

APPENDIX B

CONSULTATION AND COORDINATION



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Sacramento Fish and Wildlife Office
2800 Cottage Way, Room W-2605
Sacramento, California 95825-1846



In reply refer to:

08ESMF00-2012-CPA-0158-2

OCT - 1 2012

Ms. Alicia E. Kirchner
Chief, Planning Division
Corps of Engineers, Sacramento District
1325 J Street
Sacramento, California 95814-2922

Dear Ms. Kirchner:

Enclosed is the Fish and Wildlife Service's Fish and Wildlife Coordination Act report for the Placer County SMD 3 Regional Sewer Project proposed by the Corps of Engineers in Placer County, California. A main goal of the project is to bring the SMD 3 system into compliance with Waste Discharge Requirement Order R5-2007-0070 issued by the Central Valley Regional Water Quality Control Board on June 22, 2007.

If you have any questions regarding this project, please contact Harry Kahler at (916) 414-6612.

Sincerely,

Daniel Welsh
Assistant Field Supervisor

Enclosures

cc:

Mario Parker, Corps of Engineers, Sacramento, CA
Reg. Mgr., North Central Region, CDFG, Rancho Cordova, CA
Howard Brown, NOAA Fisheries, Sacramento, CA

Fish and Wildlife Coordination Act Report

on

Placer County SMD 3 Regional Sewer Project, Placer County, California

September 27, 2012

This is the Fish and Wildlife Service's (Service) Fish and Wildlife Coordination Act Report on the effects of the proposed Placer County Sewer Maintenance District (SMD) 3 Regional Sewer Project (proposed project) on fish and wildlife resources in Placer County, California. This report has been prepared under the authority of, and in accordance with, the provisions of the Fish and Wildlife Coordination Act (48 stat. 401, as amended: 16 U.S.C. 661 et seq.). As part of the proposed project, the SMD 3 service area would be annexed into the South Placer Wastewater Authority (SPWA) service area boundaries in order to bring the SMD 3 system into compliance with waste discharge requirements issued by the Central Valley Regional Water Quality Control Board (CVRWQCB) on June 22, 2007.

BACKGROUND

The Placer County SMD 3 wastewater treatment plant (WWTP) was constructed in 1962 and currently services an area of about 1,846 acres. SMD 3 provides sewer and wastewater treatment service to 1,500 residents (615 equivalent dwelling units) in the Horseshoe Bar area of Loomis (Figure 1). On June 22, 2007, the CVRWQCB issued more stringent waste discharge requirements (WDR; R5-2007-0070) and a Cease and Desist Order (CDO; R5-2007-0071) for the SMD 3 WWTP. The existing WWTP was not designed to meet many of the treatment requirements listed in the orders.

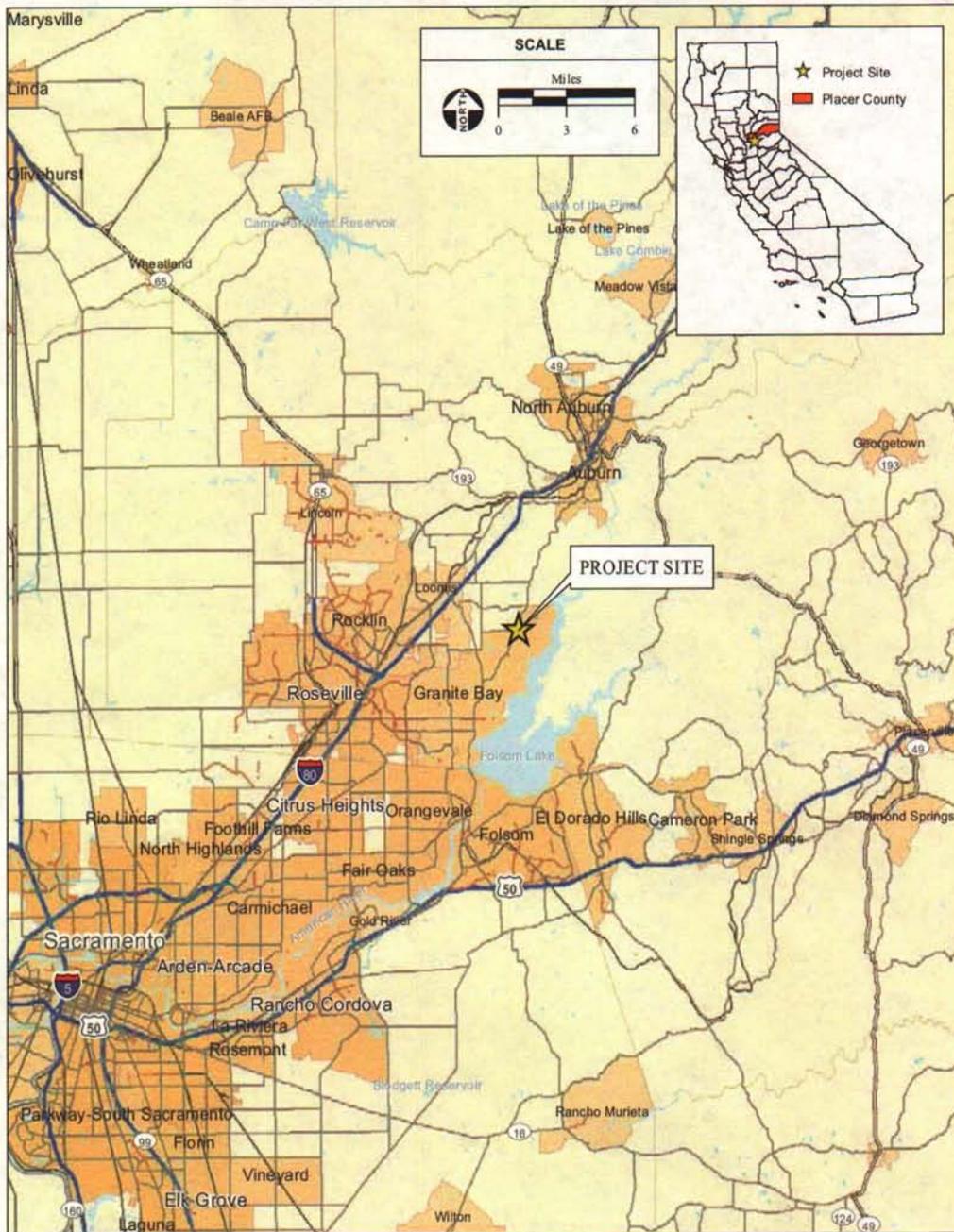
Placer County determined that decommissioning the SMD 3 WWTP and connecting to a regional treatment system would be more cost effective than upgrading the existing WWTP. Therefore, the proposed project is to construct a new pumping station and force main pipeline to convey wastewater into the existing Sewer Maintenance District 2 (SMD 2) collection system, which connects to the South Placer Wastewater Authority (SPWA) interceptor and treatment system.

