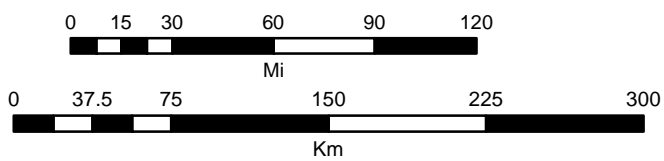
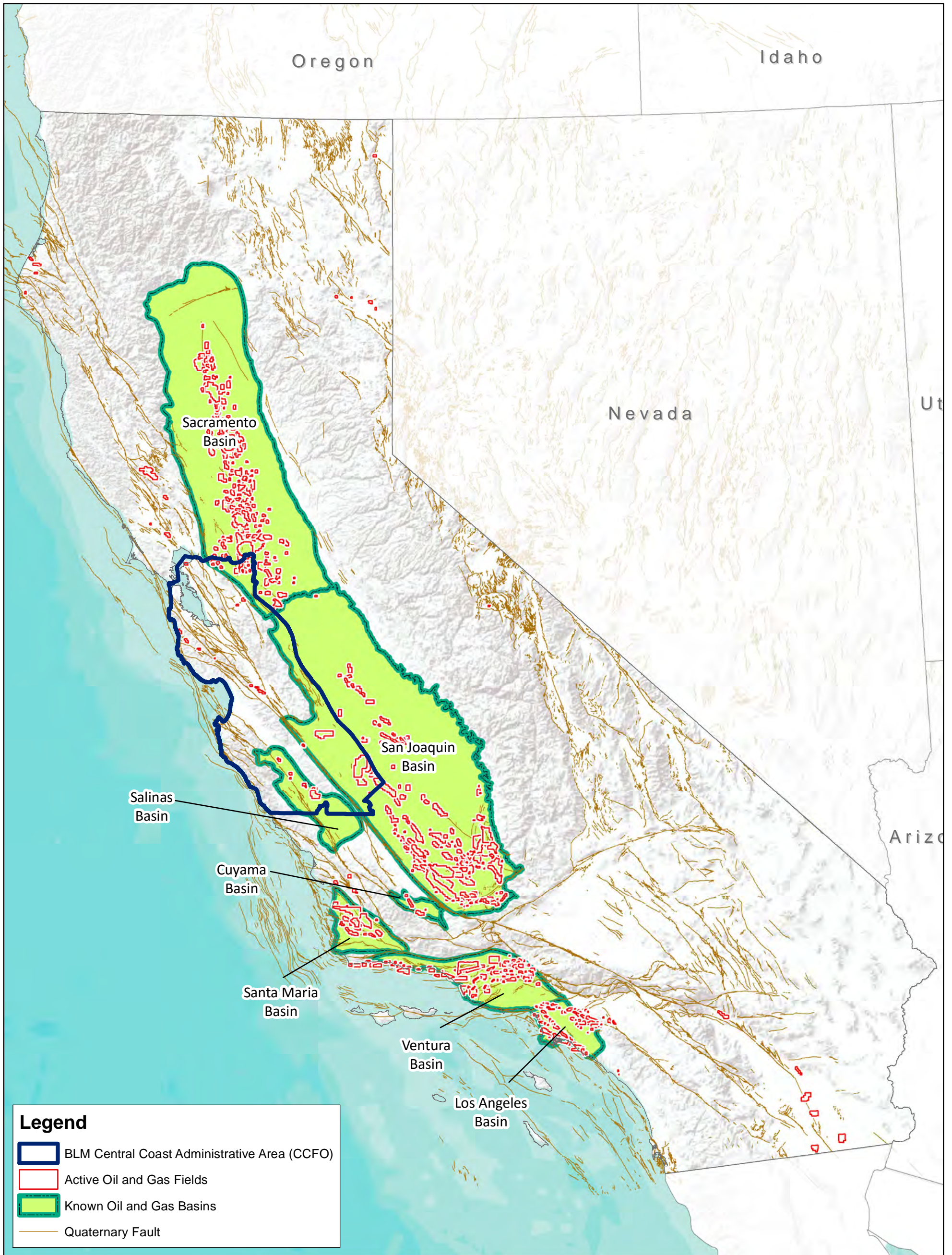


BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

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

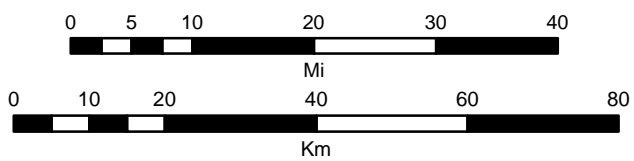
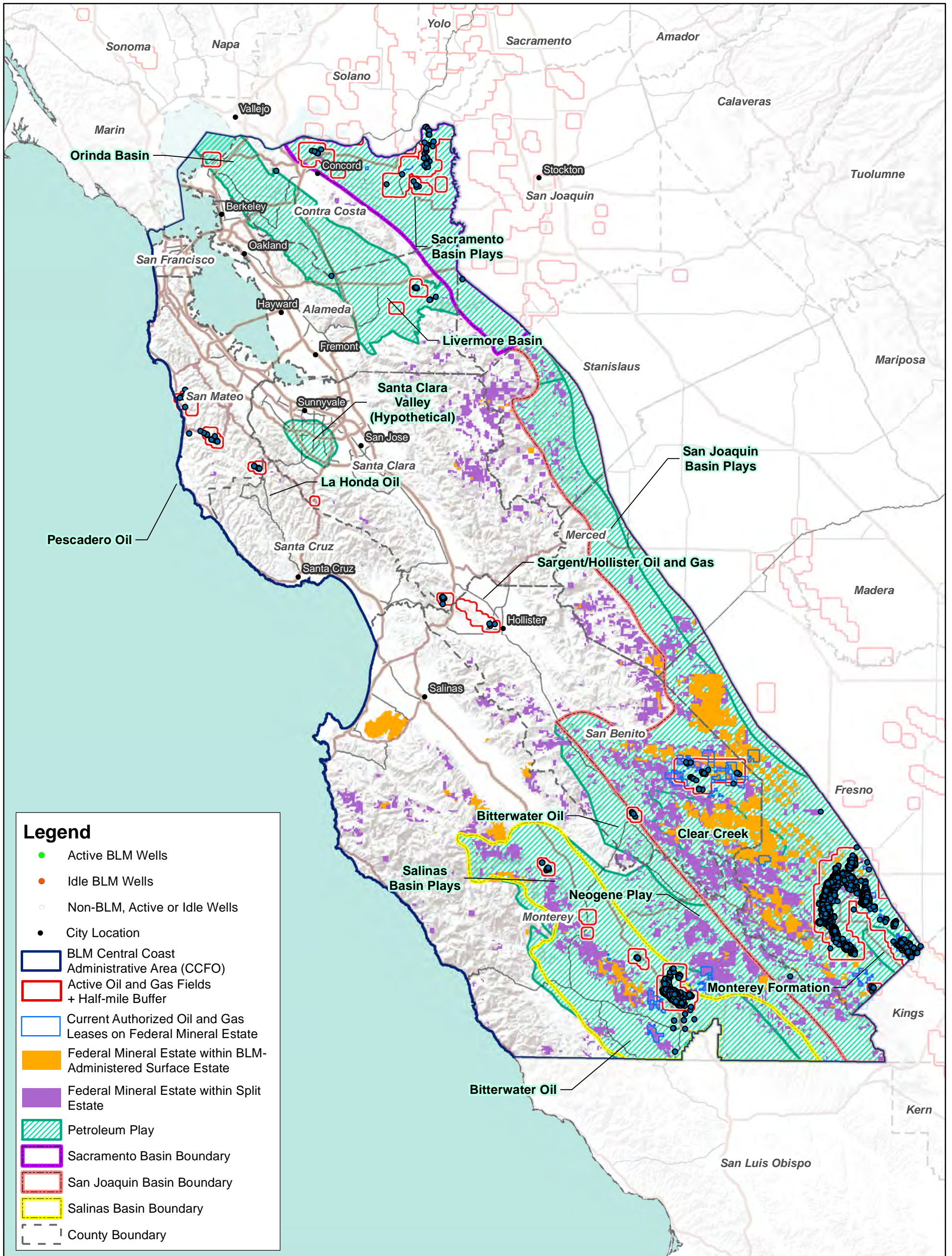


BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Figure 1-2

**Major Sedimentary Basins and
Faults in California**

Date: December 2016



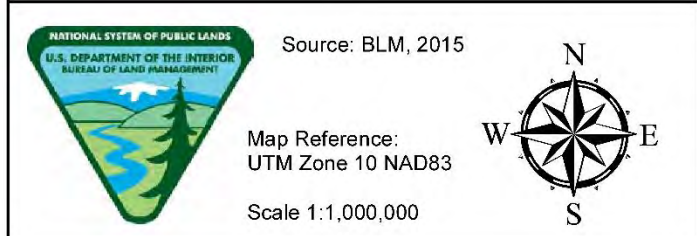
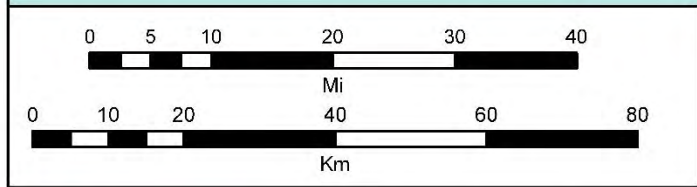
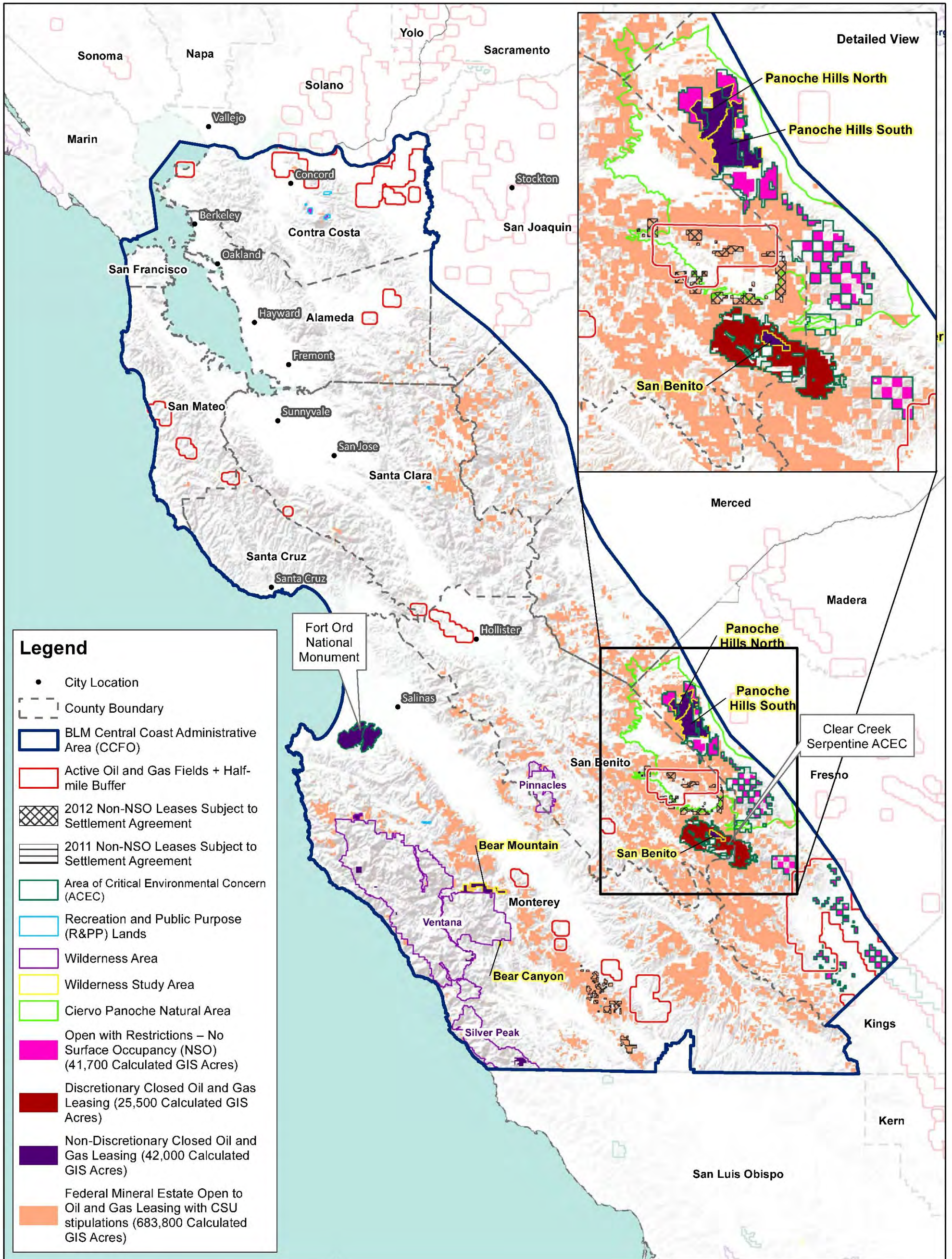
Map Reference:
UTM Zone 10 NAD83
Scale 1:1,000,000



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

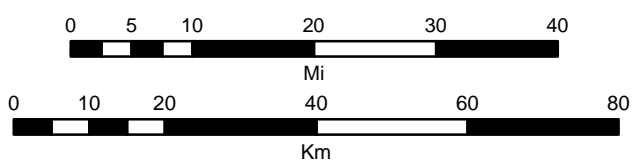
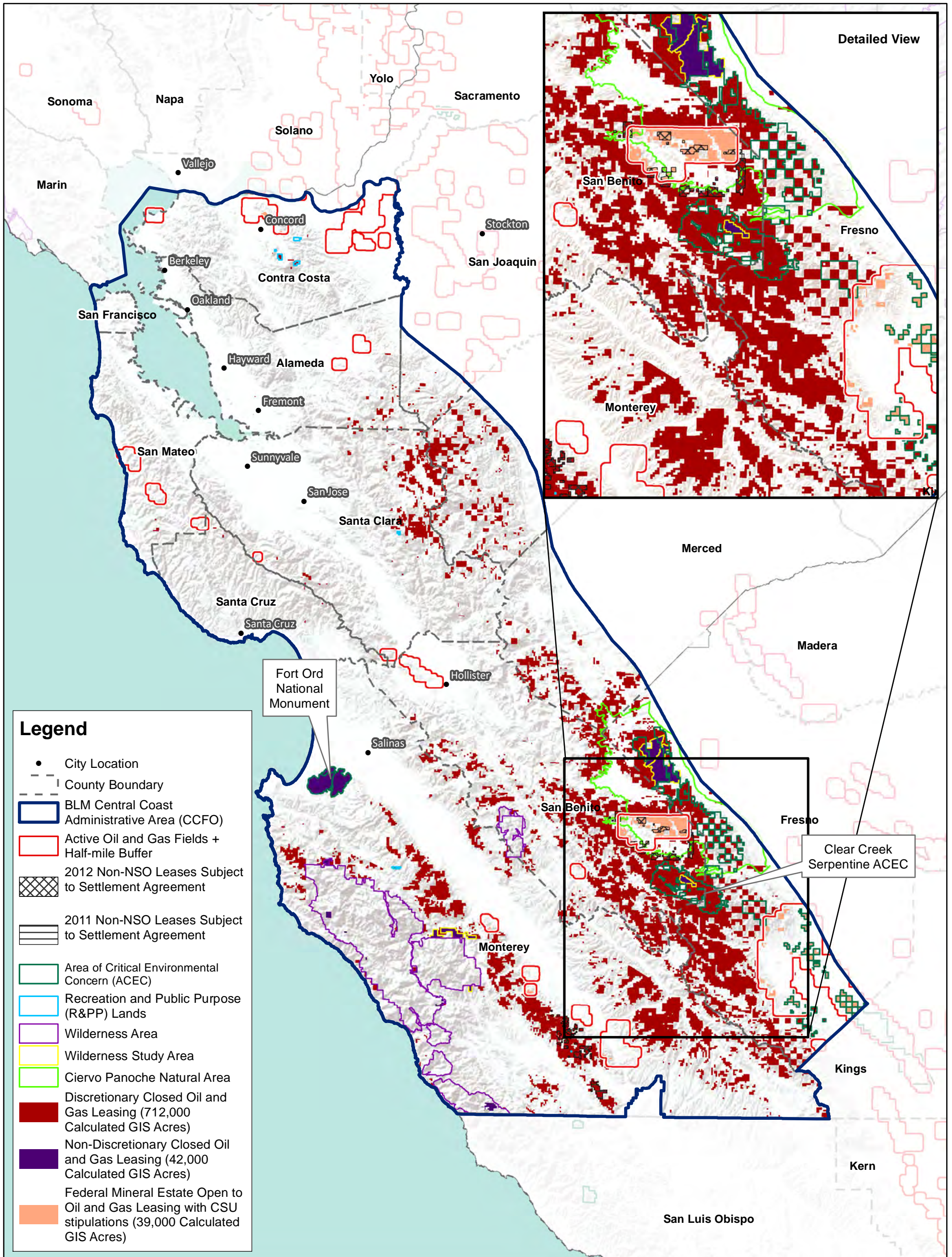
Date: July 2018



BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Figure 2-1
Alternative A
(No Action Alternative)

Date: December 2016



BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Figure 2-2
Alternative B



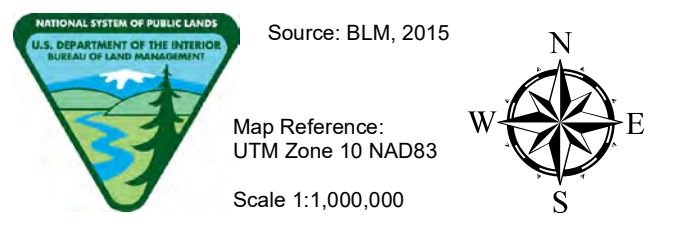
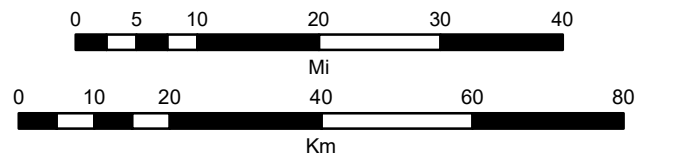
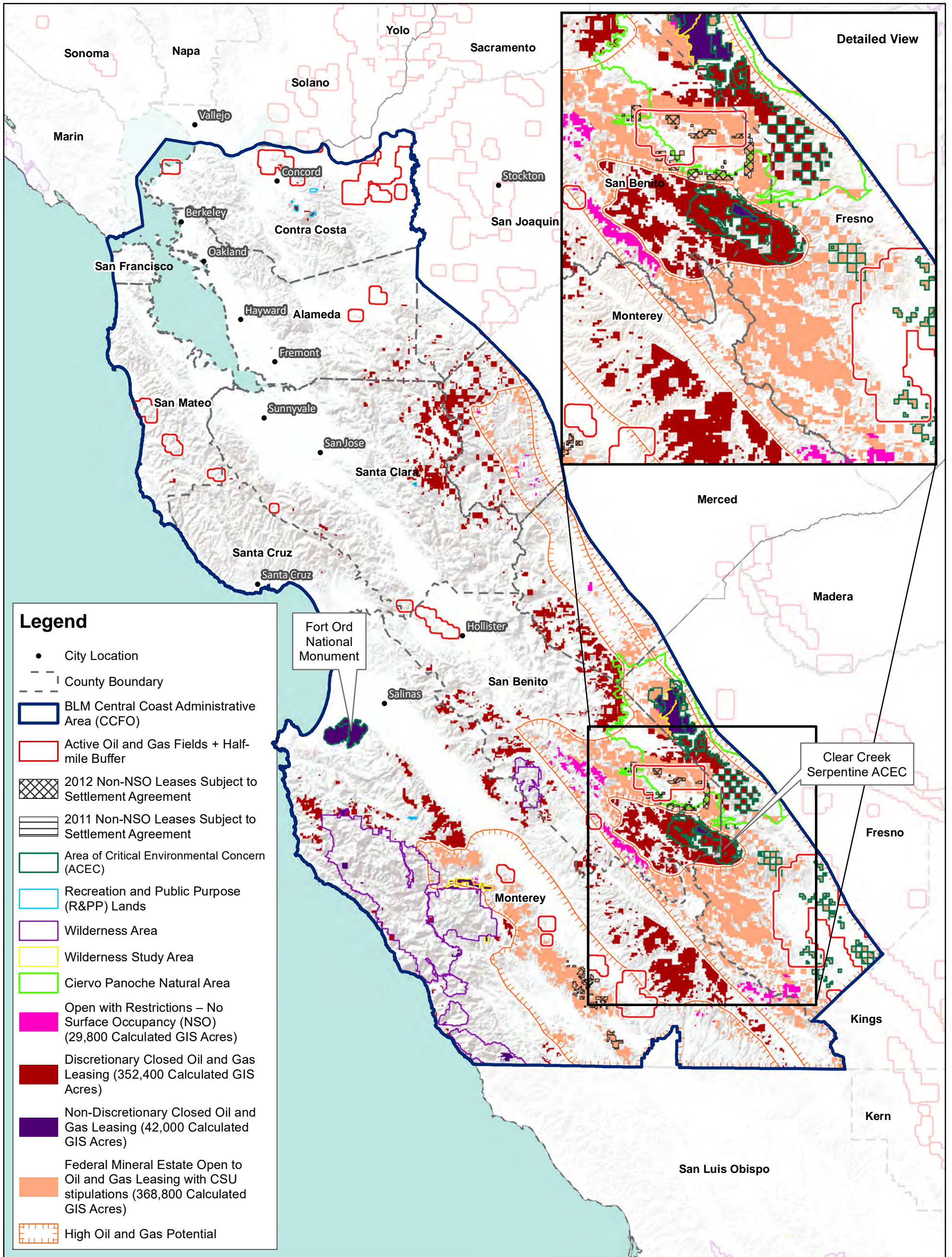
Source: BLM, 2015

