
Central Valley Regional Water Quality Control Board

5 February 2016

Clifton Taylor
Richland Communities
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Roseville, CA 95661

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***CLEAN WATER ACT §401 TECHNICALLY CONDITIONED WATER QUALITY
CERTIFICATION; RICHLAND COMMUNITIES, HEIN PROJECT (WDID#5A34CR00639),
SACRAMENTO COUNTY***

This Order responds to the 9 June 2015 application submitted by Richland Communities (Applicant) for the Water Quality Certification of the Hein Project (Project), permanently impacting 0.01 acre/368 linear feet of waters of the United States and permanently impacting 2.01 acres/724 linear feet of waters of the State.

This Order serves as certification of the United States Army Corps of Engineers' Nationwide Permit #14 (SPK-2013-01094) 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 This Certification is no longer valid if the project (as described) is modified, or coverage under § 404 of the Clean Water Act has expired.

KARL E. LONGLEY ScD, P.E., CHAIR | PAMELA C. CREEDON P.E., BCEE, EXECUTIVE OFFICER

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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 and waters of the State.
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 sampling¹:
- 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 sampling requirements in Table 1 shall be conducted upstream out of the influence of the project, and 300 feet downstream of the work area located within a streambed. The sampling frequency may be modified for certain projects with written approval from Central Valley Water Board staff.

The sampling requirements in Table 1 shall be conducted by taking a sample of the ambient conditions before work begins in the work area located within a wetland area, and sampling during work in 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	—

- ⁽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 sampling shall occur at mid-depth. A surface water monitoring report shall be submitted within two weeks of initiation of in-water construction, and every two weeks thereafter. In reporting the sampling 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.

¹ Sampling is not required in wetlands, where the entire wetland is being permanently filled; provided there is no outflow connecting the wetland to surface waters.

If no sampling is required, the Applicant shall submit a written statement stating, "No sampling was required" within two weeks of initiation of in-water construction, and every two weeks thereafter.

5. The Central Valley Water Board adopted a *Water Quality Control Plan for the Sacramento River and San Joaquin River Basins*, Fourth Edition, revised June 2015 (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 and settleable matter 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 as measured in surface waters within or 300 feet downstream of the project area.
6. The Applicant shall notify the Central Valley Water Board immediately if the above criteria for turbidity, settleable matter, or other water quality objectives are exceeded.
 7. In-water work shall occur during periods of no flow and no precipitation. The Applicant shall perform surface water sampling in accordance with Technical Certification Condition No. 4, if any of the following conditions occur: 1) in-water work is conducted; 2) Project activities result in any materials reaching surface waters; or 3) Project activities result in the creation of a visible plume in surface waters.
 8. Activities shall not cause visible oil, grease, or foam in the receiving water.
 9. 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.

10. 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.
11. 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 and waters of the State outside of the Project area through the entire duration of the project.
12. The use of netting material (e.g., monofilament-based erosion blankets) that could trap aquatic dependent wildlife is prohibited within the project area.
13. All areas disturbed by project activities shall be protected from washout and erosion.
14. All temporarily affected areas shall be restored to pre-construction contours and conditions upon completion of construction activities.
15. Hydroseeding shall be performed with California native seed mix.
16. All materials resulting from the project shall be removed from the site and disposed of properly.
17. This Certification does not allow permanent water diversion of flow from the receiving water. This Certification is invalid if any water is permanently diverted as a part of the project.
18. 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.
19. 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 the Project; b) any change in the project description; c) any change involving discharge amounts, temporary impacts, or permanent impacts; or d) amendments, modifications, revisions, extensions, or changes to the United States Army Corps of Engineers' Nationwide Permit #14 or the California Department of Fish and Wildlife Streambed Alteration Agreement.

20. The Applicant shall implement the United States Fish and Wildlife Conservation Guidelines for the Valley Elderberry Longhorn Beetle dated 9 July 1999.
21. 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.
22. 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.
23. 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.
24. 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.
25. Prior to commencing construction, the Applicant shall provide evidence of all off-site compensatory mitigation to the Central Valley Water Board. At a minimum, compensatory mitigation must achieve a ratio of 1:1 for permanent impacts. Evidence of mitigation

includes, but is not limited to, the purchase of 0.20 acre of floodplain mosaic wetland mitigation credits, 1.79 acres of pond habitat mitigation credits, and 0.02 acre of stream bed habitat mitigation credits from the Cosumnes Floodplain Bank (Westervelt Ecological Services) for permanent impacts to waters of the State. In addition, the Applicant shall also purchase 0.01 acre of stream bed habitat mitigation credits from Cosumnes Floodplain Bank (Westervelt Ecological Services) for permanent impacts to waters of the United States, or as otherwise required by the United States Army Corps of Engineers.