PROJECT DESCRIPTION

Several engineering studies identified feasible alternatives for conveyance of wastewater flows from the SMD 3 service area to regional wastewater treatment facilities. Connection to the SMD 2 system was identified as the most direct means of conveyance of wastewater flows, minimizing the amount of new conveyance facilities and need for upgrades to existing facilities. Project alternatives each include decommissioning the SMD 3 WWTP and constructing a pump station, and aligning a new force main to convey wastewater flows to the SMD 2 collection system for connection to the SPWA interceptor and regional treatment facilities. Three alternative alignments (Alternative A, B, and C) of a new SMD 3 force main were designed for consideration, as well as the No Action Alternative. Alternative B has been chosen as the preferred alternative for the new SMD 3 force main alignment.

Pump Station

The proposed pump station would be built on the property where the SMD 3 WWTP currently exists. Major components of the proposed duplex pumping station include wet well (with



SOURCE: StreetMap North America, 2009; AES, 2011

Placer County SMD 3 Regional Sewer Project EA/EIR / 210513 ■

Figure 1
Proposed Project Site Location

submersible pumps), outdoor standby generator, emergency storage, check valves, seated gate valves, flow meters, a pipeline inspection gauge launching station, odor control mechanisms, and an electrical building with an outdoor chemical containment pad for future addition of odor control facilities. The exact location for each component is subject to change.

Force Main Alignment

Under Alternative A, a 10-inch diameter force main would be installed mainly along the Auburn-Folsom Road and Joe Rodgers Road right-of-way (ROW). Additionally, a portion of the Alternative A alignment would divert from the ROW and follow the existing County utility easement that extends through land adjacent to the Hidden Valley subdivision (which includes land designated as “open space”). The total length of the force main would be 23,050 linear feet (LF) and would involve a 30- to 40-foot wide construction zone. The county utility easement traverses open space lands and the proposed alignment does not cross Miner’s Ravine Creek. However, portions of riparian and oak woodland habitat along the existing County utility easement would be impacted to accommodate the proposed force main.

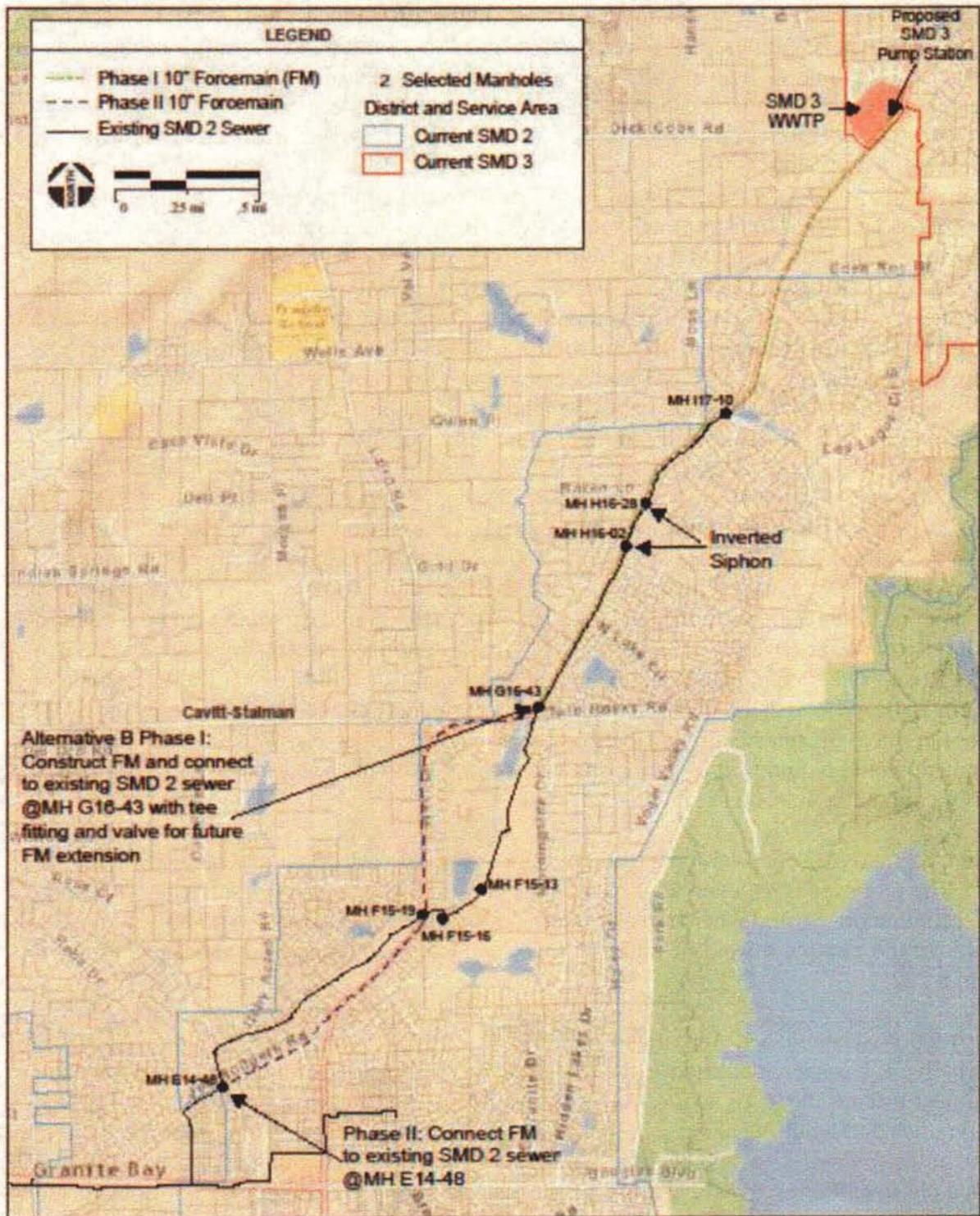
Under Alternative B, the 10-inch diameter force main to convey wastewater from SMD 3 to the SMD 2 sewer system for treatment would be 23,250 LF long and would be installed entirely within the Auburn-Folsom Road and Joe Rodgers Road ROW (Figure 2). From the pump station, the new force main will be constructed southward in two phases. The first phase of the new pipeline will extend from the existing SMD 3 property boundary south along the Auburn-Folsom Road right-of-way for 13,100 LF, tying to existing lines near the intersection of Twin Rocks Road. The second phase will extend the force main an additional 10,150 LF south along Auburn-Folsom Road and then Joe Rodgers Road, ultimately connecting to the existing SMD 2 sewer lines near the intersection of Joe Rodgers Road and Itchy Acres Road. The Alternative B alignment would require drilling or boring under Miners Ravine Creek; however, open space areas would not be impacted.