Map Reference:
UTM Zone 10 NAD83

Scale 1:1,000,000



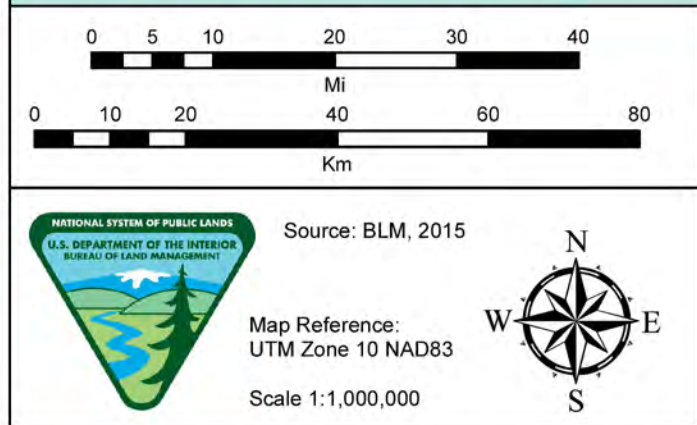
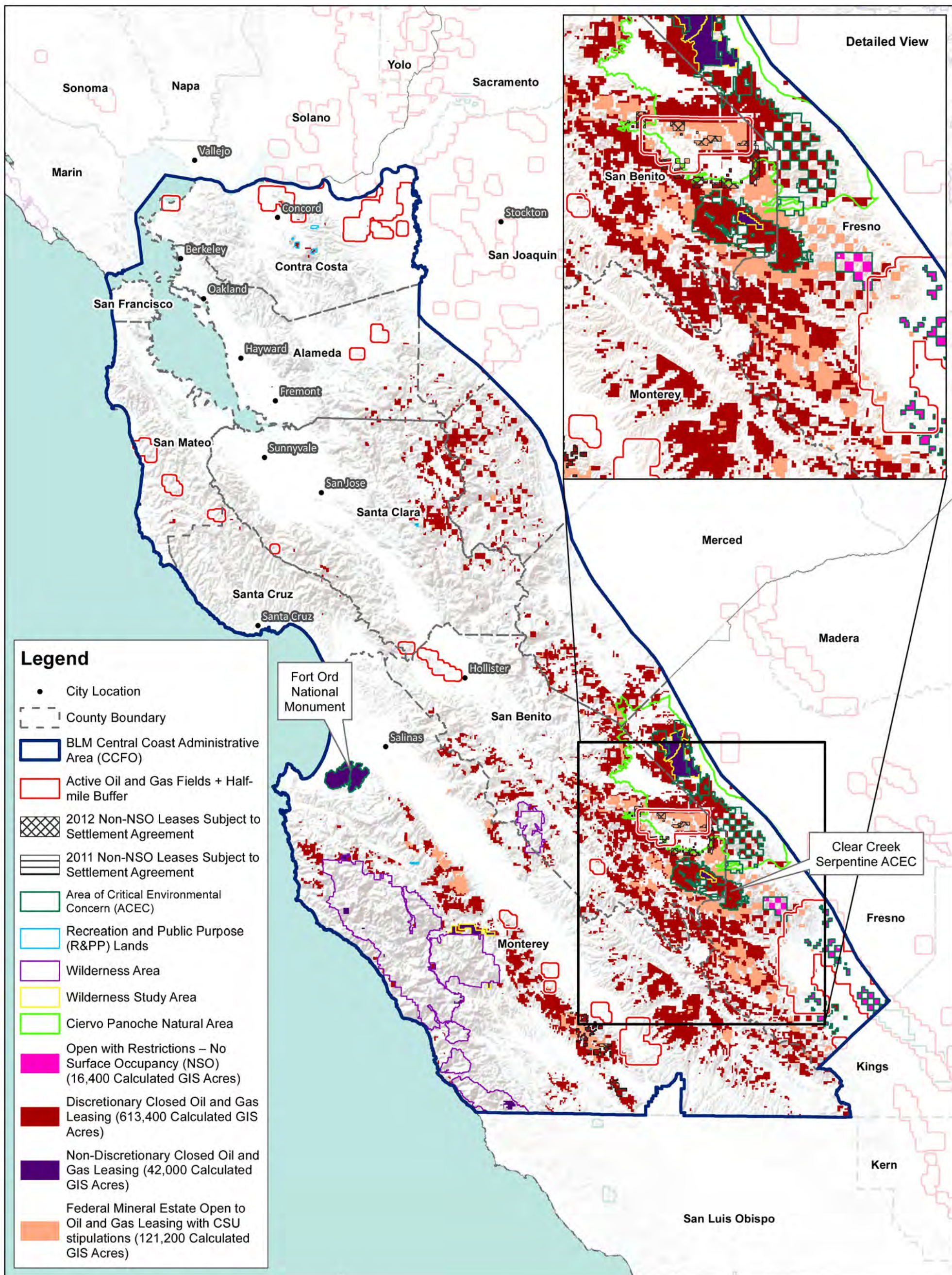
Date: December 2016



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CENTRAL COAST FIELD OFFICE

Figure 2-3
Alternative C

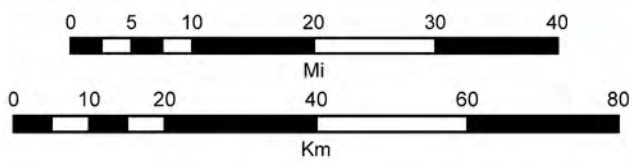
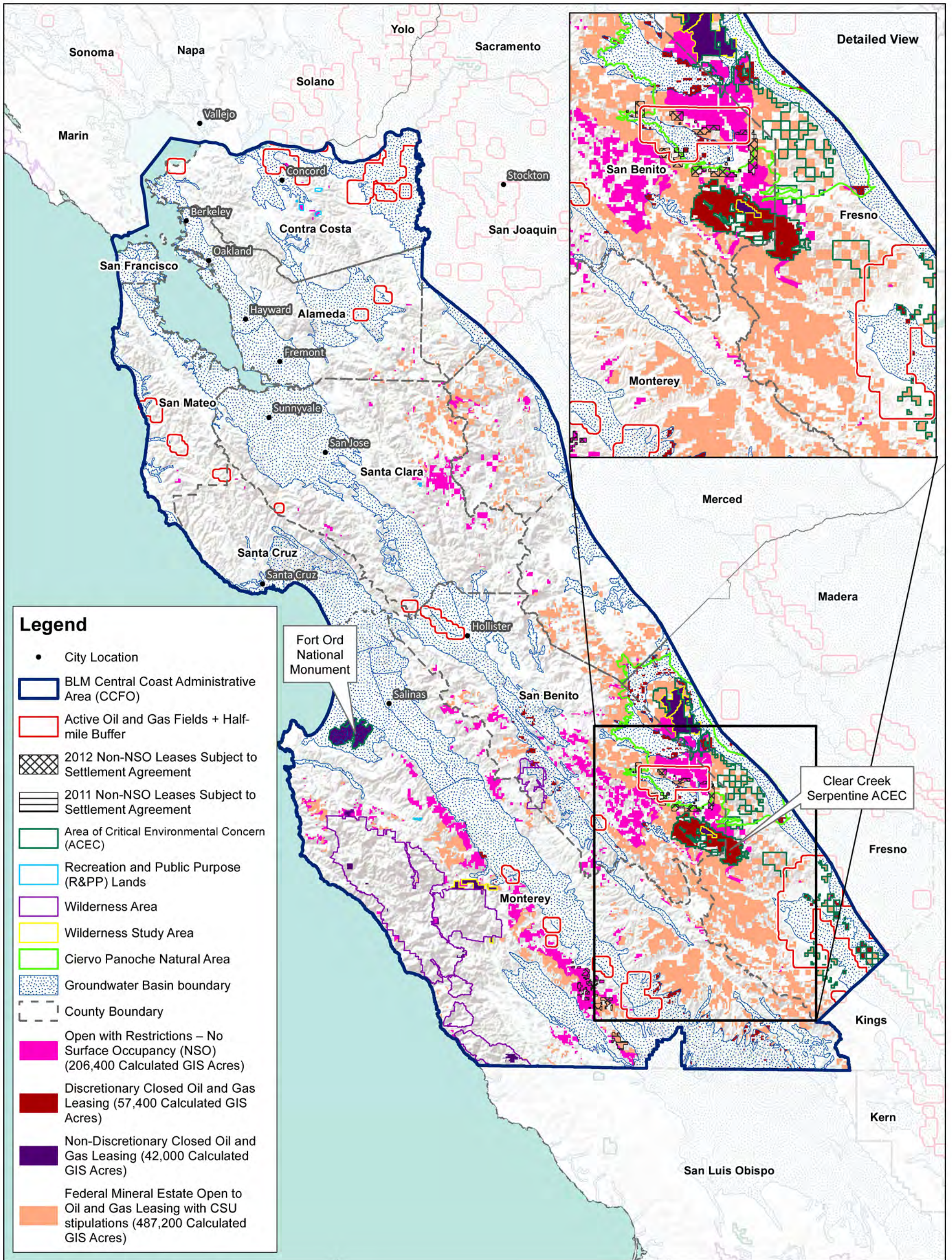
Date: July 2018



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CENTRAL COAST FIELD OFFICE

Figure 2-4
Alternative D

Date: May 2018



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CENTRAL COAST FIELD OFFICE

Figure 2-5
Alternative E



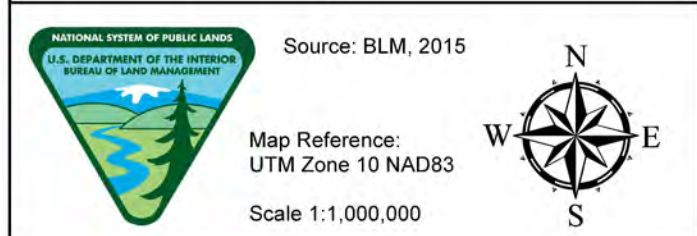
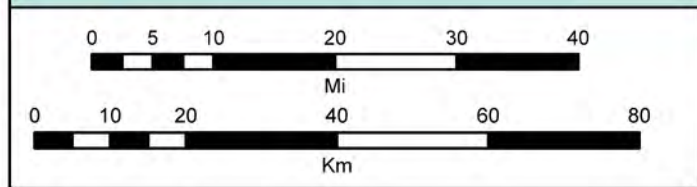
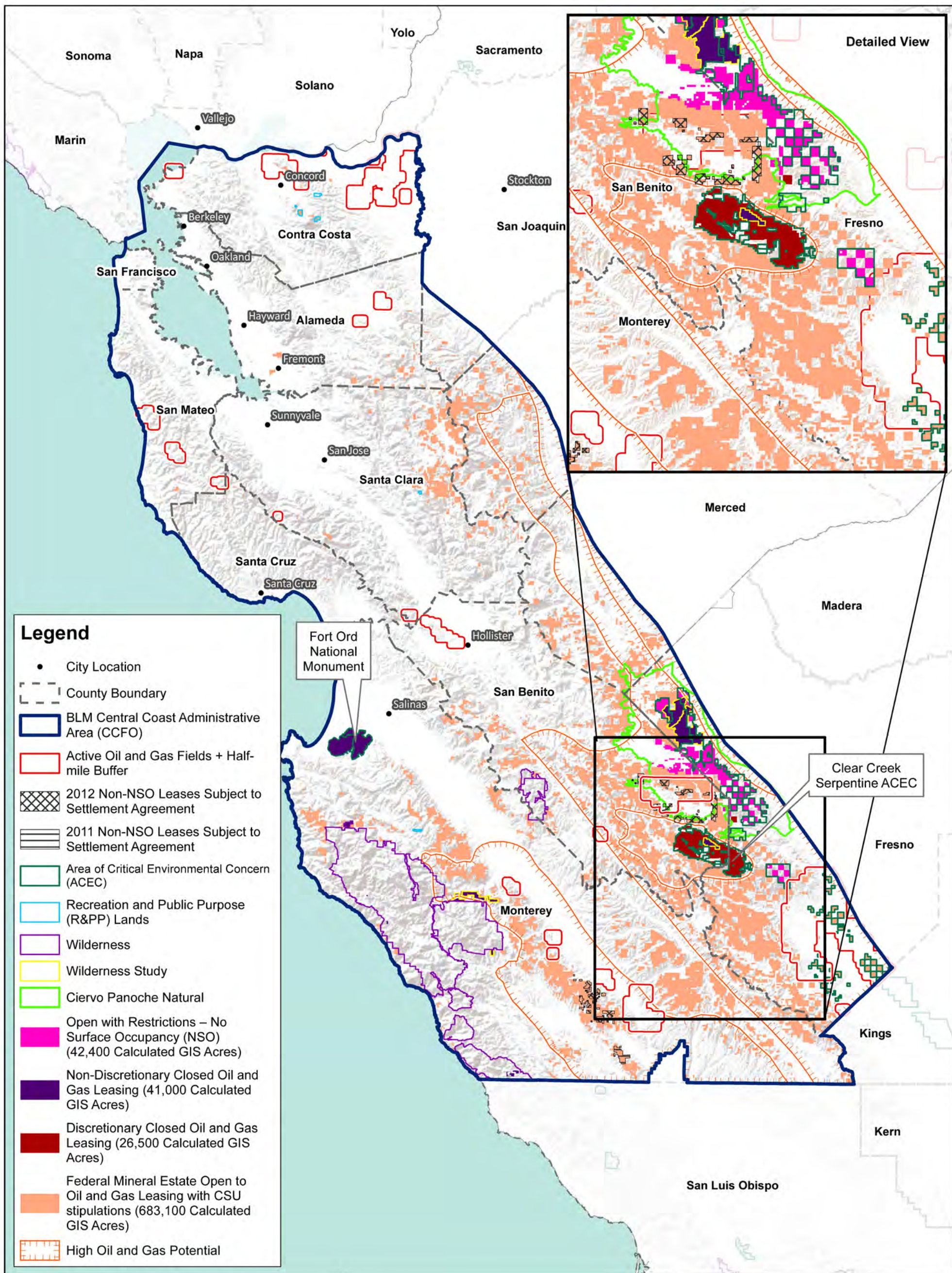
Source: BLM, 2015

