

Notice of Determination

Appendix D

TO:

Office of Planning and Research
P.O. Box 3044
Sacramento, CA 95812-3044

County Clerk
County of Yolo
625 Court Street, Room B01
Woodland, CA 95695

FROM:

Woodland-Davis Clean Water Agency
c/o Davis Public Works
1717 5th Street
Davis, Ca 95616
(530) 757-5673

FILED
YOLO COUNTY CLERK/RECORDER
JUN 20 2014
BY FREDDIE OAKLEY, CLERK
DEPUTY
JOSIE RAMIREZ

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): 2006042175

Project Title: Davis-Woodland Water Supply Project ("DWWSP")

Project Location (include county): Yolo County (see 2007 DWWSP EIR for more-detailed description)

Project Description: Sacramento River diversion, conveyance pipelines, water treatment plant and distribution pipelines (see 2007 DWWSP EIR for more-detailed project description).

This is to advise that on June 19, 2014, the Woodland-Davis Clean Water Agency ("WDCWA"), acting as CEQA lead agency, approved addendum #7 to the EIR for the DWWSP that the City of Davis (then acting as CEQA lead agency) certified on October 16, 2007. In its Resolution No. 2014-08, WDCWA approved addendum #7 and found and determined that, considering the changes in the project are described in addendum #7, the 2007 EIR remains adequate and no subsequent EIR or further CEQA review is required for the DWWSP.

This is to certify that copies of WDCWA Resolution No. 2014-08 and the approved CEQA addendum are available to the General Public at: Woodland-Davis Clean Water Agency, c/o Davis Public Works, 1717 5th Street, Davis, CA 95616.

Signature (Public Agency) *Dianne Melchior for Dennis* Title: General Manager
(Mr. Dennis M. Diemer)

Date: June 20, 2014 Date Received filing at OPR: _____

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Signature (Public Agency) *Syvanne Melchior for Dennis* Title: General Manager
(Mr. Dennis M. Diemer)

Date: June 20, 2014 Date Received filing at OPR: _____

POSTED JUN 20 2014 7/20/14

N14-44

RESOLUTION NO. 2014-08

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE WOODLAND-DAVIS CLEAN WATER AGENCY
APPROVING CEQA ADDENDUM NO. 7 TO PROJECT FINAL EIR
CONCERNING CHANGES TO CONSTRUCTION WORK HOURS AND
DAVIS TREATED WATER PIPELINE ALIGNMENT, AND
MAKING RELATED FINDINGS**

WHEREAS, in 2007, prior to formation of the Woodland-Davis Clean Water Agency ("Agency"), the City of Davis certified the Davis-Woodland Water Supply Project Final Environmental Impact Report ("Final EIR") pursuant to the California Environmental Quality Act and CEQA Guidelines ("CEQA") and the Cities of Davis and Woodland approved the Davis-Woodland Water Supply Project ("Project") for CEQA purposes;

WHEREAS, the Cities of Davis and Woodland approved a Joint Powers Agreement forming the Agency in 2009, in order for the Agency to pursue the development of the Project and, pursuant to the Joint Powers Agreement, the Agency has assumed the CEQA lead agency role for the Project;

WHEREAS, since 2007, as the Agency has further refined and designed the Project, there have been some Project modifications and other Project-related changes that the Agency has previously evaluated under CEQA in Final EIR Addenda Nos. 1 through 6;

WHEREAS, since 2007, the Agency staff and engineers have continued to evaluate the most appropriate location for the Project water pipelines and the preferred Davis treated water pipeline alignment has changed from the 2007 project description;

WHEREAS, the Agency construction contractor recently requested a modification of the permitted hours of construction work under the design-build-operate Service Contract;

WHEREAS, in light of these proposed Project-related changes, the Agency staff and its environmental consultant have prepared Final EIR Addendum No. 7 to evaluate whether the pipeline alignment and construction work hour changes result in new significant impacts beyond those already identified and mitigated in the Final EIR or result in substantially more severe impacts than disclosed in the Final EIR; and,

WHEREAS, Addendum No. 7 concludes that the pipeline alignment and construction work hour changes will not result in any new or more severe impacts than those discussed in the Final EIR and that none of the conditions or circumstances that would require preparation of a subsequent or supplemental EIR pursuant to Public Resources Code Section 21166 and CEQA Guidelines section 15162 exists for the proposed Project;

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Woodland-Davis Clean Water Agency as follows:

1. The Board approves Addendum No. 7 in the form presented at this meeting.

2. The Board has reviewed and considered Addendum No. 7 in light of the Final EIR. In accordance with Public Resources Code section 21166 and CEQA Guidelines section 15162, and based on the Final EIR and Addendum No. 7, the Board finds and determines as follows:

a. The potential environmental effects of the Project have been analyzed, considered and mitigated through the Final EIR.

b. In Addendum No. 7, the Agency has evaluated and considered the pipeline alignment and construction work hour changes (as described in the addendum) and analyzed the changes. Addendum No. 7 concludes that the changes do not involve new significant environmental effects or a substantial increase in the severity of previously identified significant effects.

c. The Board is not aware of any other new information of substantial importance that discloses that the Project will have other or more severe significant environmental effects not previously discussed or that previously rejected or other mitigation measures or alternatives are now feasible and effective.

d. Therefore, the Final EIR remains adequate and no subsequent EIR or further CEQA environmental analysis is required for the Project with the pipeline alignment and construction work hour changes.

4. The Board modifies the description of the Project by revising the location of the Davis treated water pipeline as shown and described in Addendum No. 7.

5. The Board revises Final EIR Mitigation Measure 3.9-1a in the form as set forth in Addendum No. 7. Regarding the proposed change of the construction work hours, the Board acknowledges that Agency Resolution No. 2013-13 authorizes the General Manager to approve a change order amending the hours of work limitations in the Service Contract.

6. The Board authorizes and directs the General Manager to prepare and file a CEQA Notice of Determination reflecting this determination.

PASSED AND ADOPTED by the Board of Directors of the Woodland-Davis Clean Water Agency on this 19th day of June 2014 by the following vote:

AYES: *J. Krovoza, W. Marble, S. Davies, B. Lee*
NOES: *none*
ABSTAIN: *none*
ABSENT: *none*

By:

Joseph Krovoza
Joseph Krovoza, Chair

Attest:

Lynanne Mehlhaff
Lynanne Mehlhaff, Secretary

DAVIS-WOODLAND WATER SUPPLY PROJECT

Environmental Impact Report Addendum No. 7
State Clearinghouse No. 2006042175

Prepared for
Woodland-Davis Clean Water Agency

June 2014



DAVIS-WOODLAND WATER SUPPLY PROJECT

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Prepared for
Woodland-Davis Clean Water Agency

June 2014



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Suite 200
Sacramento, CA 95816
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SECTION 1

Background and Purpose of this Addendum

1.1 Background

The Cities of Davis, Woodland, and the University of California, Davis (UC Davis) (Project Partners) propose to implement the Davis Woodland Water Supply Project (DWWSP or proposed project). The proposed project involves development of a new surface water supply for the Project Partners and consists of: an intake/diversion structure on the Sacramento River, a raw water conveyance pipeline between the intake/diversion structure to a new regional water treatment facility (RWTF), with distribution pipelines conveying treated surface water from the water treatment plant to each of the three Project Partners. Other local improvements such as local distribution pipelines and storage facilities will be constructed independently by each Project Partner. The project also includes the acquisition of a new water right permit for the diversion and use of surface water from the Sacramento River, and the purchase from the Conaway Preservation Group and transfer of a portion of existing water right permits and contractual entitlements, and possibly one or more other water transfers, that will allow the DWWSP to divert water during periods when surface water diversions from the Sacramento River under the DWWSP's water right permit will be constrained.