Under Alternative C the total force main and sewer upgrade construction would be 24,150 LF long. The proposed force main alignment under Alternative C would be identical to Alternative B, except that the portion where the alignment differs between Alternative A and Alternative B would use the existing sewer line until the new force main is completed in subsequent segments through 2021.

Construction Schedule and Activities

Alternative B has been identified as the preferred alternative. Because the proposed force main alignment follows the ROW along Auburn-Folsom Road and Joe Rodgers Road, impacts to existing fish and wildlife habitats are minimized. Construction of the pump station and the first phase of the force main would begin in January 2013, and would continue until May 2014. A second phase of the force main would upgrade SMD 2 lines and is expected to be constructed in 2021.

Components of Alternative B would require general construction activities including grading, excavating, trenching, pipe installation, placement of backfill, and asphalt patching. Three potential methods could be used to construct pipelines: trenching, jack and bore tunneling, or



SOURCE: Brown and Caldwell, 3/2012; AES, 2012

Placer County SMD 3 Regional Sewer Project EA/EIR / 210513 ■

Figure 2. Alternative B Force Main Alignment.

directional drilling. The majority of the SMD 3 force main would be installed using open trench construction. Open cut trenching requires clearing of the pipeline alignment, saw cutting pavement where necessary, excavation of the trench, pipeline installation, backfill operations, and re-paving where necessary. Blasting could be required along portions of the pipeline alignment to break up in-situ rock prior to excavation. The tunneling and drilling techniques would be used where trenching is not feasible, such as crossing under Miner's Ravine Creek. The exact technique would depend on the type of substrate encountered.

The width of the trench for the 10-inch-diameter pipeline would be 34 inches and the trench depth would vary as needed to clear other utilities and be a minimum of 4 feet from the finish grade unless the approach to creek crossings necessitates a shallower installation with appropriate accommodations. The average trench depth is expected to be about 70 inches. Native backfill materials would be reused as much as possible as the intermediate fill between pipe bedding/initial fill and the roadway structural section. Unusable soil would be loaded directly on to dump trucks and hauled away for disposal per applicable County requirements. Imported backfill would be delivered to stockpiles near the open trench.

BIOLOGICAL RESOURCES

Because Alternative B has been identified as the preferred alternative, this section only discusses biological resources associated with the Alternative B force main alignment and schedule. The proposed force main alignment follows the ROW along Auburn-Folsom Road and Joe Rodgers Road; therefore, impacts to existing fish and wildlife habitats are minimized in comparison to Alternative A.

Vegetation

The SMD 3 WWTP is currently characterized by annual grasses and unvegetated sand and gravel. The grasses are trimmed during regular maintenance of the WWTP facility. The unvegetated areas are used for vehicle access and parking. Other portions are covered by concrete in association with the WWTP buildings and facilities. The Alternative B force main alignment runs along the ROW on the west side of Auburn-Folsom Road and Joe Rodgers Road, and therefore is subject to regular mowing and maintenance.

Wildlife

The SMD 3 WWTP site and proposed Alternative B force main alignment provides habitat for small mammals and reptiles. As such, it also provides habitat for predatory birds, such as the red-tailed hawk. Migratory birds including mourning doves, spotted towhees, and dark-eyed juncos utilize the area for foraging. Current management of the proposed project area affects the habitat value as the vegetation is mowed.

Fish

No fish species are likely to be affected by the proposed project. Although the Alternative B force main alignment crosses Miner's Ravine Creek at two sites, the alignment would be drilled or bored, depending on the substrate encountered, underneath the surface water and creek bed. Water through Miner's Ravine is not supplied by snowmelt or manmade reservoirs; as such, it is

a relatively warm, low flow creek with low dissolved oxygen levels. Therefore, during summer months it is unlikely to contain spawning salmonids, yet may contain a variety of minnow species.

Endangered Species

Based on a search of the Rocklin USGS quadrangle map there are several listed species which could occur within or near the project area. The complete list is included in Enclosure 1 as well as a summary of Federal agencies responsibilities under the Endangered Species Act of 1973, as amended. Of the species under the jurisdiction of the Service, the valley elderberry longhorn beetle (VELB) is of particular interest. Five elderberry shrubs are within 30 feet of the proposed project construction area. The elderberry is the sole host plant for the VELB. Enclosure 2 contains the Service's response to the Corp's informal consultation request regarding the VELB.

DISCUSSION

Service Mitigation Policy

The recommendations provided herein for the protection of fish and wildlife resources are in accordance with the Service's Mitigation Policy as published in the Federal Register (46:15; January 23, 1981).

The Mitigation Policy provides Service personnel with guidance in making recommendations to protect or conserve fish and wildlife resources. The policy helps ensure consistent and effective Service recommendations, while allowing agencies and developers to anticipate Service recommendations and plan early for mitigation needs. The intent of the policy is to ensure protection and conservation of the most important and valuable fish and wildlife resources, while allowing reasonable and balanced use of the Nation's natural resources.

Under the Mitigation Policy, resources are assigned to one of four distinct Resource Categories, each having a mitigation planning goal which is consistent with the fish and wildlife values involved. The Resource Categories cover a range of habitat values from those considered to be unique and irreplaceable to those believed to be much more common and of relatively lesser value to fish and wildlife. However, the Mitigation Policy does not apply to threatened and endangered species, Service recommendations for completed Federal projects or projects permitted or licensed prior to enactment of Service authorities, or Service recommendations related to the enhancement of fish and wildlife resources.