Map Reference:
UTM Zone 10 NAD83

Scale 1:1,000,000



Date: May 2018

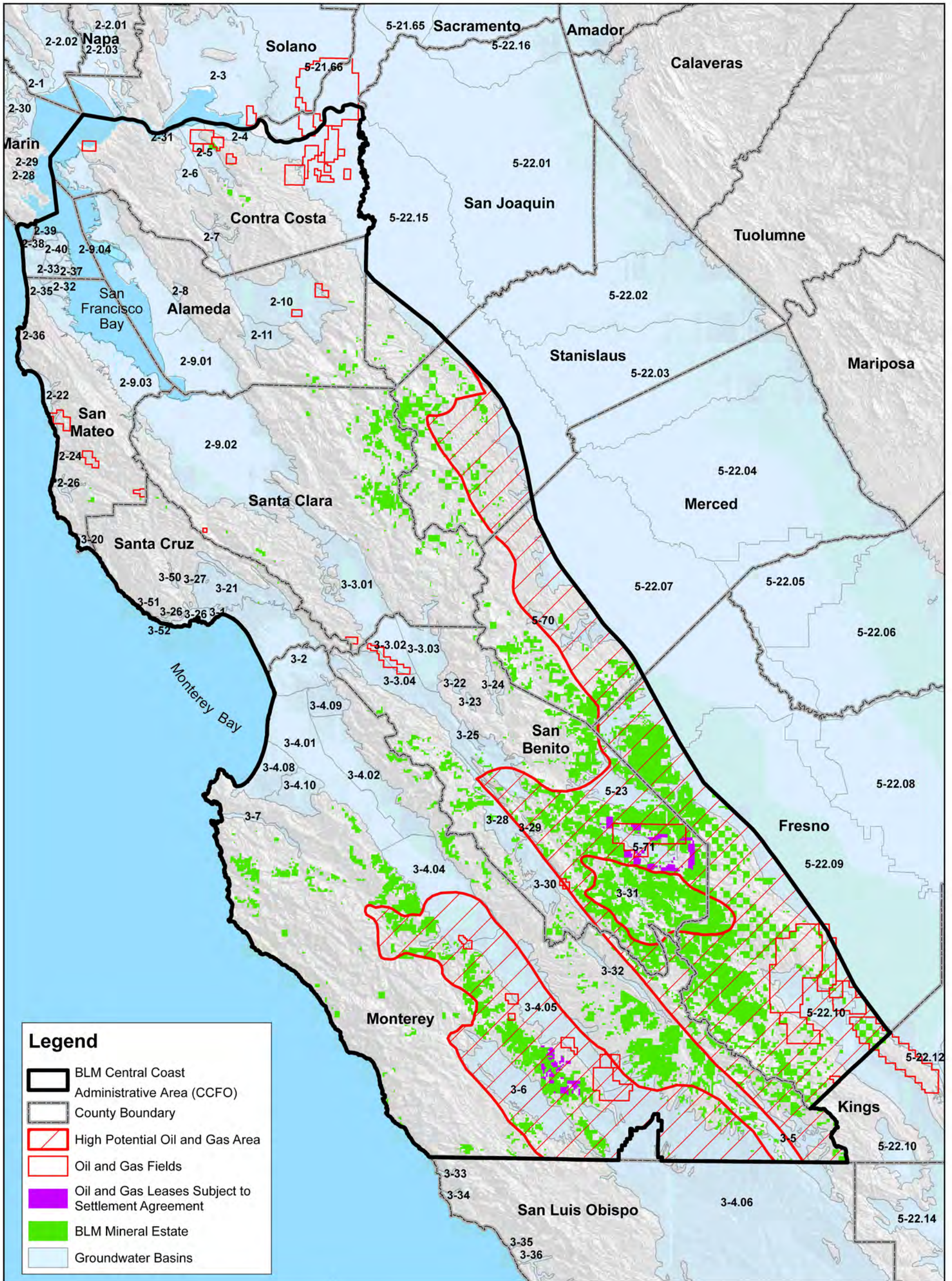


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CENTRAL COAST FIELD OFFICE

Figure 2-6

Alternative F

Date: February 2019



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CENTRAL COAST FIELD OFFICE

Figure 3.7-1

CCFO Planning Area and Groundwater Basins



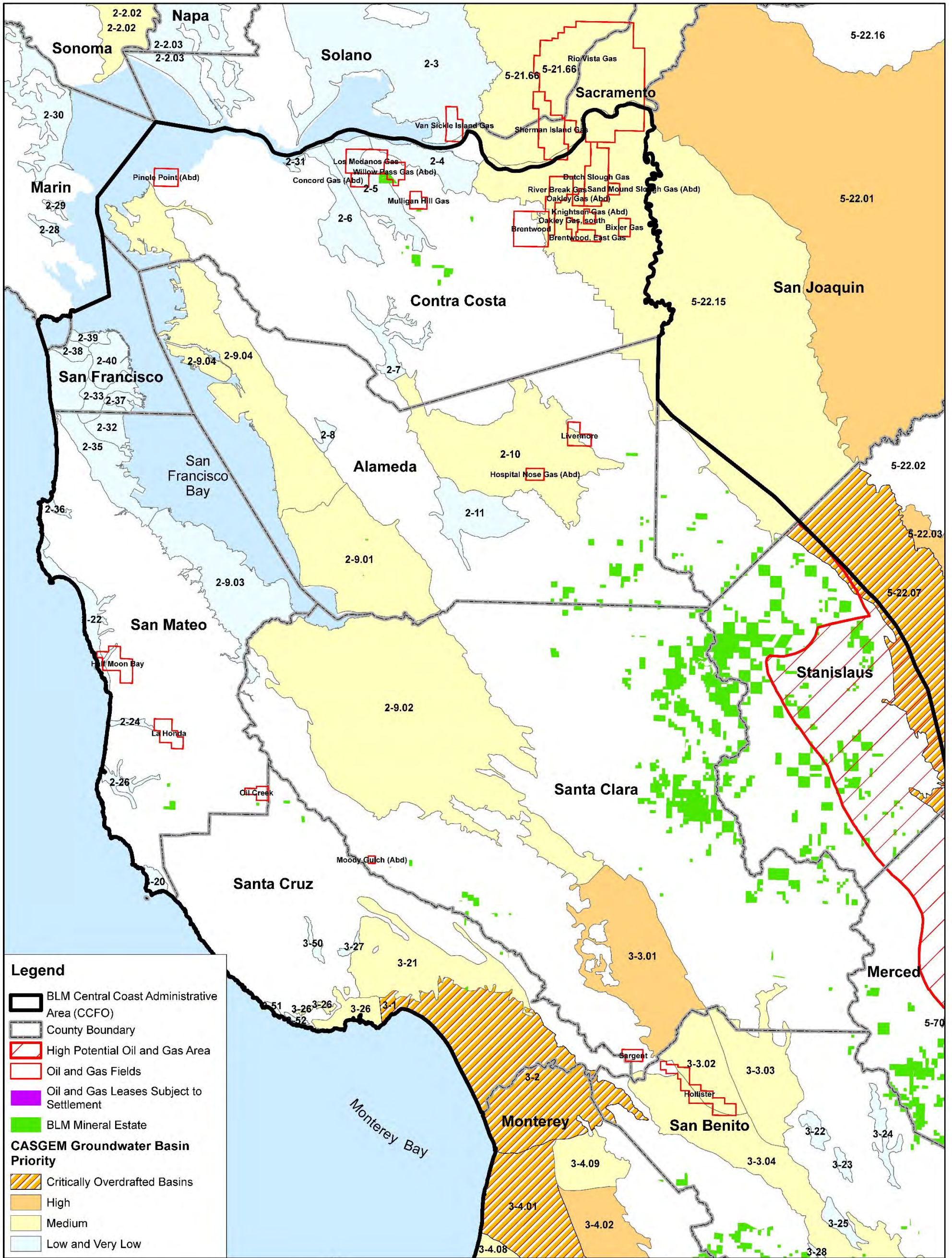
Source: BLM, 2015

Map Reference:
UTM Zone 10 NAD83

Scale 1:887,000



Date: December 2016



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

Source: BLM, 2015

Map Reference: UTM Zone 10 NAD83

Scale 1:500,000

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CENTRAL COAST FIELD OFFICE

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

Date: December 2016

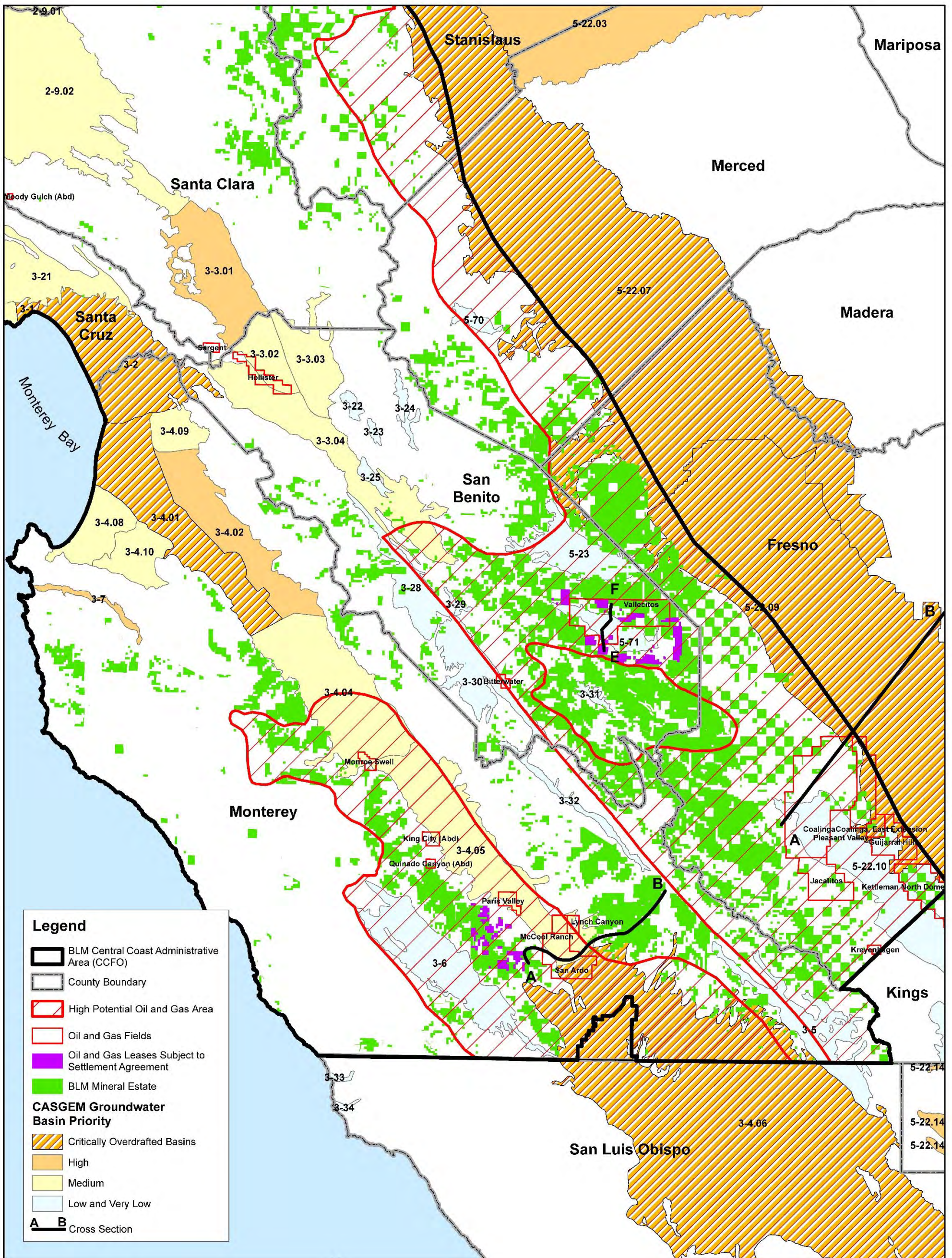


Figure 3.7-3

BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

Southern CCFO Planning Area
and Priority Groundwater Basins

Date: December 2016



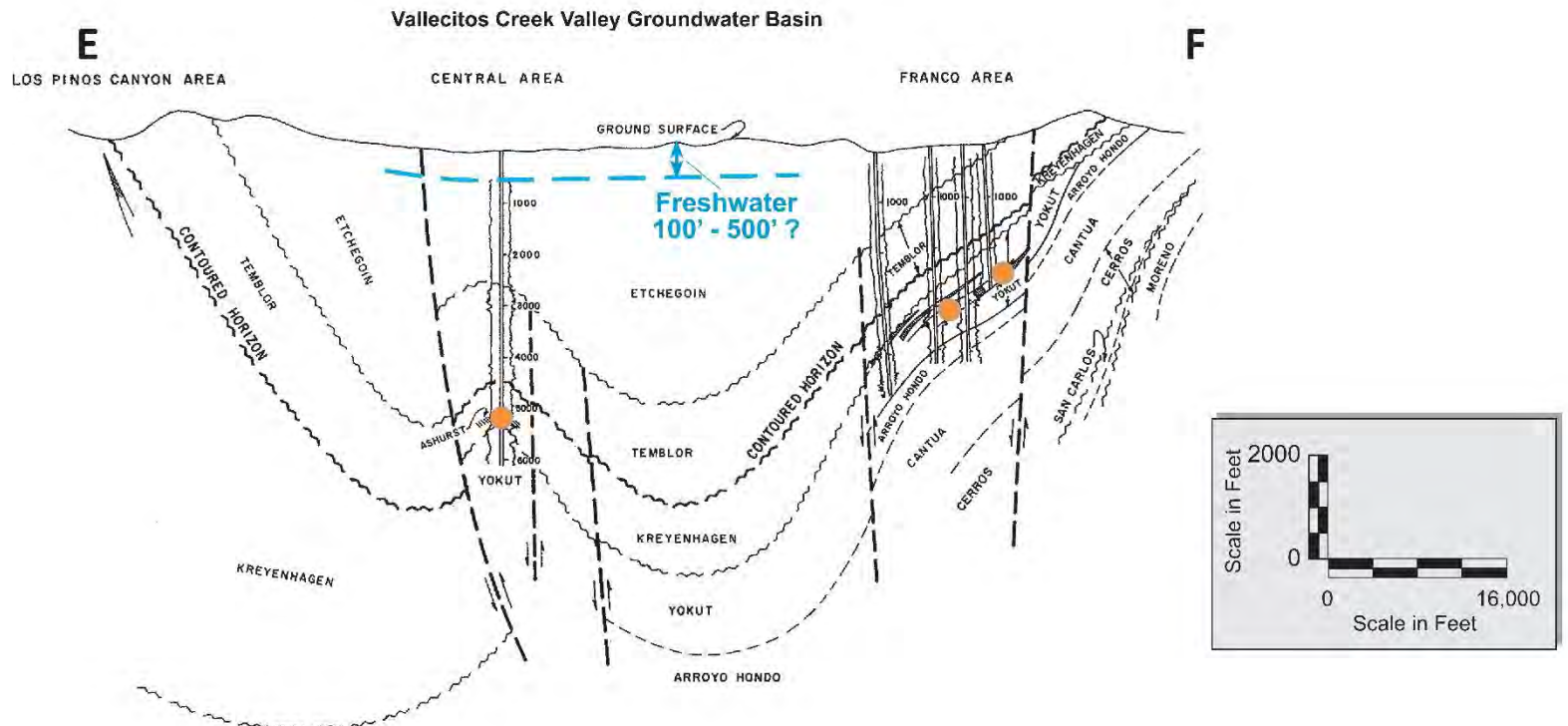
Source: BLM, 2015

Map Reference:
UTM Zone 10 NAD83

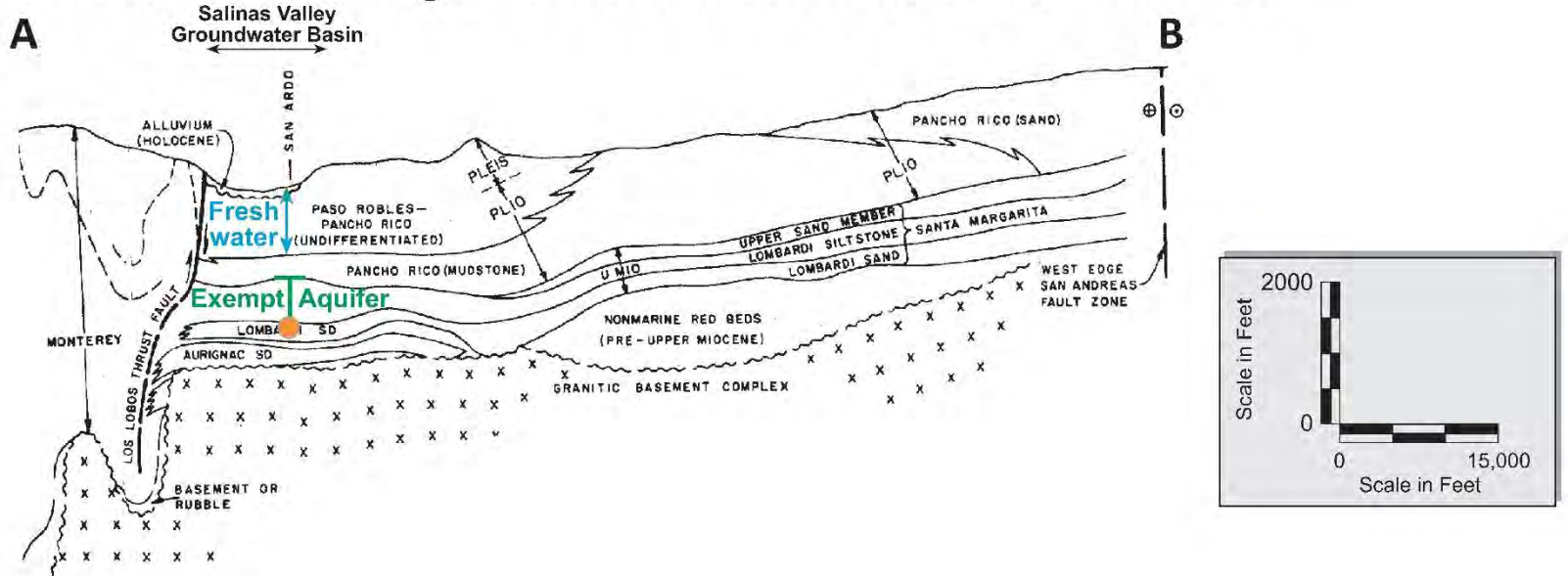
Scale 1:650,000



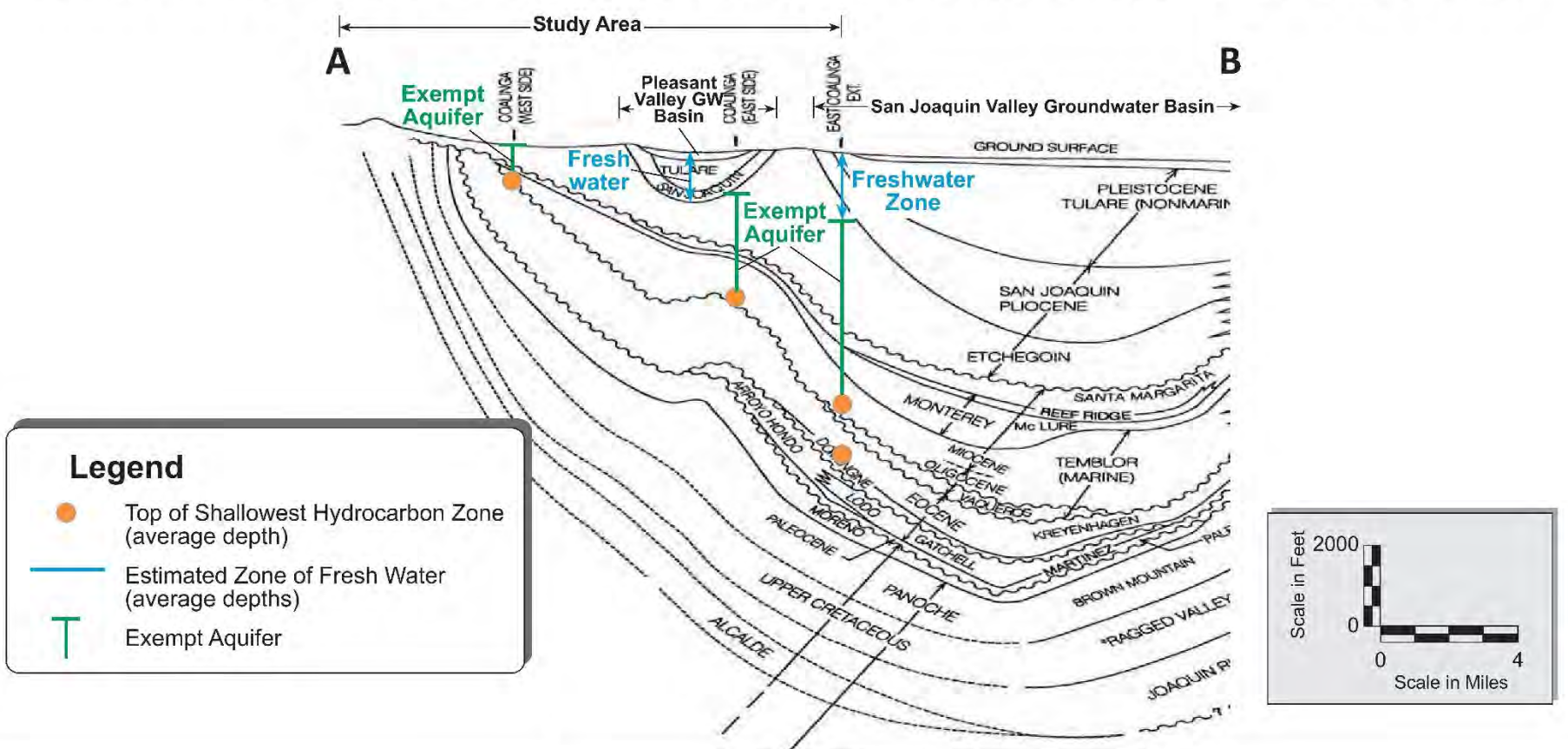
Vallecitos Oil Field - Southeastern CCFO Area



Salinas Valley - Southwestern CCFO Area



West Side San Joaquin Valley - Southeastern CCFO Area



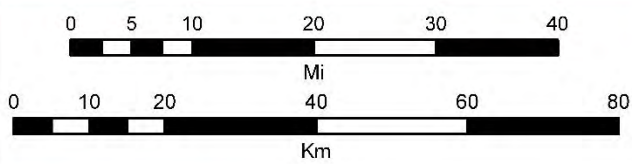
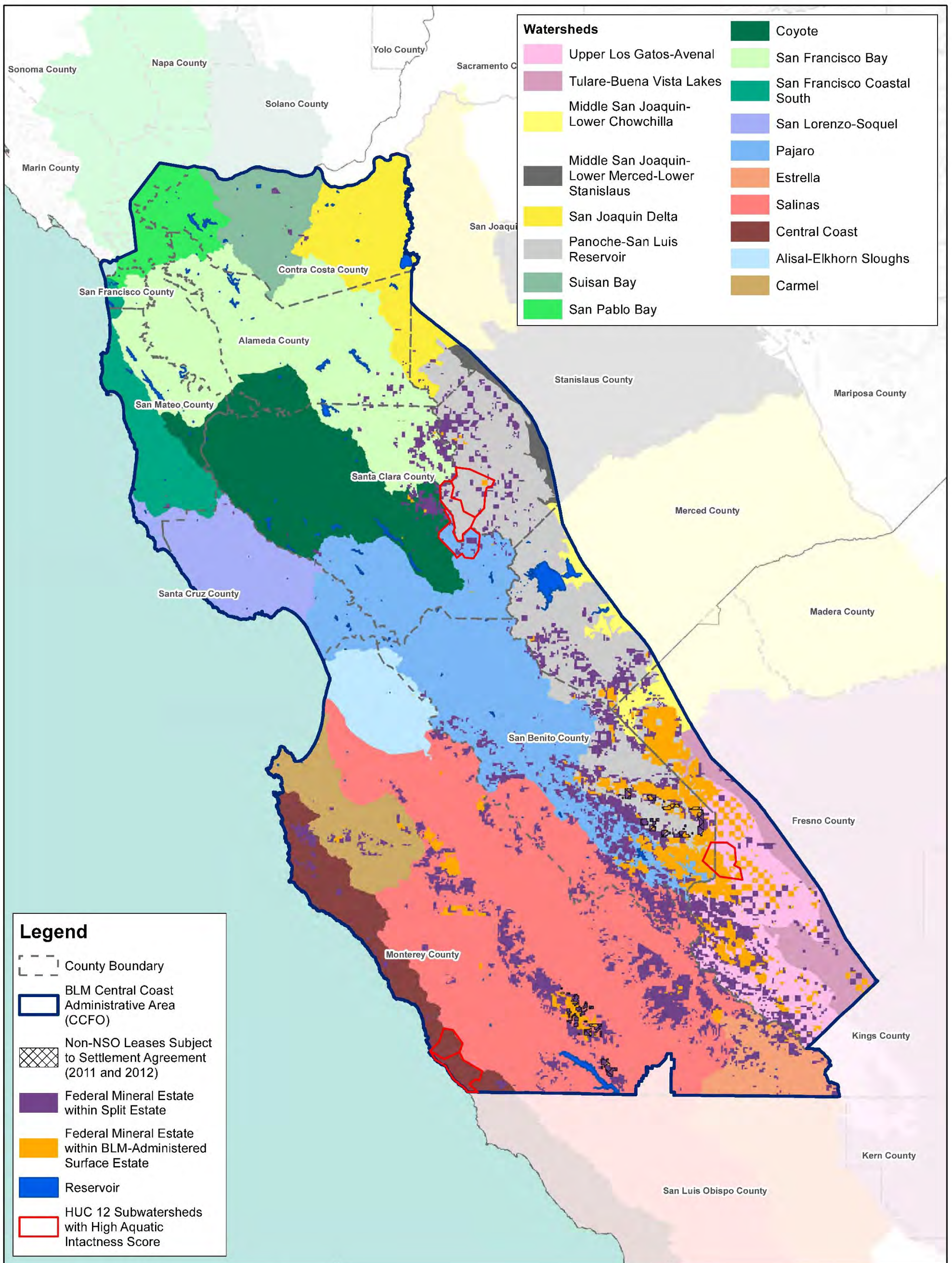
BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

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

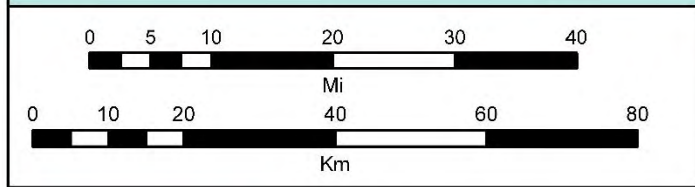
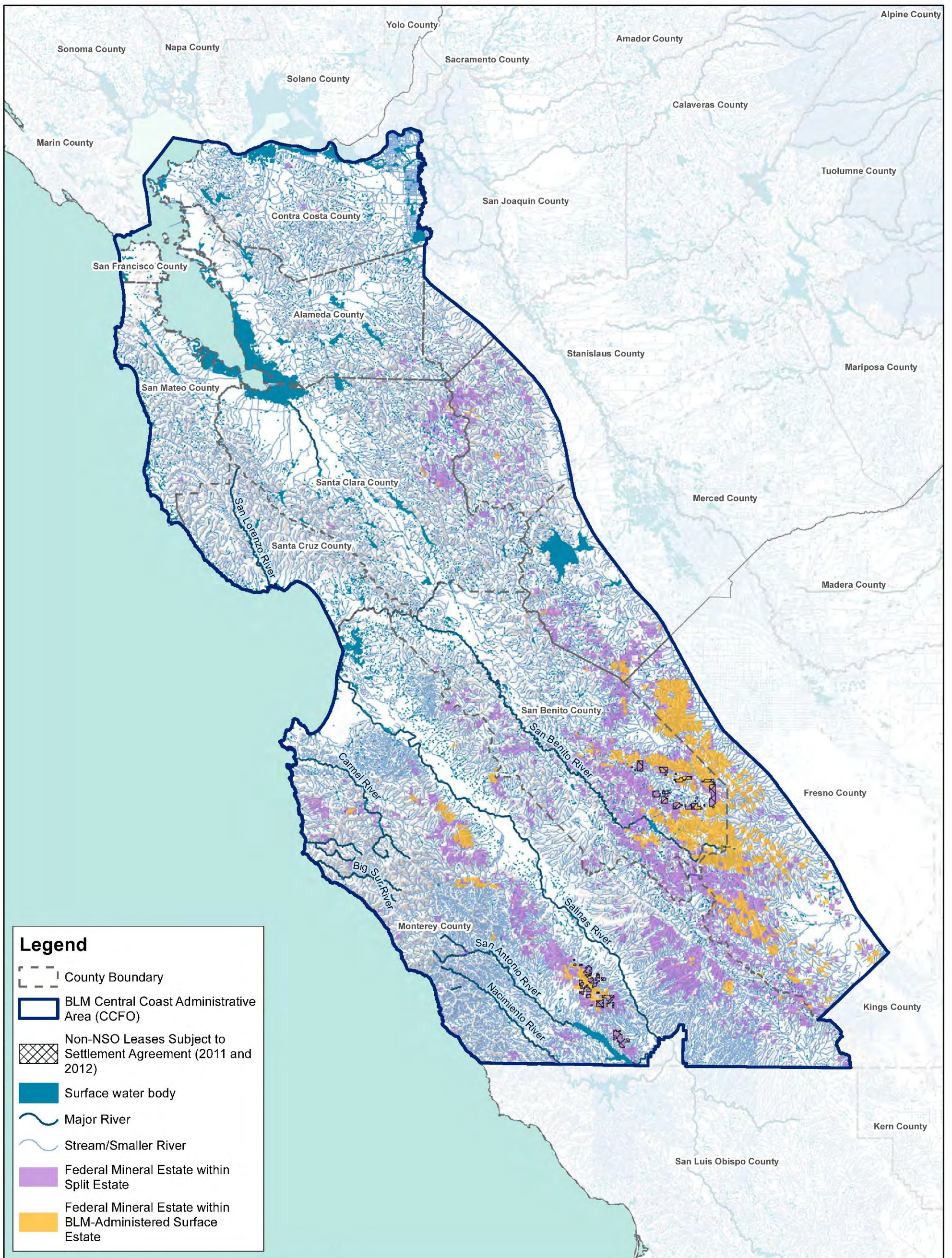


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CENTRAL COAST FIELD OFFICE

Figure 3.8-1

Watersheds and Reservoirs

Date: December 2016



Source: BLM, 2015

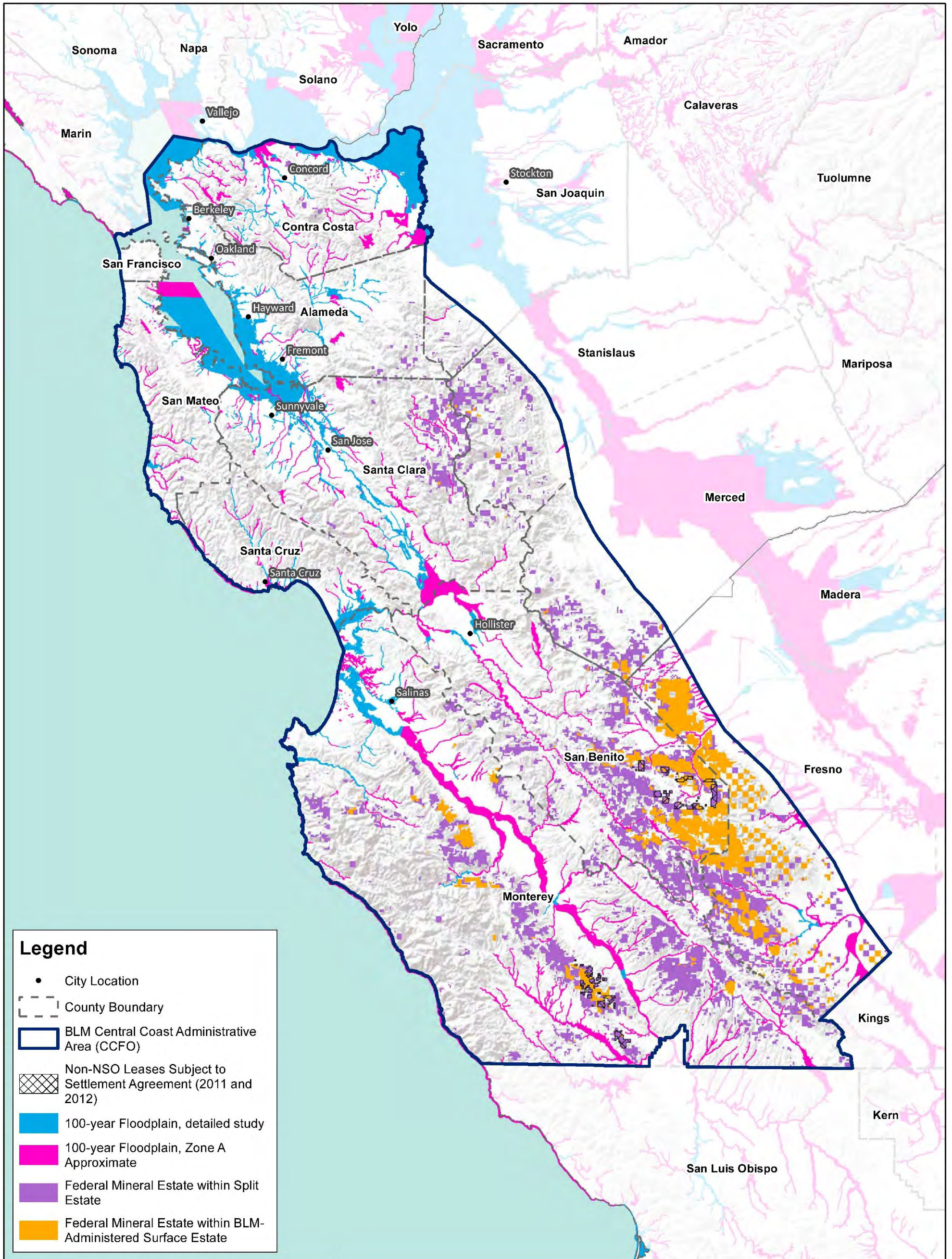
Map Reference:
UTM Zone 10 NAD83

Scale 1:1,000,000

BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

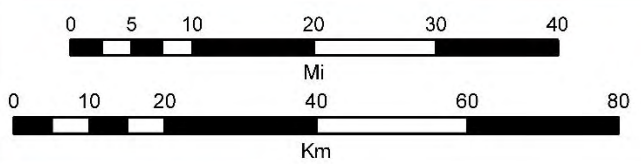
Figure 3.8-2
Surface Waters

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



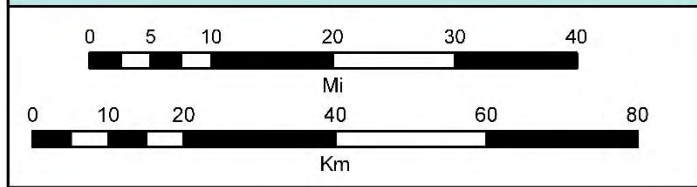
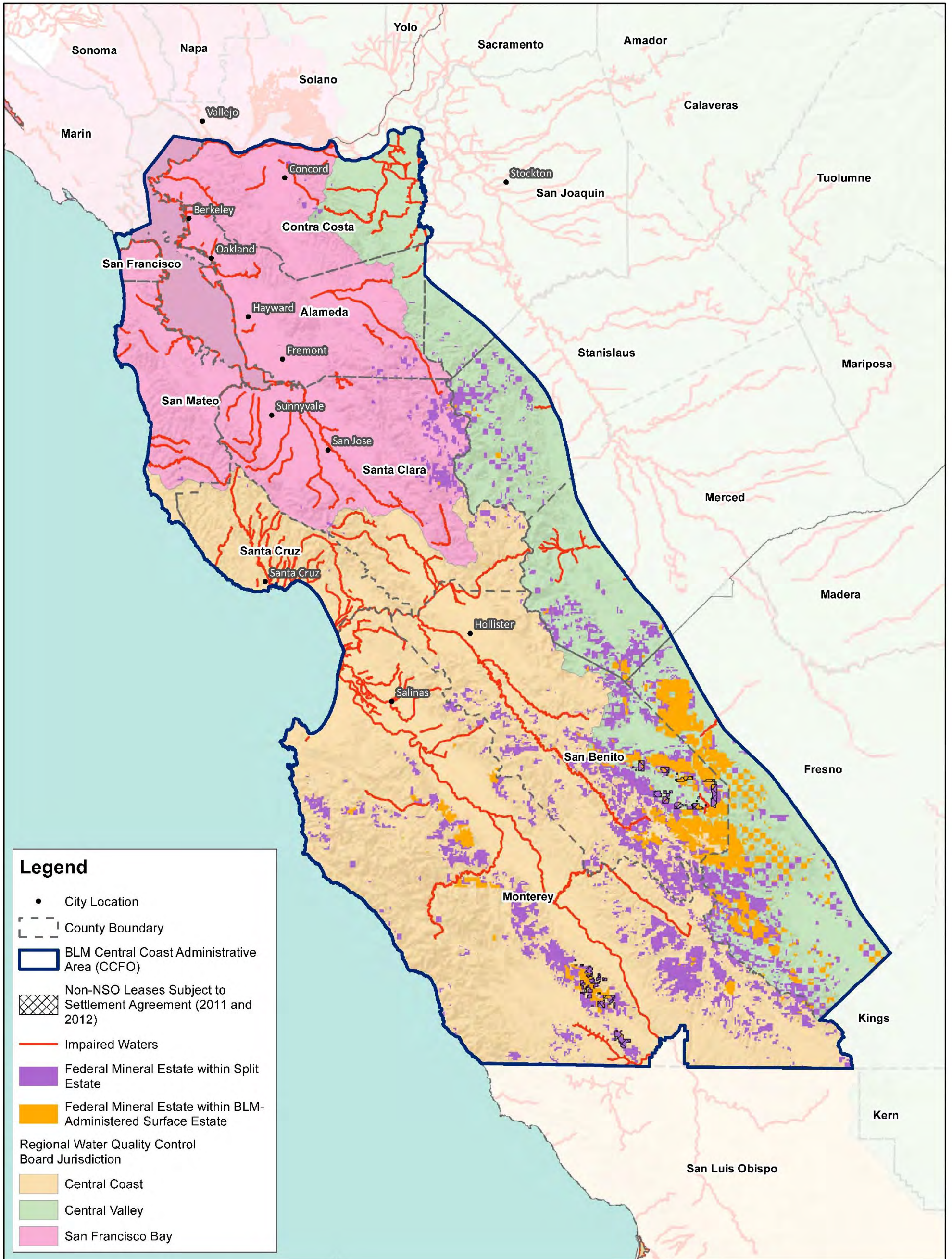
Source: BLM, 2015
 Map Reference:
 UTM Zone 10 NAD83
 Scale 1:1,000,000