With the City of Davis as the lead agency, the Project Partners prepared an Environmental Impact Report (EIR) on the DWWSP (State Clearinghouse (SCH) # 2006042175) in accordance with the requirements of the California Environmental Quality Act (CEQA). The Notice of Preparation (NOP) for the EIR was published on April 28, 2006 and circulated to the public, local, state and federal agencies, and other interested parties. In addition to the 45-day public and agency comment period, public scoping sessions were held on May 18, 2006 in Woodland and May 22, 2006 in Davis. The Draft EIR was published on April 9, 2007 and circulated for public and agency review for a 76-day public review period ending June 25, 2007. Two public meetings on the Draft EIR were held by City of Davis on April 23 and May 2, 2007 and one public meeting was held by the City of Woodland on May 16, 2007. On October 16, 2007, the City of Davis, as acting CEQA lead agency, adopted Resolution No. 07-168, Series 2007, which certified the final EIR, adopted CEQA findings, a statement of overriding considerations and a mitigation monitoring and reporting program, and approved the DWWSP. On November 6, 2007, the City of Woodland, acting as a CEQA responsible agency, adopted Resolution No. 4878, which adopted CEQA findings and the mitigation monitoring and reporting program and approved the DWWSP.

Since the certification of the EIR, the Cities of Woodland and Davis have formed the Woodland Davis Clean Water Agency (WDCWA), a joint powers authority (JPA), to implement the DWWSP. WDCWA has proceeded with implementation of the DWWSP, including additional project planning in support of the engineering design and project construction phases, financial planning, property

acquisition, and acquisition of project permits and approvals. On April 21, 2011, the WDCWA, acting as CEQA lead agency, approved an addendum (addendum #1) to the EIR for the DWWSP that the City of Davis (then acting as CEQA lead agency) certified on October 16, 2007. Addendum #1 provided an assessment of changes to Delta water and aquatic resources since the 2007 DWWSP EIR as well as minor refinements to an element of the DWWSP involving the proposed water transfer from the Conway Preservation Group (CPG) to the DWWSP. In its Resolution No. 2011-03, WDCWA approved addendum #1 and found and determined that no subsequent EIR or further CEQA review was required. On June 21, 2012, WDCWA approved addendum #2 with Resolution No. 2012-01, which provided an assessment of changes to the location of the proposed RWTF. On October 18, 2012, WDCWA approved Addendum #3 with Resolution No. 2012-03, related to minor revisions to the project raw water and Woodland finished water pipeline alignments. On December 20, 2012, WDCWA approved Addendum #4 with Resolution No. 2012-04, related to minor revisions to the Davis finished water pipeline alignment. On October 10, 2013, WDCWA approved Addendum #5 with Resolution No. 2013-12, related to updated air quality emissions modeling. On January 16, 2014, WDCWA approved Addendum #6 with Resolution No. 2014-05, related to the need for additional solids drying facilities to support operations at the RWTF and the preparation of an updated floodplain modeling assessment.

Since certification of the Final DWWSP EIR in 2007, and approval of Addenda #1 through #6, design refinements have been proposed for the southern portion of the City of Davis treated water pipeline alignment. In addition, changes related to the construction work hours for the project have been proposed. As a result the WDCWA has prepared this addendum #7 to the 2007 DWWSP EIR.

1.2 Purpose of the EIR Addendum

According to Section 15164(a) of the CEQA Guidelines, the lead agency or a 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 requiring preparation of a subsequent EIR have occurred. Section 15162 of the Guidelines lists the conditions that would require the preparation of a subsequent EIR rather than an addendum. These include the following:

1. Substantial changes are proposed in the project which will require major revisions of the previous EIR or negative declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects;
2. Substantial changes occur with respect to the circumstances under which the project is undertaken which will require major revisions of the previous EIR or negative declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects; or
3. New information of substantial importance, which was not known and could not have been known with the exercise of reasonable diligence at the time of the previous EIR was certified as complete or the negative declaration was adopted, shows any of the following:
 - a. The project will have one or more significant effects not discussed in the previous EIR or negative declaration;
 - 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.

This Addendum documents that the proposed project changes do not trigger any of the Section 15162 conditions described above, and that the preparation of an addendum therefore is appropriate.

SECTION 2

Description of Project Changes

2.1 Project Overview

The DWWSP involves development of a new surface water supply for the Project Partners and consists of: an intake/diversion structure on the Sacramento River, a raw water conveyance pipeline between the intake/diversion structure and a new RWTF with distribution pipelines conveying treated surface water from the water treatment plant to each of the three Project Partners. Other local improvements such as local distribution pipelines and storage facilities within each of the Project Partners service area will be required by each Project Partner.

2.2 Revised Project Description

2.2.1 Davis Finished Water Transmission Main Pipeline

Figure 1 shows the layout of the proposed project as analyzed in the 2007 DWWSP EIR. The approved project is described in Chapter 2 of the 2007 DWWSP EIR. Figure 2-9 of the 2007 DWWSP EIR shows the proposed Davis finished water transmission main pipeline heading east from the proposed RWTF and south along an existing farm road to the intersection of County Road 25 and County Road 103, then south along the edge of County Road 103 to just north of County Road 28H. The finished water transmission main would then run west along County Road 28H and then immediately south along County Road 102/Pole Line Road until the terminus of the transmission main on property owned by the City of Davis (**Figure 1**). This alignment was further revised in 2007 DWWSP EIR Addendum #4 and illustrated in **Figure 2** below. As shown in Figure 2, the modified transmission main alignment continues south through the Willow Slough Bypass and agricultural (grazing) land, and west along the south side of an existing farm road through agricultural lands until connecting with the original proposed alignment adjacent to County Road 102/Pole Line Road north of the City of Davis urban area.

New modifications to the Davis finished water transmission main pipeline are proposed to minimize the impact on traffic on County Road 102. Specifically, the Davis finished water transmission main pipeline is proposed to be located just east of County Road 102 heading south to the termination point in County Road 102 right-of-way at the northern limits of the City of Davis (**Figure 3**). All construction adjacent to County Road 102 will be by open cut construction method within an easement currently being acquired by the WDCWA. The easement that the Agency will be acquiring is a 50-foot wide permanent easement and a 20-foot wide temporary construction easement. There is additional permanent easement for the approximately 120 square foot masonry

metering and sampling building that will house the sampling equipment, instrument panel and SCADA equipment (**Figure 4** and **Figure 5**). There may be a small diameter pipeline crossing County Road 102 (either open cut or trenchless based on County requirements) to tie a drain line from the masonry building into the City of Davis sewer pipeline manhole located on the west side of County Road 102.