In applying the Mitigation Policy during an impact assessment, the Service first identifies each specific habitat or cover-type that may be impacted by the project. Evaluation species¹ which utilize each habitat or cover-type are then selected for Resource Category analysis. Selection of evaluation species can be based on several rationale, as follows: (1) species known to be sensitive to specific land- and water-use actions; (2) species that play a key role in nutrient cycling or energy flow; (3) species that utilize a common environmental resource; or (4) species that are associated with Important Resource Problems, such as anadromous fish and migratory birds, as designated by the Director or Regional Directors of the Fish and Wildlife Service. Based on the relative importance of each specific habitat to its selected evaluation species, and

¹ Note: Evaluation species used for Resource Category determinations may or may not be the same evaluation species used in a HEP application, if one is conducted.

the habitat's relative abundance, the appropriate Resource Category and associated mitigation planning goal are determined.

Mitigation planning goals range from “no loss of existing habitat value” (i.e., Resource Category 1) to “minimize loss of habitat value” (i.e., Resource Category 4). The planning goal of Resource Category 2 is “no net loss of in-kind habitat value”; to achieve this goal, any unavoidable losses would need to be replaced in-kind. “In-kind replacement” means providing or managing substitute resources to replace the habitat value of the resources lost, where such substitute resources are physically and biologically the same or closely approximate those lost.

In addition to mitigation planning goals based on habitat values, Region 8 of the Service, which includes California, has a mitigation planning goal of no net loss of acreage and value for wetland habitat. This goal is applied in all impact analyses.

In recommending mitigation for adverse impacts to fish and wildlife habitat, the Service uses the same sequential mitigation steps recommended in the Council on Environmental Quality’s regulations. These mitigation steps (in order of preference) are: avoidance, minimization, rectification of measures, measures to reduce or eliminate impacts over time, and compensation.

Four fish and/or wildlife habitats were identified in the project area which had potential for impacts from the project: riparian woodland; annual grassland; and “other.” The resource categories, evaluation species, and mitigation planning goal for the habitats impacted by the project are summarized in Table 1.

Table 1. Resource categories, evaluation species, and mitigation planning goal for the habitats possibly impacted by the Placer County Sewer Maintenance District 3 Regional Sewer Project, Placer County, California.

COVER-TYPE	EVALUATION SPECIES	RESOURCE CATEGORY	MITIGATION GOAL
Riparian woodland	Yellow warbler	2	No net loss of in-kind habitat value or acreage.
Oak woodland	Downy woodpecker	2	No net loss of in-kind habitat value or acreage.
Annual grassland	Red-tailed hawk	3	No net loss of habitat value while minimizing loss of in-kind habitat value.
Other	None	4	Minimize loss of habitat value.

The evaluation species selected for the riparian woodland cover-type is the yellow warbler, which may use these areas for breeding, foraging, and cover. This species was selected because of the Service’s responsibility for their protection and management under the Migratory Bird Treaty Act, and their overall high non-consumptive values to humans. The Service designates the riparian woodland cover-type as Resource Category 2 with a mitigation planning goal of “no net loss of habitat value or acreage.”

The evaluation species selected for the oak woodland cover-type is the downy woodpecker. Downy woodpeckers require open woodlands with mature trees for feeding and snags for reproduction. As with the yellow warbler, this species was selected because of the Service's responsibility for their protection and management under the Migratory Bird Treaty Act, and their overall high non-consumptive values to humans. The Service designates the oak woodland cover-type as Resource Category 2 with a mitigation planning goal of "no net loss of habitat value or acreage."

The evaluation species selected for the annual grassland cover-type is the red-tailed hawk, which utilizes these areas for foraging. Annual grassland areas potentially impacted by the project vary in their relative values to the evaluation species, depending on the degree of human disturbance, plant species composition, and juxtaposition to other foraging and nesting areas. Therefore the Service designates the annual grassland cover-type in the project area as Resource Category 3. Our associated mitigation planning goal for these areas is "no net loss of habitat value while minimizing loss of in-kind habitat value."

No evaluation species were identified for the "other" cover-type. This cover-type encompasses those areas which do not fall within the other cover-types such as gravel and paved roads, buildings, bare ground, riprap, etc. Generally this cover-type would not provide any significant habitat value for wildlife species. Therefore the Service designates the "other" cover-type in the project area as Resource Category 4. Our associated mitigation planning goal for these areas is "minimize loss of in-kind habitat value."

About 0.04 acre of riparian woodland habitat and 0.68 acre of oak woodland habitat would be impacted by the project. The Corps has proposed to compensate for the direct and cumulative effects to the riparian and oak woodland habitats by planting a native woody vegetation mix at a 2:1 ratio. The mitigation area would occur in the disturbed footprint of the pipeline and immediate adjacent areas where the use of construction equipment is limited. The entire disturbed grassland area would be reseeded with native herbaceous vegetation.

RECOMMENDATIONS

The Service recommends the Corps:

1. Avoid future impacts to the site by ensuring all fill material are composed of natural rock and soils that are free of contaminants.
2. Minimize project impacts by reseeded all disturbed areas at the completion of construction with native forbs and grasses.
3. Establish a mitigation plan to establish the proposed 2:1 planting ratio for riparian and oak woodland habitats. The mitigation plan should include outlined areas to be planted, species and number of stems planted, and a monitoring plan to ensure success. Coordinate a suitable mitigation plan with the Service, and the California Department of Fish and Game (CDFG).
4. Coordinate the selection of a suitable disposal site for any excavated materials with the Service, National Marine Fisheries Service (NMFS), and CDFG.

5. Contact the NMFS for possible effects of the project on federally listed species under their jurisdiction.
6. Contact the CDFG regarding possible effects of the project on State listed species.