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Figure 3.8-3
Floodplains

Date: December 2016



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BUREAU OF LAND MANAGEMENT

Source: BLM, 2015

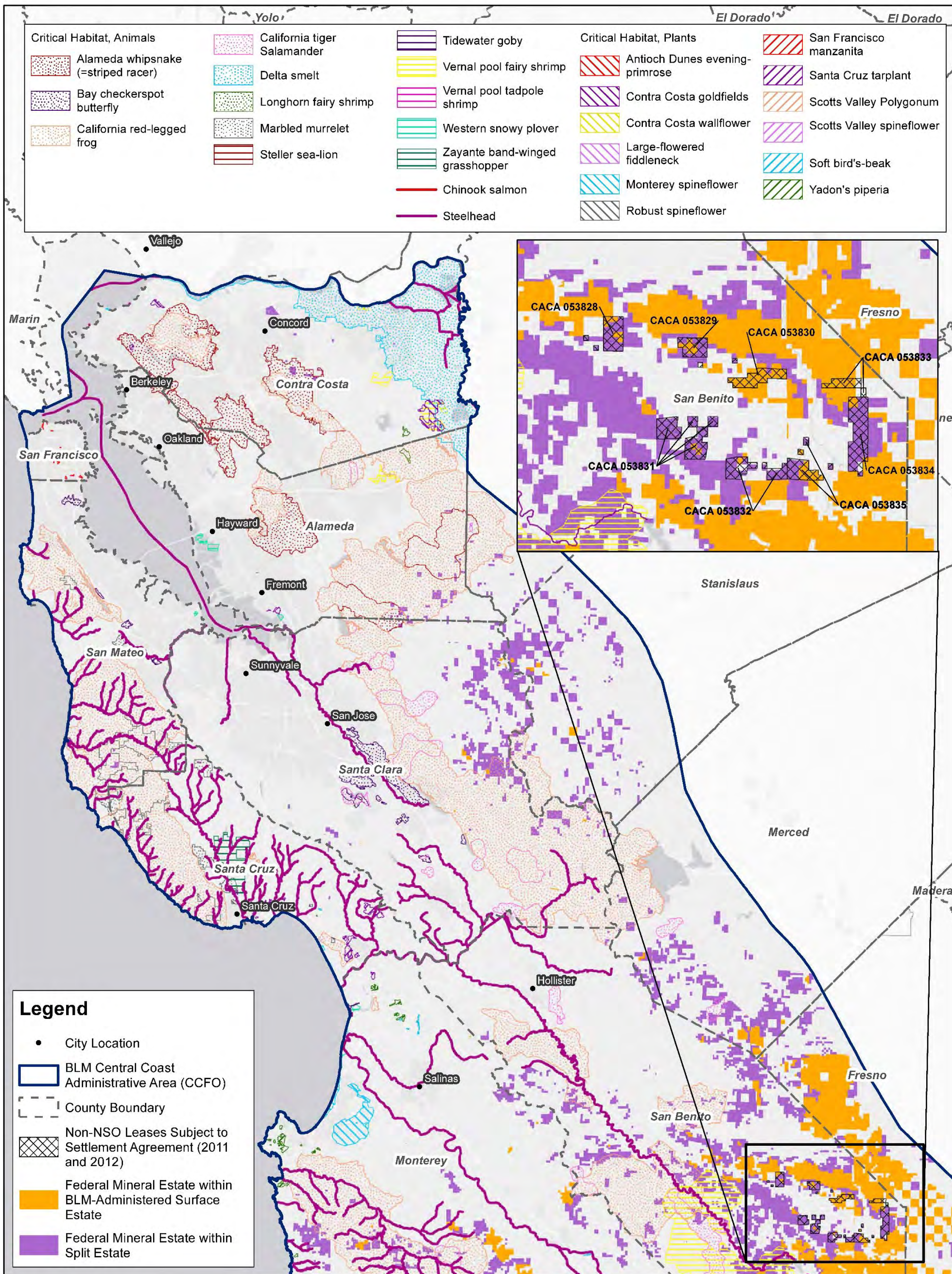
Map Reference:
UTM Zone 10 NAD83

Scale 1:1,000,000

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CENTRAL COAST FIELD OFFICE

Figure 3.8-4
Impaired Waters

Date: December 2016

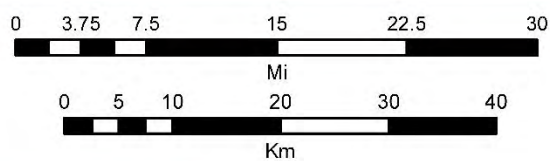
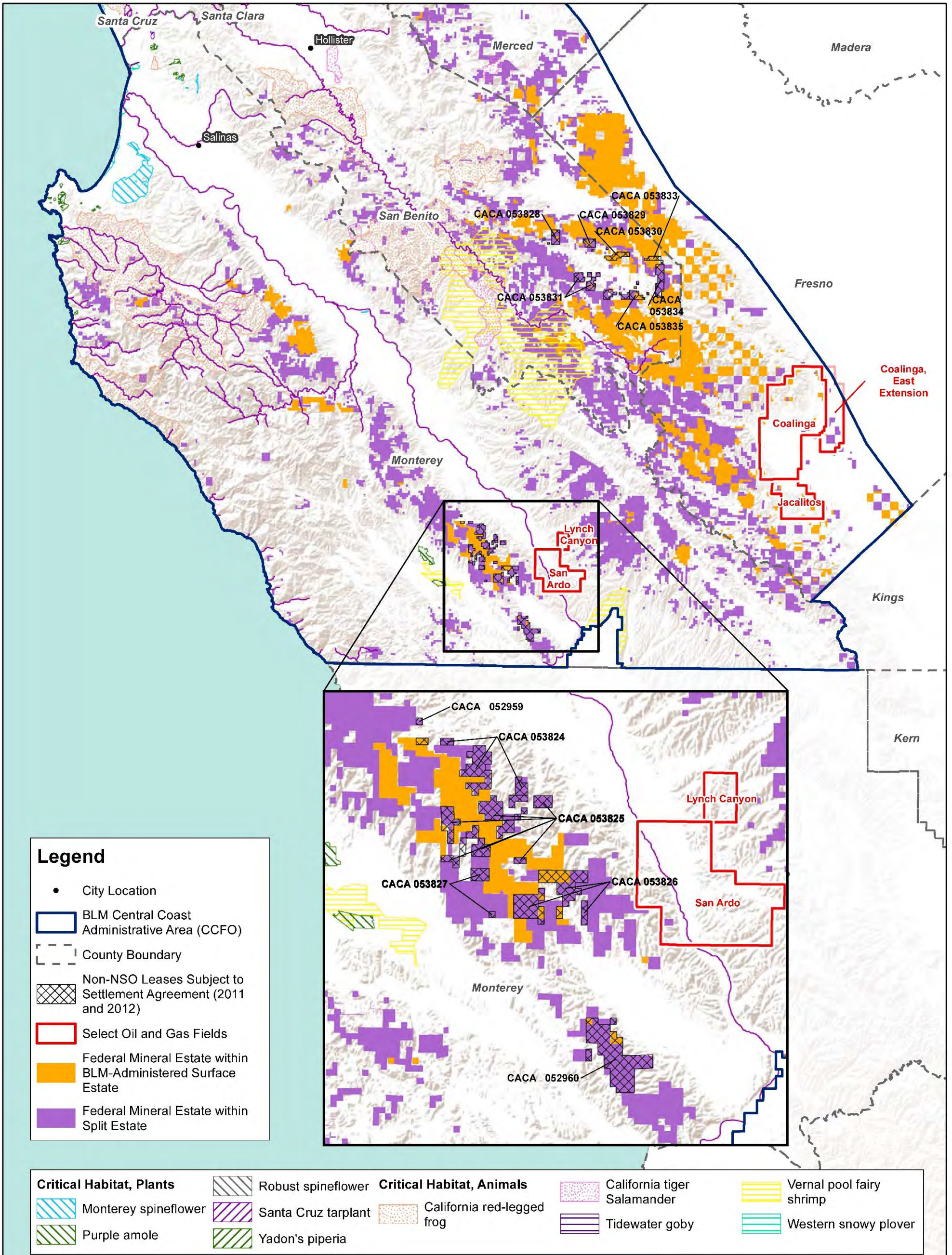


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Figure 3.12-1a

Designated Critical Habitat
Northern Section

Date: December 2016



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CENTRAL COAST FIELD OFFICE

Figure 3.12-1b

Designated Critical Habitat
Southern Section



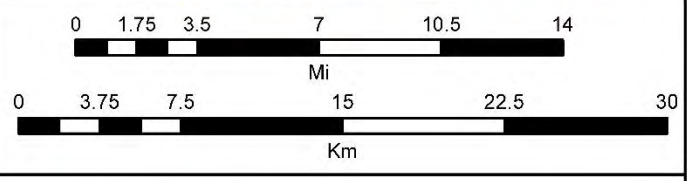
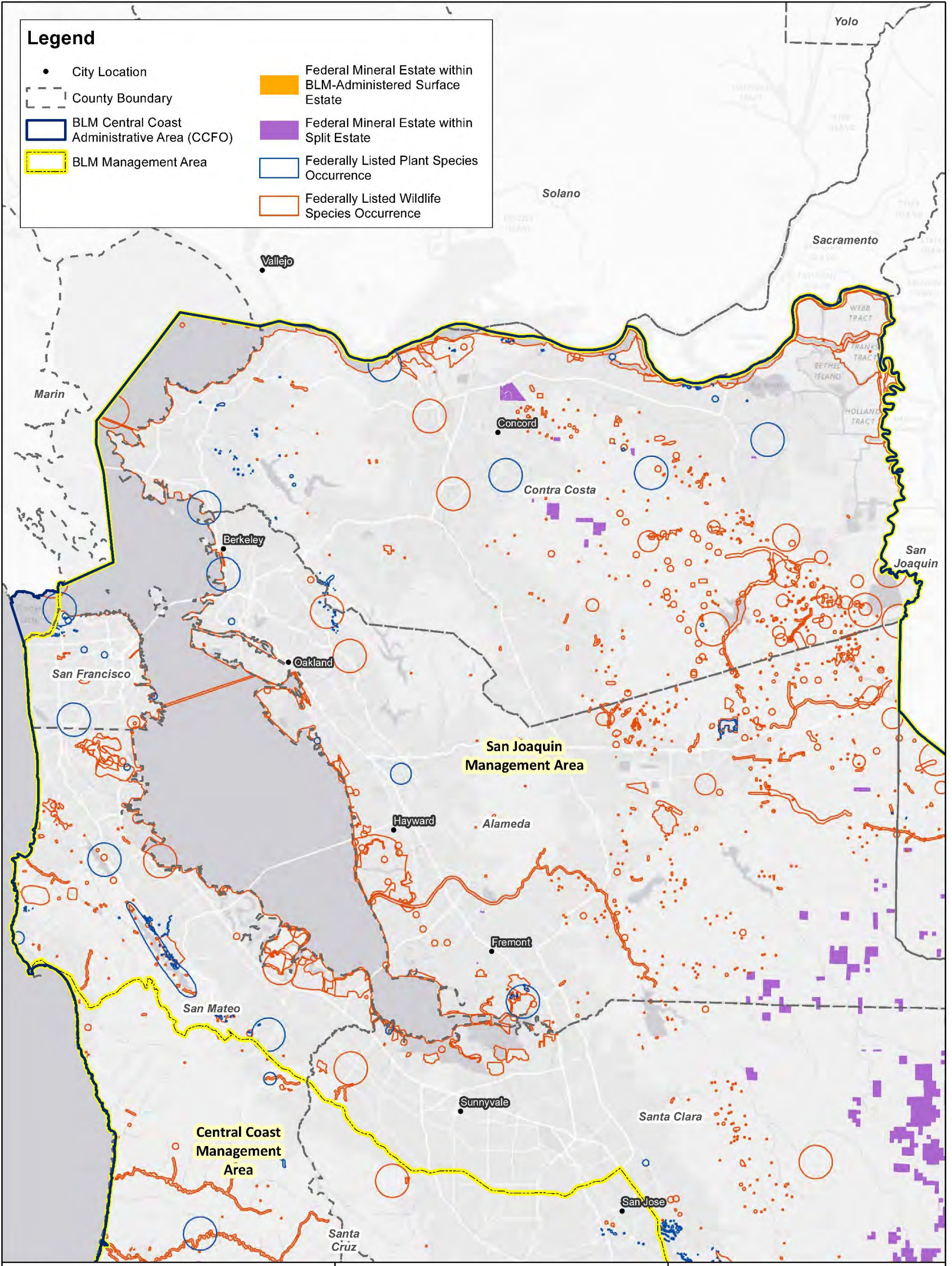
Map Reference:
UTM Zone 10 NAD83
Scale 1:700,000



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



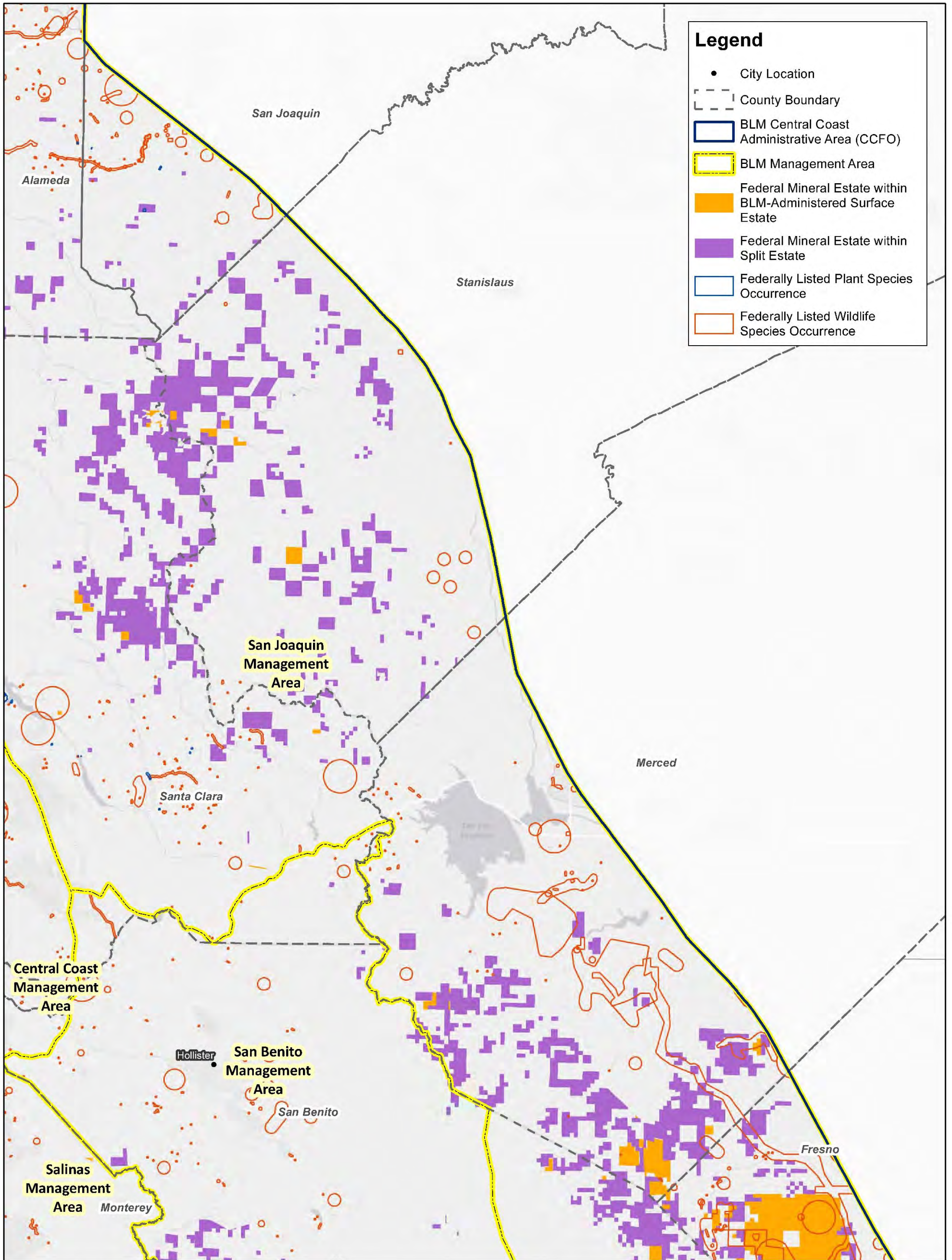
Map Reference:
UTM Zone 10 NAD83
Scale 1:350,000

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CENTRAL COAST FIELD OFFICE

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

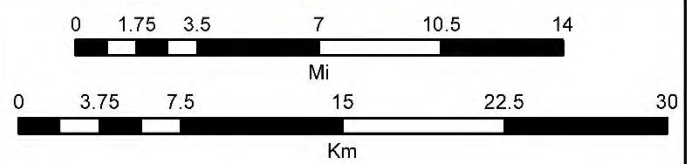
Figure 3.12-2a
Federally Listed Species Occurrences
Page 1

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



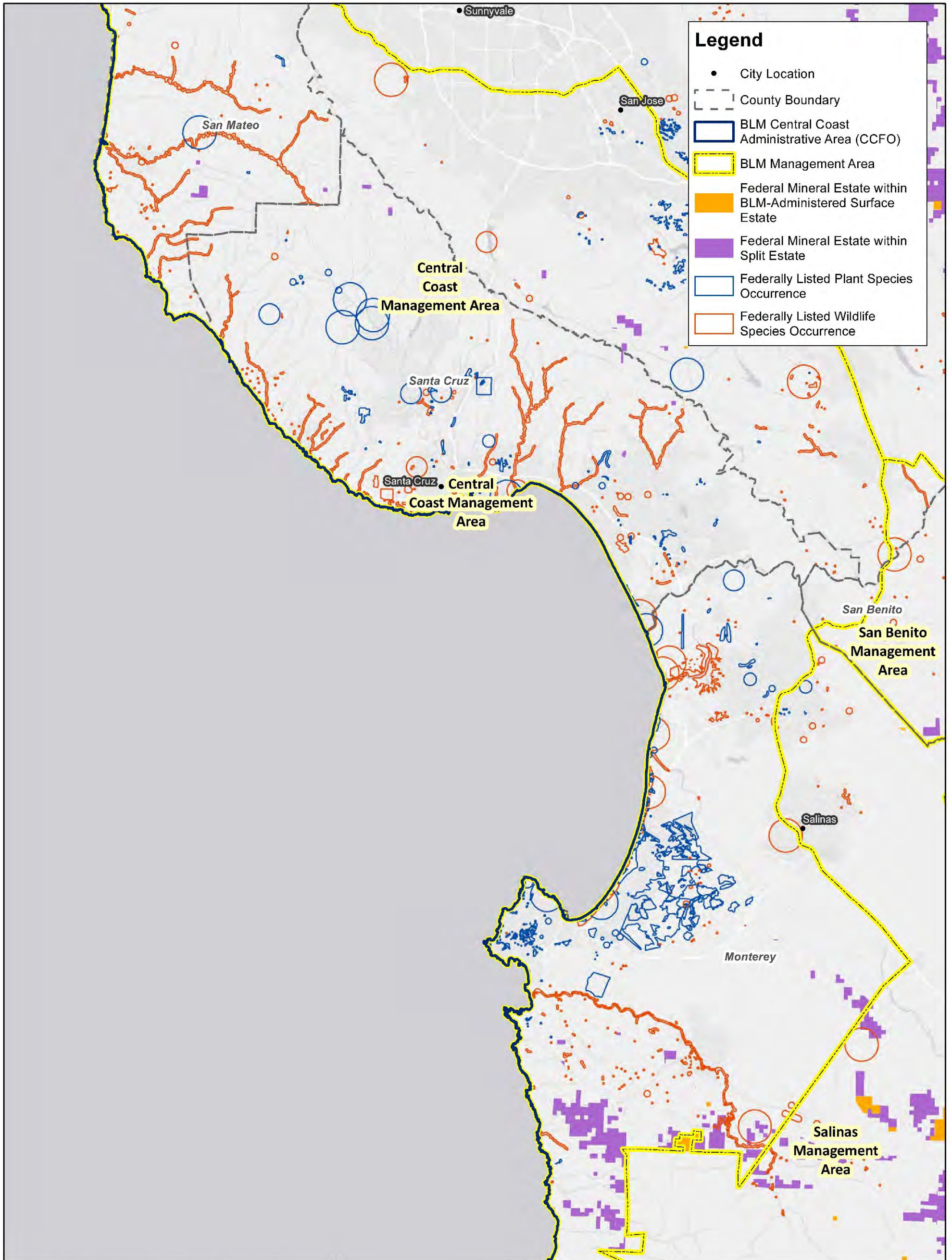
Map Reference:
UTM Zone 10 NAD83
Scale 1:350,000

BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

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

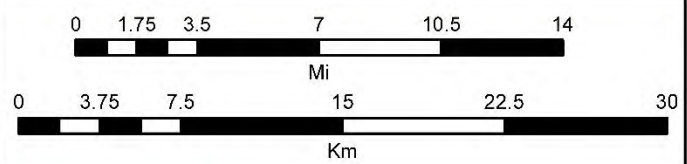
Figure 3.12-2b
Federally Listed Species Occurrences
Page 2

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



Map Reference:
UTM Zone 10 NAD83

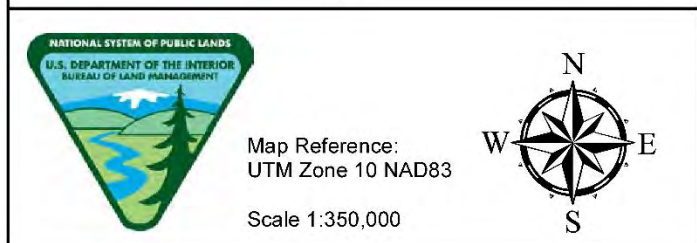
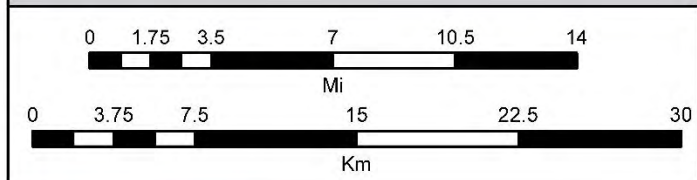
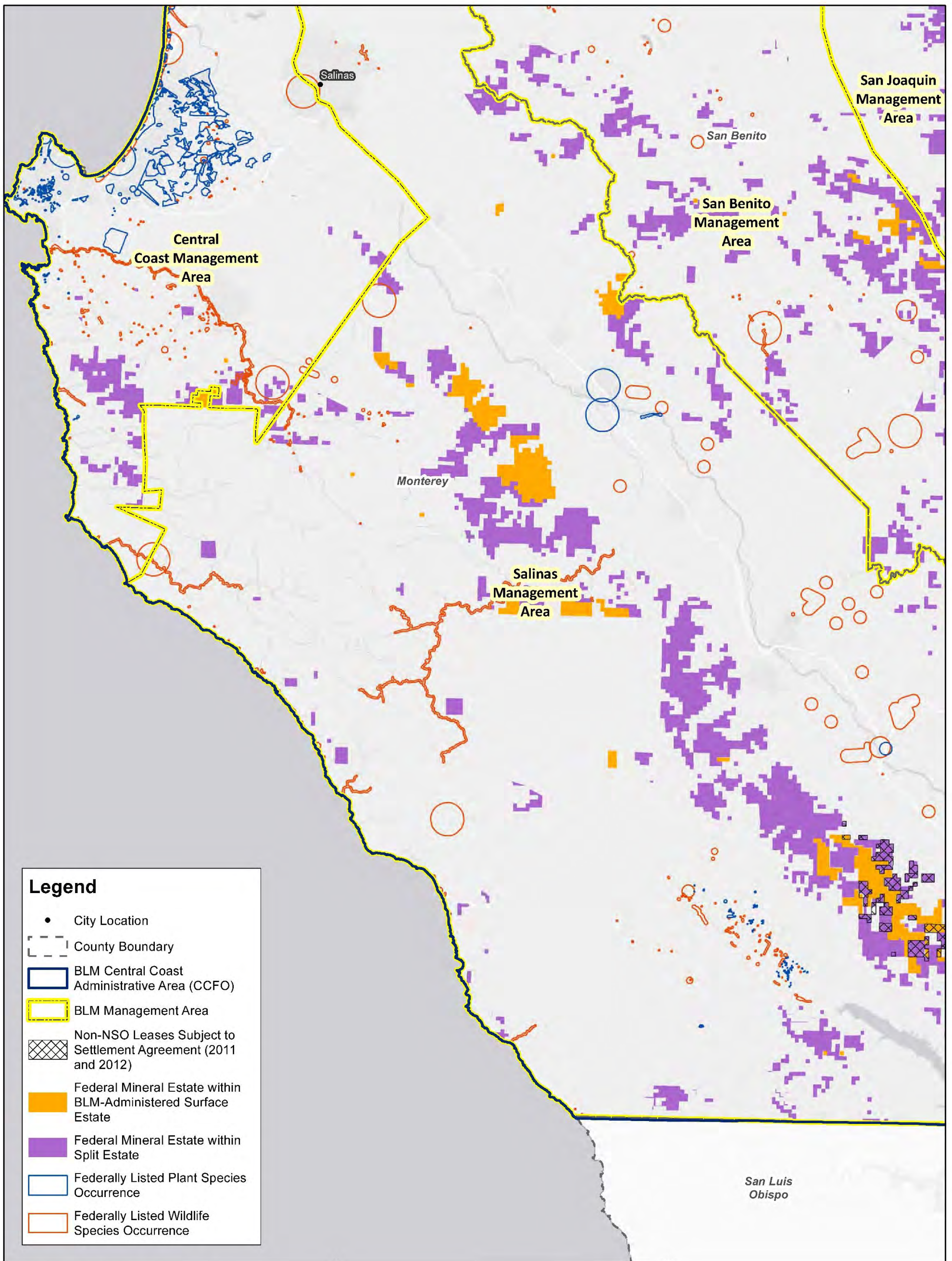
Scale 1:350,000

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

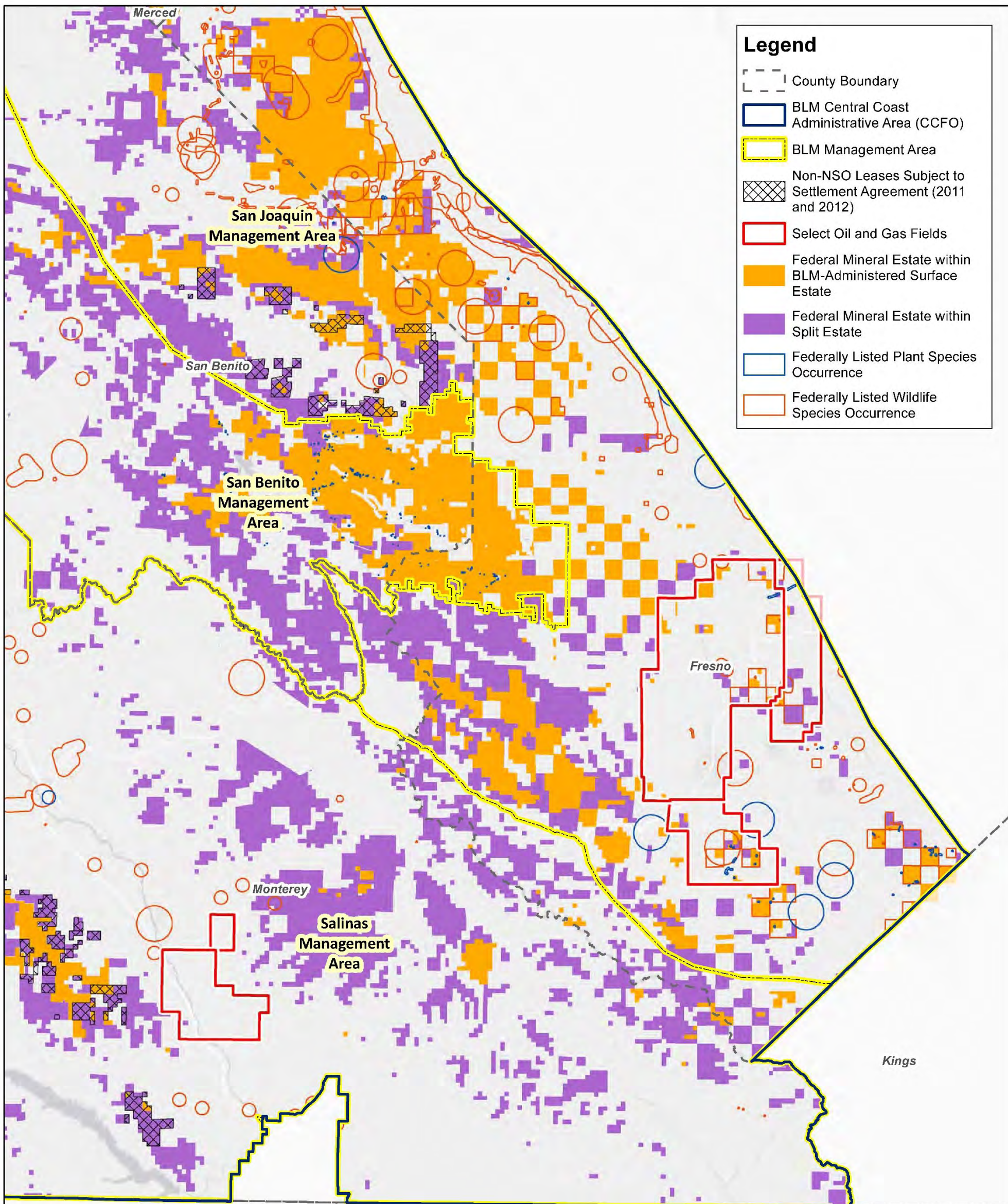


BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

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

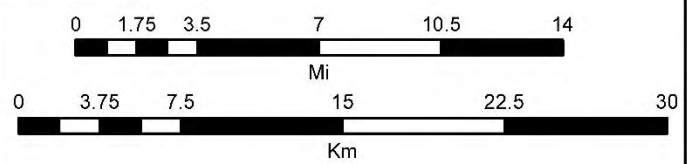
Figure 3.12-2d
Federally Listed Species Occurrences
Page 4

Date: December 2016



Legend

- County Boundary
- BLM Central Coast Administrative Area (CCFO)
- BLM 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
- 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

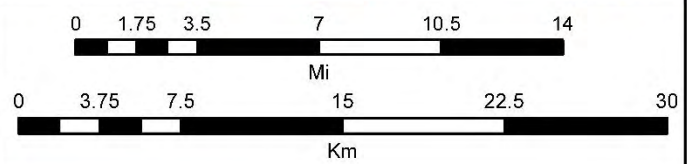
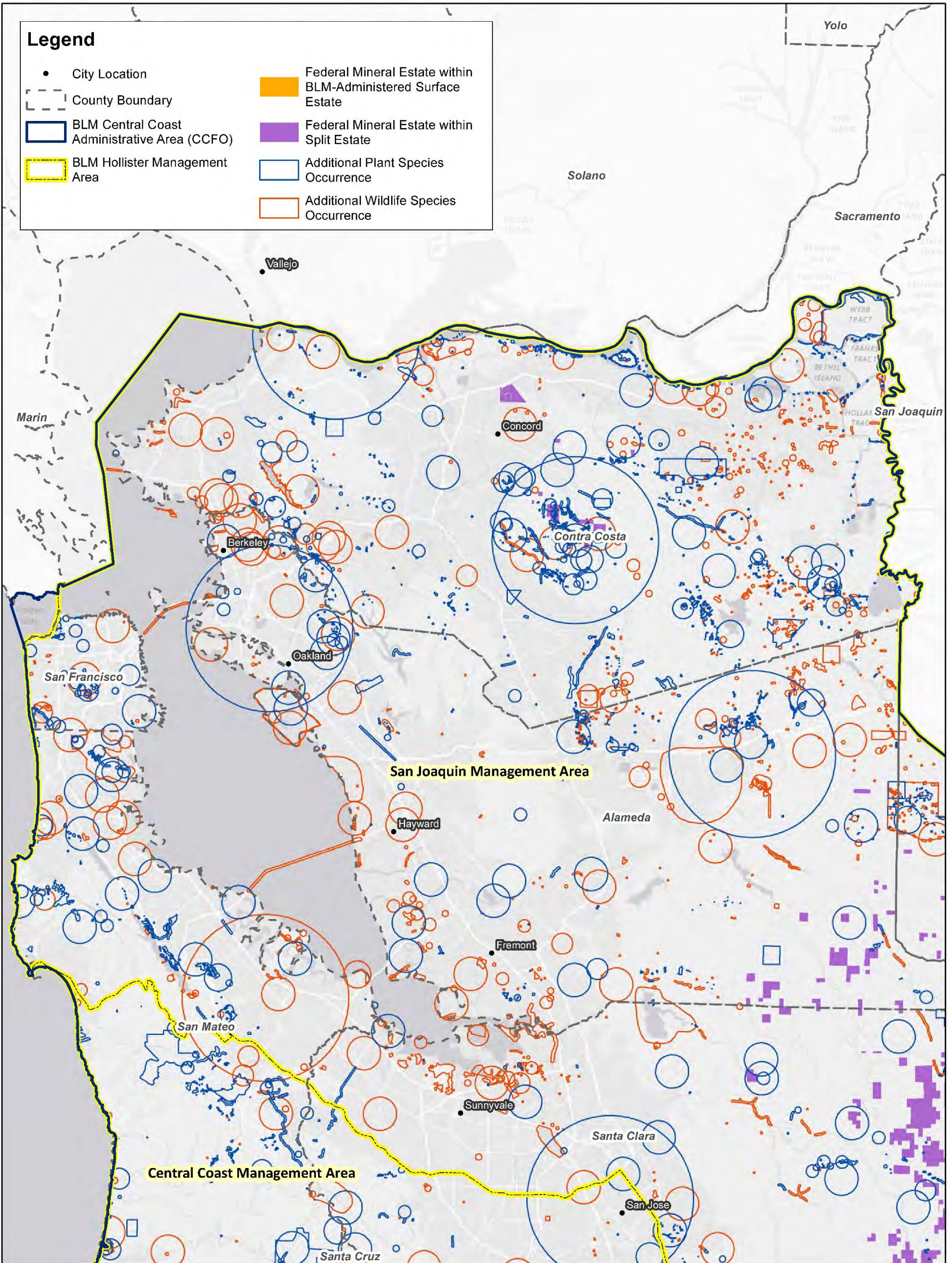
Please refer to Table 3.12-2 for list of species found in each Management Area.

Figure 3.12-2e
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

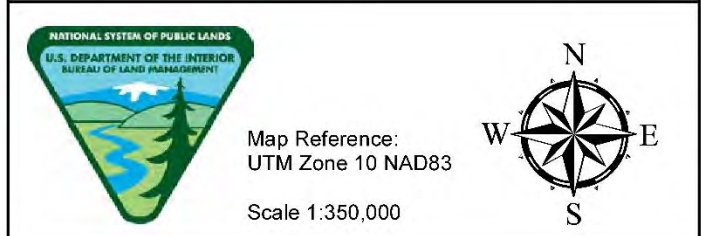
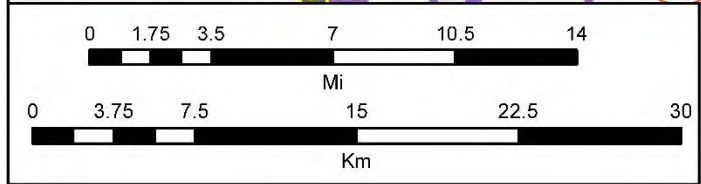
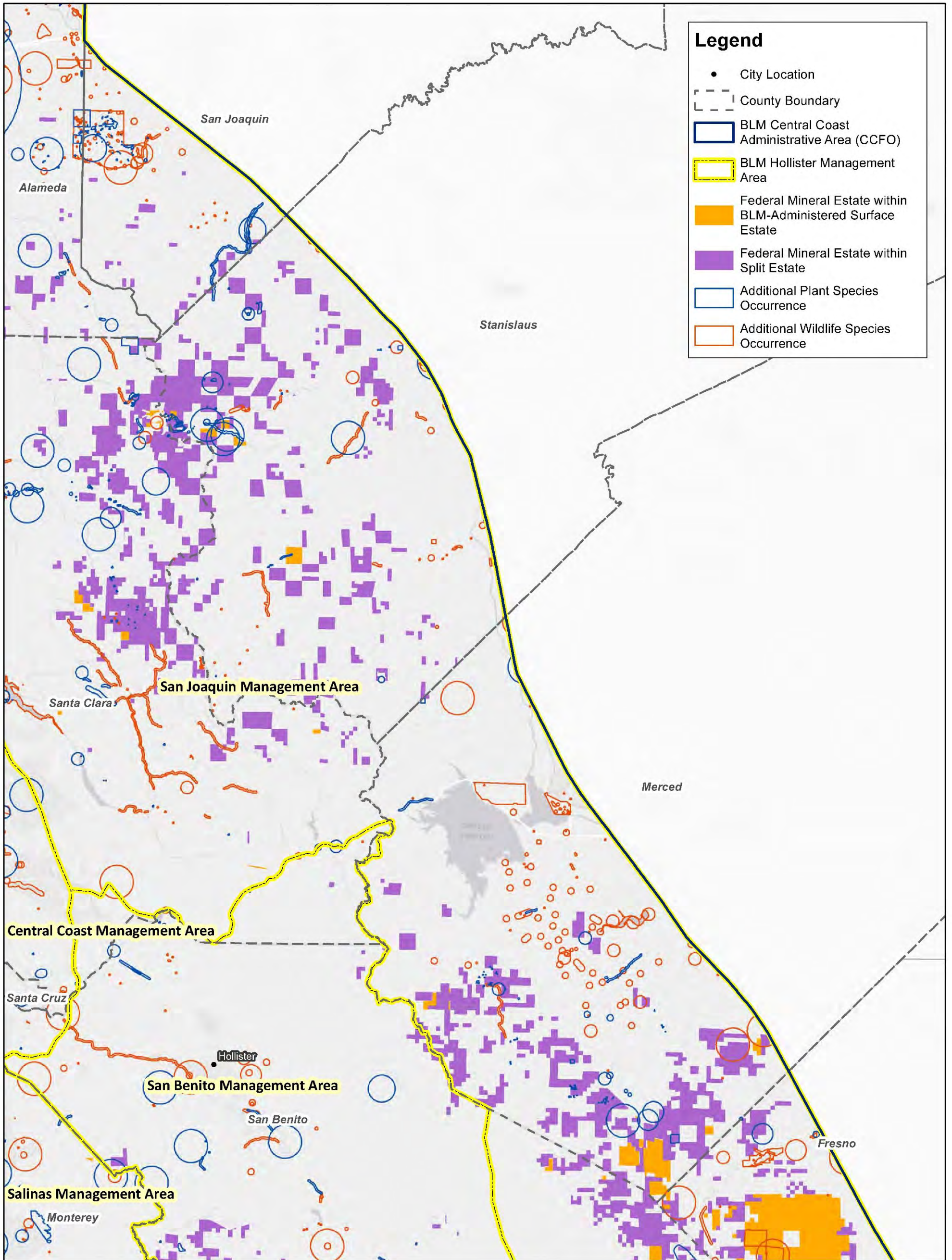


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CENTRAL COAST FIELD OFFICE

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

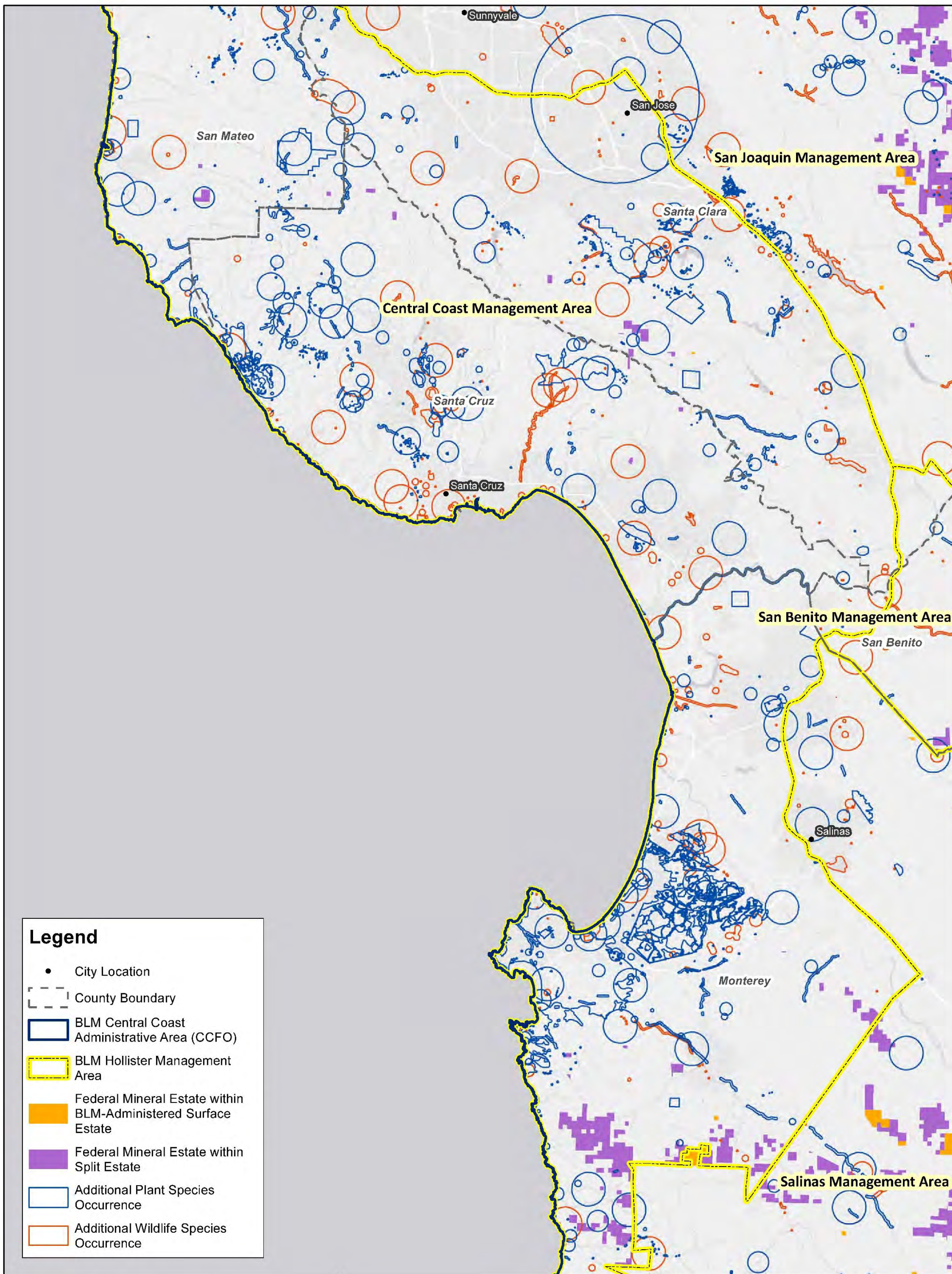


BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

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

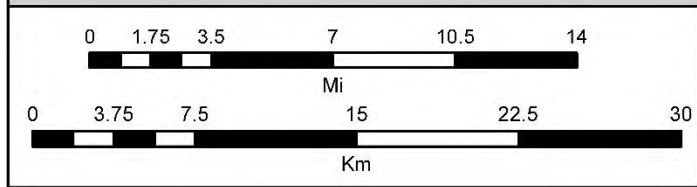
Figure 3.12-3b
Additional Special Status Species Occurrences
Page 2

