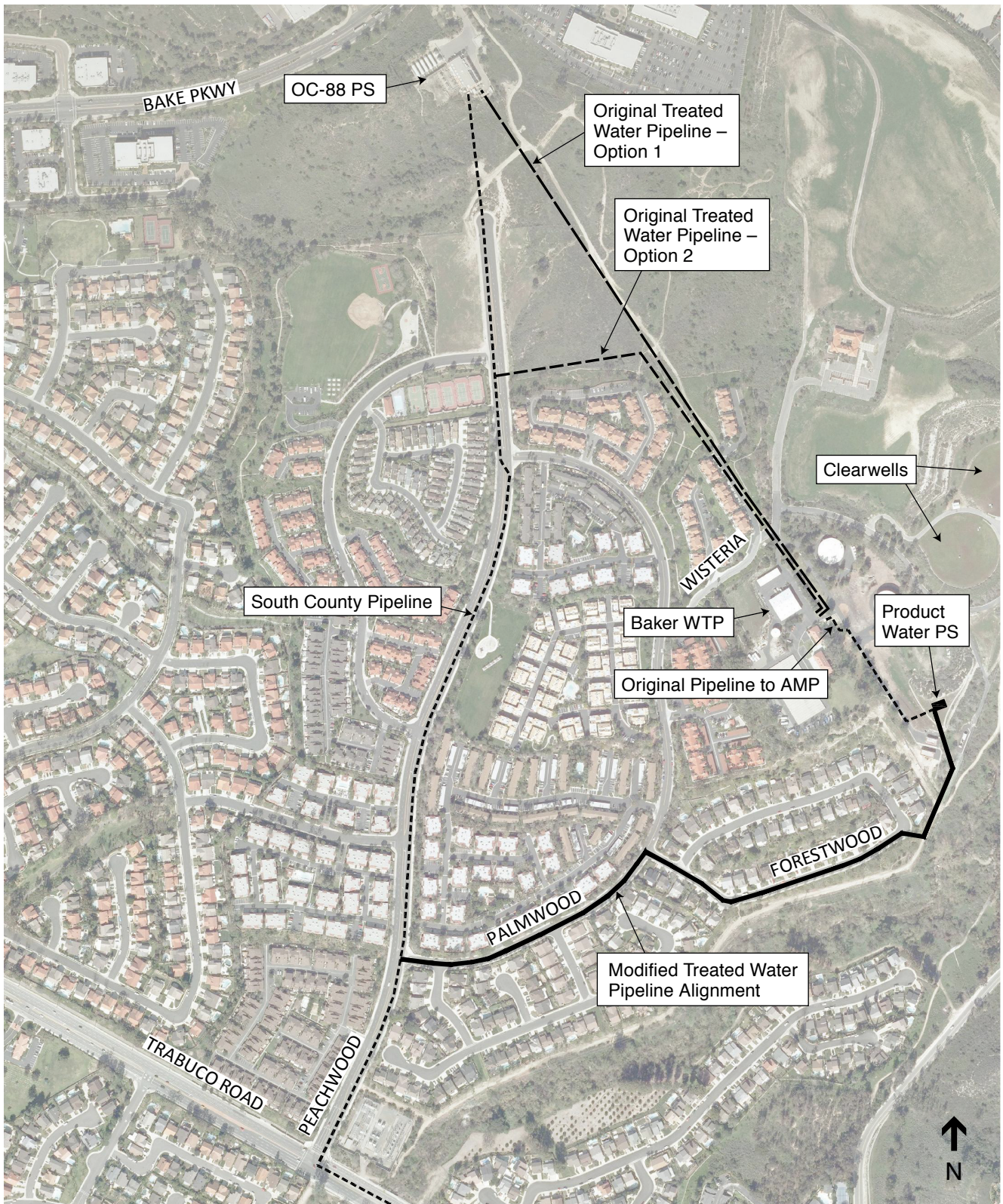
The Irvine Ranch Water District (IRWD) proposes modifications to the Baker Water Treatment Plant (WTP) Project. The proposed modifications include changes to the alignment of the treated water pipeline (Figure 1) and changes to the mechanical design of the product water pump station (PWPS). The potential environmental effects of the proposed modifications to the Project are addressed in this Addendum No. 1 to the Baker WTP Project Final Environmental Impact Report (EIR). All other planned Baker WTP facilities and project objectives outlined in the Final EIR remained unchanged.

