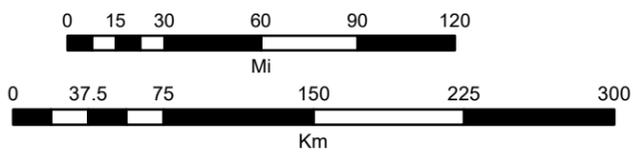
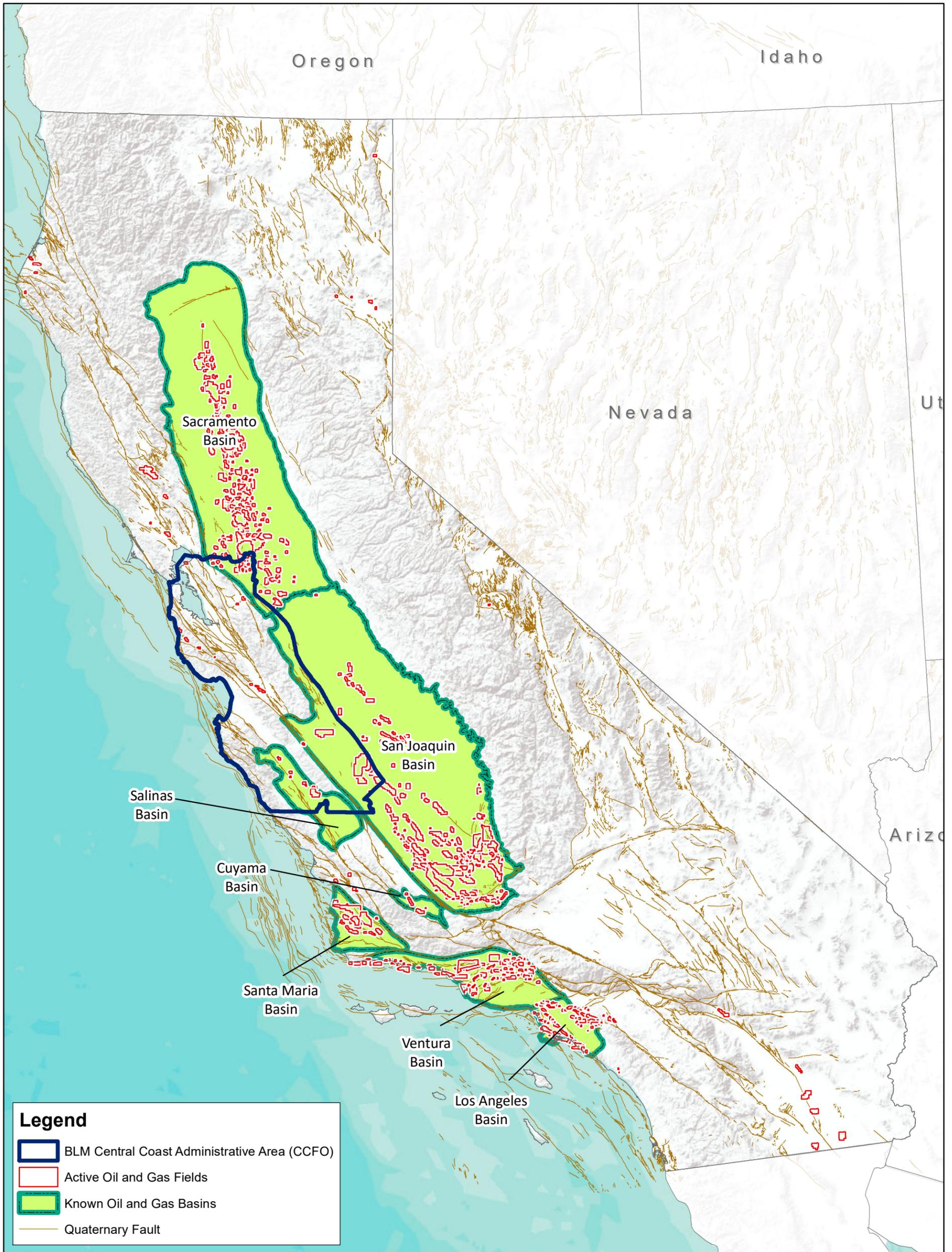


BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Figure 1-1
Federal Mineral Estate within the BLM Central Coast Field Office Administrative Area
Date: July 2018



Map Reference:
UTM Zone 10 NAD83
Scale 1:1,000,000

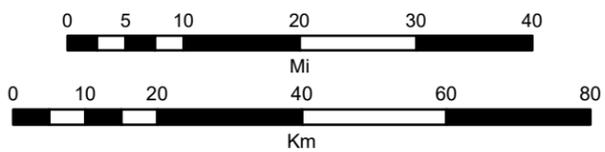
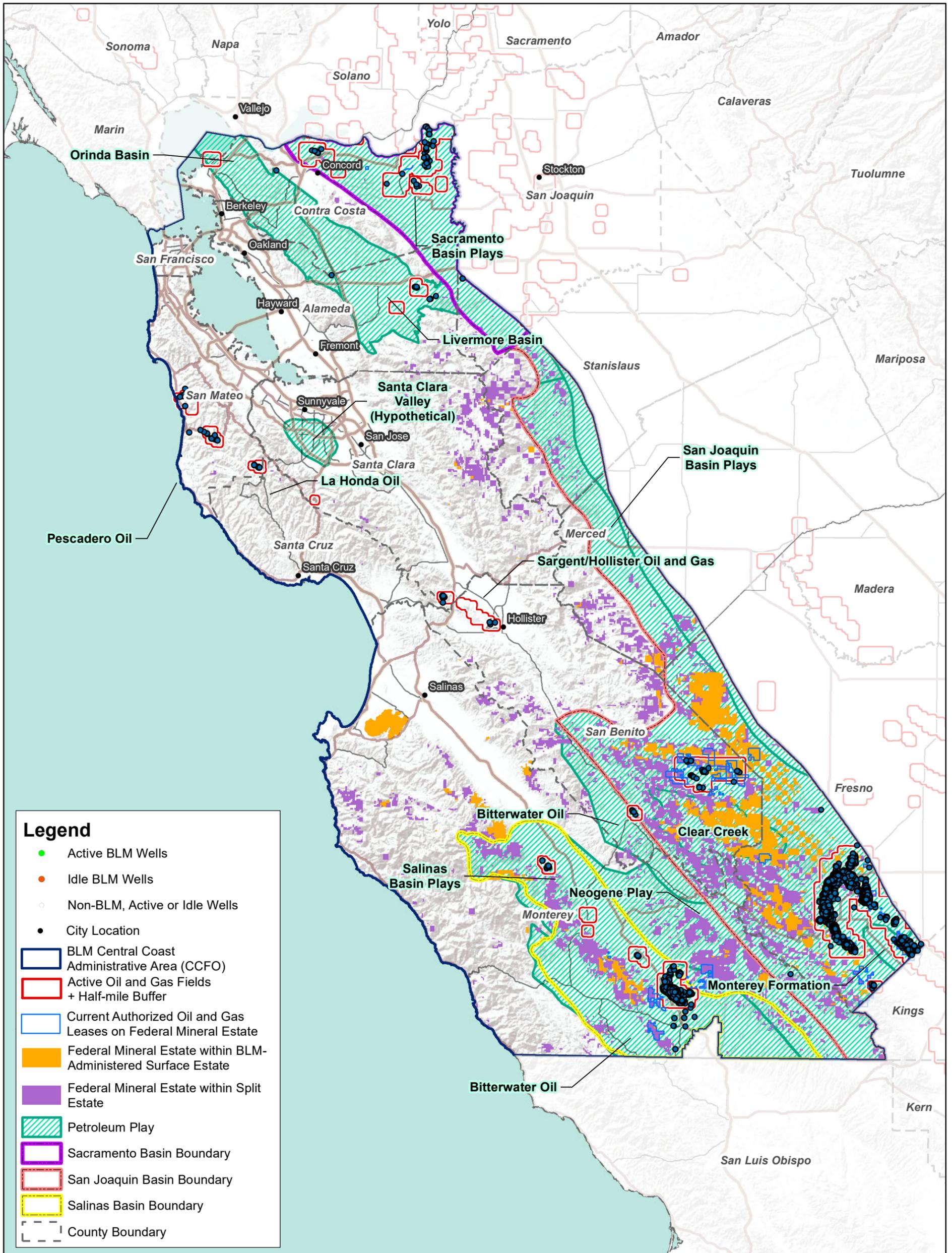


BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Figure 1-2

**Major Sedimentary Basins and
Faults in California**

Date: December 2016



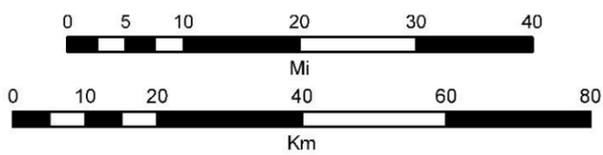
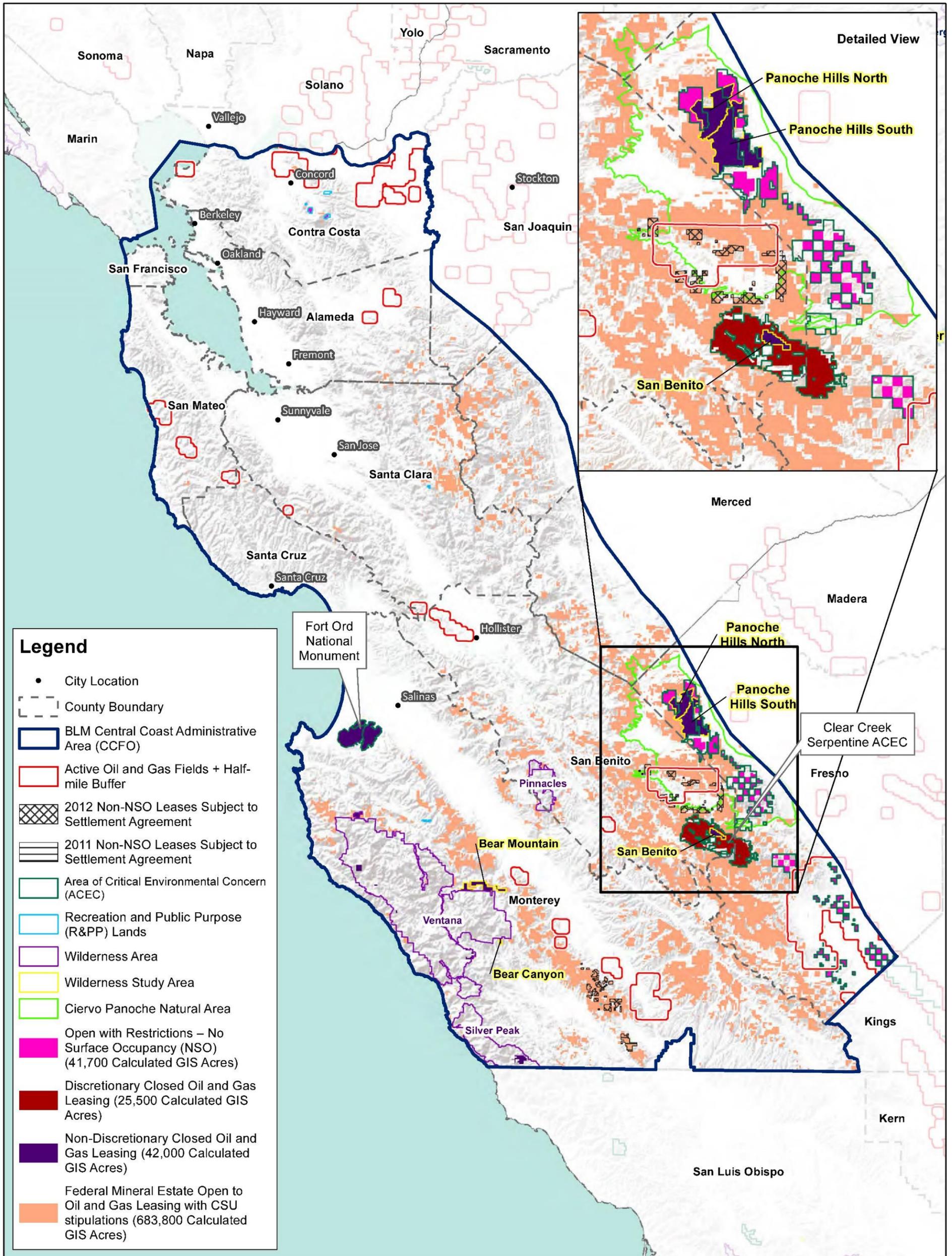
Map Reference:
UTM Zone 10 NAD83
Scale 1:1,000,000



BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Figure 1-3
Plays and Active Oil and Gas Wells within the BLM Central Coast Field Office Administrative Area

Date: July 2018



Source: BLM, 2015

Map Reference:
UTM Zone 10 NAD83

Scale 1:1,000,000

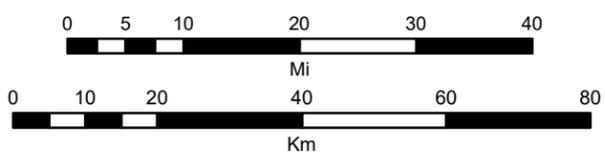
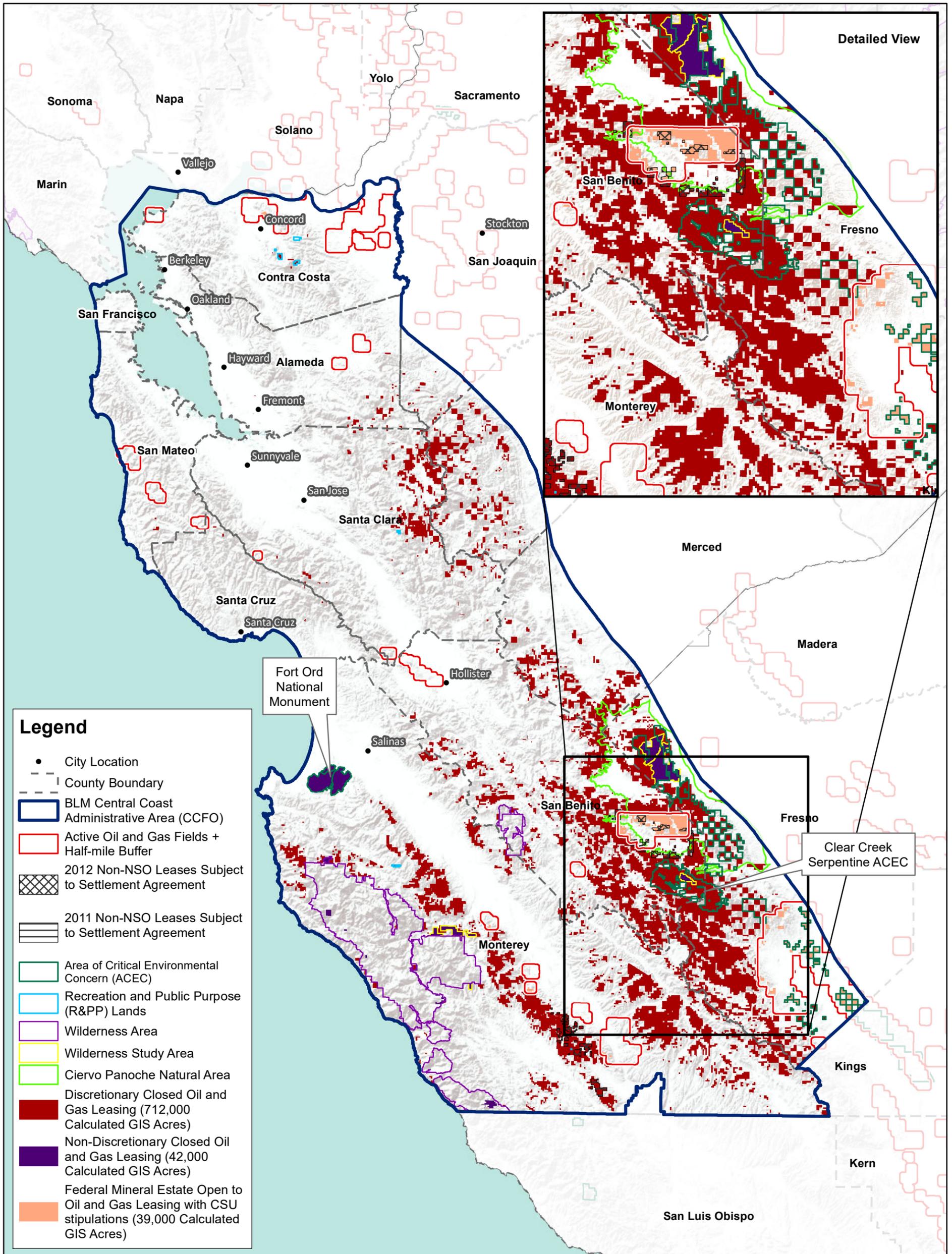


BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Figure 2-1

**Alternative A
(No Action Alternative)**

Date: December 2016



Source: BLM, 2015

Map Reference:
UTM Zone 10 NAD83

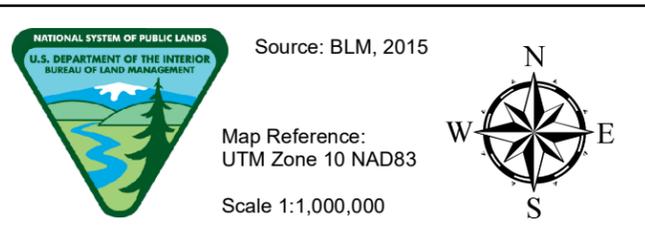
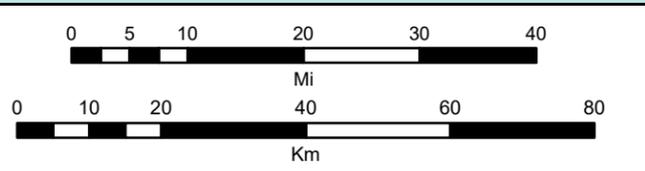
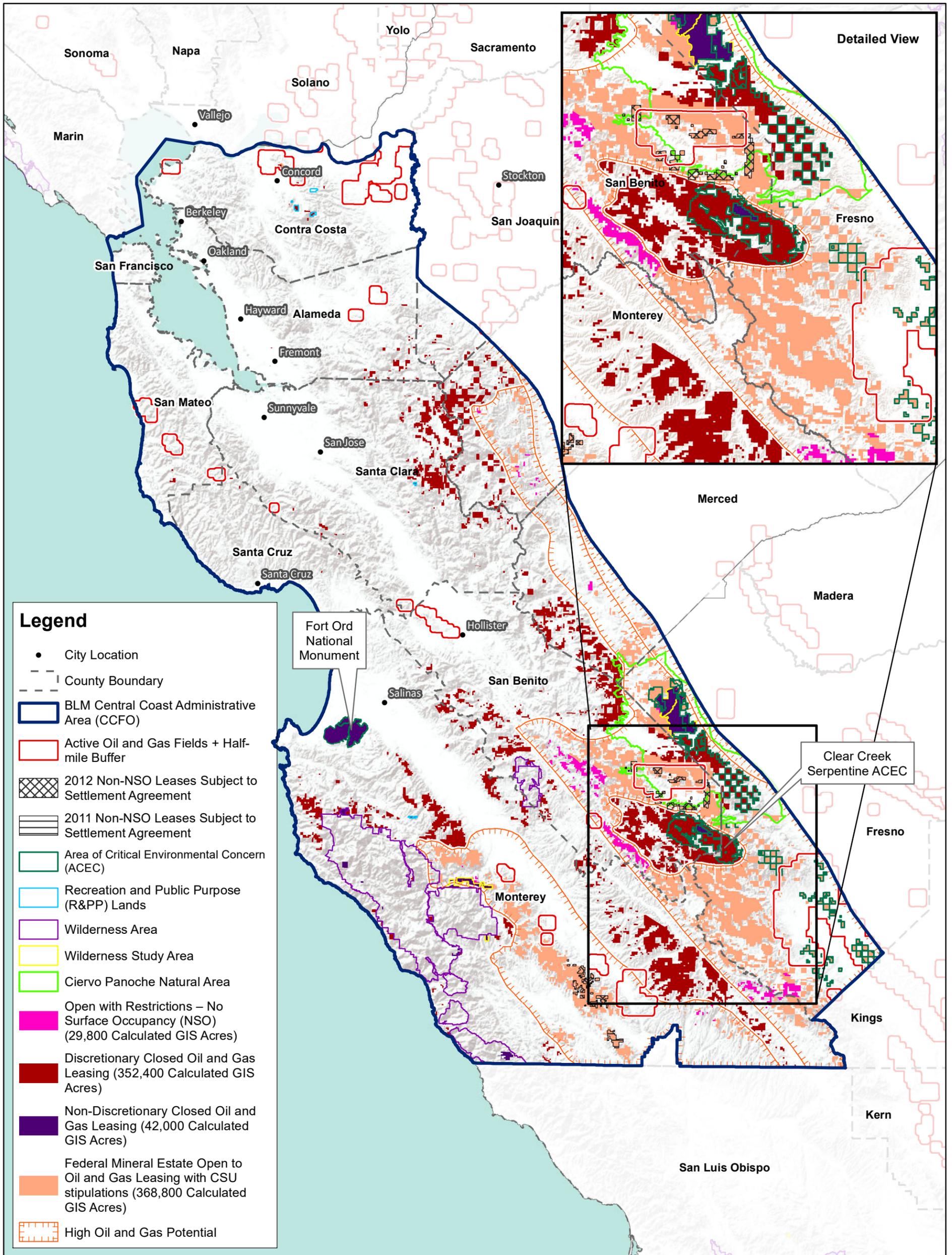
Scale 1:1,000,000



BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Figure 2-2
Alternative B

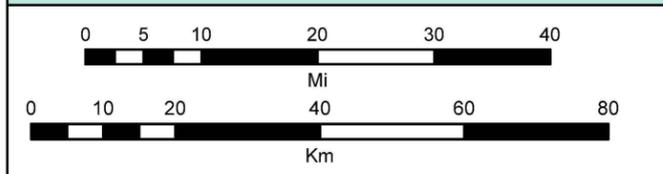
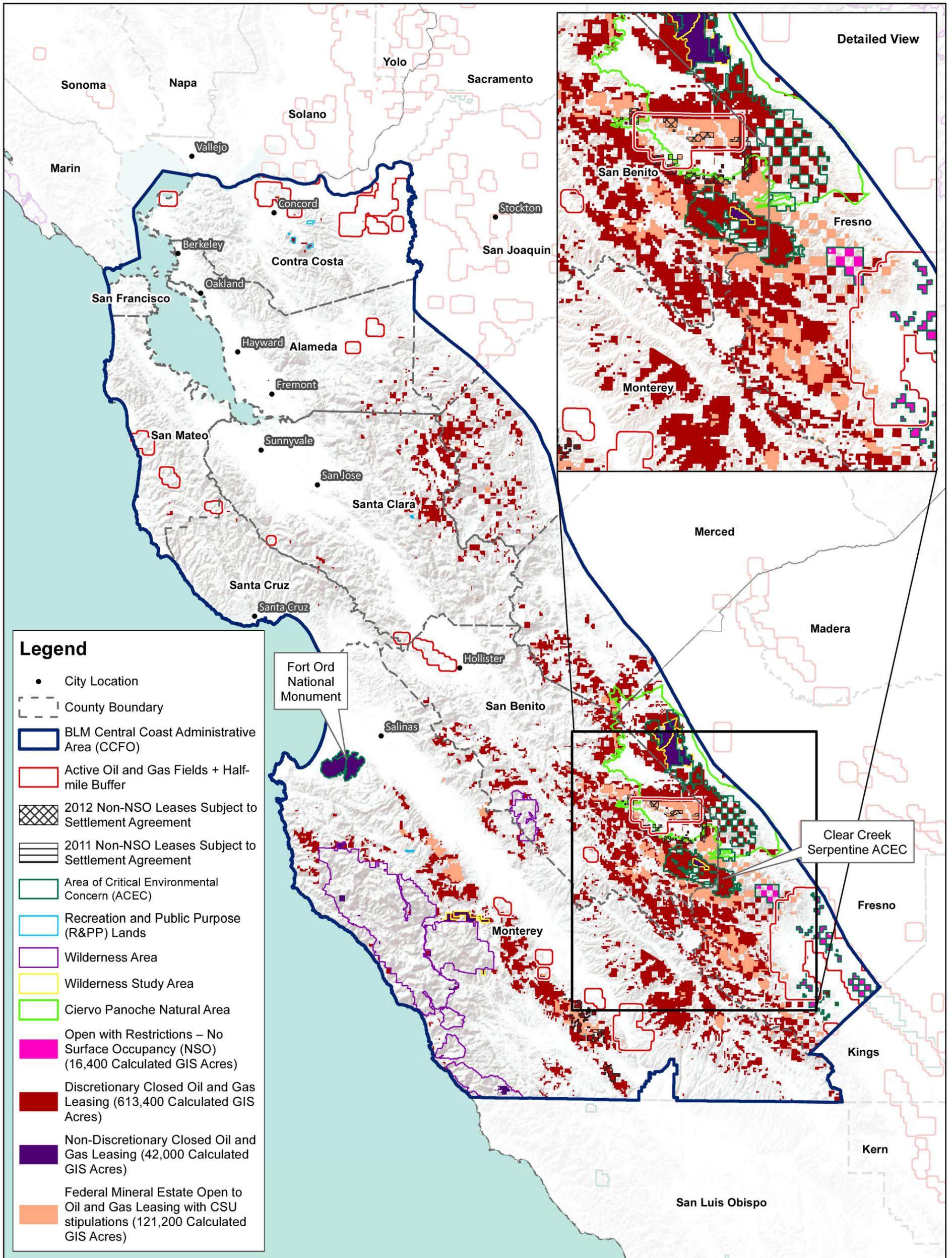
Date: December 2016