2.2.2 Change in Construction Hours

The hours of construction activities for the DWWSP are limited by the Mitigation Measures stipulated in the EIR. Specifically, Mitigation Measure 3.9-1a limits the hours of construction within the unincorporated areas of Yolo County to 7:00 a.m. and 7:00 p.m. Monday through Friday, and only interior construction is allowed between 7:00 a.m. and 7:00 p.m. on Saturday. Construction hours within the jurisdiction of the City of Woodland are limited to 7:00 a.m. to 6:00 p.m. Monday through Saturday, and between 9:00 a.m. and 6:00 p.m. on Sunday.

The WDCWA proposes to change these stipulated hours for construction activities in both the City of Woodland and within the unincorporated County of Yolo to between 5:00 a.m. to 6:00 p.m. Monday through Saturday and 8:00 a.m. to 6:00 p.m. on Sunday with the exception of the following construction activities:

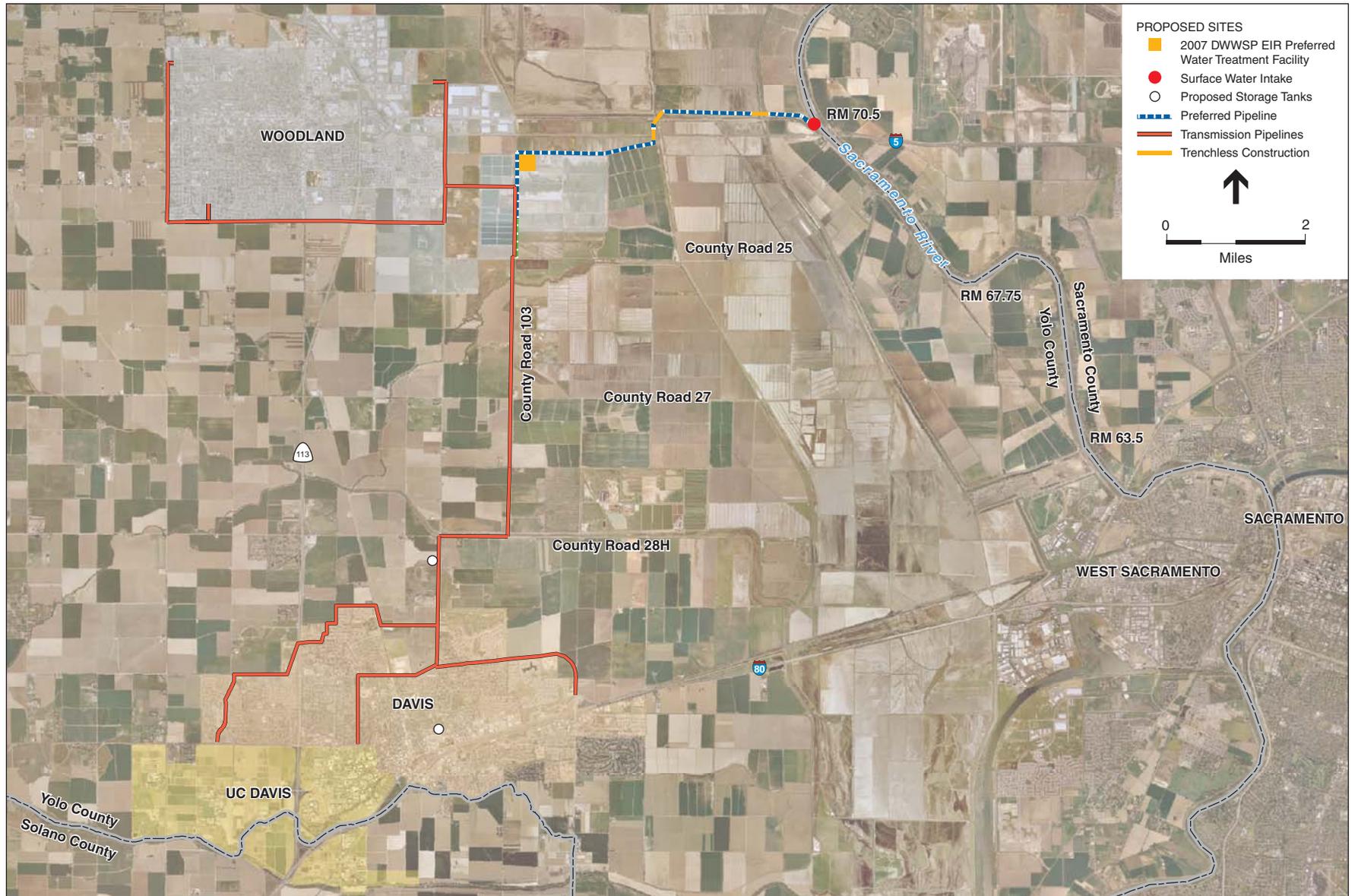
- Construction activities along County Road 22 though the Yolo Bypass may occur on a 24 hour basis 7 days a week to ensure that all work can be completed within the planned 60 day closure.
- County Road 28H in the vicinity of the Willow Slough Bypass may be closed for up to 14 calendar days. Construction activities at this location are proposed to occur on a 24 hour basis 7 days a week to ensure that all work can be completed within the planned 14 day closure.
- Construction activities associated with the two trenchless crossings at the Yolo Bypass using Horizontal Directional Drilling, the two trenchless crossings under Interstate 5 using Jack & Bore methods and the Conaway/High Line Canal crossing at County Road 25 may occur on a 24 hour basis 7 days a week to mitigate issues with stopping and starting at all 5 of these trenchless crossings.

The proposed change in construction hours provides WDCWA and its contractors with the flexibility to accommodate changes in regional weather conditions and daylight work hours. Allowing work to start earlier during the summer months will help mitigate health and safety issues of construction workers, inspectors and supervisory personnel as temperatures increase throughout the work day. Performing work in lower temperatures will not only result in a health and safety benefit but it will also aid in improving worker efficiency and the resultant quality of work. In addition, the proposed changes would minimize the length of necessary road closures.

Construction will occur on a typical 5 day work week (Monday through Friday) with an 8 hour work shift from 6:00 a.m. to 2:30 p.m. during the summer months with concrete crews coming in and commencing pours as early as 5:00 a.m. During the winter months when daylight occurs later

in the morning the contractor will change the start of the shift. Except for work within the Yolo Bypass, County Road 28H and miscellaneous work at the RWTF, work on Saturday and Sunday will be limited.

All work can be completed within these revised work hours but there could be some events where large concrete pours could extend beyond 6:00 p.m. on Monday through Friday and in those isolated cases appropriate notice will be given.