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

NOTIFICATIONS AND REPORTS:

26. 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.
27. The Applicant shall submit all notifications, submissions, materials, data, correspondence, and reports in a searchable Portable Document Format (PDF). Documents less than 50 MB must be emailed to: centralvalleysacramento@waterboards.ca.gov. In the subject line of the email, include the Central Valley Water Board Contact, Project name, and WDID number as shown in the subject line above. Documents that are 50 MB or larger must be transferred to a disk and mailed to the Central Valley Water Board Contact.

STORM WATER QUALITY CONDITIONS:

The Applicant shall also satisfy the following additional storm water quality conditions:

1. During the construction phase, the Applicant must employ strategies to minimize erosion and the introduction of pollutants into storm water runoff. These strategies must include the following:
 - (a) the Storm Water Pollution Prevention Plan must be prepared during the project planning and design phases and implemented, as appropriate, before construction; and
 - (b) an effective combination of erosion and sediment control Best Management Practices (BMPs) must be implemented and adequately working prior to the rainy season and during all phases of construction.
2. The Applicant must minimize the short and long-term impacts on receiving water quality from the Hein Project by implementing the following post-construction stormwater management practices and as required by local agency permitting the project, as appropriate:
 - (a) minimize the amount of impervious surface;

- (b) reduce peak runoff flows;
 - (c) provide treatment BMPs to reduce pollutants in runoff;
 - (d) ensure existing waters of the State (e.g., wetlands vernal pools, or creeks) are not used as pollutant source controls and/or treatment controls;
 - (e) preserve and where possible, create or restore areas that provide important water quality benefits, such as riparian corridors, wetlands, and buffer zones;
 - (f) limit disturbances of natural water bodies and natural drainage systems caused by development (including development of roads, highways, and bridges);
 - (g) use existing drainage master plans or studies to ensure incorporation of structural and non-structural BMPs to mitigate the projected pollutant load increases in surface water runoff;
 - (h) identify and avoid development in areas that are particularly susceptible to erosion and sediment loss, or establish development guidance that protects areas from erosion/ sediment loss; and
 - (i) control post-development peak storm water run-off discharge rates and velocities to prevent or reduce downstream erosion, and to protect stream habitat.
3. The Applicant shall ensure that all development within the project provides verification of maintenance provisions for post-construction structural and treatment control BMPs as required by the local agency permitting the project. Verification shall include one or more of the following, as applicable:
- (a) the developer's signed statement accepting responsibility for maintenance until the maintenance responsibility is legally transferred to another party; or
 - (b) written conditions in the sales or lease agreement that require the recipient to assume responsibility for maintenance; or
 - (c) written text in project conditions, covenants and restrictions for residential properties assigning maintenance responsibilities to a home owner's association, or other appropriate group, for maintenance of structural and treatment control BMPs; or
 - (d) any other legally enforceable agreement that assigns responsibility for storm water BMPs maintenance.

CENTRAL VALLEY WATER BOARD CONTACT:

Stephanie Tadlock, Environmental Scientist
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670-8114
Stephanie.Tadlock@waterboards.ca.gov
(916) 464-4644

CALIFORNIA ENVIRONMENTAL QUALITY ACT:

The City of Elk Grove is the Lead Agency responsible for compliance with the California Environmental Quality Act for the Hein Project pursuant to § 21000 et seq. of the Public Resources Code. The City of Elk Grove certified the Environmental Impact Report and Statement of Overriding Considerations on 17 June 2004. The City of Elk Grove filed a Notice

of Determination with the State Clearinghouse on 17 June 2004 (SCH No. 2000082139). Significant and unavoidable impacts identified in the Statement of Overriding Considerations include impacts to biological resources.

The Central Valley Water Board is a responsible agency for the project. The Central Valley Water Board has determined that the Environmental Impact Report is 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. The proposed mitigation measures discussed in the Environmental Impact Report were adopted to avoid and minimize project impacts to State waters and are required by this Certification.

With regard to the remaining impacts identified in 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 Richland Communities, Hein Project (WDID#5A34CR00639) 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. Through this Order, 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, Richland Communities' 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 June 2015.

