

3.3.10 Cultural Resources

The discussion of cultural interests is divided into four sections. The affected environment is discussed in Section 3.3.10.1, environmental effects of the Project are discussed in Section 3.3.10.2, unavoidable adverse effects are addressed in Section 3.3.10.3 and proposed measures recommended by agencies, Indian tribes and other interested parties in written comments on that DLA that were not adopted by SSWD are discussed in Section 3.3.10.4.

Existing, relevant, and reasonably available information was not sufficient to determine the potential effects of the Project on cultural resources so SSWD conducted one study, Study 10-1, *Cultural Resources Study*.

3.3.10.1 Affected Environment

Relicensing the Project with FERC is considered to be a federal undertaking, subject to compliance with Section 106 of the NHPA of 1966 (Section 106), as amended, and its implementing regulations at 36 C.F.R. Part 800. Section 106 requires federal agencies to take into account the effects of their undertakings on historic properties (i.e., cultural resources listed on or eligible for listing on the NRHP). On May 13, 2016, FERC designated SSWD as its non-federal representative for purposes of consultation under Section 106 in accordance with 36 C.F.R. 800.2(c)(4). SSWD contracted HDR to conduct the *Cultural Resources Study* to assist FERC in identifying and assessing Project-related effects to historic properties, pursuant to meeting its Section 106 compliance requirements.

The *Cultural Resources Study* was conducted to identify, describe, and evaluate archaeological and built environment resources as potential historic properties in the Project relicensing APE. The California State Historic Preservation Officer (SHPO) agreed with the delineation of the Project relicensing APE in a letter dated September 2, 2016 (SHPO Reference Number: FERC_2016_0701_001). A separate study (Study 11-1, *Tribal Interests Study*) was conducted to investigate areas of tribal interest, including Traditional Cultural Properties, Indian Trust Assets, and tribal agreements as potential historic properties and is discussed in Section 3.3.11.

The *Cultural Resources Study* Report, a final version of which was filed with FERC on June 7, 2019,¹ documents the study efforts and findings that are presented in this section. The report includes a Public version that summarizes the methods and results of the study, and a Privileged version that presents the complete methods and results of the study. SSWD submitted a draft of the report to potentially affected Native American tribes on February 22, 2019, for review and comment. No comments were received from the tribes. The draft report was then submitted to the SHPO for review and concurrence on April 2, 2019. The SHPO provided comments in a letter dated May 2, 2019, requesting additional information regarding consultation efforts and SSWD provided additional information and clarifications in a letter package on May 14, 2019. The SHPO provided response letters dated May 24, 2019, and June 4, 2019, concurring with each of the resource evaluations recommended in the draft report. In the letter dated May 24, 2019, the SHPO provided comments on historic property identification efforts, assessments of

¹ See FERC's ELibrary Accession No. 201906075078 and Accession No. 201906075079.

adverse effects, and regarding some built environment resource information that required clarification.

The remainder of this section summarizes the preliminary results of the *Cultural Resources Study*. This section is organized into two parts: 1) resources identified and 2) on-going Project-related effects. The first part is organized by resource type (i.e., archaeological and built environment) and summarizes the cultural resources identified during the *Cultural Resources Study*. The second part summarizes the existing or on-going Project-related effects to those resources identified during the *Cultural Resources Study* as potential historic properties.

3.3.10.1.1 Archaeological and Built Environment Resources Identified

Archaeological Resources

The *Cultural Resources Study* resulted in the identification of 90 archaeological sites within the APE. Of these 90 sites, 56 were newly recorded and 34 were previously recorded. These 90 sites include 39 historical sites, 33 prehistoric sites, and 18 multi-component sites that are comprised of both historical and prehistoric components. In addition to these archaeological sites, one archaeological district was identified. As defined at 36 C.F.R. 60.3, “A district is a geographically definable area, urban or rural, possessing a significant concentration, linkage, or continuity of sites, buildings, structures, or objects united by past events or aesthetically by plan or physical development. A district may also comprise individual elements separated geographically but linked by association or history.” A brief summary of these archaeological resources is provided below, followed by Table 3.3.10-1, which lists all 90 archaeological sites. The SHPO has concurred with all of the eligibility determinations described below, either previously or during SHPO’s review of the *Cultural Resources Study Report*.

Prehistoric Sites

Of the 90 archaeological sites identified within the APE, 33 are prehistoric. These 33 prehistoric sites include short-term habitation sites (N² = 11), milling station features (N = 10), lithic scatters (N = 9), long-term habitation sites (N=2), and one site comprised of possible rock art (N=1). Sixteen of these 33 prehistoric sites identified within the APE remain unevaluated with regards to their eligibility for listing on the NRHP, 15 have been evaluated as ineligible for inclusion on the NRHP, and two have been evaluated as eligible for the NRHP as part of the *Cultural Resources Study*.

Historical Sites

Of the 90 archaeological sites identified within the APE, 39 are historical. These 39 historical sites include transportation sites (N = 16), mining sites (N = 12), habitation sites with associated features (N = 4), trash scatters sites (N = 4), one water control site (N = 1), and two other sites that do not fit into a specific site type (N = 2). Seven of these 39 historical sites identified within the APE remain unevaluated with regards to their eligibility for listing on the NRHP, and 31 have been evaluated as ineligible for inclusion on the NRHP as part of the *Cultural Resources Study* (three of the ineligible sites were previously determined ineligible and SHPO concurred with these determinations). One

² “N” means “number” and refers to the number of elements in a sample.

site has already been determined eligible for the NRHP (SHPO has previously concurred with this evaluation), but the portion within the APE is evaluated as a non-contributing component to this eligible site as part of the *Cultural Resources Study*.

Multicomponent Sites

A total of 18 multicomponent sites were identified within the APE. The prehistoric components of these 18 sites include short-term habitation locations (N = 9), lithic scatters (N = 6), milling station features (N = 2), and long-term habitation locations (N = 1). The historical components include refuse scatters (N = 11), mining sites (N = 3), habitation sites (N = 3), and one other site that does not fit into a specific site type (N = 1). Two of the multicomponent sites have been evaluated as eligible for inclusion on the NRHP, nine have been evaluated as ineligible for inclusion on the NRHP, and the other seven remain unevaluated for inclusion on the NRHP.

Archaeological District

One prehistoric archaeological district, the Middle Bear River (Kumin Seyo) Prehistoric Archaeological District, was identified within the APE during the *Cultural Resources Study*. This discontinuous archaeological district consists of all prehistoric archaeological sites and components located along the foothill reach of the Bear River and its tributaries within the APE (this includes both prehistoric sites and the prehistoric components of the multi-component sites; N=51). This district has been evaluated as eligible for inclusion on the NRHP as part of the *Cultural Resources Study*. Of the 51 district elements, 23 remain unevaluated with regards to whether or not they contribute the district's NRHP eligibility, 22 have been evaluated as non-contributing elements, and six have been evaluated as contributing elements.

