

### **3.3.9 Socioeconomic Resources**

The discussion of socioeconomic resources is divided into four sections. The affected environment is discussed in Section 3.3.9.1, environmental effects of the Project are discussed in Section 3.3.9.2, unavoidable adverse effects are addressed in Section 3.3.9.3, and proposed measures recommended by Agencies or other relicensing participants in written comments on the DLA that were not adopted by SSWD are discussed in Section 3.3.9.4.

Existing, relevant, and reasonably available information is sufficient to determine the potential effects of the Project on socioeconomic resources, and SSWD did not perform any studies related to socioeconomics.

#### **3.3.9.1 Affected Environment**

This section is divided into four parts. The first three parts describe existing socioeconomic conditions in Yuba, Placer and Nevada counties, California, the counties in which the Project is located. The fourth part describes socioeconomic considerations for the Project.

##### **3.3.9.1.1 Socioeconomic Conditions in Yuba County**

The Project Area is located approximately 7 mi east of the town of Wheaton in southern Yuba County. Project Facilities are easily accessed from Wheaton by Spenceville Road to Camp Far West Road. Population patterns of Yuba County are summarized below.

#### **Population Size**

The population of Yuba County in 2010 was 72,155. Yuba County's annual percent change in population since 2010 has averaged 0.86 percent, almost identical to the annual average of 0.87 percent population increase experienced in the State of California since 2010 (U.S. Census Bureau 2018). The California Department of Finance has forecasted that by the year 2020,<sup>1</sup> Yuba County's population will reach 79,087 residents (CDOF 2017).

#### **Towns and Cities**

The city of Marysville is the county seat of Yuba County. Marysville is the largest community in the county with a population of 12,072 in 2010. The nearest major population center outside the area is Sacramento, located about 40 mi to the south.

#### **Population Density and Housing Distribution**

In 2010, with 72,155 residents, 27,750 housing units, and a land area of 631.84 sq mi, Yuba County had 114.2 residents and 43.9 housing units per sq mi. From 1990 to 2000 and from 2000 to 2010, the population of Yuba County increased by 3.4, and 19.8 percent, respectively. During these two periods, the number of housing units also increased at 6.5 percent and 22.6 percent,

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<sup>1</sup> Based on available projected information when the Application for New License is filed.

respectively. From 1970 to 2010, Yuba County experienced a housing unit increase of approximately 96.3 percent (CDOF 2012; U.S. Census Bureau 2010, 1990). Table 3.3.9-1 shows a summary of population and housing units from 1970-2010 in Yuba County.

**Table 3.3.9-1. Summary of Yuba County population and housing units, 1970-2010.**

Yuba County	2010	2000	1990	1980	1970
Population	72,155	60,219	58,228	49,733	44,736
Housing Units	27,750	22,636	21,245	19,128	14,135

Source: CDOF 2012; U.S. Census Bureau 2010, 1990

As shown in Table 3.3.9-2, most of the Yuba County population (43,988, or 60.8%) in 2010 was between the ages of 18 and 65. Age groups within the county have similar distributions to the State of California.

**Table 3.3.9-2. Summary of Yuba County by age group in Yuba County and the State of California, 2010.**

Population: Age	Yuba County	California
Persons under 5 years old	6,197	2,531,133
Persons under 5 years old, percent	8.6%	6.5%
Persons 5 to <18 years old	14,813	7,920,709
Persons 5 to <18 years old, percent	20.5%	23.9%
Persons 18 to <65 years old	43,988	22,235,030
Persons 18 to <65 years old, percent	60.8%	57.1%
Persons 65 years old and over	7,317	3,479,543
Persons 65 years old and over, percent	10.1%	12.5%

Source: U.S. Census Bureau 2010

## Households/Family Distribution and Income

For the period 2012 – 2016, Table 3.3.9-3 summarizes household units (i.e., number of units, net change for a given period, and % change for a given period), homeownership rate, median home value, income, and poverty for Yuba County. County data are also compared to the same data available for the state of California.