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CENTRAL COAST FIELD OFFICE

Figure 2-3
Alternative C

Date: July 2018



NATIONAL SYSTEM OF PUBLIC LANDS
U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Source: BLM, 2015

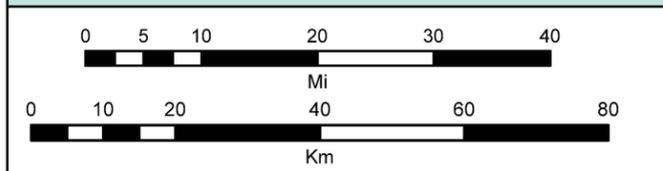
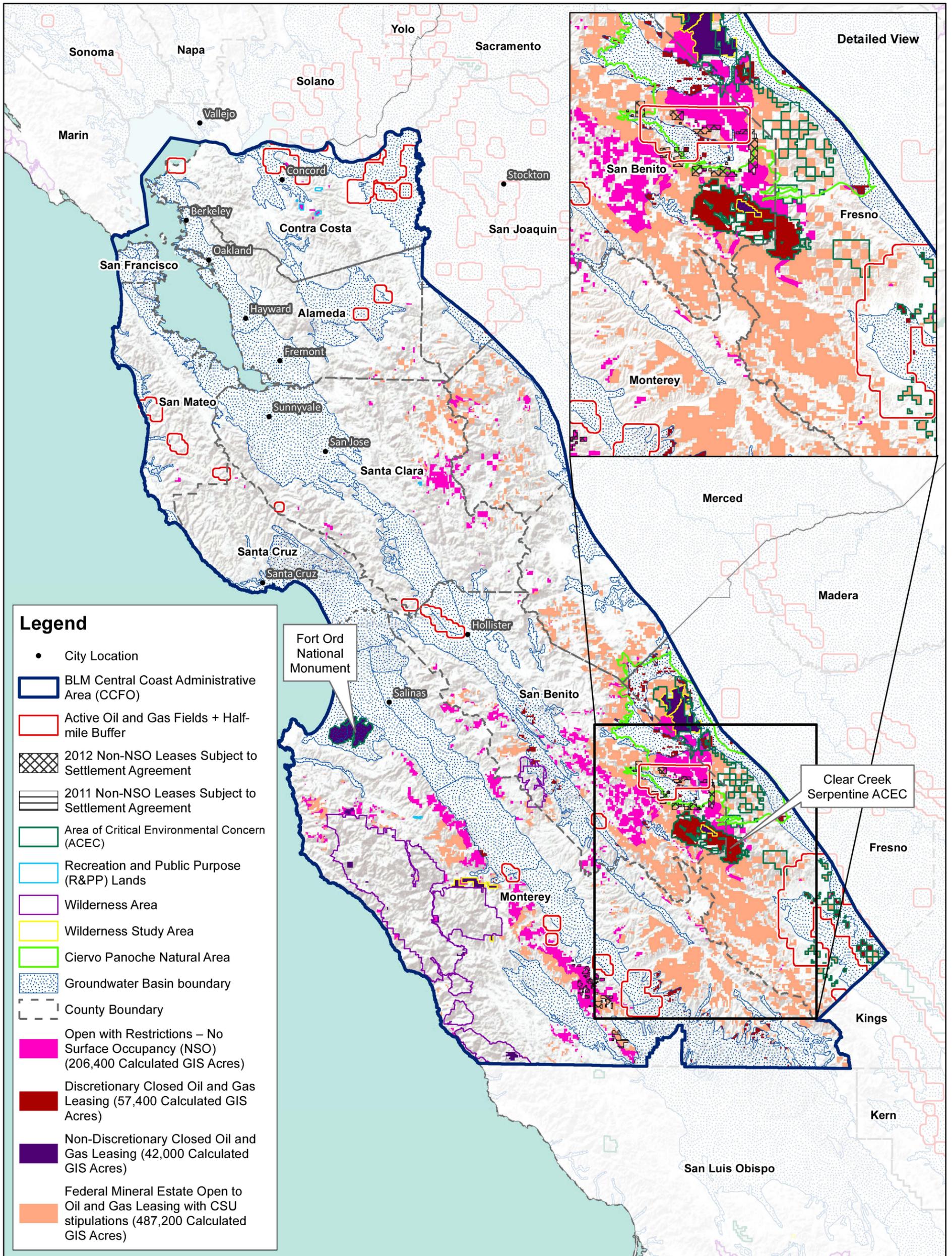
Map Reference:
UTM Zone 10 NAD83

Scale 1:1,000,000

BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Figure 2-4
Alternative D

Date: May 2018



BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Figure 2-5
Alternative E



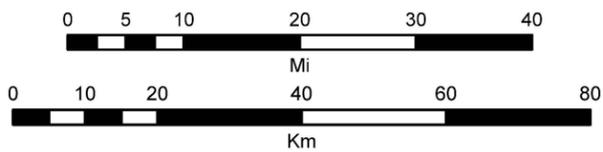
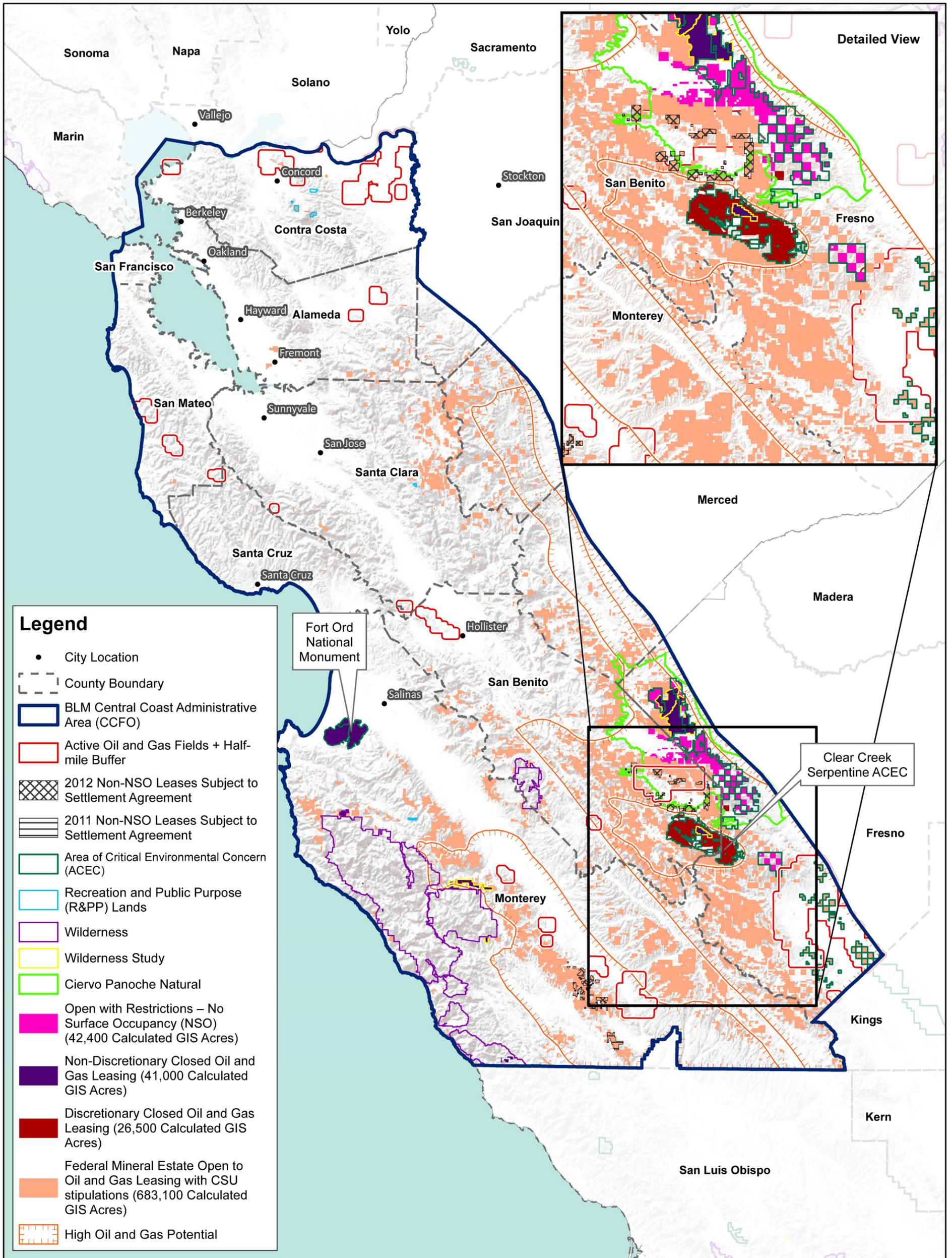
Source: BLM, 2015

Map Reference:
UTM Zone 10 NAD83

Scale 1:1,000,000



Date: May 2018



Source: BLM, 2015

Map Reference:
UTM Zone 10 NAD83

Scale 1:1,000,000

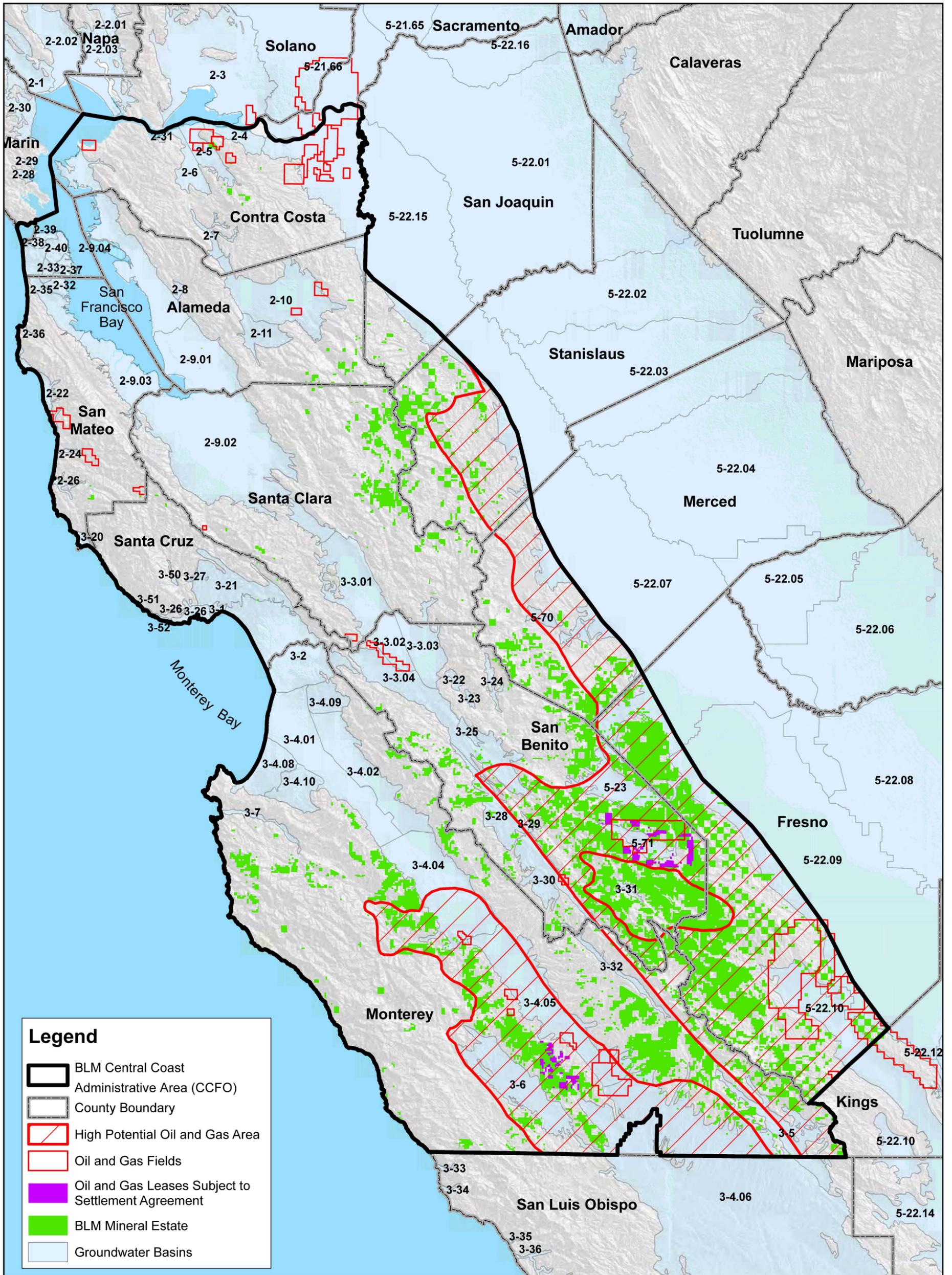


BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Figure 2-6

Alternative F

Date: February 2019



BUREAU OF LAND MANAGEMENT
 CENTRAL COAST FIELD OFFICE

Figure 3.7-1
CCFO Planning Area and
Groundwater Basins

Date: December 2016

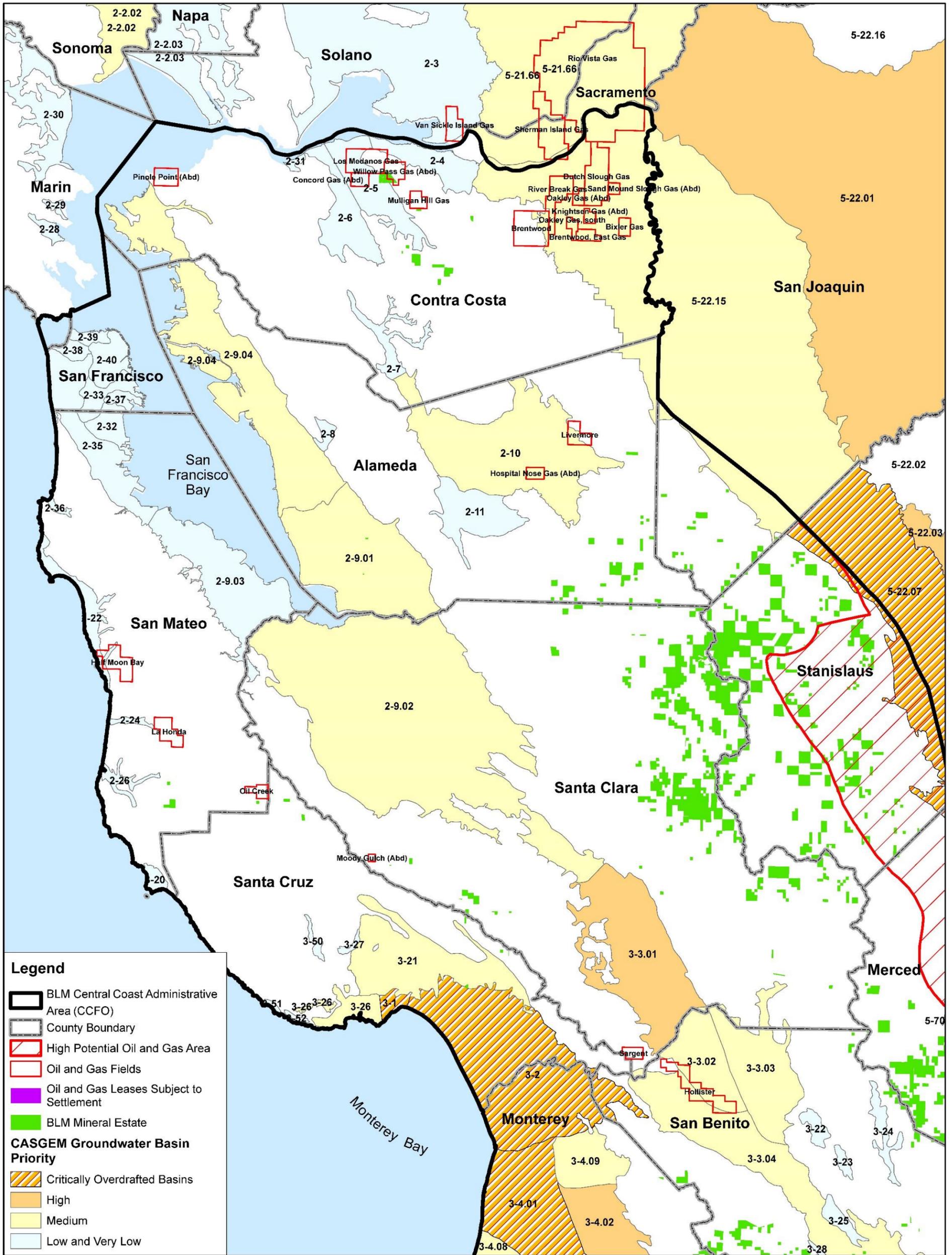


Source: BLM, 2015

Map Reference:
 UTM Zone 10 NAD83

Scale 1:887,000





Legend

- BLM Central Coast Administrative Area (CCFO)
- County Boundary
- High Potential Oil and Gas Area
- Oil and Gas Fields
- Oil and Gas Leases Subject to Settlement
- BLM Mineral Estate

CASGEM Groundwater Basin Priority

- Critically Overdrafted Basins
- High
- Medium
- Low and Very Low

0 2.5 5 10 15 20
Mi

Source: BLM, 2015

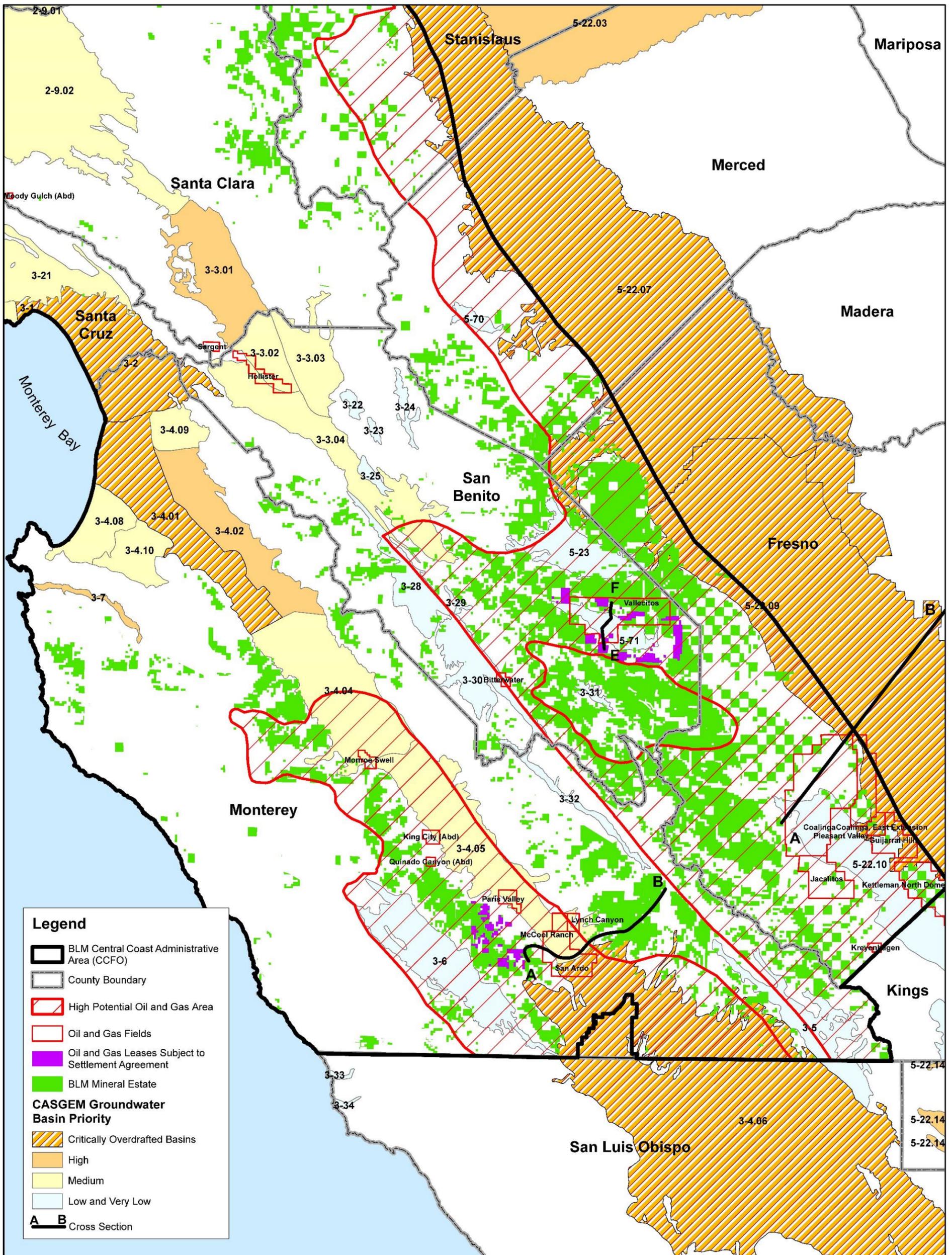
Map Reference:
UTM Zone 10 NAD83

Scale 1:500,000

BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Figure 3.7-2
Northern CCFO Planning Area and Priority Groundwater Basins

Date: December 2016



BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Figure 3.7-3
Southern CCFO Planning Area
and Priority Groundwater Basins