IRWD has prepared this Addendum pursuant to the California Environmental Quality Act (CEQA) Guidelines Section 15164, to describe the modifications to the Project and to evaluate whether the modifications present any new significant impacts not identified in the previously certified Final EIR that would require preparation of a subsequent or supplemental EIR. As documented in the analysis presented below, the proposed modifications would not result in substantial changes that warrant preparation of a subsequent or supplemental EIR pursuant to Section 15162 of the CEQA Guidelines.

## **1.1 Project Background**

In April of 2011, the IRWD's Board of Directors certified the Baker WTP Project Final EIR. The Final EIR evaluated the environmental effects of constructing and operating a new potable water treatment facility in the City of Lake Forest that will enhance water supply reliability in southern Orange County. The Baker WTP Project will provide redundant treatment capacity to Metropolitan Water District of Southern California's (MWD) Diemer Treatment Plant by treating raw water at a normal operating capacity of 43.5 cubic feet per second (28 million gallons per day). The Project will not increase the capacity of regional treated water distribution pipelines, but rather improve regional potable water system reliability and operational flexibility. The Project also will provide treated water to four partnering water agencies in southern Orange County: El Toro Water District (ETWD), Moulton Niguel Water District (MNWD), Santa Margarita Water District (SMWD), and Trabuco Canyon Water District (TCWD).





SOURCE: RBF Consulting, 2012.

Baker Water Treatment Plant Project Addendum No. 1 . 209247.07

**Figure 1**  
Treated Water Pipeline Alignment

## 1.2 Purpose of Addendum

Under CEQA, the lead agency or a responsible agency shall prepare an addendum to a previously-certified EIR if some changes or additions are necessary to the prior EIR, but none of the conditions calling for preparation of a subsequent or supplemental EIR have occurred (CEQA Guidelines §§ 15162, 15164). Once an EIR has been certified, a subsequent EIR is only required when the lead agency or responsible agency determines that one of the following conditions has been met:

- (1) Substantial changes are proposed in the project, or substantial changes occur with respect to the circumstances under which the project is undertaken, which require major revisions of the previous EIR due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects (CEQA Guidelines §15162(a)(1), (2));
- (2) New information of substantial importance, which was not known and could not have been known with the exercise of reasonable diligence at the time the previous EIR was certified as complete, shows any of the following:
  - a. The project will have one or more significant effects not discussed in the previous EIR;
  - b. Significant effects previously examined will be substantially more severe than shown in the previous EIR;
  - c. Mitigation measures or alternatives previously found not to be feasible would in fact be feasible and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or
  - d. Mitigation measures or alternatives which are considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative (CEQA Guidelines §15162(a)(3)).

If one or more of the conditions described above for a subsequent EIR exist, but only minor additions or changes would be necessary to make the previous EIR adequately apply to the project in the changed situation, then the lead agency may prepare a supplement to an EIR, rather than a subsequent EIR (CEQA Guidelines §15163(a)).

CEQA recommends that a brief explanation of the decision to prepare an addendum rather than a subsequent or supplemental EIR be included in the record (CEQA Guidelines §15164(e)). IRWD has evaluated the potential environmental impacts of the proposed modifications as set forth below in Section 1.3 of this Addendum No. 1. IRWD acting as the Lead Agency, has determined that none of the above CEQA conditions apply and that Addendum No. 1 to the adopted Final EIR is the appropriate environmental documentation for the proposed modifications and fully complies with CEQA, as described in the CEQA Guidelines.

An addendum does not need to be circulated for public review, but rather can be attached to the Final EIR (CEQA Guidelines §15164(c)). Prior to initiating the modified Project, the IRWD

Board of Directors will consider this Addendum No. 1 together with the adopted Final EIR and make a decision regarding the modified Project (CEQA Guidelines §15164(d)).