**Table 3.3.9-3. Summary of household units and income in Yuba County and the State of California.**

Household Information	Yuba County	California
Housing units, 2016	28,357	14,060,525
Homeownership rate, 2012-2016	52.7%	54.1%
Median value of owner-occupied housing units, 2012-2016	\$210,200	\$409,300
Households, 2012-2016	22,112	12,807,387
Persons per household, 2012-2016	2.96	2.95
Median household income, 2012-2016	\$50,788	\$63,783
Per capita income, 2012-2016	\$23,200	\$31,458
Persons below poverty, percent, 2012-2016	18.3%	14.3%

Source: U.S. Census Bureau 2018

## Ethnicity

Yuba County is generally less ethnically diverse than the state of California. The county is predominantly White, with persons of Hispanic or Latino origin being the second largest group.

Table 3.3.9-4 provides a summary of population by race for Yuba County and the State of California for the year 2010.

**Table 3.3.9-4. Summary of population by gender and race in Yuba County and the State of California, 2010.**

Population: Gender/Race	Yuba County	California
Female persons	35,803	18,932,713
Female persons, percent	49.6%	50.3%
White persons <sup>1</sup>	49,332	21,453,934
White persons, <sup>1</sup> percent	68.4%	57.6%
Black or African American persons <sup>1</sup>	2,361	2,299,072
Black or African American persons, <sup>1</sup> percent	3.3%	6.2%
American Indian and Alaska Native persons <sup>1</sup>	1,675	362,801
American Indian and Alaska Native persons, <sup>1</sup> percent	2.3%	1.0%
Asian persons <sup>1</sup>	4,862	4,861,007
Asian persons, <sup>1</sup> percent	6.7%	13.0%
Native Hawaiian and Other Pacific Islander persons <sup>1</sup>	293	144,386
Native Hawaiian and Other Pacific Islander persons, <sup>1</sup> percent	0.4%	0.4%
Persons reporting some other race <sup>1</sup>	8,545	6,317,382
Persons reporting some other race, <sup>1</sup> percent	11.8%	17.0%
Persons reporting two or more races	5,087	1,815,384
Persons reporting two or more races, percent	7.1%	4.9%
Persons of Hispanic or Latino origin <sup>2</sup>	18,051	14,013,719
Persons of Hispanic or Latino origin, <sup>2</sup> percent	25.0%	37.6%

Source: U.S. Census Bureau 2010

<sup>1</sup> Includes persons reporting only one race.

<sup>2</sup> Hispanics may be of any race; therefore, Hispanics are also included in applicable race categories.

## Education

For the period 2012 – 2016, a total of 82.2 percent of Yuba County’s population is educated through high school, with 15.5 percent of the population having obtained a Bachelor’s degree or higher. When compared to the State of California (82.1% and 32.0%, respectively), Yuba County has a similar percentage of high school graduates but lower percentage of individuals with a Bachelor’s degree or higher (U.S. Census Bureau 2018).

## Labor Force

Initially, all of Yuba County’s settlements and economy were based on the discovery of gold in the middle 1800s. Today, Yuba County has a diverse economic base and labor force that includes agriculture, mining, manufacturing, transportation, utilities, trade, finance, insurance, real estate services, and government. According to the EDD, the annual average unemployment rate for Yuba County in 2017 was about 8.6 percent, which is higher than the State of California’s average of 4.6 percent (EDD 2018a).

## Industry

Yuba County is located at the northern end of California’s famed Mother Lode, which shaped the region’s economy in the mid-to-late 1800s. Since the end of the California gold rush, the economic base has grown to include timber and tourism, with mining playing a greatly reduced role in the county’s economic viability. In 2016, the largest employment sectors in Yuba County

were: 1) Government (35.9%); 2) Education and Health Services (19.2%); and 3) Trade, Transportation and Public Utilities (14.4%) (EDD 2018b). The Government sector had the greatest earnings for the county (Table 3.3.9-5).

