Appendix 19B

IMPLAN Model Documentation

This appendix provides information about the analytical approach, assumptions, data sources and limitations of the IMpact Analysis for PLANning (IMPLAN) model used to evaluate the regional economic impacts under each of the Remand Environmental Impact Statement (EIS) alternatives. This appendix also provides specific assumptions used to link the results from the other economic models to the IMPLAN regional models.

This appendix is organized into three main sections:

- Section 19B.1: IMPLAN Model Analytical Approach
  - This section provides information about the overall analytical framework including the assumptions underlying the IMPLAN model, data sources and the limitations of the model.
- Section 19B.2: Regional Economic Modeling Assumptions
  - This section provides a brief description of the specific assumptions used to link output from the Statewide Agricultural Production (SWAP) model (see Appendix 12A) and California Water Economics Spreadsheet Tool (CWEST) model (see Appendix 19A) to specific IMPLAN regional models. These specific IMPLAN models are used to evaluate potential regional economic changes associated with alternatives with respect to both the No Action Alternative and the Second Basis of Comparison.
- Section 19B.3: IMPLAN Model Results
  - This section provides the results from the IMPLAN model runs.

19B.1 IMPLAN Model Analytical Approach

Regional economic impacts are concerned with the effects of changes in the economy of a region. The magnitudes of the economic impacts are determined by the interactions between linkages within the local/regional economy and the leakages from this economy to the larger economy. Economic linkages are the relationships between industries, businesses, factors of production (e.g., labor and capital) and government created by trade and other exchange, such as taxes, within and among regions. Economic linkages create multiplier effects in a regional economy as money is circulated by trade. The magnitudes of impacts resulting from economic linkages are limited by the amount of leakage that occurs within the region. Economic leakages are a measure of the income shares spent outside of the region. Thus, the more the economic leakage, the less the multiplier effect. Economic leakages are generally higher the smaller the regional economy. For example, the economic leakages for a county are larger than those for the state which are larger than those for the nation.

19B.1.1 Tools and Assumptions

A number of regional economic analysis modeling systems (consisting of data as well as analytical software) are available for use in regional economic analysis, such as Regional Economic Models Inc. (REMI), Regional Industrial Multiplier System II (RIMS II), and IMPLAN. IMPLAN is a computer database and modeling system used to create Input-Output (I-O) models for any combination of US. counties. IMPLAN was originally developed by the U.S. Forest Service in cooperation with the Federal Emergency Management Agency and the U.S. Department of the Interior (DOI) Bureau of Land Management to assist in land and resource management planning. In 1984, the U.S. Forest Service partnered with the University of Minnesota to expand and update IMPLAN data products. The updated IMPLAN software remained with the U.S. Forest Service. Beginning in 1993 through 2013, development of the IMPLAN was under exclusive rights of the Minnesota Implan Group, Inc. (MIG, Inc.), located in Stillwater, Minnesota. MIG, Inc. licensed and distributed the software to users. In 2013 MIG Inc. was purchased by IMPLAN Group LLC, which relocated the offices to Huntersville, North Carolina.

The IMPLAN Model is the most widely used I-O impact model system in the United States. Much more than a set of multipliers, it provides users with the ability to define industries, economic relationships and projects to be analyzed. It can be customized for any county, region, or state, and used to assess the "ripple effects" or "multiplier effects" caused by increasing or decreasing spending in various parts of the economy. This is used primarily to assess the economic impacts of facilities or industries, or changes in their level of activity in a given area.

IMPLAN is a static model that estimates impacts for a snapshot in time when the impacts are expected to occur, based on the makeup of the economy at the time of the underlying IMPLAN data. IMPLAN measures the initial impact to the economy but does not consider long-term adjustments as labor and capital move into alternative uses. This approach is used to compare the alternatives. Realistically, the structure of the economy will adapt and change; therefore, the IMPLAN results can only be used to compare relative changes between alternatives and the No Action Alternative and Second Basis of Comparison and cannot be used to predict or forecast future employment, labor income, or output (sales).

Input-output models measure commodity flows from producers to intermediate and final consumers. Purchases for final use (final demand) drive the model. Industries produce goods and services for final demand and purchase goods and services from other producers. These other producers, in turn, purchase goods and services. This buying of goods and services (indirect purchases) continues until leakages from the analysis area (imports and value added) stop the cycle. These indirect and induced effects (the effects of household spending) can be mathematically derived using a set of multipliers. The multipliers describe the change in output for each regional industry caused by a 1-dollar change in final demand. Figure 19B.1 illustrates the concept of I-O modeling.

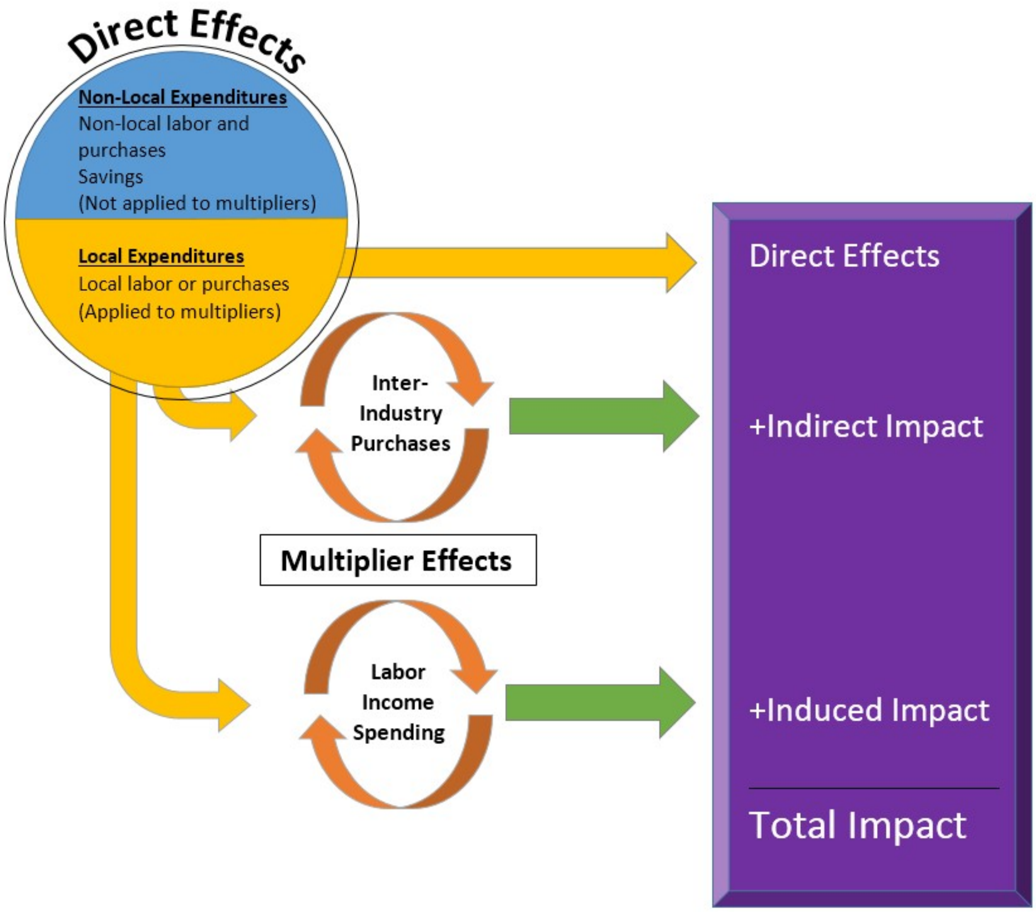

Figure 19B.1 Input-Output Modeling Concept

IMPLAN includes estimates of final demands and final payments for each county developed from government data, a national average matrix of technical coefficients, mathematical tools which help the user make the I-O model, and tools which allow the user to change data, conduct impact analysis, and generate reports.

19B.1.2 Limitations

One of the major limitations with the I-O methodology is the assumption of fixed proportions: for any good or service; all inputs are combined in fixed proportions that are invariant with the level of output. Hence, there is no substitution among production inputs and no economies of scale are possible. Additionally, each production function incorporates fixed, invariant technology.

I-O methodology does not model price effects that might be important to a region. The methodology also assumes that resources that become unemployed or employed due to a change in final demand have no alternative employment.

Finally, the IMPLAN database, even for a single county region, is very large, incorporating up to 440 sectors and more than 20 variables. It is constantly being updated as more data become available and it is virtually impossible to check every number for accuracy. For multi-county regions, the problem is even greater, since validation should begin at the county rather than the regional level. This limitation has been addressed in part in this study by validating the key numbers and coefficients for the IMPLAN sectors of most interest for this EIS.

19B.1.3 Data Sources

The economic data for the IMPLAN model come from the system of national accounts for the United States based on data collected by the U.S. Department of Commerce's Bureau of Economic Analysis, the U.S. Department of Labor's Bureau of Labor Statistics, and other federal and state government agencies. Data are collected for 440 distinct producing industry sectors of the national economy corresponding to the North American Industry Classification System (NAICS). Industry sectors are classified on the basis of the primary commodity or service produced. Corresponding data sets are also produced for each county in the United States, allowing analyses at the county level and for geographic aggregations such as clusters of contiguous counties, individual states, or groups of states. Initially, MIG Inc., and now the IMPLAN Group LLC provide annual IMPLAN I-O datasets representing the state of the economy for any region. Since these data rely on the release of federal economic data, the release of the IMPLAN I-O dataset typically lags by a year or two. For this EIS, the 2012 IMPLAN I-O data were used since this was the most recent dataset available at the time when preparation of this EIS commenced.

Data provided for each industry sector include outputs and inputs from other sectors, value added, employment, wages and business taxes paid, imports and exports, final demand by households and government, capital investment, business inventories, marketing margins, and inflation factors (deflators). These data are provided both for the 440 producing sectors at the national level and for the corresponding sectors at the county level. Data on the technological mix of inputs and levels of transactions between producing sectors are taken from detailed input-output tables of the national economy. National and county level data are the basis for IMPLAN calculations of input-output tables and multipliers for local areas.

19B.2 Regional IMPLAN Model Assumptions

The regional economic analysis was conducted using results from the agricultural production and municipal and industrial (M&I) water use impact analyses. The incremental impact results, estimated by the SWAP and CWEST economic models, were input into the regional IMPLAN models as the direct change caused by each of alternative as compared to the No Action Alternative and the Second Basis of Comparison. The IMPLAN models were then used to estimate the secondary (indirect and induced) regional employment, income, and output.

19B.2.1 Modeling Objectives

The regional economic impacts identified in Chapter 12, Agricultural Resources, and Chapter 19, Socioeconomics, were evaluated for each alternative. Modeling objectives included the evaluation of the following potential impacts:

- Effects on regional employment
- Effects on regional labor income
- Effects on regional total economic output

19B.2.2 Study Areas

Models of the multi-county regions identified in the Affected Environment of Chapter 19, Socioeconomics, were used to measure impacts in terms of total changes in employment, income and economic output in these regions. However, when the multi-county region identified in SWAP and CWEST differed from those identified in the Affected Environment section of Chapter 19, those identified in the other economic tools were used. For example, Plumas County is included in the Sacramento Valley subregion in the Affected Environment section but it is excluded from the CWEST model's Sacramento Valley region. Thus, Sacramento Valley's IMPLAN model excludes Plumas County. Table 19B.1 lists the counties included in the regions identified in the Affected Environment section of Chapter 19, Socioeconomics, the SWAP model, and the CWEST model.