Original Signed by Adam Laputz for

Pamela C. Creedon
Executive Officer

Enclosure: Project Information Sheet

Attachments: Figure 1 – Project Location Map
Figure 2 – Site Impacts Map

cc: Distribution List, page 14

PROJECT INFORMATION SHEET

Application Date: 9 June 2015

Applicant: Clifton Taylor
Richland Communities
3000 Lava Ridge Court, Suite 115
Roseville, CA 95661

Applicant Representative: Ginger Fodge
Gibson & Skordal, LLC
2617 K Street, Suite 175
Sacramento, CA 95816

Project Name: Hein Project

Application Number: WDID#5A34CR00639

Date on Public Notice: 12 June 2015

Date Application Deemed Complete: 13 July 2015

Type of Project: Development - Residential

Approved Months of Project Implementation: 1 April through 31 October

Project Location: Section 10, Township 6 North, Range 5 East, MDB&M.
Latitude: 38°23'3.156" N and Longitude: 121°24'46.692" W

County: Sacramento County

Receiving Water(s) (hydrologic unit): Unnamed seasonal wetland, pond and ditches,
Sacramento Hydrologic Basin, Valley-American Hydrologic Unit #519.11, Franklin HSA

Water Body Type: Wetland, Lake/Pond, Streambed

Designated Beneficial Uses: The *Water Quality Control Plan for the Sacramento River and San Joaquin River Basins*, Fourth Edition, revised June 2015 (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: An unnamed wetland, pond, and roadside ditch are the receiving waters for the Hein Project. The unnamed wetland, pond, and roadside ditch are not listed on the 303(d) list; therefore, this project will not impact an impaired water body. 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 Hein Project (Project) is located near the intersection of Poppy Ridge Road and Bruceville Road in the Laguna Ridge Specific Plan development area in the city of Elk Grove. The Project consists of grading and filling for construction of 79 single family residential lots, roadways, landscape areas, and two parks.

Grading activities will fill 0.01 acre/368 linear feet of jurisdictional roadside ditch (waters of the United States) on the western limit of the Project area boundary, as shown on Figure 2. Seasonal wetlands, a seasonal pond, and two ditches located within the Project area boundary, as shown on Figure 2, have been deemed non-jurisdictional by the United States Army Corps of Engineers. Grading activities will fill 1.79 acres of seasonal pond, 0.02 acre/724 linear feet of ditch, and 0.20 acre of seasonal wetlands (waters of the State).

Valley elderberry longhorn beetle habitat has been identified within the Project area and may be impacted as a result of construction activities. The Applicant will follow the United States Fish and Wildlife Conservation Guidelines for the Valley Elderberry Longhorn Beetle dated 9 July 1999.

No dewatering will occur within the Project area. No wet concrete will be placed into waters of the United States. The Project will permanently impact 0.01 acre/368 linear feet of waters of the United States and permanently impact 2.01 acres/724 linear feet of waters of the State.

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

Proposed Mitigation to Address Concerns: The Applicant will implement Best Management Practices to control sedimentation and erosion. This Certification requires all work to be conducted during periods of no flow. In the event that project activities result in any materials reaching surface waters or unanticipated in-water work occurs, the Applicant will conduct turbidity and settleable matter testing. During this testing, the Applicant will stop 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 10,000 cubic yards of native soil will be placed into 0.01 acre of waters of the United States and 2.01 acres of waters of the State.

Dredge Volume: None

California Integrated Water Quality System Impact Data: The Project will permanently impact 2.02 acres/1,092 linear feet of wetland, stream bed, and lake habitat from fill activities.

Table 2: Impacts from Fill Activities

Aquatic Resource Type	Temporary			Permanent					
				Physical Loss of Area			Degradation of Ecological Condition Only		
	Acres	Cubic-yards	Linear-feet	Acres	Cubic-yards	Linear-feet	Acres	Cubic-yards	Linear-feet
Lake/Pond	--	--	--	1.79	--	--	--	--	--
Stream Channel	--	--	--	0.03	--	1,092	--	--	--
Wetland	--	--	--	0.20	--	--	--	--	--
Total	--	--	--	2.02	--	1,092	--	--	--

United States Army Corps of Engineers File Number: SPK-2013-01094

United States Army Corps of Engineers Permit Type: Nationwide Permit #14

California Department of Fish and Wildlife Streambed Alteration Agreement: The Applicant has determined that a Streambed Alteration Agreement is not required for this Project.

Possible Listed Species: Vernal pool fairy shrimp, Vernal pool tadpole shrimp, Swainson's hawk, Giant garter snake, and Valley Elderberry Longhorn Beetle.

Status of CEQA Compliance: The City of Elk Grove certified an Environmental Impact Report on 17 June 2004. The City of Elk Grove filed a Notice of Determination with the State Clearinghouse on 17 June 2004 (SCH No. 2000082139).

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. At a minimum, compensatory mitigation must achieve a ratio of 1:1 for permanent impacts. Evidence of mitigation includes, but is not limited to, the purchase of 0.20 acre of floodplain mosaic wetland mitigation credits, 1.79 acres of pond habitat mitigation credits, and 0.02 acre of stream bed habitat mitigation credits from the Cosumnes Floodplain Bank (Westervelt Ecological Services) for permanent impacts to waters of the State. In addition, the Applicant shall also purchase 0.01 acre of stream bed habitat mitigation credits from Cosumnes Floodplain Bank (Westervelt Ecological Services) for permanent impacts to waters of the United States, or as otherwise required by the United States Army Corps of Engineers.