SOURCE: GlobeXplorer, 2006; West Yost & Associates, 2006; and ESA, 2012

Davis-Woodland Water Supply Project EIR Addendum No. 7 . 210676

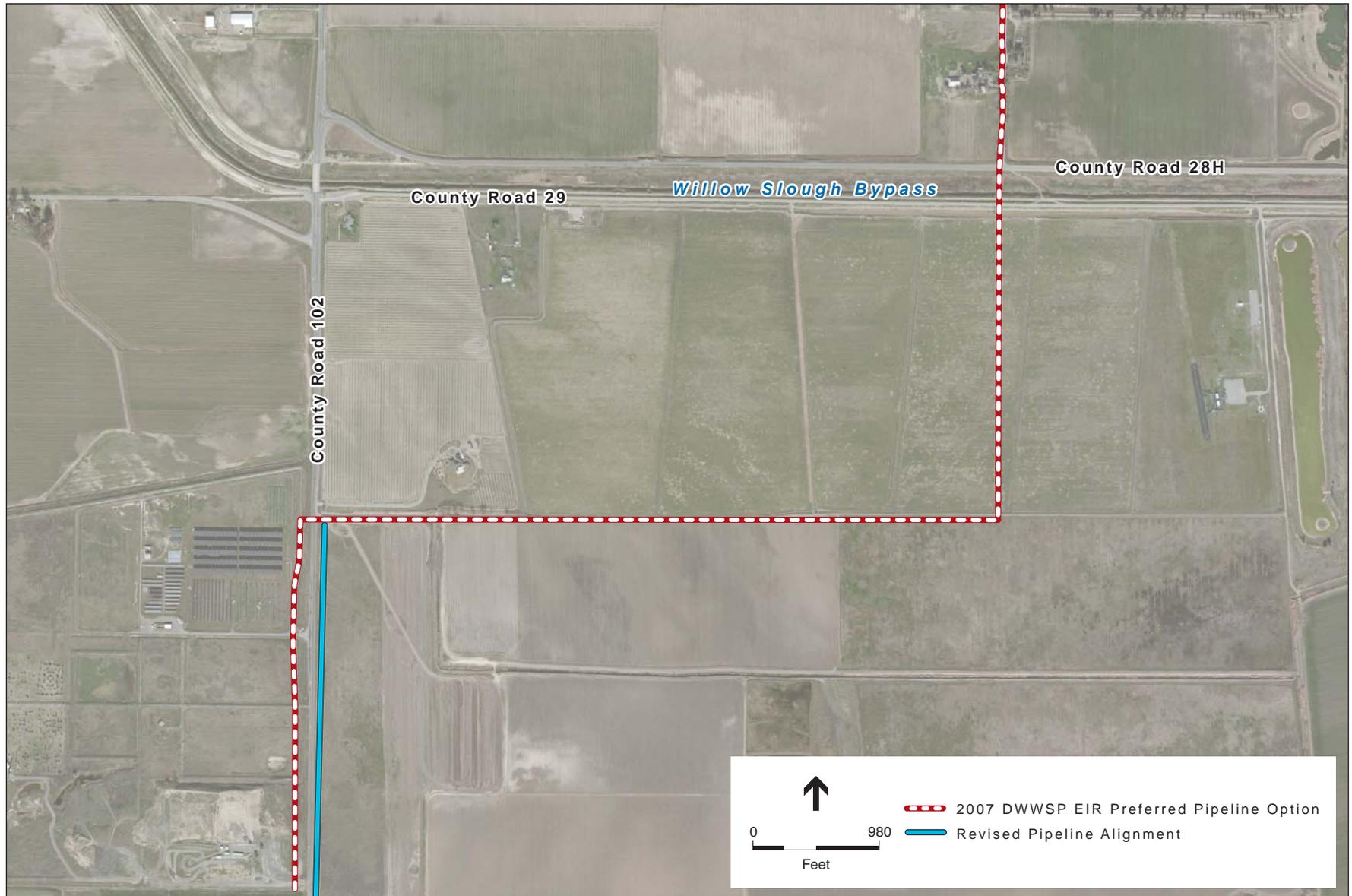
Figure 1
2007 DWWSP Final EIR Figure 1-3 - Preferred Project



SOURCE: USDA, 2012; West Yost & Associates, 2012; and ESA, 2012

Davis-Woodland Water Supply Project EIR Addendum No. 7 . 210676

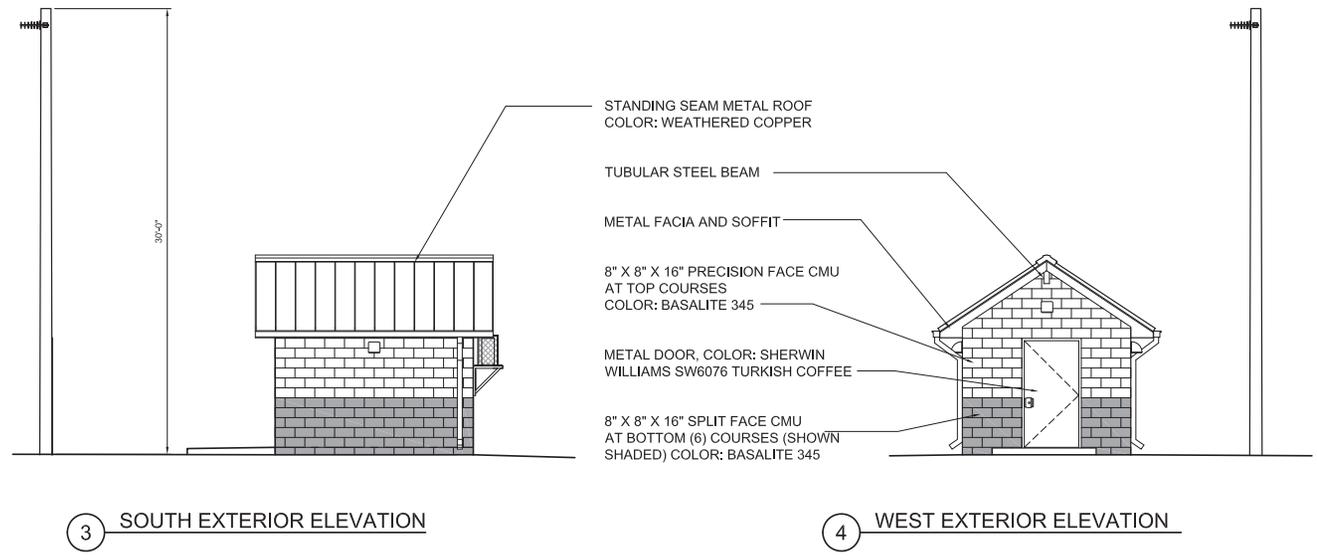
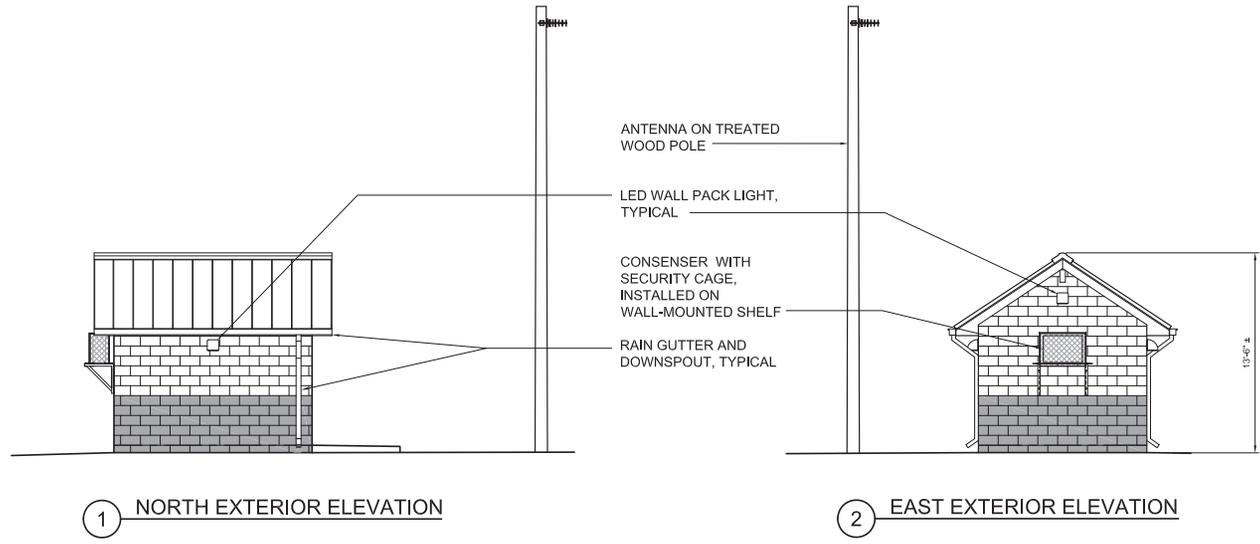
Figure 2
 DWWSR Addendum #4 Figure 2 -
 Revised Davis Finished Water Transmission Main Pipeline Alignment



