10 April 2014

Gary Reents/Dennis Diemer
Reclamation District 2035/Woodland-
Davis Clean Water Agency
45332 County Road 25/1717 Fifth Street
Woodland, CA 95776/Davis, CA 95616

CERTIFIED MAIL
7013 1710 0002 3644 1806

CLEAN WATER ACT §401 TECHNICALLY CONDITIONED WATER QUALITY CERTIFICATION; RECLAMATION DISTRICT 2035/WOODLAND-DAVIS CLEAN WATER AGENCY, RD 2035/WDCWA JOINT INTAKE PROJECT PROJECT (WDID#5A57CR00106), YOLO COUNTY

This Order responds to the 16 November 2012 application submitted by Reclamation District 2035/Woodland-Davis Clean Water Agency (Applicant) for the Water Quality Certification of a fish screen and water diversion project permanently impacting 1.24 acres and temporarily impacting 0.1 acre of waters of the United States.

This Order serves as certification of the United States Army Corps of Engineers' Individual Permit (SPK# 2010-01141) under § 401 of the Clean Water Act, and a Waste Discharge Requirement under the Porter-Cologne Water Quality Control Act and State Water Board Order 2003-0017-DWQ.

WATER QUALITY CERTIFICATION STANDARD CONDITIONS:

1. This Order serves as a Water Quality Certification (Certification) action that is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to § 13330 of the California Water Code and § 3867 of the California Code of Regulations.

2. This Certification action is not intended and shall not be construed to apply to any discharge from any activity involving a hydroelectric facility requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license unless the pertinent Certification application was filed pursuant to § 3855(b) of the California Code of Regulations, and the application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.

3. The validity of any non-denial Certification action shall be conditioned upon total payment of the full fee required under § 3860(c) of the California Code of Regulations.

4. This Certification is no longer valid if the project (as described) is modified, or coverage under § 404 of the Clean Water Act has expired.

5. All reports, notices, or other documents required by this Certification or requested by the Central Valley Regional Water Quality Control Board (Central Valley Water Board) shall be signed by a person described below or by a duly authorized representative of that person.

    (a) For a corporation: by a responsible corporate officer such as (1) a president, secretary, treasurer, or vice president of the corporation in charge of a principal business function; (2) any other person who performs similar policy or decision-making functions for the corporation; or (3) the manager of one or more manufacturing, production, or operating facilities if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
    (b) For a partnership or sole proprietorship: by a general partner or the proprietor.
    (c) For a municipality, state, federal, or other public agency: by either a principal executive officer or ranking elected official.

6. Any person signing a document under Standard Condition number 5 shall make the following certification:

    "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

TECHNICAL CERTIFICATION CONDITIONS:

In addition to the above standard conditions, the Applicant shall satisfy the following:

1. The Applicant shall notify the Central Valley Water Board in writing seven (7) days in advance of the start of any work within waters of the United States. The notification shall include the name of the project and the WDID number, and shall be sent to the Central Valley Water Board Contact indicated in this Certification.

2. Except for activities permitted by the United States Army Corps of Engineers under § 404 of the Clean Water Act, soil, silt, or other organic materials shall not be placed where such materials could pass into surface water or surface water drainage courses.

3. The Applicant shall maintain a copy of this Certification and supporting documentation (Project Information Sheet) at the Project site during construction for review by site personnel and agencies. All personnel (employees, contractors, and subcontractors) performing work on the proposed project shall be adequately informed and trained regarding the conditions of this Certification.

4. The Applicant shall perform surface water sampling:
   a) when performing any in-water work;
   b) in the event that project activities result in any materials reaching surface waters; or
   c) when any activities result in the creation of a visible plume in surface waters.

   The monitoring requirements in Table 1 shall be conducted upstream out of the influence of the project, and 300 feet downstream of the work area. The sampling frequency may be modified for certain projects with written approval from Central Valley Water Board staff.