Table 3: Compensatory Mitigation for Permanent Physical Loss of Area

Aquatic Resource Type	Comp Mitigation Type			Units		Established	Re-established	Rehabilitated	Enhanced	Preserved	Unknown
	In-Lieu	Mit. Bank	Permittee Responsible	AC (Acres)	LF (Linear Feet)						
Wetland	--	X	X	0.20	--	X	--	--	--	--	--
Lake/Pond	--	X	X	1.79	--	X	--	--	--	--	--
Stream Bed	--	X	X	0.03	--	X	--	--	--	--	--
Total	--	--	--	2.02	--	--	--	--	--	--	--

Application Fee Provided: Total fees of \$14,742.00 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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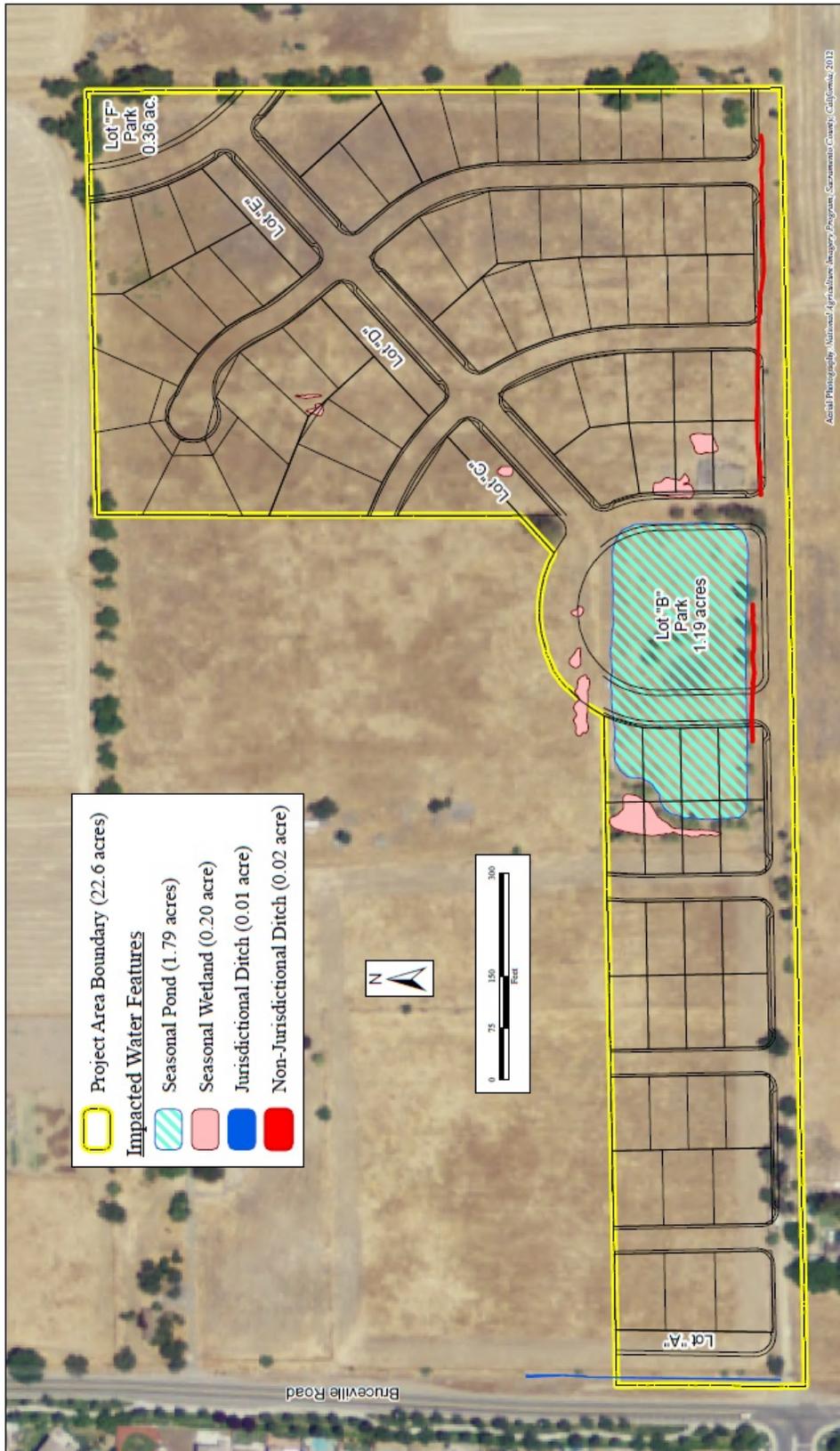


Figure 2 – Site Impacts Map