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

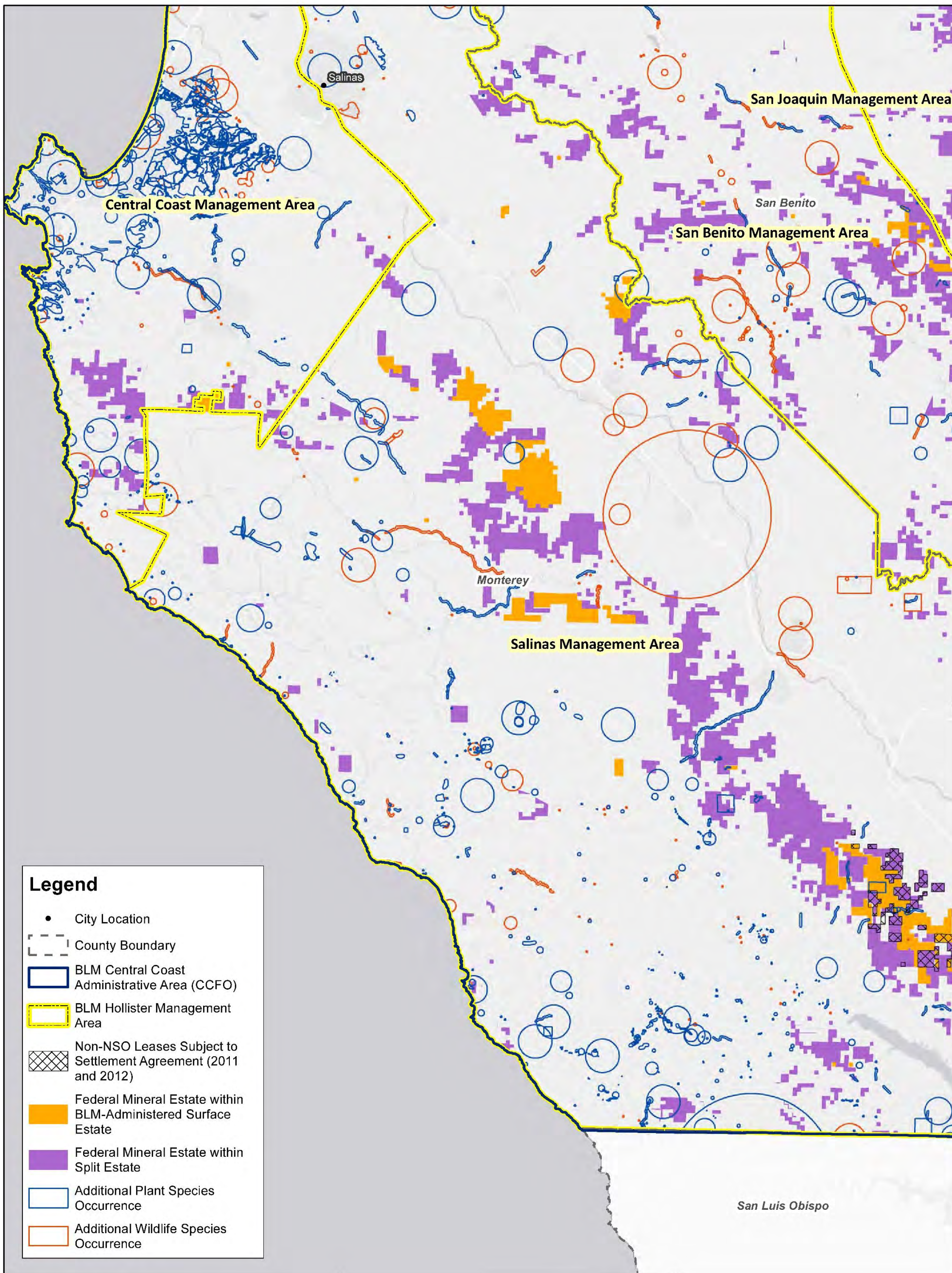
Scale 1:350,000

BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

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

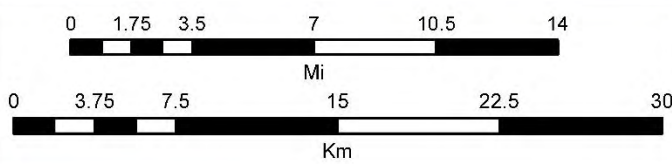
Figure 3.12-3c
Additional Special Status Species Occurrences
Page 3

Date: December 2016



Legend

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



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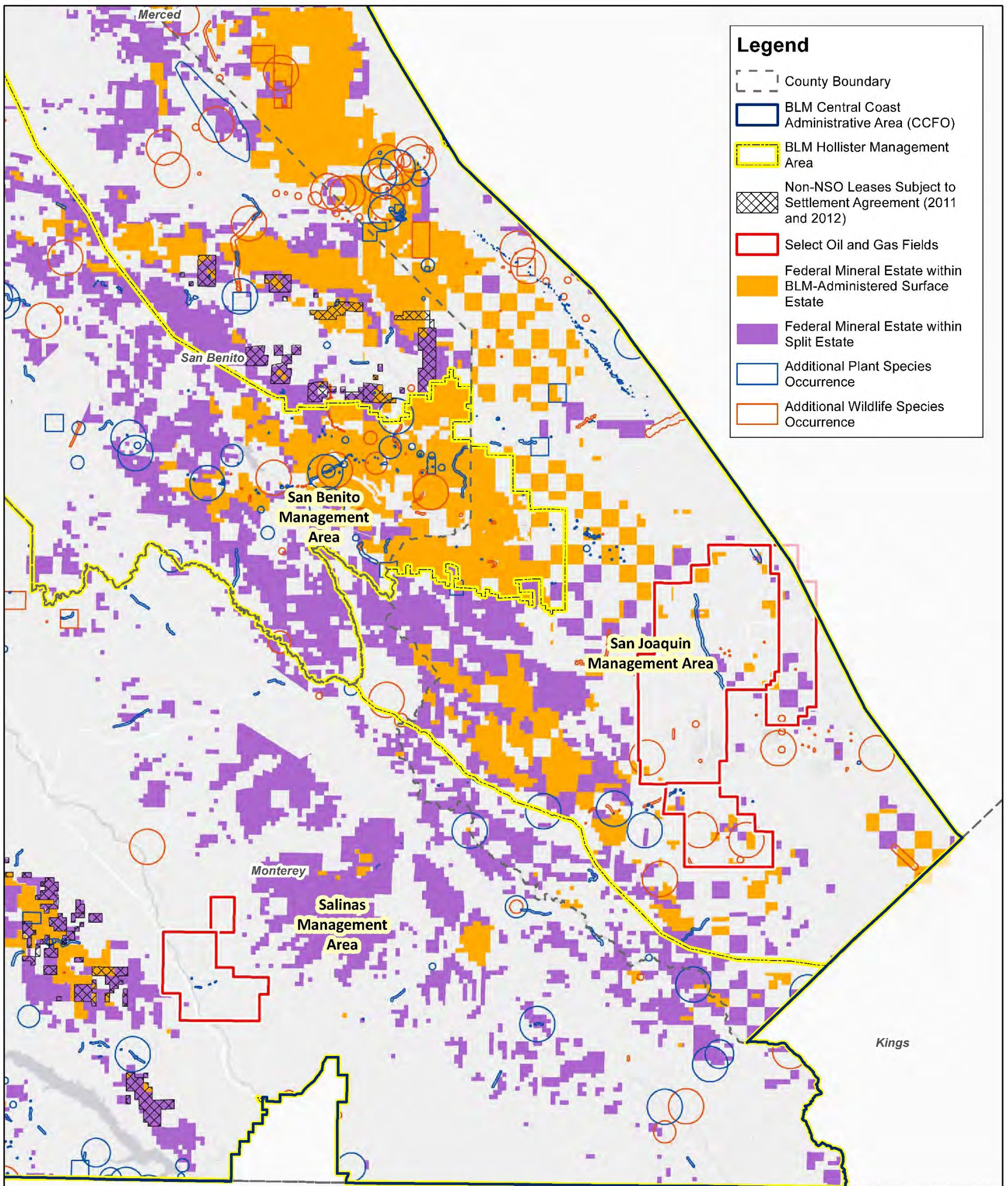
Map Reference:
 UTM Zone 10 NAD83
 Scale 1:350,000

BUREAU OF LAND MANAGEMENT
CENTRAL COAST FIELD OFFICE

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

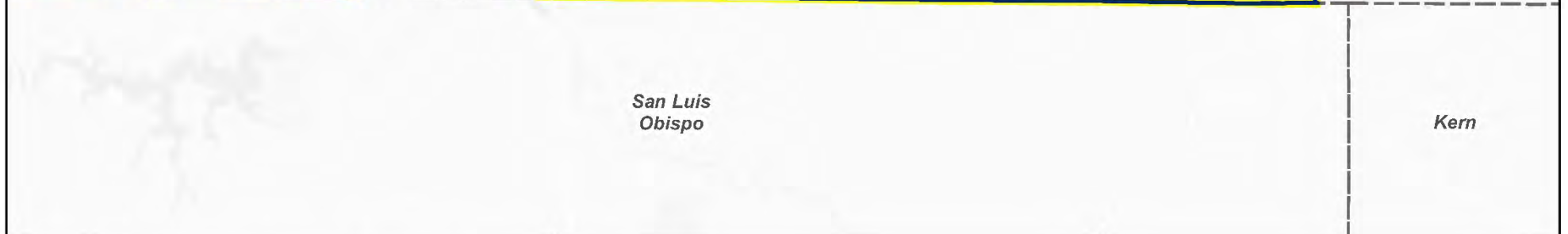
Figure 3.12-3d
Additional Special Status Species Occurrences
Page 4

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

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 BUREAU OF LAND MANAGEMENT

Map Reference:
 UTM Zone 10 NAD83

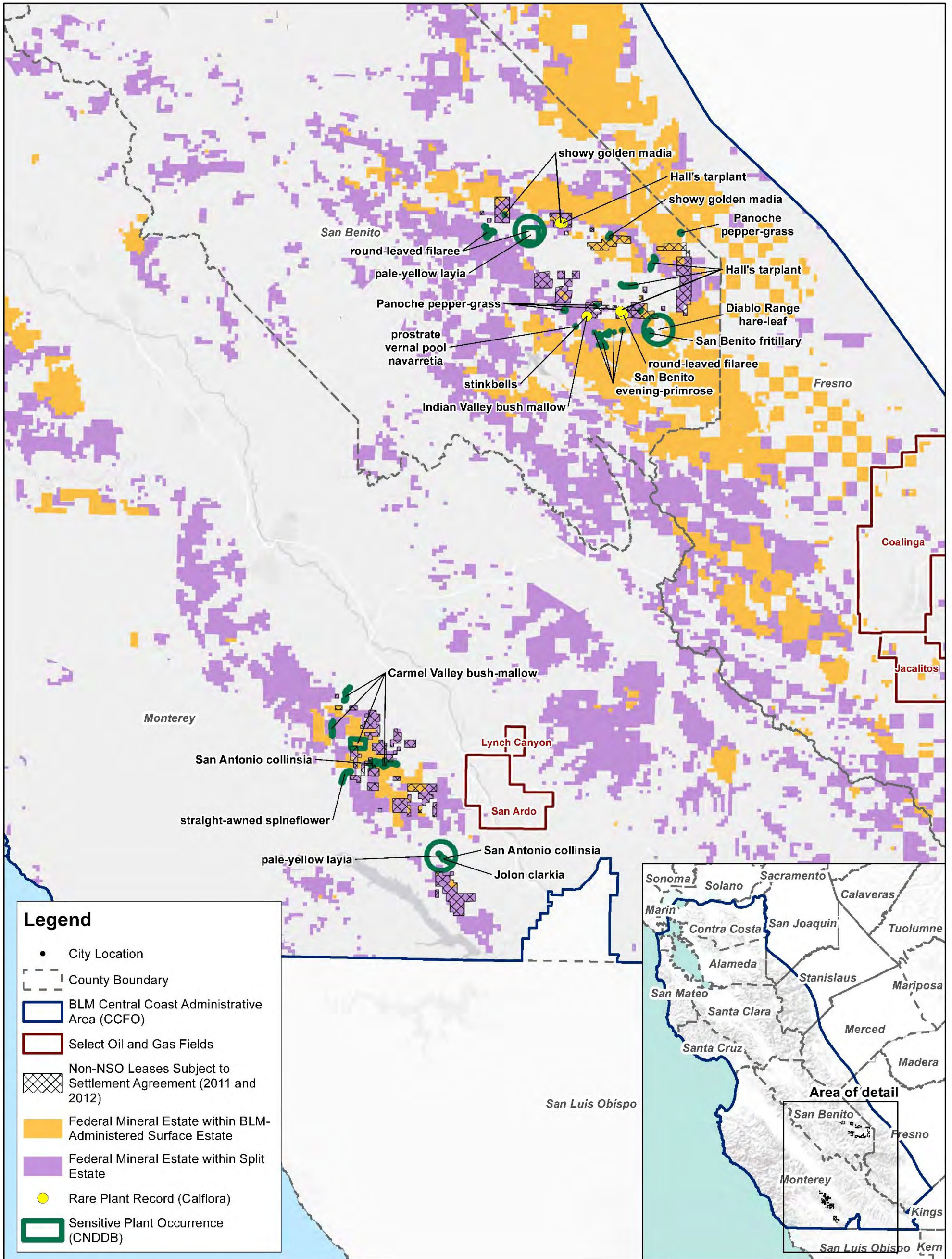
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Please refer to Table X for list of species found in each Management Area.

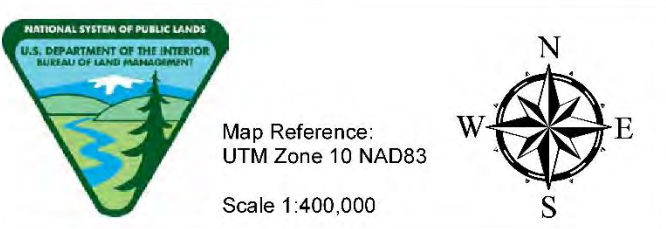
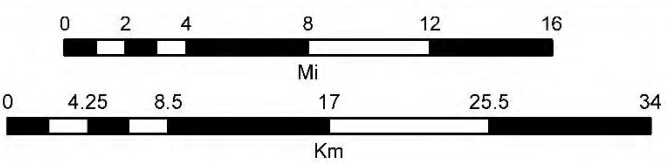
Figure 3.12-3e
Additional Special Status Species Occurrences
Page 5

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)

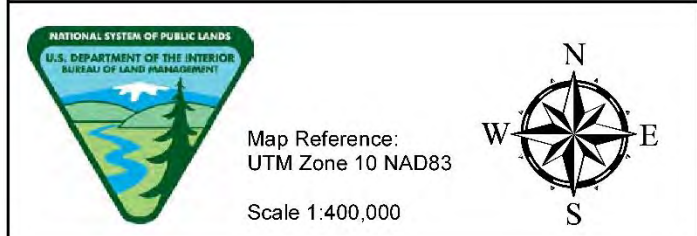
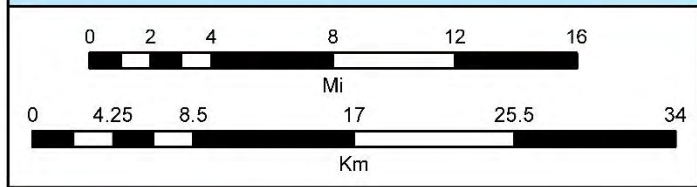
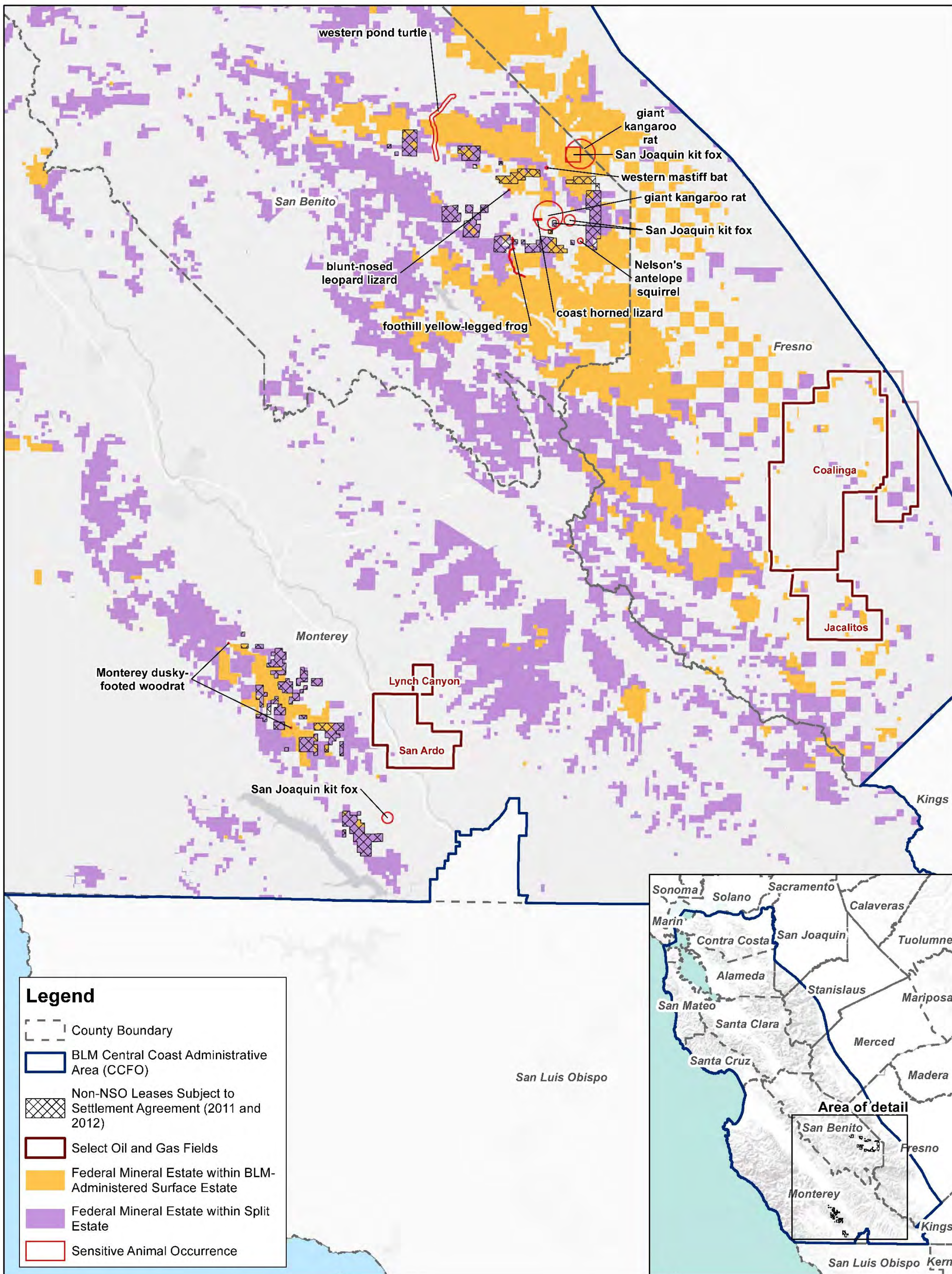


Map Reference:
UTM Zone 10 NAD83
Scale 1:400,000

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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

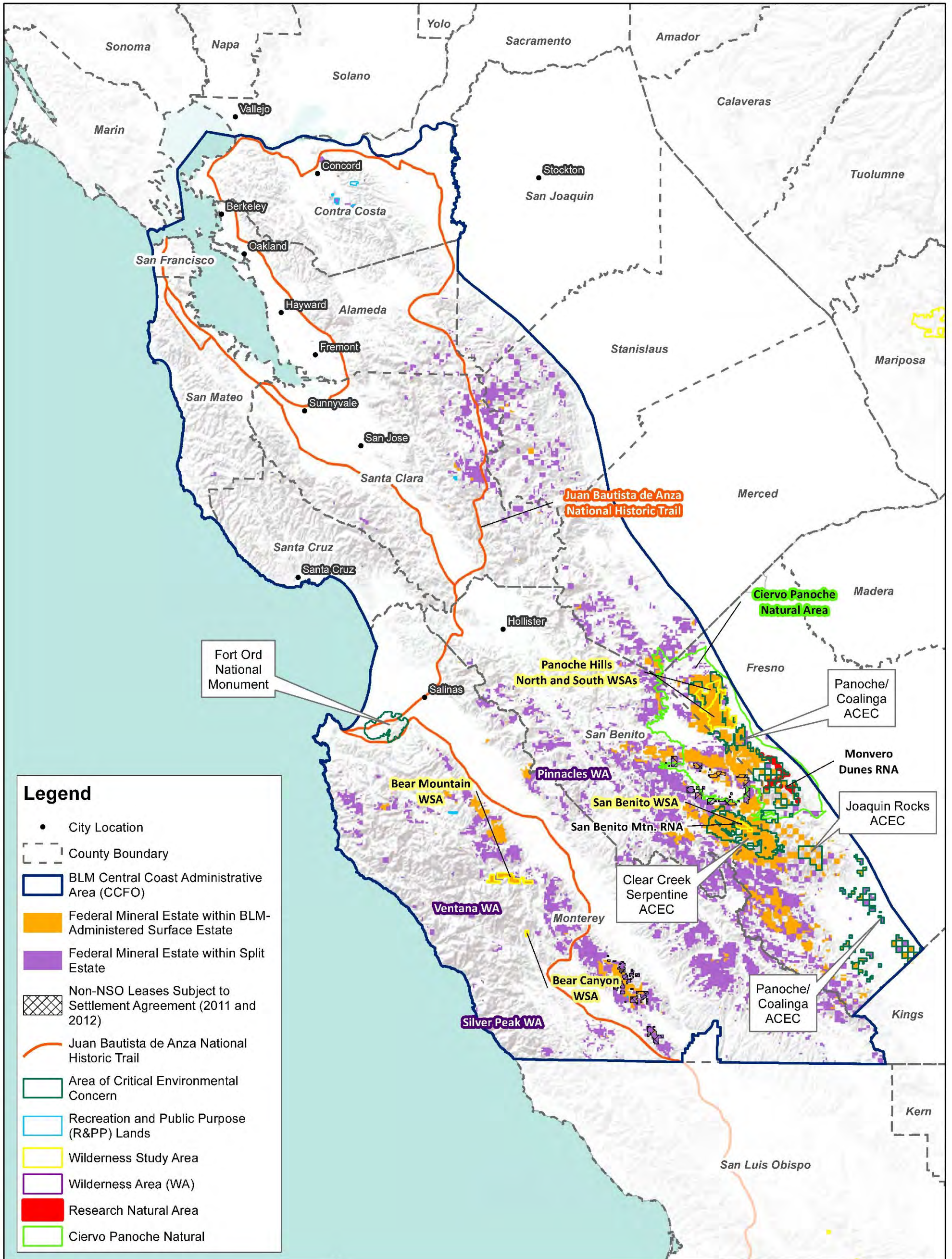
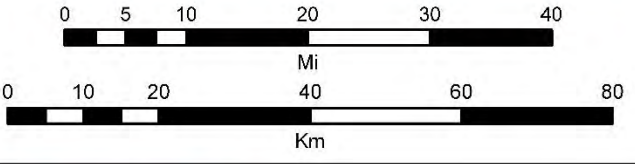


Figure 3.14-1
Special Management Areas
within the
BLM Central Coast Field Office
Administrative Area