Table 3.3.10-1. Summary table of all archaeological sites identified within the APE.

| Count | Site No. (Primary/ Trinomial/ Temp. No.) | Age | Type | Description | Individual NRHP Eligibility | Middle Bear River (Kumin Seyo) Prehistoric Archaeological District ¹ |
|-------|---|-----|---------------------------------------|--|-----------------------------------|---|
| 1 | P-58-3142 CA-YUB-1948 HDR-CFWH-01 | P | Short-Term Habitation | Lithic scatter comprised of one CCS flake, one biface fragment, and one handstone. Age unknown. | Ineligible | NC |
| 2 | P-58-3142 CA-YUB-1949H HDR-CFWH-02 | H | Other | Historic pipeline and concrete foundation box with metal pulley and a metal pipe. This site is likely associated with the North Shore Recreation Area, putting the age of the site circa 1960s. | Ineligible | N/A |
| 3 | P-58-3144 CA-YUB-1950 HDR-CFWH-04 | P | Milling Feature | Bedrock milling station with three milling surfaces (Features 1-3) and two artifacts, a milling slab fragment and a handstone fragment. Age unknown. | Unevaluated | Unevaluated |
| 4 | P-58-3145 CA-YUB-1951H HDR-CFWH-05 | H | Transportation | Historic road segment that appears to correspond to a historic road segment that appears on the 1951 Camp Far West, California 7.5' U.S.G.S topographic quadrangle, and branches off of another historical road (P-58-2570). Contains one feature, a metal culvert pipe which is 8 inches in diameter, and traverses beneath the historical road segment near its center and is about 36 ft long. | Ineligible | N/A |
| 5 | P-31-6297 CA-PLA-2705H HDR-CFWH-06 | H | Other | Historic waterline pipe with 2 repurposed railroad car couplings. This site is likely associated with the South Shore Recreation Area, putting the age of the site circa 1960s. | Ineligible | N/A |
| 6 | P-58-3146 CA-YUB-1952 HDR-CFWH-07 | P | Milling Feature | Bedrock milling station with two mortar cups. Age unknown. Silt appears to be protecting site from impacts. | Unevaluated | Unevaluated |
| 7 | P-31-6301 CA-PLA-2708H HDR-CFWH-08 | H | Trash Scatter | Historic trash scatter. Artifacts present include: cast iron ornamental curtain rod end, two shards of thick brown bottle glass from a square bottle, four concrete fragments with large aggregate, four terracotta water pipe fragments, and one clear glass bottle base fragment with an Owens Illinois maker's mark. Age post-1956. | Ineligible | N/A |
| 8 | P-31-6303 CA-PLA-2709/H HDR-CFWH-10 | M | P: Lithic Scatter H: Trash Scatter | This multicomponent site consists of three basalt projectile points and four historic glass fragments (two amethyst and two aqua). The historic component dates to pre-1919 and the prehistoric component dates to between 3,000 B.C. and contact. | Ineligible | P: NC H: N/A |
| 9 | P-58-3147 CA-YUB-1953H HDR-CFWH-11 | H | Transportation | Historical road segments. Segment A is currently being used as a paved boat ramp; segment B is a paved road segment. Age c. 1920s – 1940s. | Ineligible | N/A |
| 10 | P-31-6304 CA-PLA-2710 HDR-CFWH-12 | P | Short-Term Habitation | This site is a prehistoric short-term habitation site comprised of five features, sixteen artifacts, and a prehistoric lithic scatter. The features include three milling stations (Features 1-3), and two panels of possible petroglyph rock art (Features 4-5). The artifacts include 11 handstones, two projectile points, one milling slab fragment, one complete stone bowl mortar, and one fragment of a stone bowl mortar. The lithic scatter includes seven flakes. Dates between 3,000 and 500 B.C. | Eligible | C |
| 11 | P-58-3148 CA-YUB-1954H HDR-CFWH-14 | H | Habitation | Homestead site with structural remnants and an artifact scatter. An historic gravesite just outside the APE was noted. The site consists of 2 features (one structural depression and one rock alignment), one artifact concentration, and a sparse scatter of general site artifacts. Dates to c. 1860s -1880s. | Unevaluated | N/A |

Table 3.3.10-1. (continued)

| Count | Site No. (Primary/ Trinomial/ Temp. No.) | Age | Type | Description | Individual NRHP Eligibility | Middle Bear River (Kumin Seyo) Prehistoric Archaeological District ¹ |
|-------|---|-----|--------------------------|--|-----------------------------------|---|
| 12 | P-58-3149 CA-YUB-1955H HDR-CFWH-15 | H | Transportation | Historic road. This site appears to be the original route of Camp Far West Road before the reservoir existed and the road was rerouted around the reservoir. No features or artifacts observed. Dates to c. 1940s. | Ineligible | N/A |
| 13 | P-58-3150 CA-YUB-1956 HDR-CFWH-16 | P | Milling Feature | Two milling station features. Feature 1 has two conical mortars, Feature 2 has one conical mortar. Age unknown. | Unevaluated | Unevaluated |
| 14 | P-58-3151 CA-YUB-1957H HDR-CFWH-17 | H | Transportation | Historical road comprised of three dirt road segments (A-C) and two features, remnants of a concrete bridge and culvert underneath road. Dates to c. 1880-1960s. | Ineligible | N/A |
| 15 | P-58-3152 CA-YUB-1958H HDR-CFWH-19 | H | Trash Scatter | Historical roadside trash scatter with one possibly unassociated feature. This site includes a discrete scatter of six tin cans, one fuel can, two bundles of barbed wire, one bundle of hog wire, one bundle of chicken wire, one 25 gallon metal drum, a stove pipe, paint can, bed frame, sheet metal, and two pieces of milled lumber with a rectangular depression (Feature 1) located nearby. Age unknown, post c.1904. | Ineligible | N/A |
| 16 | P-58-3153 CA-YUB-1959 HDR-CFWH-20 | P | Short-Term Habitation | Prehistoric lithic scatter with 8 artifacts (flaked, ground, and battered stone) and 30+ debitage flakes. Age unknown. | Unevaluated | Unevaluated |
| 17 | P-58-3154 CA-YUB-1960 HDR-CFWH-23 | H | Transportation | Historic road with one feature, a cut that bisects the road. Dates to pre-1964. | Ineligible | N/A |
| 18 | P-29-4784/P-58- 3155 CA-NEV- 2292H/CA-YUB- 1961H HDR-CFWH-24 | H | Transportation | Historic road segments (A, B, and C). Dates to pre-1949. | Ineligible | N/A |
| 19 | P-58-3156 CA-YUB-1962H HDR-CFWH-25 | H | Habitation | Historic habitation site with three features: structural foundation, metal rod, and circular depression. Artifact 1 is a body fragment of an olive green bottle. Dates to c. 1860s-1880s. | Unevaluated | N/A |
| 20 | P-31-6305/P-58- 3157 CA-PLA- 2711H/CA-YUB- 1936H HDR-CFWH-26 | H | Transportation | Historic site composed of two segments of a historic road (Segment A and B) and a culvert. Much of the recorded road segments traverse below the high waterline of Camp Far West Reservoir, except for the north portion of Segment A. This road first appears on the official Yuba County map from 1861, as McCourtney Road and was in use until the construction of the new Camp Far West Dam in 1963 when much of the road was inundated. | Ineligible | N/A |
| 21 | P-58-3158 CA-YUB-1964H HDR-CFWH-27 | H | Transportation | Historic site composed of two segments of a historic road (Segment A and B). A third segment was identified between Segment A and Segment B, but was not recorded due to rising water levels of Camp Far West Reservoir. No features or artifacts were observed alongside either segment. Dates to pre-1960s. | Ineligible | N/A |
| 22 | P-58-3159 CA-YUB-1965 HDR-CFWH-28 | P | Short-term Habitation | Sparse and dispersed prehistoric lithic scatter composed of one milling slab fragment, one unifacial cobble, two projectile points, and one possible portable petroglyph rock art stone. Lithic debitage observed in the site consists of six flakes. Age is Unknown. | Eligible | C |