Table 19B.1 Categorization of Counties within Regions

Region	Categorization in Affected Environment Section of Chapter 19, Socioeconomics	Categorization in the SWAP Model	Categorization in the CWEST Model
Central Valley Region – Sacramento	Shasta Plumas Tehama Glenn Colusa Butte Yuba Nevada Sutter Placer El Dorado	Shasta Tehama Glenn Colusa Butte Yuba Nevada Sutter Placer	El Dorado Napa Placer Sacramento Shasta Solano Sutter Yolo
Central Valley Region – San Joaquin	Stanislaus Madera Merced Fresno Tulare Kings Kern	Stanislaus Madera Merced Fresno Tulare Kings Kern	Fresno Kings Kern San Joaquin Tulare
San Francisco Bay Area	Alameda Santa Clara San Benito Napa	–	Alameda Contra Costa San Benito Santa Clara
Central Coast	San Luis Obispo Santa Barbara	–	San Luis Obispo Santa Barbara
Southern California	Ventura Los Angeles Orange San Diego Riverside San Bernardino	–	Kern Ventura Los Angeles Orange San Diego Riverside San Bernardino

IMPLAN models of each regions were used to estimate the secondary employment and income impacts associated with changes in irrigated agricultural production and M&I water costs. Each regional model follows county lines and incorporates, to the extent allowed by available data, the distinct sector characteristics of the region modeled.

19B.2.3 Assumptions

The primary assumption attributable to IMPLAN concerns linkages among regions. Each of the IMPLAN models is a single-region model. Other than assumptions on imports, exports, and regional purchases, the models do not explicitly recognize inter-regional interdependencies among sectors. It is believed that the regions defined for the IMPLAN models are sufficiently large so that each is relatively self-sufficient as an economic entity.

Incremental changes in agricultural production over the long-term condition (82-year simulation period analyzed in this EIS) were similar (within 5 percent) among Alternatives 1 through 5 as compared to the No Action Alternative, and among the No Action Alternative and Alternatives 1 through 5 as compared to the Second Basis of Comparison. Therefore, no IMPLAN analyses were conducted for regional economic impacts associated with the changes in irrigated agriculture production over the long-term condition. For the analyses of dry and critical dry year conditions, the direct inputs from the SWAP model were used as input into the relevant agricultural sector within each of the regions. Table 19B.2 shows the aggregated crop categories from the SWAP model and the IMPLAN sector to which each of these crop categories was assigned.

Table 19B.2 Mapping SWAP Model Results to IMPLAN Sectors

Crop Category	IMPLAN Sector
Grains	Sector 2 – Grain farming
Field Crops	Sector 10 – All other crop farming
Forage Crops	Sector 10 – All other crop farming
Vegetable, truck	Sector 3 – Vegetables and melon farming
Orchards and Vineyards	Sector 4 – Fruit farming

Because the SWAP model results were in 2010 dollars and the IMPLAN regional economic models were based on the 2012 IMPLAN I-O data, the agricultural revenue changes associated with each alternative as compared to the No Action Alternative and the Second Basis of Comparison were converted to 2012 dollars using the gross domestic product (GDP) deflator.

The long-term average year condition M&I cost estimates out of the CWEST model were used as input into the relevant IMPLAN sector and household category within each of the regions. Because the CWEST model results were in 2014 dollars and the IMPLAN regional economic models were based on the 2012 IMPLAN I-O data, the changes in M&I costs were converted to 2012 dollars using the GDP deflator.

19B.3 IMPLAN Results

This section presents the results of the IMPLAN model runs. Employment estimates out of IMPLAN, which are head counts and thus include both part-time and full-time jobs, were adjusted to full-time equivalents (FTEs) using IMPLAN's ratios for each of the 440 sectors.

19B.3.1 No Action Alternative

As described in Chapter 4, Approach to Environmental Analysis, the No Action Alternative is compared to the Second Basis of Comparison.

Tables 19B.3 and 19B.4 summarize the regional economic impacts associated with the changes in irrigated agriculture production in the Central Valley Region in the dry and critical dry years. The income and output estimates are in 2012 dollars.

Tables 19B.5 and 19B.6 summarize the regional economic impacts associated with the changes in M&I water supply costs in the Central Valley Region. The income and output estimates are in 2012 dollars.

Table 19B.7 summarizes the regional economic impacts associated with the changes in M&I water supply costs in the San Francisco Bay Area Region. The income and output estimates are in 2012 dollars.

Table 19B.8 summarizes the regional economic impacts associated with the changes in M&I water supply costs in the Central Coast Region. The income and output estimates are in 2012 dollars.

Table 19B.9 summarizes the regional economic impacts associated with the changes in M&I water supply costs in the Southern California Region. The income and output estimates are in 2012 dollars.

19B.3.2 Alternative 1 Compared to No Action Alternative

Tables 19B.10 and 19B.11 summarize the regional economic impacts associated with the changes in irrigated agriculture production in the Central Valley Region. The income and output estimates are in 2012 dollars.

Tables 19B.12 and 19B.13 summarize the regional economic impacts associated with the changes in M&I water supply costs in the Central Valley Region. The income and output estimates are in 2012 dollars.

Table 19B.14 summarizes the regional economic impacts associated with the changes in M&I water supply costs in the San Francisco Bay Area Region. The income and output estimates are in 2012 dollars.

Table 19B.15 summarizes the regional economic impacts associated with the changes in M&I water supply costs in the Central Coast Region. The income and output estimates are in 2012 dollars.

Table 19B.16 summarizes the regional economic impacts associated with the changes in M&I water supply costs in the Southern California Region. The income and output estimates are in 2012 dollars.

19B.3.3 Alternative 3 Compared to No Action Alternative

Tables 19B.17 and 19B.18 summarize the regional economic impacts associated with the changes in irrigated agriculture production in the Central Valley Region. The income and output estimates are in 2012 dollars.

Tables 19B.19 and 19B.20 summarize the regional economic impacts associated with the changes in M&I water supply costs in the Central Valley Region. The income and output estimates are in 2012 dollars.

Table 19B.21 summarizes the regional economic impacts associated with the changes in M&I water supply costs in the San Francisco Bay Area Region. The income and output estimates are in 2012 dollars.

Table 19B.22 summarizes the regional economic impacts associated with the changes in M&I water supply costs in the Central Coast Region. The income and output estimates are in 2012 dollars.

Table 19B.23 summarizes the regional economic impacts associated with the changes in M&I water supply costs in the Southern California Region. The income and output estimates are in 2012 dollars.

19B.3.4 Alternative 3 Compared to Second Basis of Comparison

Tables 19B.24 and 19B.25 summarize the regional economic impacts associated with the changes in irrigated agriculture production in the Central Valley Region. The income and output estimates are in 2012 dollars.

Tables 19B.26 and 19B.27 summarize the regional economic impacts associated with the changes in M&I water supply costs in the Central Valley Region. The income and output estimates are in 2012 dollars.

Table 19B.28 summarizes the regional economic impacts associated with the changes in M&I water supply costs in the San Francisco Bay Area Region. The income and output estimates are in 2012 dollars.

Table 19B.29 summarizes the regional economic impacts associated with the changes in M&I water supply costs in the Central Coast Region. The income and output estimates are in 2012 dollars.

Table 19B.30 summarizes the regional economic impacts associated with the changes in M&I water supply costs in the Southern California Region. The income and output estimates are in 2012 dollars.

19B.3.5 Alternative 5 Compared to No Action Alternative

Tables 19B.31 and 19B.32 summarize the regional economic impacts associated with the changes in irrigated agriculture production in the Central Valley Region. The income and output estimates are in 2012 dollars.

Tables 19B.33 and 19B.34 summarize the regional economic impacts associated with the changes in M&I water supply costs in the Central Valley Region. The income and output estimates are in 2012 dollars.

Table 19B.35 summarizes the regional economic impacts associated with the changes in M&I water supply costs in the San Francisco Bay Area Region. The income and output estimates are in 2012 dollars.

Table 19B.36 summarizes the regional economic impacts associated with the changes in M&I water supply costs in the Central Coast Region. The income and output estimates are in 2012 dollars.

Table 19B.37 summarizes the regional economic impacts associated with the changes in M&I water supply costs in the Southern California Region. The income and output estimates are in 2012 dollars.

19B.3.6 Alternative 5 Compared to Second Basis of Comparison

Tables 19B.38 and 19B.39 summarize the regional economic impacts associated with the changes in irrigated agriculture production in the Central Valley Region. The income and output estimates are in 2012 dollars.

Tables 19B.40 and 19B.41 summarize the regional economic impacts associated with the changes in M&I water supply costs in the Central Valley Region. The income and output estimates are in 2012 dollars.

Table 19B.42 summarizes the regional economic impacts associated with the changes in M&I water supply costs in the San Francisco Bay Area Region. The income and output estimates are in 2012 dollars.

Table 19B.43 summarizes the regional economic impacts associated with the changes in M&I water supply costs in the Central Coast Region. The income and output estimates are in 2012 dollars.

Table 19B.44 summarizes the regional economic impacts associated with the changes in M&I water supply costs in the Southern California Region. The income and output estimates are in 2012 dollars.

19B.4 References

IMPLAN Group, LLC, IMPLAN System (data and software), 16740 Birkdale Commons Parkway, Suite 206, Huntersville, NC 28078 www.IMPLAN.com.

Table 19B.3 Changes in Agricultural-related Regional Economic Impacts for the Sacramento Valley under the No Action Alternative as Compared to the Second Basis of Comparison in Dry and Critical Dry Years

	Employment				Labor Income ($ millions)*				Economic Output ($ millions)*			
Economic Sectors	**Direct**	**Indirect**	**Induced**	**Total**	**Direct**	**Indirect**	**Induced**	**Total**	**Direct**	**Indirect**	**Induced**	**Total**
Agriculture	-87	-21	0	-108	-2.7	-0.8	0.0	-3.5	-11.3	-1.3	0.0	-12.7
Mining & Logging	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction	0	-1	0	-1	0.0	-0.1	0.0	-0.1	0.0	-0.1	0.0	-0.2
Manufacturing	0	0	0	0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
Transportation, Warehousing & Utilities	0	-1	0	-2	0.0	-0.1	0.0	-0.1	0.0	-0.4	-0.1	-0.5
Wholesale Trade	0	-1	-1	-2	0.0	-0.1	0.0	-0.1	0.0	-0.2	-0.1	-0.3
Retail Trade	0	0	-4	-4	0.0	0.0	-0.2	-0.2	0.0	0.0	-0.3	-0.3
Information	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
Financial Activities	0	-7	-2	-9	0.0	-0.2	-0.1	-0.3	0.0	-1.6	-0.8	-2.5
Services	0	-3	-12	-15	0.0	-0.1	-0.5	-0.7	0.0	-0.3	-1.0	-1.3
Government	0	0	0	0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	-0.1
Total	**-87**	**-36**	**-19**	**-142**	**-2.7**	**-1.5**	**-0.9**	**-5.1**	**-11.3**	**-4.2**	**-2.5**	**-18.1**

Note:
* In 2012 dollars.