**Table 3.3.9-5. Summary of industry statistics for Yuba County, 2016.**

Industry	Yuba County	
	Number of Employees	Percent
Mining, Logging and Construction	800	4.8%
Manufacturing	700	4.2%
Trade, Transportation and Public Utilities	2,400	14.4%
Information Services	100	0.6%
Financial Activities	200	1.2%
Professional and Business Services	1,100	6.6%
Education and Health Services	3,200	19.2%
Leisure and Hospitality	1,500	9.0%
Other Services	400	2.4%
Government (Federal, State and Local)	6,000	35.9%

Source: EDD 2018b

### 3.3.9.1.2 Socioeconomic Conditions in Placer County

The Project Area is located approximately 17 mi northwest of the city of Auburn in western Placer County. Population patterns of Placer County are summarized below.

#### Population Size

The 2010 census indicates the population of Placer County was 348,494. Placer County has a population density of 247.6 persons per square mi. Placer County’s annual percent change in population since 2010 has averaged 1.29 percent, which is higher than the annual average of 0.87 percent population increase experienced in the state of California since 2010 (U.S Census Bureau 2018). The California Department of Finance has forecast that by the year 2020,<sup>2</sup> Placer County’s population will reach 397,368 residents (CDOF 2018).

#### Towns and Cities

Incorporated in 1851, the City of Auburn is the county seat of Placer County and is located at an elevation of 1,300 ft on Interstate 80. Placer County is relatively rural, with the majority of the county population residing in the greater Roseville and Auburn areas. Besides Roseville and Auburn, Placer County contains five other incorporated cities: 1) Colfax; 2) Lincoln; 3) Roseville; 4) Rocklin; and 5) Loomis. The nearest major population center outside the county is Sacramento, located about 32 mi to the south and west. The closest major population center in the county, Auburn, is approximately 17 mi from the Project.

#### Population Density and Housing Distribution

The Placer County population in 2010 was 348,494 residents, with a total of 155,873 housing units, and a land area of 1,407.01 sq mi, Placer County has 248.8 residents per sq mi and 110.8

<sup>2</sup> Based on available projected information when draft license application is filed.

housing units per sq mi. From 1990 to 2000 and 2000 to 2010, the population of Placer County increased by 43.8 and 40.1 percent, respectively. During those two same periods, the number of housing units also increased at 37.8 and 45.3 percent, respectively. From 1970 to 2010, Placer County has experienced a population and housing unit increase of greater than 400 percent (U.S. Census Bureau 2010, 1990; CDOF 2012). Table 3.3.9-6 shows a summary of population and housing units from 1970-2010 in Placer County.

**Table 3.3.9-6. Summary of Placer County population and housing units, 1970 - 2010.**

Placer County	2010	2000	1990	1980	1970
Population	348,432	248,399	172,796	177,247	77,306
Housing Units	155,873	107,302	77,879	54,014	30,441

Source: CDOF 2012; U.S. Census Bureau 2010, 1990

As shown in Table 3.3.9-7, most of the Placer County population (211,284, or 60.4%) in 2010 was between the ages of 18 and 65. The age groups within the county have a similar distribution as the State of California.

**Table 3.3.9-7. Summary of population by age in Placer County and the State of California, 2010.**

Population: Age	Placer County	California
Population under 5 years old	20,727	2,531,133
Persons under 5 years old, percent	5.9%	6.5%
Persons 5 to <18 years old	63,610	7,920,709
Persons 5 to <18 years old, percent	18.2%	23.9%
Persons 18 to <65 years old	211,284	22,235,030
Persons 18 to <65 years old, percent	60.4	57.1
Persons 65 years old and over	54,419	3,479,543
Persons 65 years old and over, percent	15.5%	12.5%

Source: U.S. Census Bureau 2010

## Households/Family Distribution and Income

Table 3.3.9-8 summarizes household units (i.e., number of units and net change for a given period of time), homeownership rate, median home value, income and poverty for Placer County. County data are also compared to the same data available for the State of California.