SOURCE: USDA, 2012; West Yost & Associates, 2012; ESA, 2014

Davis-Woodland Water Supply Project EIR Addendum No. 7 . 210676

Figure 3
Revised Davis Finished Water Transmission Main Pipeline Alignment



SECTION 3

Analysis of Potential Environmental Effects

3.1 Introduction

The 2007 DWWSP EIR evaluated the following environmental issues: surface and groundwater resources, hydrology and water quality, land use and agriculture, geology, soils, and seismicity, air quality, noise, hazards and hazardous materials, public health, transportation, public services and utilities, cultural resources, recreation, aesthetics, growth inducing effects, and cumulative effects. These issues are re-evaluated in this addendum in light of the proposed changes to the project description. This evaluation determines whether, with these changes, implementation of the proposed project will result in any new significant impacts or substantially more severe impacts than identified in the 2007 DWWSP EIR. The 2007 DWWSP EIR (Section 3.0, Environmental Analysis) describes the criteria that were used to determine the significance of environmental impacts. All mitigation measures identified in the 2007 DWWSP were subsequently adopted by the DWWSP Partners as conditions of project approval. All applicable measures also will apply to the project changes described in this addendum.

The analysis contained in this addendum is focused only on the proposed changes to the Davis treated water transmission pipeline and proposed changes in the hours of construction. Because the primary changes to the proposed project are limited to the physical location of the pipelines, operation of the proposed project would remain unchanged from the analysis contained within the 2007 DWWSP EIR. Specifically, impacts associated with construction of other project facilities, including the proposed intake and RWTF would not be affected by the proposed minor changes in location of project pipelines. Impacts related to Public Health, specifically related to substituting existing groundwater supplies with Sacramento River water, would also not be affected by the proposed change in location of project pipelines. The analysis related to the proposed change in construction hours will focus solely on noise impacts. Therefore, the changes associated with the revised pipeline alignment and change in construction hours are limited to the site specific construction impact issue areas addressed in the 2007 DWWSP EIR. For this reason, all other DWWSP facilities, including the joint intake and associated discussion of surface water, fisheries biological resources, public health, the proposed RWTF, storage tanks and other ancillary facilities, remain unchanged from the 2007 DWWSP EIR and therefore are not discussed further in this addendum.

3.2 Effects Related to Changes in the Proposed Project

There were no unmitigated significant impacts identified in the 2007 DWWSP EIR for any of the CEQA resource topics with the exception of construction related air quality emissions. However, each CEQA resource topic is re-evaluated below to determine whether the proposed modifications to the proposed project pipelines will result in any new significant impacts or substantially more severe impacts than those described in the 2007 DWWSP EIR.

3.2.1 Groundwater Hydrology and Quality

Section 3.3 of the 2007 DWWSP EIR concluded that construction of the Davis finished water transmission main pipeline could potentially require dewatering of shallow groundwater during excavations. Groundwater withdrawn from the construction areas would also be subsequently discharged to local waterways or drainage ditches, or via land application. These discharges may contain sediments, dissolved solids, salts, and other water quality constituents found in the shallow groundwater, which could degrade the quality of receiving waters. These potentially significant impacts would be mitigated to less than significant with the implementation of Mitigation Measure 3.3-1a through 3.3-1d, which would require groundwater quality monitoring in addition to applying for, and obtaining, a National Pollutant Discharge Elimination System (NPDES) Permit and the preparation of a Storm Water Pollution Prevention Plan (SWPPP). All other construction and operational impacts related to groundwater hydrology and quality, including reduction in local groundwater infiltration and recharge or impacts to existing groundwater levels, were determined to be less than significant because the proposed project would reduce groundwater pumping by the Project Partners.

The proposed modifications to the Davis finished water transmission main pipeline could result in similar less than significant impacts to groundwater hydrology and quality, as described in the 2007 DWWSP EIR. Because construction of the proposed pipelines would comply with Mitigation Measure 3.3-1a through 3.3-1d, potentially significant groundwater impacts associated with construction phase dewatering would be mitigated to less than significant. As a result, there are no changes in the environmental setting or project characteristics that would raise important new groundwater hydrology and quality impacts. Therefore, proposed project changes would not alter the conclusions of the 2007 DWWSP EIR, result in any new significant impacts, or substantially increase the severity of the previously identified groundwater hydrology and quality impacts.

3.2.2 Drainage and Floodplains

Section 3.4 of the 2007 DWWSP EIR concluded that potentially significant drainage and floodplains impacts related to the Davis finished water transmission main pipeline would be limited to construction phase soils erosion, potentially contaminated run-off associated with construction, and potential impacts associated with the siting of project facilities in the 100-year flood zone. These impacts would be mitigated to less than significant with the incorporation of

2007 DWWSP Mitigation Measure 3.3-1a and 3.3-1b, which includes compliance with a SWPPP and related best management practices, Mitigation Measure 3.4-2 which requires preparation of a drainage plan to reduce operational impacts associated with flooding and stormwater flows, Mitigation Measure 3.4-5b and 3.4-8 which requires that levee integrity be maintained and consultation with local Reclamation Districts prior to construction in areas with existing levees, and Mitigation Measure 3.4-6 and 3.5-7 which include measures to reduce water quality impacts during construction phase trenching, tunneling, and dewatering activities.