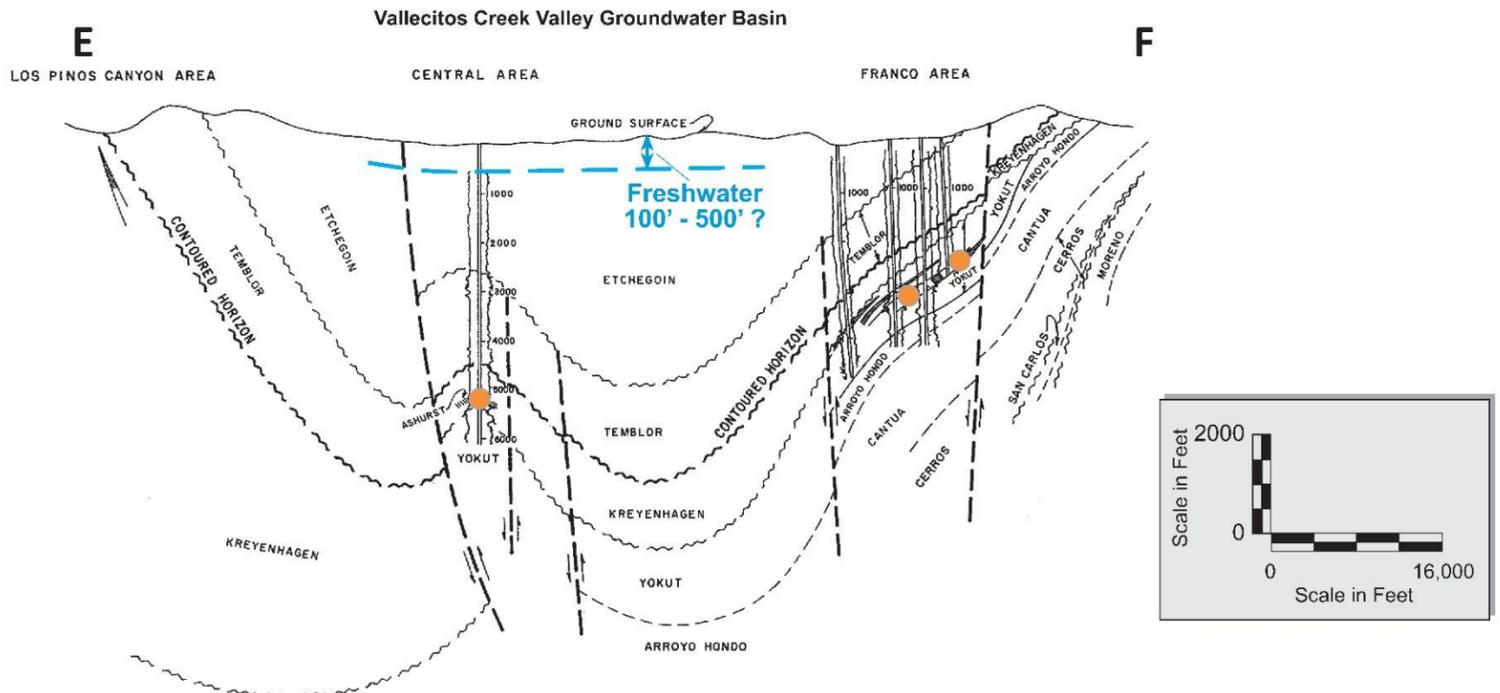
Date: December 2016



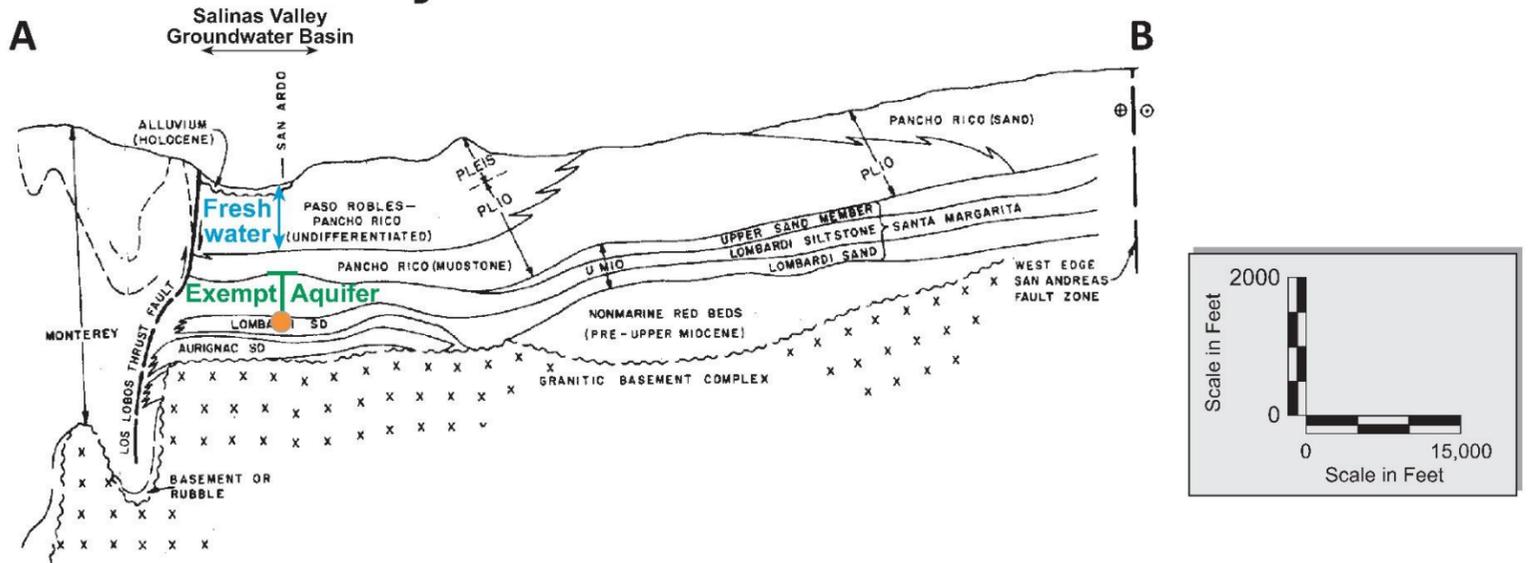
Source: BLM, 2015
Map Reference:
UTM Zone 10 NAD83
Scale 1:650,000



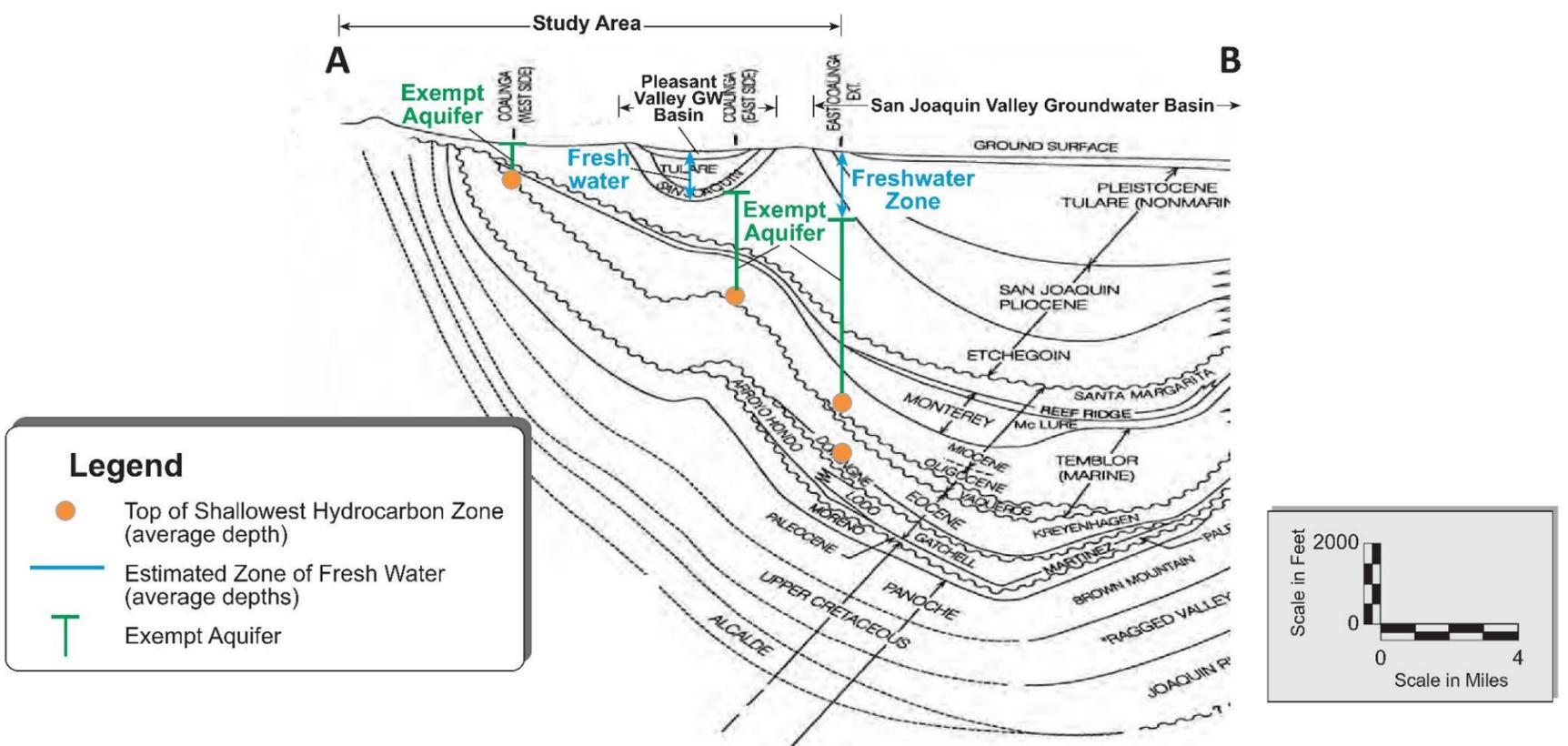
Vallecitos Oil Field - Southeastern CCFO Area



Salinas Valley - Southwestern CCFO Area



West Side San Joaquin Valley - Southeastern CCFO Area



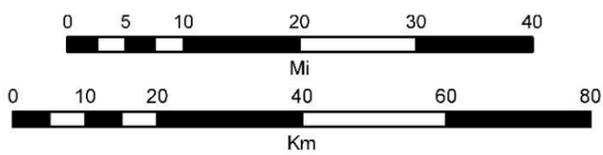
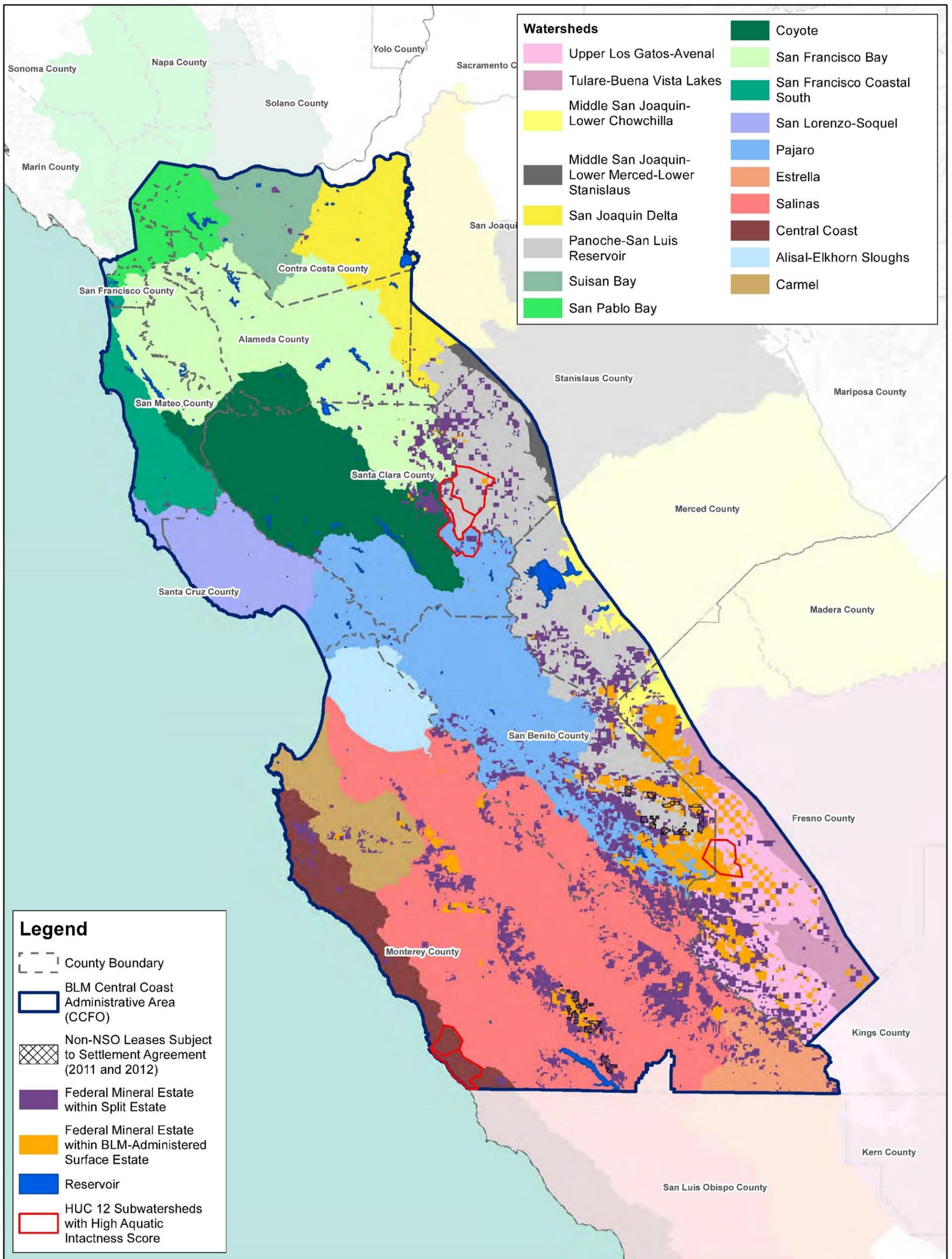
BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Figure 3.7-4

Example Geologic Cross
Sections, Southern
CCFO Planning Area

Date: December 2016





Source: BLM, 2015

Map Reference:
UTM Zone 10 NAD83

Scale 1:1,000,000

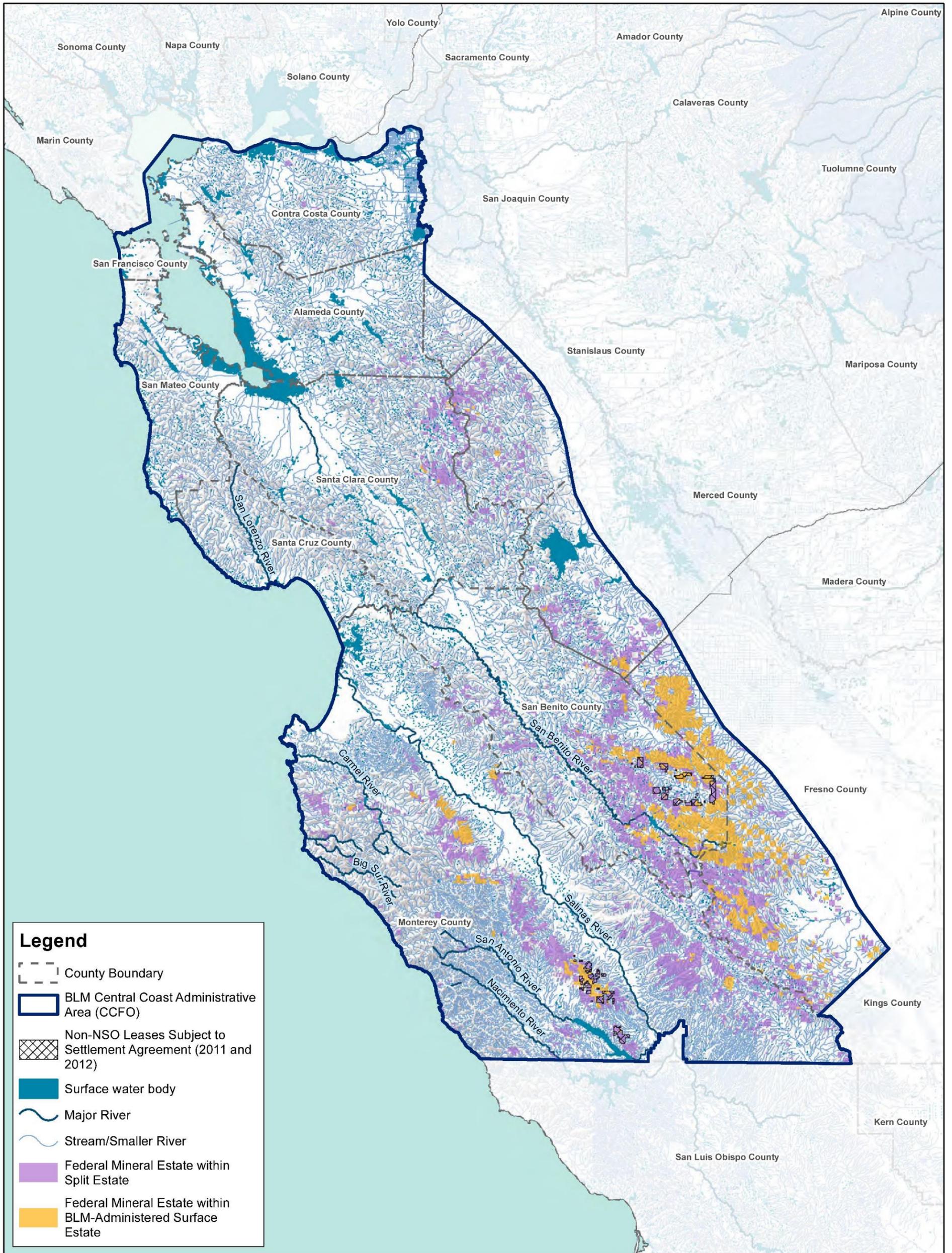


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CENTRAL COAST FIELD OFFICE

Figure 3.8-1

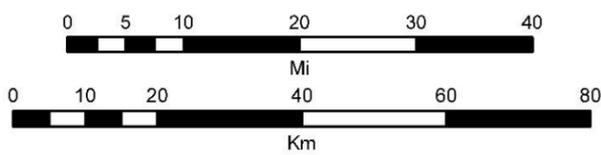
Watersheds and Reservoirs

Date: December 2016



BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Figure 3.8-2
Surface Waters



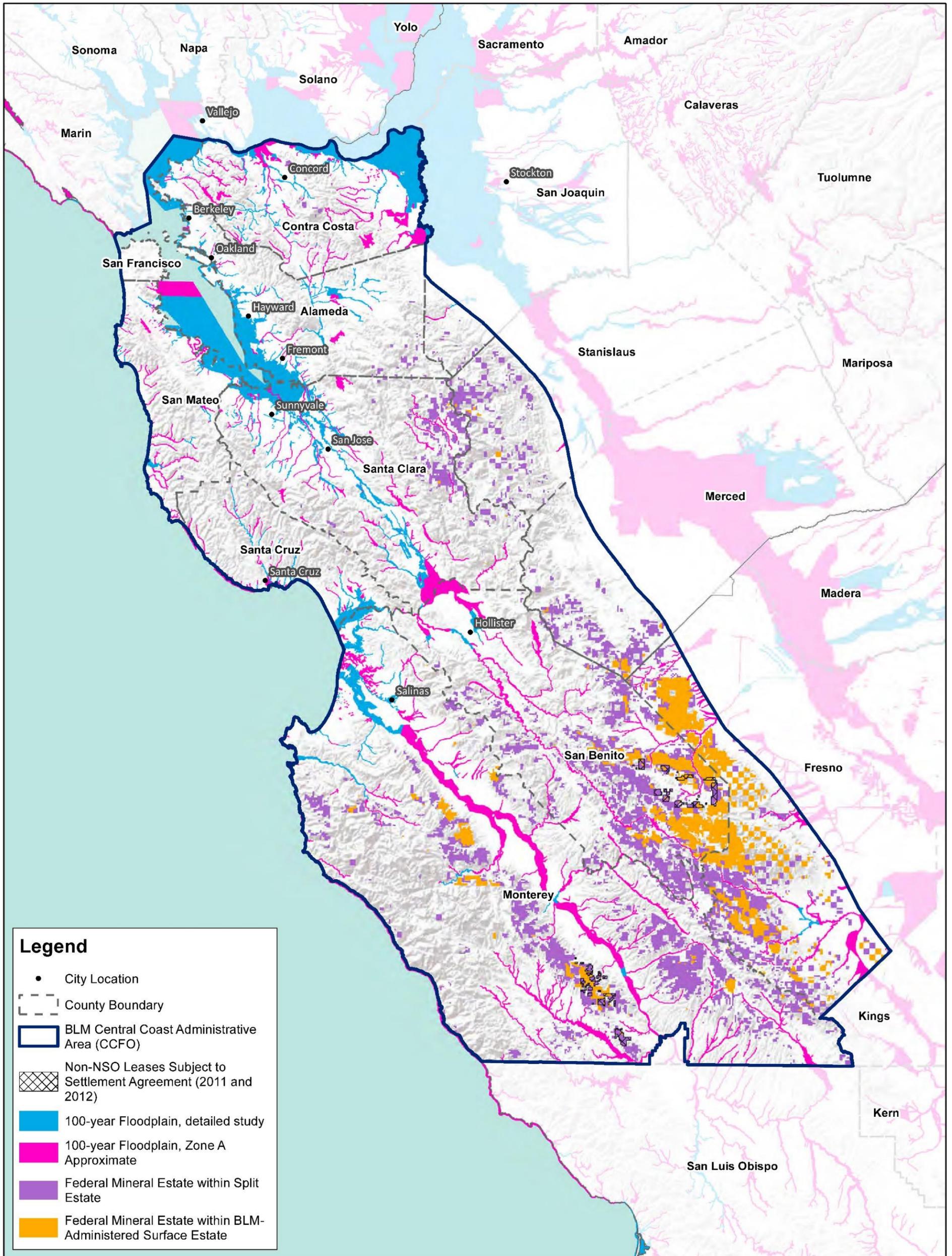
Source: BLM, 2015

Map Reference:
UTM Zone 10 NAD83

Scale 1:1,000,000

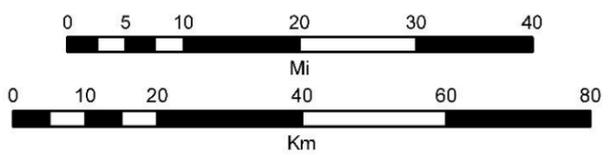


Date: December 2016



Legend

- City Location
- - - County Boundary
- ▭ BLM Central Coast Administrative Area (CCFO)
- ▨ Non-NSO Leases Subject to Settlement Agreement (2011 and 2012)
- 100-year Floodplain, detailed study
- 100-year Floodplain, Zone A Approximate
- Federal Mineral Estate within Split Estate
- Federal Mineral Estate within BLM-Administered Surface Estate



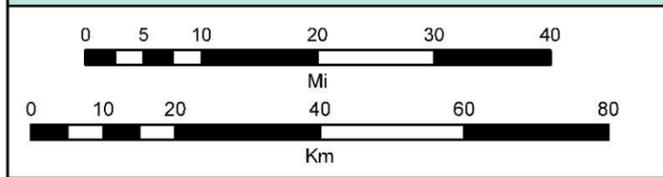
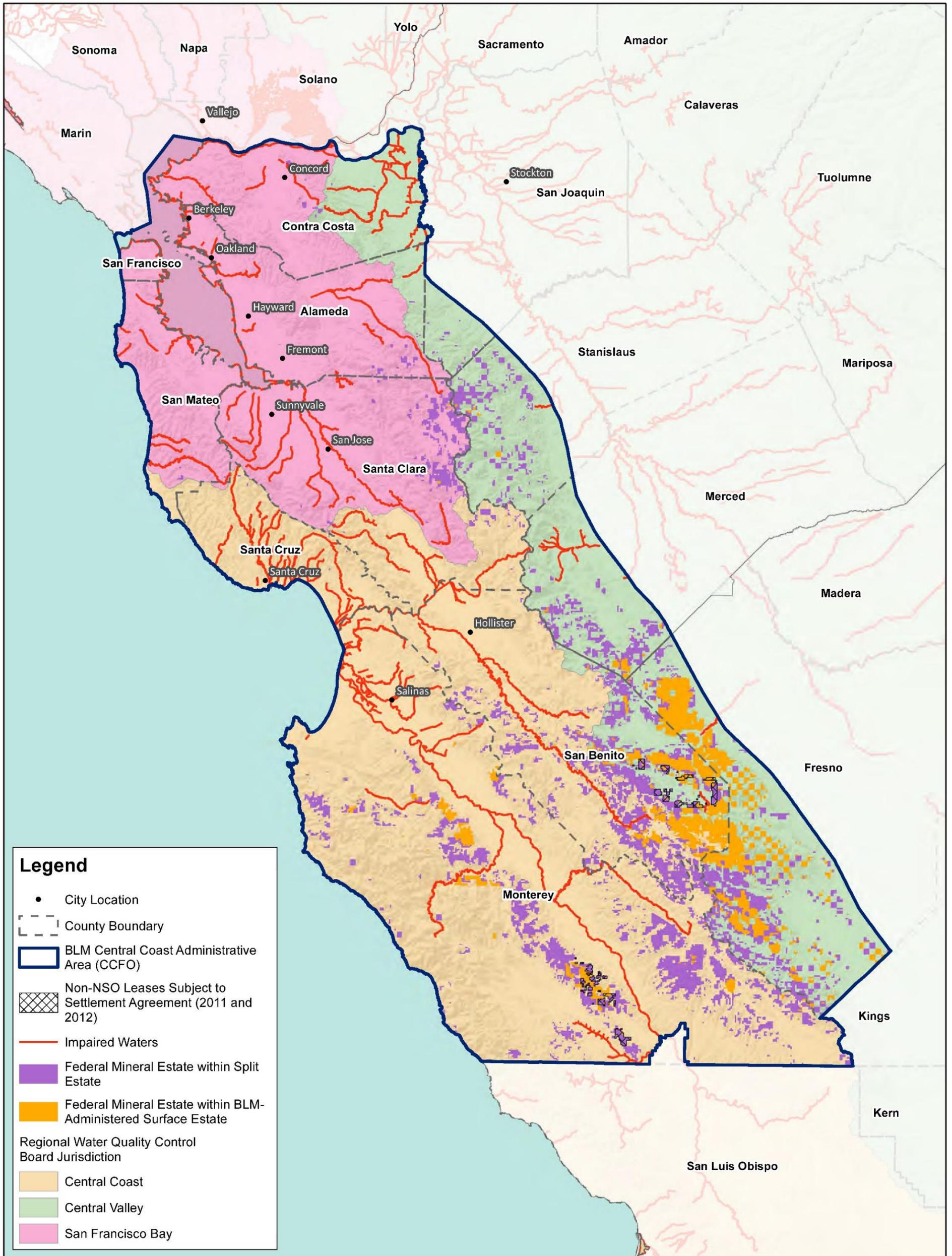
Source: BLM, 2015
 Map Reference:
 UTM Zone 10 NAD83
 Scale 1:1,000,000



