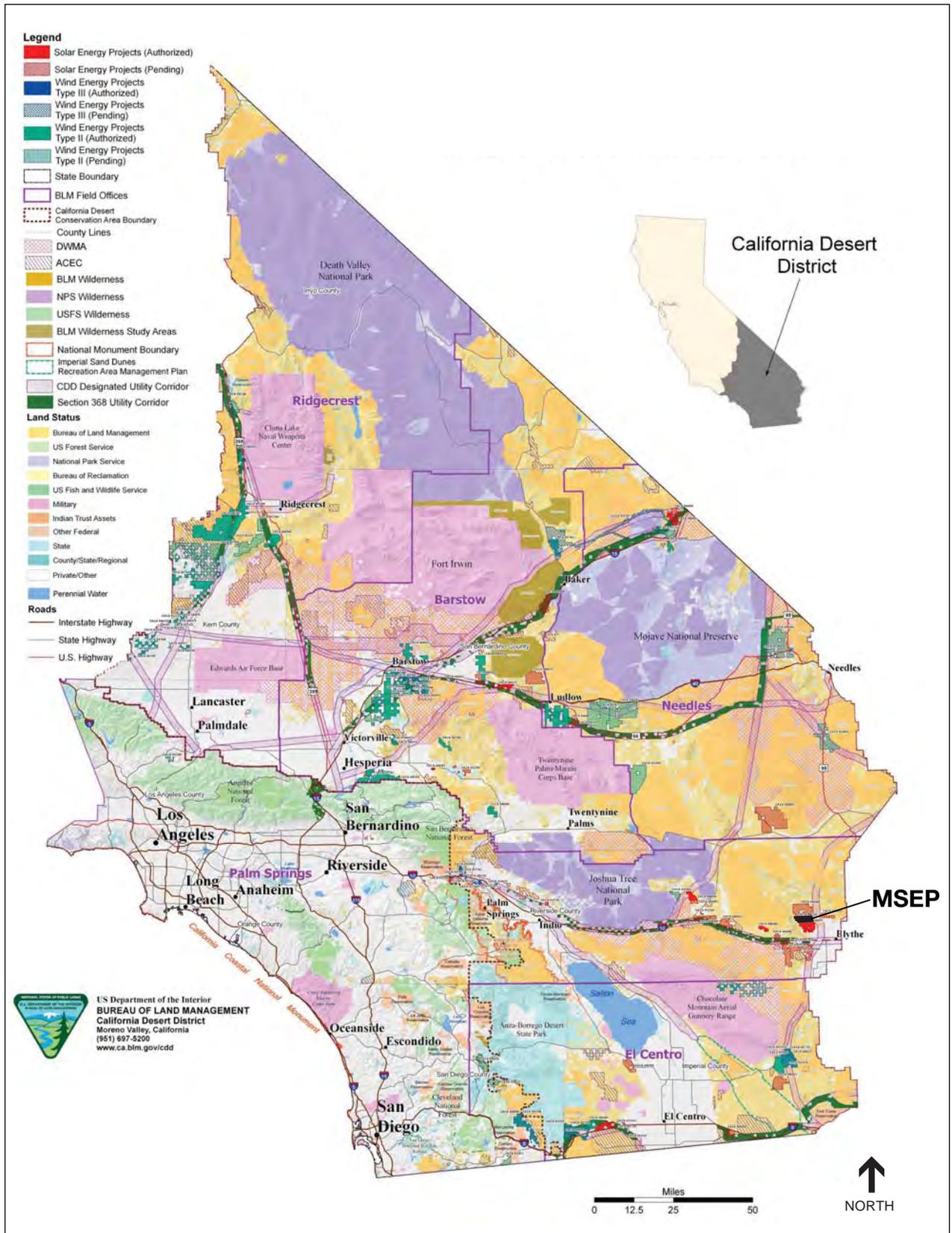


APPENDIX A

Figures

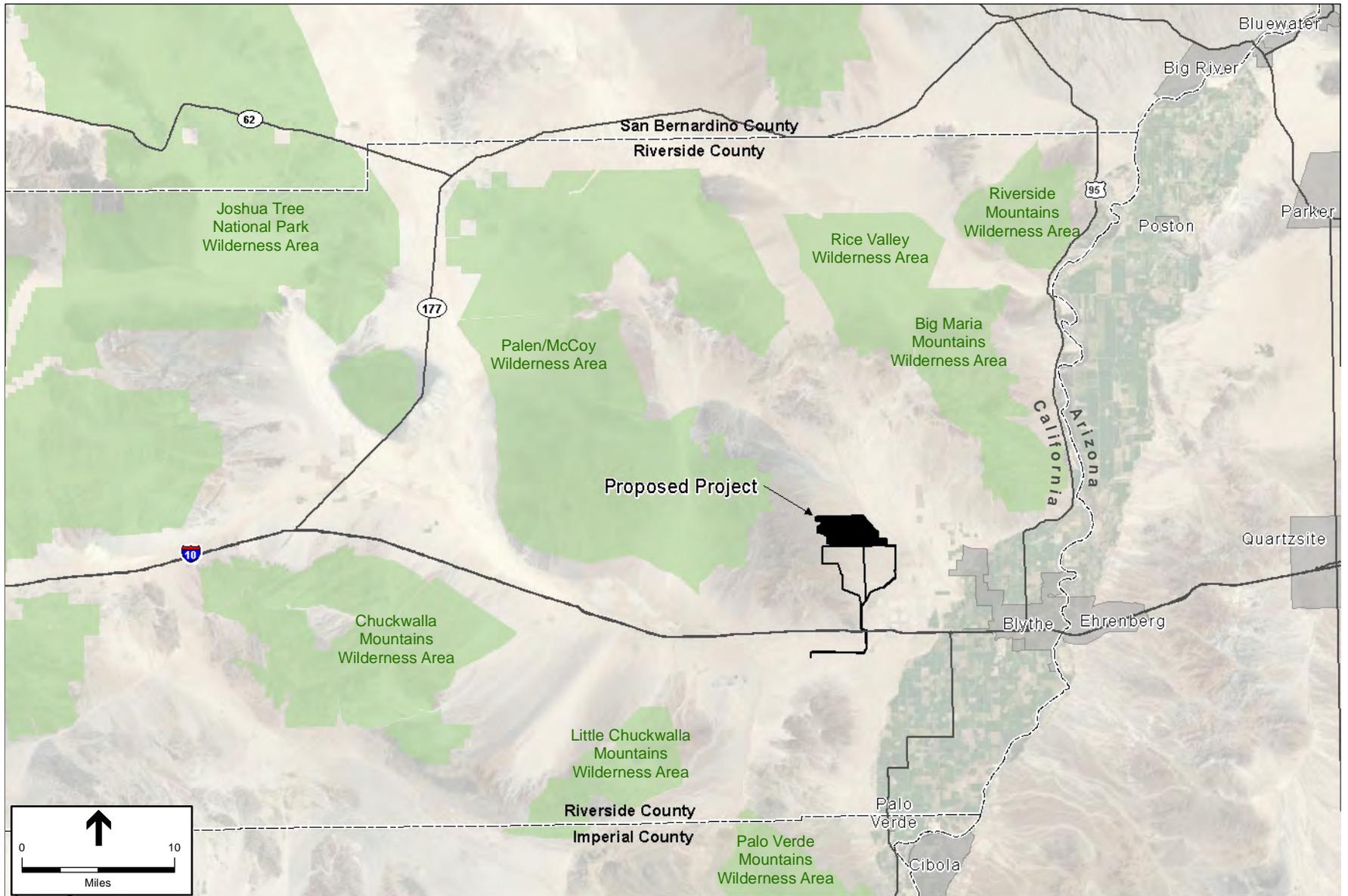
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SOURCE: BLM, 2011

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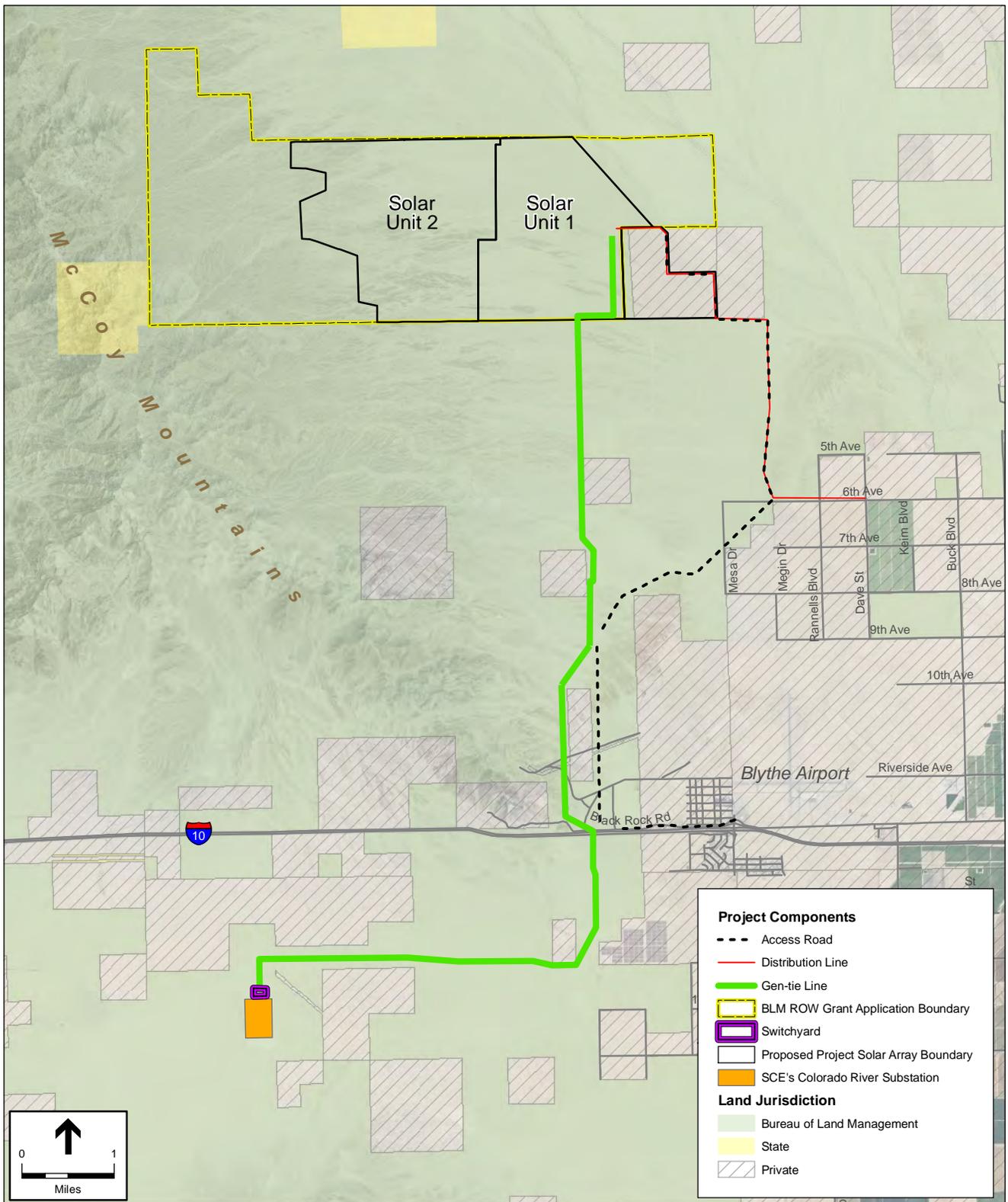
Figure 1-1
Regional Context



SOURCE: ESRI, 2011

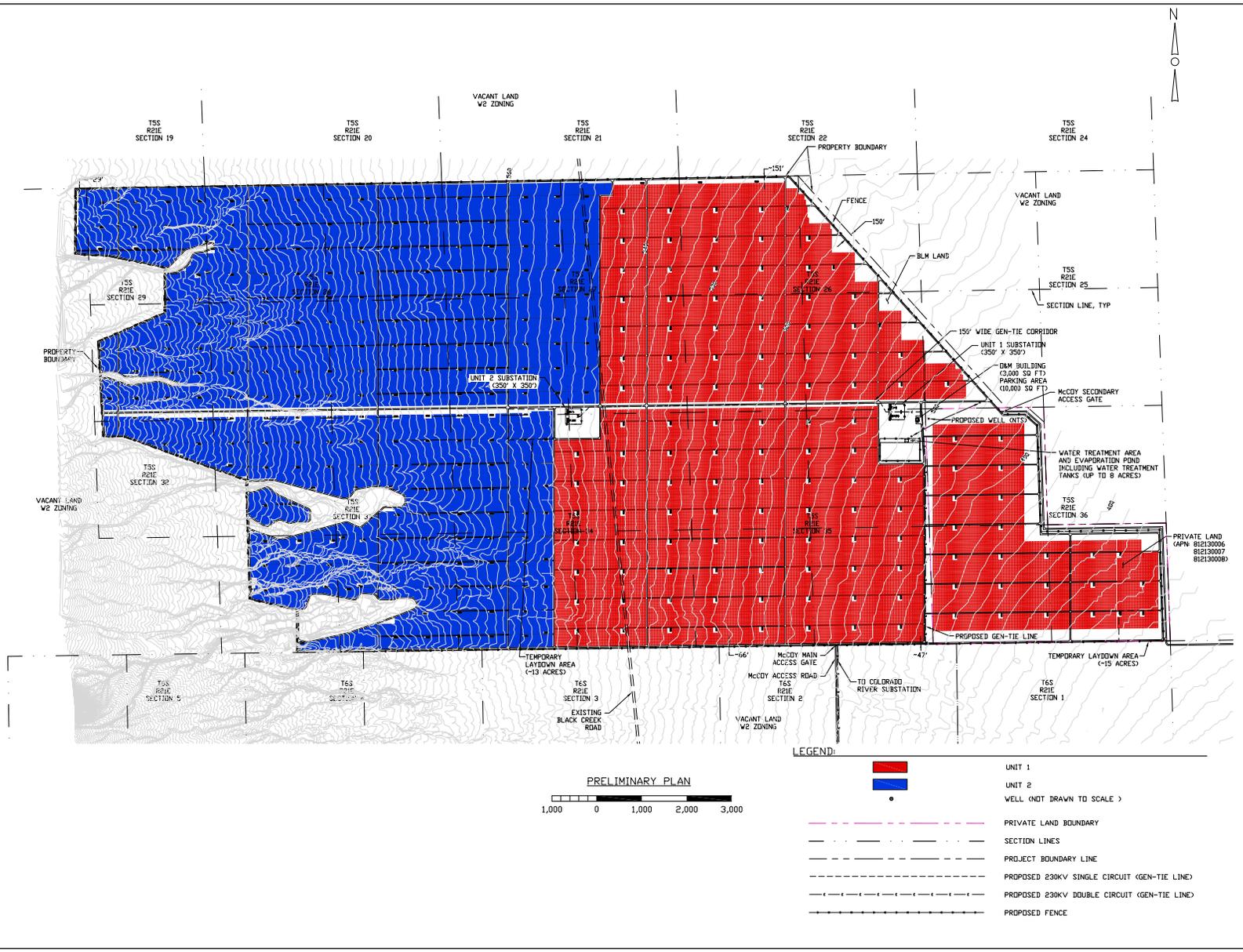
McCoy Solar Energy Project . 211516

Figure 2-1
Project Location



SOURCE: NextEra, 2011 and 2012

McCoy Solar Energy Project . 211516
Figure 2-2
 Proposed Project



SOURCE: Worley Parsons

McCoy Solar Energy Project . 211516

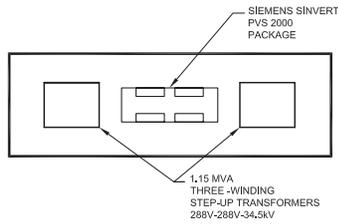
Figure 2-3
Solar Plant



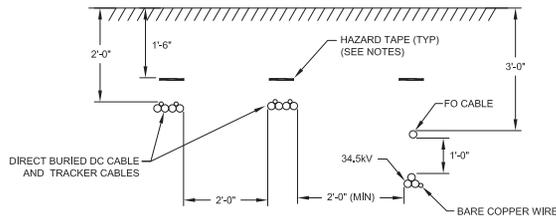
Typical Tracking Photovoltaic Array Photograph