Table 3.3.10-1. (continued)

| Count | Site No. (Primary/ Trinomial/ Temp. No.) | Age | Type | Description | Individual NRHP Eligibility | Middle Bear River (Kumin Seyo) Prehistoric Archaeological District ¹ |
|-------|---|-----|---|---|-----------------------------------|---|
| 23 | P-58-3160 CA-YUB-1966 HDR-CFWH-29 | P | Short-term Habitation | Prehistoric lithic scatter with nine tools including one hammerstone, three granite handstones, two lithic cores, two bifaces, and one modified flake. Other cultural constituents include 50+ fire cracked rock, and up to 50 fragments of lithic debitage. Age is unknown. | Unevaluated | Unevaluated |
| 24 | P-58-3161 CA-YUB-1967 HDR-CFWH-30 | P | Short-term Habitation | This prehistoric site is comprised of 30+ basalt and cryptocrystalline silicate (CCS) flakes, 18 possible incised stones that are in two concentrations (Concentration 1 and Concentration 2), three handstones, two projectile points, one biface, one drill, and one milling stone. Additionally, two features were identified: a milling station (Feature 1) and a possible petroglyph rock art panel (Feature 2). Dates between 3,000 and 500 B.C. | Unevaluated | Unevaluated |
| 25 | P-58-3162 CA-YUB-1968H HDR-CFWH-31 | H | Habitation | Historic structural foundation and one olive green bottle base fragment. This structure does not appear on any historic aerials or topographic maps. Age is unknown. | Unevaluated | N/A |
| 26 | P-58-3163 CA-YUB-1969/H HDR-CFWH-32 | M | P: Short-term Habitation H: Habitation | Historic structural foundation with domestic debris consisting of approximately 100 red bricks, white ware fragments, terra cotta pipe fragments, historic glass fragments (amethyst, black, cobalt, aqua), square and wire nails, solder seam tin cans, porcelain, earthenware, a bicycle pedal, metal spikes, bolts, and notched hinges. Two prehistoric artifacts: one milling slab and one modified cobble. Historic component dates to c. 1860s-1910s. Prehistoric age is unknown. | Unevaluated | P: Unevaluated H: N/A |
| 27 | P-58-3164 CA-YUB-1970/H HDR-CFWH-34 | M | P: Short-Term Habitation H: Trash Scatter | Multicomponent site. Prehistoric component consists of a milling station with 5 conical mortars, possible hunting blind, possible petroglyph rock art panel, handstone fragment, a tested cobble, and no more than 20 basalt flakes. Historic component consists of glass fragments. Age is unknown. | P: Unevaluated H: Ineligible | P: Unevaluated H: N/A |
| 28 | P-58-3165 CA-YUB-1971H HDR-CFWH-35 | H | Transportation | Historic road segments (A and B). No features or artifacts were observed in association with these segments. The road does not appear on historic aerial or topographic maps. Age in unknown. | Ineligible | N/A |
| 29 | P-31-6306 CA-PLA-2712/H HDR-CFWH-36 | M | P: Lithic Scatter H: Trash Scatter | Prehistoric component consists of seven possible petroglyph rock art panels and one biface. Historic component consists of two parts of the same lock. The historic lock dates to 1836-1869. Prehistoric age is unknown. | P: Unevaluated H: Ineligible | P: Unevaluated H: N/A |
| 30 | P-29-4785 CA-NEV-2293H HDR-CFWH-37 | H | Mining | Historic mining complex with two drainages with placer tailings, two ditch features, two prospect pits, and a stacked/piled rock feature. One artifact was observed; a piece of sheet metal. Age is unknown. | Ineligible | N/A |
| 31 | P-31-6307 CA-PLA-2713H HDR-CFWH-38 | H | Transportation | Historic road segment. No features or artifacts were observed in association with this site. This road does not appear on any historic aerials or topographic maps. Age is unknown. | Ineligible | N/A |
| 32 | P-31-6308 CA-PLA-2714 HDR-CFWH-40 | P | Milling Feature | Prehistoric bedrock mortar with one mortar cup. No other features or artifacts were observed in association with the site. Age is unknown. | Unevaluated | Unevaluated |
| 33 | P-31-6309 CA-PLA-2715/H HDR-CFWH-42 | M | P: Short-Term Habitation H: Trash Scatter | Multicomponent site with 10 prehistoric features and a unifacial granite handstone. Prehistoric features consist of possible petroglyph rock art panels. Historic component includes two horseshoes, glass and stoneware fragments. Age unknown. | Unevaluated | P: Unevaluated H: N/A |

Table 3.3.10-1. (continued)

| Count | Site No. (Primary/ Trinomial/ Temp. No.) | Age | Type | Description | Individual NRHP Eligibility | Middle Bear River (Kumin Seyo) Prehistoric Archaeological District ¹ |
|-------|---|-----|---------------------------------------|---|-----------------------------------|---|
| 34 | P-31-6310 CA-PLA-2716 HDR-CFWH-43 | P | Milling Feature | Prehistoric milling station with five saucer mortars. No artifacts or other features were observed. Age Unknown. | Unevaluated | Unevaluated |
| 35 | P-58-3166 CA-YUB-1972 HDR-CFWH-44 | P | Rock Art | Possible prehistoric petroglyph rock art. No associated artifacts were observed. Age unknown. | Unevaluated | Unevaluated |
| 36 | P-31-6311 CA-PLA-2717 HDR-CFWH-46 | P | Lithic Scatter | Prehistoric lithic scatter including a tested cobble with a battered end, a biface midsection, a bifacially reduced basalt cobble, and 2 basalt flakes. Age unknown. | Ineligible | NC |
| 37 | P-31-6312 CA-PLA-2718 HDR-CFWH-48 | P | Milling Feature | Prehistoric milling site with three milling stations. No associated artifacts were observed. Age unknown. | Unevaluated | Unevaluated |
| 38 | P-31-6313 CA-PLA-2719H HDR-CFWH-51 | H | Transportation | Historic dirt road segment. This road does not appear on any historic maps. Age unknown. | Ineligible | N/A |
| 39 | P-31-6314 CA-PLA-2720H HDR-CFWH-53 | H | Transportation | Historic road segments (A and B). Segment A is unimproved, not maintained, and located below the high waterline of Camp Far West Reservoir. Segment B is unimproved, maintained, and located above the high water line of Camp Far West Reservoir. The road appears on a 1951 historic map. | Ineligible | N/A |
| 40 | P-31-6315 CA-PLA-2721 HDR-CFWH-55 | P | Lithic Scatter | Prehistoric site containing 6 stones with possible petroglyph rock art, 1 hammerstone fragment, 1 tested basalt cobble, and 1 basalt flake. Age unknown. | Unevaluated | Unevaluated |
| 41 | P-58-3167 CA-YUB-1973/H HDR-CFWH-56 | M | H: Trash Scatter P: Lithic Scatter | Historic trash scatter with seven large stoneware fragments, glass bottle fragments, and one prehistoric secondary cryptocrystalline flake. Age unknown. | Ineligible | P:N/C H: N/A |
| 42 | P-58-3168 CA-YUB-1974 HDR-CFWH-57 | P | Milling Feature | Prehistoric site with one milling station feature containing two conical mortars. No associated artifacts were observed. Age unknown. | Ineligible | NC |
| 43 | P-31-6316 CA-PLA-2722 HDR-CFWH-59 | P | Milling Feature | Prehistoric milling station with 2 mortar cups. A granite pestle was found in association with this milling feature. No other features or artifact observed in association with this site. | Ineligible | NC |