Table 1:

Parameter	Unit	Type of Sample	Minimum Sampling Frequency	Required Analytical Test Method
Turbidity	NTU	Grab(1)	Every 4 hours during in-water work	(2, 4)
Settleable Material	mL/L	Grab(1)	Every 4 hours during in-water work	(2)
Visible construction related pollutants (3)	Observations	Visual Inspections	Continuous throughout the construction period	—
pH	Standard Units	Grab(1)	Every 4 hours during in-water work	(2, 4)

(1) Grab samples shall not be collected at the same time each day to get a complete representation of variations in the receiving water.
(2) Pollutants shall be analyzed using the analytical methods described in 40 Code of Federal Regulations Part 136; where no methods are specified for a given pollutant, the method shall be approved by Central Valley Water Board staff.
(3) Visible construction-related pollutants include oil, grease, foam, fuel, petroleum products, and construction-related, excavated, organic or earthen materials.
(4) A hand-held field meter may be used, provided the meter utilizes a USEPA-approved algorithm/method and is calibrated and maintained in accordance with the manufacturer's instructions. A calibration and maintenance log for each meter used for monitoring shall be maintained onsite.

Surface water monitoring shall occur at mid-depth. A surface water monitoring report shall be submitted to the Central Valley Water Board Contact indicated in this Certification within two weeks of initiation of sampling and every two weeks thereafter. In reporting the monitoring data, the Applicant shall arrange the data in tabular form so that the sampling locations, date, constituents, and concentrations are readily discernible. The data shall be summarized in such a manner to illustrate clearly whether the project complies with Certification requirements. The report shall include surface water sampling results, visual

observations, and identification of the turbidity increase in the receiving water applicable to the natural turbidity conditions specified in the turbidity criteria below.

If no monitoring is conducted, the Applicant shall submit a written statement to the Central Valley Water Board Contact indicated in the Certification stating, "No monitoring was required." with the Notice of Completion.

5. The Central Valley Water Board adopted a *Water Quality Control Plan for the Sacramento River and San Joaquin River Basins*, Fourth Edition, revised October 2011 (Basin Plan) that designates beneficial uses, establishes water quality objectives, and contains implementation programs and policies to achieve those objectives for all waters addressed through the plan. Turbidity, settleable matter, pH limits are based on water quality objectives contained in the Basin Plan and are part of this Certification as follows:

   a) Activities shall not cause turbidity increases in surface water to exceed:
      i. where natural turbidity is less than 1 Nephelometric Turbidity Units (NTUs), controllable factors shall not cause downstream turbidity to exceed 2 NTUs;
      ii. where natural turbidity is between 1 and 5 NTUs, increases shall not exceed 1 NTU;
      iii. where natural turbidity is between 5 and 50 NTUs, increases shall not exceed 20 percent;
      iv. where natural turbidity is between 50 and 100 NTUs, increases shall not exceed 10 NTUs; and
      v. where natural turbidity is greater than 100 NTUs, increases shall not exceed 10 percent.

      Except that these limits will be eased during in-water working periods to allow a turbidity increase of 15 NTUs over background turbidity. In determining compliance with the above limits, appropriate averaging periods may be applied provided that beneficial uses will be fully protected. Averaging periods may only be used with prior approval of the Central Valley Water Board staff.

   b) Activities shall not cause settleable matter to exceed 0.1 mL/L in surface waters.

   c) Activities shall not cause pH to be depressed below 6.5 nor raised above 8.5 in surface water.

6. The Applicant shall notify the Central Valley Water Board immediately if the above criteria for turbidity, settleable matter, pH or other water quality objectives are exceeded.

7. In-water work shall occur during periods of low flow and no precipitation.

8. Refueling of equipment within the floodplain or within 300 feet of the waterway is prohibited. If critical equipment must be refueled within 300 feet of the waterway, spill prevention and countermeasures must be implemented to avoid spills. Refueling areas shall be provided with secondary containment including drip pans and/or placement of absorbent material. No hazardous materials, pesticides, fuels, lubricants, oils, hydraulic fluids, or other construction-related potentially hazardous substances should be stored within a floodplain or within 300 feet of a waterway. The Applicant must perform frequent inspections of construction equipment prior to utilizing it near surface waters to ensure leaks from the equipment are not occurring and are not a threat to water quality.

9. The Applicant shall develop and maintain onsite a project-specific Spill Prevention, Containment and Cleanup Plan outlining the practices to prevent, minimize, and/or clean up potential spills during construction of the project. The Plan must detail the project elements, construction equipment types and location, access and staging and construction sequence. The Plan must also address spill response and prevention measures for potential spills that may occur within the project site.