Typical Fixed Tilt Ground Mount Photovoltaic Array

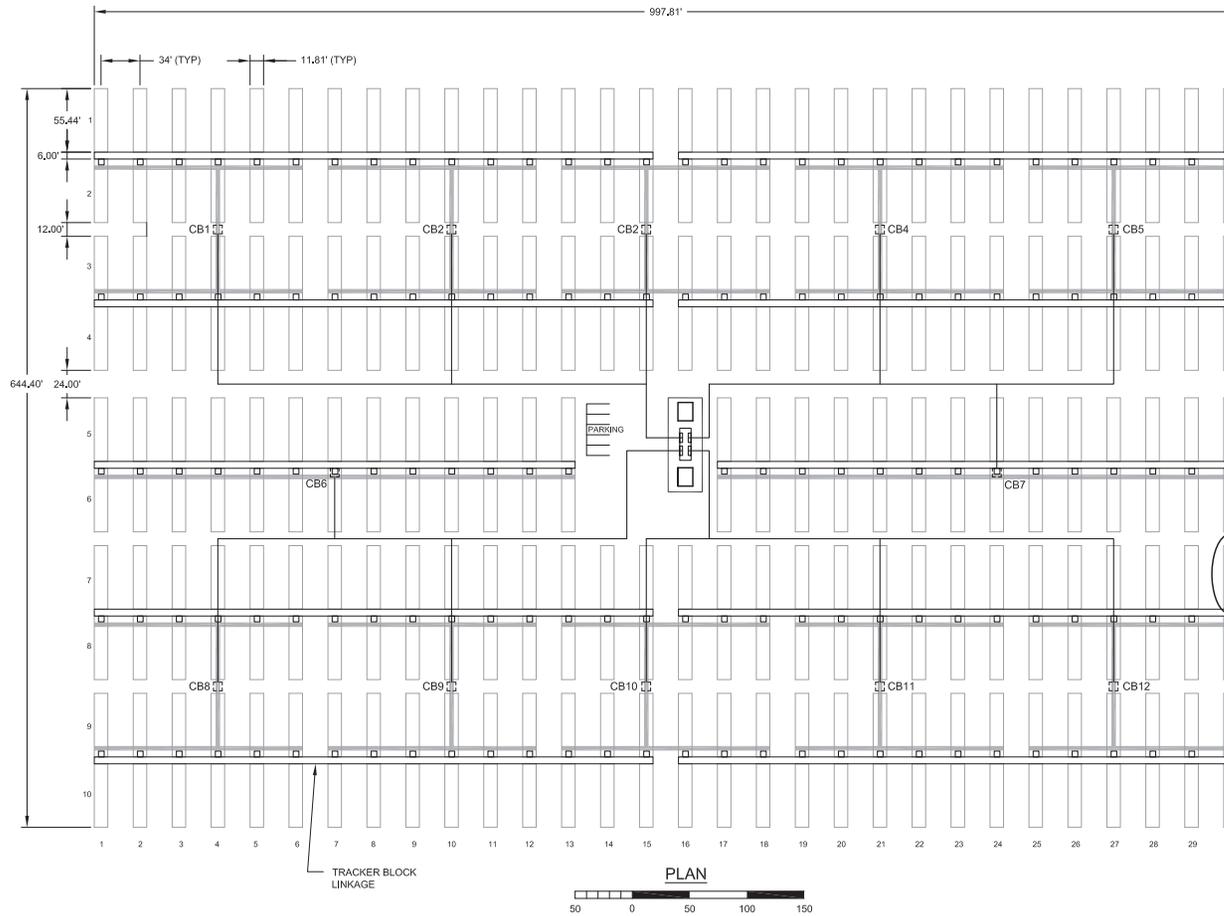


POWER CONVERSION STATION DETAIL
SCALE: NTS

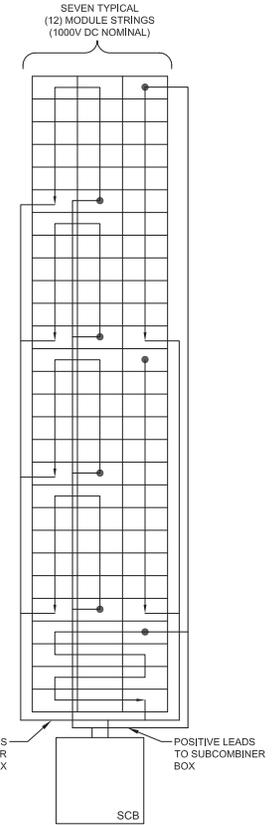


TRENCH SECTION DETAIL
SCALE: NTS

- LEGEND:**
- DIRECT BURIED DC CABLE (CB TO INVERTER)
 - CABLE TRAY (SCB TO CB) OR DIRECT BURIED DC CABLE
 - CB3 COMBINER BOX (CB)
 - SUBCOMBINER BOX (SCB)

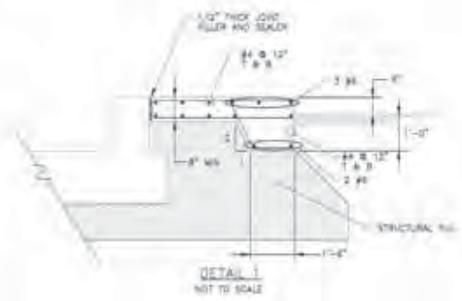
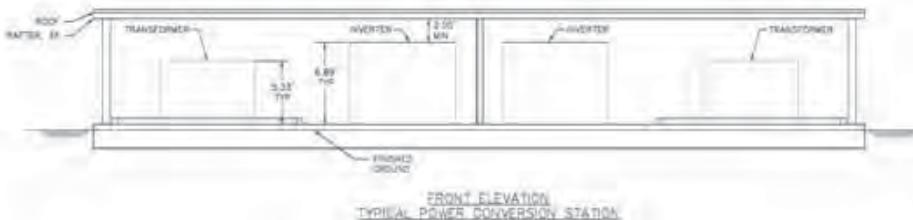
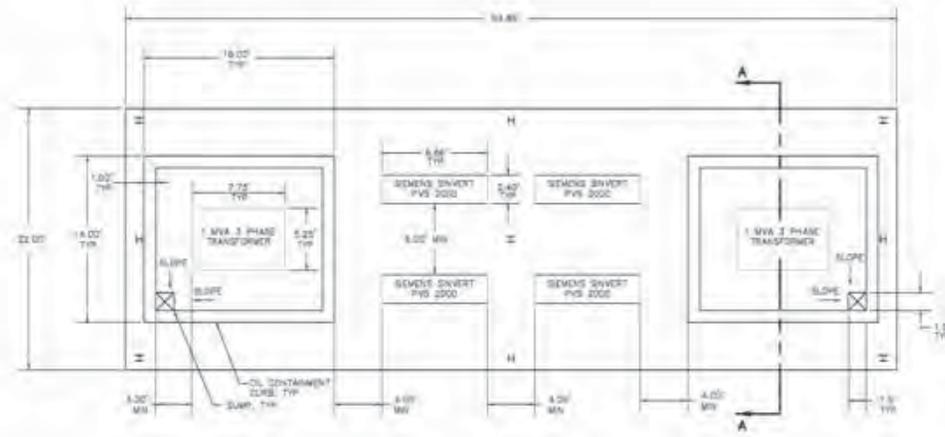
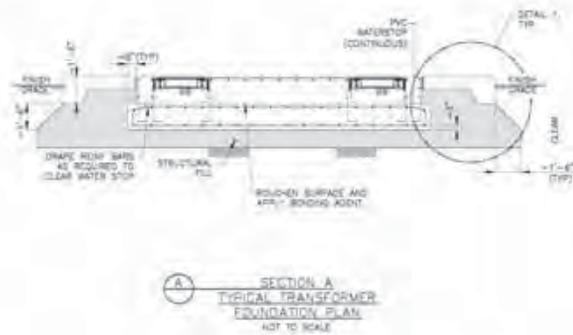


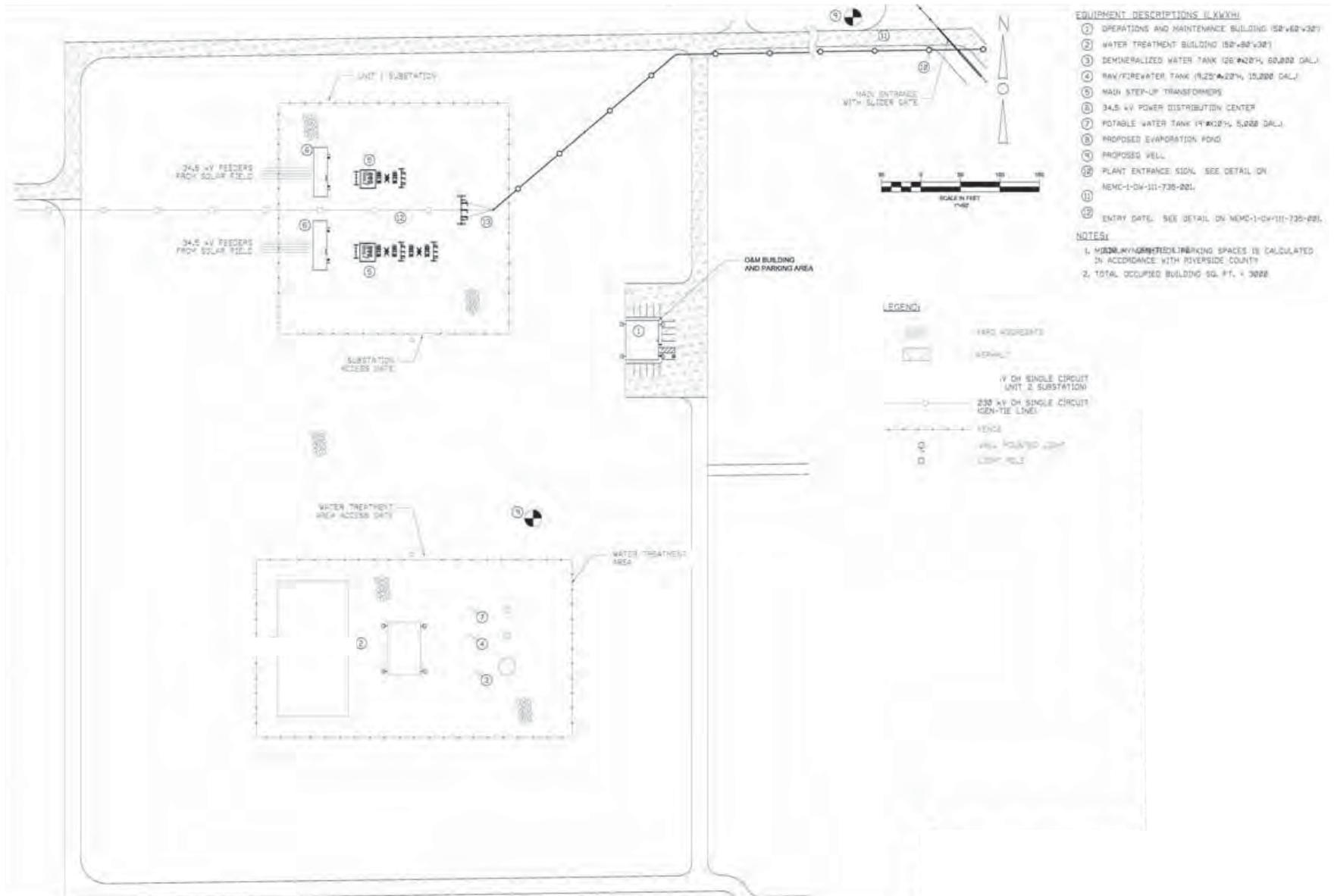
PLAN
50 0 50 100 150

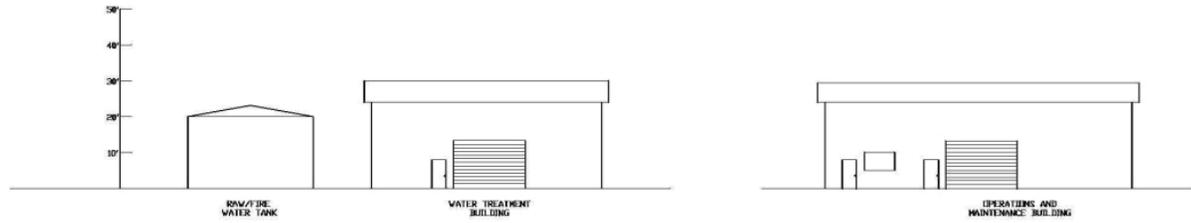


STRING WIRING SCHEMATIC
SCALE: NTS

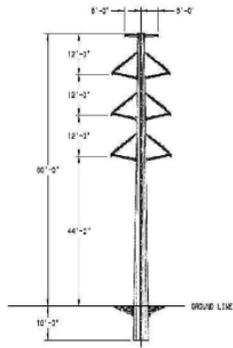
A-8



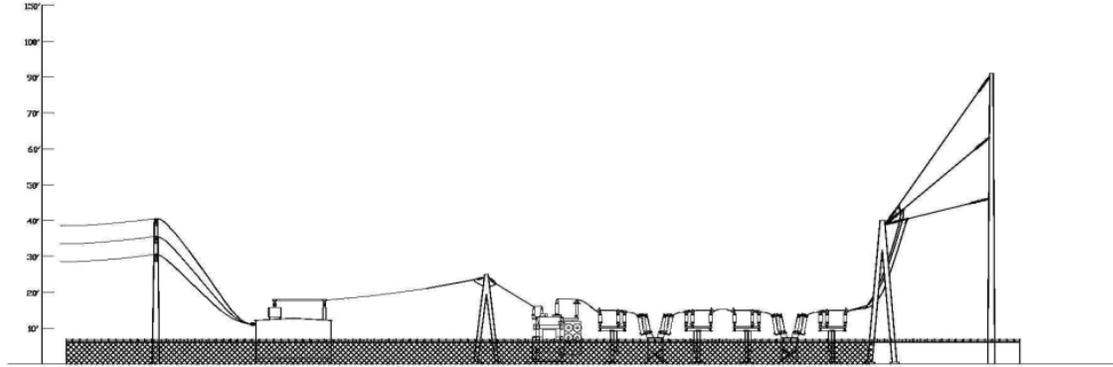




ELEVATION
TYPICAL BUILDING AND WATER TANK
NOT TO SCALE.