### **1.3 Modification Description**

The Baker WTP Project Final EIR identified that the preferred method of delivering treated water to the partner agencies would be through an existing connection to the Allen McCulloch Pipeline (AMP) onsite at the Baker WTP. The AMP is a major potable water transmission pipeline owned by MWD that bisects the Baker WTP Project site (Baker site). During review of the AMP connection with MWD, this point-of-delivery location was determined to be infeasible. Therefore, as described in the Final EIR, the treated water would be delivered to partner agencies via the South County Pipeline, which is located southwest of the Baker WTP in the Peachwood right-of-way (ROW) (see Figure 1). The Final EIR described and evaluated two potential alignments for a treated water pipeline to connect the Baker WTP to the South County Pipeline (see Treated Water Pipeline Option 1 and Option 2 in Figure 1). However, due to constraints on land acquisitions and easement acquisitions associated with these alignments, IRWD has since identified a new alignment that would maximize use of existing ROWs, eliminate the need for land acquisition, and avoid impacts to future development (see Modified Treated Water Pipeline Alignment in Figure 1). The modified treated water pipeline alignment would result in minor design changes to the PWPS located onsite at the Baker WTP. These modifications are described in more detail below.

#### **Treated Water Pipeline Alignment**

The proposed treated water pipeline alignment is shown in Figure 1. The modified alignment would run offsite from the south corner of the Baker site, crossing under the AMP and IRWD's Lake Forest Zone 1 and Zone 2 pipelines, and running parallel to the Project's sewer pipeline alignment for approximately 320 feet along the Serrano Creek Trail. Then the pipeline would run up the slope embankment, adjacent to IRWD's existing easement for two other potable water lines, and cross into the ROW of Forestwood. From Forestwood, the pipeline would continue west within the ROWs of Autumnwood, Palmwood Drive, and Peachwood where a connection to the South County Pipeline would be constructed near the Peachwood–Palmwood intersection. The total pipeline length would be approximately 3,200 linear feet (LF), with a diameter of 36 inches. An underground vault would be constructed near the intersection of Palmwood Drive and Sprucewood to house an isolation valve that will be installed on the treated water pipeline at the connection point to the South County Pipeline.

New easements would be required to accommodate the modified treated water pipeline alignment. IRWD would need to secure an easement from the County of Orange to expand its existing pipeline easements between the Baker site and Forestwood. IRWD also may need to secure an easement from the Serrano Highland Master Homeowner's Association that owns a parcel of land located between the Baker site and Valewood.

## **Product Water Pump Station**

As described in the Final EIR, the PWPS would pump treated water from the Baker WTP storage reservoirs to the South County Pipeline for delivery to the Project's partner water agencies. Due to the change in the pipeline alignment and point of delivery along the South County Pipeline, modifications to the mechanical design of the PWPS are required to accommodate an increased discharge pressure in the treated water pipeline. The footprint and design of the PWPS building would not change from that described in the Final EIR (page 2-12). The PWPS would continue to house five pumps (four duty and one standby) and have a capacity of 33 cfs; however, the size of each pump would increase to 450 HP from 300 HP. There would be no measurable environmental impacts associated with this modification, and as such the PWPS is not addressed further in this Addendum No. 1.

### **1.4 Construction Methods**

The treated water pipeline would be installed primarily using trench installation construction techniques as described in the Final EIR (pages 2-14 and 2-15). For installation of the pipeline where it crosses under the AMP and IRWD's Zone 1 and Zone 2 pipelines and runs along the Serrano Creek Trail, jack-and-bore construction methods may be used. Construction of this segment would require a temporary construction easement from the County of Orange (already identified in the Final EIR on page 2-17). To install the pipeline from the Serrano Creek Trail to city streets and within city streets, open trench methods would be utilized. Depth of excavation would be approximately six to eight feet to accommodate the 36-inch pipe with an engineered bed and cover. Once installed, the pipeline alignment would be returned to its previous condition along the entire length of the alignment.

### **1.5 Project Phasing and Schedule**

The treated water pipeline would be constructed at the same time as the Baker WTP. Construction duration would not change from that described in the Final EIR, taking approximately six months to complete, moving on average at a rate of 50 to 100 feet per day.