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 CENTRAL COAST FIELD OFFICE

Figure 3.8-3
Floodplains

Date: December 2016



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U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Source: BLM, 2015

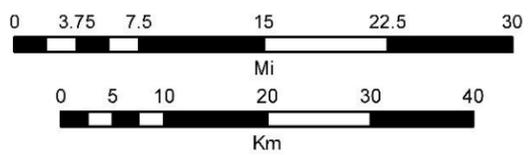
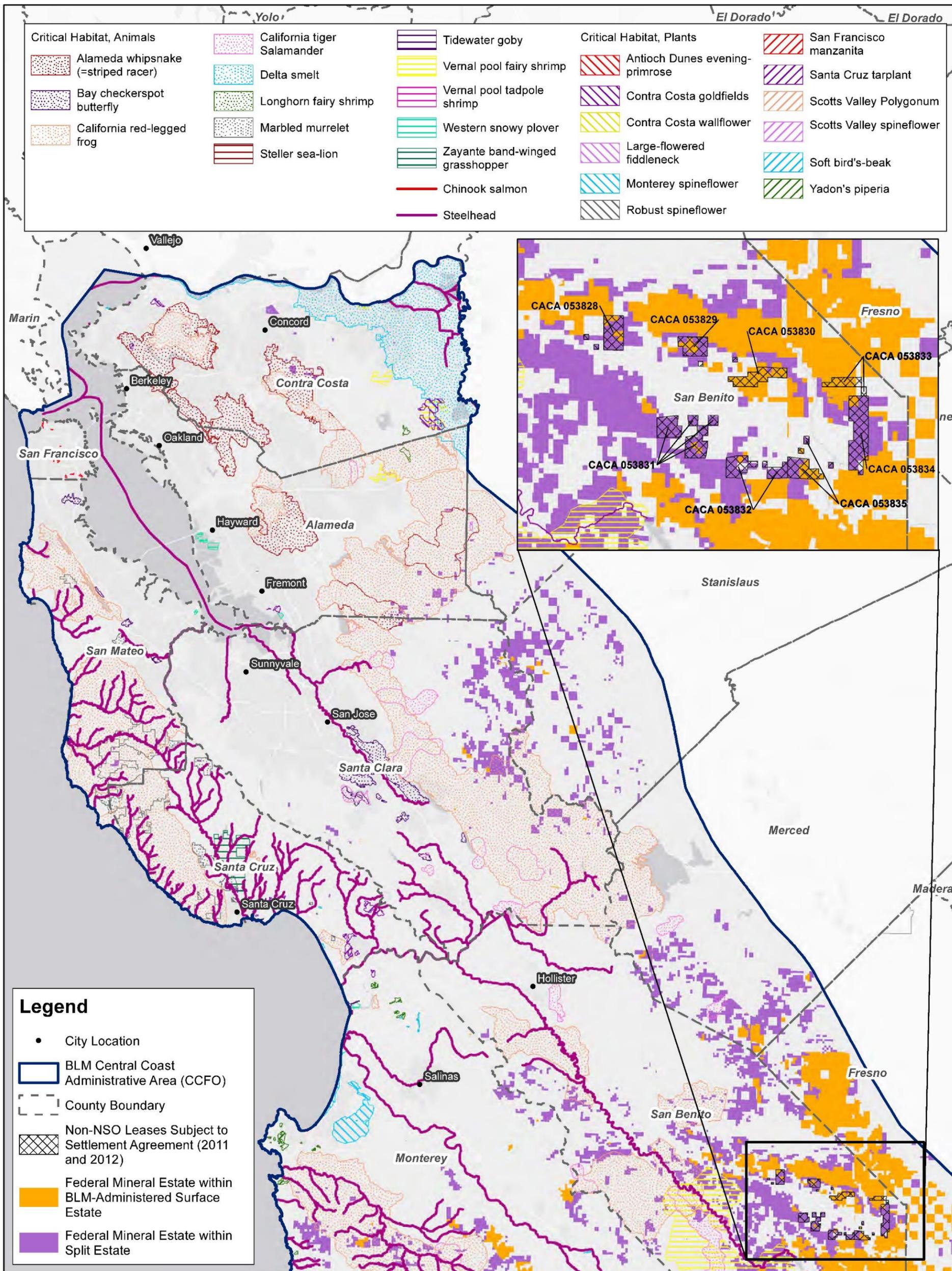
Map Reference:
UTM Zone 10 NAD83

Scale 1:1,000,000

BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Figure 3.8-4
Impaired Waters

Date: December 2016



BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Figure 3.12-1a

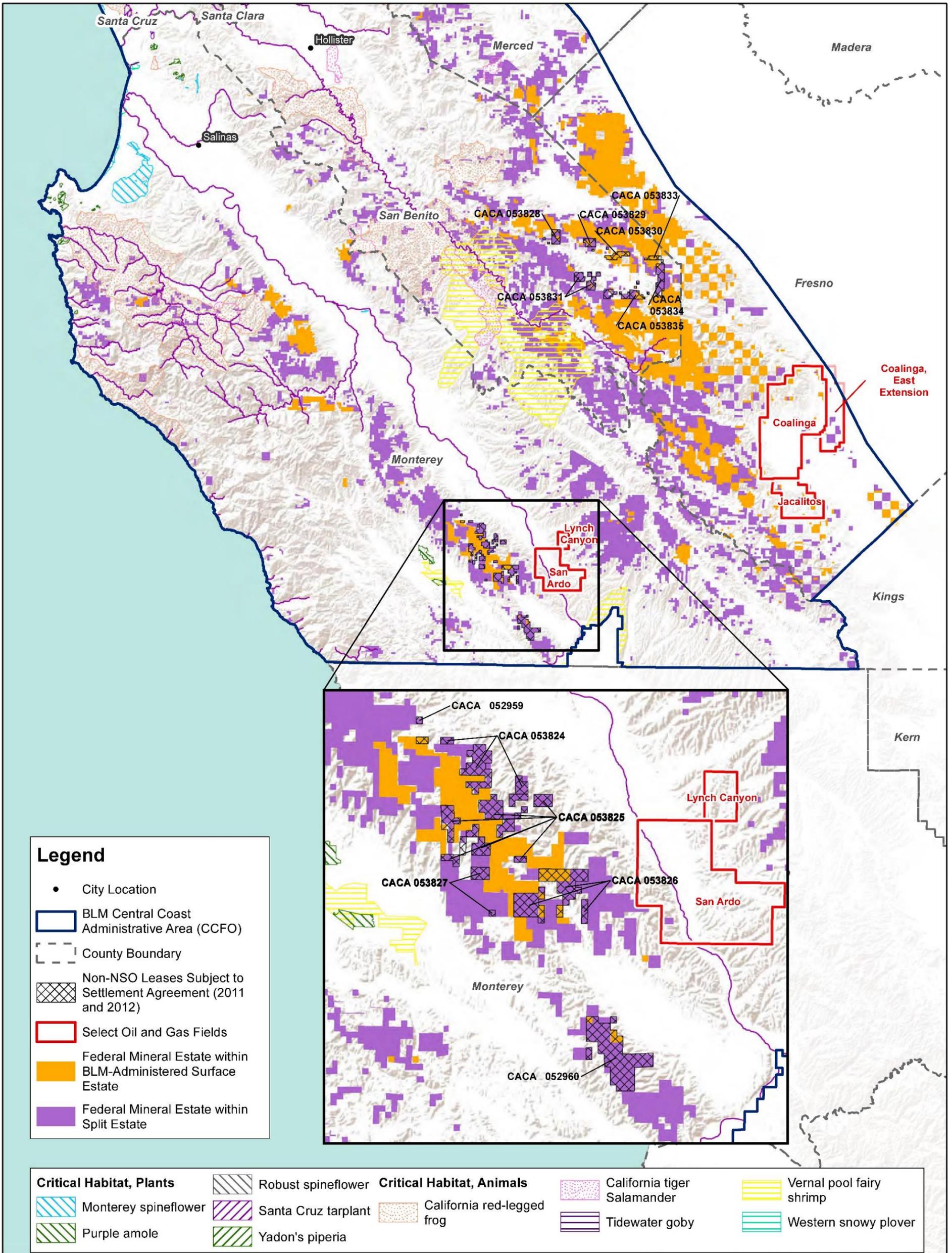
Designated Critical Habitat
Northern Section



Map Reference:
UTM Zone 10 NAD83
Scale 1:700,000



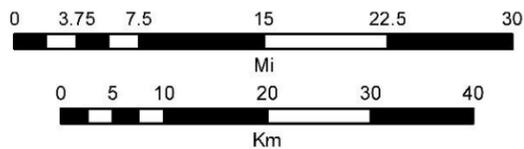
Date: December 2016



Legend

- City Location
- BLM Central Coast Administrative Area (CCFO)
- County Boundary
- Non-NSO Leases Subject to Settlement Agreement (2011 and 2012)
- Select Oil and Gas Fields
- Federal Mineral Estate within BLM-Administered Surface Estate
- Federal Mineral Estate within Split Estate

Critical Habitat, Plants	Robust spineflower	Critical Habitat, Animals	California tiger Salamander	Vernal pool fairy shrimp
Monterey spineflower	Santa Cruz tarplant	California red-legged frog	Tidewater goby	Western snowy plover
Purple amole	Yadon's piperia			



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CENTRAL COAST FIELD OFFICE

Figure 3.12-1b

Designated Critical Habitat Southern Section

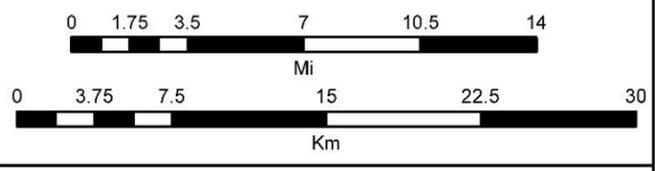
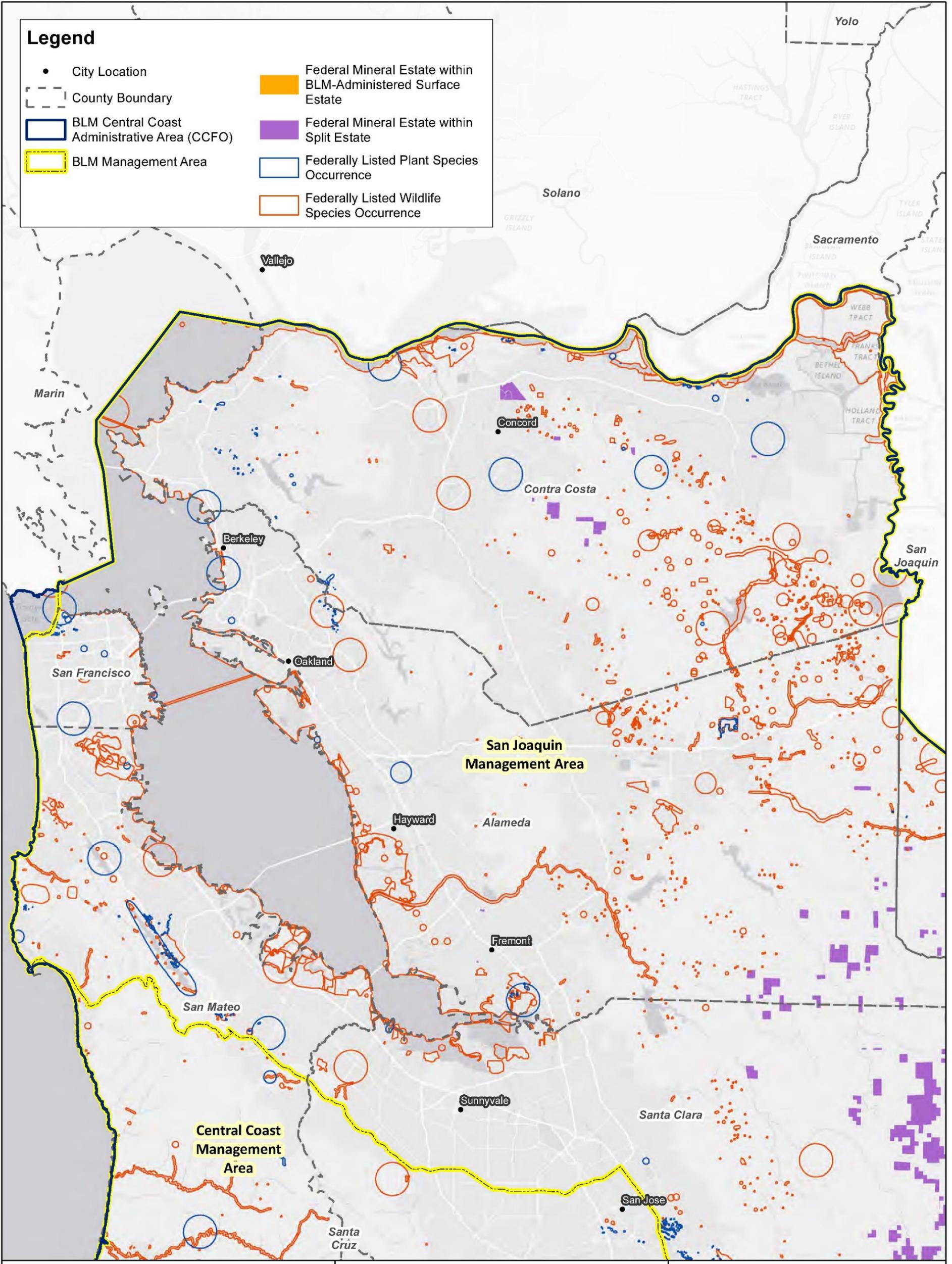


Map Reference:
UTM Zone 10 NAD83
Scale 1:700,000



Legend

- City Location
- County Boundary
- ▭ BLM Central Coast Administrative Area (CCFO)
- ▭ BLM Management Area
- ▭ Federal Mineral Estate within BLM-Administered Surface Estate
- ▭ Federal Mineral Estate within Split Estate
- ▭ Federally Listed Plant Species Occurrence
- ▭ Federally Listed Wildlife Species Occurrence




Map Reference:
UTM Zone 10 NAD83
Scale 1:350,000

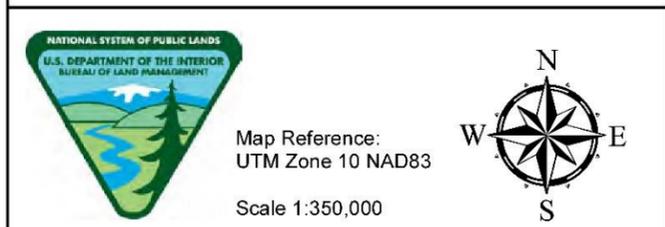
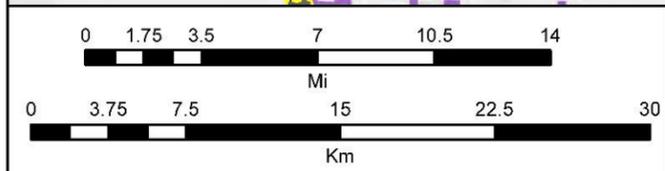
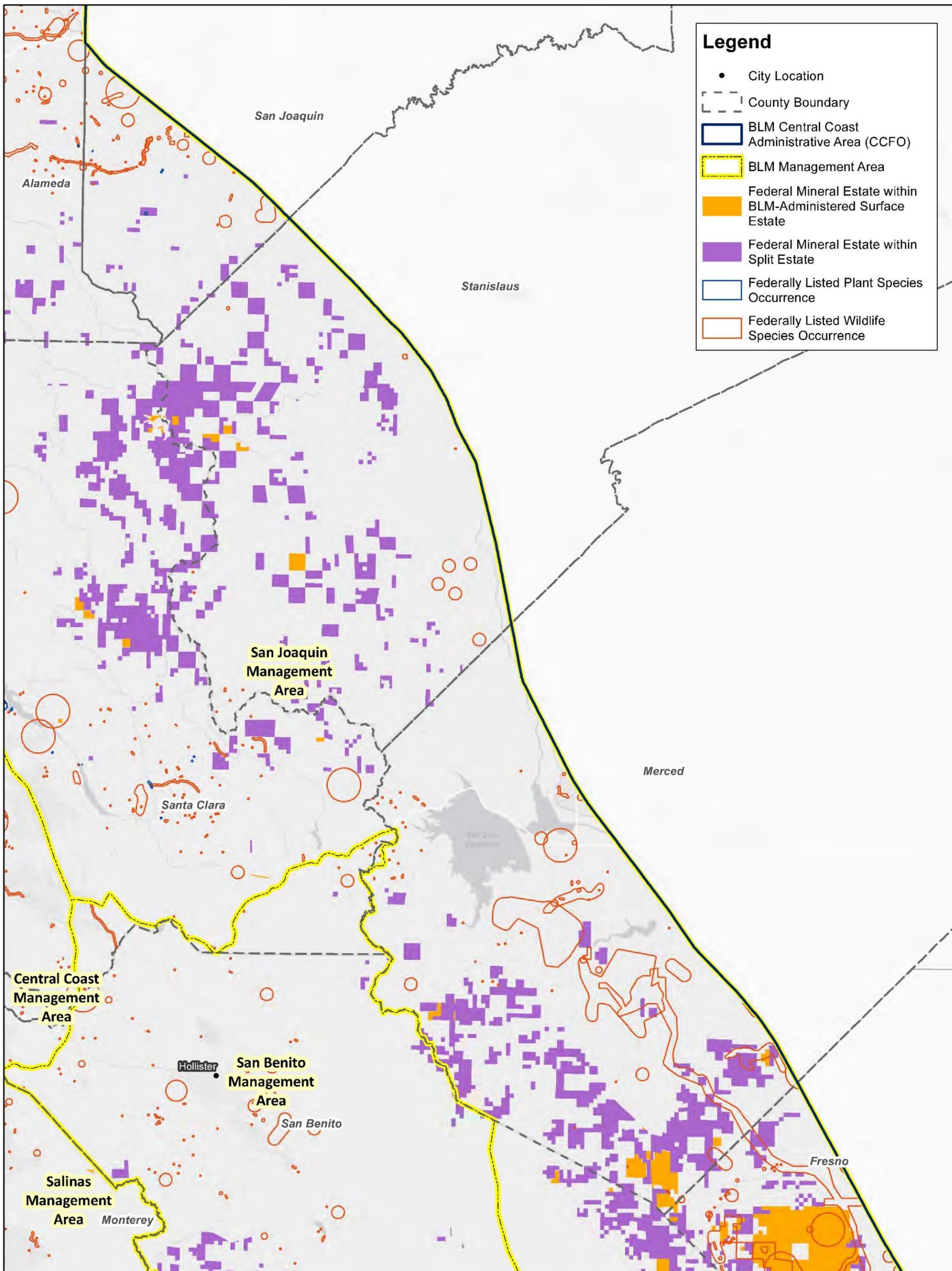


BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Please refer to Table 3.12-2 for list of species found in each Management Area.

Figure 3.12-2a
Federally Listed Species Occurrences
Page 1

Date: December 2016

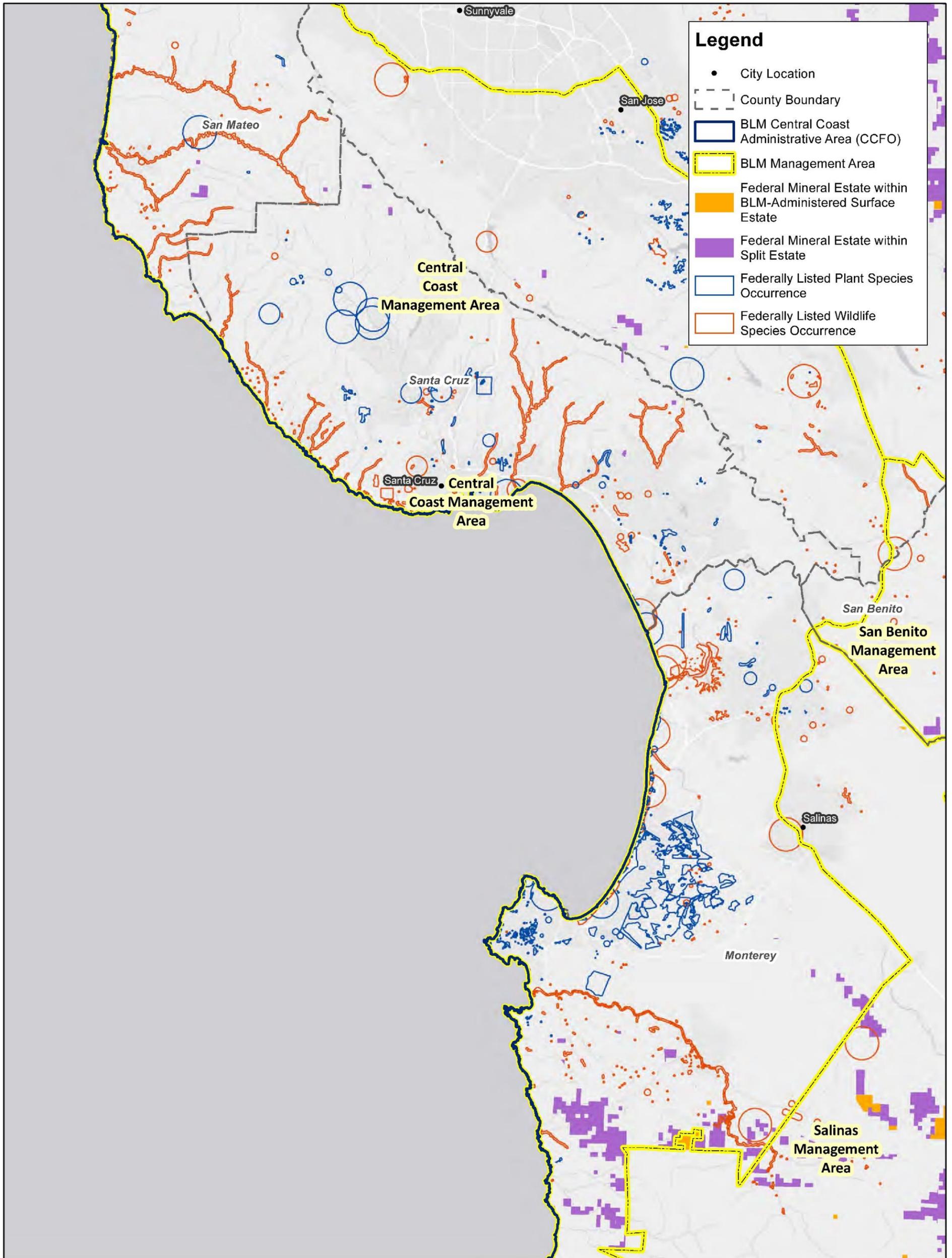


BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Please refer to Table 3.12-2 for list of species found in each Management Area.