Table 19B.4 Changes in Agricultural-related Regional Economic Impacts for the San Joaquin Valley under the No Action Alternative as Compared to the Second Basis of Comparison in Dry and Critical Dry Years

	Employment				Labor Income ($ millions)*				Economic Output ($ millions)*			
Economic Sectors	**Direct**	**Indirect**	**Induced**	**Total**	**Direct**	**Indirect**	**Induced**	**Total**	**Direct**	**Indirect**	**Induced**	**Total**
Agriculture	-139	-53	0	-192	-5.2	-1.9	0.0	-7.1	-20.3	-2.3	-0.1	-22.7
Mining & Logging	0	-1	0	-1	0.0	-0.1	0.0	-0.1	0.0	-0.3	0.0	-0.3
Construction	0	-2	0	-2	0.0	-0.1	0.0	-0.1	0.0	-0.2	0.0	-0.2
Manufacturing	0	-1	0	-2	0.0	-0.1	0.0	-0.1	0.0	-1.8	-0.3	-2.1
Transportation, Warehousing & Utilities	0	-3	-1	-4	0.0	-0.2	-0.1	-0.3	0.0	-0.8	-0.2	-1.0
Wholesale Trade	0	-2	-1	-3	0.0	-0.1	-0.1	-0.2	0.0	-0.4	-0.2	-0.5
Retail Trade	0	0	-7	-8	0.0	0.0	-0.3	-0.3	0.0	0.0	-0.6	-0.6
Information	0	0	0	-1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.2
Financial Activities	0	-12	-3	-15	0.0	-0.3	-0.1	-0.4	0.0	-2.7	-1.5	-4.1
Services	0	-5	-21	-26	0.0	-0.2	-0.9	-1.2	0.0	-0.5	-1.7	-2.2
Government	0	-1	0	-1	0.0	-0.1	0.0	-0.1	0.0	-0.2	-0.1	-0.3
Total	**-139**	**-79**	**-35**	**-254**	**-5.2**	**-3.1**	**-1.6**	**-9.9**	**-20.3**	**-9.2**	**-4.9**	**-34.4**

Note:

* In 2012 dollars.

Table 19B.5 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the Sacramento Valley under the No Action Alternative as Compared to the Second Basis of Comparison

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	0	0	0.0	0.0	-0.7	-0.7	0.0	0.1	-1.7	-1.6
Mining & Logging	0	0	0	0	0.0	0.1	0.0	0.1	0.0	0.4	-0.3	0.1
Construction	0	0	0	0	0.0	15.6	-1.4	14.2	0.0	29.0	-2.5	26.5
Manufacturing	0	0	0	0	0.0	0.4	-2.3	-1.9	0.0	3.1	-22.2	-19.1
Transportation, Warehousing & Utilities	1	0	0	1	68.2	0.8	-5.5	63.5	286.4	2.8	-18.0	271.2
Wholesale Trade	0	0	0	0	0.0	0.4	-9.5	-9.1	0.0	1.0	-27.1	-26.1
Retail Trade	0	0	-1	-1	0.0	0.5	-23.3	-22.9	0.0	0.9	-46.6	-45.6
Information	0	0	0	0	0.0	0.5	-3.4	-2.9	0.0	3.4	-20.6	-17.2
Financial Activities	0	0	0	0	0.0	2.2	-16.9	-14.7	0.0	13.0	-147.7	-134.6
Services	0	0	-2	-1	0.0	16.8	-86.7	-69.9	0.0	30.8	-154.7	-123.9
Government	0	0	0	0	0.0	0.1	-1.9	-1.8	0.0	0.2	-3.8	-3.7
Total	**1**	**1**	**-3**	**-1**	**68.2**	**37.4**	**-151.8**	**-46.2**	**286.4**	**84.8**	**-445.2**	**-74.0**

Note:
* In 2012 dollars.

Table 19B.6 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the San Joaquin Valley under the No Action Alternative as Compared to the Second Basis of Comparison

	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
Economic Sectors	**Direct**	**Indirect**	**Induced**	**Total**	**Direct**	**Indirect**	**Induced**	**Total**	**Direct**	**Indirect**	**Induced**	**Total**
Agriculture	0	0	0	0	0.0	0.0	-2.2	-2.2	0.0	0.0	-6.7	-6.7
Mining & Logging	0	0	0	0	0.0	-0.1	-2.1	-2.2	0.0	-0.4	-6.4	-6.8
Construction	0	0	0	0	0.0	-7.1	-3.1	-10.1	0.0	-13.3	-5.6	-18.9
Manufacturing	0	0	0	0	0.0	-0.1	-3.8	-3.9	0.0	-1.4	-46.4	-47.8
Transportation, Warehousing & Utilities	-1	0	0	-1	-39.9	-0.3	-11.8	-52.0	-140.8	-1.4	-44.7	-186.9
Wholesale Trade	0	0	0	0	0.0	-0.1	-13.3	-13.4	0.0	-0.4	-39.0	-39.3
Retail Trade	0	0	-1	-1	0.0	-0.2	-48.4	-48.6	0.0	-0.4	-97.4	-97.8
Information	0	0	0	0	0.0	-0.2	-4.9	-5.1	0.0	-1.0	-27.0	-28.0
Financial Activities	0	0	-1	-1	0.0	-0.6	-17.8	-18.4	0.0	-4.3	-263.7	-268.0
Services	0	0	-3	-3	0.0	-6.1	-155.3	-161.4	0.0	-11.7	-292.3	-303.9
Government	0	0	0	0	0.0	-0.1	-6.2	-6.3	0.0	-0.1	-12.9	-13.0
Total	**-1**	**0**	**-6**	**-7**	**-39.9**	**-15.0**	**-268.8**	**-323.6**	**-140.8**	**-34.3**	**-842.0**	**-1,017.2**

Note:
* In 2012 dollars.

Table 19B.7 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the San Francisco under the No Action Alternative as Compared to the Second Basis of Comparison

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	0	0	0.0	0.0	-4.1	-4.0	0.0	0.1	-7.9	-7.8
Mining & Logging	0	0	0	0	0.0	0.7	-1.8	-1.1	0.0	1.6	-5.0	-3.4
Construction	0	1	0	1	0.0	96.2	-22.8	73.3	0.0	158.8	-37.1	121.7
Manufacturing	0	0	0	0	0.0	3.1	-51.8	-48.8	0.0	28.8	-478.0	-449.1
Transportation, Warehousing & Utilities	5	0	-1	4	592.5	3.4	-65.0	530.9	1,492.4	11.2	-183.5	1,320.1
Wholesale Trade	0	0	-1	-1	0.0	2.2	-157.8	-155.6	0.0	5.0	-350.6	-345.7
Retail Trade	0	0	-6	-6	0.0	2.3	-306.5	-304.2	0.0	4.2	-567.2	-563.0
Information	0	0	-1	-1	0.0	4.4	-91.6	-87.2	0.0	16.8	-306.6	-289.8
Financial Activities	0	0	-5	-4	0.0	11.9	-218.8	-206.8	0.0	55.8	-1,740.5	-1,684.7
Services	0	1	-20	-19	0.0	84.3	-1,321.5	-1,237.2	0.0	133.7	-2,162.8	-2,029.1
Government	0	0	0	0	0.0	0.4	-30.5	-30.1	0.0	0.7	-55.1	-54.4
Total	**5**	**3**	**-35**	**-27**	**592.5**	**208.9**	**-2,272.2**	**-1,470.8**	**1,492.4**	**416.7**	**-5,894.3**	**-3,985.2**

Note:

* In 2012 dollars.

Table 19B.8 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the Central Coast Region under the No Action Alternative as Compared to the Second Basis of Comparison

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	0	0	0.0	0.2	-2.2	-2.0	0.0	0.6	-4.0	-3.4
Mining & Logging	0	0	0	0	0.0	1.8	-2.1	-0.3	0.0	6.4	-9.3	-2.9
Construction	0	2	0	2	0.0	106.3	-5.4	100.8	0.0	201.9	-9.7	192.2
Manufacturing	0	0	0	0	0.0	1.6	-2.7	-1.1	0.0	26.8	-51.8	-25.0
Transportation, Warehousing & Utilities	6	0	0	6	371.2	3.8	-13.4	361.6	1,510.8	17.0	-56.2	1,471.6
Wholesale Trade	0	0	0	0	0.0	1.7	-20.2	-18.5	0.0	4.8	-58.6	-53.8
Retail Trade	0	0	-1	-1	0.0	3.2	-61.0	-57.8	0.0	6.1	-118.5	-112.4
Information	0	0	0	0	0.0	2.3	-9.0	-6.7	0.0	12.0	-39.0	-27.0
Financial Activities	0	0	-1	-1	0.0	11.8	-29.8	-18.0	0.0	68.9	-352.0	-283.2
Services	0	2	-5	-3	0.0	88.9	-243.3	-154.5	0.0	167.1	-447.4	-280.3
Government	0	0	0	0	0.0	0.5	-6.7	-6.2	0.0	0.9	-13.2	-12.3
Total	**6**	**4**	**-8**	**2**	**371.2**	**222.1**	**-395.9**	**197.4**	**1,510.8**	**512.7**	**-1,159.9**	**863.6**

Note:

* In 2012 dollars.

Table 19B.9 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the Southern California Region under the No Action Alternative as Compared to the Second Basis of Comparison

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	2	1	0.0	-4.5	126.9	122.4	0.0	-12.5	272.7	260.2
Mining & Logging	0	-1	1	1	0.0	-49.2	98.7	49.5	0.0	-164.2	369.0	204.8
Construction	0	-43	3	-40	0.0	-2,828.3	222.0	-2,606.3	0.0	-5,205.5	395.5	-4,810.0
Manufacturing	0	-2	10	8	0.0	-180.9	803.4	622.5	0.0	-1,452.6	6,814.5	5,361.9
Transportation, Warehousing & Utilities	-175	-2	12	-166	-12,868.2	-164.5	820.7	-12,212.1	-43,673.4	-592.0	2,602.9	-41,662.5
Wholesale Trade	0	-1	20	19	0.0	-102.7	1,618.8	1,516.1	0.0	-275.3	4,339.0	4,063.8
Retail Trade	0	-2	58	56	0.0	-89.5	2,588.4	2,498.8	0.0	-170.6	5,106.3	4,935.7
Information	0	-1	6	5	0.0	-140.2	752.3	612.1	0.0	-637.5	2,962.1	2,324.6
Financial Activities	0	-9	52	43	0.0	-573.3	2,853.6	2,280.3	0.0	-2,528.7	17,797.9	15,269.1
Services	0	-46	212	166	0.0	-3,269.1	11,460.9	8,191.7	0.0	-5,542.2	20,430.6	14,888.4
Government	0	0	3	3	0.0	-17.1	306.1	289.0	0.0	-29.8	587.3	557.5
Total	**-175**	**-108**	**378**	**95**	**-12,868.2**	**-7,419.5**	**21,651.7**	**1,364.0**	**-43,673.4**	**-16,611.0**	**61,677.8**	**1,393.5**

Note:

* In 2012 dollars.