The proposed modifications to the Davis finished water transmission main pipeline alignment could result in similar impacts to drainage and floodplains as those described in the 2007 DWWSP EIR. Specifically, construction related soils erosion and potentially contaminated runoff associated with construction activities would be mitigated to less than significant with the incorporation of Mitigation Measure 3.3-1a, 3.3-1b 3.4-6, and 3.5-7. Post construction impacts associated with drainage, flooding, and impacts to existing levees would be mitigated to less than significant with the incorporation of Mitigation Measure 3.4-2, 3.4-5b and 3.4-8. As a result, there are no changes in the environmental setting or project characteristics that would raise important new drainage and flood plain impacts. Therefore, proposed project changes would not alter the conclusions of the 2007 DWWSP EIR, result in any new significant impacts, or substantially increase the severity of the previously identified drainage and flood plain impacts.

3.2.3 Land Use and Agriculture

Section 3.5 of the 2007 DWWSP EIR noted that, in general, land use and agricultural impacts associated with project pipelines would be limited to temporary construction impacts, primarily limited to public roadways and agricultural areas. After pipeline construction has been completed, roads and agricultural lands would be returned to pre-project conditions. Potentially significant impacts to land use and agricultural resources would be mitigated to less than significant with the incorporation of Mitigation Measure 3.5-4a and 3.5-4b, which include minimum depth requirements for the installation of pipelines in agricultural areas and the establishment of an agricultural conservation easement for permanent displacement of agricultural lands. Other mitigation measures related to impacts to traffic and roadways are described in Section 3.2.9 below. All other land use and agricultural impacts were found to be less than significant.

The proposed changes to the project pipeline alignment could result in similar impacts to land use and agriculture as described in the 2007 DWWSP EIR and would require the incorporation of Mitigation Measure 3.5-4a and 3.5-4b to address land use conflicts with existing agricultural uses and permanent impacts to agricultural lands. All new impacts to agricultural resources associated with the construction of the modified Davis finished water transmission main pipeline alignment would be temporary and be limited to the construction phase. As a result, there are no changes in the environmental setting or project characteristics that would raise important new land use and agricultural issues. Therefore, proposed project changes would not alter the conclusions of the 2007 DWWSP EIR, result in any new significant impacts, or substantially increase the severity of the previously identified land use and agricultural impacts.

3.2.4 Terrestrial Biological Resources

Section 3.6 of the 2007 DWWSP EIR concluded that construction of project pipelines had the potential to result in direct impacts to several special-status plant species including alkali milk-vetch, brittle-scale, San Joaquin saltbush, palmate-bracted bird's-beak, Heckard's pepper-grass, Ferris's milk-vetch, and heartscale. In addition, drainages and wetlands within the proposed Project area have potential to support rose-mallow, Sanford's arrowhead, and Brazilian watermeal. Construction impacts to other special status species and habitat were also identified including conservancy fairy shrimp, vernal pool fairy shrimp, vernal pool tadpole shrimp, California tiger salamander, western spadefoot, valley elderberry longhorn beetle, giant garter snake, western pond turtle, Swainson's hawk, Cooper's hawk, white-tailed kite, yellow-billed cuckoo, yellow warbler, loggerhead shrike, northern harrier, short-eared owl, burrowing owl, Tricolored blackbird, White-faced ibis, western snowy plover, mountain plover, and bank swallow. These impacts were determined to be less than significant with the incorporation of 2007 DWWSP EIR Mitigation Measures 3.6-a through 3.6-x, which generally requires consultation with state and federal wildlife agencies, acquisition of regulatory permits for impacts to wildlife and habitat, and implementation of specific measures for species and habitat that could be affected during construction, such as pre-construction surveys and construction monitoring.

The proposed modifications to the Davis finished water transmission main pipeline alignment could result in similar construction related impacts to species and habitat identified within the 2007 DWWSP EIR. Implementation of the applicable 2007 DWWSP EIR Mitigation Measures 3.6-a through 3.6-x, which include measures for all phases of project construction to address impacts sensitive habitats and species and consultation with state and federal wildlife agencies, as necessary, would still be implemented by the Project Partners. As a result, there are no changes in the environmental setting or project characteristics that would raise important new biological resources issues. Therefore, proposed project changes would not alter the conclusions of the 2007 DWWSP EIR, result in any new significant impacts, or substantially increase the severity of the previously identified biological resources impacts.

3.2.5 Geology, Soils, and Seismicity

Section 3.7 of the 2007 DWWSP EIR concluded that potentially significant geology, soils, and seismicity impacts related to installation of project pipelines would be limited to seismic hazards and seismic related ground failure and construction related soils erosion. These impacts would be mitigated to less than significant with the incorporation of 2007 DWWSP EIR Mitigation Measures 3.7-1a through 3.7-1c which includes detailed geotechnical studies of construction areas and consultation with federal, state, and local agencies, as appropriate; and Mitigation Measures 3.7-2a through 3.7-2b which includes implementation of stormwater and erosion control measures during construction. All other construction and operational impacts related to geology, soils, and seismicity were determined to be less than significant.

The proposed revisions to the Davis finished water transmission main pipeline alignment would be located within the vicinity of the pipelines identified in the 2007 DWWSP EIR and would

encounter similar regional geologic conditions during construction. Implementation of Mitigation Measures 3.7-1a through 3.7-1c and Mitigation Measures 3.7-2a through 3.7-2b would reduce impacts associated with seismic hazards and construction related soils erosion to less than significant. As a result, the conclusions and proposed mitigation measures of the existing geology, seismicity, and soils analysis within the 2007 DWWSP EIR remain unchanged and are applicable to the proposed changes described in this addendum. There are no changes in the environmental setting or project characteristics that would raise important new geology, seismicity, and soils issues. Therefore, proposed project changes would not alter the conclusions of the 2007 DWWSP EIR, result in any new significant impacts, or substantially increase the severity of the previously identified geology, soils, and seismicity impacts.

3.2.6 Air Quality

Section 3.8 of the 2007 DWWSP EIR concluded that project construction activities would result in potentially significant unavoidable construction-related air emissions consisting of exhaust emissions from vehicles and other equipment, and fugitive dust emissions associated with trenching, excavation, and grading. Air quality emissions associated with construction activities would be reduced, but not to less than significant, with the incorporation of 2007 DWWSP EIR Mitigation Measure 3.8-1a through 3.8-1d which includes measures to reduce construction related exhaust and particulate emissions consistent with the Yolo-Solano Air Quality Management District. Impacts related to odor were determined to be less than significant given that water supply facilities are not a typical odor generating use.