Table 3.3.10-1. (continued)

| Count | Site No. (Primary/ Trinomial/ Temp. No.) | Age | Type | Description | Individual NRHP Eligibility | Middle Bear River (Kumin Seyo) Prehistoric Archaeological District ¹ |
|-------|---|-----|---|---|-----------------------------------|---|
| 44 | P-31-6317 CA-PLA-2723 HDR-CFWH-60 | P | Short-term Habitation | One large granite pestle, one CCS contracted stem projectile point, and one CCS flake. Dates to between 5,000 and 500 B.C. | Unevaluated | Unevaluated |
| 45 | P-58-3169 CA-PLA-1975/H HDR-CFWH-64 | M | P: Short-term Habitation H: Trash Scatter | Multicomponent site. Prehistoric component consists of a lithic scatter with 20+ flakes and 2 handstones. Historic component consists of a refuse scatter with 2 artifact concentrations (possible looters pile, glass fragments). Age unknown. | Ineligible | P: NC H: N/A |
| 46 | P-31-6318 CA-PLA-2724H HDR-CFWH-65 | H | Water Control | Historic ditch broken up into two segments (Segment A and Segment B). Age unknown. | Ineligible | N/A |
| 47 | P-58-3170 CA-YUB-1976H HDR-CFWH-67 | H | Habitation | Historic site consisting of six features and a general scatter of historic refuse across the site. The six features are comprised of two rock foundations, two depressions, and two rock or dirt piles. Site may be related to "Grahams Hotel" or "Store" which is on the 1861 Historic Yuba County map approximately at the site location. Dates between 1860s and 1880s. | Unevaluated | N/A |
| 48 | P-29-4786 CA-NEV-2294H HDR-CFWH-68 | H | Mining | Historic mining site consisting of one prospect trench and two waste rock piles, and six tin cans. Dates between c. 1850 and 1940. | Ineligible | N/A |
| 49 | P-31-6319 CA-PLA-2725/H HDR-CFWH-69 | M | P: Milling Feature H: Mining | Multicomponent site. Prehistoric component consists of a single bedrock milling station with one mortar cup. Historic component consists of mining related pile of rocks. Age Unknown. | Ineligible | P: NC H: N/A |
| 50 | P-31-6320 CA-PLA-2726/H HDR-CFWH-70 | M | P: Milling Feature H: Habitation | Multicomponent site. Prehistoric component consists of a single bedrock milling station with three mortar cups. Historic component consists of historic residence complex. There are eight features: one prehistoric milling station, one depression with stacked rock, one water catchment feature, one metal pipe sticking out of the ground, one rock foundation, three concrete foundations, and one rock pile. Six historic artifacts observed. Prehistoric age: Unknown. Historic age: c. 1900-1940s. | Unevaluated | P: Unevaluated H: N/A |
| 51 | P-31-6321 CA-PLA-2727H HDR-CFWH-71 | H | Transportation | Historic road segment. Road appears on 1868 GLO plat as "Road to Lincoln". Dates to 1860s. | Ineligible | N/A |
| 52 | P-58-3171 CA-YUB-1977H HDR-CFWH-72 | H | Mining | Historic site consisting of 11 prospect pits/ circular depressions and one mound. No artifacts or other features observed. Age Unknown. | Ineligible | N/A |
| 53 | P-31-6322 CA-PLA-2728H HDR-CFWH-73 | H | Mining | Historic site consisting of five prospect pits/ circular depressions. No artifacts or other features observed. Age Unknown. | Ineligible | N/A |
| 54 | P-58-3172 CA-YUB-1978H HDR-CFWH-74 | H | Mining | Historic site consisting of four prospect pits/ circular depressions. No artifacts or other features observed. Age Unknown. | Ineligible | N/A |

Table 3.3.10-1. (continued)

| Count | Site No. (Primary/ Trinomial/ Temp. No.) | Age | Type | Description | Individual NRHP Eligibility | Middle Bear River (Kumin Seyo) Prehistoric Archaeological District ¹ |
|-------|---|-----|--------------------------|---|-----------------------------------|---|
| 55 | P-31-6323 CA-PLA-2729H HDR-CFWH-76 | H | Mining | Two prospect pits. Age unknown. | Ineligible | N/A |
| 56 | P-31-6324 CA-PLA-2730 HDR-CFWH-199 | P | Milling Feature | Prehistoric bedrock milling station with two mortar cups. Age Unknown. | Unevaluated | Unevaluated |
| 57 | P-29-0543/ CA-NEV-485H | H | Mining | Originally recorded in 1979 and updated in 1985. Site is a placer mining site with an intermittent ground sluice/ditch and three rock dams/retaining walls along a seasonal drainage. This site was not revisited during 2016-2017 field survey because it is located on private land and permission to access this land was not granted. Age unknown. | Unevaluated | N/A |
| 58 | P-29-2915 CA-NEV-2291H | H | Mining | Previously recorded in 1979 as a mining site with fourteen mining pits and test pits. Site was revisited and found to be fairly consistent with previous record, though some additional pits were observed and some of the previously recorded pits could be inundated by the reservoir or eroded away. In total, twenty-two prospect pits and trenches and one artifact, a modified coffee pot, were observed and recorded. Dates between c. 1870s and 1945. | Ineligible | N/A |
| 59 | P-29-2917 CA-NEV-2290H | H | Mining | Previously recorded in 1979 as a placer mining site with cut channel, four test pits, and stacked waste rock retainer walls. Only the south end of the site is within Project APE and was revisited 01/16/2017. One feature, a line of piled cobbles and boulders along a dug out drainage, was recorded. No artifacts were observed. Age unknown | Ineligible | N/A |
| 60 | P-29-4459/ CA-NEV-2190/ SRI-CFW-2 | P | Long-Term Habitation | Previously recorded as seven bedrock mortar cups with an estimated 30+ more submerged inundated by Bear River. Site revisited but was inundated by Bear River at time of survey. Age unknown. | Unevaluated | Unevaluated |
| 61 | P-29-4460/ CA-NEV-2191/ SRI-CFW-24 | P | Short-Term Habitation | Lithic scatter of 25 flaked, battered, and groundstone artifacts including nine cobble unifaces, two hammerstones, two cobble bifaces, two pieces of tested material, two cores, one anvil, five flakes, a cobble half, and one handstone. Age is unknown. | Ineligible | NC |
| 62 | P-29-4461/ CA-NEV-2192/ SRI-CFW-25 | P | Lithic Scatter | Lithic scatter of 14 flaked and battered stone artifacts to include five tested cobbles, two cobble bifaces, one edge-modified flake, one hammerstone, and three flakes. Age is unknown. | Ineligible | NC |

Table 3.3.10-1. (continued)