ENCLOSURE 1

**U.S. Fish & Wildlife Service
Sacramento Fish & Wildlife Office
Federal Endangered and Threatened Species that Occur in
or may be Affected by Projects in the Counties and/or
U.S.G.S. 7 1/2 Minute Quads you requested
Document Number: 120904025744
Database Last Updated: September 18, 2011**

Quad Lists

Listed Species

Invertebrates – Service Jurisdiction

- Branchinecta lynchi
 - vernal pool fairy shrimp (T)
- Desmocerus californicus dimorphus
 - valley elderberry longhorn beetle (T)
- Lepidurus packardi
 - vernal pool tadpole shrimp (E)

Fish

- Hypomesus transpacificus – Service Jurisdiction
 - delta smelt (T)
- Oncorhynchus mykiss – NOAA Fisheries Jurisdiction
 - Central Valley steelhead (T) (NMFS)
 - Critical habitat, Central Valley steelhead (X) (NMFS)
- Oncorhynchus tshawytscha – NOAA Fisheries Jurisdiction
 - Central Valley spring-run chinook salmon (T) (NMFS)
 - winter-run chinook salmon, Sacramento River (E) (NMFS)

Amphibians – Service Jurisdiction

- Rana draytonii
 - California red-legged frog (T)

Reptiles – Service Jurisdiction

- Thamnophis gigas
 - giant garter snake (T)

Quads Containing Listed, Proposed or Candidate Species:

ROCKLIN (527C)

County Lists

No county species lists requested.

Key:

- (E) Endangered - Listed as being in danger of extinction.
 - (T) Threatened - Listed as likely to become endangered within the foreseeable future.
 - (P) Proposed - Officially proposed in the Federal Register for listing as endangered or threatened.
 - (NMFS) Species under the Jurisdiction of the [National Oceanic & Atmospheric Administration Fisheries Service](#). Consult with them directly about these species.
 - Critical Habitat - Area essential to the conservation of a species.
 - (PX) Proposed Critical Habitat - The species is already listed. Critical habitat is being proposed for it.
 - (C) Candidate - Candidate to become a proposed species.
 - (V) Vacated by a court order. Not currently in effect. Being reviewed by the Service.
 - (X) Critical Habitat designated for this species
-

ENCLOSURE 2



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Sacramento Fish and Wildlife Office
2800 Cottage Way, Room W-2605
Sacramento, California 95825-1846

In reply refer to:
08ESMF00-2012-I-0588-1

AUG 28 2012

Ms. Alicia E. Kirchner
Chief, Planning Division
U.S. Army Corps of Engineers
1325 J Street
Sacramento, California 95814-2922

Subject: Informal Endangered Species Act Consultation on the Placer County Sewer
Maintenance District 3 Wastewater Treatment Plant, Placer County, California

Dear Ms. Kirchner:

This letter is in response to your July 3, 2012, request for informal consultation with the U.S. Fish and Wildlife Service (Service) submitted by the U.S. Army Corps of Engineers' (Corps) for the Placer County Sewer Maintenance District (SMD) 3 Wastewater Treatment Plant Project (proposed project) in Placer County, California. Your request was received by the Service on July 6, 2012. You requested our concurrence that the proposed project is not likely to adversely affect the federally listed as threatened valley elderberry longhorn beetle (*Desmocerus californicus dimorphus*) (beetle). Although the Service has designated critical habitat for the beetle, none will be affected by the proposed project. This response is in accordance with section 7 of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 *et seq.*) (Act).

The findings and recommendations in this informal consultation are based on: (1) a June 22, 2012, draft Environmental Assessment/ Environmental Impact Report for the proposed project; (2) the July 3, 2012, initiation letter and biological assessment; (3) updates to the biological assessment from the Corps dated August 10, 2012; (4) electronic mail correspondence and telephone conversations between Mario Parker Ross (Corps) and Harry Kahler (Service); and (5) additional information available to the Service.

Project Background and Description

The goal of the proposed project is to bring wastewater flows currently treated by the Placer County SMD 3 Wastewater Treatment Plant into compliance with waste discharge requirements issued by the Central Valley Regional Water Quality Control Board on June 22, 2007. With the proposed project, the SMD 3 Treatment Plant will be decommissioned, and in its place a pump

station will convey wastewater via a new 10-inch diameter force main to the existing SMD 2 collection system. Wastewater from the SMD 2 collection system will continue to be conveyed via existing lines to the Dry Creek Wastewater Treatment Plant in Roseville, California.

Construction of the pump station will be confined to the 8.2-acre fenced property where the current SMD 3 Treatment Plant exists along Auburn-Folsom Road. From the pump station, the new force main will be constructed southward in two phases. The first phase of the new pipeline will extend from the existing SMD 3 property boundary south along the Auburn-Folsom Road right-of-way for approximately 18,400 linear feet (LF), tying to existing lines near the intersection of Willow Lane. The second phase will extend the force main an additional 4,850 LF south along Auburn-Folsom Road and then Joe Rodgers Road, ultimately connecting to the existing SMD 2 sewer lines near the intersection of Joe Rodgers Road and Itchy Acres Road. Force main construction will be confined to a 30-40 foot wide construction zone. Proposed staging areas include the SMD 3 property, two public parcels along Auburn-Folsom Road, and the Miners Ravine Nature Reserve parking area.

Construction of the pump station and the first phase of the force main will begin in October 2012, and will continue until May 2014. The second phase of the force main is expected to be constructed in 2021 and will take approximately 6 months to complete. The force main will be constructed using three potential methods: trenching, jack and bore tunneling, and directional drilling. Trenching involves the formation of a trench approximately 34 inches wide with an approximate average depth of 70 inches to accommodate the 10-inch diameter pipeline. Because the new force main will cross beneath two streams and other immovable land features, underground boring and directional drilling will be used in places to install underground pipeline where trenching is not feasible.

There are five elderberry shrubs (*Sambucus* sp.), the sole host plant for the beetle within 100 feet of the proposed construction area. One shrub is about 30 feet from the existing gate to the SMD 3 property, yet a chain-link fence separates the shrub from the property and construction area. The other four shrubs are within 100 feet of the proposed first phase construction area of the force main alignment. Of those, one shrub is within 20 feet of the proposed construction alignment. None of the shrubs have exit holes created by the beetle, and no elderberry shrubs will be removed or pruned.

The Corps proposes to implement the following measures to minimize potential effects to the beetle:

- High visibility construction fencing will be placed at the maximum possible distance from the dripline to the construction footprint, or up to a distance of 30 feet from the four elderberry shrubs along the proposed force main route. A biologist will be present during the installation of the fencing. The fencing will not be removed until all construction activities within 100 feet of each shrub are complete.