ELEVATION
230 KV DOUBLE CIRCUIT POLE
NOT TO SCALE.



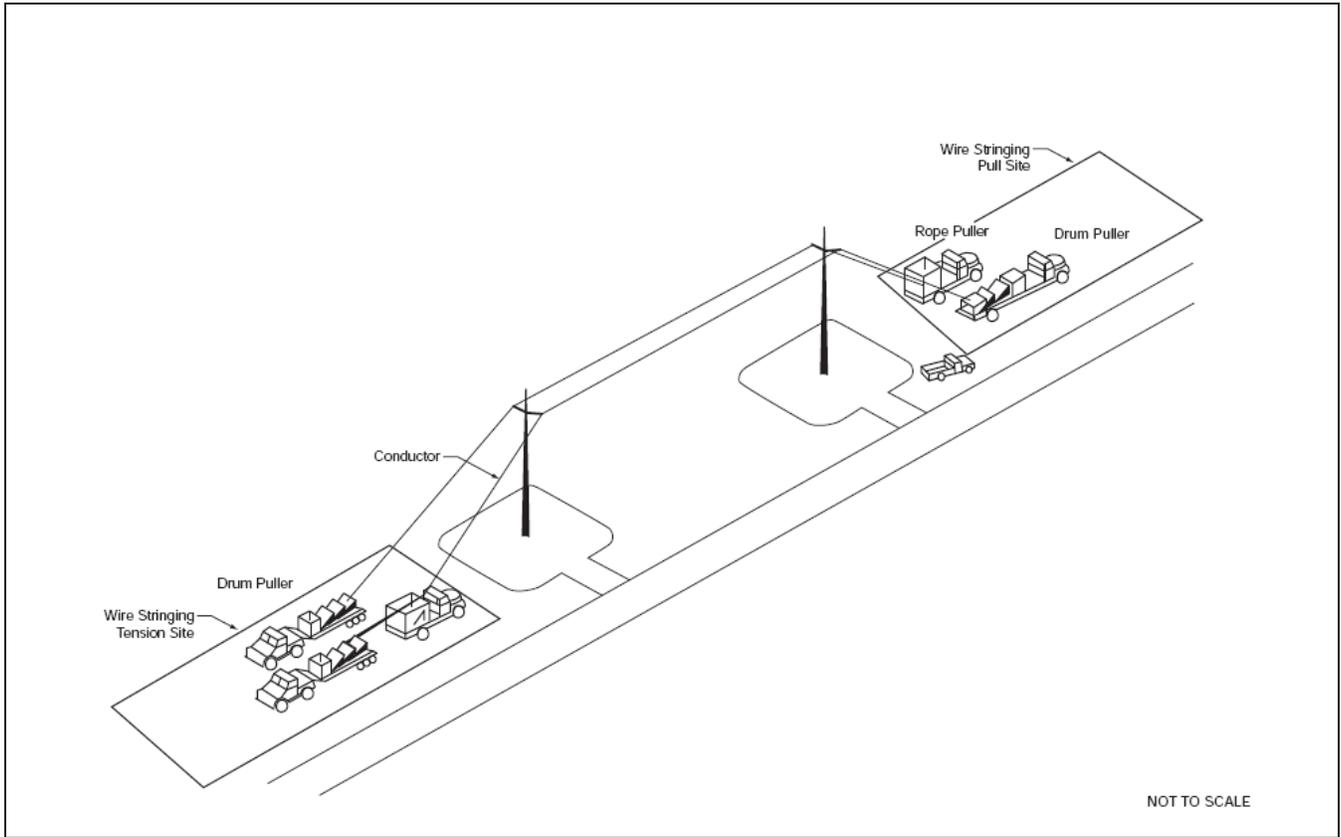
ELEVATION
TYPICAL SUBSTATION EQUIPMENT
NOT TO SCALE.

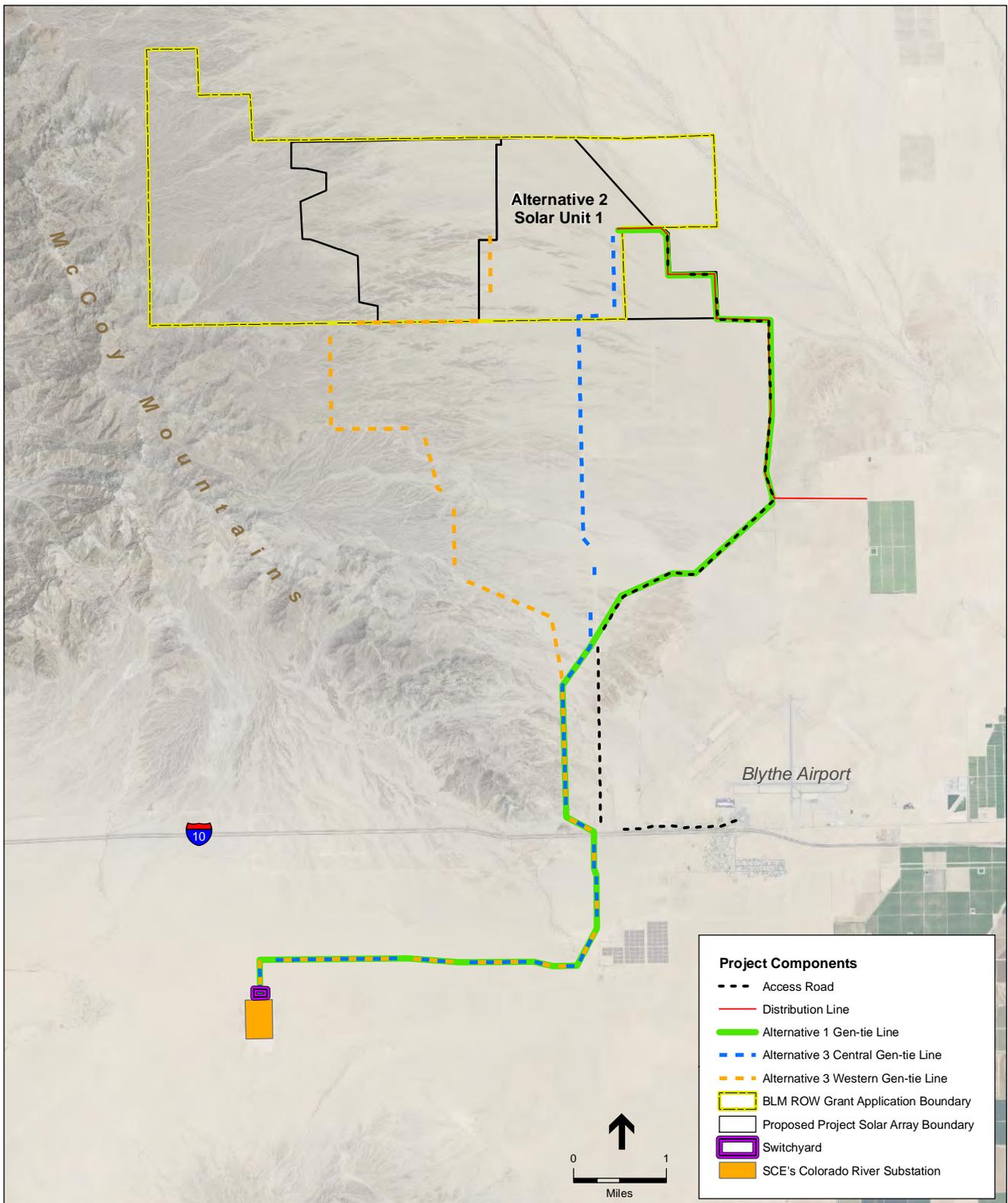


SOURCE: Campbell Scientific

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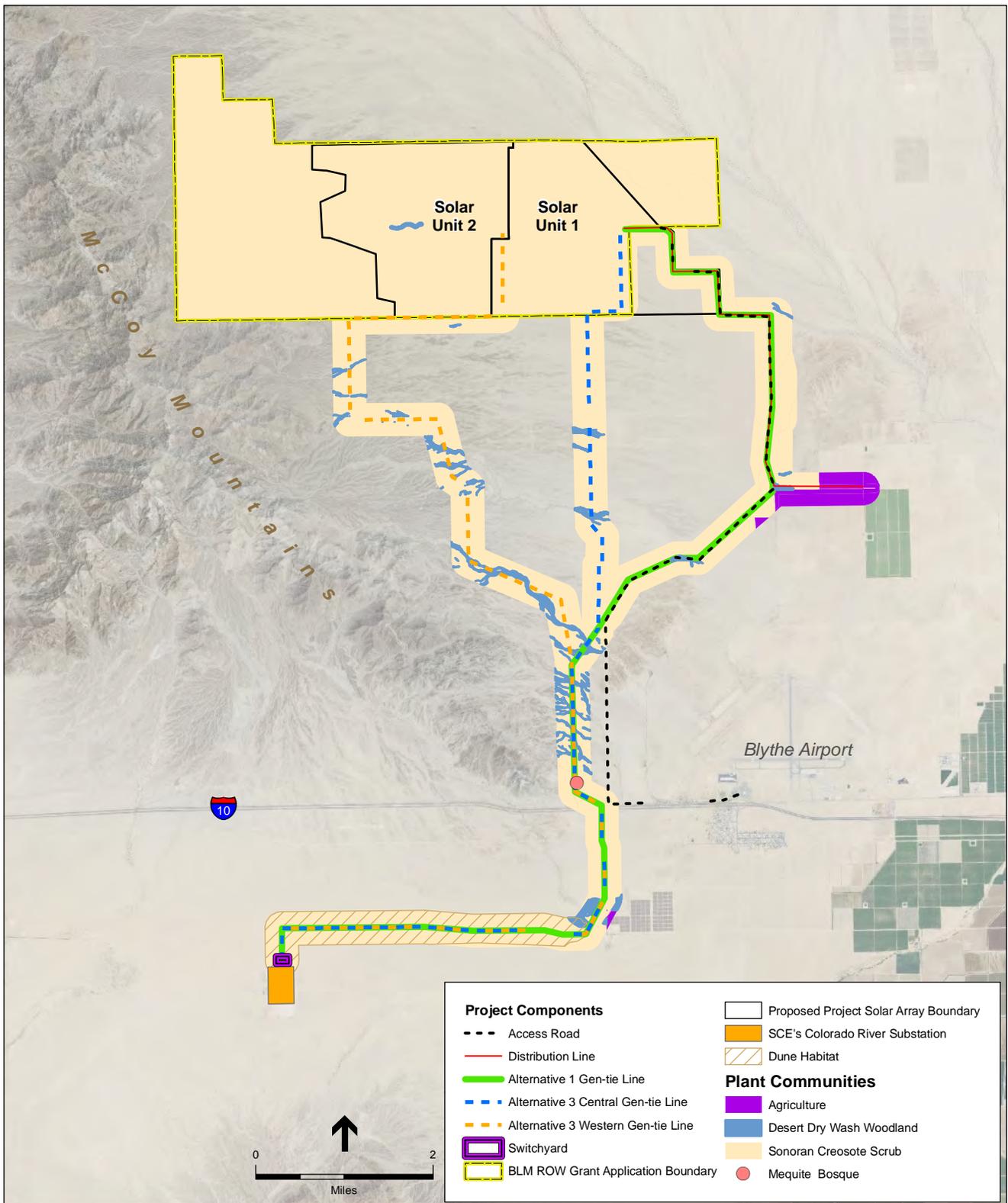
Figure 2-9
Typical Meteorological Station