| Count | Site No. (Primary/ Trinomial/ Temp. No.) | Age | Type | Description | Individual NRHP Eligibility | Middle Bear River (Kumin Seyo) Prehistoric Archaeological District ¹ |
|-------|---|-----|---|---|-----------------------------------|---|
| 63 | P-31-5744/ CA-PLA-1179/H/ SRI-CFW-3 | M | P: Short-term Habitation H: Mining | Previously recorded in 2013 as a multicomponent site. Prehistoric component consisted of two bedrock mortars and a lithic scatter; historic component consisted of the historic hard rock Dairy Farm Mine, which included 12 mining features (prospect pits, tailings, mine shaft, rock retaining wall, concrete foundations, concrete pads, and concrete pedestals) and five historic artifact concentrations. Site was revisited November 2016 and was updated to include five historic features (prospect pit, two waste rock tailing, retention dam, and possible smelting building) and a prehistoric stage IV biface. Historic component dates from the 1900s to the 1940s. The prehistoric component dates to pre- and post-contact given the presence of glass trade beads. | Eligible | P: C H: N/A |
| 64 | P-31-5745/ CA-PLA-1180/H/ SRI-CFW-4 | M | P: Lithic Scatter H: Mining | Prehistoric lithic scatter with 10 flaked and battered stone artifacts (two cores, a tested cobble, cobble biface fragment, two hammerstones, and four flakes); Historic waste rock pile, likely from a mine shaft that has been filled in, and two depressions. Age of each component is unknown. | Ineligible | P: NC H: N/A |
| 65 | P-31-5746/ CA-PLA-1876/H/ SRI-CFW-5 | M | P: Short-Term Habitation H: Trash Scatter | Prehistoric lithic scatter with eight flaked stone artifacts (four cobble unifaces, a cobble biface, two pieces of tested material, and a tabular stone with a bifacially flaked edge) and one groundstone artifact (pointed cobble with a highly polished tip); Historic component consists of one fragment of amethyst glass dating to between the 1880s and 1920. Age of the prehistoric component is unknown. | Ineligible | P: NC H: N/A |
| 66 | P-31-5747/ CA-PLA-1886/H/ SRI-CFW-6 | M | P: Lithic Scatter H: Trash Scatter | Previously recorded in 2013 as a multicomponent site with a prehistoric lithic scatter with 9 flaked stone artifacts, historic concrete foundation, 36 historic glass and ceramic fragments. Revisited in 2016. One prehistoric primary flake, one terra cotta pipe fragment, and concrete fragments were added to the record. Age unknown. | Ineligible | P: NC H: N/A |
| 67 | P-31-5748/ CA-PLA-1887/ SRI-CFW-7 | P | Milling Feature | Previously recorded in 2013 as one bedrock mortar with one mortar cup. Site was revisited and was updated to include a second mortar cup and previously recorded mortar cup dimensions were corrected. | Ineligible | NC |
| 68 | P-31-5749/ CA-PLA-1888/ SRI-CFW-8 | M | P: Short-Term Habitation H: Habitation | Previously recorded as a prehistoric lithic scatter with 37 flaked and ground stone artifacts. Revisited in 2016 and updated to reflect multicomponent site. Historic component consists of historic trash scatter, walls and foundation of historic well, and two artifact concentrations. Prehistoric component updated to include a milling station with mortar cup, one milling slab, one biface fragment, and a pestle. Historic component may date to ca. 1915, based on historic maps. Prehistoric age unknown. | Unevaluated | P: Unevaluated H: N/A |
| 69 | P-58-1024/ CA-YUB-1006H | H | Trash Scatter | Previously recorded in 1979 as a possible homestead site dating to c. 1890-1910 with a dump with glass, ceramic, and metal artifacts, and a short canal segment. This site was not relocated during survey in 2016. | Unevaluated | N/A |
| 70 | P-58-1032/ CA-YUB-1014H | H | Mining | Previously recorded in 1979 as a placer mining operation with numerous quartz waste rock piles and associated bedrock depressions and holes along both sides of a small drainage. This site was not relocated during survey in 2016. Age unknown. | Unevaluated | N/A |

Table 3.3.10-1. (continued)

| Count | Site No. (Primary/ Trinomial/ Temp. No.) | Age | Type | Description | Individual NRHP Eligibility | Middle Bear River (Kumin Seyo) Prehistoric Archaeological District ¹ |
|-------|--|-----|---|---|--|---|
| 71 | P-58-1235/ CA-YUB-1216 | P | Long-Term Habitation | Previously recorded in 1960 as a prehistoric habitation site with midden, cremated human remains, pestle, shell and trade beads, Martis and desert-side notched projectile points, and obsidian flakes. This site was not revisited during 2016 survey due to inundation by the reservoir. Age unknown. | Unevaluated | Unevaluated |
| 72 | P-58-2570/ CA-YUB-1930H/ HDR-CFWH-03/ HDR-CFWH-22 | H | Transportation | Overland Emigrant Trail – portions are now McCourtney Road. Newly recorded 5 segments (A-E) of the site. Dates from 1841 to the present. | Eligible (Criterion A; portion within APE is a non- contributing element) | N/A |
| 73 | P-58-2868/ CA-YUB-1812/H/ SRI-CFW-1 | M | P: Lithic Scatter H: Trash Scatter | Historic artifact scatter dating to c. 1867 – 1920, including ceramic, glass, and metal domestic refuse, and one prehistoric isolated chert flake. Age of prehistoric component is unknown. | Ineligible | P: NC H: N/A |
| 74 | P-58-2872/ CA-YUB-1813/ SRI-CFW-9 | P | Short-Term Habitation | Previously recorded in 2013 as a lithic scatter with 73 flaked and ground stone artifacts. Site revisited in 2016, no significant changes to the site were observed. Age unknown. | Ineligible | C |
| 75 | P-58-2873/ CA-YUB-1814/ SRI-CFW-10 | M | P: Short-Term Habitation H: Other | Previously recorded in 2013 as a large lithic scatter with 99 flaked, battered, and ground stone artifacts. Site was revisited in 2016 and was updated to include a historical structural depression and a wooden pole. | Ineligible | P: C H: N/A |
| 76 | P-58-2874/ CA-YUB-1815/ SRI-CFW-11 | P | Lithic Scatter | Lithic scatter with 21 flaked and battered stone artifacts to include seven cobble unifaces, three cobble bifaces, two core fragments, four tested cobbles, one hammerstone, one edge-modified piece, and three pieces of debitage. Age is unknown. | Ineligible | NC |
| 77 | P-58-2875/ CA-YUB-1816/ SRI-CFW-12 | M | P: Short-Term Habitation H: Trash Scatter | Previously recorded in 2013 as a lithic scatter with 25 flaked and battered stone artifacts in two concentrations. Site was revisited in 2016 and was updated to include the addition of six possible portable petroglyph rock art stones, four bifaces, one side notched and stemmed projectile point, one milling stone, and a basalt handstone. There are three fragments of historic refuse observed in the site: one clear bottle glass with bubbles, and two white ware ceramic fragments. Historic age is unknown. Prehistoric component dates between the Late Archaic and contact periods. | Unevaluated | P: Unevaluated H: N/A |
| 78 | P-58-2876/ CA-YUB-1817/ SRI-CFW-13 | P | Lithic Scatter | Lithic scatter with seven lithic artifacts, to include one flake, one cobble biface, two cobble unifaces, two cores, one piece of assayed material. Age is unknown. | Ineligible | NC |
| 79 | P-58-2877/ CA-YUB-1818/ SRI-CFW-14 | P | Lithic Scatter | Lithic scatter with 16 flaked and battered stone artifacts: six cobble unifaces, three cobble bifaces, two pieces of tested material, one core/hammerstone, three cores, and one flake. Age is unknown. | Ineligible | NC |
| 80 | P-58-2878/ CA-YUB-1819/ SRI-CFW-15 | P | Short-Term Habitation | Previously recorded in 2013 as a prehistoric lithic scatter with nine flaked stone artifacts. Site was revisited in 2016 and was updated to include a unifacial milling slab. | Ineligible | NC |

Table 3.3.10-1. (continued)