## **2.0 Incorporation by Reference**

Consistent with Section 15150 of the CEQA Guidelines, the following documents were used in the preparation of this Addendum and are incorporated herein by reference:

- Baker Water Treatment Plant Project Draft Environmental Impact Report, January 2011 (State Clearinghouse No. 2010051055).
- Baker Water Treatment Plant Project Final Environmental Impact Report, April 2011 (State Clearinghouse No. 2010051055).
- Technical Memorandum for Baker Water Treatment Plant – Product Water Delivery to South County Pipeline, RBF Consulting, December 1, 2011.

These documents are available for review during regular business hours at IRWD located at 15600 Sand Canyon Avenue, Irvine, California 92618-3102.

## **3.0 Analysis of Potential Environmental Impacts Associated with the Proposed Modification**

The proposed modification would not change the regulatory framework, impact discussion, mitigation measures, or significant conclusions for the following resource areas as currently described in the adopted Final EIR: Agricultural Resources, Air Quality and Greenhouse Gases; Hazards and Hazardous Materials; Hydrology and Water Quality; Public Services and Utilities.

### **3.1 Aesthetics**

The Final EIR concluded that potential impacts to the aesthetics of the Project area would be less than significant after mitigation. This section provides an analysis of the potential aesthetics impacts associated with the modification of the treated water pipeline alignment.

#### **3.1.1 Setting**

The corridor for the treated water pipeline would run onsite at the Baker WTP for 360 feet south, then through an open space area of Serrano Creek Trail for approximately 320 feet, where it would then turn northwest into Forestwood and continue within city streets. Surrounding land uses primarily consist of low density residential, public facility, community park/open space, and light industrial. Existing natural features in the vicinity of the Baker site include Serrano Creek and Serrano Creek Trail. The City of Lake Forest has not designated any scenic roadways or scenic vistas/viewpoints in the area surrounding the Project.

#### **3.1.2 Summary of Potential Impact**

As already analyzed Chapter 3.1 of the Final EIR (page 3.1-9), during pipeline construction, equipment would be visible from surrounding streets, including hilltop residential units located east of the Baker site. However, there are no City-designated scenic vistas in the vicinity of the Baker WTP and construction activities would be temporary. Upon completion of construction, the treated water pipeline would be located underground within Serrano Creek Trail and city streets and no longer visible. The modified pipeline would not impact scenic vistas.

The Final EIR analyzed the potential for Project pipelines to affect the visual character of the Project sites, including open space areas around Serrano Creek and adjacent to residential land uses (Final EIR page 3.1-10). A portion of the modified treated water pipeline would be constructed in this open space area, parallel to the Project sewer pipeline. As documented in the Final EIR, construction would affect the visual character of the pipeline corridor; however, once constructed the pipelines would be underground and would not alter permanently the visual character of the sites or their surroundings. Implementation of Mitigation Measure AES-2, as included in the Final EIR, would ensure that construction of the modified treated water pipeline would not substantially degrade the visual character of the pipeline alignment by requiring post-

construction site restoration, including restoring topography, vegetation, and repaving roadways. Impacts would be less than significant with mitigation.

### **3.1.3 Conclusion**

The Project would not result in a new significant impact or substantially increase the severity of an impact identified in the Final EIR. No mitigation is required beyond the existing commitments contained within the Mitigation Monitoring and Reporting Program (MMRP). Impacts to aesthetics would be less than significant with mitigation.

## **3.2 Biological Resources**

The Final EIR assessed potential impacts to biological resources and concluded that construction of the Project would have a less than significant impact with the incorporation of mitigation. The following discussion addresses potential impacts from the modified Project.

### **3.2.1 Setting**

The modified treated water pipeline alignment would cross the drainage channel at the south corner of the Baker WTP that is tributary to Serrano Creek. The crossing would be accomplished with jack and bore methods to avoid impacts to the drainage and creek. The modified pipeline would be located beneath the Serrano Creek Trail for approximately 320 feet, and then within the public ROW until it connects to the South County Pipeline in Peachwood. The portion of the alignment beneath the Serrano Creek Trail would be located within Non-Reserve Lands in the Central Subarea of the Orange County Natural Communities Conservation Program (NCCP).