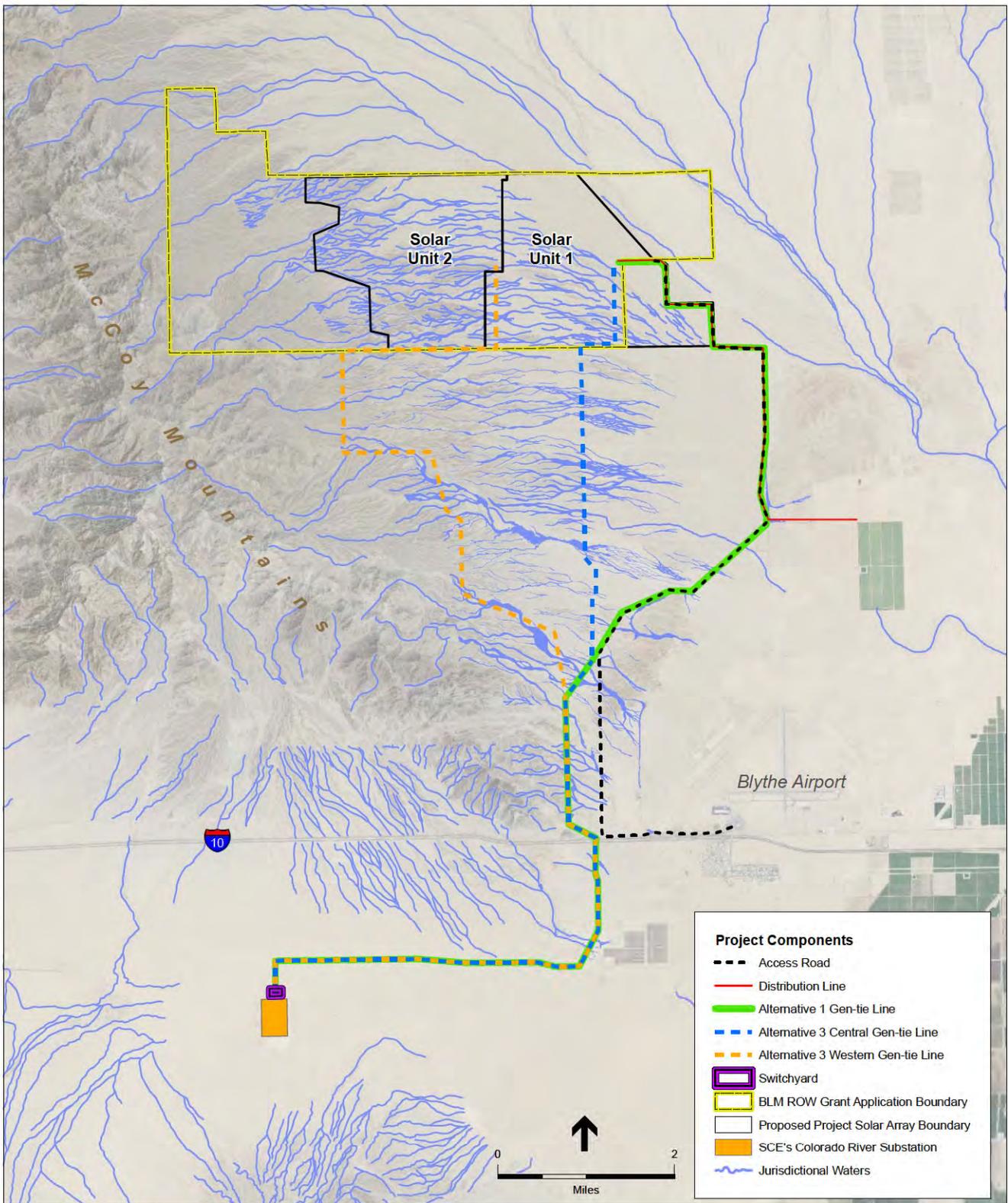
SOURCE: NextEra, 2011 and 2012

McCoy Solar Energy Project . 211516
Figure 2-11
 Project Alternatives



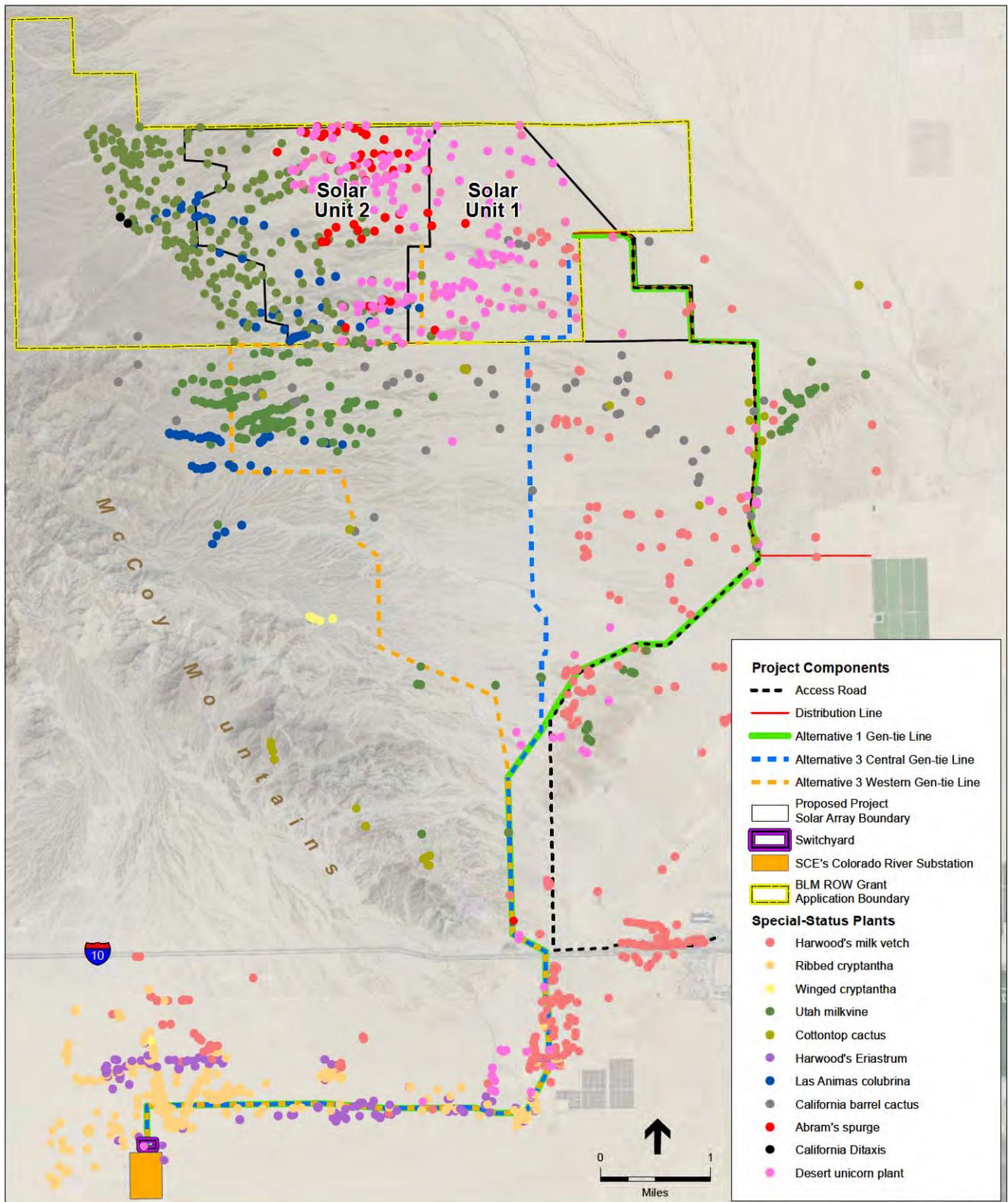
SOURCE: NextEra, 2011 and 2012; BLM, 2002

McCoy Solar Energy Project . 211516
Figure 3.3-1
 Plant Communities



SOURCE: NextEra, 2011 and 2012; TetraTech, 2011; AECOM, 2010; USGS, 2011

McCoy Solar Energy Project . 211516
Figure 3.3-2
 Jurisdictional Waters

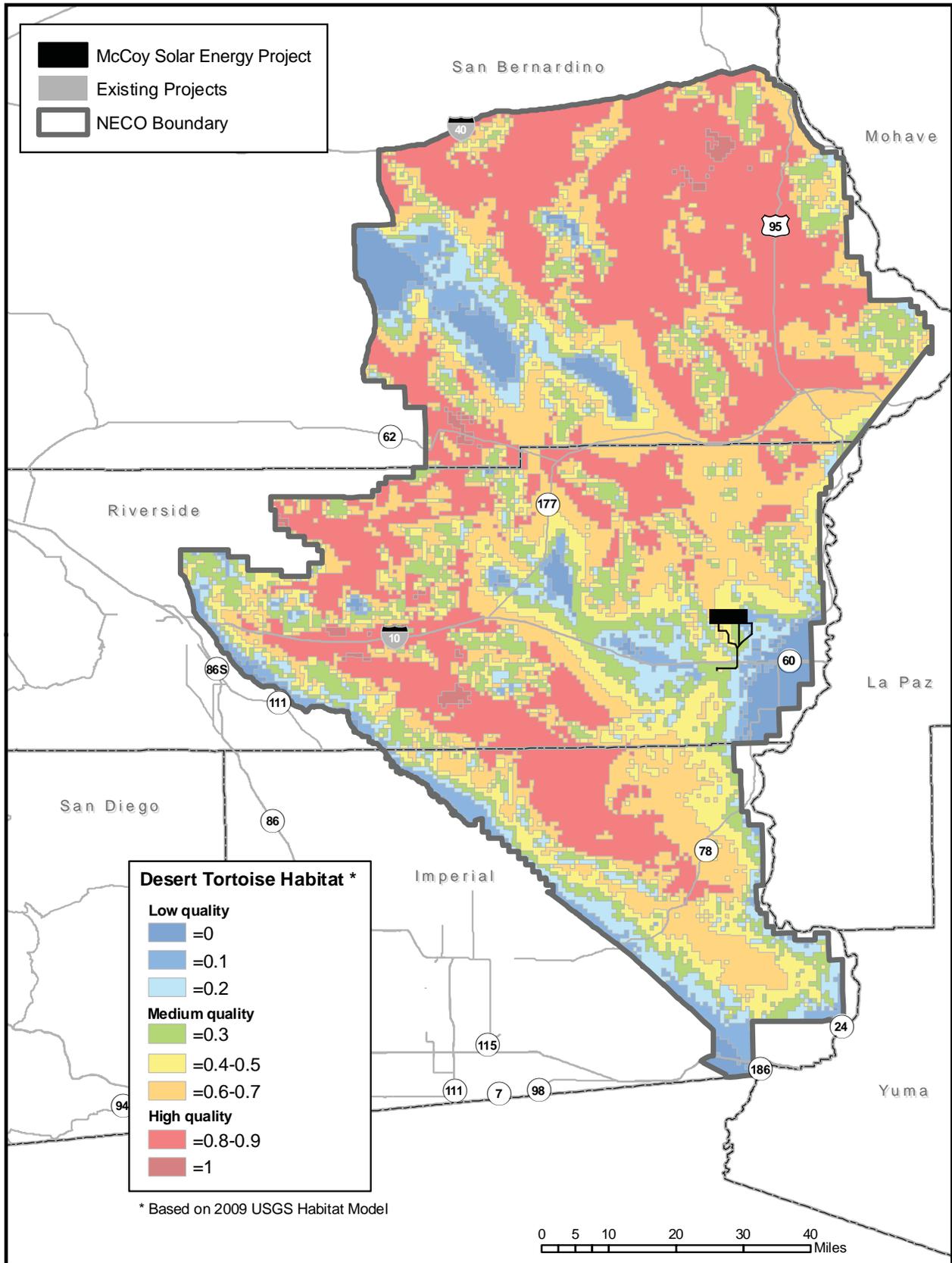


SOURCE: NextEra, 2011 and 2012; Tetra Tech, 2011; AECOM, 2010

McCoy Solar Energy Project . 211516

Figure 3.3-3
Special Status Plants

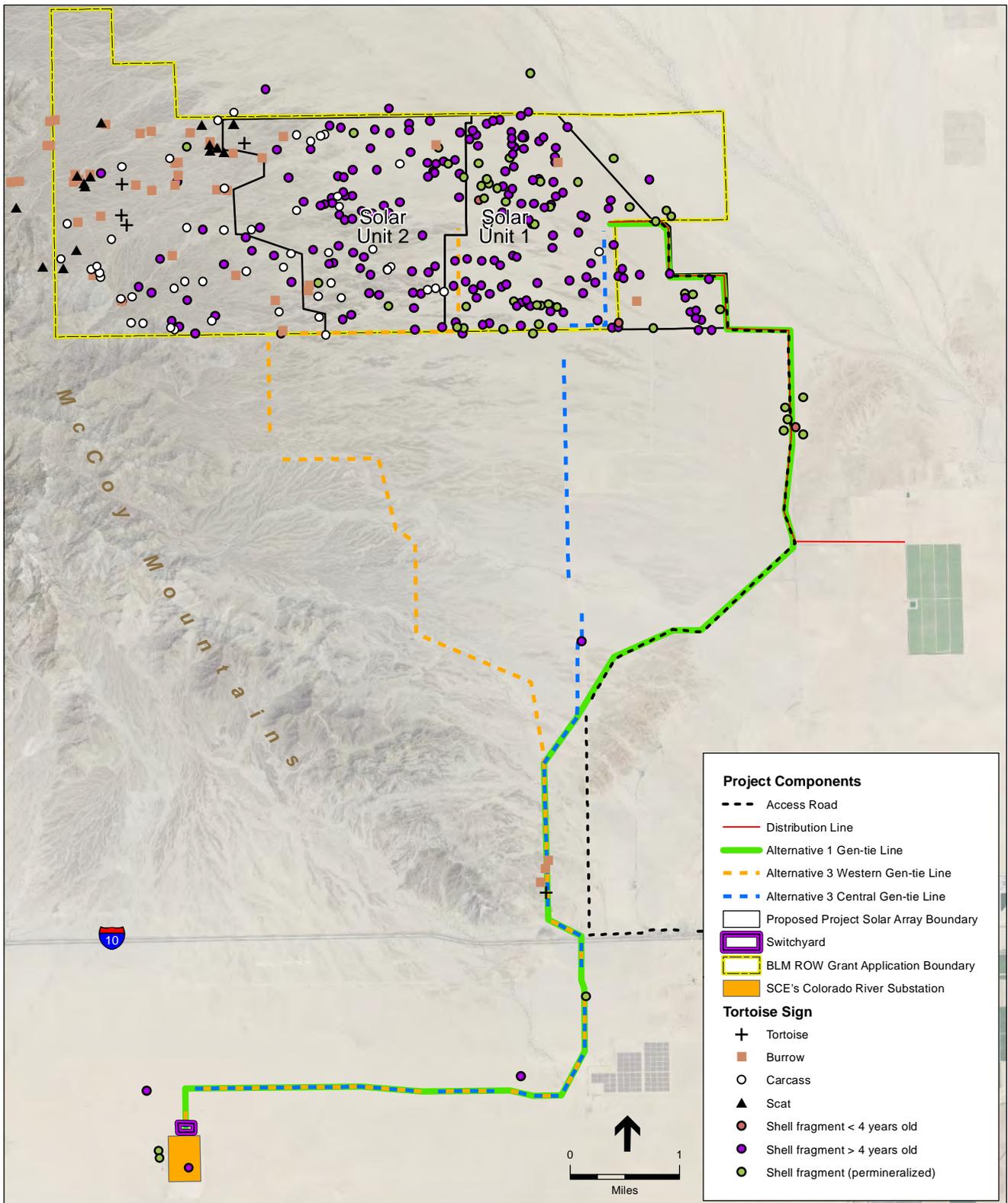
Note: Botanical surveys for the Alternative 3 routes may not be complete.