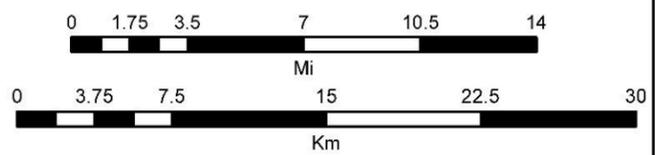
Figure 3.12-2b
Federally Listed
Species Occurrences
Page 2

Date: December 2016



Legend

- City Location
- - - County Boundary
- ▭ BLM Central Coast Administrative Area (CCFO)
- ▭ BLM Management Area
- ▭ Federal Mineral Estate within BLM-Administered Surface Estate
- ▭ Federal Mineral Estate within Split Estate
- Federally Listed Plant Species Occurrence
- Federally Listed Wildlife Species Occurrence



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U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Map Reference:
UTM Zone 10 NAD83

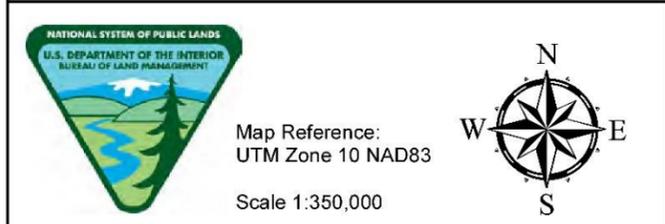
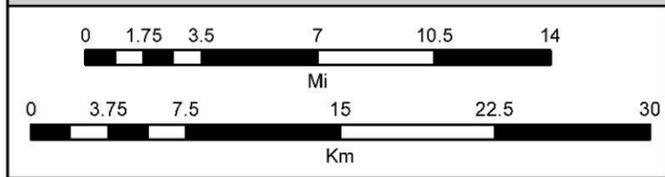
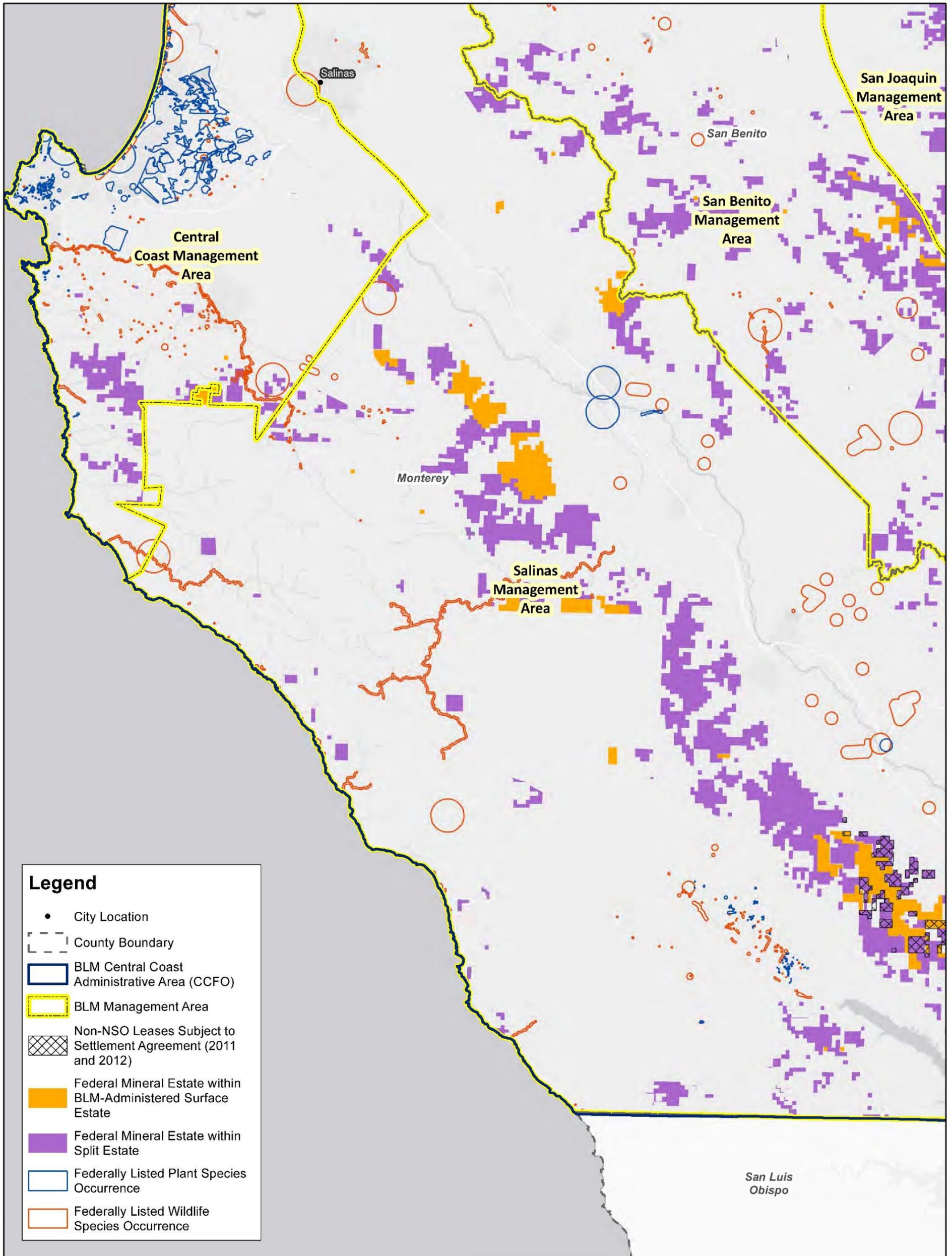
Scale 1:350,000

BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Please refer to Table 3.12-2 for list of species found in each Management Area.

Figure 3.12-2c
Federally Listed Species Occurrences
Page 3

Date: December 2016

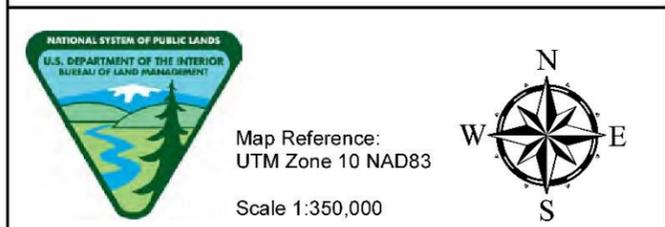
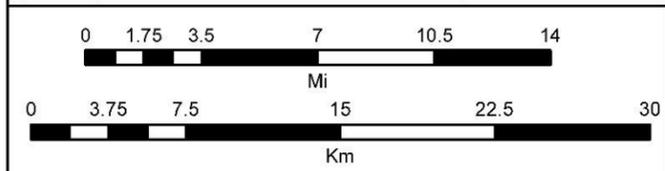
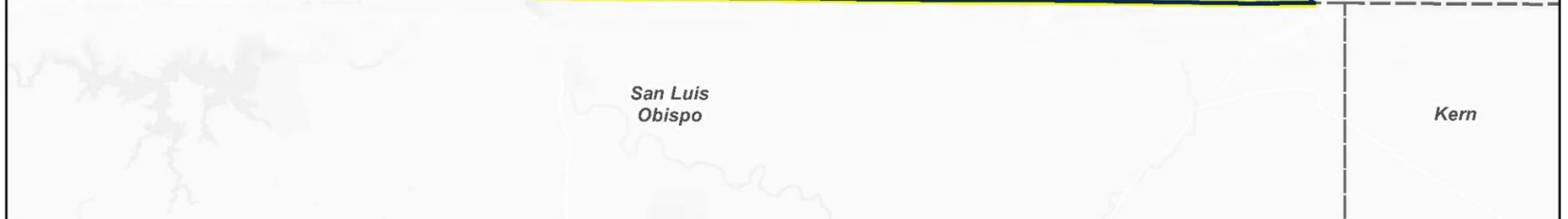
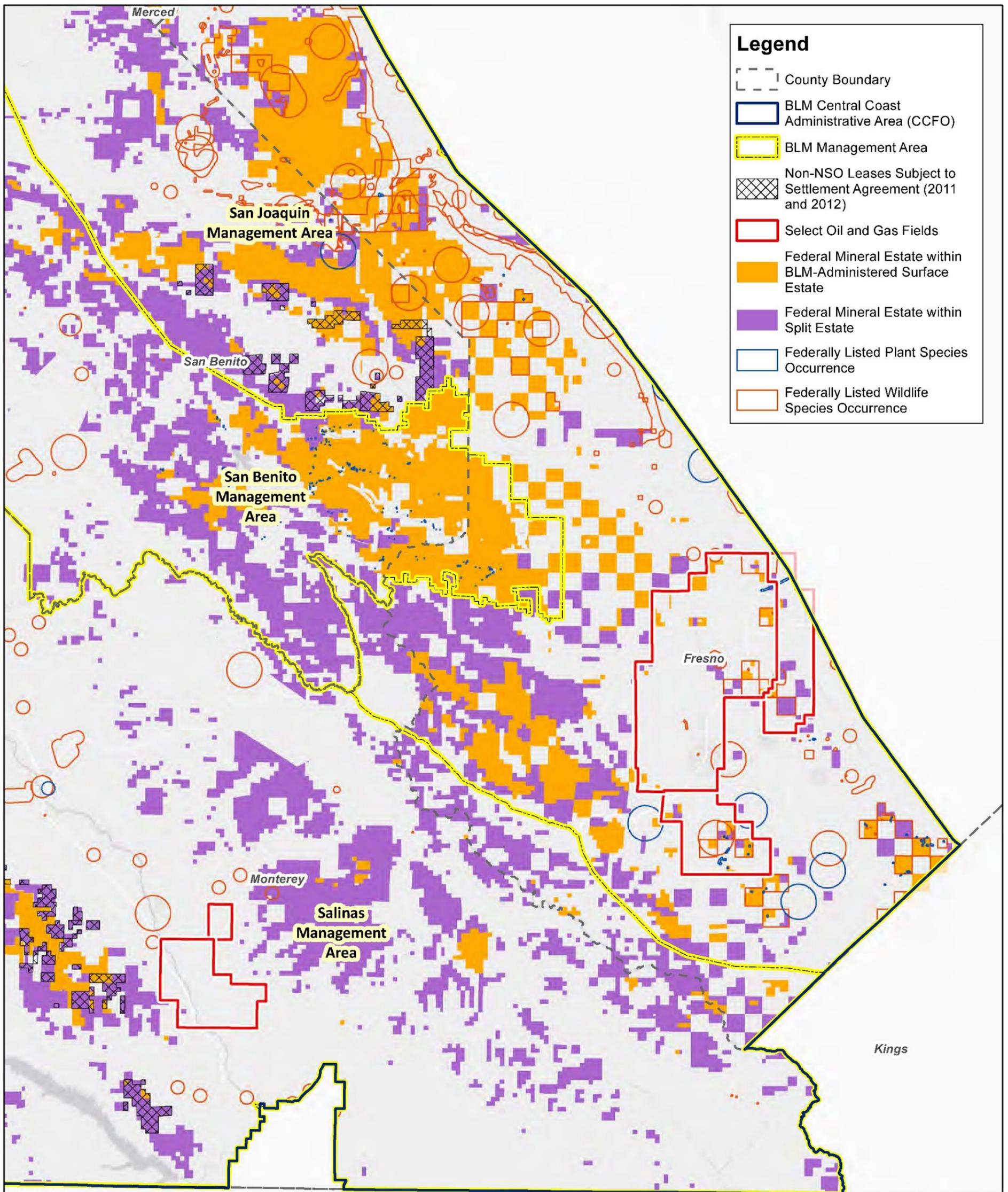


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CENTRAL COAST FIELD OFFICE

Please refer to Table 3.12-2 for list of species found in each Management Area.

Figure 3.12-2d
Federally Listed Species Occurrences
Page 4

Date: December 2016



BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

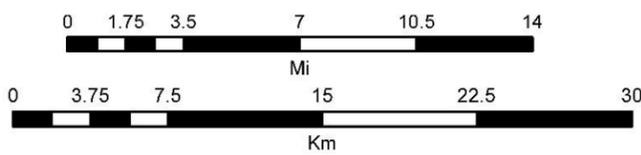
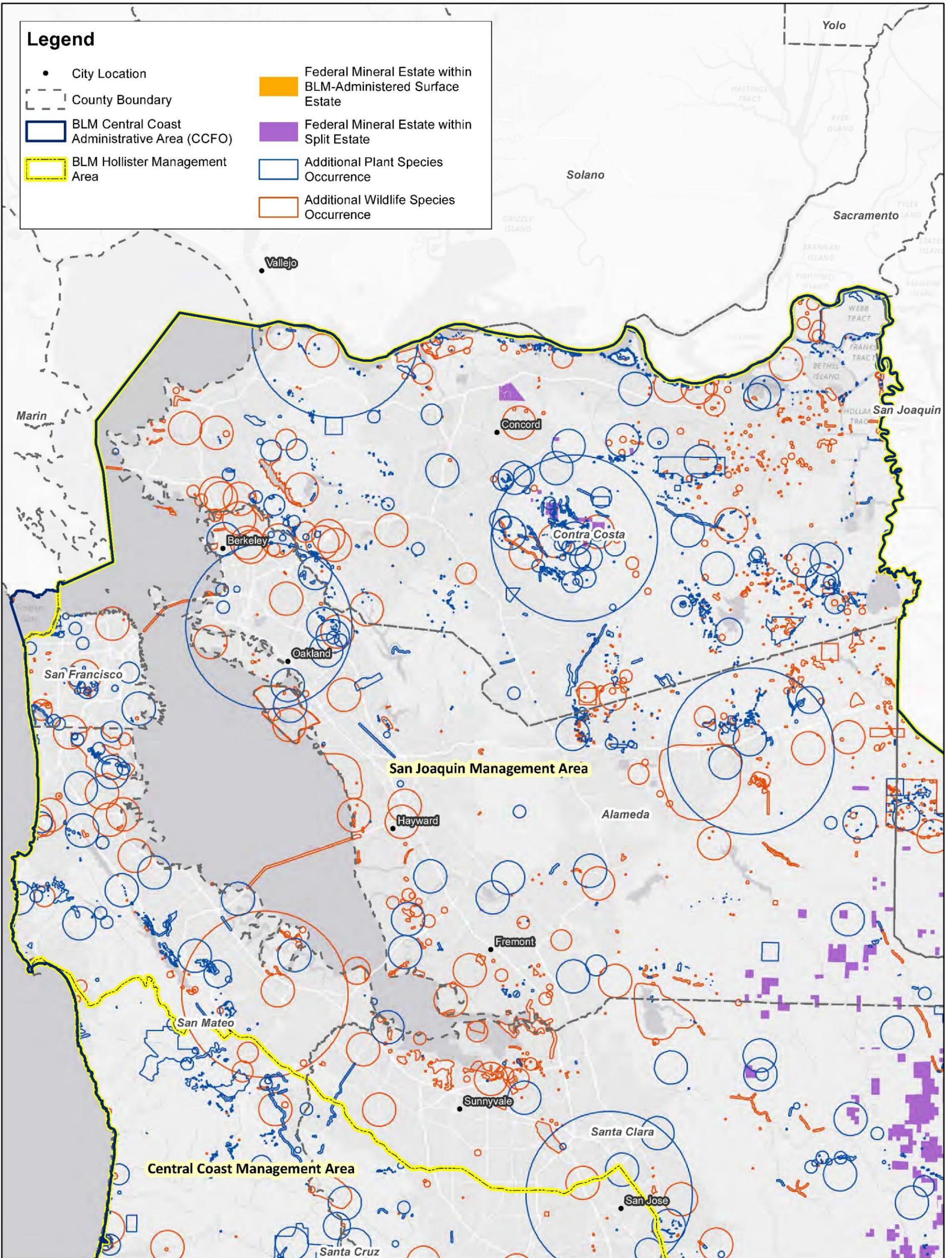
Please refer to Table 3.12-2 for list of species found in each Management Area.

Figure 3.12-2e
Federally Listed Species Occurrences
Page 5

Date: December 2016

Legend

- City Location
- County Boundary
- ▭ BLM Central Coast Administrative Area (CCFO)
- ▭ BLM Hollister Management Area
- ▭ Federal Mineral Estate within BLM-Administered Surface Estate
- ▭ Federal Mineral Estate within Split Estate
- ▭ Additional Plant Species Occurrence
- ▭ Additional Wildlife Species Occurrence



Map Reference:
UTM Zone 10 NAD83
Scale 1:350,000

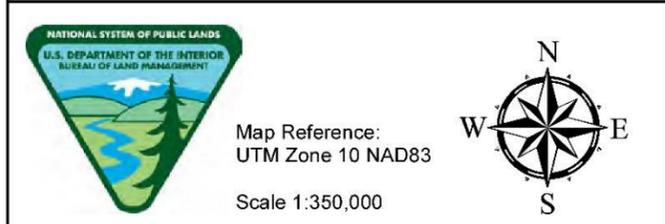
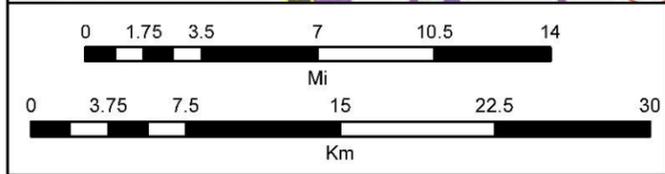
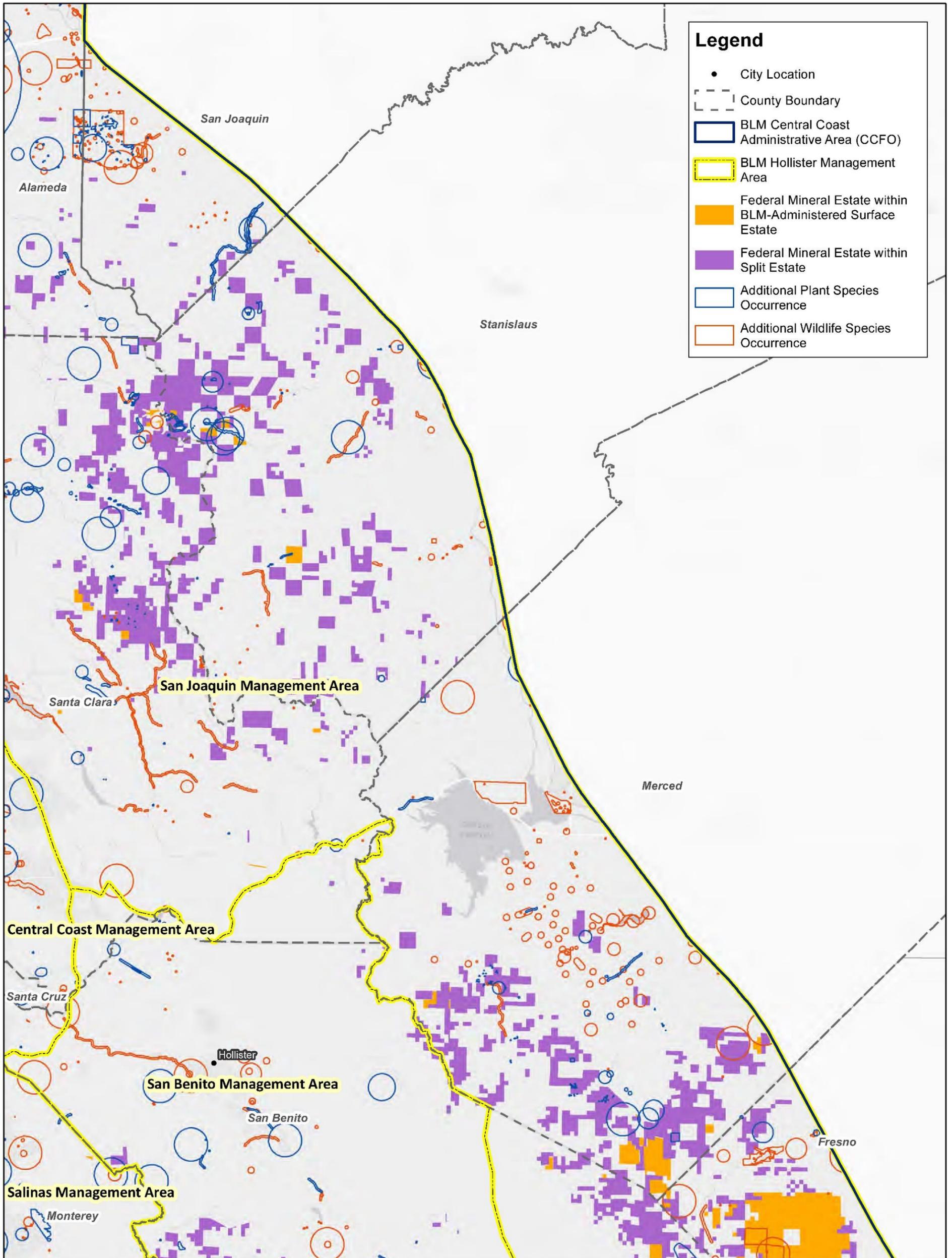


BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Please refer to Table X for list of species found in each Management Area.

Figure 3.12-3a
Additional Special Status Species Occurrences
Page 1

Date: December 2016

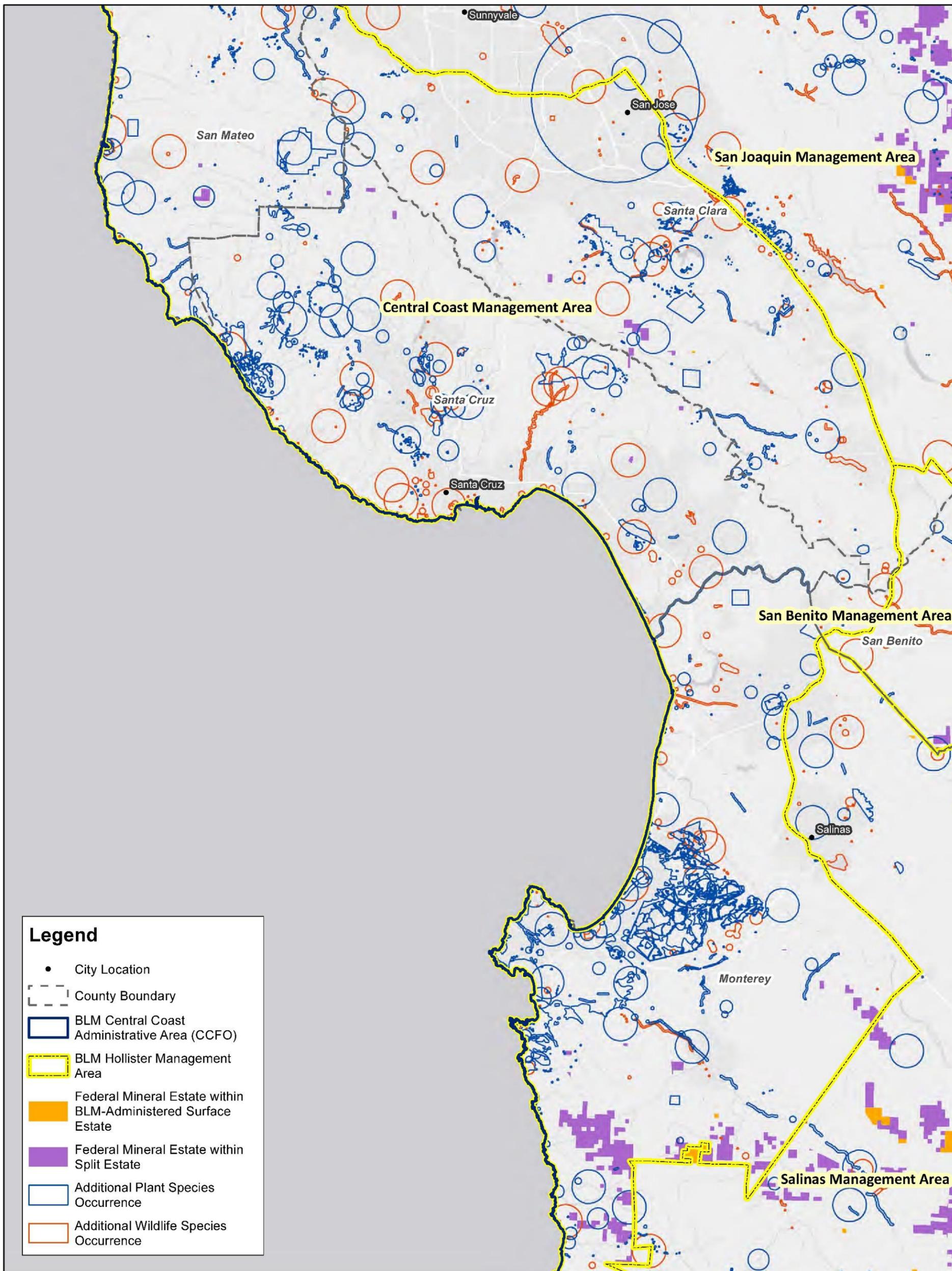


BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Please refer to Table X for list of species found in each Management Area.