### **3.2.2 Summary of Potential Impact**

The Final EIR assessed the potential impacts of Project implementation on sensitive species, riparian habitat, natural communities, wetlands, and compliance with local biological resource policies. The Final EIR concluded that with implementation of mitigation the Project would have less than significant impacts to biological resources. A portion of the new treated water pipeline alignment would parallel the previously-approved sewer pipeline alignment along Serrano Creek Trail adjacent to Serrano Creek. Impacts associated with installation of the new treated water pipeline in this open space area would be identical to those identified for the sewer pipeline. Because the previous Final EIR analyzed the impacts of a pipeline installation along the Serrano Creek Trail, there would be no new impacts associated with development of the modified treated water pipeline. With implementation of Mitigation Measures BIO-3, BIO-4, BIO-6 and BIO-10 identified in the Final EIR, the potential impacts to biological resources would be mitigated to less than significant levels.

### **3.2.3 Conclusion**

The Project would not result in a new significant impact not previously identified in the Final EIR, nor would it substantially increase the severity of an impact identified in the Final EIR. No mitigation is required beyond the existing commitments contained within the MMRP. Impacts to biological resources would be less than significant with mitigation.

## **3.3 Cultural Resources**

The Final EIR assessed potential impacts to cultural resources and concluded that construction of the Project would have a less than significant impact with incorporation of mitigation. The following discussion addresses potential impacts from the modified Project.

### **3.3.1 Setting**

An archaeological survey of the sewer pipeline alignment along Serrano Creek was conducted by an ESA archaeologist on June 25, 2010. A portion of the modified treated water pipeline would run parallel to the sewer pipeline alignment before crossing into paved city streets. Undeveloped land was systematically surveyed in transects of 20 meters or less and the ground surface subject to careful inspection for cultural resources. The surveys found no cultural resources within the pipeline alignments but concluded that due to the number of prehistoric archaeological sites in close proximity to the Project area, previously-unknown resources may be uncovered during excavation activities.

### **3.3.2 Summary of Potential Impact**

The Final EIR assessed the potential impacts of Project implementation on cultural and paleontological resources and determined that with implementation of mitigation the modified Project would have less than significant impacts to these resources. The area has been previously disturbed by the construction of the existing Baker Facility, existing pipelines, the adjacent housing development, and the Serrano Creek Trail. The Final EIR determined that due to the large number of prehistoric archaeological sites in close proximity to the Project area and its location along a reliable water source, the Project area has some archaeological sensitivity, particularly for prehistoric archaeological resources. With implementation of Mitigation Measures CUL-1, CUL-2, CUL-3 and CUL-4, the potential construction impacts to cultural resources and paleontological resources would be mitigated to less than significant. Because the Final EIR analyzed the portions of the modified treated water pipeline alignment that would be located on undeveloped, unpaved lands, no new impacts associated with development of the modified Project would occur. Therefore, with implementation of mitigation measures identified in the Final EIR, the potential construction impacts to cultural resources would be mitigated to less than significant levels.

### **3.3.3 Conclusion**

The Project would not result in a new significant impact or substantially increase the severity of an impact identified in the Final EIR. No mitigation is required beyond the existing commitments contained within the MMRP. Impacts to cultural resources would be less than significant with mitigation.

## **3.4 Geology, Soils and Mineral Resources**

The Final EIR assessed potential impacts associated with geologic events and concluded that construction and operation of the proposed Project would have a less than significant impact with

incorporation of mitigation. The following discussion addresses potential impacts from the modified Project.

### **3.4.1 Setting**

The Project area lies within a region of California referred to as the Peninsular Ranges geomorphic province. The Peninsular Ranges consist of a series of ranges that are separated by northwest trending valleys, subparallel to faults branching off of the San Andreas Fault. The trend of topography is similar to the Coast Ranges, but the geology is more like the Sierra Nevada, with granite rock intruding the older metamorphic rocks. The province extends into lower California and is bound on the east by the Colorado Desert Province (Final EIR, 2011).