| Count | Site No. (Primary/ Trinomial/ Temp. No.) | Age | Type | Description | Individual NRHP Eligibility | Middle Bear River (Kumin Seyo) Prehistoric Archaeological District ¹ |
|-------|---|-----|--|--|-----------------------------------|---|
| 81 | P-58-2879/ CA-YUB-1820H/ SRI-CFW-16 | H | Mining | Mining site with three prospect pits and three fragments of dark green glass. Age is unknown. | Ineligible | N/A |
| 82 | P-58-2880/ CA-YUB-1821H/ SRI-CFW-17 | H | Mining | Mining site with one prospect pit with an associated waste rock pile. Age is unknown. | Ineligible | N/A |
| 83 | P-58-2881/ CA-YUB-1822/ SRI-CFW-18 | P | Lithic Scatter | Lithic scatter with 17 flaked and battered stone artifacts include five cobble unifaces, four pieces of tested material, four cores, one cobble uniface/hammerstone, one hammerstone, one anvil, and one flake. Age is unknown. | Ineligible | NC |
| 84 | P-58-2882/ CA-YUB-1823/ SRI-CFW-19 | P | Lithic Scatter | Previously recorded in 2013 as a prehistoric lithic scatter with 30 flaked and battered stone artifacts. None of the previously recorded artifacts were relocated during 2016 survey. Age unknown. | Ineligible | NC |
| 85 | P-58- 2883/2884/2886/28 87/2888/ 2889 CA-YUB- 1824/1825/1827/18 28/1829/ 1830 HDR-CFWH-33 | M | P: Long-Term Habitation H: Trash Scatter | Multicomponent site with eight loci. Prehistoric component: consists of numerous milling stations (one milling station is cupule rock art), flakes stone tools, flakes, possible house pits, and several projectile points. Appears to represent a large prehistoric village site. Historic component consists of glass fragments, depressions. Historic age unknown. Prehistoric age 3,000 B.C. to contact. | P: Eligible H: Ineligible | P: C H: N/A |
| 86 | P-58-2885/ CA-YUB-1826/ SRI-CFW-22 | P | Short-Term Habitation | Previously recorded in 2013 as a prehistoric lithic scatter with seven flaked stone artifacts. Site was revisited in 2016 and updated to include a milling station with 6 mortar cups. Age unknown. | Unevaluated | Unevaluated |
| 87 | P-58-2890/ CA-YUB-1831/ SRI-CFW-29 | P | Lithic Scatter | Lithic scatter with 11 flaked and battered stone artifacts including six cobble unifaces, two hammerstones, one core, one biface, and one cobble biface. Age is unknown. | Ineligible | NC |
| 88 | P-58-3069/ CA-YUB-1927H/ HDR-CFWH-58 | H | Trash Scatter | Historic refuse pile, including metal can fragments and a handle to a barber's whisk brush. Dates between 1900s and 1940. | Ineligible | N/A |
| 89 | P-58-3070/ CA-YUB-1926H/ HDR-CFWH-13 | H | Transportation | Historical road segments. The road is currently paved and is used by the public. Site includes parts of McCourtney Road, Blackford Road, and Camp Far West Road. Dates between c. 1964 and 1973. | Ineligible | N/A |
| 90 | P-58-3071/ CA-YUB-1925H/ HDR-CFWH-09 | H | Transportation | Historic road segment serves as an access road to the North Shore Recreation Area. Features 1-3 are culverts. Dates to c. 1960s. | Ineligible | N/A |

¹C = Contributing; NC = Non-Contributing; N/A = Not-Applicable; Unevaluated = unevaluated as a contributing/non-contributing element.

Built Environment Resources

The built environment investigation completed as part of the *Cultural Resources Study* resulted in the identification of 11 built environment resources within the APE. These 11 resources include dam and irrigation system resources, recreation resources, and a California Department of Water Resources monitoring station. Of these 11 built environment resources, all 11 are evaluated as ineligible for inclusion in the NRHP, or have already been determined ineligible during previous work. The SHPO has concurred with all of these eligibility determinations, either previously or during their review of the *Cultural Resources Study* report. Additionally, as a grouping of resources, the dam and irrigation resources lack a significant linkage to any specific events, people, or engineering feats, and as a whole do not represent a cohesive district and do not gain significance when grouped together. Accordingly, it was found that these resources do not represent a historic district that would require evaluation for listing in the NRHP.

Table 3.3.10-2 below provides a summary of the built environment resources located and documented within the APE, as well as their eligibility evaluations.

Table 3.3.10-2. Summary table of all built environment resources identified within the APE.

| Building/Structure (Field Designation) | NRHP Eligibility |
|--|------------------------------------|
| CAMP FAR WEST PROJECT DAM AND IRRIGATION SYSTEM RESOURCES | |
| Camp Far West Dam | Not Eligible |
| Camp Far West North Wing Dam | Not Eligible |
| Camp Far West South Wing Dam | Not Eligible |
| Camp Far West North Dike | Not Eligible |
| Camp Far West Reservoir | Not Eligible |
| Bridge 16C0081 (OHP Primary No. P-58-002624) | Not Eligible |
| Camp Far West Irrigation Intake Structure | Not Eligible |
| Camp Far West Spillway | Not Eligible |
| CAMP FAR WEST RESERVOIR RECREATION RESOURCES | |
| Camp Far West Lake North Shore Recreation Facility | Not Eligible |
| Camp Far West Lake South Shore Recreation Facility | Not Eligible |
| GOVERNMENT PROPERTY IN PROJECT APE | |
| DWR Monitoring Station | Not Eligible |
| Total | 0 Eligible, 11 Not Eligible |

3.3.10.1.2 On-going Project-Related Effects Identified During Relicensing Studies

Of the 90 archaeological sites identified within the APE, 55 have been previously determined or were determined ineligible for inclusion on the NRHP as part of SSWD’s *Cultural Resources Study*. Thus, these 55 sites require no further consideration because they are not historic properties. One other site has been determined eligible for the NRHP, with SHPO concurrence. However, the portion of this site within the APE has been determined to be non-contributing in the *Cultural Resources Study*. The SHPO has concurred with this assessment, this site also requires no further consideration.

Of the remaining 34 sites that are either eligible for the NRHP or are unevaluated, and thus are historic properties or potential historic properties, 25 are being impacted by Project-related effects (primarily erosion caused by fluctuating water levels and wave action of the reservoir).

The effects for three sites are unknown and six sites are not being affected by Project-related effects. All 34 sites that are or could be historic properties will be managed under the Historic Properties Management Plan (HPMP) so that Project-related effects can be considered and/or resolved. Table 3.3.10-3 summarizes the 34 archaeological sites that are or could be historic properties and identifies those that are or will be impacted by Project-related effects.

Table 3.3.10-3. Summary table of eligible or unevaluated archaeological sites identified within the APE.

| Count | Site No. (Primary/ Trinomial/ Temp. No.) | Age | Type | Camp Far West Hydroelectric Project Related Effects (Y/N) | Type of Project Effects | Individual NRHP Eligibility |
|-------|---|-----|--|---|---|---------------------------------|
| 1 | P-29-0543/ CA-NEV-485H | H | Mining | Unknown | Unknown | Unevaluated |
| 2 | P-29-4459/ CA-NEV-2190/ SRI-CFW-2 | P | Long-Term Habitation | Unknown | Unknown | Unevaluated |
| 3 | P-31-5744/ CA-PLA-1179/H/ SRI-CFW-3 | M | P: Short-term Habitation H: Mining | Y | Fluctuating Water Levels | Eligible |
| 4 | P-31-5749/ CA-PLA-1888/ SRI-CFW-8 | M | P: Short-Term Habitation H: Habitation | Y | Fluctuating Water Levels | Unevaluated |
| 5 | P-31-6304 CA-PLA-3710 HDR-CFWH-12 | P | Short-Term Habitation | Y | Fluctuating Water Levels | Eligible |
| 6 | P-31-6306 CA-PLA-2712/H HDR-CFWH-36 | M | P: Lithic Scatter H: Trash Scatter | Y | Fluctuating Water Levels; Recreation | P: Unevaluated H: Ineligible |
| 7 | P-31-6308 CA-PLA-2714 HDR-CFWH-40 | P | Milling Feature | Y | Fluctuating Water Levels | Unevaluated |
| 8 | P-31-6309 CA-PLA-3715/H HDR-CFWH-42 | M | P: Short-Term Habitation H: Trash Scatter | Y | Fluctuating Water Levels | Unevaluated |
| 9 | P-31-6310 CA-PLA-2716 HDR-CFWH-43 | P | Milling Feature | Y | Fluctuating Water Levels | Unevaluated |
| 10 | P-31-6312 CA-PLA-2718 HDR-CFWH-48 | P | Milling Feature | N | N/A | Unevaluated |
| 11 | P-31-6315 CA-PLA-2721 HDR-CFWH-55 | P | Lithic Scatter | Y | Fluctuating Water Levels | Unevaluated |
| 12 | P-31-6317 CA-PLA-2723 HDR-CFWH-60 | P | Short-term Habitation | Y | Fluctuating Water Levels | Unevaluated |
| 13 | P-31-6320 CA-PLA-2726/H HDR-CFWH-70 | M | P: Milling Feature H: Habitation | N | N/A | Unevaluated |
| 14 | P-31-6324 CA-PLA-2730 HDR-CFWH-199 | P | Milling Feature | N | N/A | Unevaluated |
| 15 | P-58-1024/ CA-YUB-1006H | H | Trash Scatter | N | N/A | Unevaluated |