**Table 3.3.9-8. Summary of household units and income in Placer County and the State of California.**

Household Information	Placer County	California
Housing units, 2016	161,415	14,060,525
Homeownership rate, percent, 2012-2016	70.1%	54.1%
Median value of owner-occupied housing units, 2012-2016	\$380,900	\$409,300
Households, 2012-2016	136,730	12,807,387
Persons per household, 2012-2016	2.68	2.95
Median household income, 2012-2016	\$76,926	\$63,783
Per capita income, 2012-2016	\$37,912	\$31,458
Persons below poverty, percent, 2012-2016	7.2%	14.3%

Source: U.S. Census Bureau 2018

## Ethnicity

When compared to the State of California, Placer County is relatively homogeneous with respect to ethnic diversity. The county is predominantly White, with persons of Hispanic or Latino origin the second largest group. Table 3.3.9-9 provides a summary of population by race for Placer County and the State of California.

**Table 3.3.9-9. Summary of population by gender and race in Placer County and the State of California, 2010.**

Population: Gender/Race	Placer County	California
Female persons	178,281	18,932,713
Female persons, percent	51.2%	50.3%
White persons <sup>1</sup>	290,977	21,453,934
White persons, percent <sup>1</sup>	83.5%	57.6%
Black or African American persons <sup>1</sup>	4,751	2,299,072
Black or African American persons, percent <sup>1</sup>	1.4%	6.2%
American Indian and Alaska Native persons <sup>1</sup>	3,011	362,801
American Indian and Alaska Native persons, percent <sup>1</sup>	0.9%	1.0%
Asian persons <sup>1</sup>	20,435	4,861,007
Asian persons, percent <sup>1</sup>	5.9%	13.0%
Native Hawaiian and Other Pacific Islander persons <sup>1</sup>	788	144,386
Native Hawaiian and Other Pacific Islander, percent <sup>1</sup>	0.2%	0.4%
Persons reporting some other race <sup>1</sup>	13,375	6,317,382
Persons reporting some other race, percent <sup>1</sup>	3.8%	17.0%
Persons reporting two or more races	15,105	1,815,384
Persons reporting two or more races, percent	3.8%	4.9%
Persons of Hispanic or Latino origin <sup>2</sup>	44,710	14,013,719
Persons of Hispanic or Latino origin, percent <sup>2</sup>	12.8%	37.6%

Source: U.S. Census Bureau 2010

<sup>1</sup> Includes persons reporting only one race.

<sup>2</sup> Hispanics may be of any race, so also are included in applicable race categories.

## Education

For the period 2012 – 2016, a total of 94.2 percent of Placer County’s population is educated through high school, with 36.9 percent of the population having obtained a Bachelor’s degree or higher. When compared to the State of California (82.1% and 32.0%, respectively), Placer County has a higher percentage of both high school graduates and individuals who have received a Bachelor’s degree or higher (U.S. Census Bureau 2018).

## Labor Force

Placer County’s settlements and their economies were based initially on the discovery of gold in the middle 1800s. Today, Placer County has a diverse economic base and labor force that includes construction, mining, manufacturing, transportation, utilities, trade, finance, insurance, real estate services, and government. According to the California Employment Development Department (EDD), the annual average unemployment rate was 4.9 percent in Placer County during 2015, which is less than the State of California’s average of 6.4 percent (EDD 2015).

Based on average monthly labor statistics from the EDD, Placer County’s unemployment dropped to 5.2 percent during December 2014, reaching the lowest point since 2007. This rate was the twelfth lowest among California, which was 6.7 percent (Placer County 2015).

## Industry

In 2016, the following sectors were the largest employers in Placer County as shown in Table 3.3.9-10: 1) Trade, Transportation and Public Utilities (20.9%); 2) Education and Healthcare Services (15.5%); and 3) Government (14.2%). These industries combined make up almost half of Placer County’s economy (Placer County 2014).

**Table 3.3.9-10. Summary of industry statistics for Placer County, 2016.**

Industry	Placer County	
	Number of Employees	Percent
Agriculture	300	0.2%
Mining and Logging	100	<0.1%
Construction	13,600	8.4%
Manufacturing	6,500	4.0%
Trade, Transportation & Public Utilities	31,700	19.5%
Information	2,500	1.5%
Financial Activities	12,400	7.6%
Professional & Business Services	20,500	12.6%
Leisure & Hospitality	22,300	13.7%
Education and Healthcare Services	27,100	16.7%
Other Services	5,600	3.4%
Government	19,800	12.2%
<b>Total</b>	<b>162,400</b>	<b>100%</b>

Source: EDD 2018b

### 3.3.9.1.3 Socioeconomic Conditions in Nevada County

The Project Area is located approximately 18 mi southwest of the city of Grass Valley in western Nevada County. Population patterns of Nevada County are summarized below.