10. Raw cement, concrete (or washing thereof), asphalt, drilling fluids, lubricants, paints, coating material, oil, petroleum products, or any other substances which could be hazardous to fish and wildlife resulting from or disturbed by project-related activities, shall be prevented from contaminating the soil and/or entering waters of the United States.

11. Concrete must completely be cured before coming into contact with waters of the United States. Surface water that contacts wet concrete must be pumped out and disposed of at an appropriate off-site commercial facility, which is authorized to accept concrete wastes.

12. Silt fencing, straw wattles, or other effective management practices must be used along the construction zone to minimize soil or sediment along the embankments from migrating into the waters of the United States through the entire duration of the project.

13. The use of netting material (e.g., monofilament-based erosion blankets) that could trap aquatic dependent wildlife is prohibited within the project area, as indicated in the attached map (Figure 1).

14. All areas disturbed by project activities shall be protected from washout and erosion.

15. All temporarily affected areas shall be restored to pre-construction contours and conditions upon completion of construction activities.

16. All materials resulting from the project shall be removed from the site and disposed of properly.

17. The State Water Resources Control Board has issued two appropriative water rights for the proposed water diversion project identified as Permit No. 614A and License No.904A, and Permit No. 7234A and License No. 5487A. This Certification is not valid if the project is not conducted in accordance with an existing water rights issued by the State Water Resources Control Board. This Certification does not provide a new water right or modify an existing water right.

18. If temporary surface water diversions and/or dewatering are anticipated, the Applicant shall develop and maintain on-site a Surface Water Diversion and/or Dewatering Plan(s). The Plan(s) shall include the proposed method and duration of diversion activities. The Surface Water Diversion and/or Dewatering Plan(s) must be consistent with this Certification.

19. When work in a flowing stream is unavoidable and any dam or other artificial obstruction is being constructed, maintained, or placed in operation, sufficient water shall at all times be allowed to pass downstream, to maintain beneficial uses of waters of the State below the dam. Construction, dewatering, and removal of temporary cofferdams shall not violate Technical Certification Condition 5 of this Certification.

20. Any temporary dam or other artificial obstruction constructed shall only be built from clean materials such as sandbags, gravel bags, water dams, or clean/washed gravel which will cause little or no siltation. Stream flow shall be temporarily diverted using gravity flow through temporary culverts/pipes or pumped around the work site with the use of hoses.

21. The discharge of petroleum products, any construction materials, hazardous materials, pesticides, fuels, lubricants, oils, hydraulic fluids, raw cement, concrete, asphalt, paint, coating material, drilling fluids, or other construction-related potentially hazardous substances to surface water and/or soil is prohibited. In the event of a prohibited discharge, the Applicant shall notify the Central Valley Water Board Contact within 24-hours of the discharge. Activities shall not cause visible oil, grease, or foam in the receiving water.

22. The Applicant shall apply for a name change or amendment to this Certification should any of the following occur: (a) a change in the ownership of all or any portion of RD 2035/WDCWA Joint Intake Project; (b) any change in the project description; (c) any change involving discharge amounts, temporary impacts, and/or permanent impacts; and/or (d) amendments, modifications, revisions, extensions, and/or changes to the United States Army Corps of Engineers' Individual Permit, the United States Fish and Wildlife Service and National Marine Fisheries Service decision document(s), and/or the California Department of Fish and Wildlife Streambed Alteration Agreement.

23. The Applicant shall comply with all California Department of Fish and Wildlife requirements, including but not limited to those requirements described in Lake or Streambed Alteration Agreement No. 1600-2012-0209-R2.

24. The Applicant shall comply with all United States Fish and Wildlife Service requirements, including but not limited to those requirements described in the Biological Opinion (81410-2011-F-0057), provided to the United States Army Corps of Engineers, dated 7 August 2013.

25. The Applicant shall comply with all National Marine Fisheries Service requirements, including but not limited to those requirements described in the Biological Opinion (2013/9657), provided to the United States Army Corps of Engineers, dated 22 October 2013.