The proposed modifications to the Davis finished water transmission main pipeline alignment would result in similar potentially significant and unavoidable construction air quality impacts as those described in the 2007 DWWSP EIR. Construction emissions would consist of exhaust emissions from vehicles and equipment, and fugitive dust associated with the excavation and grading activities associated with project construction. Because the amount of pipeline required to be installed would be less than previously proposed, these emissions are expected to be similar to, or less than, those described in the 2007 DWWSP EIR. Implementation of 2007 DWWSP EIR Mitigation Measure 3.8-1a through 3.8-1d would be implemented to reduce potential construction emissions impacts. As a result, there are no changes in the environmental setting or project characteristics that would raise important new air quality issues. Therefore, changes to the proposed project would not alter the conclusions of the 2007 DWWSP EIR, result in any new significant impacts, or substantially increase the severity of the previously identified air quality impacts.

3.2.7 Noise

Section 3.9 of the 2007 DWWSP EIR concluded that potentially significant impacts would be limited to nighttime noise impacts during construction of project facilities that may exceed local noise ordinance standards and existing ambient noise levels. However, construction noise would be mitigated to less than significant with the incorporation of Mitigation Measure 3.9-1a, Mitigation Measure 3.9-1b, and Mitigation Measure 3.9-1e, which include measures to address potential

nuisance noise impacts associated with the construction phase of the proposed project. All other construction noise related impacts were determined to be less than significant.

Generally, the proposed modifications to the Davis finished water transmission main pipeline alignment would result in similar construction noise impacts and require the implementation of Mitigation Measure 3.9-1a, Mitigation Measure 3.9-1b, and Mitigation Measure 3.9-1e to reduce temporary significant construction noise impacts to less than significant. However, overall construction activities under the modified project could fall outside the construction hours as prescribed in Mitigation Measure 3.9-1a and outside the hours prescribed by the City of Woodland Noise Ordinance for construction activities. Construction activities within the City of Woodland would be limited to the construction of the RWTF and adjacent segments of the raw water and treated water pipelines to and from the RWTF. As a result, construction noise in the City of Woodland would be buffered by existing noise sources such as the commercial development to the west and I-5 to the north. In addition, the nearest sensitive receptors to construction activities within the City of Woodland are located approximately one half mile to the west. Given the distance to the nearest sensitive receptors and existing adjacent non-sensitive noise land uses, noise impacts associated with the modified construction schedule for construction activities within the City of Woodland would remain less than significant.

Construction activities within the unincorporated areas of Yolo County are not governed by a noise ordinance or construction noise standards. As a result 2007 DWWSP EIR Mitigation Measure 3.9-1a was implemented to reduce impacts to sensitive receptors potentially affected by temporary construction activities. Generally, construction activities associated with proposed project facilities would be located away from sensitive receptors within rural agricultural areas of unincorporated Yolo County. Approximately nine residential sensitive receptors are located within a quarter of a mile of construction activities along the pipeline alignment from the Joint Intake west to the RWTF and south from the RWTF to the City of Davis. However, the linear nature of pipeline construction would ensure that construction activities would pass through the construction zone adjacent to these receptors for a period of two weeks or less. Therefore, the WDCWA proposes to revise mitigation measure 3.9-1a to allow flexibility to accommodate changes in regional weather conditions and daylight work hours and help mitigate health and safety issues of construction workers.

Revised Mitigation Measure 3.9-1a: In order to avoid noise-sensitive hours of the day and night, construction contractors shall comply with the following:

- Construction activities within the City of Woodland jurisdiction, including the proposed RWTF site, and a portion of the treated water transmission pipeline, shall be limited to between 7 a.m. to 6 p.m. Monday through Saturday, and between the hours of 9 a.m. and 6 p.m. on Sunday. Work outside of these hours may be allowed by a variance from the City of Woodland.
- Construction activities within the City of Davis jurisdiction (i.e., a portion of the treated water transmission pipeline) shall be limited to between the hours of 7 a.m. and 7 p.m. Monday through Friday, and between the hours of 8 a.m. and 8 p.m. on Saturdays and Sundays.

- Construction activities in the County of Yolo jurisdiction, including the RWTF site, the intake facility, and water pipeline segments, shall be limited to the hours between ~~7:00 a.m. and 7:00 p.m.~~ 5:00 a.m. and 6:00 p.m. Monday through Saturday ~~Friday~~, and between the hours of 8:00 a.m. to 6:00 p.m. ~~only interior construction shall be allowed between the hours of 7:00 a.m. and 7:00 p.m. on Saturday~~ on Sunday to avoid noise-sensitive hours of the day¹. Work outside the stipulated construction window may be allowed along Road 22 though the Yolo Bypass for approximately 60 calendar days, along County Road 28H between County Road 102 and County Road 103 for 14 Calendar days and in the vicinity of all five trenchless crossings.
- Pile-driving shall be limited to between 8:00 a.m. and 4:00 p.m. Monday through Friday, with no pile-driving permitted between 12:30 p.m. and 1:30 p.m.

Because there is no construction noise standard for Yolo County and because construction noise would be temporary and for a short duration, the proposed modified construction hours would still result in less than significant construction noise impacts with the incorporation of revised Mitigation Measure 3.9-1a and the incorporation of Mitigation Measure 3.9-1b, Mitigation Measure 3.9-1e, and Mitigation Measure 3.9-1g. Therefore, the proposed modifications to the project and mitigation measures would not alter the conclusions of the 2007 DWWSP EIR, result in any new significant impacts, or substantially increase the severity of the previously identified noise impact conclusions.

3.2.8 Hazards and Hazardous Materials

Section 3.10 of the 2007 DWWSP EIR identified potentially significant hazards and hazardous materials impacts during construction of project pipelines including the transport of hazardous materials, potential for an accidental spill, potential exposure to hazardous materials and hazardous materials sites located adjacent to proposed project facilities, and the increased risk of wildland fire. All potentially significant hazards and hazardous materials impacts would be mitigated to less than significant with the incorporation of 2007 DWWSP EIR Mitigation Measures 3.10-1a through 3.10-1d, 3.10-2, 3.10-3, 3.10-5a through 3.10-5b, and 3.10-6a through 3.10-6b, which include measures related to the storage, transport and handling of construction and operational related hazardous materials and the preparation of a Hazardous Materials Management Plan.

Because the proposed changes in the proposed Davis finished water transmission main pipeline alignment would not result in a change to the general construction techniques, and construction activities would be located in close proximity to the areas described in the 2007 DWWSP EIR, construction of the revised pipeline alignment would also result in a less than significant impact in regards to the potential disturbance, use, and transport of existing hazardous materials and wild land fires with the incorporation of 2007 DWWSP EIR Mitigation Measures 3.10-1a through 3.10-1d, 3.10-2, 3.10-3, 3.10-5a through 3.10-5b, and 3.10-6a through 3.10-6b. As a result, there are no changes in the environmental setting or project characteristics that would raise important new hazards and hazardous materials issues. Therefore, changes to the proposed project would not

¹ Although the County of Yolo does not have established time limitations for construction activities, these specified hours are typically used during construction (Morrison, 2006).

alter the conclusions of the 2007 DWWSP EIR, result in any new significant impacts, or substantially increase the severity of the previously identified hazards and hazardous materials impacts.