- Two signs will be erected approximately 20 feet apart along the high visibility construction fencing around each of the five elderberry shrubs with the following information: "This area is habitat of the valley elderberry longhorn beetle, a threatened species, and must not be disturbed. This species is protected by the federal Endangered Species Act, as amended. Violators are subject to prosecution, fines, and imprisonment."
- Because one elderberry shrub is within 20 feet of the force main construction area, a biological monitor will be present for all construction activities occurring within 20 feet of the shrub.
- A biologist will conduct an environmental awareness training to instruct all construction personnel crews about the status of the beetle and the need to protect its elderberry host plant. The training will include identification of special status species, required practices before the start of construction, general measures that are being implemented to conserve these species as they relate to the proposed project, penalties for noncompliance, and boundaries of the project area and of the permitted disturbance zones. Supporting materials containing training information will be prepared and distributed. Upon completion of training, all construction personnel will sign a form stating that they have attended the training and understand all the conservation measures. Proof of this instruction will be kept on file with the construction contractor.
- Temporary stockpiling of excavated or imported material will occur only in approved construction staging areas. Excess excavated soil will be used onsite or disposed of at a regional landfill or other appropriate facility.
- Standard precautions will be employed by the construction contractor to prevent the accidental release of fuel, oil, lubricant, or other hazardous materials.
- A litter control program will be instituted. The contractor will provide closed garbage containers for the disposal of all food-related trash items and garbage will be removed daily.
- Roadways and areas disturbed by project activities within the project area will be watered at least twice a day to minimize dust emissions.
- No insecticides, herbicides, fertilizers or other similar chemicals will be used in the project area.
- After the completion of construction activities, any temporary fill and construction debris will be removed, and disturbed areas will be restored to pre-project activities.

Based on our review of the information provided, the Service concurs with your determination that the proposed project is not likely to adversely affect the beetle. No other listed species have been documented in the project area. Unless new information reveals effects of the proposed

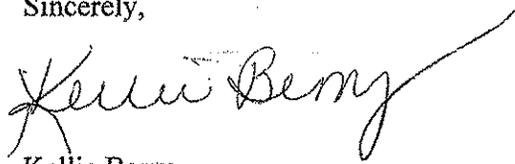
Ms. Alicia E. Kirchner

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project that may adversely affect listed species in such a manner or to an extent not considered, or a new species is listed or critical habitat is designated that may be affected by the proposed project, no further action pursuant to the Act is necessary for this project.

If you have any questions regarding the Placer County Sewer Maintenance District 3 Wastewater Treatment Plant Project, please contact Harry Kahler, Staff Biologist or myself at (916) 414-6645.

Sincerely,

A handwritten signature in cursive script that reads "Kellie Berry". The signature is written in black ink and is positioned above the printed name and title.

Kellie Berry
Chief, Sacramento Valley Division

cc:

Mario Parker, U.S. Corps of Engineers Planning Division, Sacramento, CA



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Sacramento Fish and Wildlife Office
2800 Cottage Way, Room W-2605
Sacramento, California 95825-1846

In reply refer to:
08ESMF00-2012-I-0588-2

SEP 18 2012

Ms. Alicia E. Kirchner
Chief, Planning Division
U.S. Army Corps of Engineers
1325 J Street
Sacramento, California 95814-2922

Subject: Changes to Informal Endangered Species Act Consultation Response Letter on the Placer County Sewer Maintenance District 3 Wastewater Treatment Plant, Placer County, California

Dear Ms. Kirchner:

This letter is in response to your July 3, 2012, request for informal consultation with the U.S. Fish and Wildlife Service (Service) submitted by the U.S. Army Corps of Engineers' (Corps) for the Placer County Sewer Maintenance District (SMD) 3 Wastewater Treatment Plant Project (proposed project) in Placer County, California. Your request was received by the Service on July 6, 2012. The Service responded in a letter dated August 22, 2012, with concurrence that the proposed project is not likely to adversely affect the federally listed as threatened valley elderberry longhorn beetle (*Desmocerus californicus dimorphus*) (beetle).

Based on electronic mail correspondence between Mario Parker (Corps) and Harry Kahler (Service) on September 6, 2012, the following corrections should be made to the Service's August 28, 2012, letter.

Replace the following sentence in the second paragraph of the letter, on page 1:

The findings and recommendations in this informal consultation are based on: (1) a June 22, 2012, draft Environmental Assessment/ Environmental Impact Report for the proposed project; (2) the July 3, 2012, initiation letter and biological assessment; (3) updates to the biological assessment from the Corps dated August 10, 2012; (4) electronic mail correspondence and telephone conversations between Mario Parker Ross (Corps) and Harry Kahler (Service); and (5) additional information available to the Service.

With:

The findings and recommendations in this informal consultation are based on: (1) a June 22, 2012, draft Environmental Assessment/ Environmental Impact Report for the proposed project; (2) the July 3, 2012, initiation letter and biological assessment; (3) updates to the biological assessment from the Corps dated August 10, 2012; (4) electronic mail correspondence and telephone conversations between Mario Parker (Corps) and Harry Kahler (Service); and (5) additional information available to the Service.

Replace the following paragraph in the Project Background and Description, on Page 2:

Construction of the pump station will be confined to the 8.2-acre fenced property where the current SMD 3 Treatment Plant exists along Auburn-Folsom Road. From the pump station, the new force main will be constructed southward in two phases. The first phase of the new pipeline will extend from the existing SMD 3 property boundary south along the Auburn-Folsom Road right-of-way for approximately 18,7400 linear feet (LF), tying to existing lines near the intersection of Willow Lane. The second phase will extend the force main an additional 4,850 LF south along Auburn-Folsom Road and then Joe Rodgers Road, ultimately connecting to the existing SMD 2 sewer lines near the intersection of Joe Rodgers Road and Itchy Acres Road. Force main construction will be confined to a 30-40 foot wide construction zone. Proposed staging areas include the SMD 3 property, two public parcels along Auburn-Folsom Road, and the Miners Ravine Nature Reserve parking area.

With:

Construction of the pump station will be confined to the 8.2-acre fenced property where the current SMD 3 Treatment Plant exists along Auburn-Folsom Road. From the pump station, the new force main will be constructed southward in two phases. The first phase of the new pipeline will extend from the existing SMD 3 property boundary south along the Auburn-Folsom Road right-of-way for approximately 13,100 linear feet (LF), tying to existing lines near the intersection of Twin Rocks Road. The second phase will extend the force main an additional 10,150 LF south along Auburn-Folsom Road and then Joe Rodgers Road, ultimately connecting to the existing SMD 2 sewer lines near the intersection of Joe Rodgers Road and Itchy Acres Road. Force main construction will be confined to a 30-40 foot wide construction zone. Proposed staging areas include the SMD 3 property, two public parcels along Auburn-Folsom Road, and the Miners Ravine Nature Reserve parking area.