Table 19B.10 Changes in Agricultural-related Regional Economic Impacts for the Sacramento Valley under Alternative 1 as Compared to No Action Alternative in Dry and Critical Dry Years

Economic Sectors	Employment				Labor Income ($ millions) *				Economic Output ($ millions)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	87	21	0	108	2.7	0.8	0.0	3.5	11.3	1.3	0.0	12.7
Mining & Logging	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction	0	1	0	1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.2
Manufacturing	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Transportation, Warehousing & Utilities	0	1	0	2	0.0	0.1	0.0	0.1	0.0	0.4	0.1	0.5
Wholesale Trade	0	1	1	2	0.0	0.1	0.0	0.1	0.0	0.2	0.1	0.3
Retail Trade	0	0	4	4	0.0	0.0	0.2	0.2	0.0	0.0	0.3	0.3
Information	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Financial Activities	0	7	2	9	0.0	0.2	0.1	0.3	0.0	1.6	0.8	2.5
Services	0	3	12	15	0.0	0.1	0.5	0.7	0.0	0.3	1.0	1.3
Government	0	0	0	0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1
Total	**87**	**36**	**19**	**142**	**2.7**	**1.5**	**0.9**	**5.1**	**11.3**	**4.2**	**2.5**	**18.1**

Note:

* In 2012 dollars.

Table 19B.11 Changes in Agricultural-related Regional Economic Impacts for the San Joaquin Valley under Alternative 1 as Compared to No Action Alternative in Dry and Critical Dry Years

Economic Sectors	Employment				Labor Income ($ millions)*				Economic Output ($ millions)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	139	53	0	192	5.2	1.9	0.0	7.1	20.3	2.3	0.1	22.7
Mining & Logging	0	1	0	1	0.0	0.1	0.0	0.1	0.0	0.3	0.0	0.3
Construction	0	2	0	2	0.0	0.1	0.0	0.1	0.0	0.2	0.0	0.2
Manufacturing	0	1	0	2	0.0	0.1	0.0	0.1	0.0	1.8	0.3	2.1
Transportation, Warehousing & Utilities	0	3	1	4	0.0	0.2	0.1	0.3	0.0	0.8	0.2	1.0
Wholesale Trade	0	2	1	3	0.0	0.1	0.1	0.2	0.0	0.4	0.2	0.5
Retail Trade	0	0	7	8	0.0	0.0	0.3	0.3	0.0	0.0	0.6	0.6
Information	0	0	0	1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
Financial Activities	0	12	3	15	0.0	0.3	0.1	0.4	0.0	2.7	1.5	4.1
Services	0	5	21	26	0.0	0.2	0.9	1.2	0.0	0.5	1.7	2.2
Government	0	1	0	1	0.0	0.1	0.0	0.1	0.0	0.2	0.1	0.3
Total	**139**	**79**	**35**	**254**	**5.2**	**3.1**	**1.6**	**9.9**	**20.3**	**9.2**	**4.9**	**34.4**

Note:

* In 2012 dollars.

Table 19B.12 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the Sacramento Valley under Alternative 1 as Compared to No Action Alternative

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	0	0	0.0	0.0	0.7	0.7	0.0	-0.1	1.7	1.6
Mining & Logging	0	0	0	0	0.0	-0.1	0.0	-0.1	0.0	-0.4	0.3	-0.1
Construction	0	0	0	0	0.0	-15.6	1.4	-14.2	0.0	-29.0	2.5	-26.5
Manufacturing	0	0	0	0	0.0	-0.4	2.3	1.9	0.0	-3.1	22.2	19.1
Transportation, Warehousing & Utilities	-1	0	0	-1	-68.2	-0.8	5.5	-63.5	-286.4	-2.8	18.0	-271.2
Wholesale Trade	0	0	0	0	0.0	-0.4	9.5	9.1	0.0	-1.0	27.1	26.1
Retail Trade	0	0	1	1	0.0	-0.5	23.3	22.9	0.0	-0.9	46.6	45.6
Information	0	0	0	0	0.0	-0.5	3.4	2.9	0.0	-3.4	20.6	17.2
Financial Activities	0	0	0	0	0.0	-2.2	16.9	14.7	0.0	-13.0	147.7	134.6
Services	0	0	2	1	0.0	-16.8	86.7	69.9	0.0	-30.8	154.7	123.9
Government	0	0	0	0	0.0	-0.1	1.9	1.8	0.0	-0.2	3.8	3.7
Total	**-1**	**-1**	**3**	**1**	**-68.2**	**-37.4**	**151.8**	**46.2**	**-286.4**	**-84.8**	**445.2**	**74.0**

Note:

* In 2012 dollars.

Table 19B.13 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the San Joaquin Valley under Alternative 1 as Compared to No Action Alternative

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	0	0	0.0	0.0	2.2	2.2	0.0	0.0	6.7	6.7
Mining & Logging	0	0	0	0	0.0	0.1	2.1	2.2	0.0	0.4	6.4	6.8
Construction	0	0	0	0	0.0	7.1	3.1	10.1	0.0	13.3	5.6	18.9
Manufacturing	0	0	0	0	0.0	0.1	3.8	3.9	0.0	1.4	46.4	47.8
Transportation, Warehousing & Utilities	1	0	0	1	39.9	0.3	11.8	52.0	140.8	1.4	44.7	186.9
Wholesale Trade	0	0	0	0	0.0	0.1	13.3	13.4	0.0	0.4	39.0	39.3
Retail Trade	0	0	1	1	0.0	0.2	48.4	48.6	0.0	0.4	97.4	97.8
Information	0	0	0	0	0.0	0.2	4.9	5.1	0.0	1.0	27.0	28.0
Financial Activities	0	0	1	1	0.0	0.6	17.8	18.4	0.0	4.3	263.7	268.0
Services	0	0	3	3	0.0	6.1	155.3	161.4	0.0	11.7	292.3	303.9
Government	0	0	0	0	0.0	0.1	6.2	6.3	0.0	0.1	12.9	13.0
Total	**1**	**0**	**6**	**7**	**39.9**	**15.0**	**268.8**	**323.6**	**140.8**	**34.3**	**842.0**	**1,017.2**

Note:
* In 2012 dollars.

Table 19B.14 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the San Francisco under Alternative 1 Compared to the No Action Alternative

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	0	0	0.0	0.0	4.1	4.0	0.0	-0.1	7.9	7.8
Mining & Logging	0	0	0	0	0.0	-0.7	1.8	1.1	0.0	-1.6	5.0	3.4
Construction	0	-1	0	-1	0.0	-96.2	22.8	-73.3	0.0	-158.8	37.1	-121.7
Manufacturing	0	0	0	0	0.0	-3.1	51.8	48.8	0.0	-28.8	478.0	449.1
Transportation, Warehousing & Utilities	-5	0	1	-4	-592.5	-3.4	65.0	-530.9	-1,492.4	-11.2	183.5	-1,320.1
Wholesale Trade	0	0	1	1	0.0	-2.2	157.8	155.6	0.0	-5.0	350.6	345.7
Retail Trade	0	0	6	6	0.0	-2.3	306.5	304.2	0.0	-4.2	567.2	563.0
Information	0	0	1	1	0.0	-4.4	91.6	87.2	0.0	-16.8	306.6	289.8
Financial Activities	0	0	5	4	0.0	-11.9	218.8	206.8	0.0	-55.8	1,740.5	1,684.7
Services	0	-1	20	19	0.0	-84.3	1,321.5	1,237.2	0.0	-133.7	2,162.8	2,029.1
Government	0	0	0	0	0.0	-0.4	30.5	30.1	0.0	-0.7	55.1	54.4
Total	**-5**	**-3**	**35**	**27**	**-592.5**	**-208.9**	**2,272.2**	**1,470.8**	**-1,492.4**	**-416.7**	**5,894.3**	**3,985.2**

Note:

* In 2012 dollars.

Table 19B.15 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the Central Coast Region under Alternative 1 Compared to the No Action Alternative

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	0	0	0.0	-0.2	2.2	2.0	0.0	-0.6	4.0	3.4
Mining & Logging	0	0	0	0	0.0	-1.8	2.1	0.3	0.0	-6.4	9.3	2.9
Construction	0	-2	0	-2	0.0	-106.3	5.4	-100.8	0.0	-201.9	9.7	-192.2
Manufacturing	0	0	0	0	0.0	-1.6	2.7	1.1	0.0	-26.8	51.8	25.0
Transportation, Warehousing & Utilities	-6	0	0	-6	-371.2	-3.8	13.4	-361.6	-1,510.8	-17.0	56.2	-1,471.6
Wholesale Trade	0	0	0	0	0.0	-1.7	20.2	18.5	0.0	-4.8	58.6	53.8
Retail Trade	0	0	1	1	0.0	-3.2	61.0	57.8	0.0	-6.1	118.5	112.4
Information	0	0	0	0	0.0	-2.3	9.0	6.7	0.0	-12.0	39.0	27.0
Financial Activities	0	0	1	1	0.0	-11.8	29.8	18.0	0.0	-68.9	352.0	283.2
Services	0	-2	5	3	0.0	-88.9	243.3	154.5	0.0	-167.1	447.4	280.3
Government	0	0	0	0	0.0	-0.5	6.7	6.2	0.0	-0.9	13.2	12.3
Total	**-6**	**-4**	**8**	**-2**	**-371.2**	**-222.1**	**395.9**	**-197.4**	**-1,510.8**	**-512.7**	**1,159.9**	**-863.6**

Note:

* In 2012 dollars.

Table 19B.16 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the Southern California Region under Alternative 1 Compared to the No Action Alternative

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	-2	-1	0.0	4.5	-126.9	-122.4	0.0	12.5	-272.7	-260.2
Mining & Logging	0	1	-1	-1	0.0	49.2	-98.7	-49.5	0.0	164.2	-369.0	-204.8
Construction	0	43	-3	40	0.0	2,828.3	-222.0	2,606.3	0.0	5,205.5	-395.5	4,810.0
Manufacturing	0	2	-10	-8	0.0	180.9	-803.4	-622.5	0.0	1,452.6	-6,814.5	-5,361.9
Transportation, Warehousing & Utilities	175	2	-12	166	12,868.2	164.5	-820.7	12,212.1	43,673.4	592.0	-2,602.9	41,662.5
Wholesale Trade	0	1	-20	-19	0.0	102.7	-1,618.8	-1,516.1	0.0	275.3	-4,339.0	-4,063.8
Retail Trade	0	2	-58	-56	0.0	89.5	-2,588.4	-2,498.8	0.0	170.6	-5,106.3	-4,935.7
Information	0	1	-6	-5	0.0	140.2	-752.3	-612.1	0.0	637.5	-2,962.1	-2,324.6
Financial Activities	0	9	-52	-43	0.0	573.3	-2,853.6	-2,280.3	0.0	2,528.7	-17,797.9	-15,269.1
Services	0	46	-212	-166	0.0	3,269.1	-11,460.9	-8,191.7	0.0	5,542.2	-20,430.6	-14,888.4
Government	0	0	-3	-3	0.0	17.1	-306.1	-289.0	0.0	29.8	-587.3	-557.5
Total	**175**	**108**	**-378**	**-95**	**12,868.2**	**7,419.5**	**-21,651.7**	**-1,364.0**	**43,673.4**	**16,611.0**	**-61,677.8**	**-1,393.5**

Note:

* In 2012 dollars.