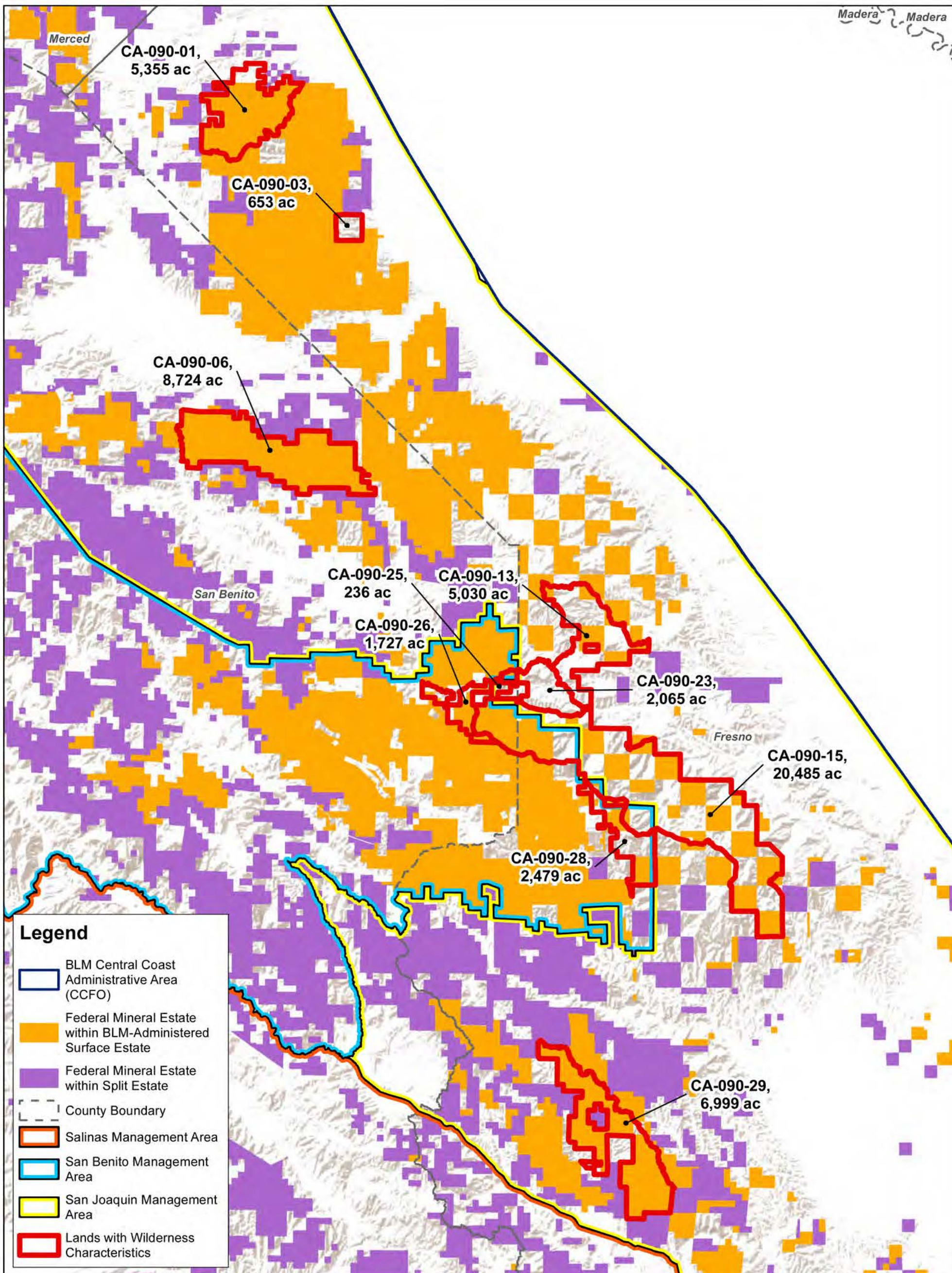
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Date: December 2016



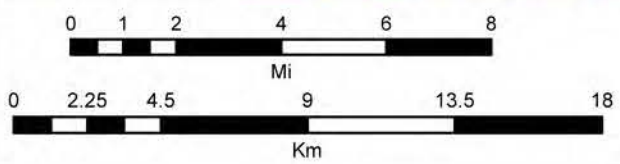
Map Reference:
 UTM Zone 10 NAD83
 Scale 1:1,000,000





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



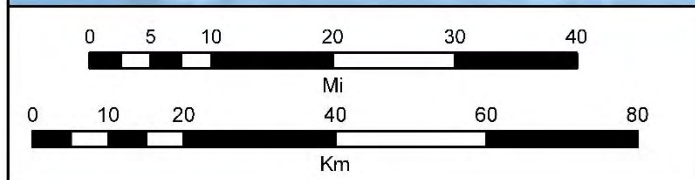
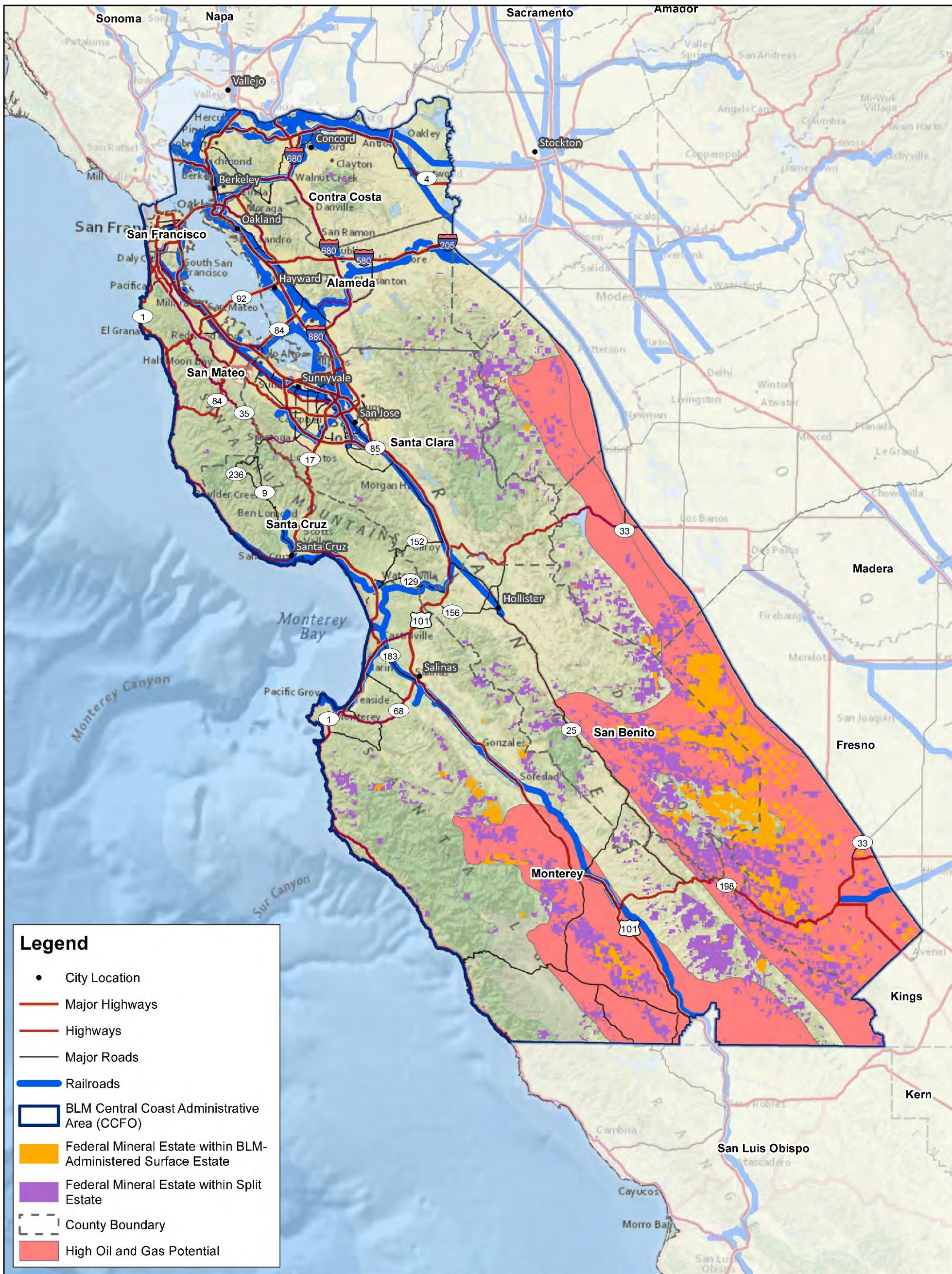
Map Reference:
UTM Zone 10 NAD83

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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Source: BLM, 2015

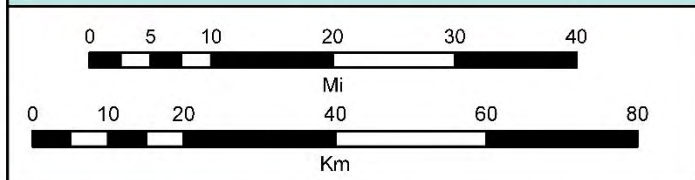
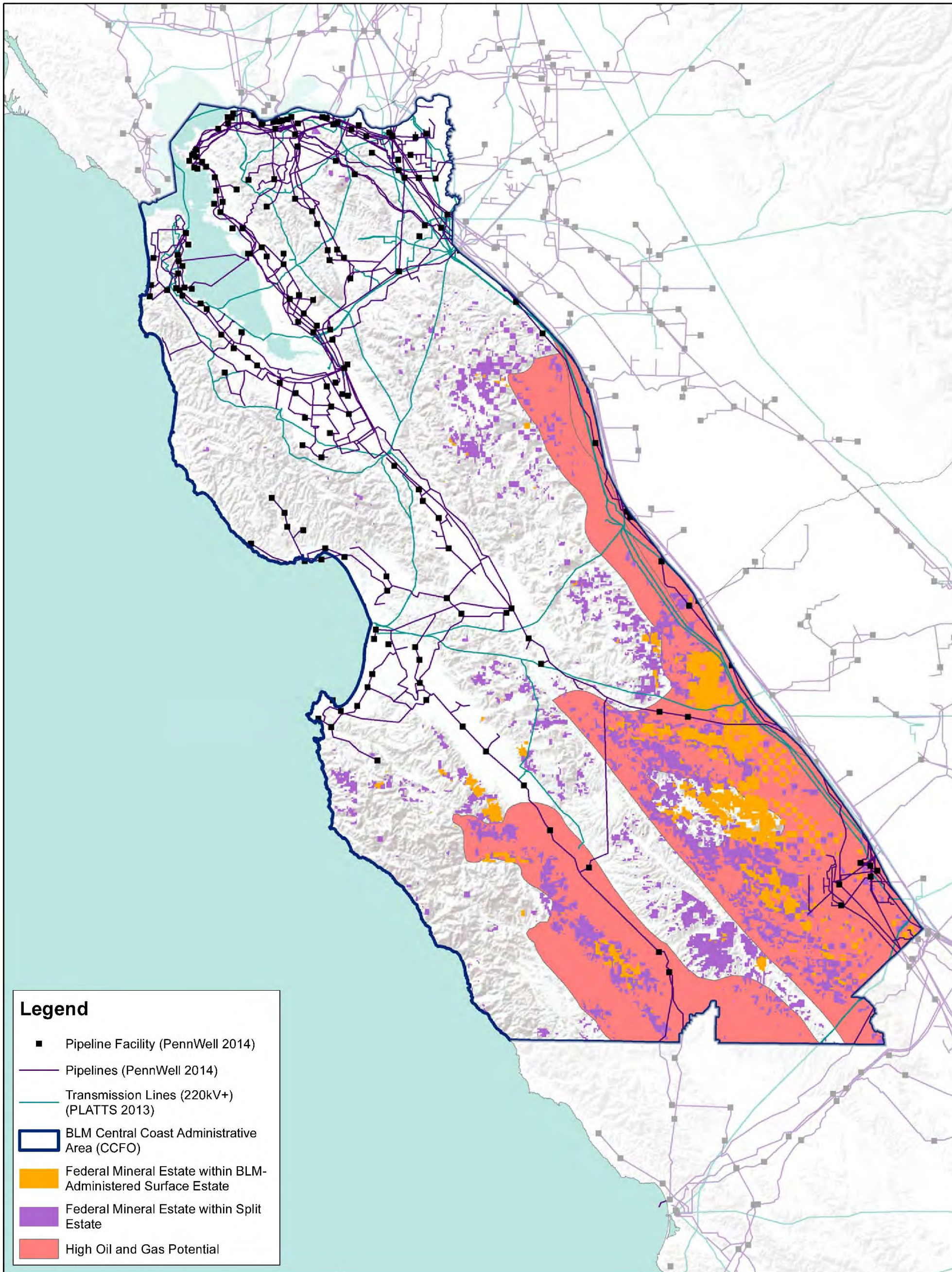
Map Reference:
UTM Zone 10 NAD83

Scale 1:1,000,000

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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



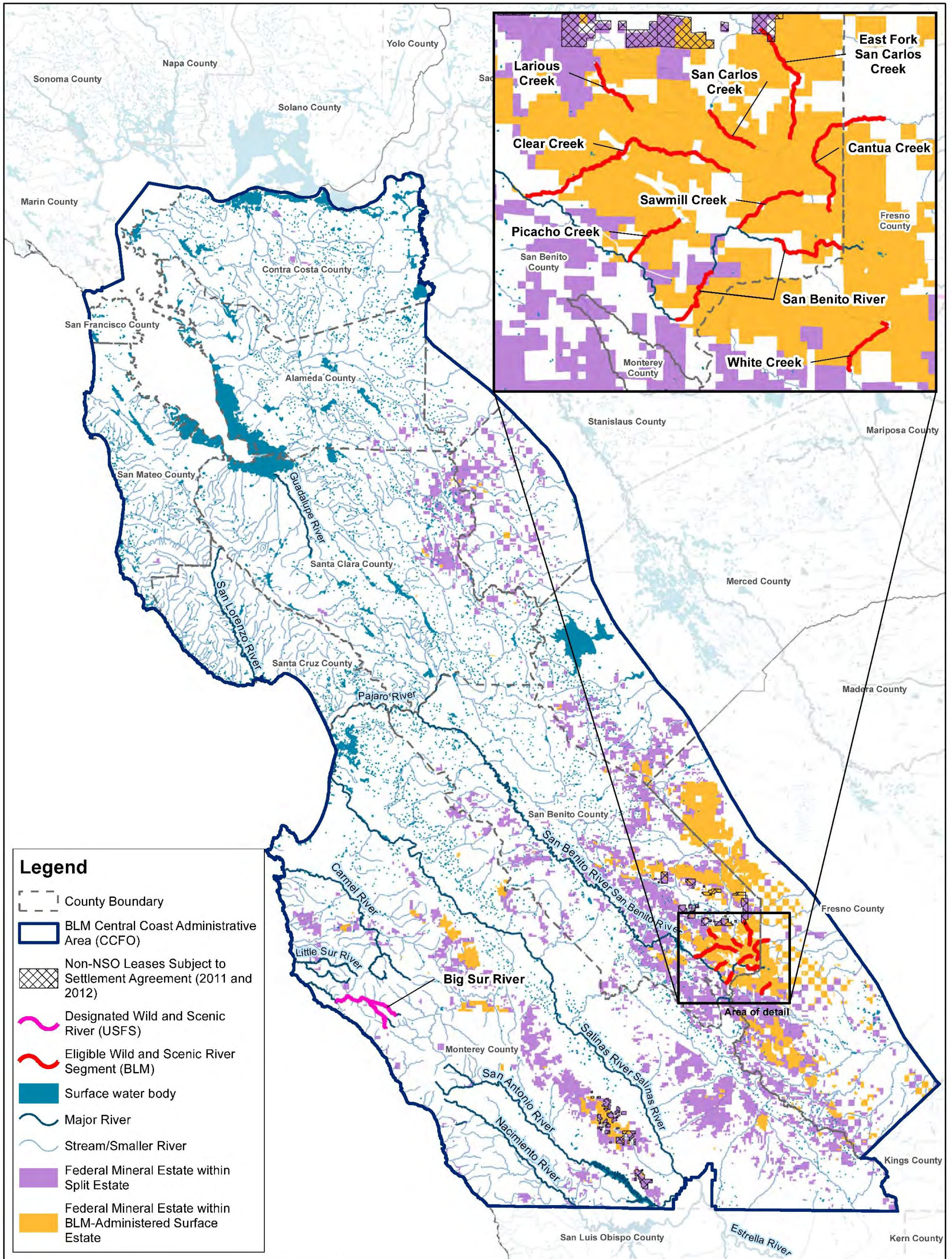
Source: BLM, 2015

Map Reference:
UTM Zone 10 NAD83

Scale 1:1,000,000

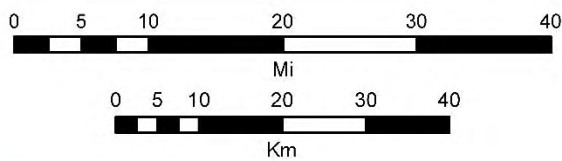


Date: December 2016



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



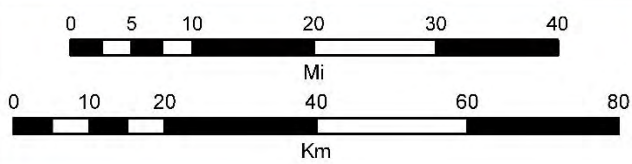
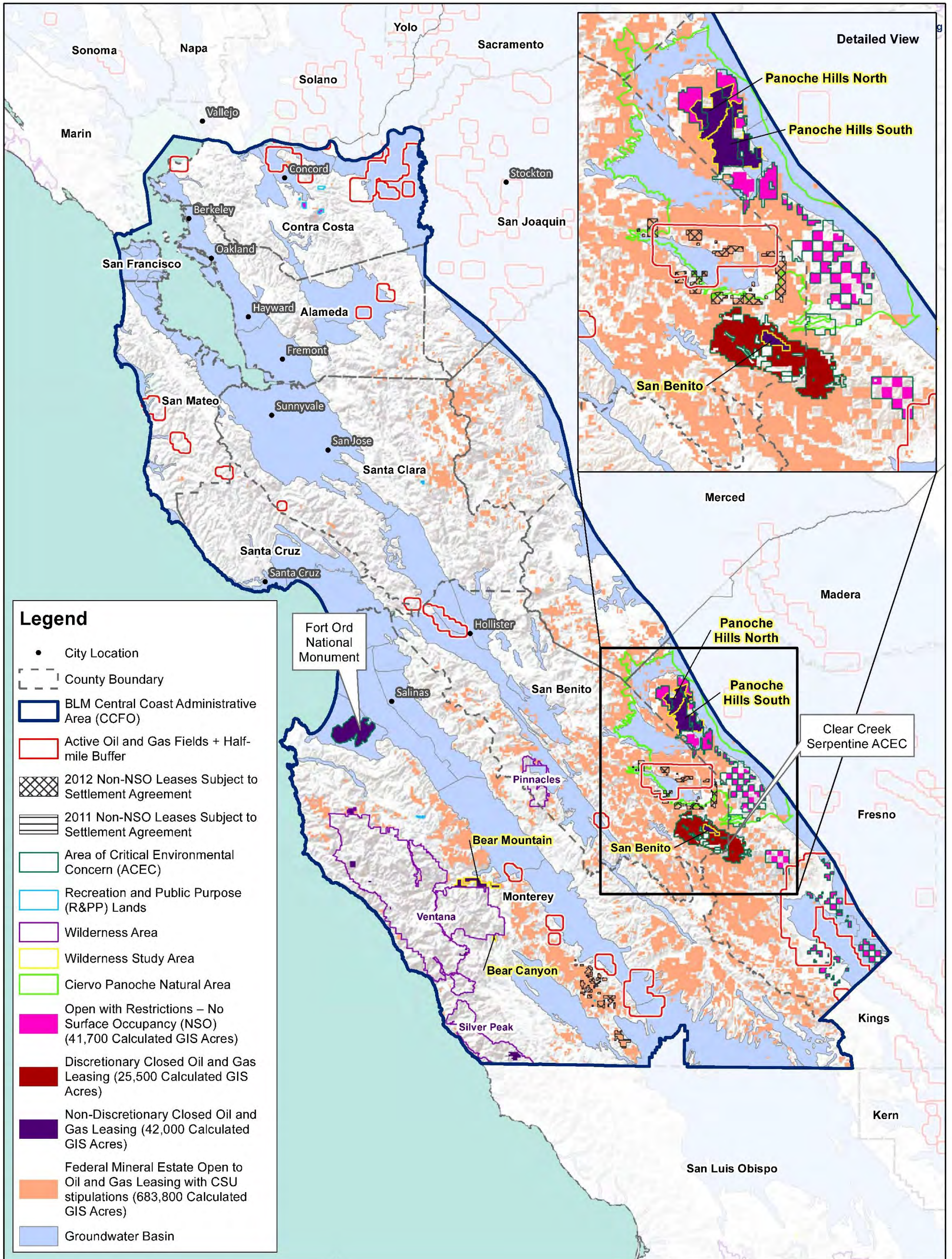
Source: BLM, 2015

Map Reference:
UTM Zone 10 NAD83

Scale 1:1,000,000



Date: December 2016



Source: BLM, 2015

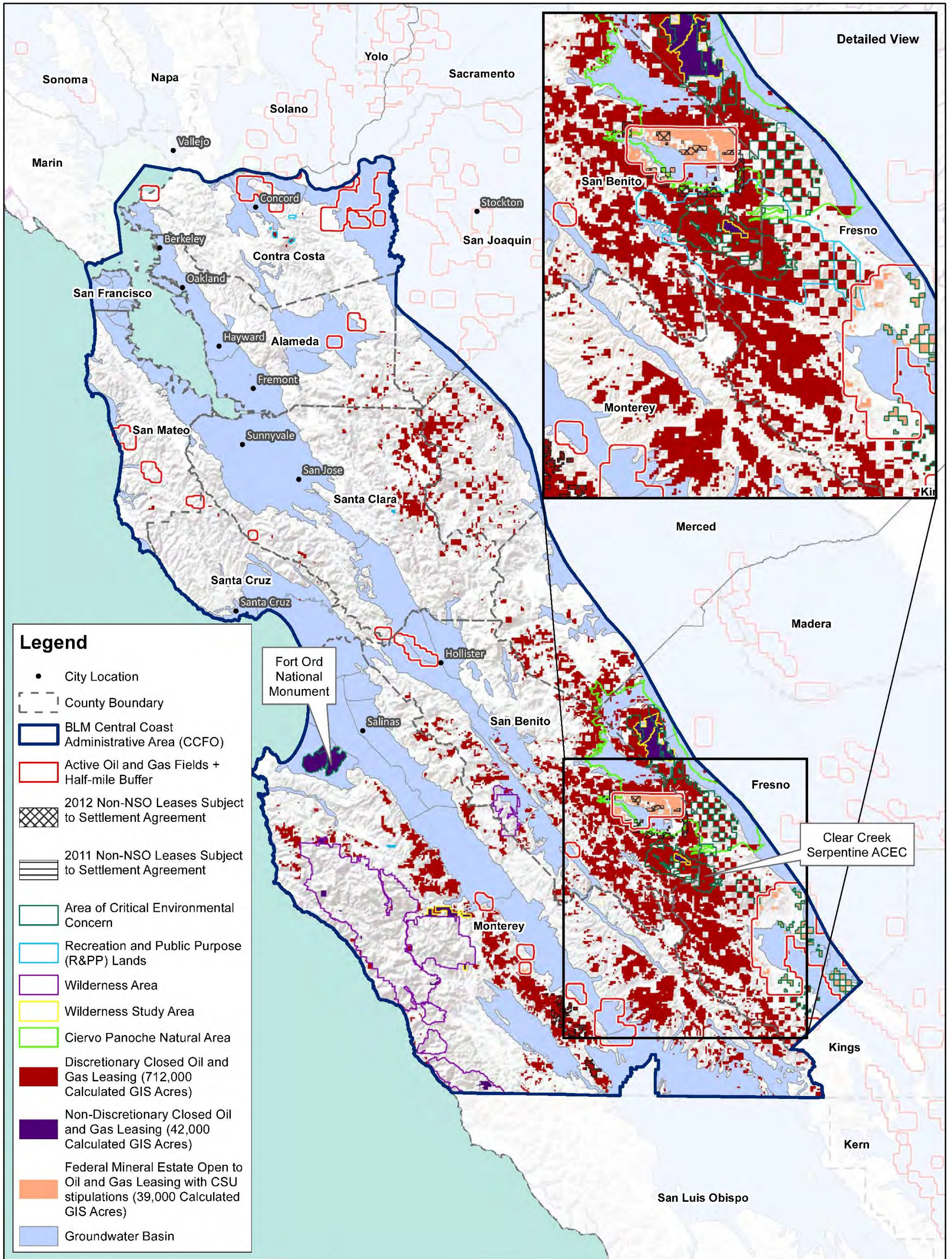
Map Reference:
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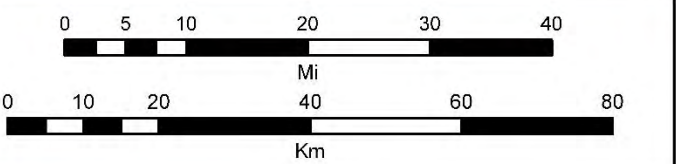
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Date: December 2016