26. The Applicant shall obtain coverage under the National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities Order No. 2009-0009-DWQ for discharges to surface waters comprised of storm water associated with construction activity, including, but not limited to, demolition, clearing, grading, excavation, and other land disturbance activities of one or more acres, or where projects disturb less than one acre but are part of a larger common plan of development that in total disturbs one or more acres.

27. The Applicant shall work with the Central Valley Water to obtain coverage under an NPDES permit for dewatering activities that result in discharges into surface water.

28. The Conditions in this Certification are based on the information in the attached "Project Information Sheet." If the actual project, as described in the attached Project Information Sheet, is modified or changed, this Certification is no longer valid until amended by the Central Valley Water Board.

29. The Applicant shall implement each of the mitigation measures specified in the certified Environmental Impact Report for the project, as they pertain to biology, hydrology and water quality impacts as required by § 21081.6 of the Public Resource Code and § 15097 of the California Code of Regulations.

30. In the event of any violation or threatened violation of the conditions of this Certification, the violation or threatened violation shall be subject to any remedies, penalties, process, or sanctions as provided for under state and federal law. The applicability of any state law authorizing remedies, penalties, process, or sanctions for the violation or threatened violation constitutes a limitation necessary to ensure compliance with this Certification.

    (a) If the Applicant or a duly authorized representative of the project fails or refuses to furnish technical or monitoring reports, as required under this Certification, or falsifies any information provided in the monitoring reports, the applicant is subject to civil liability, for each day of violation, and/or criminal liability.

    (b) In response to a suspected violation of any condition of this Certification, the Central Valley Water Board may require the Applicant to furnish, under penalty of perjury, any technical or monitoring reports the Central Valley Water Board deems

appropriate, provided that the burden, including cost of the reports, shall be in reasonable relationship to the need for the reports and the benefits to be obtained from the reports.

(c) The Applicant shall allow the staff of the Central Valley Water Board, or an authorized representative(s), upon the presentation of credentials and other documents, as may be required by law, to enter the project premises for inspection, including taking photographs and securing copies of project-related records, for the purpose of assuring compliance with this Certification and determining the ecological success of the project.

31. The Applicant shall provide a Notice of Completion (NOC) no later than 30 days after the project completion. The NOC shall demonstrate that the project has been carried out in accordance with the project description in the Certification and in any approved amendments. The NOC shall include a map of the project location(s), including final boundaries of any on-site restoration area(s), if appropriate, and representative pre and post construction photographs. Each photograph shall include a descriptive title, date taken, photographic site, and photographic orientation.

32. Prior to commencing construction, the Applicant shall provide evidence of all on-site and off-site compensatory mitigation to the Central Valley Water Board. Evidence of mitigation includes, but is not limited to, the purchase mitigation credits at a ratio of 1:1 by purchasing 0.83 acre of Riverine credits and 0.51 acre of Lacustrine credits from the River Ranch Mitigation Bank, or as required by the United States Army Corps of Engineers.

    Compensatory mitigation must comply with the effective policy at the time of Certification, which ensures no overall net loss of wetlands for impacts to waters of the State.

    Evidence of compliance with compensatory mitigation requirements includes providing a letter from the approved compensatory mitigation bank. The letter must: (a) be on the compensatory mitigation bank's letterhead; (b) be signed by an authorized representative of the compensatory mitigation bank; (c) indicate the United States Army Corps of Engineers' SPK number; (d) describe the project name and location; and (e) detail the type of compensatory mitigation credits purchased for the project's impacts.

CENTRAL VALLEY WATER BOARD CONTACT:

Trevor Cleak, Environmental Scientist
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670-8114
tcleak@waterboards.ca.gov
(916) 464-4684

CALIFORNIA ENVIRONMENTAL QUALITY ACT:

The City of Davis is the Lead Agency responsible for compliance with the California Environmental Quality Act for the RD 2035/WDCWA Joint Intake Project pursuant to § 21000 et seq. of the Public Resources Code. The City of Davis certified the Environmental Impact Report on 6 November 2007. The City of Davis filed a Notice of Determination with the State Clearinghouse on 15 November 2007 (State Clearinghouse Number 2006042175).