Table 19B.17 Changes in Agricultural-related Regional Economic Impacts for the Sacramento Valley under Alternative 3 as Compared to the No Action Alternative in Dry and Critical Dry Years

Economic Sectors	Employment				Labor Income ($ millions)*				Economic Output ($ millions)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	69	18	0	86	2.4	0.7	0.0	3.1	9.2	1.1	0.0	10.3
Mining & Logging	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction	0	1	0	1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1
Manufacturing	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Transportation, Warehousing & Utilities	0	1	0	1	0.0	0.1	0.0	0.1	0.0	0.3	0.1	0.4
Wholesale Trade	0	1	0	1	0.0	0.1	0.0	0.1	0.0	0.2	0.1	0.3
Retail Trade	0	0	3	3	0.0	0.0	0.1	0.1	0.0	0.0	0.3	0.3
Information	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Financial Activities	0	5	2	7	0.0	0.2	0.1	0.3	0.0	1.3	0.7	2.0
Services	0	3	10	13	0.0	0.1	0.5	0.6	0.0	0.2	0.9	1.1
Government	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Total	**69**	**29**	**17**	**115**	**2.4**	**1.2**	**0.8**	**4.4**	**9.2**	**3.4**	**2.2**	**14.8**

Note:
* In 2012 dollars.

Table 19B.18 Changes in Agricultural-related Regional Economic Impacts for the San Joaquin Valley under Alternative 3 as Compared to the No Action Alternative in Dry and Critical Dry Years

	Employment				Labor Income ($ millions)*				Economic Output ($ millions)*			
Economic Sectors	**Direct**	**Indirect**	**Induced**	**Total**	**Direct**	**Indirect**	**Induced**	**Total**	**Direct**	**Indirect**	**Induced**	**Total**
Agriculture	103	26	0	130	1.8	0.9	0.0	2.7	11.4	1.2	0.0	12.7
Mining & Logging	0	1	0	1	0.0	0.1	0.0	0.1	0.0	0.2	0.0	0.2
Construction	0	1	0	1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1
Manufacturing	0	1	0	1	0.0	0.1	0.0	0.1	0.0	1.2	0.1	1.3
Transportation, Warehousing & Utilities	0	2	0	2	0.0	0.1	0.0	0.2	0.0	0.5	0.1	0.6
Wholesale Trade	0	1	0	1	0.0	0.1	0.0	0.1	0.0	0.2	0.1	0.3
Retail Trade	0	0	3	3	0.0	0.0	0.1	0.1	0.0	0.0	0.3	0.3
Information	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Financial Activities	0	8	1	10	0.0	0.2	0.0	0.2	0.0	1.8	0.6	2.5
Services	0	3	9	12	0.0	0.1	0.4	0.5	0.0	0.3	0.7	1.0
Government	0	0	0	1	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1
Total	**103**	**44**	**15**	**161**	**1.8**	**1.7**	**0.7**	**4.2**	**11.4**	**5.7**	**2.1**	**19.1**

Note:

* In 2012 dollars.

Table 19B.19 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the Sacramento Valley under Alternative 3 as Compared to the No Action Alternative

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	0	0	0.0	0.0	-0.5	-0.5	0.0	0.1	-1.2	-1.1
Mining & Logging	0	0	0	0	0.0	0.1	0.0	0.1	0.0	0.4	-0.2	0.2
Construction	0	0	0	0	0.0	13.9	-1.0	12.8	0.0	25.8	-1.8	23.9
Manufacturing	0	0	0	0	0.0	0.4	-1.7	-1.4	0.0	2.8	-16.2	-13.5
Transportation, Warehousing & Utilities	1	0	0	1	60.6	0.7	-4.0	57.2	254.4	2.5	-13.1	243.7
Wholesale Trade	0	0	0	0	0.0	0.3	-7.0	-6.6	0.0	0.9	-20.0	-19.1
Retail Trade	0	0	0	0	0.0	0.4	-17.0	-16.5	0.0	0.8	-33.8	-33.0
Information	0	0	0	0	0.0	0.5	-2.5	-2.0	0.0	3.0	-15.1	-12.1
Financial Activities	0	0	0	0	0.0	2.0	-12.3	-10.3	0.0	11.6	-107.7	-96.1
Services	0	0	-1	-1	0.0	14.9	-63.3	-48.3	0.0	27.4	-112.8	-85.4
Government	0	0	0	0	0.0	0.1	-1.4	-1.3	0.0	0.1	-2.8	-2.7
Total	**1**	**1**	**-2**	**0**	**60.6**	**33.3**	**-110.7**	**-16.9**	**254.4**	**75.3**	**-324.8**	**4.9**

Note:
* In 2012 dollars.

Table 19B.20 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the San Joaquin Valley under Alternative 3 as Compared to the No Action Alternative

	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
Economic Sectors	**Direct**	**Indirect**	**Induced**	**Total**	**Direct**	**Indirect**	**Induced**	**Total**	**Direct**	**Indirect**	**Induced**	**Total**
Agriculture	0	0	0	0	0.0	-0.1	-3.0	-3.0	0.0	-0.2	-8.9	-9.1
Mining & Logging	0	0	0	0	0.0	-0.4	-2.7	-3.1	0.0	-1.2	-8.5	-9.7
Construction	0	0	0	0	0.0	-23.0	-4.1	-27.1	0.0	-43.3	-7.4	-50.7
Manufacturing	0	0	0	0	0.0	-0.4	-5.0	-5.4	0.0	-4.4	-62.0	-66.3
Transportation, Warehousing & Utilities	-2	0	0	-2	-129.6	-1.1	-15.7	-146.4	-457.3	-4.4	-59.6	-521.3
Wholesale Trade	0	0	0	0	0.0	-0.4	-17.6	-18.0	0.0	-1.2	-51.6	-52.8
Retail Trade	0	0	-2	-2	0.0	-0.7	-64.9	-65.6	0.0	-1.3	-130.7	-132.0
Information	0	0	0	0	0.0	-0.5	-6.6	-7.1	0.0	-3.2	-36.0	-39.2
Financial Activities	0	0	-1	-1	0.0	-2.1	-23.7	-25.8	0.0	-14.1	-352.2	-366.3
Services	0	0	-5	-5	0.0	-19.9	-207.7	-227.6	0.0	-38.0	-391.1	-429.1
Government	0	0	0	0	0.0	-0.2	-8.3	-8.5	0.0	-0.3	-17.2	-17.5
Total	**-2**	**-1**	**-8**	**-11**	**-129.6**	**-48.6**	**-359.4**	**-537.5**	**-457.3**	**-111.6**	**-1,125.2**	**-1,694.1**

Note:

* In 2012 dollars.

Table 19B.21 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the San Francisco under Alternative 3 Compared to the No Action Alternative

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)=			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	0	0	0.0	0.0	-3.1	-3.1	0.0	0.1	-6.0	-5.9
Mining & Logging	0	0	0	0	0.0	0.8	-1.3	-0.5	0.0	1.9	-3.8	-1.9
Construction	0	1	0	1	0.0	113.1	-17.3	95.7	0.0	186.7	-28.2	158.6
Manufacturing	0	0	0	0	0.0	3.6	-39.4	-35.8	0.0	33.9	-363.5	-329.6
Transportation, Warehousing & Utilities	6	0	-1	5	696.6	3.9	-49.2	651.3	1,754.5	13.2	-139.1	1,628.6
Wholesale Trade	0	0	-1	-1	0.0	2.6	-120.9	-118.3	0.0	5.8	-268.7	-262.9
Retail Trade	0	0	-5	-5	0.0	2.7	-231.6	-228.9	0.0	4.9	-428.6	-423.7
Information	0	0	0	0	0.0	5.2	-69.6	-64.4	0.0	19.8	-233.1	-213.4
Financial Activities	0	0	-3	-3	0.0	14.0	-165.9	-151.8	0.0	65.6	-1,320.3	-1,254.7
Services	0	1	-15	-14	0.0	99.2	-1,001.8	-902.7	0.0	157.2	-1,639.6	-1,482.4
Government	0	0	0	0	0.0	0.5	-23.1	-22.6	0.0	0.8	-41.8	-41.0
Total	**6**	**3**	**-26**	**-17**	**696.6**	**245.6**	**-1,723.3**	**-781.1**	**1,754.5**	**489.9**	**-4,472.7**	**-2,228.3**

Note:
* In 2012 dollars.

Table 19B.22 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the Central Coast Region under Alternative 3 Compared to the No Action Alternative

	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
Economic Sectors	**Direct**	**Indirect**	**Induced**	**Total**	**Direct**	**Indirect**	**Induced**	**Total**	**Direct**	**Indirect**	**Induced**	**Total**
Agriculture	0	0	0	0	0.0	0.2	-1.6	-1.4	0.0	0.4	-2.8	-2.4
Mining & Logging	0	0	0	0	0.0	1.4	-1.5	-0.1	0.0	4.9	-6.5	-1.7
Construction	0	1	0	1	0.0	80.9	-3.8	77.1	0.0	153.8	-6.8	147.0
Manufacturing	0	0	0	0	0.0	1.2	-1.9	-0.6	0.0	20.4	-36.5	-16.0
Transportation, Warehousing & Utilities	5	0	0	5	282.7	2.9	-9.4	276.2	1,150.6	13.0	-39.5	1,124.0
Wholesale Trade	0	0	0	0	0.0	1.3	-14.3	-13.0	0.0	3.7	-41.4	-37.8
Retail Trade	0	0	-1	-1	0.0	2.5	-42.8	-40.3	0.0	4.7	-83.0	-78.4
Information	0	0	0	0	0.0	1.8	-6.3	-4.6	0.0	9.1	-27.4	-18.3
Financial Activities	0	0	-1	0	0.0	9.0	-20.9	-11.9	0.0	52.5	-247.3	-194.8
Services	0	1	-3	-2	0.0	67.7	-170.9	-103.2	0.0	127.3	-314.2	-186.9
Government	0	0	0	0	0.0	0.4	-4.7	-4.3	0.0	0.7	-9.3	-8.6
Total	**5**	**3**	**-6**	**2**	**282.7**	**169.1**	**-278.0**	**173.8**	**1,150.6**	**390.4**	**-814.8**	**726.2**

Note:

* In 2012 dollars.

Table 19B.23 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the Southern California Region under Alternative 3 Compared to the No Action Alternative

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	-1	-1	0.0	3.8	-68.1	-64.3	0.0	10.5	-146.4	-135.8
Mining & Logging	0	1	-1	0	0.0	41.5	-53.4	-12.0	0.0	138.6	-199.8	-61.2
Construction	0	37	-2	35	0.0	2,386.1	-118.9	2,267.2	0.0	4,391.6	-211.9	4,179.8
Manufacturing	0	2	-6	-3	0.0	152.6	-430.4	-277.8	0.0	1,225.5	-3,662.5	-2,437.0
Transportation, Warehousing & Utilities	148	2	-6	143	10,856.3	138.8	-437.2	10,557.9	36,845.0	499.5	-1,389.7	35,954.8
Wholesale Trade	0	1	-11	-10	0.0	86.6	-897.5	-810.8	0.0	232.2	-2,405.6	-2,173.3
Retail Trade	0	2	-31	-29	0.0	75.5	-1,362.6	-1,287.1	0.0	143.9	-2,688.1	-2,544.2
Information	0	1	-3	-2	0.0	118.3	-403.7	-285.4	0.0	537.8	-1,595.7	-1,057.9
Financial Activities	0	7	-28	-20	0.0	483.7	-1,519.6	-1,035.9	0.0	2,133.4	-9,496.1	-7,362.8
Services	0	39	-113	-74	0.0	2,758.0	-6,109.8	-3,351.8	0.0	4,675.7	-10,892.2	-6,216.5
Government	0	0	-2	-1	0.0	14.4	-163.2	-148.8	0.0	25.1	-314.7	-289.6
Total	**148**	**91**	**-202**	**37**	**10,856.3**	**6,259.4**	**-11,564.4**	**5,551.3**	**36,845.0**	**14,013.9**	**-33,002.7**	**17,856.2**

Note:
* In 2012 dollars.