### **3.4.2 Summary of Potential Impact**

The Final EIR assessed the potential impacts of Project implementation associated with geologic hazards and seismic events, including seismic ground shaking, landslides and liquefaction, subsidence, expansive soils, and erosion. With the implementation of Mitigation Measures GEO-1 and GEO-2, impacts associated with these hazards would be reduced to less than significant levels. The modified pipeline alignment would be located within the Project area analyzed in the Final EIR. Similar to the sewer pipeline, a portion of the treated water pipeline would be located within an area of potential liquefaction around Serrano Creek. Implementation of Mitigation Measure GEO-2 would apply to the modified pipeline alignment and would mitigate potential impacts associated with liquefaction and other hazards such as expansive soils to less than significant levels. In addition, implementation of the best management practices recommended in Mitigation Measure GEO-1 would minimize impacts associated with erosion and sedimentation during construction of the pipeline to less than significant levels.

### **3.4.3 Conclusion**

The Project would not result in a new significant impact or substantially increase the severity of an impact identified in the Final EIR. No mitigation is required beyond the existing commitments contained within the MMRP. Impacts to geology, soils and mineral resources would be less than significant with mitigation.

## **3.5 Land Use, Planning and Recreation**

The Final EIR assessed potential impacts to land use and recreation and concluded that construction and operation of the approved Project would have a less than significant impact with incorporation of mitigation. The following discussion addresses potential impacts from the modified Project.

### **3.5.1 Setting**

The modified Project is located in the City of Lake Forest. The modified treated water pipeline alignment would require expansion of an easement for the portion of the pipeline alignment between the Baker WTP and Forestwood, in the vicinity of Serrano Creek Trail. A new easement from the Serrano Highland Homeowners Association also would be required for the portion of the



pipeline that runs between Serrano Creek Trail and Forestwood. The current land use designation for the modified pipeline alignment is Regional Park/Open Space and Low-Medium Density Residential, (Final EIR, 2011).

### **3.5.2 Summary of Potential Impact**

Water and wastewater transmission facilities are not subject to city building or zoning ordinances, per Government Code 53091, and therefore a site development permit would not be required for the modified treated water pipeline. A portion of the modified treated water pipeline alignment would be located in a similar location as the sewer pipeline, along the Serrano Creek Trail. To avoid impacts to public use of the trail during construction and installation of the pipeline, implementation of a trail detour plan as described in Mitigation Measure LU-1 in the Final EIR would reduce impacts to recreational facilities to less than significant levels. Once the pipeline is installed, the trail would be restored to pre-construction conditions as required by Mitigation Measure AES-2, also as described in the Final EIR, such that there would be no long-term permanent impacts to recreational facilities. Installing the pipeline within existing public ROWs would not conflict with current zoning and land use designations. Therefore, with implementation of mitigation measures identified in the Final EIR, the potential construction impacts associated with land use conflicts would be mitigated to less than significant.

### **3.5.3 Conclusion**

The modified Project would not result in a new significant impact or substantially increase the severity of a previously identified significant impact. No mitigation is required beyond the existing commitments contained within the MMRP. Impacts to land use and recreation would be less than significant with mitigation.

## **3.6 Noise and Vibration**

The Final EIR assessed potential impacts to sensitive receptors due to Project noise and vibration and concluded that construction and operation of the approved Project would have a less than significant impact with incorporation of mitigation. The following discussion addresses potential impacts from the modified Project.

### **3.6.1 Setting**

The modified treated water pipeline alignment would be located in an area consisting of open space and residential land uses. The nearby residences qualify as noise sensitive land uses and would potentially be exposed to noise generated from Project activities. The distance from the modified pipeline construction activities to the closest residences would be approximately 30 feet.

### **3.6.3 Summary of Potential Impact**

Construction activities would create a temporary increase in ambient noise levels in the immediate vicinity of the construction zone. The nearest sensitive receptor to pipeline construction activities would be approximately 30 feet from the modified treated water pipeline alignment. The Final EIR found the greatest noise levels associated with excavation and finishing

and would be 89 dBA at a distance of 50 feet and evaluated the impact of the sewer pipeline installation 30 feet from residential land uses. Installation of the modified treated water pipeline would result in construction noise impacts similar to those analyzed for the sewer pipeline. An average of 50 to 100 feet of pipeline would be installed per day; therefore sensitive receptors would be exposed to pipeline construction noise only for up to two weeks. The modified Project would parallel the previously-analyzed sewer pipeline alignment for the first segment and then run within the existing public ROW, 30 feet from the nearest sensitive receptors. With implementation of Mitigation Measures NOISE-1 and NOISE-2 identified in the Final EIR, potential construction noise impacts on sensitive receptors would be mitigated to less than significant levels. Once constructed and operational, the modified pipeline would be underground and would have no impacts due to noise or vibration.