The City of Davis certified addenda to the Environmental Impact Report on 21 April 2011, 21 June 2012, 18 October 2012, 20 December 2012, 10 October 2013, and 16 January 2014. The City of Davis filed Notices of Determination for the 21 April 2011, 10 October 2013, and 16 January 2014 addenda on 5 May 2011, 16 October 2013, and 24 January 2014 respectively. (State Clearinghouse Number 2006042175).

The Central Valley Water Board is a responsible agency for the project. The Central Valley Water Board has determined that the Environmental Impact Report and Addenda to the Environmental Impact Report are in accordance with the requirements of the California Environmental Quality Act.

The Central Valley Water Board has reviewed and evaluated the impacts to water quality identified in the Environmental Impact Report, and Addenda to the Environmental Impact Report. The mitigation measures discussed in the Environmental Impact Report and Addenda to the Environmental Impact Report to minimize project impacts to State waters are required by this Certification.

With regard to the remaining impacts identified in the Environmental Impact Report and Addenda to the Environmental Impact Report, the corresponding mitigation measures proposed are within the responsibility and jurisdiction of other public agencies.

WATER QUALITY CERTIFICATION:

I hereby issue an Order certifying that any discharge from the Reclamation District 2035/Woodland-Davis Clean Water Agency, RD 2035/WDCWA Joint Intake Project (WDID#5A57CR00106) will comply with the applicable provisions of § 301 ("Effluent Limitations"), § 302 ("Water Quality Related Effluent Limitations"), § 303 ("Water Quality Standards and Implementation Plans"), § 306 ("National Standards of Performance"), and § 307 ("Toxic and Pretreatment Effluent Standards") of the Clean Water Act. This discharge is also regulated under State Water Resources Control Board Water Quality Order No. 2003-0017 DWQ "Statewide General Waste Discharge Requirements For Dredged Or Fill Discharges That Have Received State Water Quality Certification (General WDRs)".

Except insofar as may be modified by any preceding conditions, all Certification actions are contingent on (a) the discharge being limited and all proposed mitigation being completed in compliance with the conditions of this Certification, the Reclamation District 2035/Woodland-Davis Clean Water Agency's application package, and the attached Project Information Sheet, and (b) compliance with all applicable requirements of the *Water Quality Control Plan for the Sacramento River and San Joaquin River Basins*, Fourth Edition, revised October 2011.

Original signed by Richard Loncarovich for

Pamela C. Creedon
Executive Officer

Enclosure: Project Information Sheet

Attachment: Figure 1 – Project Location Map

cc: Distribution List, page 16

PROJECT INFORMATION SHEET

Application Date: 16 November 2012

Applicant: Gary Reents/Dennis Diemer
Reclamation District 2035/Woodland-
Davis Clean Water Agency
45332 County Road 25/1717 Fifth Street
Woodland, CA 95776/Davis, CA 95616

Applicant Representative: Paul Garcia
Environmental Science Associates
2600 Capitol Avenue, Suite 200
Sacramento, CA 95816

Project Name: RD 2035/WDCWA Joint Intake Project

Application Number: WDID#5A57CR00106

Date Application Deemed Complete: 12 December 2012

Type of Project: Fish screen and water diversion project

Timeframe of Project Implementation: 1 May through 1 October

Project Location: Section 35, Township 10 North, Range 3 East, MDB&M.
Latitude: 38°40'34.43"N and Longitude: 121°37'50.38" W

County: Yolo County

Receiving Water(s) (hydrologic unit): Sacramento River and the Main Canal, Sacramento Hydrologic Basin, Valley Putah-Cache Creek Hydrologic Unit #511.20, Lower Putah Creek HA

Water Body Type: Streambed

Designated Beneficial Uses: The *Water Quality Control Plan for the Sacramento River and San Joaquin River Basins*, Fourth Edition, revised October 2011 (Basin Plan) has designated beneficial uses for surface and ground waters within the region. Beneficial uses that could be impacted by the project include, but are not limited to: Municipal and Domestic Water Supply (MUN); Agricultural Supply (AGR); Industrial Supply (IND); Hydropower Generation (POW); Groundwater Recharge (GWR); Water Contact Recreation (REC-1); Non-Contact Water Recreation (REC-2); Warm Freshwater Habitat (WARM); Cold Freshwater Habitat (COLD); Preservation of Biological Habitats of Special Significance (BIOL); Rare, Threatened, or Endangered Species (RARE); Migration of Aquatic Organisms (MIGR); Spawning, Reproduction, and/or Early Development (SPWN); and Wildlife Habitat (WILD). A

comprehensive and specific list of the beneficial uses applicable for the project area can be found at http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/index.shtml.