Table 3.3.10-3. (continued)

| Count | Site No. (Primary/ Trinomial/ Temp. No.) | Age | Type | Camp Far West Hydroelectric Project Related Effects (Y/N) | Type of Project Effects | Individual NRHP Eligibility |
|-------|---|-----|--|---|---|--------------------------------|
| 16 | P-58-1032/ CA-YUB-1014H | H | Mining | N | N/A | Unevaluated |
| 17 | P-58-1235/ CA-YUB-1216 | P | Long-Term Habitation | Unknown | Unknown | Unevaluated |
| 18 | P-58-2875/ CA-YUB-1816/ SRI-CFW-12 | M | P: Short-Term Habitation H: Trash Scatter | Y | Fluctuating Water Levels | Unevaluated |
| 19 | P-58- 2883/2884/2886/2887/2888/2889 CA-YUB- 1824/1825/1827/1828/1829/1830 HDR-CFWH-33 | M | P: Long-Term Habitation H: Trash Scatter | Y | Fluctuating Water Levels; Recreation | P: Eligible H: Ineligible |
| 20 | P-58-2885/ CA-YUB-1826/ SRI-CFW-22 | P | Short-Term Habitation | Y | Fluctuating Water Levels | Unevaluated |
| 21 | P-58-3144 CA-YUB-1950 HDR-CFWH-04 | P | Milling Feature | Y | Fluctuating Water Levels | Unevaluated |
| 22 | P-58-3146 CA-YUB-1952 HDR-CFWH-07 | P | Milling Feature | N | N/A | Unevaluated |
| 23 | P-58-3148 CA-YUB-1954H HDR-CFWH-14 | H | Habitation | Y | Fluctuating Water Levels | Unevaluated |
| 24 | P-58-3150 CA-YUB-1956 HDR-CFWH-16 | P | Milling Feature | Y | Fluctuating Water Levels | Unevaluated |
| 25 | P-58-3153 CA-YUB-1959 HDR-CFWH-20 | P | Short-Term Habitation | Y | Fluctuating Water Levels | Unevaluated |
| 26 | P-58-3156 CA-YUB-1962H HDR-CFWH-25 | H | Habitation | Y | Fluctuating Water Levels; Recreation | Unevaluated |
| 27 | P-58-3159 CA-YUB-1965 HDR-CFWH-28 | P | Short-term Habitation | Y | Fluctuating Water Levels | Eligible |
| 28 | P-58-3160 CA-YUB-1966 HDR-CFWH-29 | P | Short-term Habitation | Y | Fluctuating Water Levels | Unevaluated |
| 29 | P-58-3161 CA-YUB-1967 HDR-CFWH-30 | P | Short-term Habitation | Y | Fluctuating Water Levels | Unevaluated |

Table 3.3.10-3. Summary table of eligible or unevaluated archaeological sites identified within the APE.

| Count | Site No. (Primary/ Trinomial/ Temp. No.) | Age | Type | Camp Far West Hydroelectric Project Related Effects (Y/N) | Type of Project Effects | Individual NRHP Eligibility |
|-------|---|-----|--|---|---|---------------------------------|
| 30 | P-58-3162 CA-YUB-1968H HDR-CFWH-31 | H | Habitation | Y | Fluctuating Water Levels | Unevaluated |
| 31 | P-58-3163 CA-YUB-1969/H HDR-CFWH-32 | M | P: Short-term Habitation H: Habitation | Y | Fluctuating Water Levels; Recreation | Unevaluated |
| 32 | P-58-3164 CA-YUB-1970/H HDR-CFWH-34 | M | P: Short-Term Habitation H: Trash Scatter | Y | Fluctuating Water Levels | P: Unevaluated H: Ineligible |
| 33 | P-58-3166 CA-YUB-1972 HDR-CFWH-44 | P | Rock Art | Y | Fluctuating Water Levels | Unevaluated |
| 34 | P-58-3170 CA-YUB-1976H HDR-CFWH-67 | H | Habitation | Y | Recreation | Unevaluated |

In addition to the archaeological sites discussed above, the one archaeological district identified during SSWD's *Cultural Resources Study*, the Middle Bear River (Kumin Seyo) Prehistoric Archaeological District, is also being impacted by Project-related effects. This resource has been determined eligible for inclusion in the NRHP, thus, this resource will be considered a historic property, the management of which will follow the procedures outlined in the HPMP for considering and resolving adverse effects to historic properties.

All 11 of the built environment resources identified within the APE have been determined ineligible for the NRHP. Thus, these resources will require no further consideration because they will not be historic properties.

3.3.10.2 Environmental Effects

This section discusses the potential resource effects of SSWD's proposed Project, as described in Section 2.2 of this Exhibit E. As part of the Project relicensing, SSWD proposes a Pool Raise, modifications of existing recreation facilities, and modification of the existing Project boundary. SSWD proposes to include in the new license one measure related to cultural resources, implementation of the HPMP. The purpose of an HPMP is to outline actions and processes to manage historic properties within the APE under the new license. It is intended to serve as a guide for the SSWD when performing necessary O&M activities and identify resource treatments designed to address potential ongoing and future effects to historic properties. Resource-specific management measures included in the HPMP for treatment of historic properties include avoidance and monitoring, NRHP evaluation efforts, and mitigation measures for resolving adverse effects. An HPMP also describes a process of consultation with appropriate state and federal agencies, as well as with Native Americans who may have interests in historic properties within the APE. Following the *Guidelines for the Development of Historic Properties Management Plans for FERC Hydroelectric Projects* issued by FERC and ACHP in 2002 (ACHP and FERC 2002), the HPMP includes: management measures; training for all O&M staff; routine monitoring of known cultural resources, and periodic review and revision of the HPMP.

Continued O&M of the Project and/or changes to the Project as proposed under the relicensing efforts may affect cultural resources that are listed on or eligible for listing on the NRHP (i.e., historic properties). The effect may be direct (e.g., result of ground disturbing activities), indirect (e.g., public access to recreation areas), or cumulative (e.g., caused by a Project activity in combination with other non-Project activities).

Adverse effects are activities that may alter those characteristics of an historic property that contribute to its NRHP eligibility in a manner diminishing the integrity of the property's location, design, setting, materials, workmanship, feeling, or association. Examples of adverse effects would include road maintenance that affects a previously undisturbed archaeological deposit, or a facilities upgrade that removes the windows or doors of an historic powerhouse and does not replace them in kind, with new windows and doors of a similar style and material. There are a number of such Project activities that could potentially affect historic properties within the APE, including use and Project maintenance of Project facilities and roads, maintenance to historic buildings or other structures, vegetation management activities, recreational site use, issuance of

grazing leases, emergency actions, looting/vandalism, and erosion caused by wave action and fluctuating water levels of the reservoir. In addition, certain kinds of Project-related activities may not have a direct impact on historic properties, but may create the conditions by which damage occurs. For example, a Project road may not directly impact historic properties, but may enable public access to areas that contain historic properties.

By contrast, there are Project activities that may not have an adverse effect on historic properties and there may also be historic properties within the APE that are not subject to Project activities. For example, the continued use of a paved access road that is closed to the public and travels through an historic property that is an archaeological site, would likely not be considered an adverse effect. As well, a historic property comprised of a recreation facility would likely not be adversely affected by continued use and maintenance of the facility, if the facility is used as it has been in the past and any maintenance activities maintain the existing integrity of the facility. Furthermore, there may be historic properties located within the APE that are substantially above the NMWSE of the Camp Far West Reservoir and nowhere near any other Project facility or within the vicinity of Project activities. Subsequently, Project activities may not adversely affect these historic properties.