#### Population Size

The population of Nevada County in 2010 was 98,764 (U.S. Census Bureau 2015). Nevada County’s annual percent change in population since 2010 has averaged -0.01 percent, which was lower than the 0.87 percent population increase experienced in the State of California for the same period (CDOF 2018). The California Department of Finance has forecast that by the year 2020,<sup>3</sup> Nevada County’s population will reach 99,548 residents (CDOF 2018).

#### Towns and Cities

Nevada County is a rural county. There are three towns in Nevada County with populations over 3,000: Truckee, Grass Valley and Nevada City. Truckee had a population of 16,180 in 2010 and 16,165 in 2013 (U.S. Census Bureau 2015), a decrease of 0.9 percent. Grass Valley had a population of 12,860 in 2010 and 12,793 in 2013 (U.S. Census Bureau 2015), a decrease of 0.5 percent. Nevada City had a population of 3,068 in 2010 and 3,136 in 2017 (U.S. Census Bureau 2017), essentially no change. Major population centers around Nevada County are Sacramento, which is 56 mi southwest of Grass Valley; and Reno, Nevada, which is 32 mi northeast of

<sup>3</sup> Based on available projected information when draft license application is filed.

Truckee. The nearest population center in the county, Grass Valley, is approximately 18 mi from the Project.

### Population Density and Housing Distribution

With a population of 98,764 residents, 52,590 housing units, and a land area of 957,77 sq mi, Nevada County had 103.1 residents and 54.9 housing units per sq mi in 2010 (U.S. Census Bureau 2015). From 1990 to 2000 and from 2000 to 2010, the population of Nevada County increased by 26 percent, and decreased 0.16 percent respectively. During those same periods, the number of housing units increased at a rate of 18.6 percent and 18.8 percent, respectively (CDOF 2012, U.S. Census Bureau 2010, 1990). Table 3.3.9-11 shows a summary of population and housing units from 1970-2010 in Nevada County.

**Table 3.3.9-11. Summary of Nevada County population and housing units, 1970-2010.**

Nevada County	2010	2000	1990	1980	1970
Population	98,764	98,938	78,510	51,645	26,346
Housing Units	52,590	44,282	37,352	24,759	11,960

Source: CDOF 2012; U.S. Census Bureau 2010, 1990

Table 3.3.9-12 shows that most of the Nevada County population (60,292, or 61.2%) falls between the ages of 18 and 65. The age demographics of Nevada County’s population is a bit older than that of the State of California.

**Table 3.3.9-12. Summary of population by age group in Nevada County and the State of California, 2010.**

Population: Age	Nevada County	California
Population under 5 years old	4,346	2,531,133
Persons under 5 years old, percent	4.4%	6.5%
Persons 5 to <18 years old	14,570	7,920,709
Persons 5 to <18 years old, percent	14.8%	23.9%
Persons 18 to <65 years old	60,292	22,235,030
Persons 18 to <65 years old, percent	61.2	57.1
Persons 65 years old and over	19,318	3,479,543
Persons 65 years old and over, percent	19.6%	12.5%

Source: U.S. Census Bureau 2010

### Households/Family Distribution and Income

Table 3.3.9-13 summarizes household units (i.e., number of units, net change for a given period, and % change for a given period), homeownership rate, median home value, income, and poverty for Nevada County. County data are comparable to that for the State of California.