SOURCE: CEC, 2010

McCoy Solar Energy Project . 211516

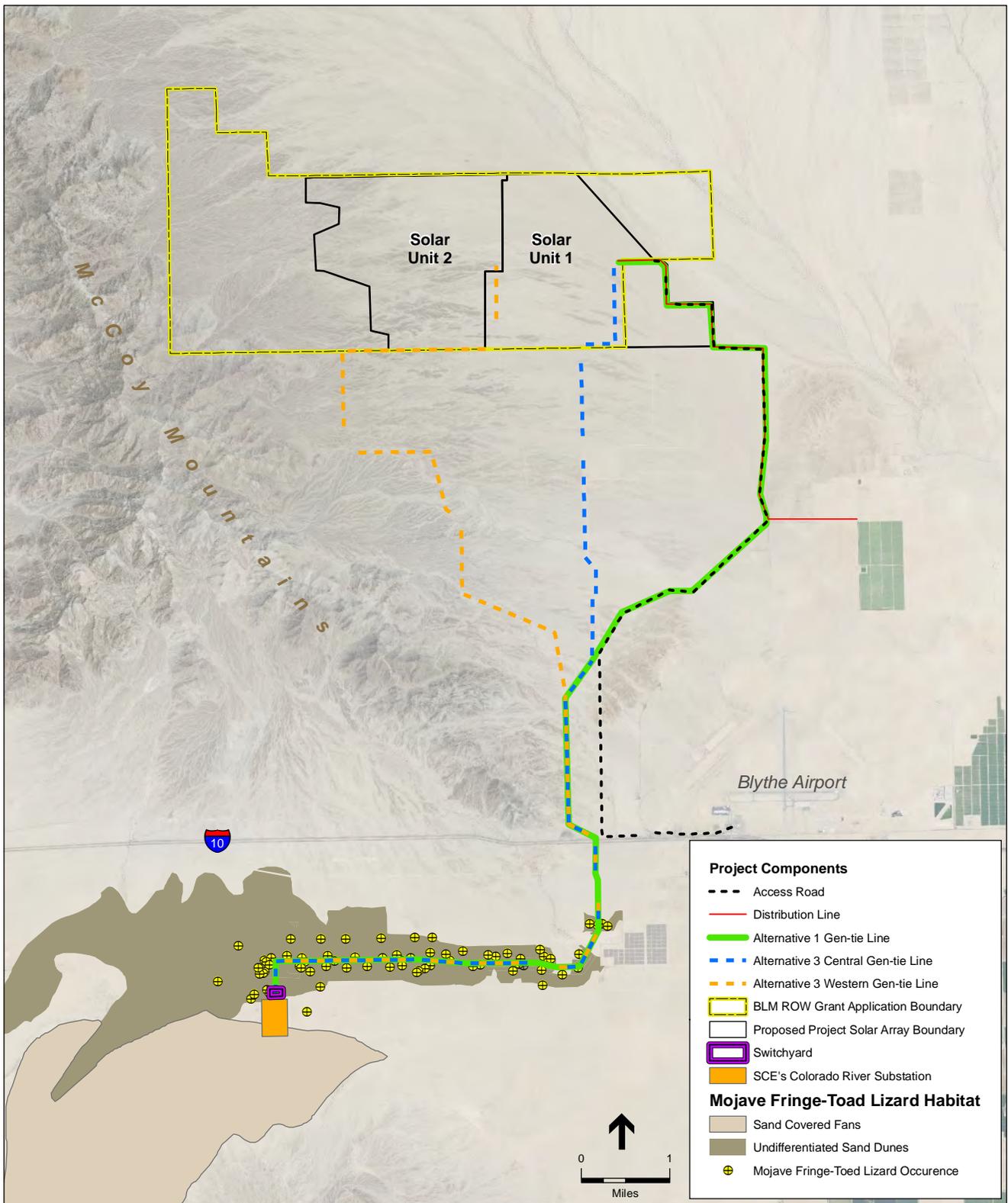
Figure 3.4-1
Desert Tortoise Habitat



SOURCE: NextEra, 2011 and 2012; TetraTech, 2011

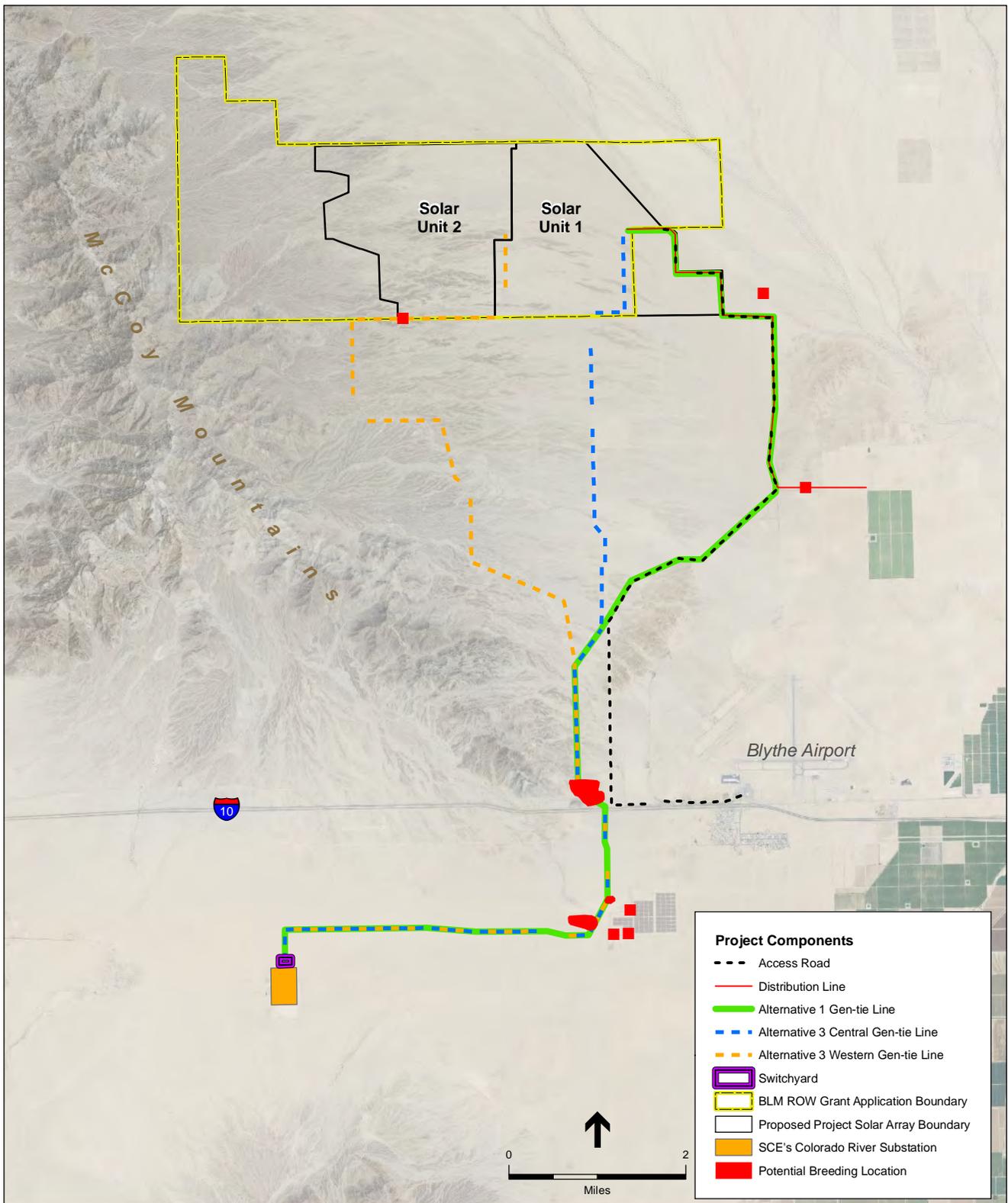
McCoy Solar Energy Project . 211516

Figure 3.4-2
Desert Tortoise Observations in Spring 2011



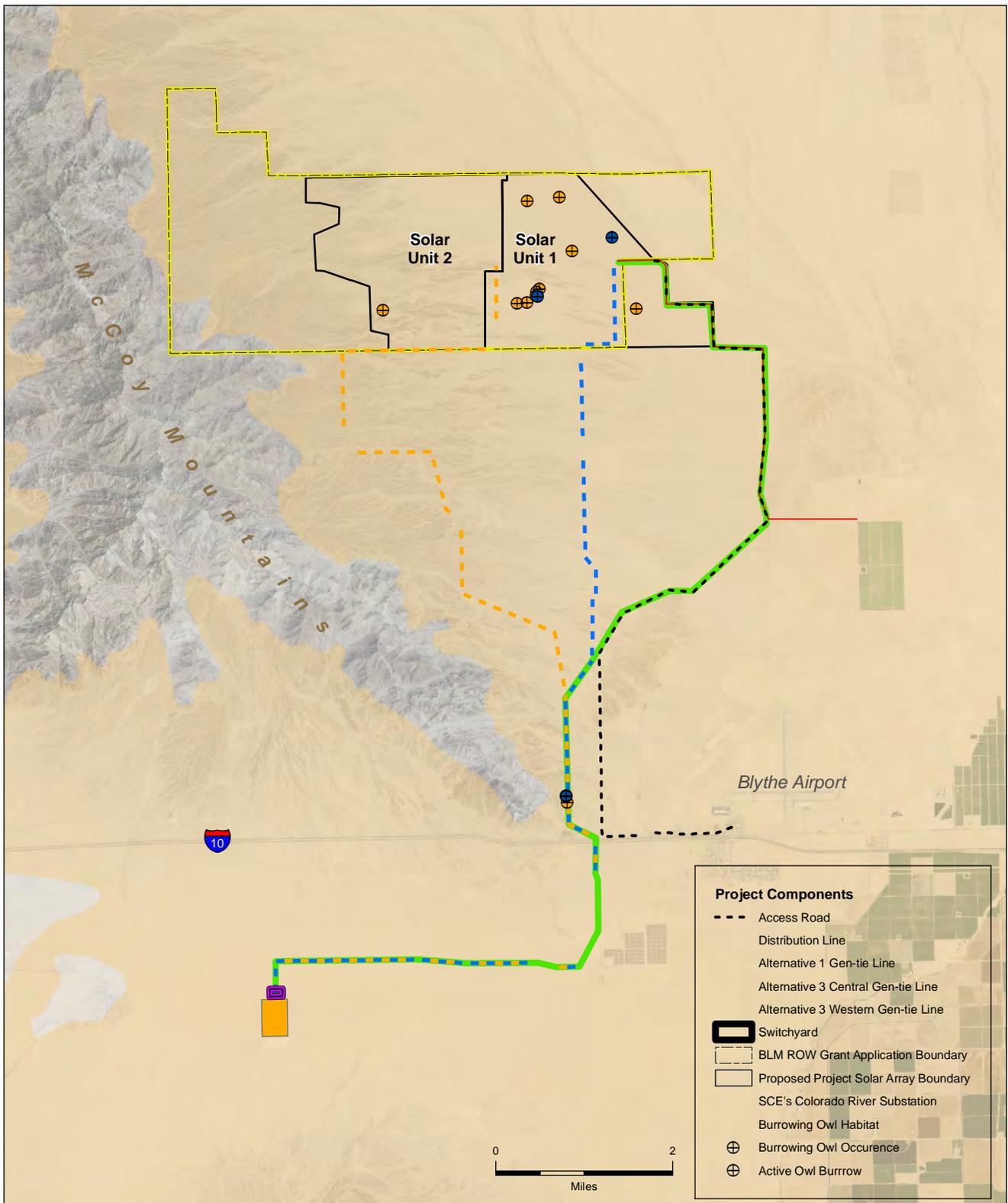
SOURCE: NextEra, 2011 and 2012; BLM, 2002

McCoy Solar Energy Project . 211516
Figure 3.4-3
 Mojave Fringe-Toed Lizard Habitat



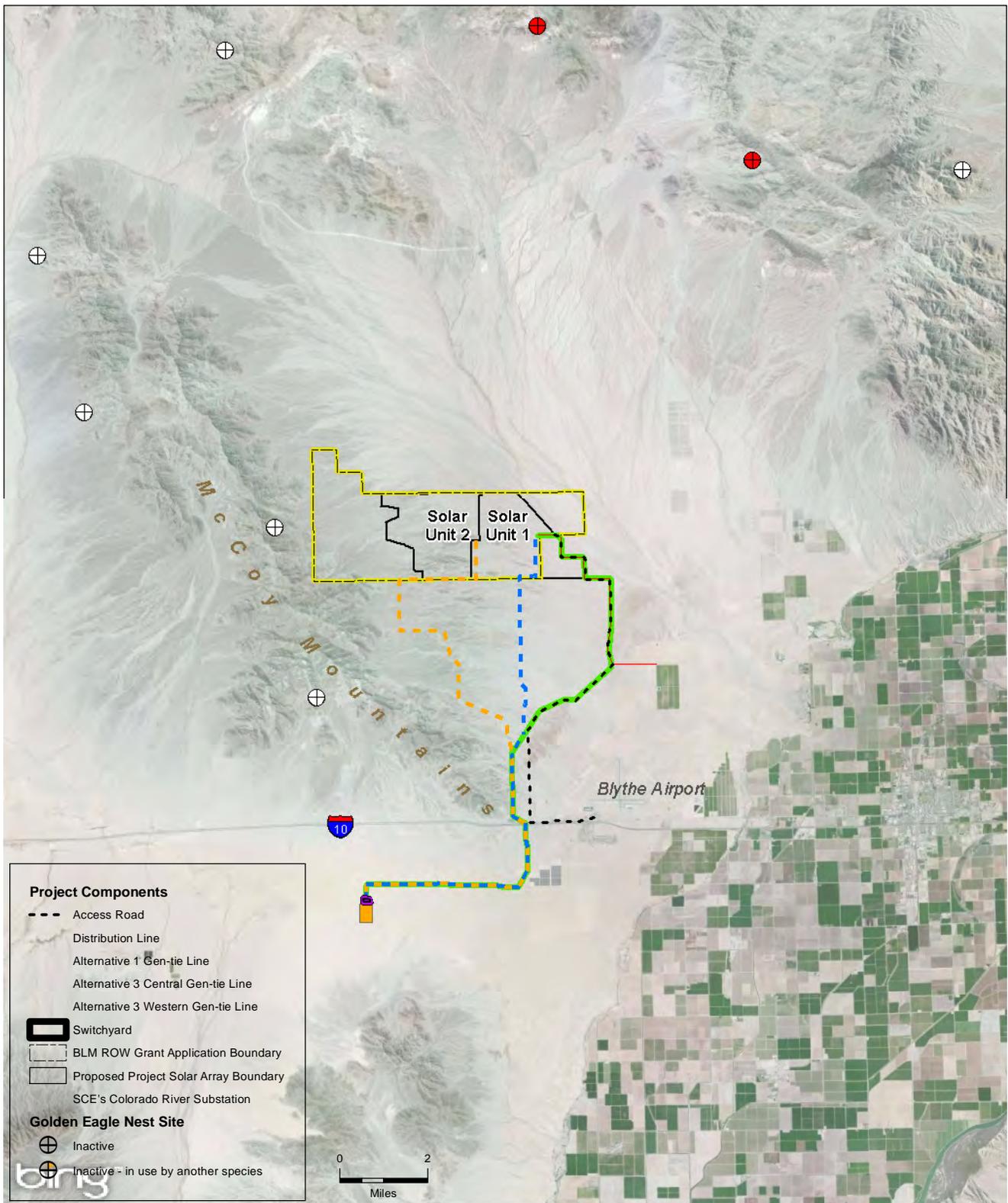
SOURCE: NextEra, 2011 and 2012; BLM, 2002

McCoy Solar Energy Project . 211516
Figure 3.4-4
 Potential Couch's Spadefoot
 Toad Breeding Locations