The following three sections describe in more detail how SSWD's proposed Project, as described in Section 2.2 of this Exhibit E, may affect historic properties. The section that follows provides the schedule for developing the final HPMP, which will be used to manage and consider effects to historic properties under SSWD's proposed Project.

3.3.10.2.1 Effects of FERC Project Boundary Changes

In addition to the construction-related activities and the O&M activities discussed below, SSWD is proposing several changes to the existing FERC Project Boundary, including both additions and deletions to the boundary (all privately owned lands). As described below, these FERC Project Boundary changes will have no adverse effect to cultural resources that are historic properties or potential historic properties.

Of the additions to the FERC Project Boundary, all but roughly 18 ac of land were already included in the APE and were considered during the *Cultural Resources Study*. The roughly 18 ac that were not included in the APE will be inventoried for cultural resources under the HPMP when the new license is issued. If any historic properties or potential historic properties are identified, they will be managed according to the protocols that will be outlined in the HPMP for treatment of historic properties.

For the lands being removed from the FERC Project Boundary, this will only affect three sites (P-58-1024, P-58-1032, and HDR-CFWH-67). Site P-58-1024 was previously recorded in 1979 as a possible homestead site dating to c. 1890-1910. It was previously described as containing a refuse scatter and possible canal segment. This site was not relocated during the *Cultural Resources Study* and is assumed to have been destroyed by either road improvements/maintenance for the adjacent Camp Far West Road, or was simply miss-mapped and is not located within the APE. As this site appears to either no longer exist and/or not be

within the APE, the removal of its previously mapped location from the FERC Project Boundary will have no effect on this archaeological site.

Site P-58-1032 was previously recorded in 1979 as a placer mining operation. It was previously described as containing numerous quartz waste rock piles and associated prospect pits along both sides of a small drainage. This site was not relocated during the inventory of the APE and is assumed to have been destroyed by either road improvements/maintenance for the adjacent Camp Far West Road or Camp Far West Reservoir and Dam, or was simply miss-mapped and is not located within the APE. As this site appears to either no longer exist and/or not be within the APE, the removal of its previously mapped location from the FERC Project Boundary will have no adverse effect on this archaeological site.

Site HDR-CFWH-67 was newly identified and recorded during the *Cultural Resources Study*. It is a historical site consisting of six features and a general scatter of historic refuse across the site. The six features are comprised of two rock foundations, two depressions, and two rock or dirt piles. The site may be related to "Grahams Hotel" or "Store" which appears on mid to late 1800s historical maps of the area. The boundary removal will only remove a small portion of this site from the FERC Project Boundary. As such, this site will still be within the FERC Project Boundary and will be managed under the HPMP.

3.3.10.2.2 Effects of Construction-Related Activities

SSWD's proposed Project, as described in Section 2.2 of this Exhibit E, includes two construction-related activities: 1) the Pool Raise and 2) proposed changes to the recreational facilities. Ground disturbing activities and impacts to the viewscape as a result of these construction-related activities has the potential to adversely affect historic properties in the area where these activities are taking place. As described in Section 3.3.10.1.2, there are only 34 archaeological sites and one prehistoric archaeological district that have been identified during the *Cultural Resources Study* as potential historic properties. Of these 35 resources, five of the archaeological sites (see Table 3.3.10-4) and the prehistoric archaeological district would be adversely affected by the construction-related activities (i.e., the Pool Raise only). The effect would be a direct effect caused by ground disturbing activities and/or erosion from fluctuating water levels once the reservoir pool level is raised. These effects will be considered and resolved, as appropriate, through the implementation of the HPMP.

Table 3.3.10-4. Summary table of eligible or unevaluated archaeological sites identified within the APE.

| Count | Site No. (Primary/Trinomial/Temp. No.) | Age | Type | Individual NRHP Eligibility |
|-------|---|-----|---|--------------------------------|
| 1 | P-31-5744/ CA-PLA-1179/H/ SRI-CFW-3 | M | P: Short-term Habitation H: Mining | Eligible |
| 2 | P-58-2883/2884/2886/2887/2888/2889 CA-YUB-1824/1825/1827/1828/1829/1830 HDR-CFWH-33 | M | P: Long-Term Habitation H: Trash Scatter | P: Eligible H: Ineligible |

Table 3.3.10-4. (continued)

| Count | Site No. (Primary/Trinomial/Temp. No.) | Age | Type | Individual NRHP Eligibility |
|-------|---|-----|--|--------------------------------|
| 3 | P-58-2875/ CA-YUB-1816/ SRI-CFW-12 | M | P: Short-Term Habitation H: Trash Scatter | Unevaluated |
| 4 | P-58-2885/ CA-YUB-1826/ SRI-CFW-22 | P | Short-Term Habitation | Unevaluated |
| 5 | P-31-6312/ CA-PLA-2718/ HDR-CFWH-48 | P | Milling Feature | Unevaluated |

¹ H = Historical; P = Prehistoric; M = Multi-component.

3.3.10.2.3 Effects of Proposed Project Operations and Maintenance

SSWD’s proposed Project, as described in Section 2.2 of this Exhibit E, includes continued O&M of the Project. O&M activities that have the potential to adversely affect historic properties include routine operation and maintenance of buildings and structures, reservoir inundation and fluctuations, vegetation management, road maintenance, recreation, looting and vandalism, and activities related to emergency repairs. The effects could be direct, indirect, or cumulative. The on-going Project O&M effects to cultural resources that are historic properties or potential historic properties are identified in Section 3.3.10.1.2. These effects will be considered and resolved, as appropriate, through the implementation of the HPMP.

3.3.10.2.4 Schedule for HPMP Revisions

As described above, the *Cultural Resources Study* has identified potential historic properties within the APE that are being or will be adversely affected by Project-related activities. As well, additional such resources could be identified in the future and could be potentially affected by the Project. Accordingly, SSWD is developing an HPMP in consultation with Native American tribes and SHPO to manage potential effects on historic properties throughout the term of any new license. FERC typically completes Section 106 by entering into a Programmatic Agreement (PA) or Memorandum of Agreement (MOA) with the licensee, the Advisory Council on Historic Preservation (ACHP), if it chooses to participate, and the SHPO that requires the licensee to develop and implement an HPMP. Additionally, FERC requires the licensee to consult with various federal, state, tribal, and non-government parties in the development of any HPMP.

With regards to completion of the final HPMP, SSWD submitted the draft HPMP to Native American tribes on March 28, 2019, and SSWD submitted the draft HPMP to SHPO on June 7, 2019, for 30 review and concurrence. SSWD anticipates it will file with FERC a final HPMP by September 2019, after SHPO concurrence is received. A copy of the HPMP submitted to SHPO on June 7, 2019, is provided as Volume III of this Application for New License.

3.3.10.3 Unavoidable Adverse Effects

In compliance with Section 106, and as described above, the Project as proposed will unavoidably adversely affect cultural resources that are historic properties. However,

implementation of the HPMP, which, once finalized, will include treatment measures for managing historic properties under the new FERC license, will resolve these adverse effects.

3.3.10.4 Measures or Studies Recommended by Agencies and Not Adopted by SSWD

As described in Appendix E4 in this Exhibit E, USFWS, NMFS, CDFW, SWRCB and FWN each submitted written comments on SSWD's December 29, 2018, DLA. None of the written comments recommended cultural resources-specific PM&E measures or studies. SHPO and Indian tribes did not submit any written comments on the DLA.

3.3.10.5 List of Attachments

None.