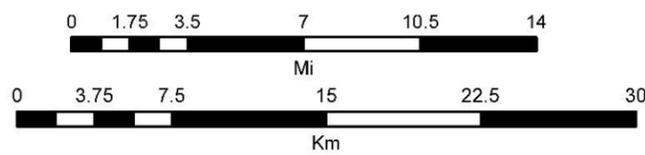
Figure 3.12-3b
Additional Special Status Species Occurrences
Page 2

Date: December 2016



Legend

- City Location
- - - County Boundary
- ▭ BLM Central Coast Administrative Area (CCFO)
- ▭ BLM Hollister Management Area
- ▭ Federal Mineral Estate within BLM-Administered Surface Estate
- ▭ Federal Mineral Estate within Split Estate
- Additional Plant Species Occurrence
- Additional Wildlife Species Occurrence



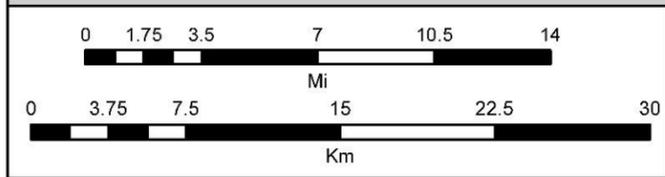
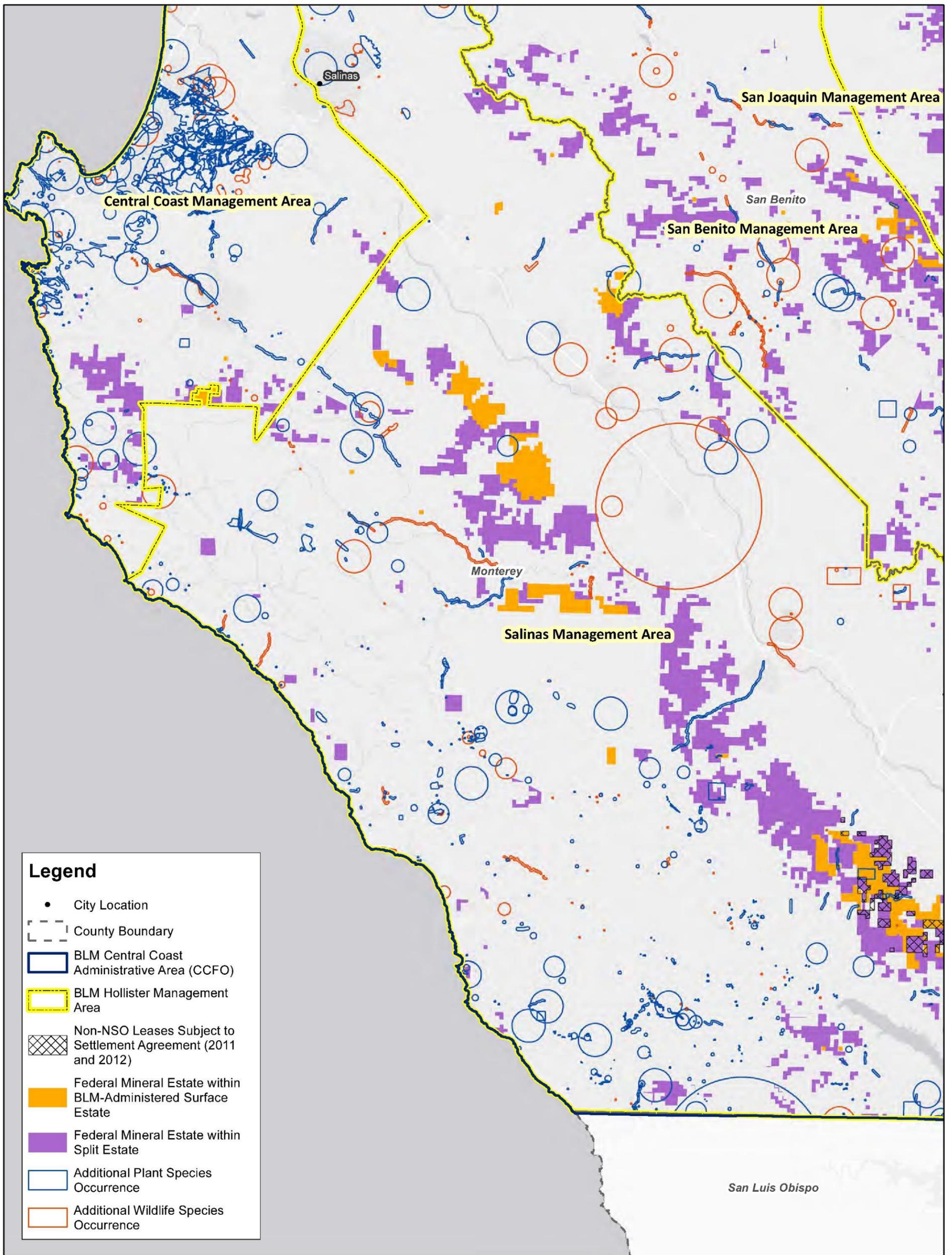
Map Reference:
UTM Zone 10 NAD83
Scale 1:350,000

BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Please refer to Table X for list of species found in each Management Area.

Figure 3.12-3c
Additional Special Status Species Occurrences
Page 3

Date: December 2016



NATIONAL SYSTEM OF PUBLIC LANDS
U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Map Reference:
UTM Zone 10 NAD83

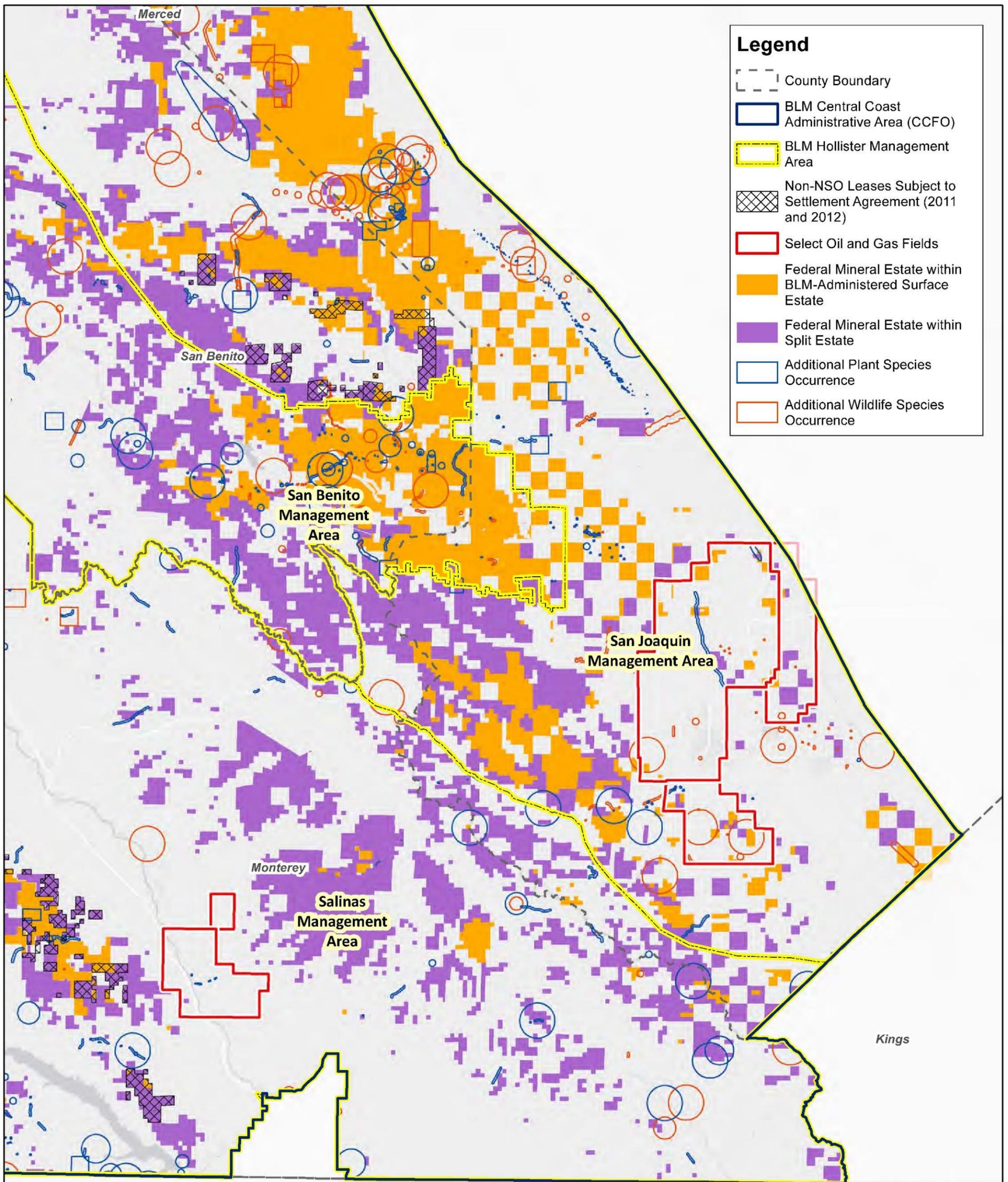
Scale 1:350,000

BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Please refer to Table X for list of species found in each Management Area.

Figure 3.12-3d
Additional Special Status Species Occurrences
Page 4

Date: December 2016



Legend

- County Boundary
- BLM Central Coast Administrative Area (CCFO)
- BLM Hollister Management Area
- Non-NSO Leases Subject to Settlement Agreement (2011 and 2012)
- Select Oil and Gas Fields
- Federal Mineral Estate within BLM-Administered Surface Estate
- Federal Mineral Estate within Split Estate
- Additional Plant Species Occurrence
- Additional Wildlife Species Occurrence



0 1.75 3.5 7 10.5 14
 Mi

0 3.75 7.5 15 22.5 30
 Km

NATIONAL SYSTEM OF PUBLIC LANDS
 U.S. DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

Map Reference:
 UTM Zone 10 NAD83

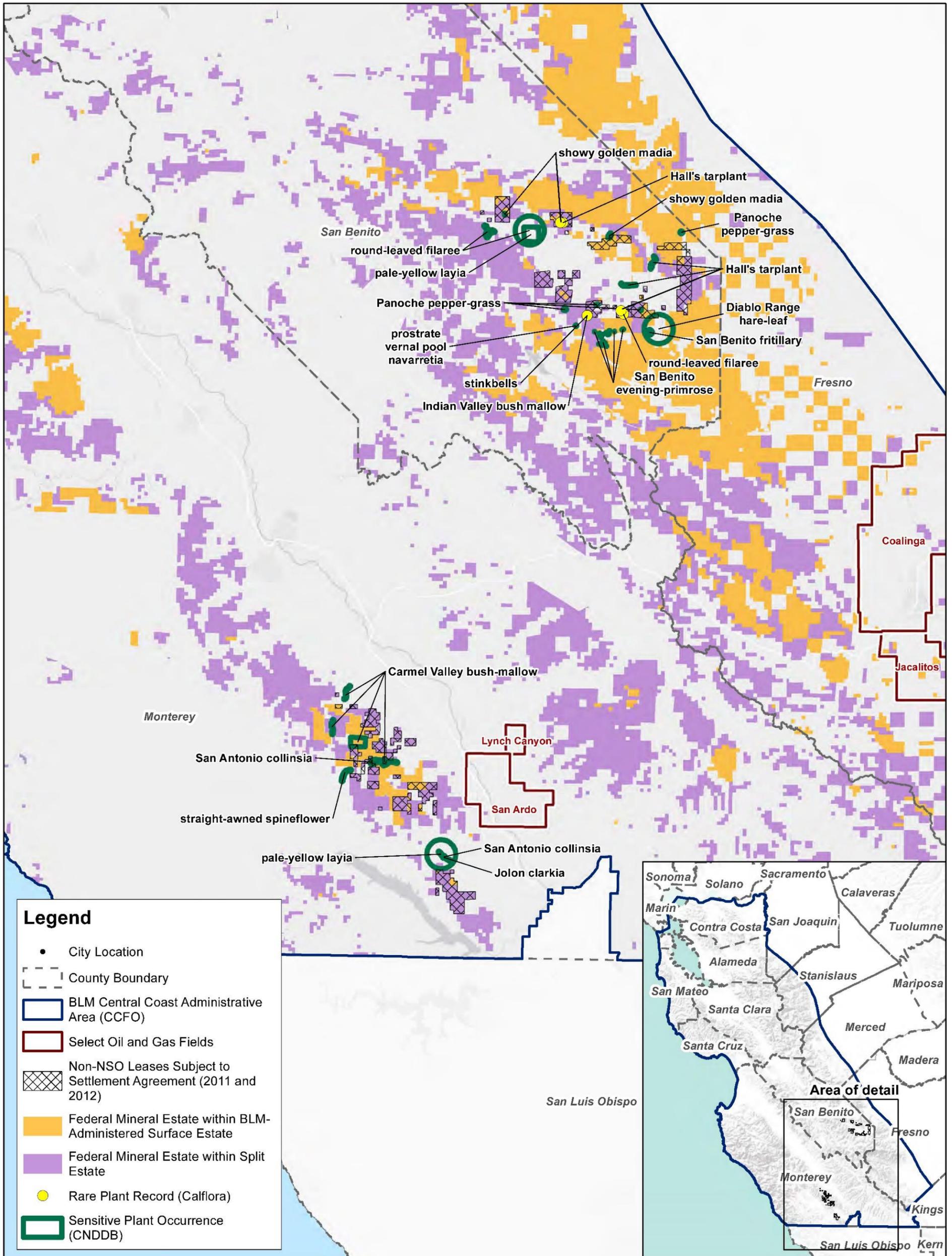
Scale 1:350,000

BUREAU OF LAND MANAGEMENT
 CENTRAL COAST FIELD OFFICE

Please refer to Table X for list of species found in each Management Area.

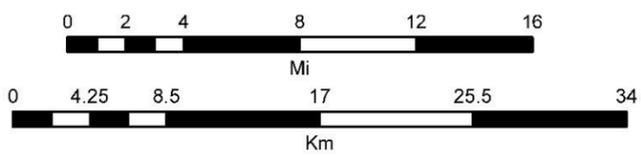
Figure 3.12-3e
Additional Special Status Species Occurrences
Page 5

Date: December 2016



Legend

- City Location
- - - County Boundary
- ▭ BLM Central Coast Administrative Area (CCFO)
- ▭ Select Oil and Gas Fields
- ▨ Non-NSO Leases Subject to Settlement Agreement (2011 and 2012)
- Federal Mineral Estate within BLM-Administered Surface Estate
- Federal Mineral Estate within Split Estate
- Rare Plant Record (Calflora)
- Sensitive Plant Occurrence (CNDDB)

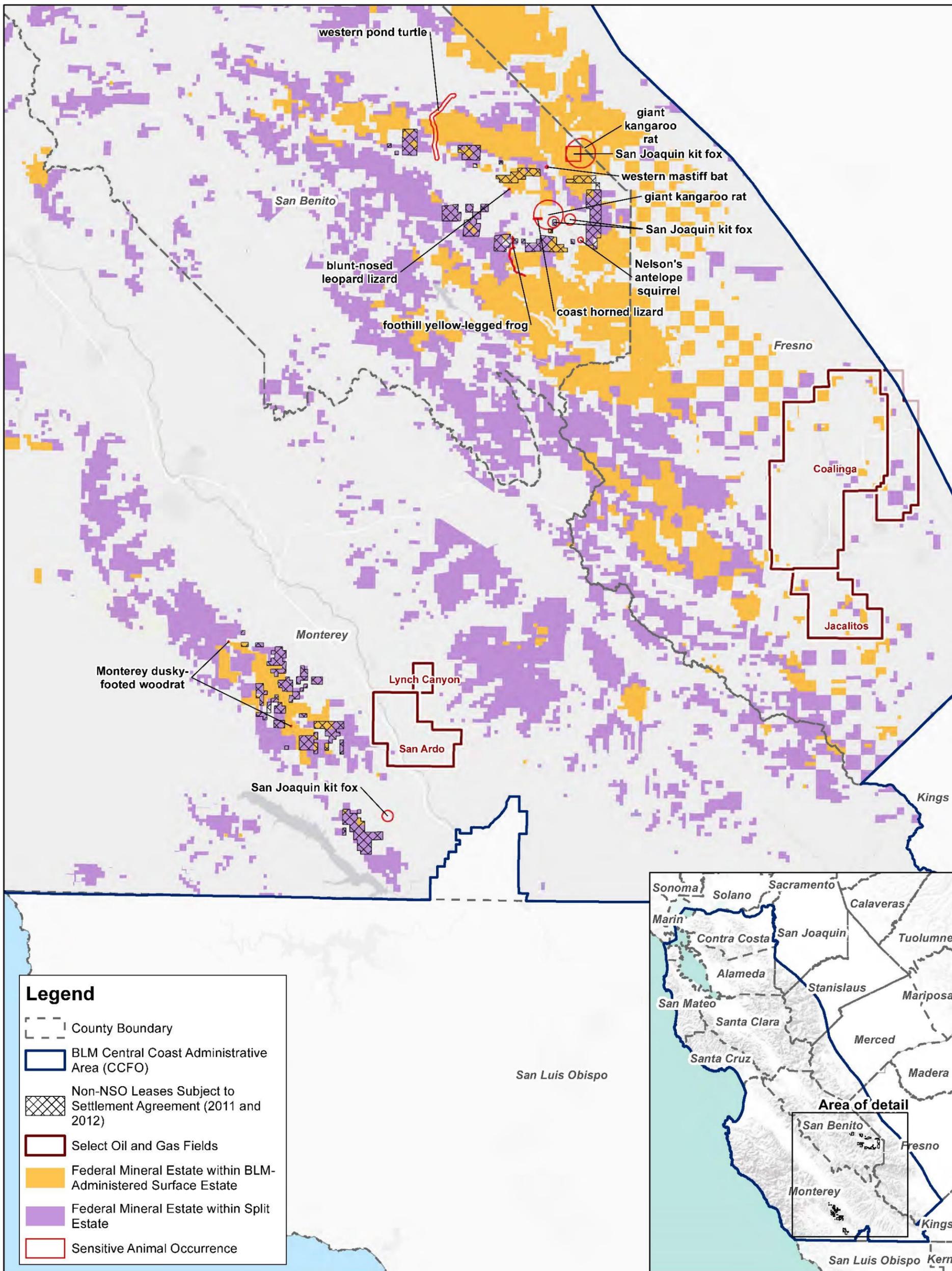


Map Reference:
UTM Zone 10 NAD83
Scale 1:400,000

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Figure 3.12-4
Special Status Plant Occurrences
within One-Mile of Leases
Subject to Litigation

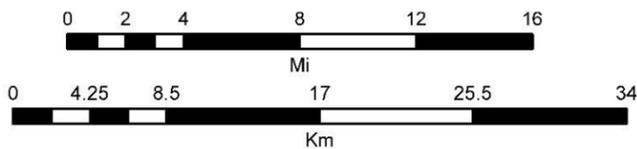
Date: December 2016



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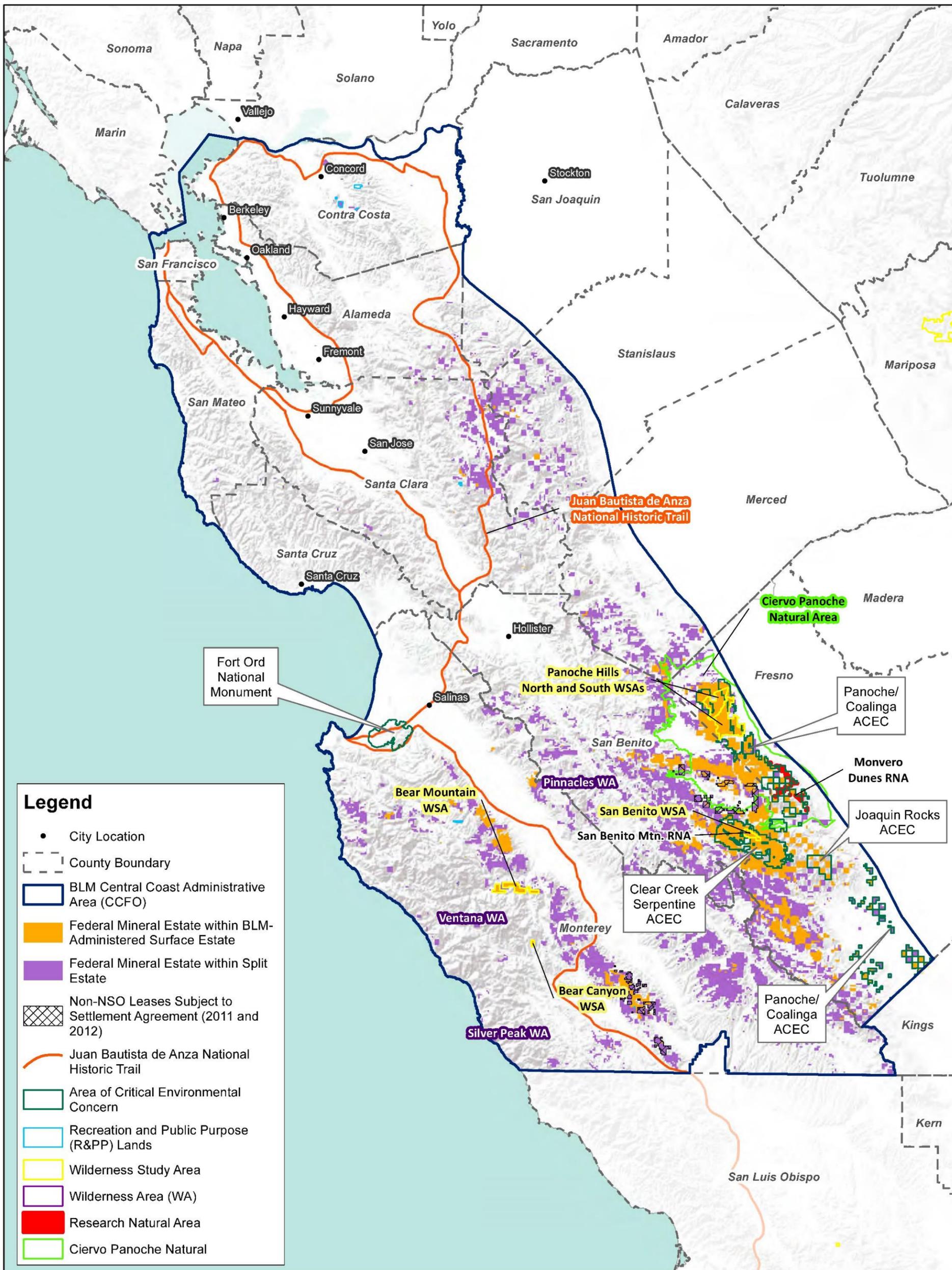
Figure 3.12-5
Special Status Wildlife Occurrences
within One-Mile of Leases
Subject to Litigation

Date: December 2016



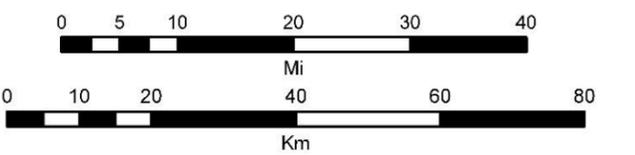
Map Reference:
UTM Zone 10 NAD83
Scale 1:400,000





Legend

- City Location
- - - County Boundary
- ▭ BLM Central Coast Administrative Area (CCFO)
- ▭ Federal Mineral Estate within BLM-Administered Surface Estate
- ▭ Federal Mineral Estate within Split Estate
- ▭ Non-NSO Leases Subject to Settlement Agreement (2011 and 2012)
- Juan Bautista de Anza National Historic Trail
- ▭ Area of Critical Environmental Concern
- ▭ Recreation and Public Purpose (R&PP) Lands
- ▭ Wilderness Study Area
- ▭ Wilderness Area (WA)
- ▭ Research Natural Area
- ▭ Ciervo Panoche Natural