3.2.9 Transportation and Traffic

Section 3.12 of the DWWSP EIR concluded that potentially significant traffic impacts associated with proposed project pipelines would be limited to the construction phase of the project. However, implementation of Mitigation Measures 3.12-1a through 3.12-1g and 3.12-4c, which includes preparation of a traffic control plan during the construction phase, utilization of trenchless construction techniques to limit road closures to the extent feasible, resurfacing of roads damaged during construction activities, utilization of equipment and worker staging and parking areas, and coordination with local transportation jurisdictions during periods of heavy construction, would reduce construction phase impact to less than significant.

Because the proposed changes to the Davis finished water transmission main pipeline alignment would not result in a change to the general construction techniques or assumptions for construction activities within existing roadways, construction of the revised pipeline alignment would also result in a less than significant impact to transportation and traffic with the incorporation of Mitigation Measures 3.12-1a through 3.12-1g and 3.12-4c. As a result, there are no changes in the environmental setting or project characteristics that would raise important new transportation and traffic issues. Therefore, changes to the proposed project would not alter the conclusions of the 2007 DWWSP EIR, result in any new significant impacts, or substantially increase the severity of the previously identified hazards and hazardous materials impacts.

3.2.10 Public Services and Utilities

Section 3.13 of the 2007 DWWSP EIR concluded that construction of proposed project pipelines could result in potentially significant impacts to underground public services and utilities. Implementation of Mitigation Measure 3.13-6, which includes the preparation of a utility avoidance plan, would reduce potential conflicts associated with trenching and excavation during pipeline installation to less than significant. Impacts related to the construction of new or expansion of existing public utilities, adequate landfill capacity during construction and operation, and violation of solid waste disposal regulations were determined to be less than significant.

Because the proposed changes to the Davis finished water transmission main pipeline alignment would not result in a change to the general construction techniques or assumptions for construction activities related to the presence of existing underground public utilities, the revised project would also result in a similar less than significant impact to public services and utilities with the incorporation of Mitigation Measures 3.13-6. Therefore, changes to the proposed project would not alter the conclusions of the 2007 DWWSP EIR, result in any new significant impacts, or substantially increase the severity of the previously identified public services and utilities impacts.

3.2.11 Cultural Resources

Section 3.10 of the 2007 DWWSP EIR concluded that construction of project pipelines have the potential to disturb or destroy undiscovered archaeological resources, Native American human remains, or paleontological resources. However, these impacts would be reduced to less than significant within the implementation of Mitigation Measure 3.14-1 which requires implementation of a construction monitoring and inadvertent discovery plan and measures to minimize or eliminate direct impacts to any found significant archaeological, Native American, or paleontological resources.

The proposed modifications to the Davis finished water transmission main pipeline alignment could have a similar potentially significant impact to undiscovered cultural resources. Unknown or undiscovered paleontological resources, sites, or geologic features, historic sites, human burial sites, and/or scattered remains related to historic and prehistoric occupation of the area could be inadvertently encountered anywhere within the project area during construction activities. Damage to these previously undisturbed resources would constitute a significant impact. However, this impact would be mitigated to less than significant with the incorporation of 2007 DWWSP EIR Mitigation Measure 3.14-1, which requires implementation of a construction monitoring and inadvertent discovery plan and measures to minimize or eliminate direct impacts to any found significant archaeological, Native American, or paleontological resources. As a result, there are no changes in the environmental setting or project characteristics that would raise important new cultural resources issues. Therefore, proposed project revisions would not alter the conclusions of the 2007 DWWSP EIR, result in any new significant impacts, or substantially increase the severity of the previously identified cultural resources impacts.

3.2.12 Recreation

Section 3.15 of the 2007 DWWSP EIR concluded that construction of proposed project pipelines would have no impact on recreational resources. The proposed pipelines would be located on private land or within existing roadways where no recreational facilities are present. Additionally, construction of the proposed pipelines would not interfere with or reduce access to recreational activities in the project area, nor would it directly increase demand for recreational facilities that would require the construction or expansion of existing recreational facilities.

The proposed modifications to the Davis finished water transmission main pipeline alignment would also not directly affect recreational resources as the proposed modifications are located on privately owned lands or within easements with no existing or planned recreational uses. As a result, there are no changes in the environmental setting or project characteristics that would raise important new recreation issues. Therefore, proposed project revisions would not alter the conclusions of the 2007 DWWSP EIR, result in any new significant impacts, or substantially increase the severity of the previously identified recreation impacts.

3.2.13 Aesthetics

Section 3.16 of the 2007 DWWSP EIR concluded that there would be no aesthetics impacts associated with the construction proposed project pipelines, as construction activities would be temporary and proposed facilities would be located underground.

The proposed modifications to the Davis finished water transmission main pipeline alignment would also not have a significant impact on the visual environment because of the temporary nature of construction activities and that the proposed facilities would be located underground with the exception of the 120 square foot masonry building to be used to house metering and sampling equipment. As shown in Figure 4, the proposed masonry building would be off-set from County Road 102 and would only be prominently visible to motorists approaching from the north. It should also be noted, the project area in the vicinity of the proposed building is urban in nature with other facilities such as power lines, gates, roads, a solar array facility, a golf course, and a cart racing track and does not represent a new and inconsistent feature with the surrounding area. Therefore, the changes to the proposed project would not change the character or quality of the project site or its surroundings, nor would they substantially affect the amount of light and glare generated, therefore the conclusions of the aesthetics analysis from the 2007 DWWSP EIR remain unchanged. There are no changes in the environmental setting or project characteristics that would raise important new visual or aesthetic issues. Therefore, changes to the proposed project would not alter the conclusions of the 2007 DWWSP EIR, result in any new significant impacts, or substantially increase the severity of the previously identified aesthetics impacts.

3.2.14 Cumulative and Growth Inducing Effects

The changes to the proposed project do not alter the underlying impact conclusions or growth assumptions of the 2007 DWWSP EIR. Therefore, there would be no change in the cumulative or growth inducing effects of the proposed project. None of the significance conclusions or findings in the Final EIR would be altered, no new significant impact would occur, and none of the previously identified significant impacts would be substantially worsened.

3.3 Conclusion

This addendum documents that the modifications to the Davis finished water transmission main pipeline alignment and changes to the proposed construction hours will not result in any new or more severe impacts than those discussed in the 2007 DWWSP EIR. None of the conditions or circumstances that would require preparation of a subsequent or supplemental EIR pursuant to Public Resources Code Section 21166 exists for the proposed project with these changes.

3.4 References

Environmental Science Associates (ESA). 2007a. Davis Woodland Water Supply Project Draft Environmental Impact Report. Prepared for the City of Davis, U.C. Davis and the City of Woodland, April 2007.

Environmental Science Associates (ESA). 2007b. Davis Woodland Water Supply Project Final Environmental Impact Report. Prepared for the City of Davis, U.C. Davis and the City of Woodland, October 2007.

Environmental Science Associates (ESA). 2012. Davis Woodland Water Supply Project Addendum #4. Prepared for the Woodland Davis Clean Water Agency, November 2012.