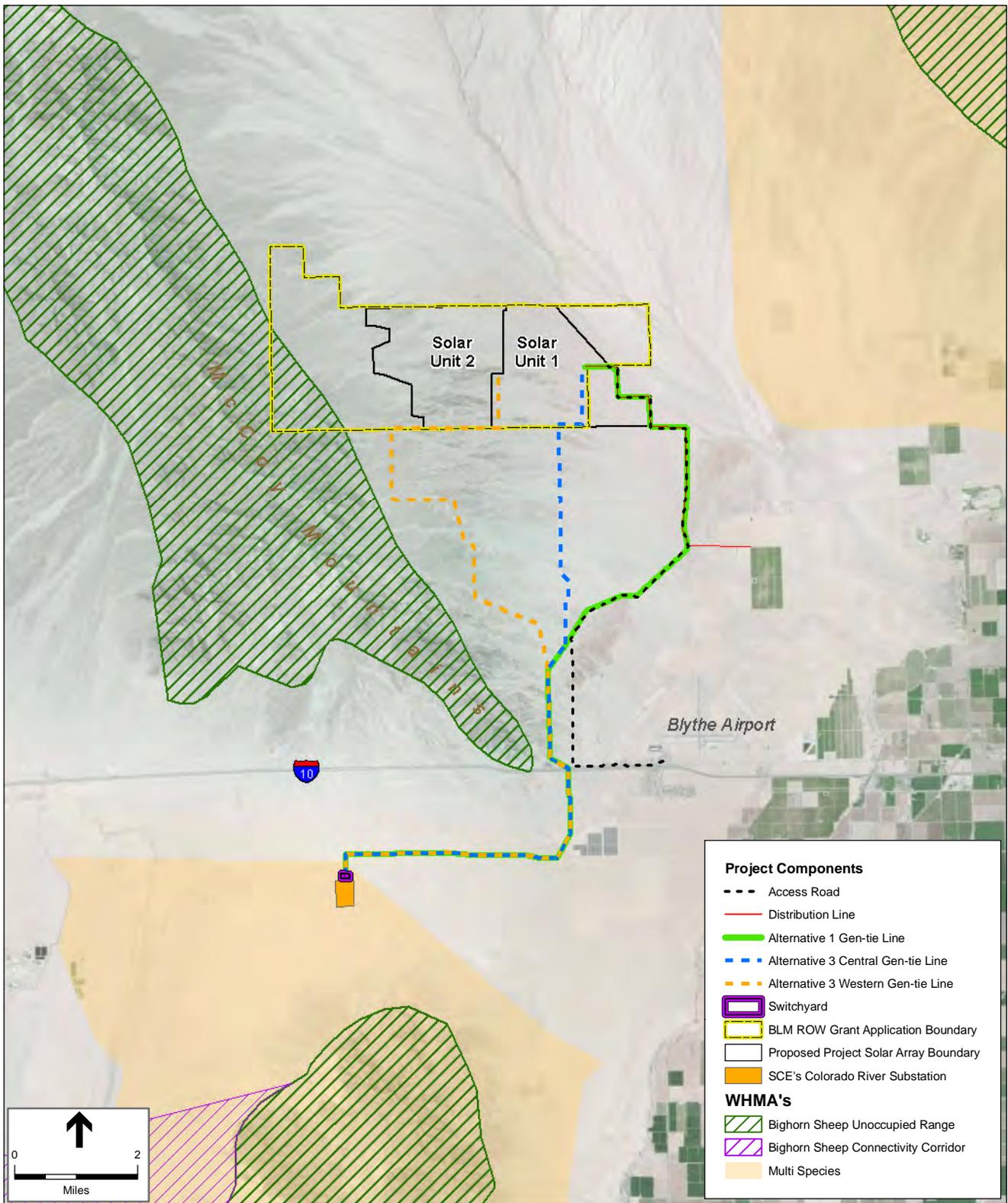
SOURCE: NextEra, 2011 and 2012; BLM, 2002

McCoy Solar Energy Project . 211516
Figure 3.4-5
 Burrowing Owl Habitat



SOURCE: NextEra, 2011 and 2012; TetraTech, 2011

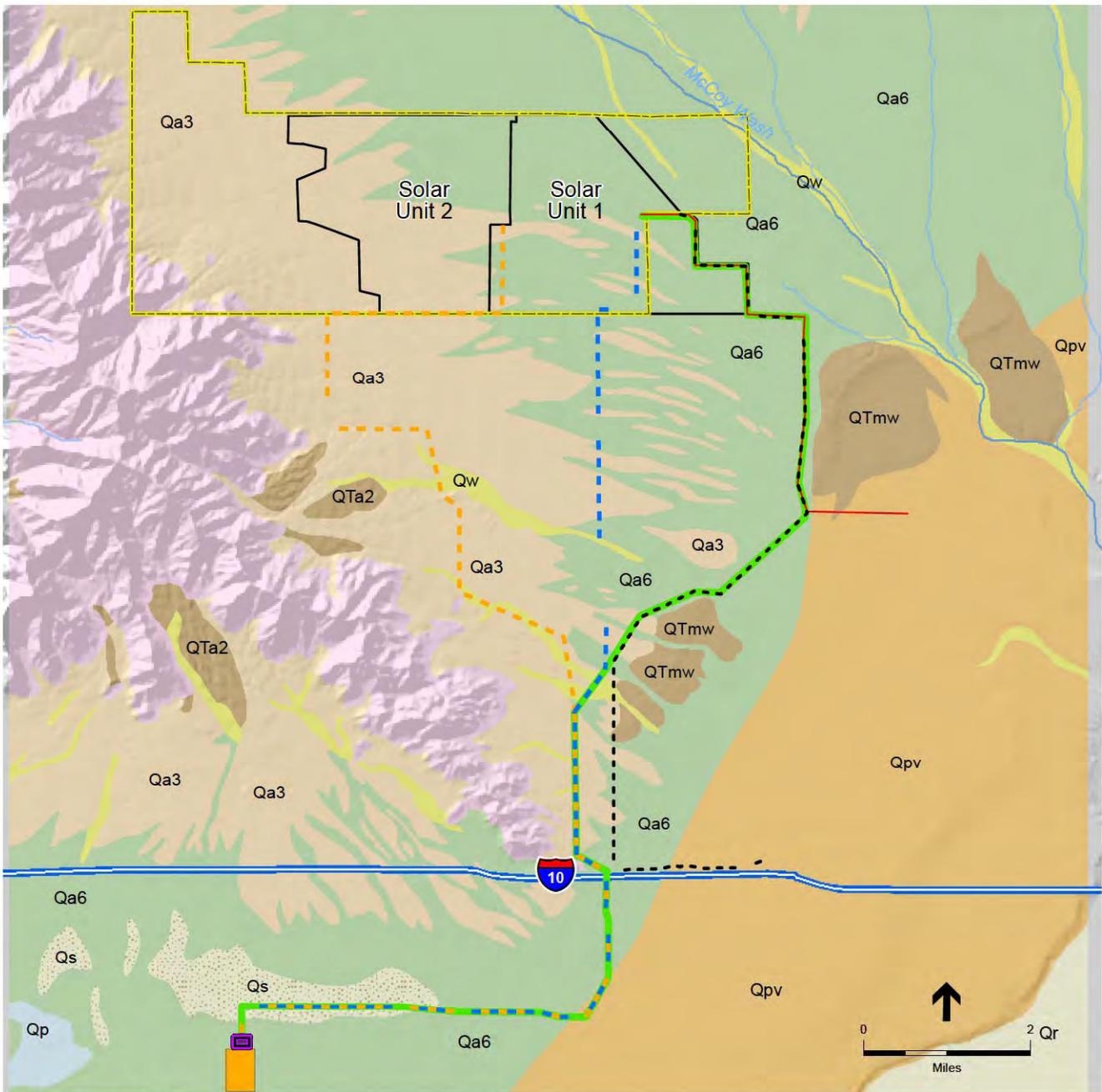
McCoy Solar Energy Project . 211516
Figure 3.4-6
 Golden Eagle Nest Locations



SOURCE: NextEra, 2011 and 2012; BLM, 2002

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Figure 3.4-7
Bighorn Sheep WHMA and Multi Species WHMA



Geologic Unit

- Qw, Modern Wash Deposits (Holocene)
- Qr, Modern Colorado Floodplain (Holocene)
- Qp, Playa Lake Deposits (Holocene)
- Qs, Aeolian Sand (Holocene)
- Qa6, Alluvial Fan/Alluvial Valley Deposits (Holocene)
- Qa3, Alluvial Fan/Valley Deposits (Holocene/Pleistocene)
- Qpv, Alluvial Deposits of Palo Verde Mesa (Pleistocene)
- QTmw; QTa2, Alluvial Deposits (Pleistocene/Pliocene)
- McCoy Mtn Formation (Jurassic+Cretaceous)

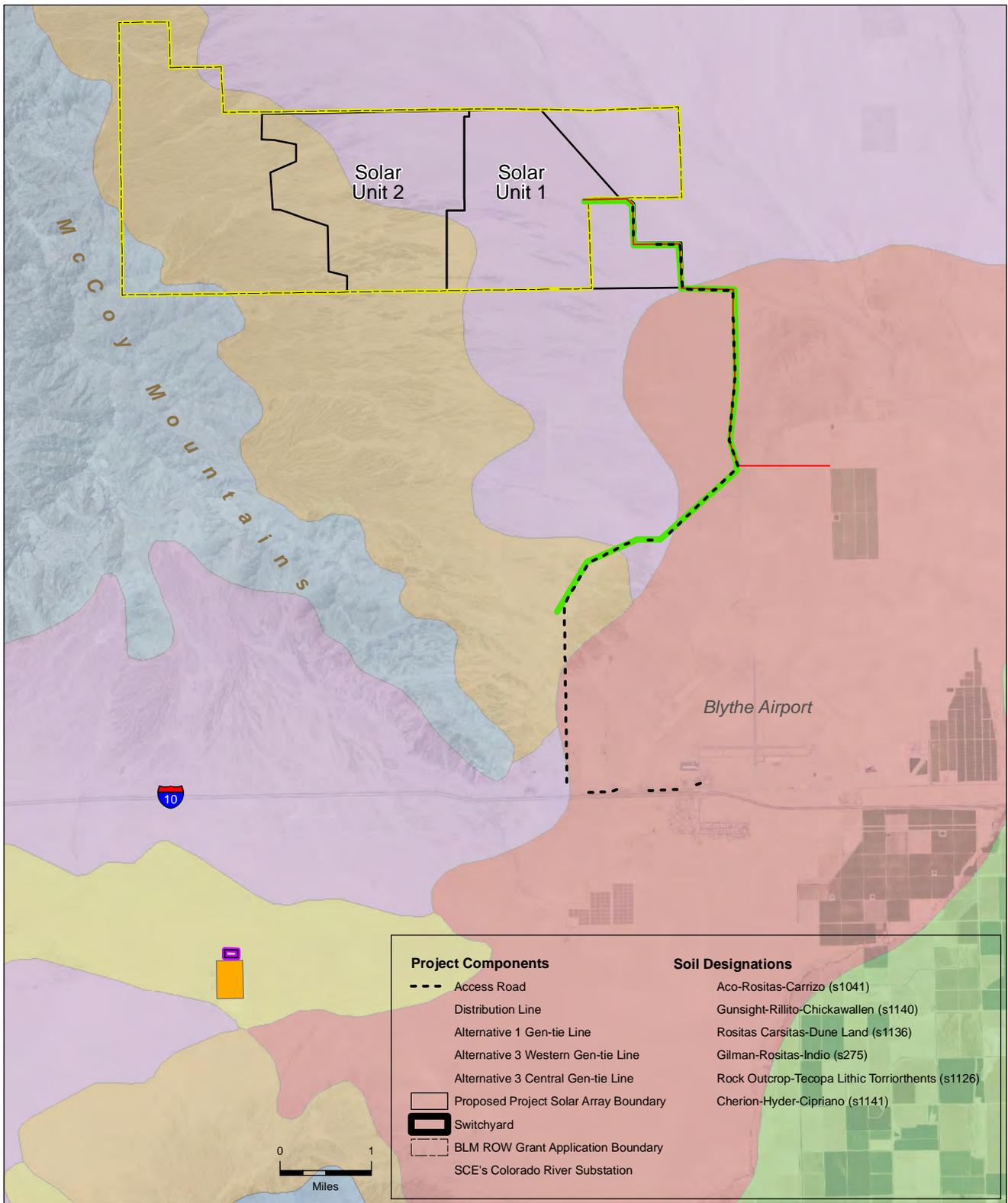
Project Components

- Access Road
- Distribution Line
- Alternative 1 Gen-tie Route
- Alternative 3 Central Gen-tie Line
- Alternative 3 Western Gen-tie Line
- Switchyard
- SCE's Colorado River Substation
- Proposed Project Solar Array Boundary
- BLM ROW Grant Application Boundary