Table 19B.24 Changes in Agricultural-related Regional Economic Impacts for the Sacramento Valley under Alternative 3 as Compared to Second Basis of the Comparison in Dry and Critical Dry Years

Economic Sectors	Employment				Labor Income ($ millions)*				Economic Output ($ millions)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	-18	-4	0	-22	-0.3	-0.1	0.0	-0.4	-2.1	-0.2	0.0	-2.3
Mining & Logging	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Manufacturing	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transportation, Warehousing & Utilities	0	0	0	0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
Wholesale Trade	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Retail Trade	0	0	0	-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Information	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Financial Activities	0	-2	0	-2	0.0	-0.1	0.0	-0.1	0.0	-0.4	-0.1	-0.5
Services	0	-1	-1	-2	0.0	0.0	-0.1	-0.1	0.0	-0.1	-0.1	-0.2
Government	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	**-18**	**-7**	**-2**	**-27**	**-0.3**	**-0.3**	**-0.1**	**-0.6**	**-2.1**	**-0.9**	**-0.3**	**-3.3**

Note:
* In 2012 dollars.

Table 19B.25 Changes in Agricultural-related Regional Economic Impacts for the San Joaquin Valley under Alternative 3 as Compared to Second Basis of the Comparison in Dry and Critical Dry Years

Economic Sectors	Employment				Labor Income ($ millions)*				Economic Output ($ millions)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	-36	-26	0	-63	-3.4	-0.9	0.0	-4.4	-8.9	-1.1	0.0	-10.0
Mining & Logging	0	0	0	0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
Construction	0	-1	0	-1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
Manufacturing	0	0	0	-1	0.0	0.0	0.0	-0.1	0.0	-0.7	-0.2	-0.8
Transportation, Warehousing & Utilities	0	-1	-1	-2	0.0	-0.1	0.0	-0.1	0.0	-0.3	-0.1	-0.5
Wholesale Trade	0	-1	-1	-1	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1	-0.2
Retail Trade	0	0	-4	-4	0.0	0.0	-0.2	-0.2	0.0	0.0	-0.4	-0.4
Information	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
Financial Activities	0	-4	-2	-5	0.0	-0.1	-0.1	-0.2	0.0	-0.8	-0.9	-1.7
Services	0	-2	-12	-14	0.0	-0.1	-0.5	-0.6	0.0	-0.2	-1.0	-1.2
Government	0	0	0	0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	-0.1
Total	**-36**	**-36**	**-20**	**-92**	**-3.4**	**-1.4**	**-0.9**	**-5.8**	**-8.9**	**-3.5**	**-2.8**	**-15.3**

Note:
* In 2012 dollars.

1 **Table 19B.26 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the Sacramento Valley under**
2 **Alternative 3 as Compared to the Second Basis of Comparison**

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	0	0	0.0	0.0	0.2	0.2	0.0	0.0	0.5	0.5
Mining & Logging	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Construction	0	0	0	0	0.0	-1.9	0.4	-1.5	0.0	-3.5	0.7	-2.8
Manufacturing	0	0	0	0	0.0	0.0	0.7	0.6	0.0	-0.4	6.4	6.0
Transportation, Warehousing & Utilities	0	0	0	0	-8.2	-0.1	1.6	-6.7	-34.6	-0.3	5.2	-29.7
Wholesale Trade	0	0	0	0	0.0	0.0	2.7	2.6	0.0	-0.1	7.7	7.6
Retail Trade	0	0	0	0	0.0	-0.1	6.8	6.8	0.0	-0.1	13.6	13.5
Information	0	0	0	0	0.0	-0.1	1.0	0.9	0.0	-0.4	6.0	5.5
Financial Activities	0	0	0	0	0.0	-0.3	4.9	4.6	0.0	-1.6	42.9	41.3
Services	0	0	0	0	0.0	-2.0	25.2	23.2	0.0	-3.7	45.0	41.2
Government	0	0	0	0	0.0	0.0	0.6	0.6	0.0	0.0	1.1	1.1
Total	**0**	**0**	**1**	**1**	**-8.2**	**-4.5**	**44.1**	**31.4**	**-34.6**	**-10.2**	**129.2**	**84.4**

3 Note:
4 * In 2012 dollars.

Table 19B.27 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the San Joaquin Valley under Alternative 3 as Compared to the Second Basis of Comparison

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	0	0	0.0	0.0	-0.7	-0.8	0.0	-0.1	-2.3	-2.4
Mining & Logging	0	0	0	0	0.0	-0.3	-0.7	-1.0	0.0	-0.8	-2.1	-3.0
Construction	0	0	0	0	0.0	-15.9	-1.0	-16.9	0.0	-29.9	-1.9	-31.8
Manufacturing	0	0	0	0	0.0	-0.3	-1.3	-1.5	0.0	-3.0	-15.5	-18.6
Transportation, Warehousing & Utilities	-1	0	0	-1	-89.5	-0.8	-4.0	-94.2	-315.8	-3.0	-14.9	-333.7
Wholesale Trade	0	0	0	0	0.0	-0.3	-4.3	-4.6	0.0	-0.8	-12.7	-13.5
Retail Trade	0	0	0	0	0.0	-0.5	-16.6	-17.0	0.0	-0.9	-33.4	-34.3
Information	0	0	0	0	0.0	-0.4	-1.6	-2.0	0.0	-2.2	-9.0	-11.2
Financial Activities	0	0	0	0	0.0	-1.4	-5.9	-7.4	0.0	-9.7	-88.6	-98.4
Services	0	0	-1	-1	0.0	-13.7	-52.5	-66.2	0.0	-26.2	-99.0	-125.2
Government	0	0	0	0	0.0	-0.1	-2.1	-2.2	0.0	-0.2	-4.3	-4.5
Total	**-1**	**-1**	**-2**	**-4**	**-89.5**	**-33.5**	**-90.7**	**-213.7**	**-315.8**	**-77.0**	**-283.5**	**-676.3**

Note:
* In 2012 dollars.

Table 19B.28 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the San Francisco under Alternative 3 Compared to the Second Basis of Comparison

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	0	0	0.0	0.0	1.0	1.0	0.0	0.0	1.9	1.9
Mining & Logging	0	0	0	0	0.0	0.1	0.4	0.5	0.0	0.3	1.2	1.5
Construction	0	0	0	0	0.0	16.9	5.5	22.4	0.0	28.0	9.0	36.9
Manufacturing	0	0	0	0	0.0	0.5	12.5	13.0	0.0	5.1	114.4	119.5
Transportation, Warehousing & Utilities	1	0	0	1	104.3	0.6	15.7	120.6	262.6	2.0	44.3	308.9
Wholesale Trade	0	0	0	0	0.0	0.4	36.9	37.3	0.0	0.9	81.9	82.8
Retail Trade	0	0	2	2	0.0	0.4	74.9	75.3	0.0	0.7	138.5	139.3
Information	0	0	0	0	0.0	0.8	22.0	22.8	0.0	3.0	73.5	76.4
Financial Activities	0	0	1	1	0.0	2.1	52.9	55.0	0.0	9.8	420.2	430.0
Services	0	0	5	5	0.0	14.8	319.7	334.5	0.0	23.5	523.1	546.7
Government	0	0	0	0	0.0	0.1	7.4	7.4	0.0	0.1	13.3	13.4
Total	**1**	**0**	**8**	**10**	**104.3**	**36.8**	**548.8**	**689.8**	**262.6**	**73.3**	**1,421.3**	**1,757.2**

Note:

* In 2012 dollars.

Table 19B.29 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the Central Coast Region under Alternative 3 Compared to the Second Basis of Comparison

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	0	0	0.0	-0.1	0.7	0.6	0.0	-0.1	1.2	1.0
Mining & Logging	0	0	0	0	0.0	-0.4	0.6	0.2	0.0	-1.5	2.8	1.2
Construction	0	0	0	0	0.0	-25.3	1.6	-23.7	0.0	-48.1	2.9	-45.2
Manufacturing	0	0	0	0	0.0	-0.4	0.8	0.4	0.0	-6.4	15.4	9.0
Transportation, Warehousing & Utilities	-2	0	0	-2	-88.4	-0.9	4.0	-85.3	-359.9	-4.1	16.7	-347.2
Wholesale Trade	0	0	0	0	0.0	-0.4	5.9	5.5	0.0	-1.2	17.2	16.1
Retail Trade	0	0	0	0	0.0	-0.8	18.3	17.5	0.0	-1.5	35.5	34.1
Information	0	0	0	0	0.0	-0.6	2.7	2.1	0.0	-2.9	11.6	8.8
Financial Activities	0	0	0	0	0.0	-2.8	8.9	6.1	0.0	-16.4	104.9	88.5
Services	0	0	1	1	0.0	-21.2	72.5	51.4	0.0	-39.8	133.4	93.6
Government	0	0	0	0	0.0	-0.1	2.0	1.9	0.0	-0.2	3.9	3.7
Total	**-2**	**-1**	**2**	**0**	**-88.4**	**-52.9**	**118.0**	**-23.3**	**-359.9**	**-122.1**	**345.5**	**-136.5**

Note:
* In 2012 dollars.

Table 19B.30 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the Southern California Region under Alternative 3 Compared to the Second Basis of Comparison

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	1	1	0.0	-0.7	58.8	58.1	0.0	-2.0	126.3	124.4
Mining & Logging	0	0	1	0	0.0	-7.7	45.3	37.6	0.0	-25.7	169.2	143.5
Construction	0	-7	1	-5	0.0	-442.2	103.1	-339.1	0.0	-813.9	183.7	-630.2
Manufacturing	0	0	5	4	0.0	-28.3	373.0	344.7	0.0	-227.1	3,152.0	2,924.9
Transportation, Warehousing & Utilities	-27	0	5	-22	-2,011.9	-25.7	383.5	-1,654.2	-6,828.3	-92.6	1,213.1	-5,707.8
Wholesale Trade	0	0	9	9	0.0	-16.1	721.4	705.3	0.0	-43.0	1,933.5	1,890.4
Retail Trade	0	0	27	27	0.0	-14.0	1,225.7	1,211.7	0.0	-26.7	2,418.2	2,391.5
Information	0	0	3	3	0.0	-21.9	348.6	326.7	0.0	-99.7	1,366.4	1,266.7
Financial Activities	0	-1	24	23	0.0	-89.6	1,334.0	1,244.4	0.0	-395.4	8,301.7	7,906.3
Services	0	-7	99	92	0.0	-511.1	5,351.1	4,839.9	0.0	-866.5	9,538.4	8,671.9
Government	0	0	1	1	0.0	-2.7	142.9	140.2	0.0	-4.7	272.6	268.0
Total	**-27**	**-17**	**177**	**132**	**-2,011.9**	**-1,160.0**	**10,087.3**	**6,915.3**	**-6,828.3**	**-2,597.1**	**28,675.1**	**19,249.7**

Note:
* In 2012 dollars.