Legend

- City Location
- - - County Boundary
- ▭ BLM Central Coast Administrative Area (CCFO)
- ▭ Active Oil and Gas Fields + Half-mile Buffer
- ▨ 2012 Non-NSO Leases Subject to Settlement Agreement
- ▨ 2011 Non-NSO Leases Subject to Settlement Agreement
- ▭ Area of Critical Environmental Concern
- ▭ Recreation and Public Purpose (R&PP) Lands
- ▭ Wilderness Area
- ▭ Wilderness Study Area
- ▭ Ciervo Panoche Natural Area
- ▭ Discretionary Closed Oil and Gas Leasing (712,000 Calculated GIS Acres)
- ▭ Non-Discretionary Closed Oil and Gas Leasing (42,000 Calculated GIS Acres)
- ▭ Federal Mineral Estate Open to Oil and Gas Leasing with CSU stipulations (39,000 Calculated GIS Acres)
- ▭ Groundwater Basin



Source: BLM, 2015

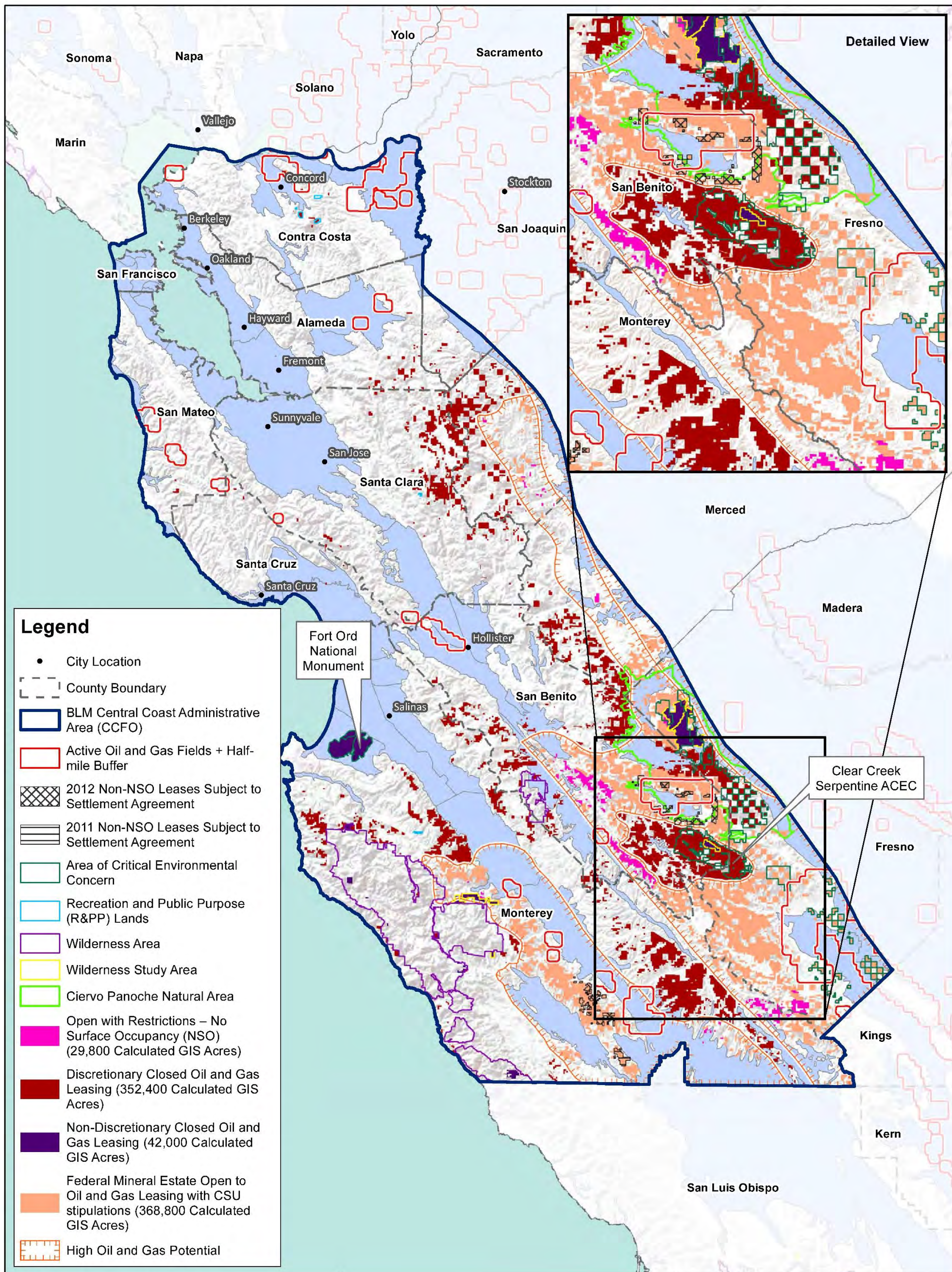
Map Reference: UTM Zone 10 NAD83

Scale 1:1,000,000

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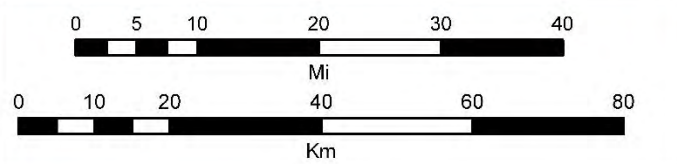
Figure 4.7-2
Groundwater Basins;
Alternative B

Date: December 2016



Legend

- City Location
- - - County Boundary
- ▭ BLM Central Coast Administrative Area (CCFO)
- ▭ Active Oil and Gas Fields + Half-mile Buffer
- ▨ 2012 Non-NSO Leases Subject to Settlement Agreement
- ▨ 2011 Non-NSO Leases Subject to Settlement Agreement
- ▭ Area of Critical Environmental Concern
- ▭ Recreation and Public Purpose (R&PP) Lands
- ▭ Wilderness Area
- ▭ Wilderness Study Area
- ▭ Ciervo Panoche Natural Area
- ▭ Open with Restrictions – No Surface Occupancy (NSO) (29,800 Calculated GIS Acres)
- ▭ Discretionary Closed Oil and Gas Leasing (352,400 Calculated GIS Acres)
- ▭ Non-Discretionary Closed Oil and Gas Leasing (42,000 Calculated GIS Acres)
- ▭ Federal Mineral Estate Open to Oil and Gas Leasing with CSU stipulations (368,800 Calculated GIS Acres)
- ▭ High Oil and Gas Potential



Source: BLM, 2015

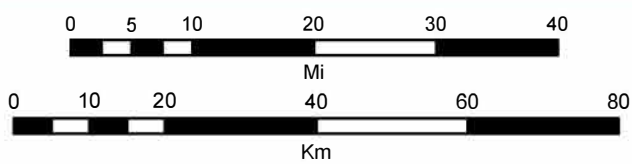
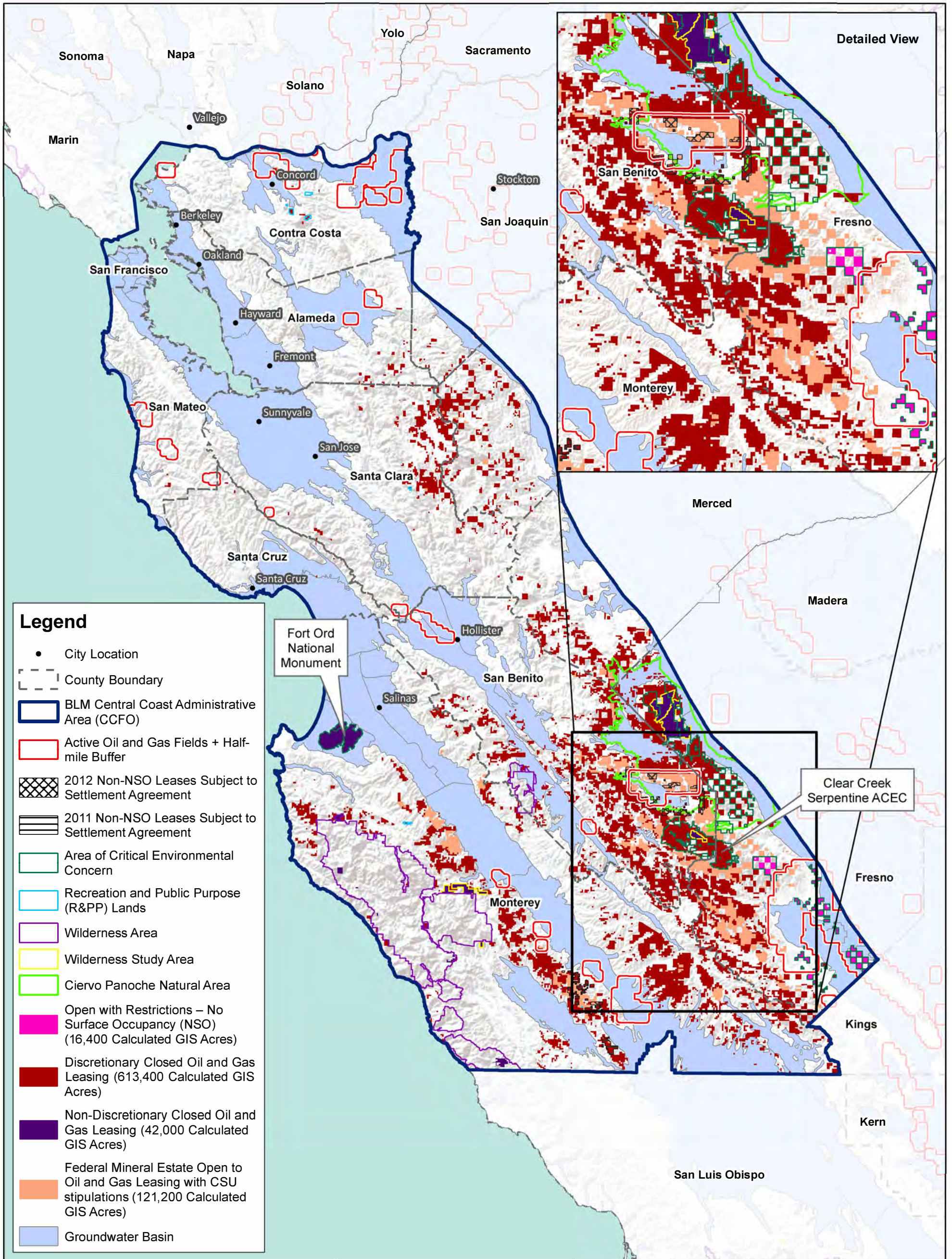
Map Reference: UTM Zone 10 NAD83

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



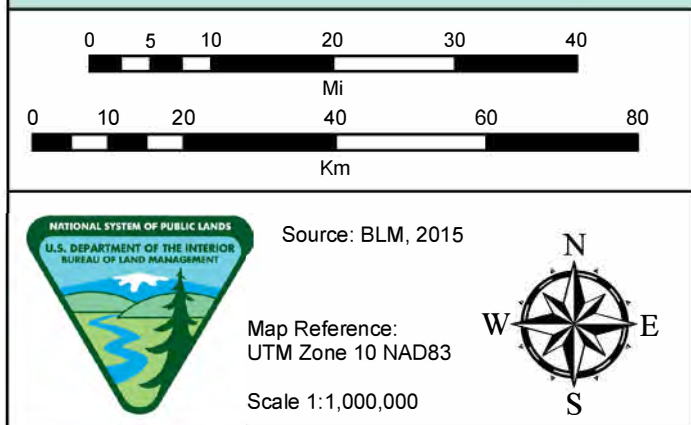
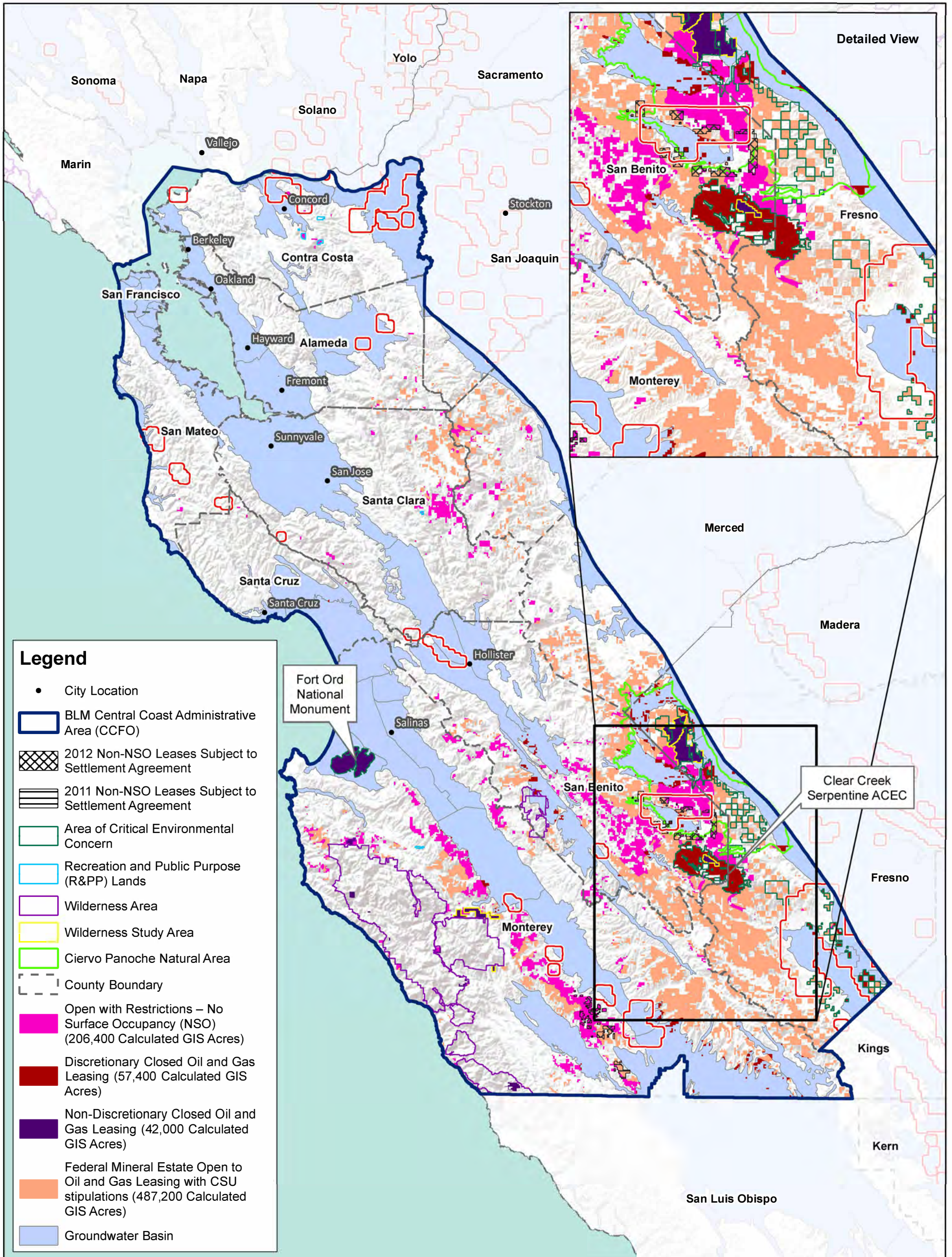
Source: BLM, 2015

Map Reference:
UTM Zone 10 NAD83

Scale 1:1,000,000



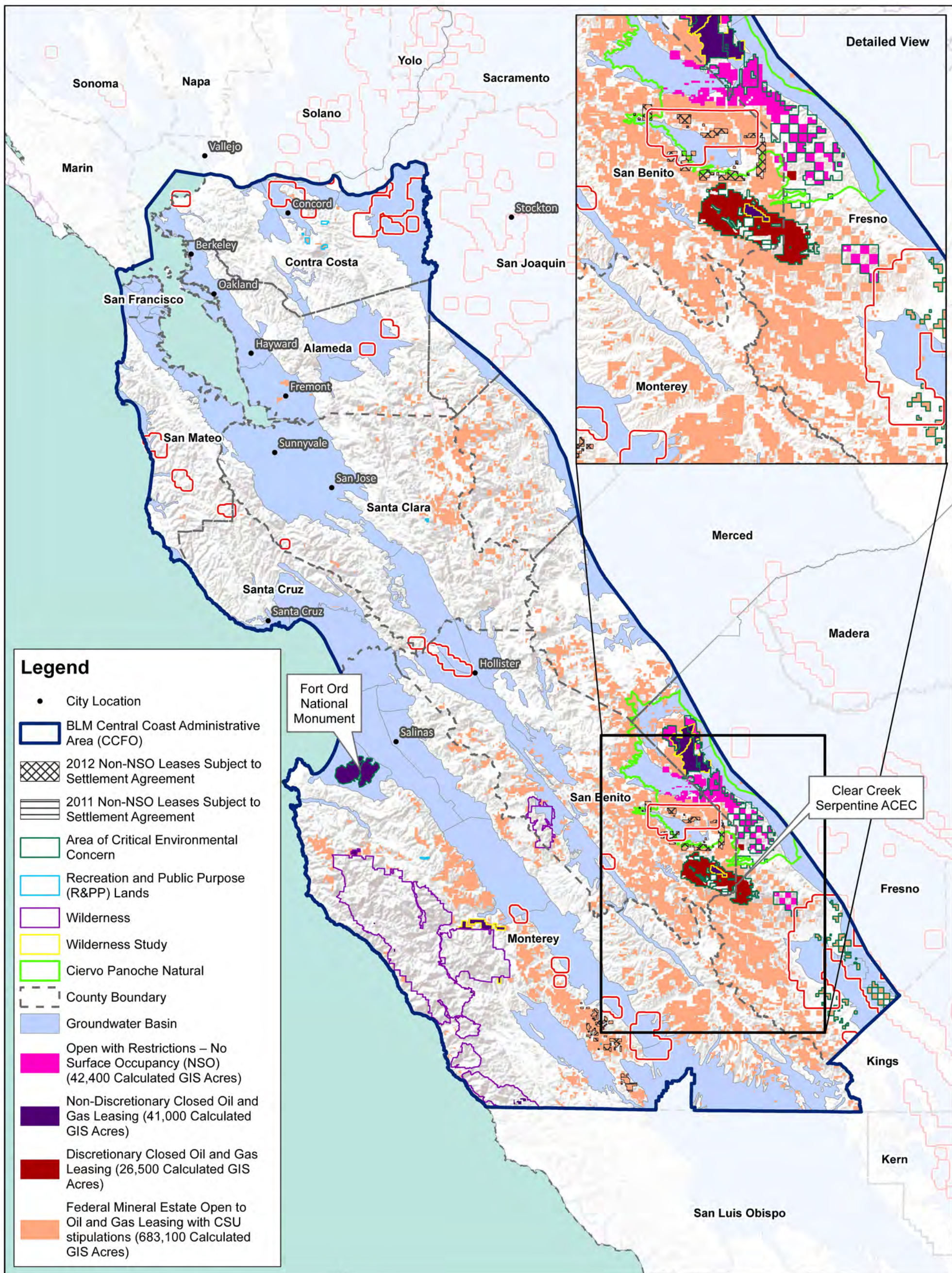
Date: May 2018



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Figure 4.7-5
Groundwater Basins;
Alternative E

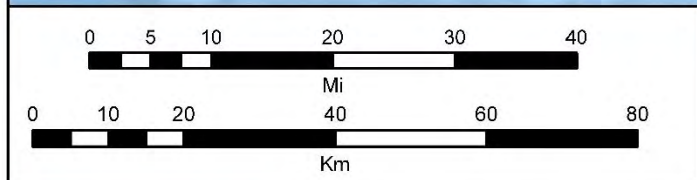
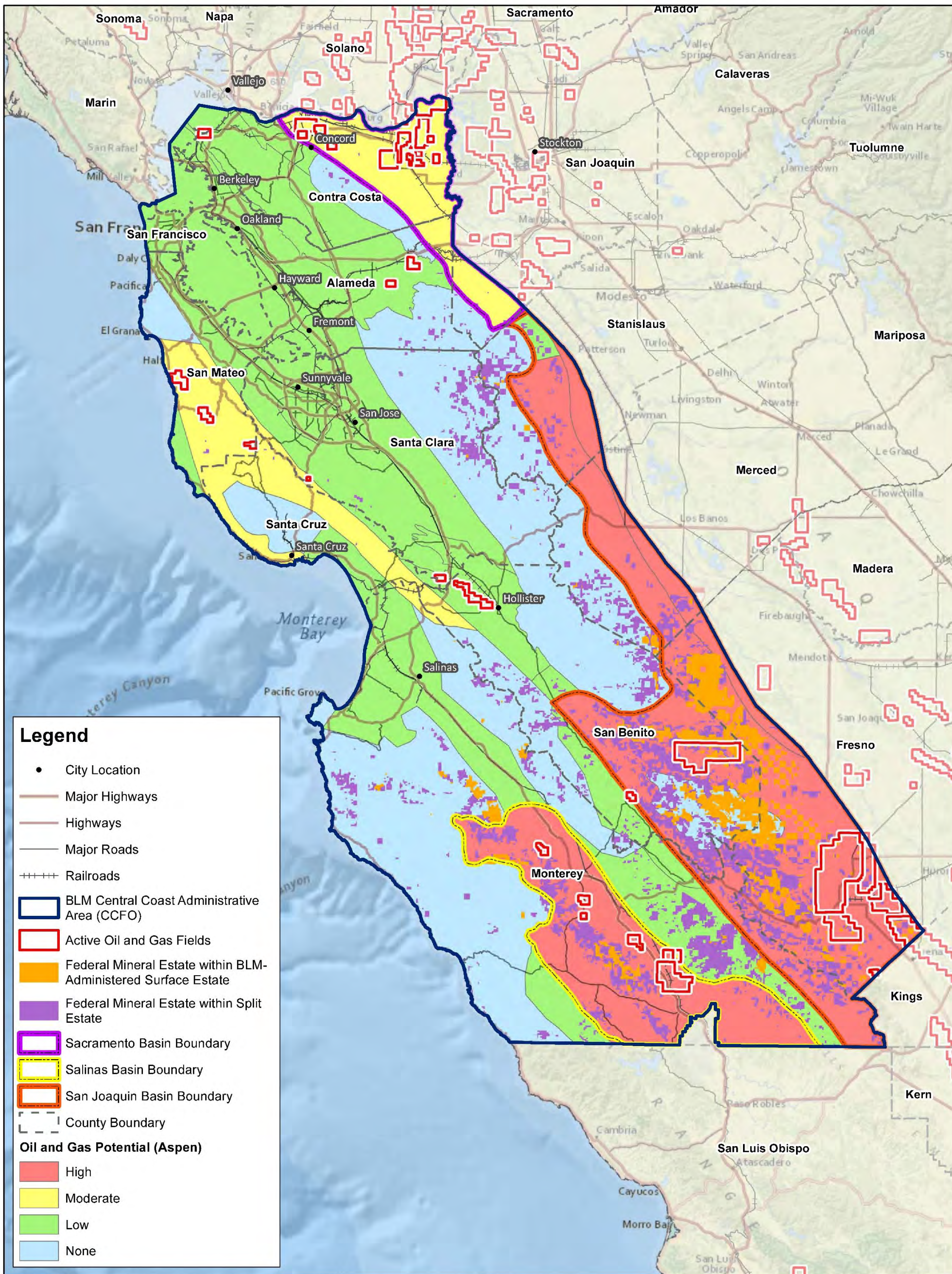
Date: May 2018



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Figure 4.7-6
Groundwater Basins;
Alternative F

Date: February 2019



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Source: BLM, 2015

Map Reference:
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Scale 1:1,000,000

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Figure 5-1
Reasonably Foreseeable
Oil and Gas
Development Potential

Date: December 2016