303(d) List of Water Quality Limited Segments: The Sacramento River and the Main Canal are the receiving waters for the RD 2035/WDCWA Joint Intake Project (Project). The section of the Main Canal being impacted by this project is not listed on the 303(d) list. The Sacramento River is on the 303(d) list for chlordane, chlorpyrifos, DDT, diazinon, dieldrin, diuron, mercury, PCBs, and unknown toxicity. This project, as conditioned with mitigation measures to prevent transport of sediment due to project activities, will minimize impacts to the Sacramento River. The most recent list of approved water quality limited segments is found at: http://www.waterboards.ca.gov/water_issues/programs/tmdl/integrated2010.shtml.

Project Description: The RD 2035/WDCWA Joint Intake Project is located approximately 0.1 mile north of the intersection of Old River Road and County Road 117 in Yolo County.

The Project will consist of constructing the RD 2035/WDCWA Joint Intake Facility, which will consist of: (1) constructing a new intake structure on the Sacramento River, (2) demolishing the existing intake structure on the Sacramento River, (3) constructing a new outlet structure on the Main Canal, (4) demolishing the existing outlet structure on the Main Canal, and (5) regrading County Road 117. The new intake structure will be located approximately 80 feet downstream of the existing intake structure and the new outlet structure will be approximately 10 feet south of the existing outlet structure.

Impacts to waters of the United States consist of constructing the new intake structure, demolishing the existing intake structure, constructing the new outlet structure, and demolishing the existing outlet structure.

Intake Structure Construction

Approximately 440 linear feet of metal sheet-pile will be temporarily installed to create a coffer dam to dewater the work site. In addition, approximately 150 linear feet of sheet piles will be temporarily installed upstream and downstream of the structure to act as training walls for river flow. All of the temporary sheet piles for the new intake structure will require approximately 249 cubic yards of steel to be placed into waters of the United States. The water pumped from the Sacramento River during dewatering will be filtered and ultimately discharged into the Main Canal for use as irrigation water. The Applicant will work with the Central Valley Water to obtain coverage under an NPDES permit for dewatering activities that result in discharges into surface water.

Once the cofferdam is in place and the work area is dewatered, the streambed within the cofferdam will be excavated. Approximately 2,200 cubic yards of soil will be excavated from 0.83 acre of the Sacramento River. Excavated materials will be transported to an appropriate off-site disposal location. After the project area is excavated, the intake structure will be framed and concrete poured. Approximately 1,860 cubic yards of cast-in-place concrete will be placed into 0.1 acre of the Sacramento River to construct the foundation of the intake structure. After the foundation of the intake structure has been poured, approximately 250 cubic yards of steel sheet piles will be placed around the perimeter of the concrete foundation. Two,

6-inch diameter steel piles, requiring approximately 4 cubic yards of steel, will be driven between the sheet piles and the foundation for additional support.

After all of the piles have been driven, mechanical equipment, including pumps and fish screens, will then be installed. Approximately 2,000 cubic yards of rip-rap will be placed around the intake structure with cranes, located above the ordinary high water mark, to prevent scour.

Existing Intake Demolition
After the new intake structure has been installed, the existing structure will be demolished. Approximately 60 linear feet of metal sheet-pile, requiring 26 cubic yards of steel, will be temporarily installed to create a coffer dam to dewater the work site. The structure will be dismantled by a crane and removed from the project area. After the intake structure is dismantled the piles for the existing support structure will be cut off at the bottom of the river using a barge and abandoned in place. No additional material will be excavated to demolish the existing intake structure.