Based on our review of the information provided, the changes noted above do not alter the Service's concurrence with your determination that the proposed project is not likely to adversely affect the beetle. All additional text in the Service's August 28, 2012, letter remains unchanged.

Ms. Alicia E. Kirchner

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If you have any questions regarding these changes or the Placer County Sewer Maintenance District 3 Wastewater Treatment Plant Project, please contact Harry Kahler, Staff Biologist or myself at (916) 414-6645.

Sincerely,

A handwritten signature in cursive script, appearing to read "Daniel Welsh".

Daniel Welsh
Assistant Field Supervisor

cc:

Mario Parker, U.S. Corps of Engineers Planning Division, Sacramento, CA



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, SACRAMENTO
CORPS OF ENGINEERS
1325 J STREET
SACRAMENTO, CALIFORNIA, 95814-2922

Environmental Resources Branch

Milford Wayne Donaldson
State Historic Preservation Officer
California Department of Parks and Recreation
Office of Historic Preservation
P.O. Box 942896
Sacramento, California 94296-0001

JUL 12 2012

Dear Mr. Donaldson:

We are writing with regard to a Draft Environmental Assessment/Environmental Impact Report (EA/EIR) that has been prepared for Placer County's (County) proposed Sewer Maintenance District 3 (SMD 3) Regional Sewer Project (Project). The Project is being partially funded through a Federal reimbursement program under the Energy and Water Development Appropriations Act that is administered by the U.S. Army Corps of Engineers, Sacramento District (Corps). As a result, the Corps is the lead agency under NEPA and the County is the lead agency under CEQA. We are requesting your concurrence with our determination and documentation of the area of potential effects (APE), the County's efforts to identify historic properties, and our determination of no historic properties affected pursuant to 36 CFR 800.4(d)(1).

The proposed Project consists of the construction of a pump station and force main to convey wastewater from the existing SMD 3 wastewater treatment plant (WWTP) to the Sewer Maintenance District 2 (SMD 2) collection system for treatment at the City of Roseville Dry Creek WWTP. As part of the proposed Project, the SMD 3 service area would be annexed into the South Placer Wastewater Authority (SPWA) service area boundaries. The goal of the project is to bring the SMD 3 system into compliance with waste discharge requirements issued by the Central Valley Regional Water Quality Control Board on June 22, 2007.

The APE is located east of the City of Rocklin, south of Interstate 80, east of Sierra College Boulevard, and east of Val Verde Road. The 8.2-acre WWTP property is bordered by Auburn-Folsom Road and rural residential development along the eastern border, undeveloped open space to the south/southwest, and a mobile home park to the north/northwest. Miners Ravine traverses the property, entering at the northeast corner, and heading west along the west boundary of the WWTP. The APE and its legal description is defined and shown in Enclosure 1.

The County contracted the professional services of Analytical Environmental Services (AES), to prepare the environmental document and conduct the cultural resources inventory. AES conducted their records and literature search on February 9, 2012. The search was negative for cultural resources within the APE. Seven historic sites, nine prehistoric sites, and one ethnohistoric site were recorded within a ¼-mile radius of the APE. A sacred sites search with the Native American Heritage Commission was negative. Attempts at consultation with

numerous Native American Tribes and individuals failed to produce results, except with the Shingle Springs Band of Miwok Indians, who responded with a request for more information. The Corps will assume the lead role with the response, and will provide them with a copy of the survey report.

AES conducted their field survey in May 2011 and December 2012. The APE was surveyed in 10 to 15 meter transects beginning 5 meters from the edge of the pavement. The surface visibility was poor due to extensive vegetation. The survey archeologist conducted intermittent shovels scrapes and road cuts, and disturbed ground surface piles were purposely checked for possible artifacts. A 30-meter buffer zone was also checked outside of the APE. The records check showed three sites within the buffer zone. Historic period site P-31-363 was recorded as a foundation with historic debris, but no evidence of it was located during the survey. Bedrock mortar sites P-31-364 and 365 were located 30 and 40 meters from the APE, respectively. P-31-364 was the only resource that fell within the 30-meter buffer zone. Shovel scrapes were performed at both of the bedrock mortar sites which proved to be negative for any artifacts. Otherwise the APE was found to be negative for cultural resources. Specific information regarding the survey and the results is in Enclosure 1.

After carefully reviewing the proposed project description, and the negative records search and field survey report regarding the lack of cultural resources in the APE we have determined pursuant to 36 CFR 800.4(d)(1) the County's proposed Regional Sewer Project as planned will not affect properties that are eligible for, or are listed in the NRHP. However, due to the surface vegetation in the APE the Corps will require an archeological monitor to be present during ground disturbing activities.

The Corps requests your concurrence with our identification of the undertaking, determination and documentation of the APE, the adequacy of efforts to identify historic properties, and our determination of no historic properties affected. If you have any questions concerning this project, please contact Mr. Richard M. Perry, Archeologist, Planning Division at (916) 557-5218 or by e-mail at richard.m.perry@usace.army.mil. If you have any general project questions please contact Mr. Charles Austin, Project Manager, at (916) 557-7550, or by email at charles.l.austin@usace.army.mil.

Sincerely,



 Alicia E. Kirchner
Chief, Planning Division

Enclosures

**OFFICE OF HISTORIC PRESERVATION
DEPARTMENT OF PARKS AND RECREATION**

P.O. BOX 942896
SACRAMENTO, CA 94296-0001
(916) 653-6624 Fax: (916) 653-9824
calshpo@ohp.parks.ca.gov
www.ohp.parks.ca.gov



13 September 2012

In Reply Refer To: COE120713A

Alicia E. Kirchner
Chief, Planning Division
Department of the Army
U.S. Army Engineer District, Sacramento
1325 J Street
Sacramento, CA 95814

Re: Section 106 consultation for proposed Sewer Maintenance District 3 (SMD 3) Regional Sewer Project

Dear Ms. Kirchner:

Pursuant to 36 CFR Part 800 (as amended 8-05-04) regulations implementing Section 106 of the National Historic Preservation Act, the Army Corps of Engineers (COE), is seeking my comments on its determination of the Area of Potential Effects (APE), historic property identification efforts, and finding of effects that the proposed undertaking will have on historic properties.