Table 19B.31 Changes in Agricultural-related Regional Economic Impacts for the Sacramento Valley under Alternative 5 as Compared to the No Action Alternative in Dry and Critical Dry Years

Economic Sectors	Employment				Labor Income ($ millions)*				Economic Output ($ millions)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	3	2	0	4	0.4	0.1	0.0	0.4	0.8	0.1	0.0	0.9
Mining & Logging	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Manufacturing	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transportation, Warehousing & Utilities	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wholesale Trade	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Retail Trade	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Information	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Financial Activities	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
Services	0	0	1	2	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1
Government	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	**3**	**2**	**2**	**7**	**0.4**	**0.1**	**0.1**	**0.6**	**0.8**	**0.2**	**0.3**	**1.3**

Note:

* In 2012 dollars.

Table 19B.32 Changes in Agricultural-related Regional Economic Impacts for the San Joaquin Valley under Alternative 5 as Compared to the No Action Alternative in Dry and Critical Dry Years

Economic Sectors	Employment				Labor Income ($ millions)*				Economic Output ($ millions)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	-5	-9	0	-14	-1.3	-0.3	0.0	-1.6	-2.7	-0.4	0.0	-3.0
Mining & Logging	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Manufacturing	0	0	0	0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	-0.2
Transportation, Warehousing & Utilities	0	0	0	-1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
Wholesale Trade	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Retail Trade	0	0	-2	-2	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1	-0.1
Information	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Financial Activities	0	-1	-1	-1	0.0	0.0	0.0	0.0	0.0	-0.2	-0.3	-0.5
Services	0	-1	-4	-5	0.0	0.0	-0.2	-0.2	0.0	-0.1	-0.4	-0.4
Government	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	**-5**	**-11**	**-7**	**-24**	**-1.3**	**-0.4**	**-0.3**	**-2.1**	**-2.7**	**-0.9**	**-1.0**	**-4.6**

Note:

* In 2012 dollars.

Table 19B.33 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the Sacramento Valley under Alternative 5 as Compared to the No Action Alternative

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mining & Logging	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction	0	0	0	0	0.0	-0.4	0.0	-0.4	0.0	-0.8	0.1	-0.7
Manufacturing	0	0	0	0	0.0	0.0	0.1	0.0	0.0	-0.1	0.6	0.5
Transportation, Warehousing & Utilities	0	0	0	0	-1.8	0.0	0.1	-1.7	-7.8	-0.1	0.5	-7.4
Wholesale Trade	0	0	0	0	0.0	0.0	0.2	0.2	0.0	0.0	0.7	0.7
Retail Trade	0	0	0	0	0.0	0.0	0.6	0.6	0.0	0.0	1.2	1.1
Information	0	0	0	0	0.0	0.0	0.1	0.1	0.0	-0.1	0.5	0.4
Financial Activities	0	0	0	0	0.0	-0.1	0.4	0.4	0.0	-0.4	3.7	3.4
Services	0	0	0	0	0.0	-0.5	2.2	1.7	0.0	-0.8	3.9	3.0
Government	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Total	**0**	**0**	**0**	**0**	**-1.8**	**-1.0**	**3.8**	**0.9**	**-7.8**	**-2.3**	**11.2**	**1.1**

Note:
* In 2012 dollars.

Table 19B.34 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the San Joaquin Valley under Alternative 5 as Compared to the No Action Alternative

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	0	0	0.0	0.0	0.2	0.3	0.0	0.1	0.7	0.8
Mining & Logging	0	0	0	0	0.0	0.1	0.2	0.3	0.0	0.4	0.7	1.0
Construction	0	0	0	0	0.0	7.4	0.3	7.7	0.0	13.9	0.6	14.5
Manufacturing	0	0	0	0	0.0	0.1	0.4	0.5	0.0	1.4	4.8	6.2
Transportation, Warehousing & Utilities	1	0	0	1	41.5	0.4	1.2	43.1	146.6	1.4	4.6	152.6
Wholesale Trade	0	0	0	0	0.0	0.1	1.3	1.4	0.0	0.4	3.9	4.3
Retail Trade	0	0	0	0	0.0	0.2	5.2	5.5	0.0	0.4	10.6	11.0
Information	0	0	0	0	0.0	0.2	0.5	0.7	0.0	1.0	2.8	3.8
Financial Activities	0	0	0	0	0.0	0.7	1.8	2.5	0.0	4.5	27.7	32.3
Services	0	0	0	0	0.0	6.4	16.5	22.8	0.0	12.2	31.1	43.3
Government	0	0	0	0	0.0	0.1	0.7	0.7	0.0	0.1	1.3	1.5
Total	**1**	**0**	**1**	**1**	**41.5**	**15.6**	**28.5**	**85.6**	**146.6**	**35.8**	**88.8**	**271.2**

Note:

* In 2012 dollars.

Table 19B.35 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the San Francisco under Alternative 5 Compared to the No Action Alternative

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	0	0	0.0	0.0	0.3	0.3	0.0	0.0	0.5	0.5
Mining & Logging	0	0	0	0	0.0	-0.1	0.1	0.0	0.0	-0.2	0.3	0.1
Construction	0	0	0	0	0.0	-10.5	1.5	-9.0	0.0	-17.4	2.4	-15.0
Manufacturing	0	0	0	0	0.0	-0.3	3.3	3.0	0.0	-3.2	30.9	27.8
Transportation, Warehousing & Utilities	-1	0	0	-1	-64.8	-0.4	4.2	-60.9	-163.1	-1.2	11.8	-152.5
Wholesale Trade	0	0	0	0	0.0	-0.2	10.3	10.1	0.0	-0.5	22.9	22.4
Retail Trade	0	0	0	0	0.0	-0.3	19.7	19.4	0.0	-0.5	36.4	35.9
Information	0	0	0	0	0.0	-0.5	5.9	5.4	0.0	-1.8	19.8	18.0
Financial Activities	0	0	0	0	0.0	-1.3	14.1	12.8	0.0	-6.1	112.3	106.2
Services	0	0	1	1	0.0	-9.2	85.2	75.9	0.0	-14.6	139.4	124.8
Government	0	0	0	0	0.0	0.0	2.0	1.9	0.0	-0.1	3.6	3.5
Total	**-1**	**0**	**2**	**1**	**-64.8**	**-22.8**	**146.5**	**58.9**	**-163.1**	**-45.5**	**380.3**	**171.7**

Note:

* In 2012 dollars.

Table 19B.36 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the Central Coast Region under Alternative 5 Compared to the No Action Alternative

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	0	0	0.0	0.0	0.2	0.1	0.0	0.0	0.3	0.2
Mining & Logging	0	0	0	0	0.0	-0.1	0.1	0.0	0.0	-0.4	0.6	0.2
Construction	0	0	0	0	0.0	-6.8	0.4	-6.5	0.0	-13.0	0.7	-12.3
Manufacturing	0	0	0	0	0.0	-0.1	0.2	0.1	0.0	-1.7	3.5	1.8
Transportation, Warehousing & Utilities	0	0	0	0	-23.9	-0.2	0.9	-23.2	-97.1	-1.1	3.9	-94.3
Wholesale Trade	0	0	0	0	0.0	-0.1	1.4	1.3	0.0	-0.3	4.0	3.7
Retail Trade	0	0	0	0	0.0	-0.2	4.2	4.0	0.0	-0.4	8.1	7.8
Information	0	0	0	0	0.0	-0.1	0.6	0.5	0.0	-0.8	2.7	1.9
Financial Activities	0	0	0	0	0.0	-0.8	2.0	1.3	0.0	-4.4	24.1	19.7
Services	0	0	0	0	0.0	-5.7	16.7	11.0	0.0	-10.7	30.7	19.9
Government	0	0	0	0	0.0	0.0	0.5	0.4	0.0	-0.1	0.9	0.8
Total	**0**	**0**	**1**	**0**	**-23.9**	**-14.3**	**27.1**	**-11.0**	**-97.1**	**-32.9**	**79.5**	**-50.5**

Note:

* In 2012 dollars.

Table 19B.37 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the Southern California Region under Alternative 5 Compared to the No Action Alternative

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	0	0	0.0	0.9	1.6	2.5	0.0	2.5	3.3	5.9
Mining & Logging	0	0	0	0	0.0	9.9	0.9	10.8	0.0	33.1	3.3	36.4
Construction	0	9	0	9	0.0	570.2	2.9	573.1	0.0	1,049.4	5.1	1,054.5
Manufacturing	0	0	0	1	0.0	36.5	10.4	46.9	0.0	292.8	80.2	373.0
Transportation, Warehousing & Utilities	35	0	0	36	2,594.1	33.2	12.3	2,639.6	8,804.2	119.3	37.0	8,960.5
Wholesale Trade	0	0	0	0	0.0	20.7	-0.1	20.6	0.0	55.5	-0.2	55.3
Retail Trade	0	0	1	2	0.0	18.1	50.3	68.4	0.0	34.4	99.3	133.7
Information	0	0	0	0	0.0	28.3	9.3	37.6	0.0	128.5	32.2	160.8
Financial Activities	0	2	1	2	0.0	115.6	43.4	158.9	0.0	509.8	257.7	767.4
Services	0	9	3	13	0.0	659.0	169.6	828.6	0.0	1,117.3	301.8	1,419.1
Government	0	0	0	0	0.0	3.5	4.5	8.0	0.0	6.0	7.6	13.6
Total	**35**	**22**	**6**	**63**	**2,594.1**	**1,495.7**	**305.1**	**4,394.9**	**8,804.2**	**3,348.6**	**827.3**	**12,980.1**

Note:

* In 2012 dollars.

Table 19B.38 Changes in Agricultural-Related Regional Economic Impacts for the Sacramento Valley under Alternative 5 as Compared to the Second Basis of Comparison in Dry and Critical Dry Years

	Employment				Labor Income ($ millions)*				Economic Output ($ millions)*			
Economic Sectors	**Direct**	**Indirect**	**Induced**	**Total**	**Direct**	**Indirect**	**Induced**	**Total**	**Direct**	**Indirect**	**Induced**	**Total**
Agriculture	-84	-20	0	-104	-2.3	-0.8	0.0	-3.1	-10.5	-1.2	0.0	-11.8
Mining & Logging	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction	0	-1	0	-1	0.0	-0.1	0.0	-0.1	0.0	-0.1	0.0	-0.1
Manufacturing	0	0	0	0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
Transportation, Warehousing & Utilities	0	-1	0	-2	0.0	-0.1	0.0	-0.1	0.0	-0.3	-0.1	-0.5
Wholesale Trade	0	-1	0	-1	0.0	-0.1	0.0	-0.1	0.0	-0.2	-0.1	-0.3
Retail Trade	0	0	-3	-4	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.3	-0.3
Information	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
Financial Activities	0	-7	-2	-8	0.0	-0.2	-0.1	-0.3	0.0	-1.6	-0.7	-2.3
Services	0	-3	-10	-13	0.0	-0.1	-0.5	-0.6	0.0	-0.3	-0.9	-1.1
Government	0	0	0	0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
Total	**-84**	**-34**	**-17**	**-135**	**-2.3**	**-1.4**	**-0.8**	**-4.5**	**-10.5**	**-4.0**	**-2.2**	**-16.8**

Note:
* In 2012 dollars.