Outlet Structure Construction
The new outlet structure will be constructed in the Main Canal. Approximately 130 linear feet of metal sheet-pile, requiring 55 cubic yards of steel, will be installed to create a coffer dam to dewatering the work site. Once the cofferdam is in place, the streambed within the cofferdam will be excavated. Approximately 1,000 cubic yards of soil will be excavated from 0.51 acre of the Main Canal. After the project area is excavated the outlet structure will be framed and concrete poured. Approximately 1,140 cubic yards of cast-in-place concrete will be placed into 0.04 acre of the Main Canal to construct the foundation of the outlet structure and a concrete apron. Approximately 170 cubic yards of rip-rap will be placed to prevent scour. After the foundation is in place, five, 42-inch diameter steel discharge pipes, flow meters and concrete casing will be installed on top of the foundation.

Existing Outlet Structure Demolition
After the new outlet structure is constructed, the existing outlet structure will be demolished. Approximately 50 cubic yards of concrete will be excavated from waters of the United States to demolish the existing outlet structure.

Other impacts such as regrading County Road 117 will not impact waters of the United States. Construction equipment will enter waters of the United States. Cast-in-place concrete will be placed into waters of the United States.

The project will permanently impact 1.24 acres and temporarily impact 0.1 acre of waters of the United States.

Preliminary Water Quality Concerns: Construction activities may impact surface waters with increased turbidity, settleable matter, and pH.

Proposed Mitigation to Address Concerns: The Applicant will implement Best Management Practices to control sedimentation and erosion. The Applicant will conduct turbidity, settleable matter, and pH testing during in-water work, stopping work if Basin Plan criteria are exceeded or

observations indicate an exceedance of a water quality objective. All temporary affected areas will be restored to pre-construction contours and conditions upon completion of construction activities to provide 1:1 mitigation for temporary impacts.

Excavation/Fill Area: Approximately 3,200 cubic yards of native soil and 50 cubic yards of concrete will be excavated from 1.24 acres of waters of the United States.

Approximately 3,000 cubic yards of cast-in place concrete, 254 cubic yards of steel, and 2,170 cubic yards of rip-rap will be placed into 1.24 acres of waters of the United States and 330 cubic yards of steel will be placed temporarily into 0.1 acre of waters of the United States.

Dredge Volume: None

California Integrated Water Quality System Impact Data: The Project will permanently impact 1.24 acres and temporarily impact 0.1 acre of stream bed from fill and excavation activities.

Table 2: Impacts from Fill and Excavation Activities

Water Feature Type	Permanent			Temporary		
	Acre(s)	Linear Feet	Cubic Yards	Acre(s)	Linear Feet	Cubic Yards
Stream Channel						
Sacramento River	0.74	-	6,314	0.09	-	275
Main Canal	0.5	-	2,360	0.01	-	55
Stream Total	**1.24**		**8,674**	**0.1**	**-**	**330**
Total Impacts	**1.24**		**8,674**	**0.1**	**-**	**330**

United States Army Corps of Engineers File Number: SPK #2010-01141

United States Army Corps of Engineers Permit Type: Individual Permit

California Department of Fish and Wildlife Lake or Streambed Alteration Agreement: 1600-2012-0209-R2

Possible Listed Species: Delta smelt, Green sturgeon, Sacramento splittail, Spring-run Chinook salmon, Central Valley steelhead, and Winter-run Chinook salmon.

Status of CEQA Compliance: The City of Davis certified the Environmental Impact Report on 6 November 2007. The City of Davis filed a Notice of Determination with the State Clearinghouse on 15 November 2007 (State Clearinghouse Number 2006042175).

The City of Davis certified addenda to the Environmental Impact Report on 21 April 2011, 21 June 2012, 18 October 2012, 20 December 2012, 10 October 2013, and 16 January 2014.

The City of Davis filed Notices of Determination for the 21 April 2011, 10 October 2013, and 16 January 2014 addenda on 5 May 2011, 16 October 2013, and 24 January 2014 respectively.

The Central Valley Water Board will file a Notice of Determination with the State Clearinghouse as a responsible agency within five (5) days of the date of this Certification.

Compensatory Mitigation: Prior to commencing construction, the Applicant shall provide evidence of all on-site and off-site compensatory mitigation to the Central Valley Water Board. Evidence of mitigation includes, but is not limited to, the purchase mitigation credits at a ratio of 1:1 by purchasing 0.83 acre of Riverine credits and 0.51 acre of Lacustrine credits from the River Ranch Mitigation Bank, or as required by the United States Army Corps of Engineers.