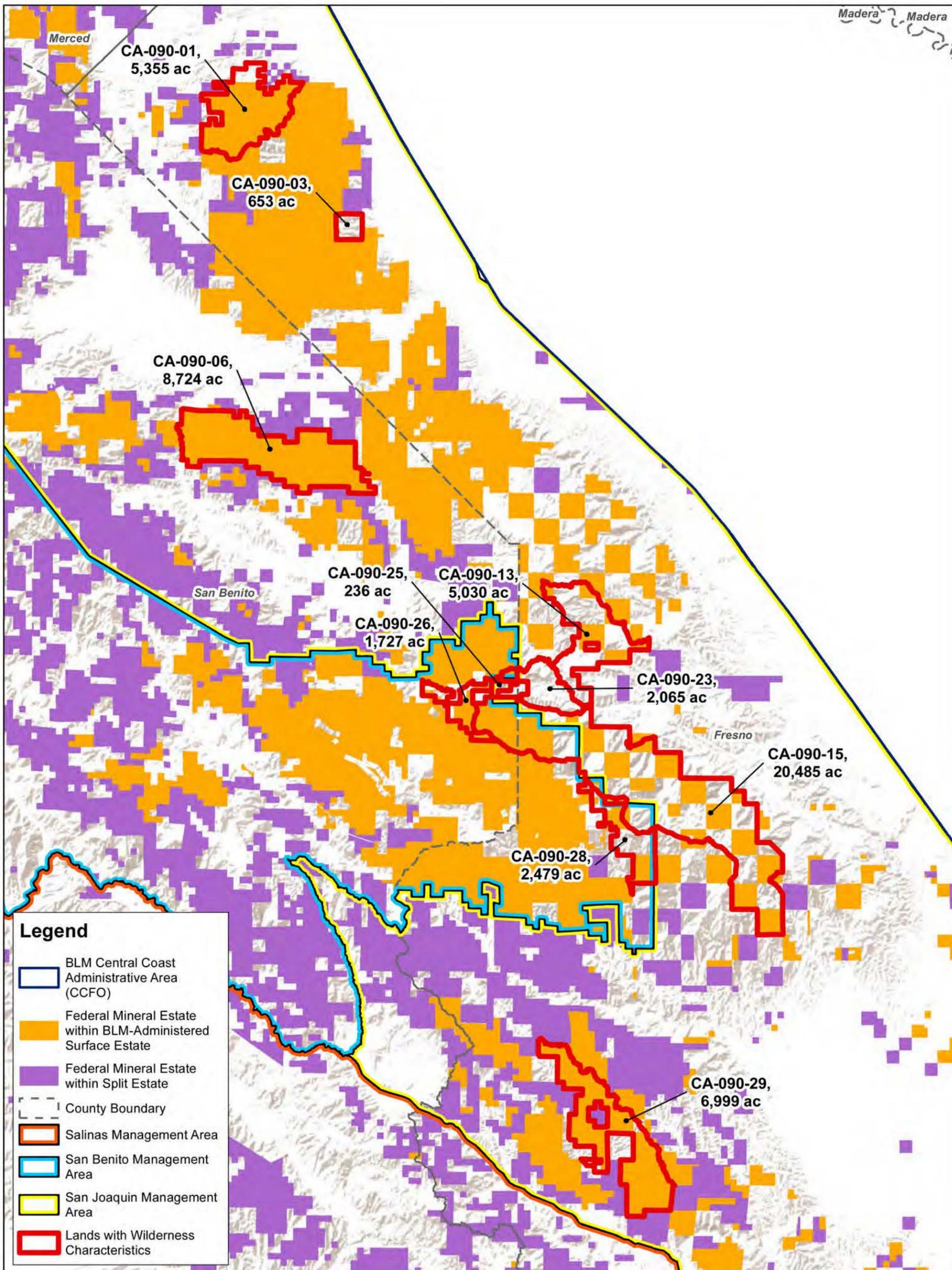


Map Reference:
UTM Zone 10 NAD83
Scale 1:1,000,000

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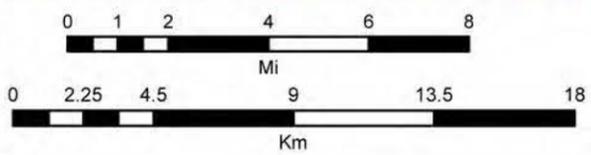
Figure 3.14-1
Special Management Areas
within the
BLM Central Coast Field Office
Administrative Area

Date: December 2016



Legend

-  BLM Central Coast Administrative Area (CCFO)
-  Federal Mineral Estate within BLM-Administered Surface Estate
-  Federal Mineral Estate within Split Estate
-  County Boundary
-  Salinas Management Area
-  San Benito Management Area
-  San Joaquin Management Area
-  Lands with Wilderness Characteristics



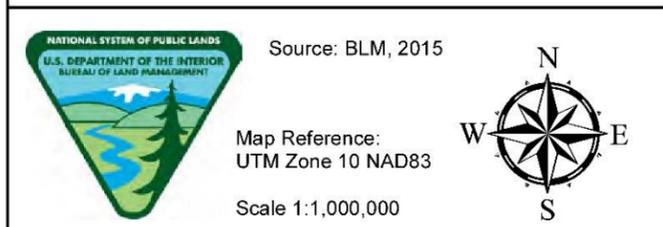
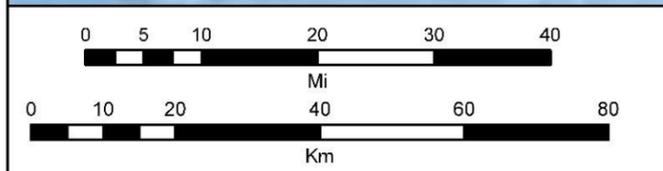
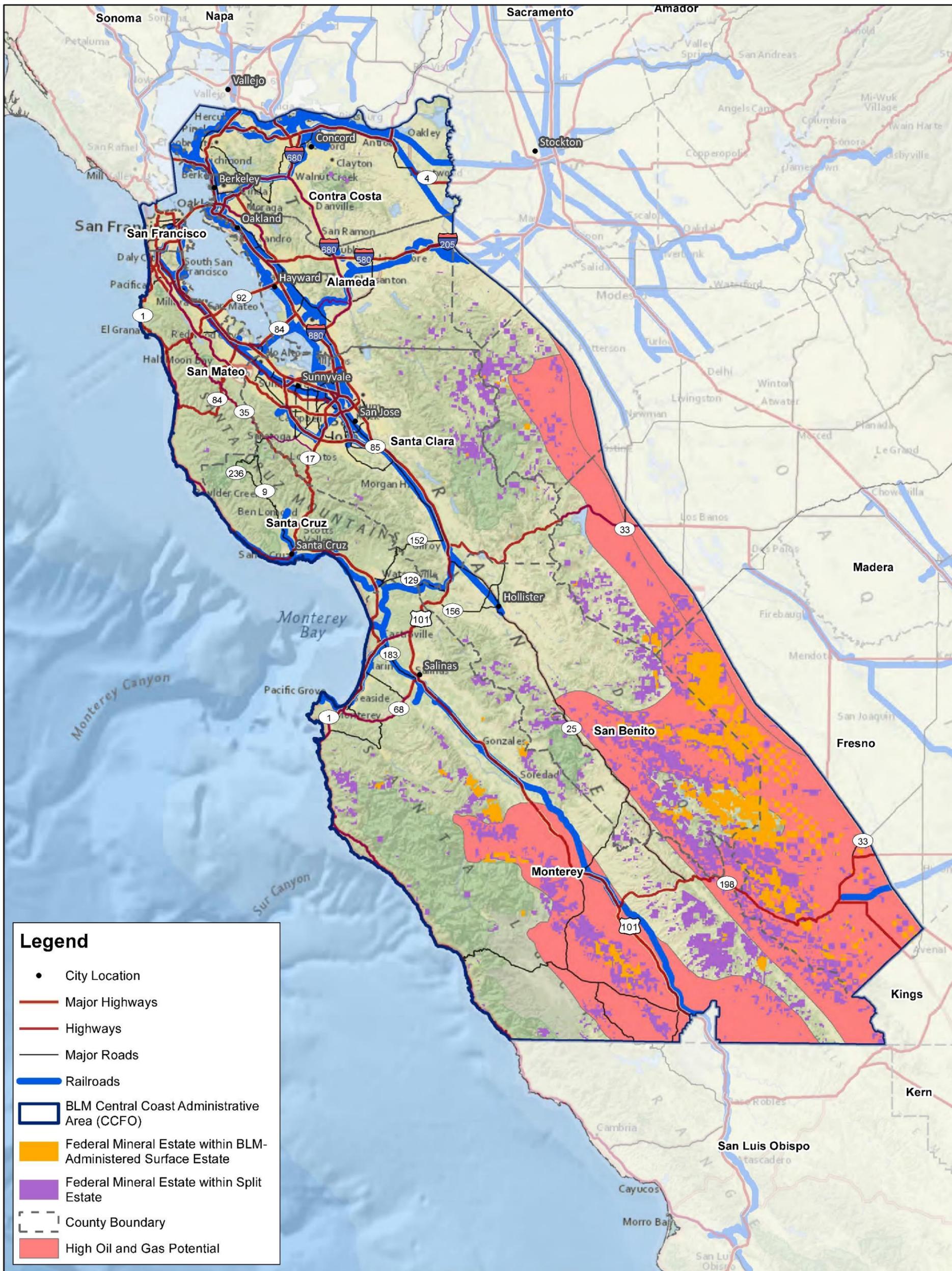
Map Reference:
UTM Zone 10 NAD83
Scale 1:1,000,000



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Figure 3.14-2
Lands with Wilderness Characteristics within the BLM Central Coast Field Office Administrative Area

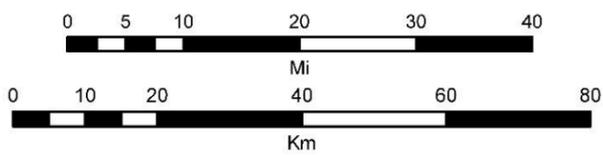
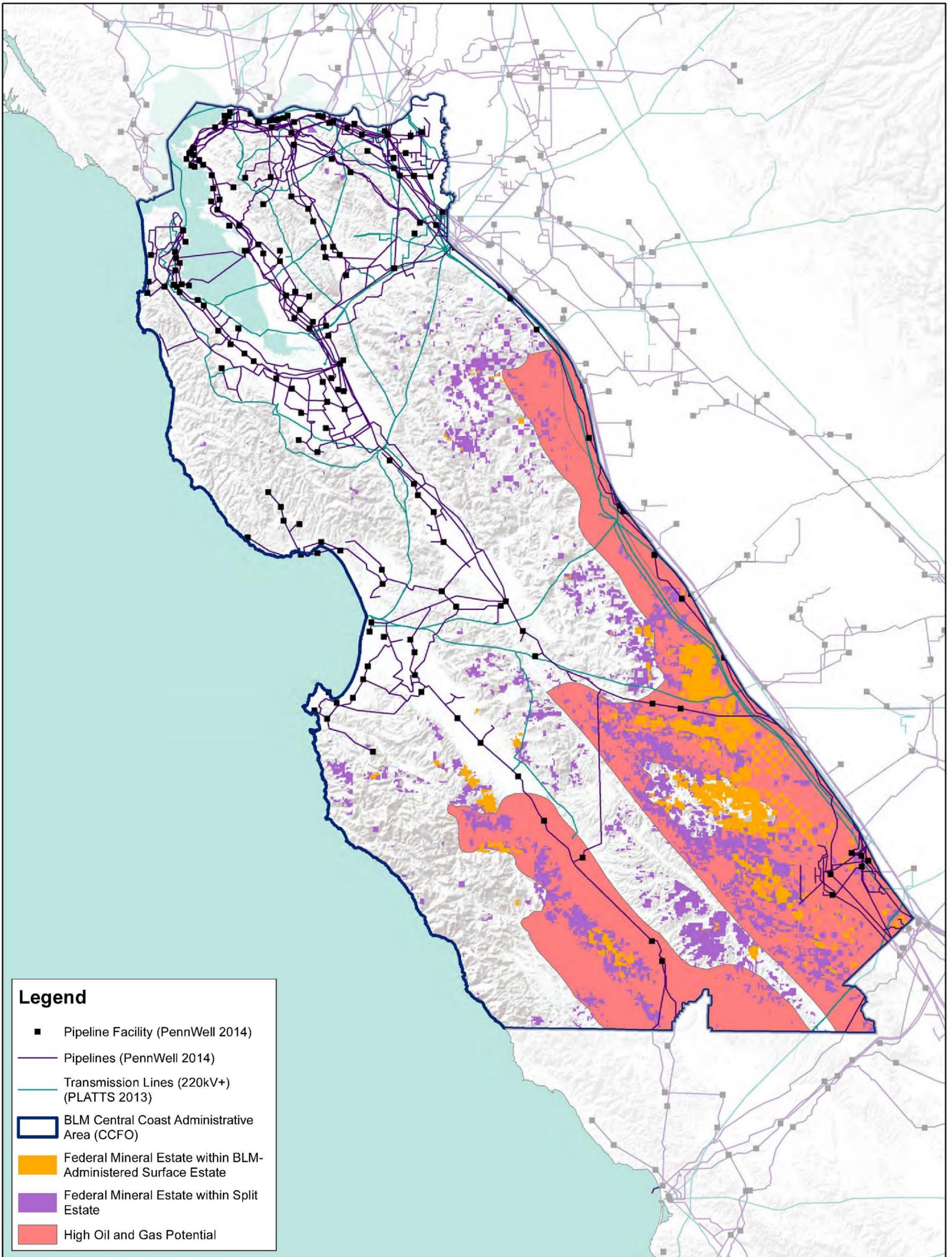
Date: May 2018



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Figure 3.18-1
Regional
Transportation Network

Date: December 2016



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Figure 3.20-1
Existing Pipelines and
Transmission Lines



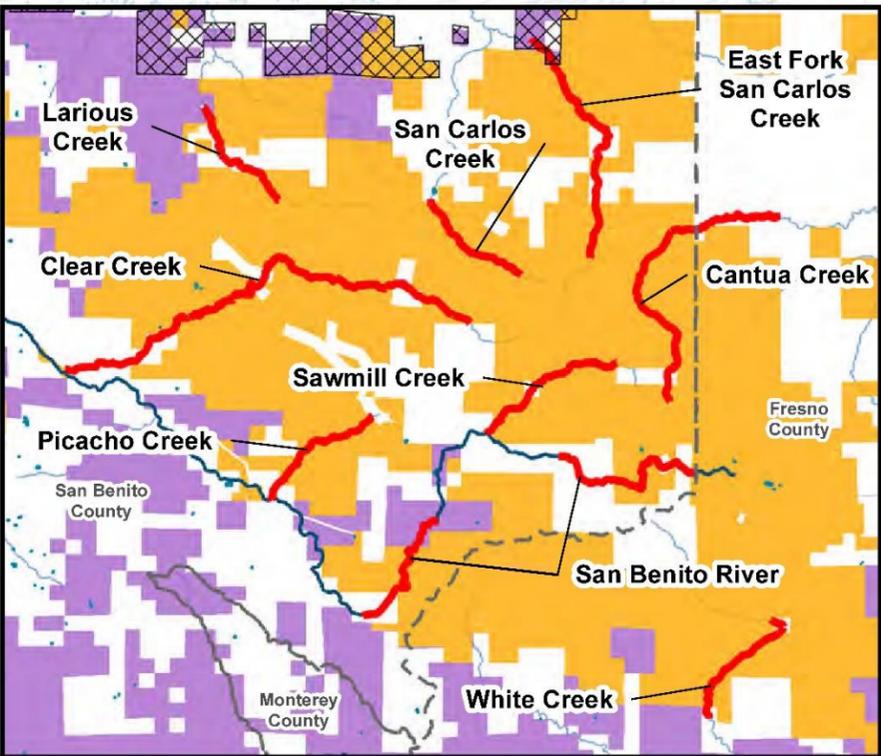
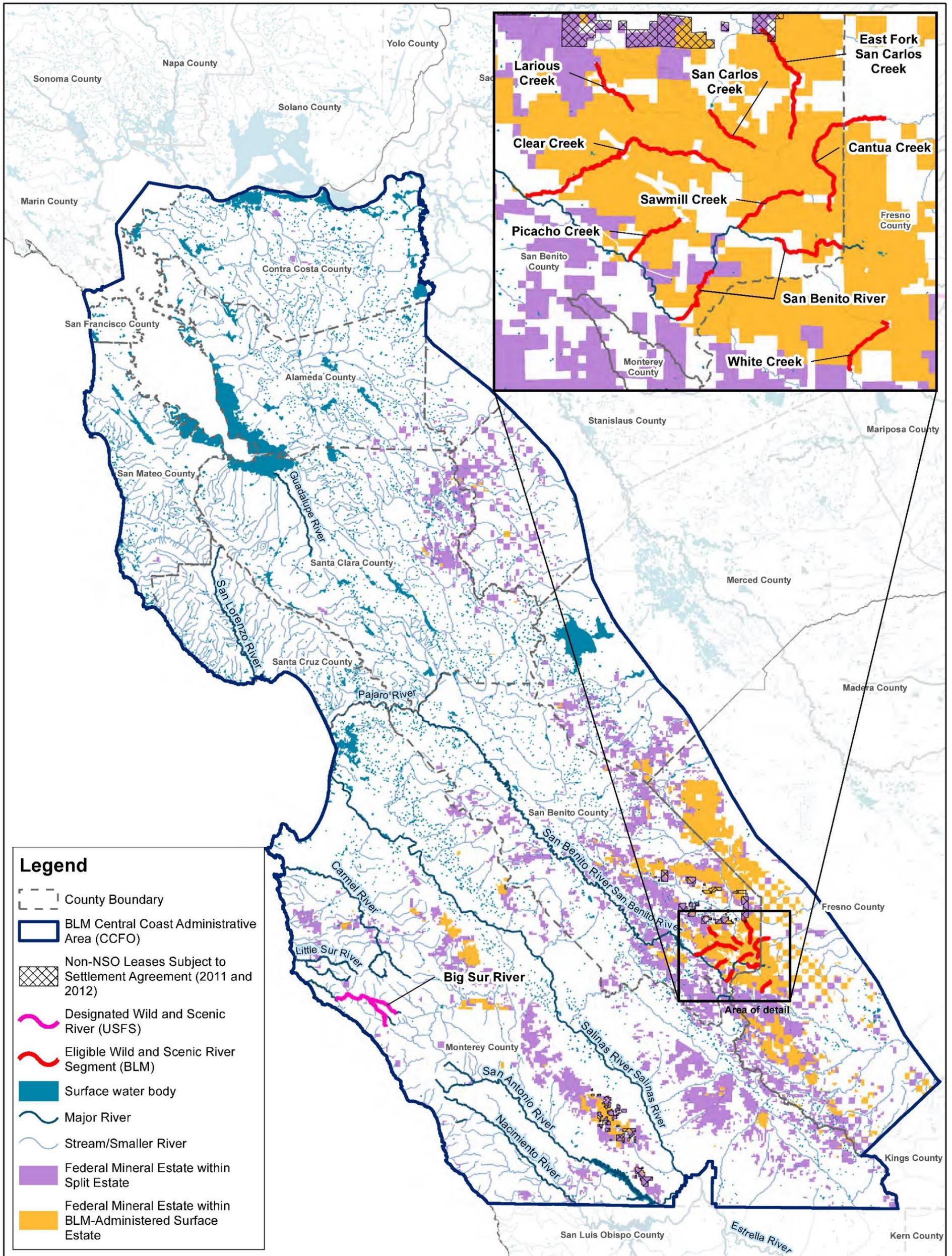
Source: BLM, 2015

Map Reference:
UTM Zone 10 NAD83

Scale 1:1,000,000

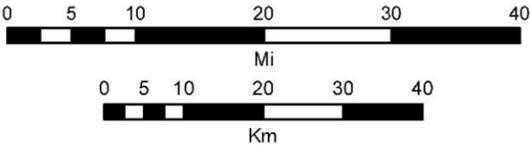


Date: December 2016



Legend

- County Boundary
- BLM Central Coast Administrative Area (CCFO)
- Non-NSO Leases Subject to Settlement Agreement (2011 and 2012)
- Designated Wild and Scenic River (USFS)
- Eligible Wild and Scenic River Segment (BLM)
- Surface water body
- Major River
- Stream/Smaller River
- Federal Mineral Estate within Split Estate
- Federal Mineral Estate within BLM-Administered Surface Estate



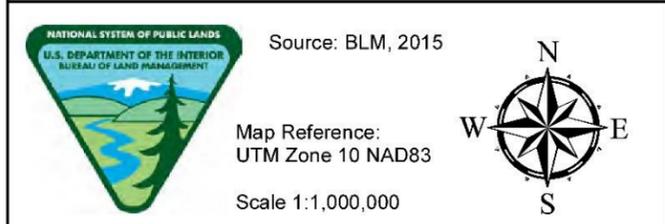
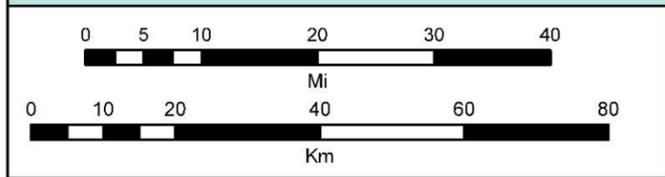
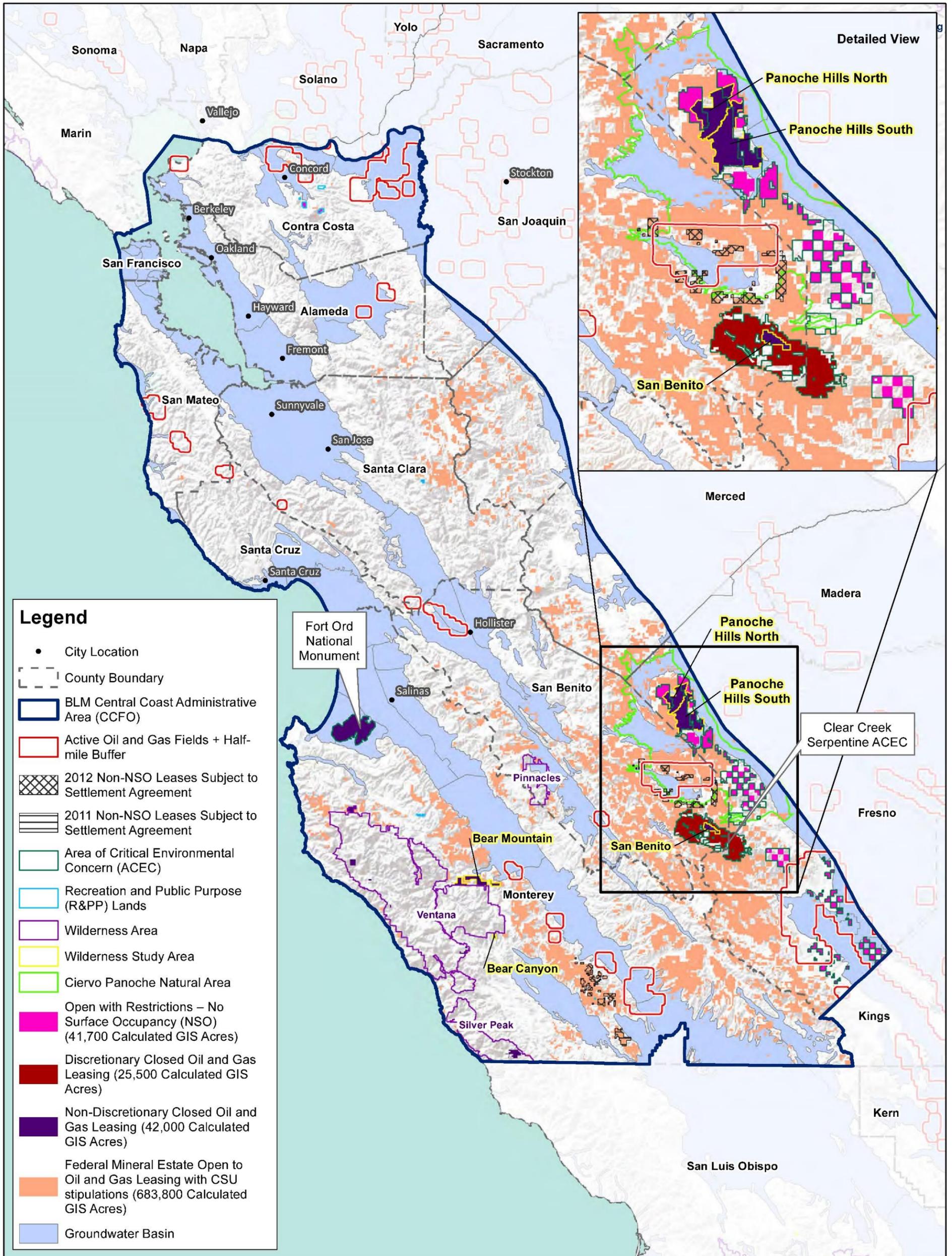
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Figure 3.21-1
Wild and Scenic Rivers