Table 19B.39 Changes in Agricultural-Related Regional Economic Impacts for the San Joaquin Valley under Alternative 5 as Compared to the Second Basis of Comparison in Dry and Critical Dry Years

Economic Sectors	Employment				Labor Income ($ millions)*				Economic Output ($ millions)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	-145	-61	0	-206	-6.5	-2.2	0.0	-8.7	-22.9	-2.7	-0.1	-25.7
Mining & Logging	0	-1	0	-1	0.0	-0.1	0.0	-0.1	0.0	-0.3	0.0	-0.4
Construction	0	-2	0	-2	0.0	-0.1	0.0	-0.1	0.0	-0.2	0.0	-0.2
Manufacturing	0	-1	-1	-2	0.0	-0.1	0.0	-0.1	0.0	-2.0	-0.4	-2.4
Transportation, Warehousing & Utilities	0	-3	-1	-4	0.0	-0.2	-0.1	-0.3	0.0	-0.9	-0.3	-1.2
Wholesale Trade	0	-2	-1	-3	0.0	-0.1	-0.1	-0.2	0.0	-0.4	-0.2	-0.6
Retail Trade	0	0	-9	-9	0.0	0.0	-0.4	-0.4	0.0	0.0	-0.7	-0.8
Information	0	0	0	-1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.2
Financial Activities	0	-13	-4	-16	0.0	-0.3	-0.1	-0.4	0.0	-2.8	-1.8	-4.6
Services	0	-6	-25	-31	0.0	-0.3	-1.1	-1.4	0.0	-0.6	-2.1	-2.7
Government	0	-1	0	-1	0.0	-0.1	0.0	-0.1	0.0	-0.2	-0.1	-0.3
Total	**-145**	**-90**	**-42**	**-277**	**-6.5**	**-3.6**	**-1.9**	**-12.0**	**-22.9**	**-10.2**	**-5.9**	**-39.0**

Note:
* In 2012 dollars.

Table 19B.40 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the Sacramento Valley under Alternative 5 as Compared to the Second Basis of Comparison

	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
Economic Sectors	**Direct**	**Indirect**	**Induced**	**Total**	**Direct**	**Indirect**	**Induced**	**Total**	**Direct**	**Indirect**	**Induced**	**Total**
Agriculture	0	0	0	0	0.0	0.0	0.8	0.7	0.0	-0.1	1.7	1.6
Mining & Logging	0	0	0	0	0.0	-0.1	0.1	-0.1	0.0	-0.4	0.3	-0.1
Construction	0	0	0	0	0.0	-16.1	1.5	-14.7	0.0	-29.9	2.6	-27.3
Manufacturing	0	0	0	0	0.0	-0.4	2.4	2.0	0.0	-3.2	22.7	19.5
Transportation, Warehousing & Utilities	-1	0	0	-1	-70.3	-0.8	5.6	-65.4	-295.2	-2.9	18.4	-279.6
Wholesale Trade	0	0	0	0	0.0	-0.4	9.7	9.3	0.0	-1.0	27.8	26.8
Retail Trade	0	0	1	1	0.0	-0.5	23.9	23.4	0.0	-0.9	47.7	46.8
Information	0	0	0	0	0.0	-0.5	3.5	3.0	0.0	-3.5	21.1	17.6
Financial Activities	0	0	0	0	0.0	-2.3	17.3	15.0	0.0	-13.4	151.3	137.9
Services	0	0	2	1	0.0	-17.3	88.9	71.5	0.0	-31.8	158.5	126.8
Government	0	0	0	0	0.0	-0.1	2.0	1.9	0.0	-0.2	3.9	3.8
Total	**-1**	**-1**	**3**	**1**	**-70.3**	**-38.6**	**155.6**	**46.7**	**-295.2**	**-87.3**	**456.1**	**73.6**

Note:

* In 2012 dollars.

Table 19B.41 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the San Joaquin Valley under Alternative 5 Compared to the Second Basis of Comparison

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	0	0	0.0	0.0	2.4	2.5	0.0	0.1	7.4	7.5
Mining & Logging	0	0	0	0	0.0	0.3	2.3	2.5	0.0	0.8	7.1	7.8
Construction	0	0	0	0	0.0	14.4	3.4	17.8	0.0	27.2	6.1	33.4
Manufacturing	0	0	0	0	0.0	0.2	4.2	4.4	0.0	2.8	51.3	54.1
Transportation, Warehousing & Utilities	1	0	0	1	81.4	0.7	13.0	95.1	287.4	2.8	49.4	339.5
Wholesale Trade	0	0	0	0	0.0	0.2	14.6	14.8	0.0	0.7	42.9	43.6
Retail Trade	0	0	1	1	0.0	0.4	53.6	54.0	0.0	0.8	107.9	108.7
Information	0	0	0	0	0.0	0.3	5.4	5.7	0.0	2.0	29.8	31.8
Financial Activities	0	0	1	1	0.0	1.3	19.7	20.9	0.0	8.9	291.4	300.3
Services	0	0	4	4	0.0	12.5	171.8	184.3	0.0	23.9	323.4	347.2
Government	0	0	0	0	0.0	0.1	6.9	7.0	0.0	0.2	14.2	14.5
Total	**1**	**1**	**6**	**8**	**81.4**	**30.5**	**297.2**	**409.2**	**287.4**	**70.1**	**930.8**	**1,288.4**

Note:

* In 2012 dollars.

Table 19B.42 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the San Francisco under Alternative 5 Compared to the Second Basis of Comparison

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	0	0	0.0	0.0	4.3	4.3	0.0	-0.1	8.4	8.3
Mining & Logging	0	0	0	0	0.0	-0.8	1.9	1.1	0.0	-1.7	5.3	3.5
Construction	0	-1	0	-1	0.0	-106.6	24.3	-82.3	0.0	-176.1	39.5	-136.6
Manufacturing	0	0	1	0	0.0	-3.4	55.2	51.8	0.0	-32.0	509.0	477.0
Transportation, Warehousing & Utilities	-6	0	1	-5	-656.9	-3.7	69.2	-591.5	-1,654.5	-12.4	195.3	-1,471.6
Wholesale Trade	0	0	2	1	0.0	-2.5	168.2	165.7	0.0	-5.5	373.6	368.1
Retail Trade	0	0	7	7	0.0	-2.5	326.2	323.7	0.0	-4.7	603.7	599.0
Information	0	0	1	1	0.0	-4.9	97.6	92.7	0.0	-18.6	326.5	307.9
Financial Activities	0	0	5	5	0.0	-13.2	232.9	219.7	0.0	-61.9	1,853.1	1,791.2
Services	0	-1	22	20	0.0	-93.5	1,406.9	1,313.4	0.0	-148.2	2,302.6	2,154.4
Government	0	0	0	0	0.0	-0.4	32.4	32.0	0.0	-0.7	58.7	57.9
Total	**-6**	**-3**	**37**	**29**	**-656.9**	**-231.6**	**2,419.1**	**1,530.6**	**-1,654.5**	**-462.0**	**6,275.6**	**4,159.1**

Note:

* In 2012 dollars.

Table 19B.43 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the Central Coast Region under Alternative 5 Compared to the Second Basis of Comparison

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	0	0	0.0	-0.2	2.4	2.2	0.0	-0.6	4.3	3.7
Mining & Logging	0	0	0	0	0.0	-1.9	2.3	0.3	0.0	-6.8	9.9	3.1
Construction	0	-2	0	-2	0.0	-113.0	5.8	-107.2	0.0	-214.8	10.4	-204.4
Manufacturing	0	0	0	0	0.0	-1.7	2.8	1.1	0.0	-28.6	55.4	26.8
Transportation, Warehousing & Utilities	-7	0	0	-7	-394.8	-4.0	14.3	-384.5	-1,606.9	-18.1	60.1	-1,565.0
Wholesale Trade	0	0	0	0	0.0	-1.8	21.6	19.8	0.0	-5.1	62.7	57.5
Retail Trade	0	0	1	1	0.0	-3.4	65.2	61.8	0.0	-6.5	126.7	120.2
Information	0	0	0	0	0.0	-2.5	9.6	7.2	0.0	-12.8	41.7	29.0
Financial Activities	0	0	1	1	0.0	-12.6	31.8	19.3	0.0	-73.3	376.2	303.0
Services	0	-2	5	3	0.0	-94.5	260.1	165.5	0.0	-177.8	478.2	300.4
Government	0	0	0	0	0.0	-0.5	7.1	6.6	0.0	-1.0	14.1	13.1
Total	**-7**	**-4**	**9**	**-2**	**-394.8**	**-236.2**	**423.1**	**-207.9**	**-1,606.9**	**-545.3**	**1,239.6**	**-912.6**

Note:

* In 2012 dollars.

Table 19B.44 Changes in Municipal and Industrial Water Supply-related Regional Economic Impacts for the Southern California Region under Alternative 5 Compared to the Second Basis of Comparison

Economic Sectors	Employment				Labor Income ($ thousands)*				Economic Output ($ thousands)*			
	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total	Direct	Indirect	Induced	Total
Agriculture	0	0	2	1	0.0	-3.6	128.5	124.9	0.0	-10.0	276.1	266.1
Mining & Logging	0	0	1	1	0.0	-39.2	99.6	60.3	0.0	-131.1	372.3	241.2
Construction	0	-35	3	-32	0.0	-2,258.1	224.9	-2,033.2	0.0	-4,156.1	400.7	-3,755.4
Manufacturing	0	-2	10	9	0.0	-144.4	813.8	669.4	0.0	-1,159.8	6,894.7	5,734.9
Transportation, Warehousing & Utilities	-140	-2	12	-130	-10,274.1	-131.4	833.0	-9,572.5	-34,869.2	-472.7	2,639.9	-32,702.0
Wholesale Trade	0	-1	20	19	0.0	-82.0	1,618.8	1,536.8	0.0	-219.8	4,338.8	4,119.1
Retail Trade	0	-2	59	58	0.0	-71.5	2,638.7	2,567.2	0.0	-136.2	5,205.5	5,069.3
Information	0	-1	7	6	0.0	-112.0	761.6	649.7	0.0	-509.0	2,994.4	2,485.4
Financial Activities	0	-7	52	45	0.0	-457.7	2,896.9	2,439.2	0.0	-2,019.0	18,055.5	16,036.5
Services	0	-37	215	178	0.0	-2,610.1	11,630.4	9,020.3	0.0	-4,424.9	20,732.4	16,307.5
Government	0	0	3	3	0.0	-13.7	310.6	296.9	0.0	-23.8	594.9	571.1
Total	**-140**	**-86**	**384**	**158**	**-10,274.1**	**-5,923.8**	**21,956.8**	**5,758.9**	**-34,869.2**	**-13,262.4**	**62,505.2**	**14,373.6**

Note:
* In 2012 dollars.