Application Fee Provided: Total fees of $6,383.00 have been submitted to the Central Valley Water Board as required by § 3833(b)(3)(A) and § 2200(a)(3) of the California Code of Regulations.

DISTRIBUTION LIST

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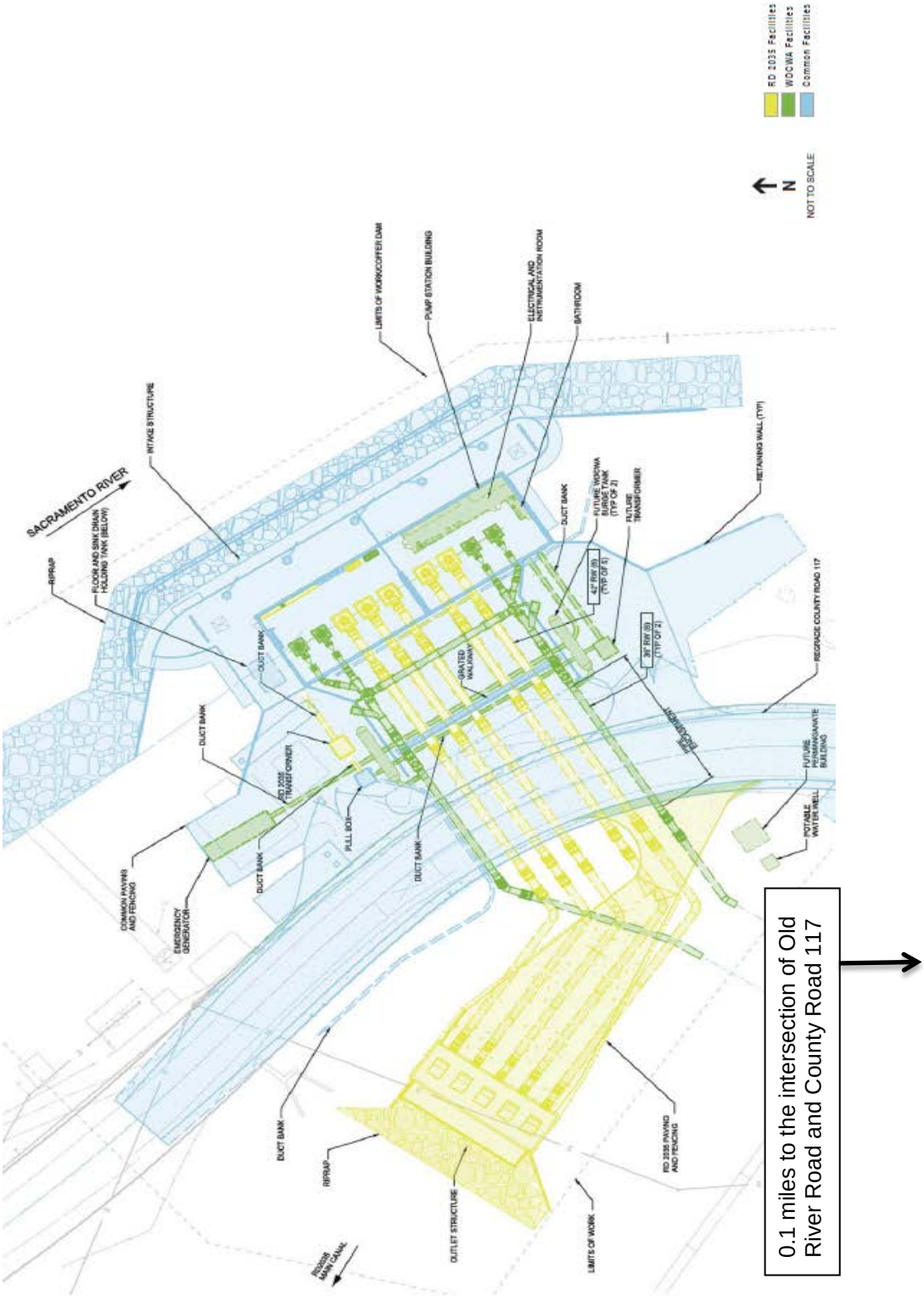

Figure 1 – Project Location Map