The proposed undertaking will partially fund through a Federal reimbursement program under the Energy and Water Development Appropriations Act administered by the COE that will allow for the construction of a pump station and force main to convey wastewater from the existing SMD 3 wastewater treatment plant (WWTP) to the SMD 2 collection system for treatment at the City of Roseville Dry Creek WWTP.

The APE for the proposed project is defined to include the entire area within the boundaries of the WWTP, all construction staging areas, the construction corridor and twenty-foot buffers on either side. The vertical APE varies, but averages approximately six feet in depth.

Consultation with the Native American Heritage Commission revealed no sacred lands present and consultation with local Native American tribal members identified no concerns with the undertaking. Shingle Springs Band of Miwok Indians have requested more information and the COE will provide them with a copy of the survey report.

The following report was submitted as evidence of your efforts to identify historic properties in the project Area of Potential Effects (APE):

- *Cultural Resources Report Placer County SMD 3 Regional Sewer Project (Analytical Environmental Services, May 2012).*

A records search indicated the presence of three archaeological sites located outside of the APE but within close proximity, about 40 meters. Pedestrian survey in 10 to 15 meter transects relocated two of the three sites (P-31-364) and (P-31-365). No artifacts were uncovered during shovel scrapes at these bedrock mortar sites. The third site, a historic foundation and debris site (P-31-364) was not relocated and presumed to have been destroyed. The APE was found to be negative for cultural resources. Heavy vegetation limited surface visibility during survey;

consequently the COE will require an archaeological monitor to be present during all ground disturbing activities.

After reviewing your letter and supporting documentation, pursuant to 36 CFR 800.4(d)(1), I concur that there will be no historic properties affected by this undertaking.

Be advised that under certain circumstances, such as unanticipated discovery or a change in project description, the COE may have additional future responsibilities for this undertaking under 36 CFR Part 800. Thank you for seeking my comments and for considering historic properties in planning your project. If you require further information, please contact Brendon Greenaway of my staff at phone 916-445-7036 or email bgreenaway@parks.ca.gov.

Sincerely,

A handwritten signature in cursive script that reads "Susan H. Stratton for".

Milford Wayne Donaldson, FAIA
State Historic Preservation Officer



DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, SACRAMENTO
CORPS OF ENGINEERS
1325 J STREET
SACRAMENTO, CALIFORNIA, 95814-2922

REPLY TO
ATTENTION OF

Environmental Resources Branch

Mr. Daniel Fonseca
Cultural Resources Director
Shingle Springs Band of Miwok Indians
Shingle Springs Rancheria
5281 Honpie Road
Placerville, California 95667

JUL 12 2012

Dear Mr. Fonseca:

We are writing in response to a letter that you sent to Placer County's archeological consultant Mr. Tobin Rodman with Analytical Environmental Services (AES) on February 21, 2012 (Enclosure 1) with regard to the Placer County Sewer Maintenance District 3 Sewer Project near Loomis in Placer County, California. The proposed project is being partially funded through a Federal reimbursement program under the Energy and Water Development Appropriations Act that is administered by the U.S. Army Corps of Engineers, Sacramento District (Corps). We are replying to your letter because the tribal consultation is the responsibility of the Corps, as the lead Federal agency conducting Section 106 compliance.

The area of potential effects (APE) is located east of the City of Rocklin, south of Interstate 80, east of Sierra College Boulevard, and east of Val Verde Road. The 8.2-acre wastewater treatment plant property is bordered by Auburn-Folsom Road and rural residential development along the eastern border, undeveloped open space to the south/southwest, and a mobile home park to the north/northwest. Miners Ravine traverses the property, entering at the northeast corner, heading west along the west boundary of the wastewater treatment plant. The APE and its legal description is defined and shown in Enclosure 2.

The County contracted with AES, to conduct the cultural resources inventory. AES conducted their records and literature search on February 9, 2012. The search was negative for cultural resources within the APE. Seven historic sites, nine prehistoric sites, and one ethnohistoric site were recorded within a ¼-mile radius of the APE. A sacred sites search with the Native American Heritage Commission was negative.

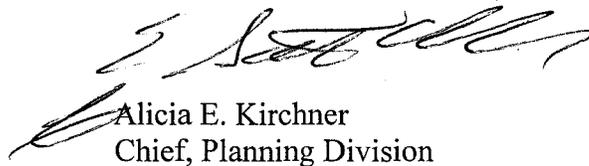
AES performed their field survey in May 2011 and December 2012. The APE was surveyed in 10 to 15 meter transects beginning 5 meters from the edge of the pavement. The surface visibility was poor due to extensive vegetation. The survey archeologist conducted intermittent shovels scrapes and road cuts, and disturbed ground surface piles were purposely checked for possible artifacts. A 30-meter buffer zone was also checked outside of the APE. The records check showed three sites within the buffer zone. Historic period site P-31-363 was recorded as a foundation with historic debris, but no evidence of it was located during the survey. Bedrock mortar sites P-31-364 and 365 were located 30 and 40 meters from the APE, respectively. P-31-364 was the only resource that fell within the 30-meter buffer zone. Shovel

scrapes were performed at both of the bedrock mortar sites which proved to be negative for any artifacts. Otherwise, the APE was found to be negative for cultural resources. Specific information regarding the survey and the results is in Enclosure 2. Due to the surface vegetation in the APE the Corps will require an archeological monitor to be present during ground disturbing activities.

In your letter you requested all information regarding surveys, record searches, and environmental reports. We are enclosing a CD of the survey report which includes the results of the records search. The environmental reports are on file with Placer County. Our archeologist, Mr. Richard Perry is only involved with the cultural resources aspect of the Project.

Please review the enclosed documentation and provide your comments. Mr. Perry would be happy to meet with you or Ms. Dilworth regarding this project. We look forward to your response. If you have any questions or comments, please contact Mr. Richard Perry, Archeologist, at (916) 557-5218, or by email at richard.m.perry@usace.army.mil. Please contact Mr. Charles Austin, Project Manager, at (916) 557-7550 with any specific project questions.

Sincerely,



Alicia E. Kirchner
Chief, Planning Division

Enclosures