**Table 3.3.9-13. Summary of household units, homeownership, home value, and income in Nevada County and the State of California.**

Household Information	Nevada County	California
Housing units, 2016	53,535	14,060,525
Homeownership rate, percent, 2012-2016	72.1%	54.1%
Median value of owner-occupied housing units, 2012-2016	\$355,900	\$409,300
Households, 2012-2016	40,587	12,807,387
Persons per household, 2012-2016	2.40	2.95
Median household income, 2012-2016	\$57,429	\$63,783
Per capita income, 2012-2016	\$33,385	\$31,458
Persons below poverty, percent, 2012-2016	10.9%	14.3%

Source: U.S. Census Bureau 2018

## Ethnicity

When compared to the State of California, Nevada County is relatively homogeneous with respect to ethnic diversity. The County is predominantly White, with persons of Hispanic or Latino origin being the second largest group. Table 3.3.9-14 provides a summary of population by race for Nevada County and the State of California for the year 2010.

**Table 3.3.9-14. Summary of population by gender and race in Nevada County and the State of California, 2010.**

Population: Gender/Race	Nevada County	California
Female persons	49,929	18,932,713
Female persons, percent	50.6%	50.3%
White persons <sup>1</sup>	90,233	21,453,934
White persons, <sup>1</sup> percent	91.4%	57.6%
Black or African American persons <sup>1</sup>	389	2,299,072
Black or African American persons, <sup>1</sup> percent	0.4%	6.2%
American Indian and Alaska Native persons <sup>1</sup>	1,044	362,801
American Indian and Alaska Native persons, <sup>1</sup> percent	1.1%	1.0%
Asian persons <sup>1</sup>	1,187	4,861,007
Asian persons, <sup>1</sup> percent	1.2%	13.0%
Native Hawaiian and Other Pacific Islander persons <sup>1</sup>	110	144,386
Native Hawaiian and Other Pacific Islander persons, <sup>1</sup> percent	0.1%	0.4%
Persons reporting some other race <sup>1</sup>	2,678	6,317,382
Persons reporting some other race, <sup>1</sup> percent	2.7%	17.0%
Persons reporting two or more races	3,123	1,815,384
Persons reporting two or more races, percent	3.2%	4.9%
Persons of Hispanic or Latino origin <sup>2</sup>	8,439	14,013,719
Persons of Hispanic or Latino origin, <sup>2</sup> percent	8.5%	37.6%

Source: U.S. Census Bureau 2010

<sup>1</sup> Includes persons reporting only one race.

<sup>2</sup> Hispanics may be of any race; therefore, Hispanics are also included in applicable race categories.

## Education

For the period 2012 – 2016, a total of 93.3 percent of Nevada County’s population is educated through high school with 34.4 percent of the population having obtained a Bachelor’s degree or higher. When compared to the State of California (82.1% and 32.0%, respectively), Nevada County has a higher percentage of both high school graduates and individuals with a Bachelor’s degree or higher. (U.S. Census Bureau 2018.)

## Labor Force

Initially, all of Nevada County’s settlements and economy were based on the discovery of gold in the mid-1800s. Today, the county has a small, yet diverse, economic base and labor force that includes construction, mining, manufacturing, transportation, utilities, trade, finance, insurance, real estate services and government. According to the EDD, the annual average unemployment rate was 9.7 percent for Nevada County during 2012 (EDD 2018c). Comparatively, the average unemployment rates for 2005 and 2009 were, respectively, about 4.8 percent and 10.3 percent (EDD 2018c). These rates are comparable to those for the State of California, which had an approximately 5.4 percent unemployment rate for the year 2005, 11.2 percent for the year 2009, and 10.4 percent for 2012 (EDD 2018c).

## Industry

Table 3.3.9-15 shows that in 2016, the largest employment sectors in Nevada County were: 1) Government (20.2%); 2) Education and Health Services (17.5%); and 3) Leisure and Hospitality (16.0 %) (EDD 2018b).