### **3.6.3 Conclusion**

The modified Project would not result in a new significant impact or substantially increase the severity of a previously identified significant impact. No mitigation is required beyond the existing commitments contained within the MMRP. Impacts to sensitive receptors associated noise and vibration are less than significant with mitigation.

## **3.7 Transportation and Traffic**

The Final EIR assessed potential impacts to traffic and concluded that construction and operation of the approved Project would have a less than significant impact with incorporation of mitigation. The following discussion addresses potential impacts from the modified Project.

### **3.7.1 Setting**

The majority of the modified treated water pipeline would be installed within city streets. Forestwood, Autumnwood, and Palmwood Drive are local feeder streets that serve a residential area. Peachwood conveys local traffic to arterial roadways within the City of Lake Forest.

### **3.7.2 Summary of Potential Impact**

The modified treated water pipeline would be installed within city street ROWs and would temporarily slow traffic serving the local residential community. The two optional treated water pipeline alignments analyzed in the Final EIR affected different streets in the neighborhood adjacent to the Baker site. However, impacts associated with construction would be similar to those described in the Final EIR (pages 3.12-9 and 3.12-10). Mitigation Measure TR-1 would require a Traffic Control/Traffic Management Plan to be implemented during pipeline construction. At least one lane of traffic would be maintained within the streets at all times. Access to each driveway within the city streets would be maintained during installation. As a result, the temporary impacts to traffic would be less than significant with mitigation.

### **3.7.3 Conclusion**

The modified Project would not result in a new significant impact or substantially increase the severity of a previously identified significant impact. No mitigation is required beyond the

existing commitments contained within the MMRP. Impacts to traffic and circulation are less than significant with mitigation.

## 4.0 Summary of Environmental Effects

As discussed above in this Addendum, the proposed modifications would not change the conclusions of the certified Final EIR. The construction and operation of the proposed modified treated water pipeline would meet the same objectives of improving water reliability to areas of south Orange County, providing a reliable local water supply in the event of emergency conditions or scheduled maintenance of the MWD delivery system; increased operational flexibility by creating redundancy within the raw water supply system.

No new potentially significant impacts would occur, and the Project would not increase the severity of previously identified significant impacts. The proposed modifications to the previously-approved Project do not meet any of the conditions that would require the preparation of a subsequent EIR or negative declaration set forth in Section 15162 of the CEQA Guidelines or any of the conditions set forth in Section 15163 of the CEQA Guidelines.

## 5.0 Determination

Section 15164(a) of the CEQA Guidelines states the following:

“The lead agency or responsible agency shall prepare an addendum to a previously certified EIR if some changes or additions are necessary but none of the conditions described in Section 15162 calling for the preparation of subsequent EIR have occurred.”

The proposed modifications to the original Project would not result in new significant environmental effects or a substantial increase in the severity of previously identified significant effects. Furthermore, new information associated with the proposed modifications do not indicate that the Project will have one or more significant effects not discussed in the adopted Final EIR; that significant effects previously examined will be substantially more severe than shown in the adopted Final EIR; that mitigation measures or alternatives previously found not to be feasible would in fact be feasible; or that mitigation measures or alternatives which are considerably different from those analyzed in the adopted Final EIR would substantially reduce one or more significant effects on the environment, but the Project proponents decline to adopt the mitigation measures or alternative. Accordingly, an addendum has been prepared as opposed to a supplemental or subsequent EIR. IRWD is adopting this Addendum No. 1 in accordance with the CEQA Guidelines (§15164).

### Irvine Ranch Water District

\_\_\_\_\_  
Signature

Christian Kessler  
Printed Name

\_\_\_\_\_  
Date

Assistant Engineer/Planner  
Title