Source: BLM, 2015
Map Reference:
UTM Zone 10 NAD83
Scale 1:1,000,000

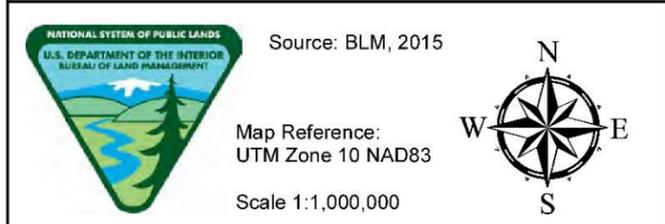
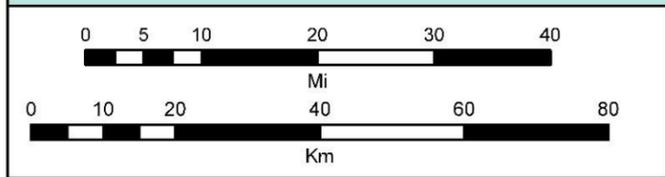
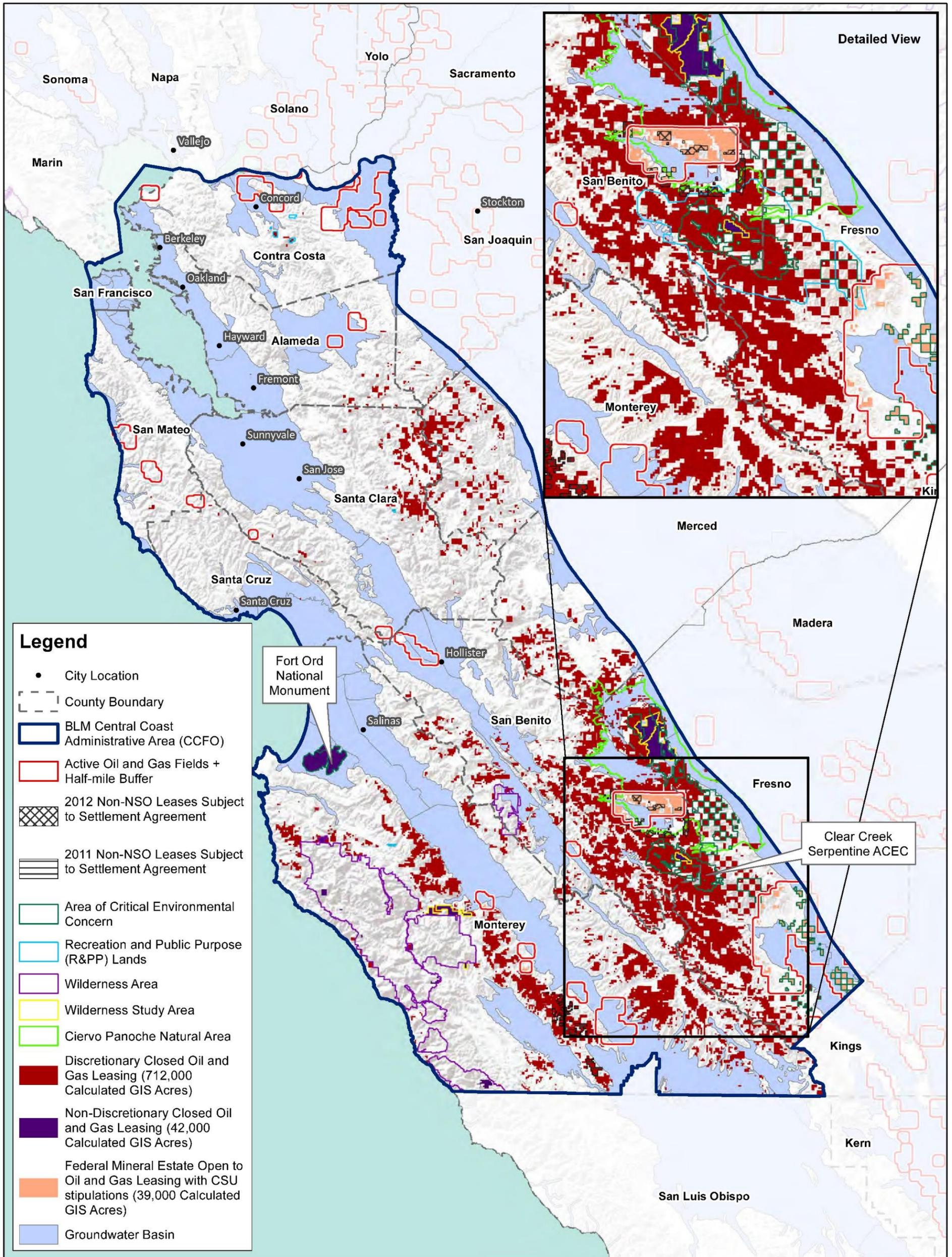




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Figure 4.7-1
Groundwater Basins;
Alternative A
(No Action Alternative)

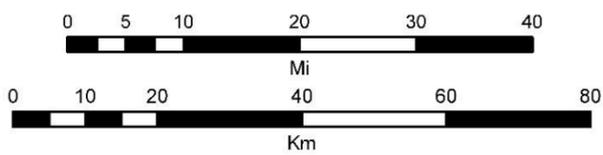
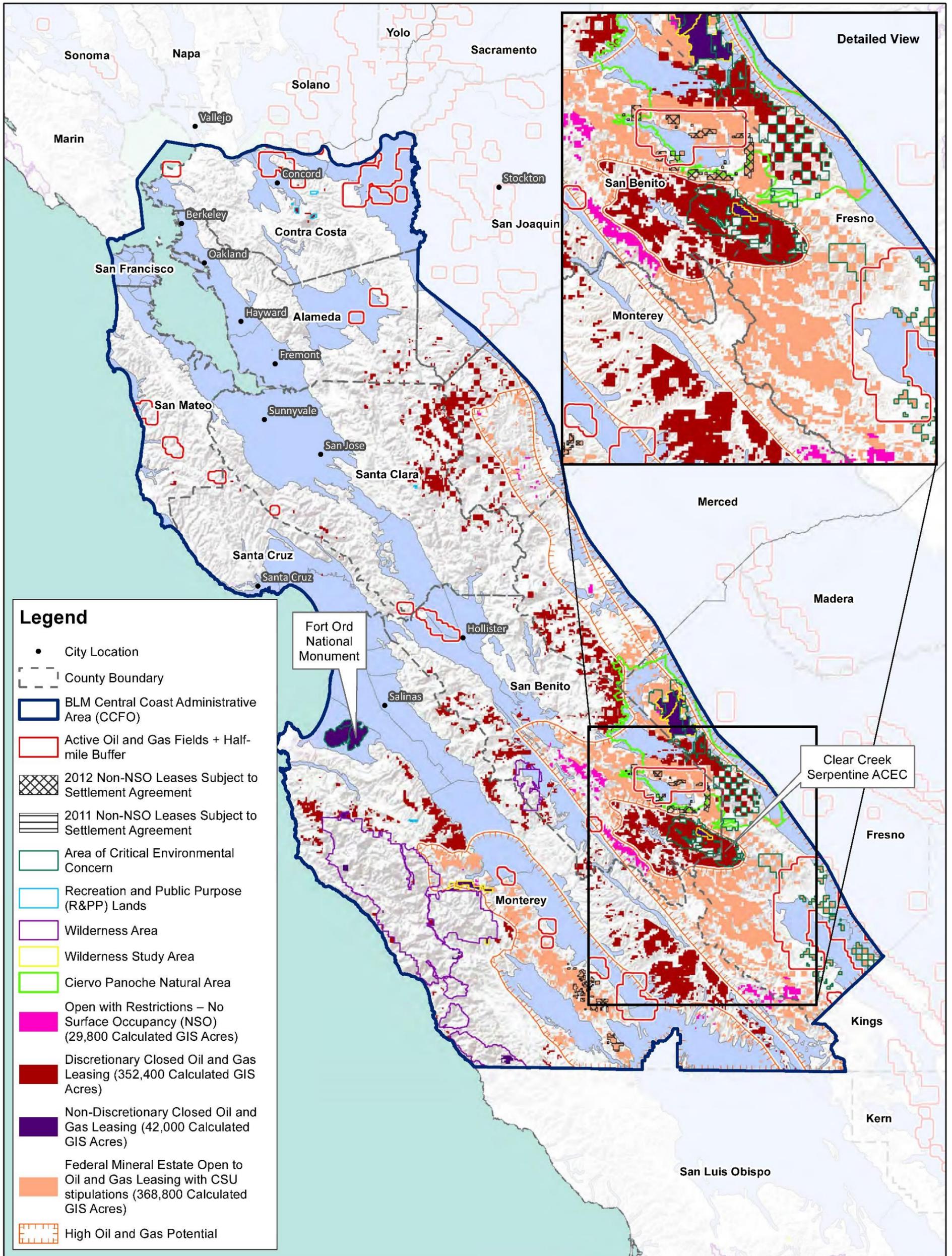
Date: December 2016



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Figure 4.7-2
Groundwater Basins;
Alternative B

Date: December 2016



Source: BLM, 2015

Map Reference:
UTM Zone 10 NAD83

Scale 1:1,000,000

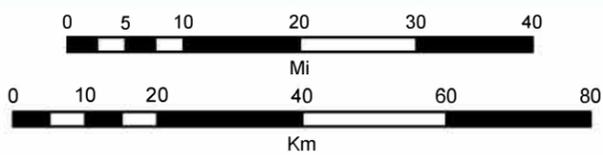
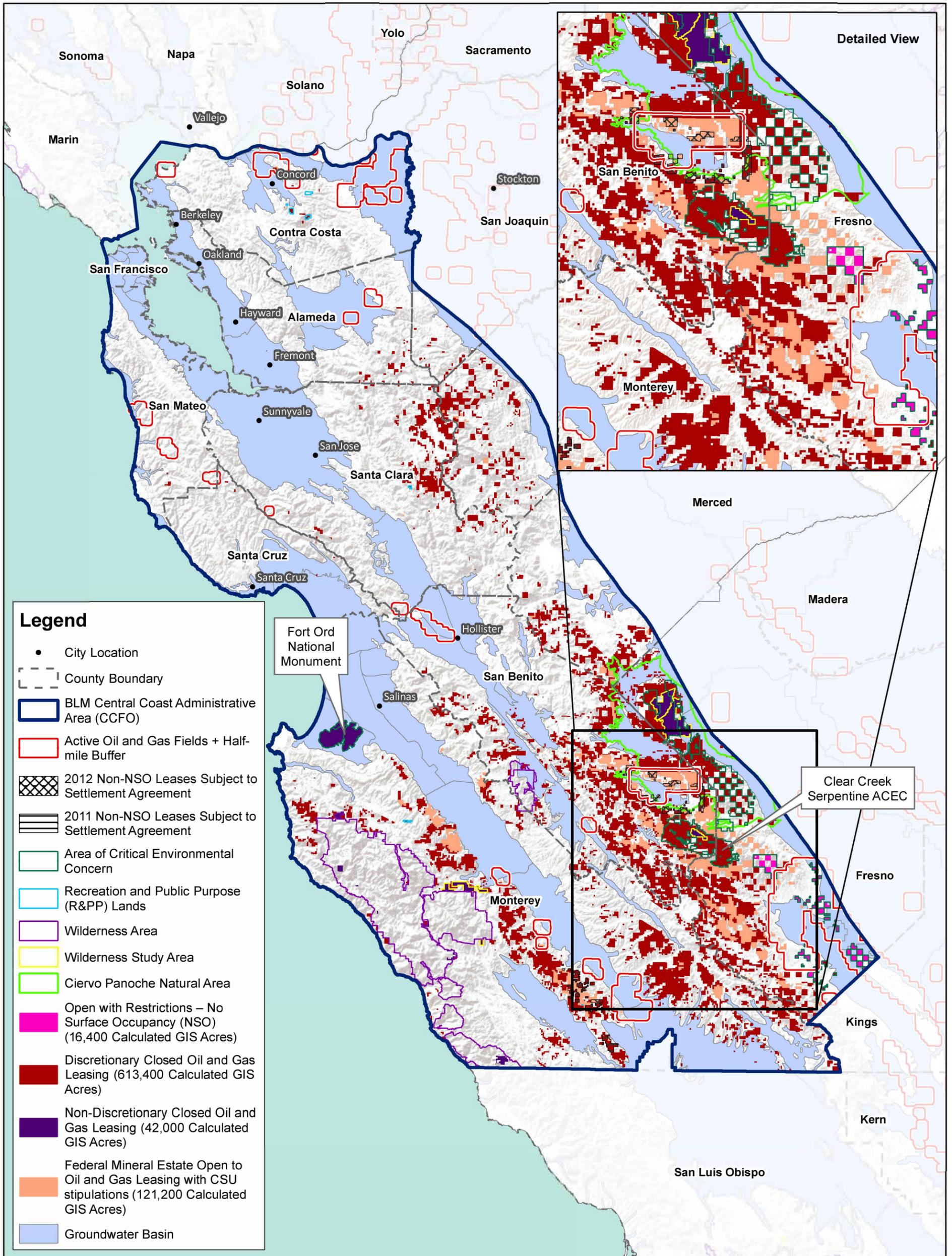


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Figure 4.7-3

**Groundwater Basins;
Alternative C**

Date: December 2016



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Figure 4.7-4
Groundwater Basins;
Alternative D



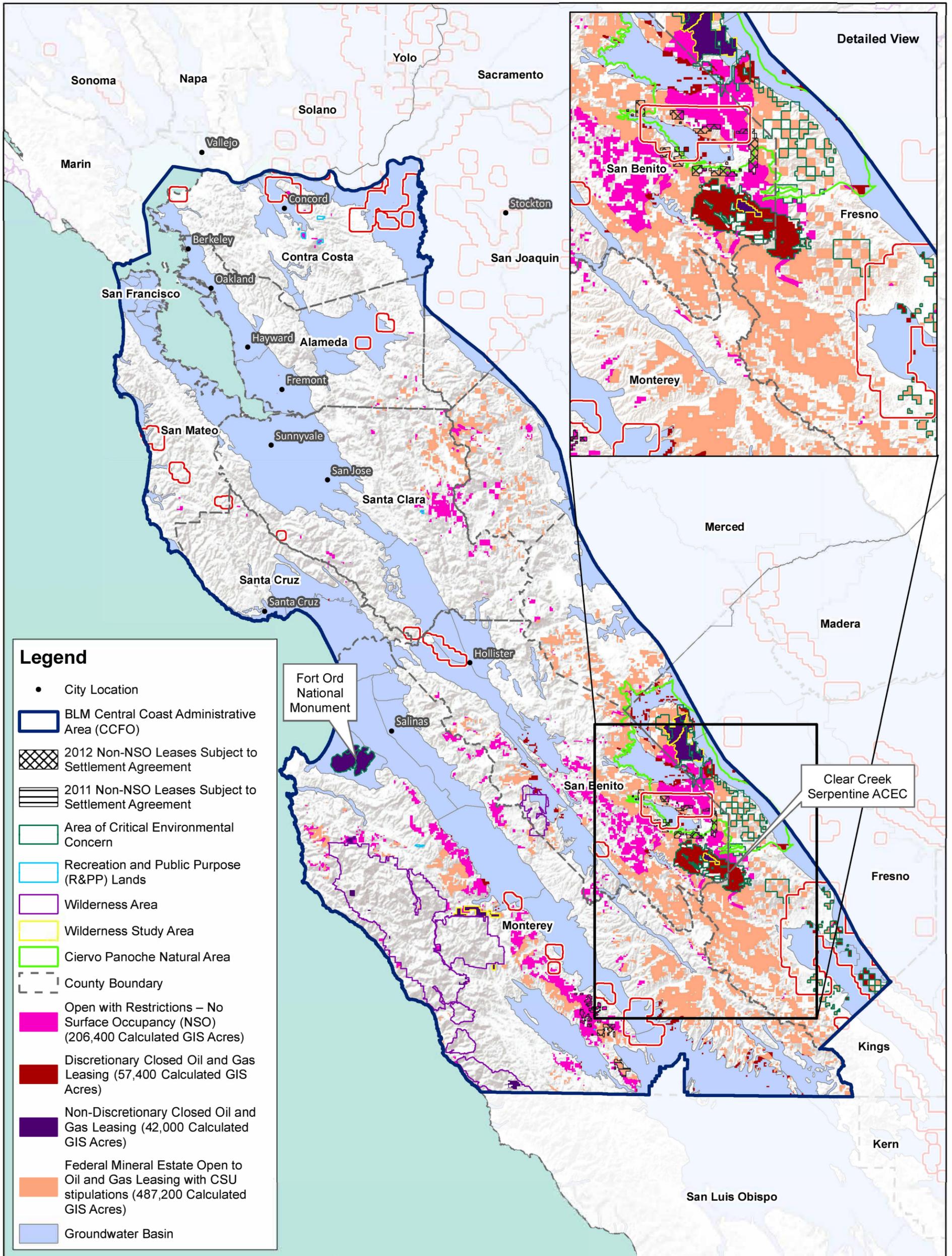
Source: BLM, 2015

Map Reference:
UTM Zone 10 NAD83

Scale 1:1,000,000



Date: May 2018



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Figure 4.7-5
Groundwater Basins;
Alternative E

Date: May 2018

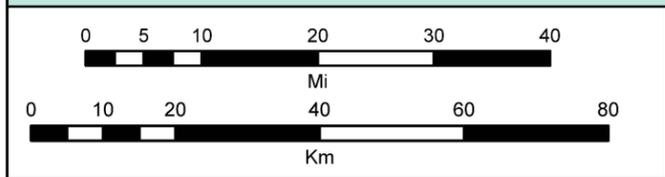
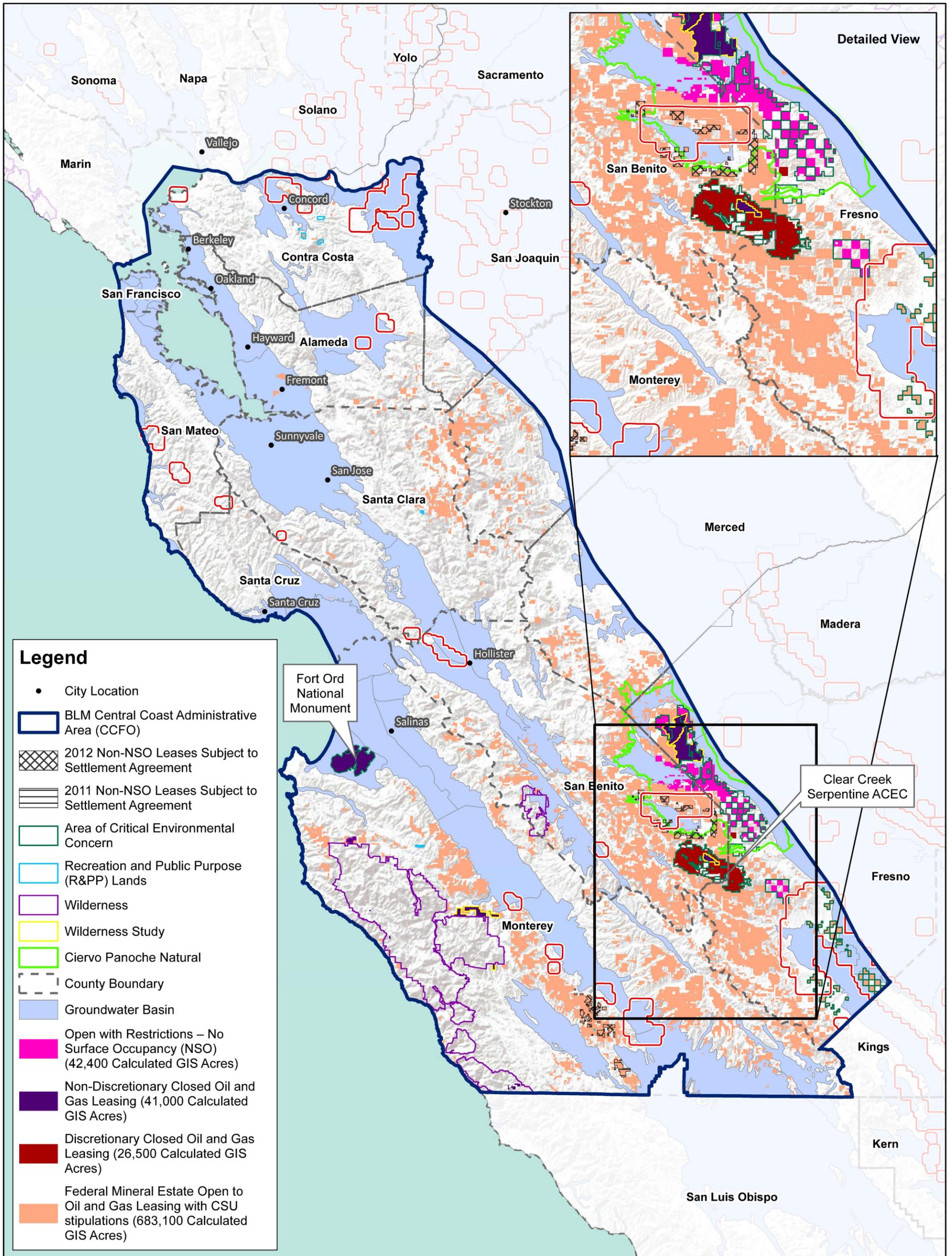


Source: BLM, 2015

Map Reference:
UTM Zone 10 NAD83

Scale 1:1,000,000





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Source: BLM, 2015

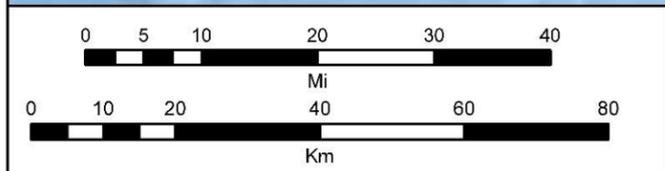
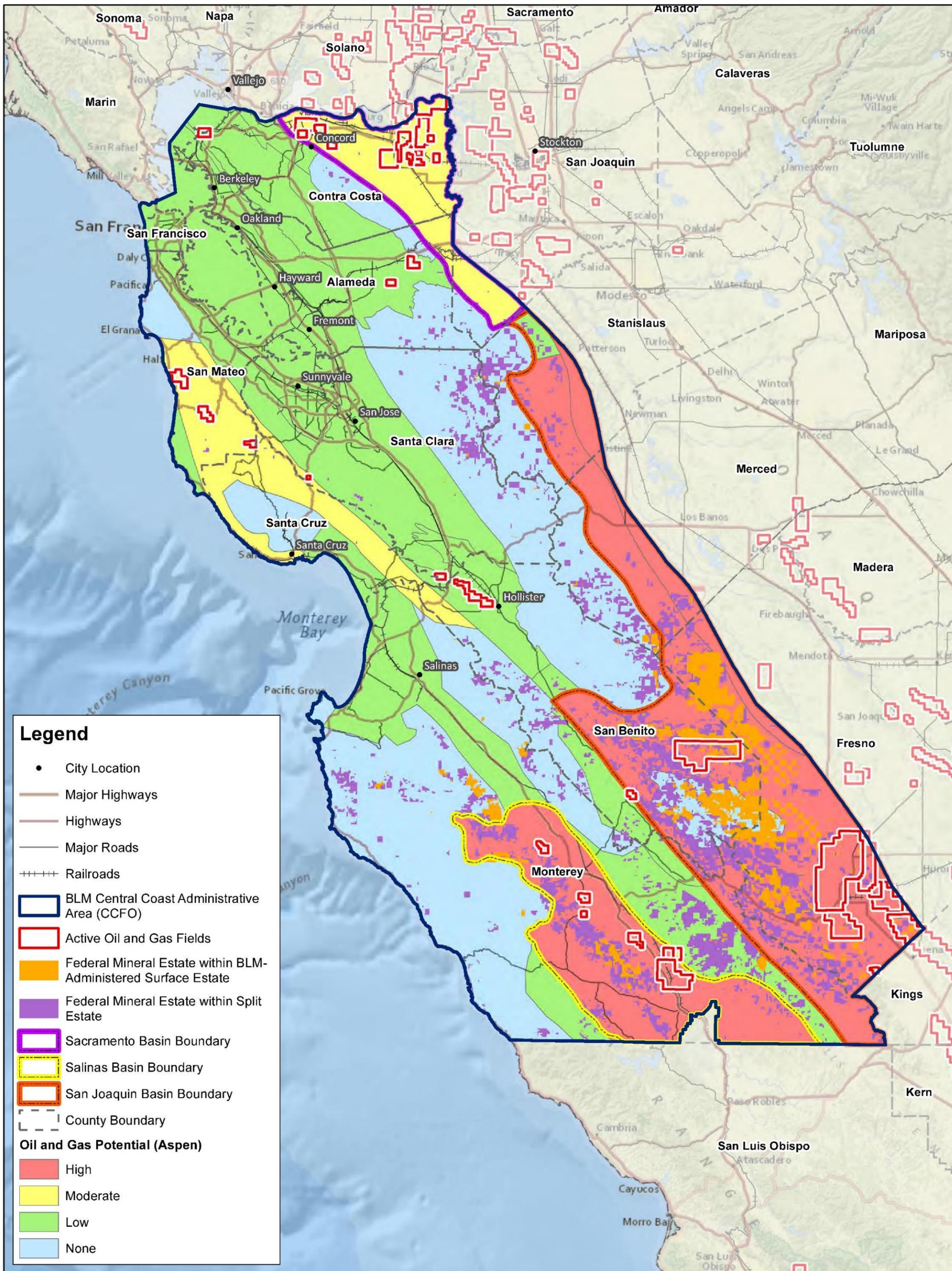
Map Reference:
UTM Zone 10 NAD83

Scale 1:1,000,000

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Figure 4.7-6
**Groundwater Basins;
Alternative F**

Date: February 2019



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Source: BLM, 2015

Map Reference:
UTM Zone 10 NAD83

Scale 1:1,000,000

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CENTRAL COAST FIELD OFFICE

Figure 5-1
Reasonably Foreseeable
Oil and Gas
Development Potential

Date: December 2016