SOURCE: USGS, 2006

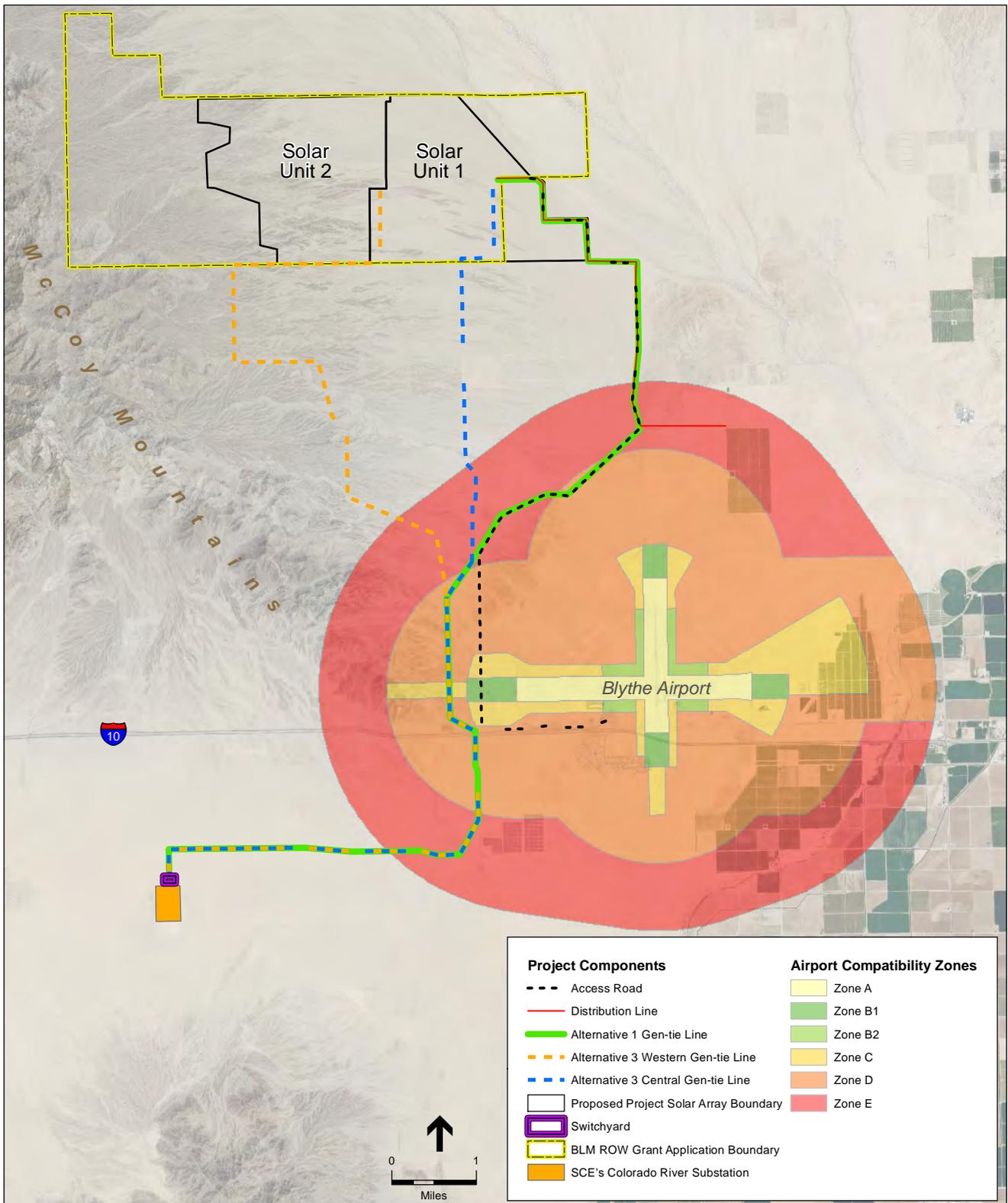
McCoy Solar Energy Project . 211516

Figure 3.7-1
Site Geology



SOURCE: NextEra, 2011 and 2012; Tetra Tech, 2011

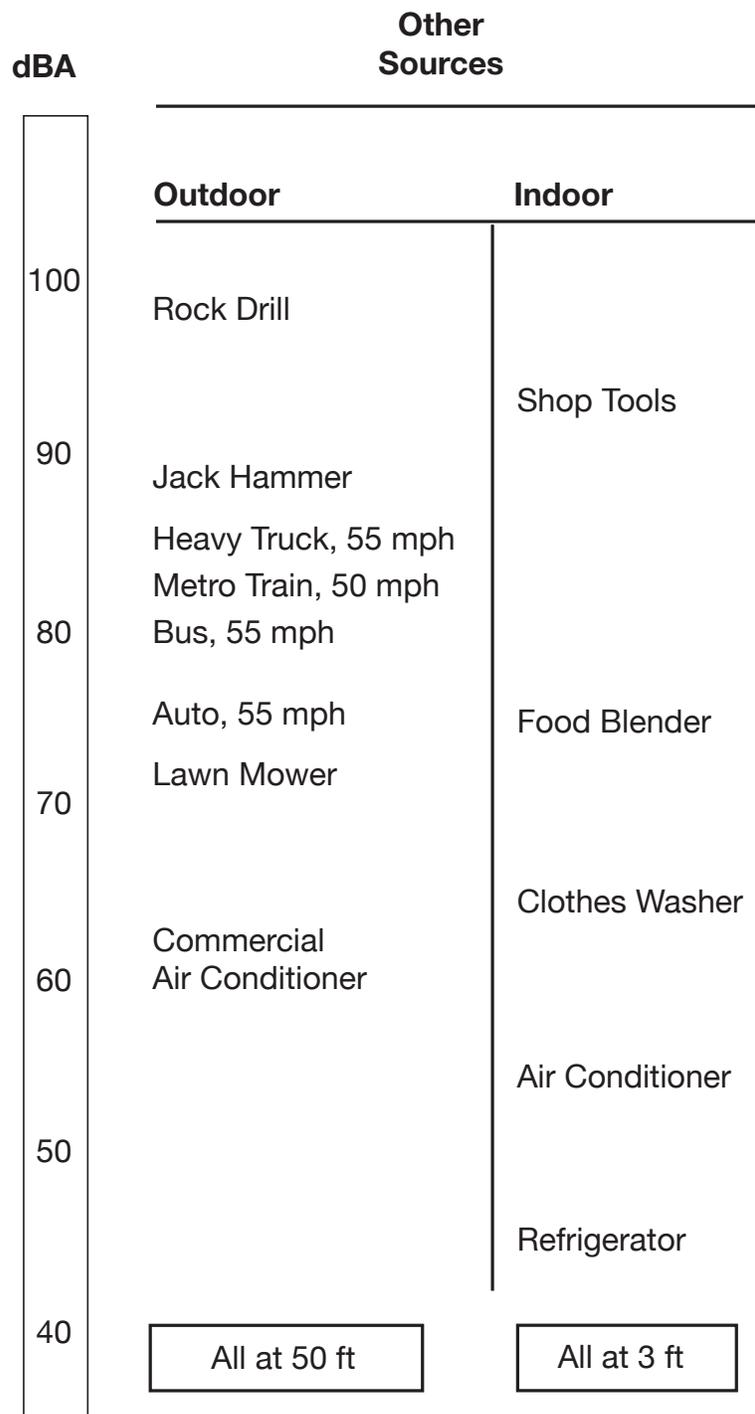
McCoy Solar Energy Project . 211516
Figure 3.7-2
 Regional Soils



SOURCE: NextEra, 2011 and 2012; Riverside County, 2011

McCoy Solar Energy Project . 211516

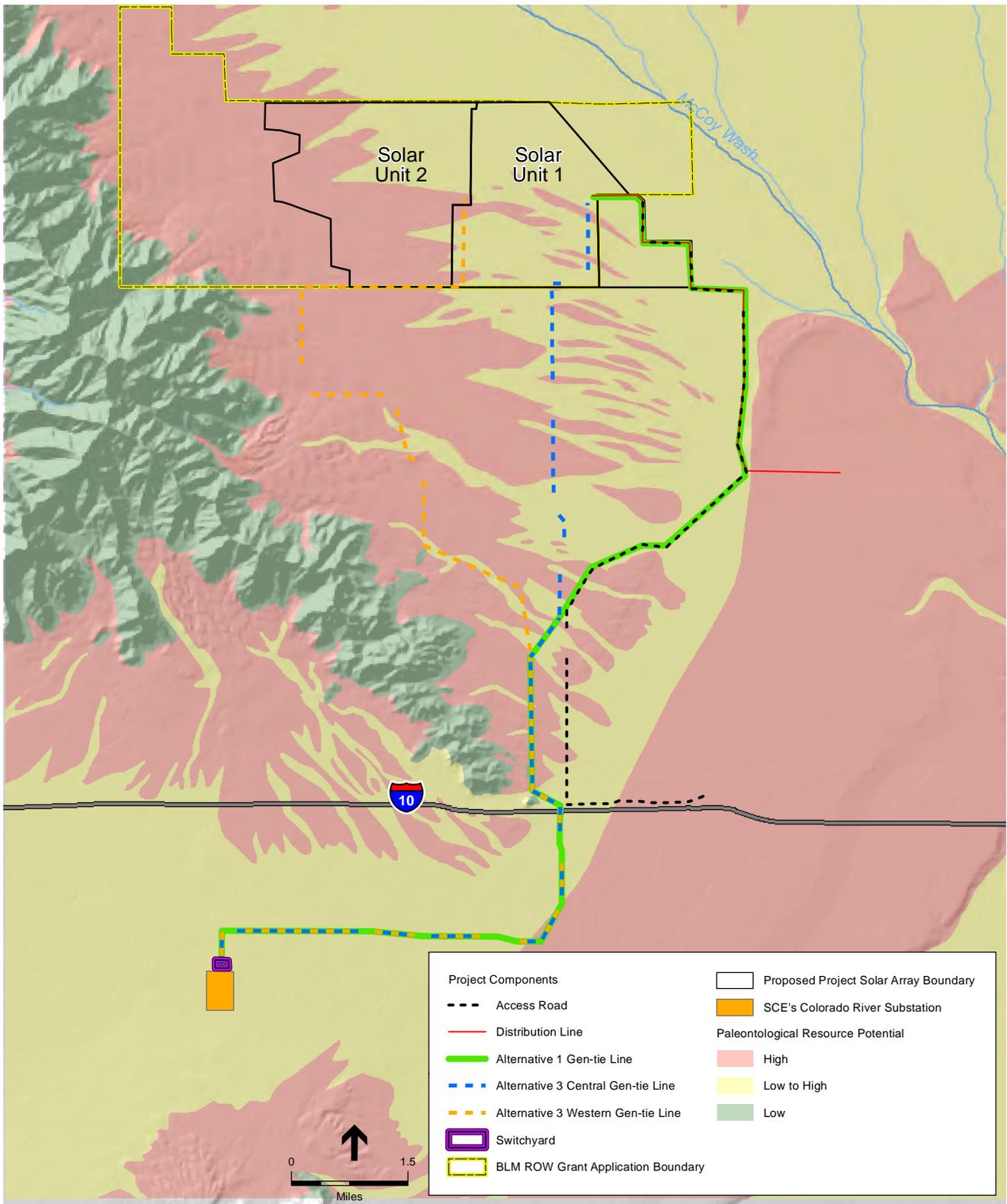
Figure 3.9-1
Blythe Airport Compatibility Zones



SOURCE: Federal Transit Administration, 2006

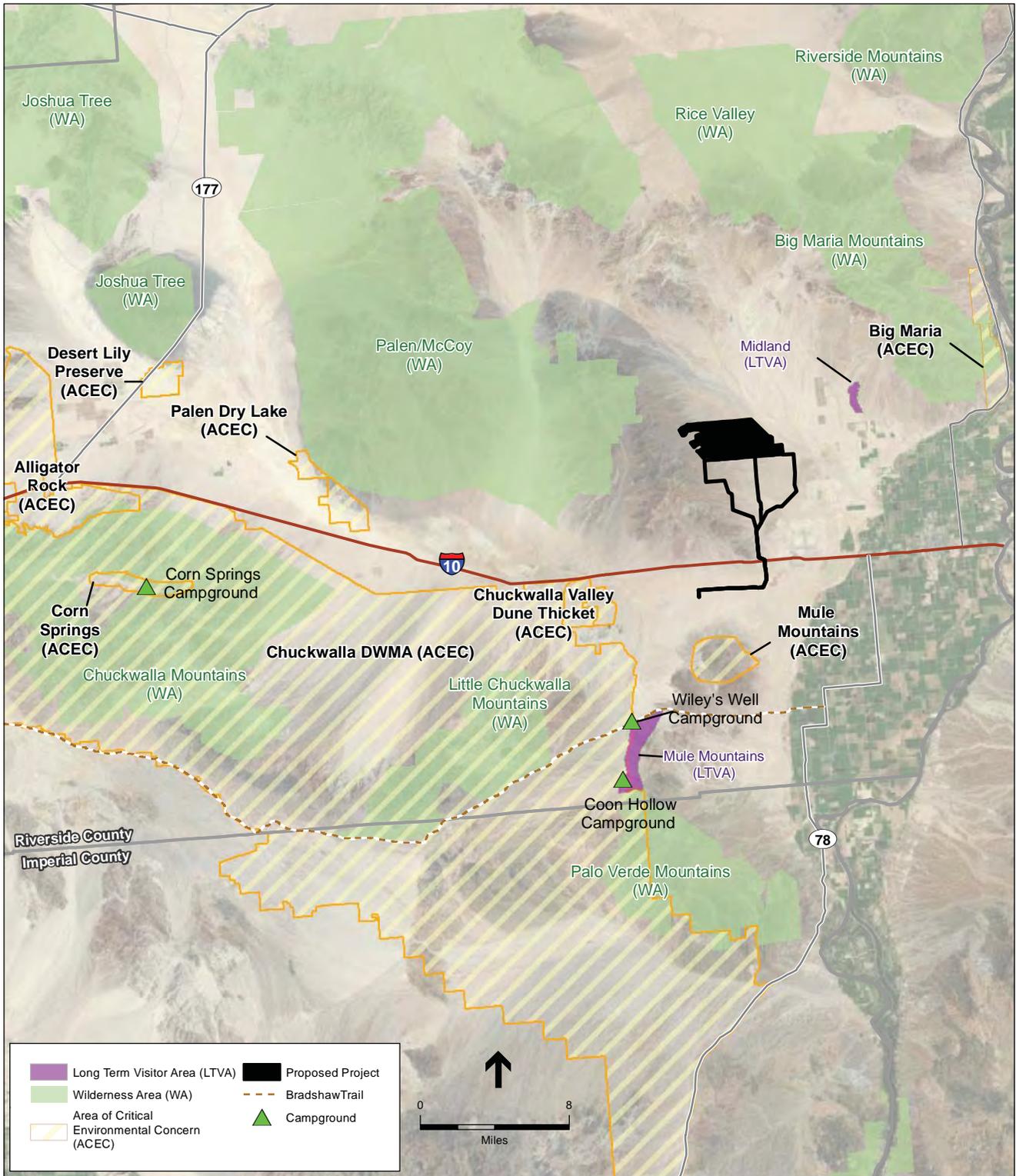
McCoy Solar Energy Project . 211516

Figure 3.12-1
Typical A - Weighted Sound Levels



SOURCE: USGS, 2006; SWCA, 2011; NextEra, 2011 and 2012

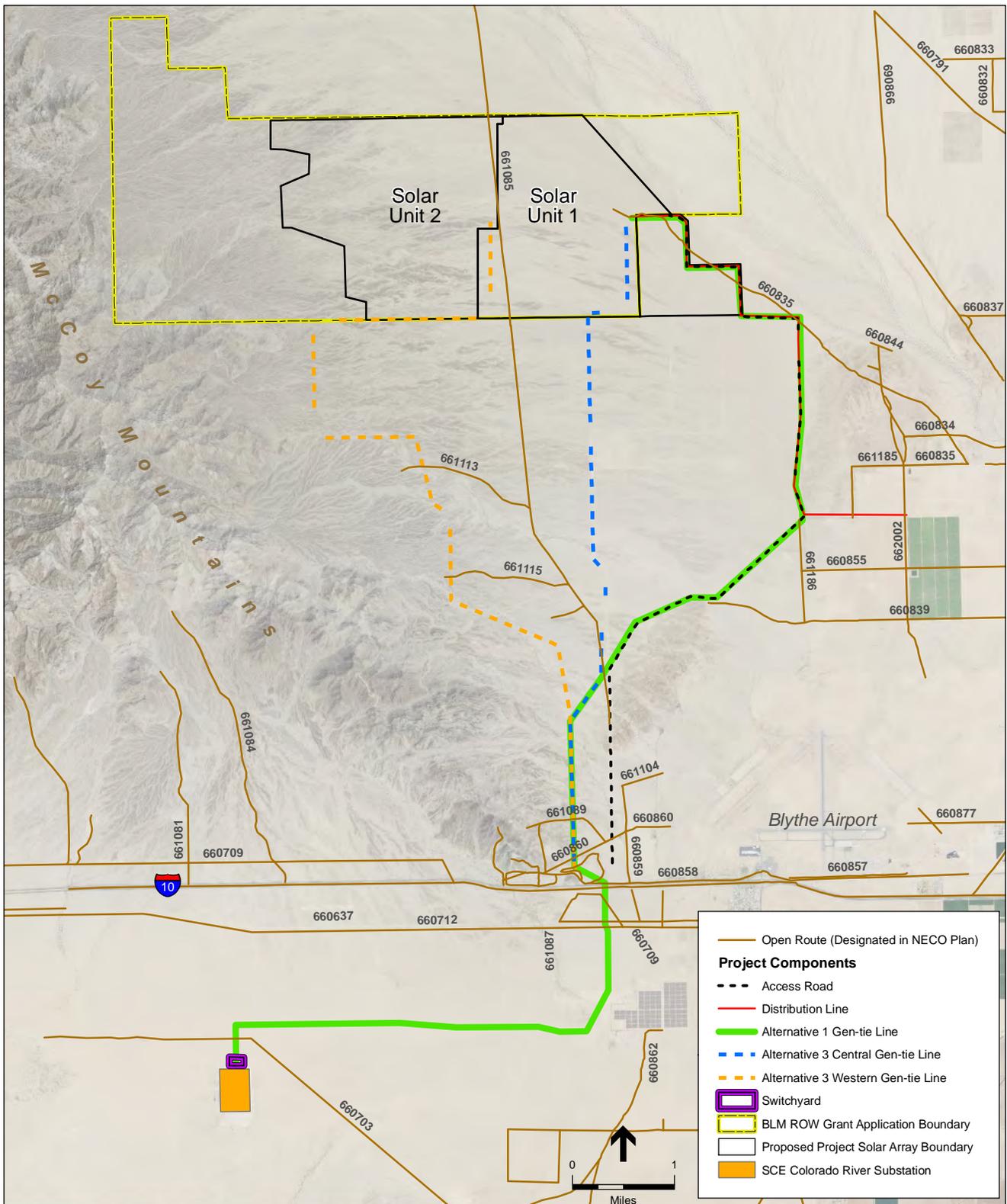
McCoy Solar Energy Project . 211516
Figure 3.13-1
 Paleontological Resource Potential