**Table 3.3.9-15. Summary of industry statistics for Nevada County, 2016.**

Industry	Nevada County	
	Number of Employees	Percent
Mining, Logging, and Construction	2,990	8.6%
Manufacturing	1,410	4.4%
Trade, Transportation & Utilities	4,990	15.6%
Information	280	0.9%
Financial Activities	1,360	4.2%
Professional and Business Services	2,140	6.7%
Education and Health Services	5,600	17.5%
Leisure and Hospitality	5,130	16.0%
Other Services	1,890	5.9%
Government	6,470	20.2%

Source: EDD 2018b

### 3.3.9.1.4 Project-Specific Information

Established in 1954, SSWD, is a State of California public agency formed under California Water District Law, California Water Code Section 34000 et seq. to develop, store, and distribute surface water supplies for irrigation uses in SSWD’s service area. In addition, Section 34000 et seq. authorizes SSWD to develop hydroelectric power in connection with SSWD’s projects. SSWD is governed by a Board of Directors, whose seven members are elected by landowners within SSWD’s service area. The Camp Far West Dam was completed in 1964 and the powerhouse was completed in 1981.

SSWD is headquartered in Trowbridge, California, and has nine full-time employees, two of which work directly on the Project on a day-to-day basis, and are dispatched from Trowbridge.

SSWD pays almost \$100,000 each year to federal, State, and local governments for Project-related support services and property taxes. Table 3.3.10-16 provides a list of these annual fees.

**Table 3.3.9-16. Federal, State, and local agencies Licensee pays annually for Project-related services.**

Agency	Description	Approximate Annual Payment
Federal Energy Regulatory Commission	Administration	\$8,555
United States Geological Survey	Stream Gaging	\$3,800
California Division of Safety of Dams	Dam Safety	\$31,196
California Department of Water Resources	Water Rights	\$27,730
California State Water Resources Control Board	Annual Fees	\$1,996
Regional Water Quality Control Board	Reservoir	\$22,393
Penn Valley Fire Department	Fire	\$35
Nevada County	Property Tax	\$1,792
Placer County	Property Tax	\$1,730
<b>Total</b>		<b>\$99,227</b>

In addition, SSWD pays sales tax for all equipment and supplies.

### **3.3.9.2 Environmental Effects**

This section discusses the potential environmental 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’s proposed measures do not related specifically to socio-economic resources, however, many of them require actions that may be performed by businesses located within approximately 1 hour of the Project.

Minimal adverse impacts to socioeconomic resources are expected during construction of the Pool Raise. While the recreation areas at Camp Far West will remain open during construction, the bridge over the spillway will need to be closed to through-traffic which may impact visitor use at the recreation areas. In general, construction for the Pool Raise and modification of associated facilities would provide a brief, small economic benefit to the region in the form of additional construction-related jobs during the period of construction.

No impacts to socioeconomic resources are expected due to continued Project O&M. Rather, SSWD’s Proposed Project upgrades and enhancements to the recreation facilities would provide an economic benefit to the region due to increased recreational use of the upgraded and expanded recreation facilities. SSWD’s proposed measures will provide minimal socioeconomic benefit by creating environmental and/or engineering related jobs needed to implement various measures.

Importantly, the Proposed Project would enhance and preserve water supply, which are critical for the socioeconomic health of the region. Under existing conditions in dryer years, SSWD does not meet its full water delivery, which affects socioeconomic conditions in Sutter and Placer counties. At this time, SSWD proposes to continue to operate the Project as it has for the past 5 years, along with some modifications of operations for management of the additional water storage of 9,836 ac ft that will be developed after completion of the proposed Pool Raise. The changes in operations to manage the additional water storage would improve the reliability of water deliveries as compared to the No Action Alternative, so socioeconomic resources would be improved under the Proposed Project.

### **3.3.9.3 Unavoidable Adverse Effects**

Continued O&M of the Project, including Project-related recreation, would require some commitment of local law enforcement resources. In addition, while there have been few, if any Project-related wildfires, should a fire occur, local fire response services would be needed. These impacts are considered short-term because they are only needed in cases of emergencies. Also, when compared to the overall economic benefit of the Project, in terms of employment and tourism and fees SSWD pays to federal, state and local agencies, these impacts are minor.

### **3.3.9.4 PM&E Measures Not Adopted by SSWD**

As described in Appendix E4, five comment letters or emails (provided in Appendix E3) were submitted regarding SSWD's DLA. SSWD reviewed each letter or email and, with regards to Socioeconomic Resources, no proposals or comments to modify a SSWD proposed measure or add a new measure were identified.

### **3.3.9.5 List of Attachments**

None.