SOURCE: NextEra, 2011

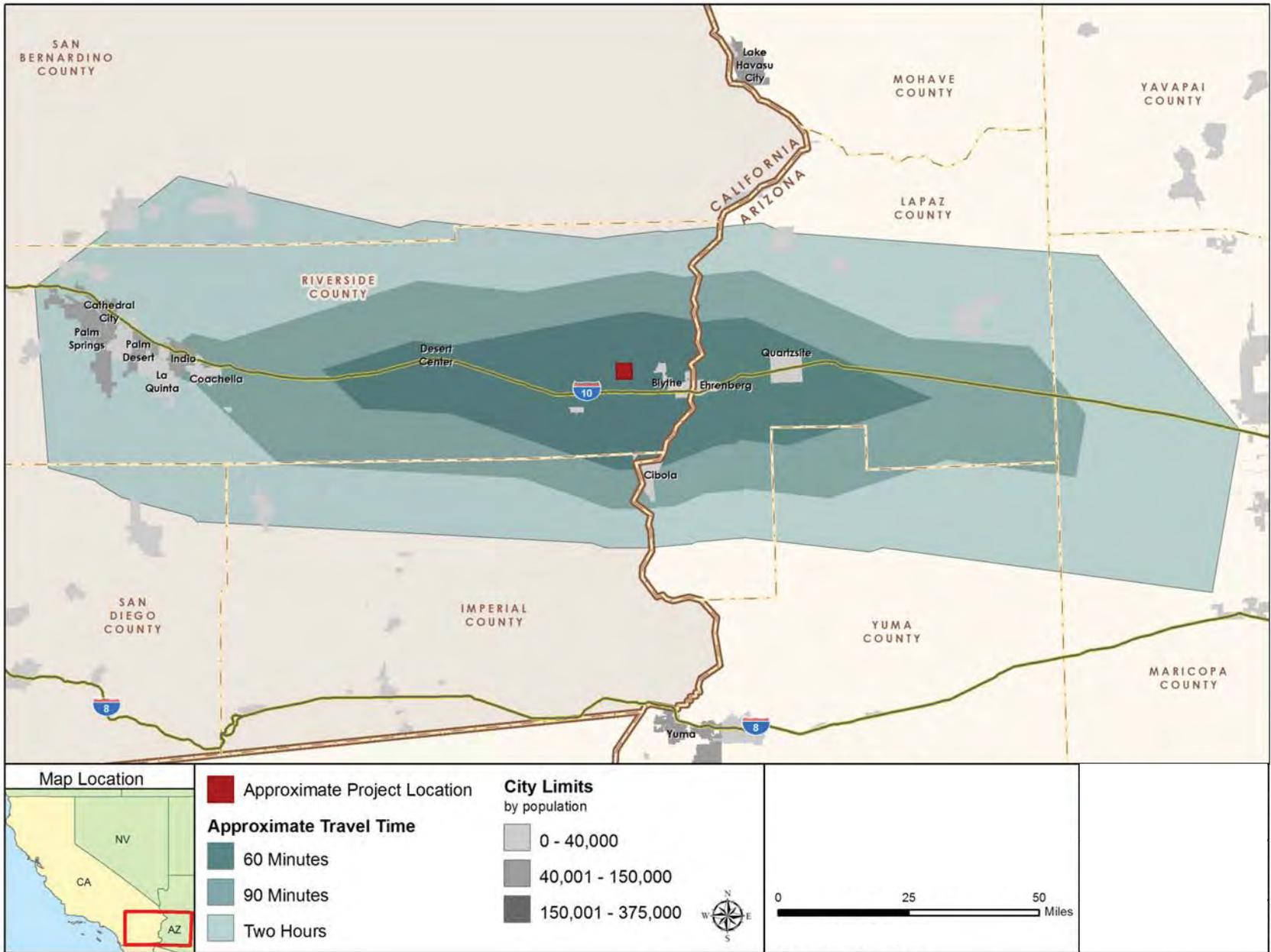
McCoy Solar Energy Project . 211516

Figure 3.14-1
Special Designations within the Project Vicinity



SOURCE: NextEra, 2011 and 2012

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Figure 3.14-2
 NECO Plan Route Designation
 within the Project Area

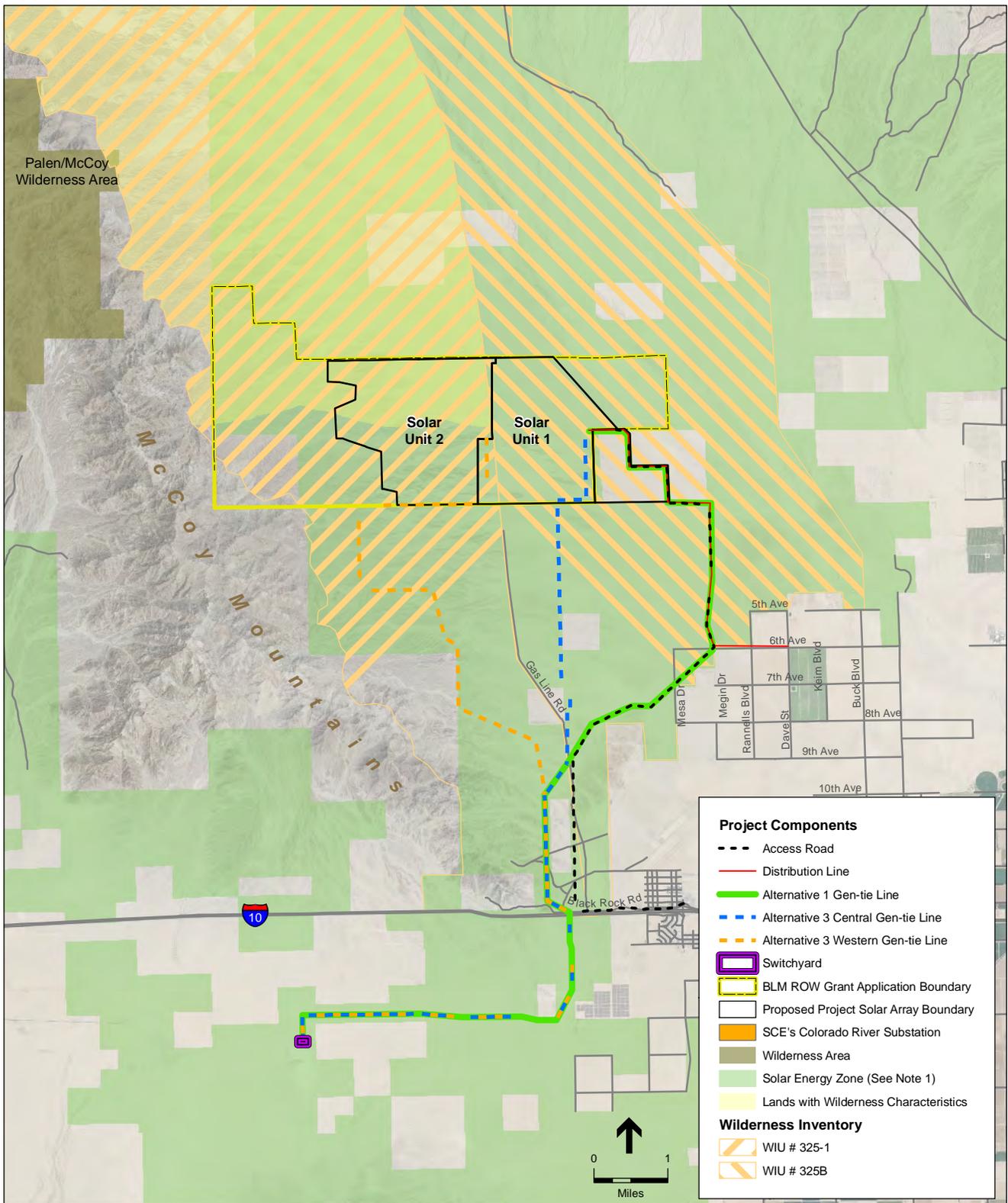


SOURCE: Solar Millenium, 2009

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Figure 3.15-1

Estimated Travel Time for Project Workers



SOURCE: NextEra, 2011 and 2012; BLM, 2011
 Note 1: Prepared for the Supplement to the
 Draft Programmatic EIS for Solar Energy Development

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Figure 3.18-1
 Lands with Wilderness Characteristics



North View of the Palo Verde Mesa from the Mesa Bluffs Golf Community



Northeast View of the Big Maria Mountains Wilderness from the top of Black Hill



Southwest View towards the McCoy Wash from the top of Black Hill



View East towards the Big Maria Mountains Wilderness from the Midland LTVA



West View of the McCoy Mountains From the Midland LTVA



West View Towards the McCoy Mountains From Westbound I-10



View of Blythe Airport, Looking North from Hobsonway



View of Blythe Energy Center, Looking Northeast from Hobsonway



View of Fairway Villas Golf Community, Looking West from 4th Street



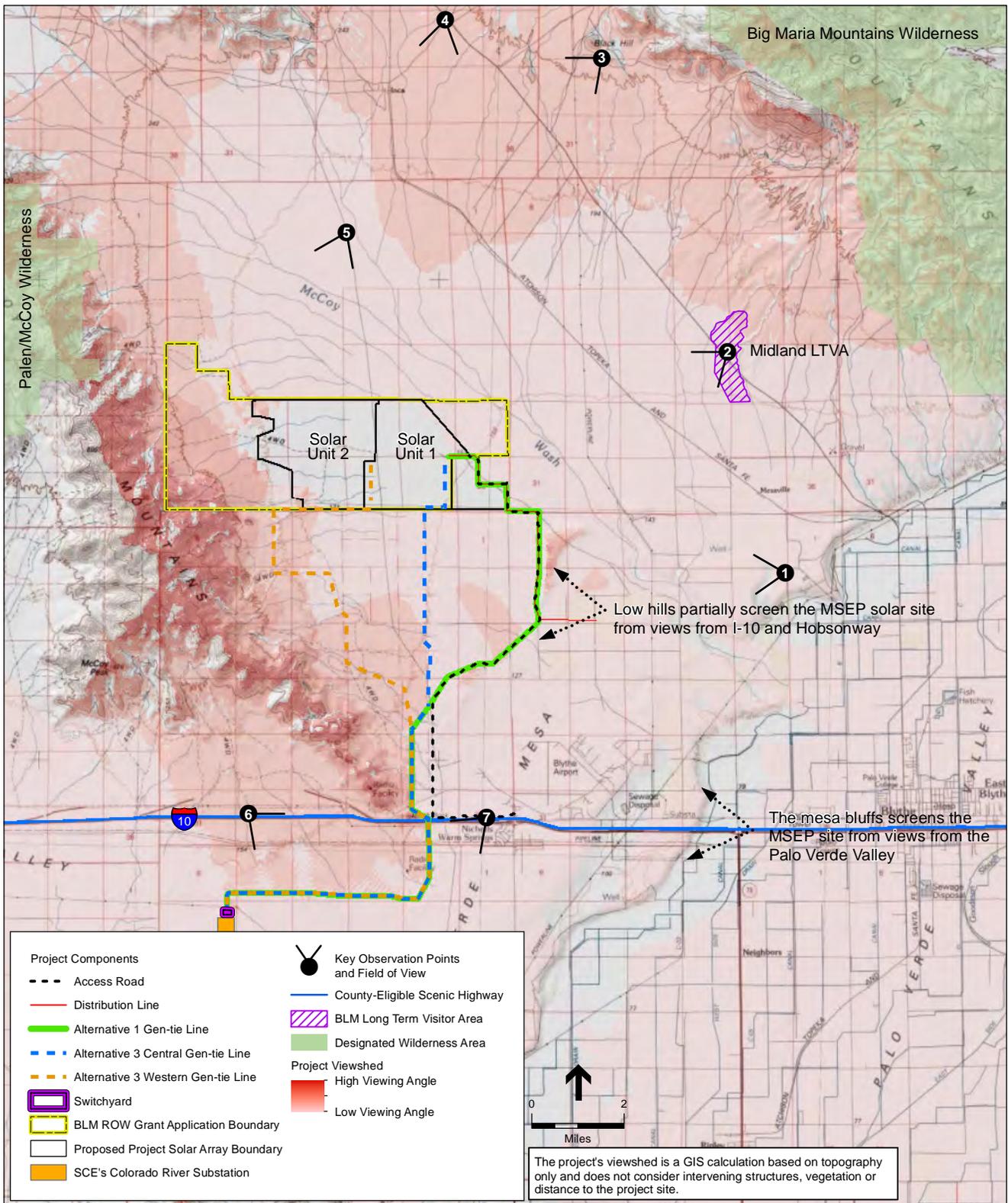
View of Palo Verde Valley, Looking Southwest from Mesa Bluffs Golf Community



View of Solar PV Installation at Palo Verde College, Looking Northwest

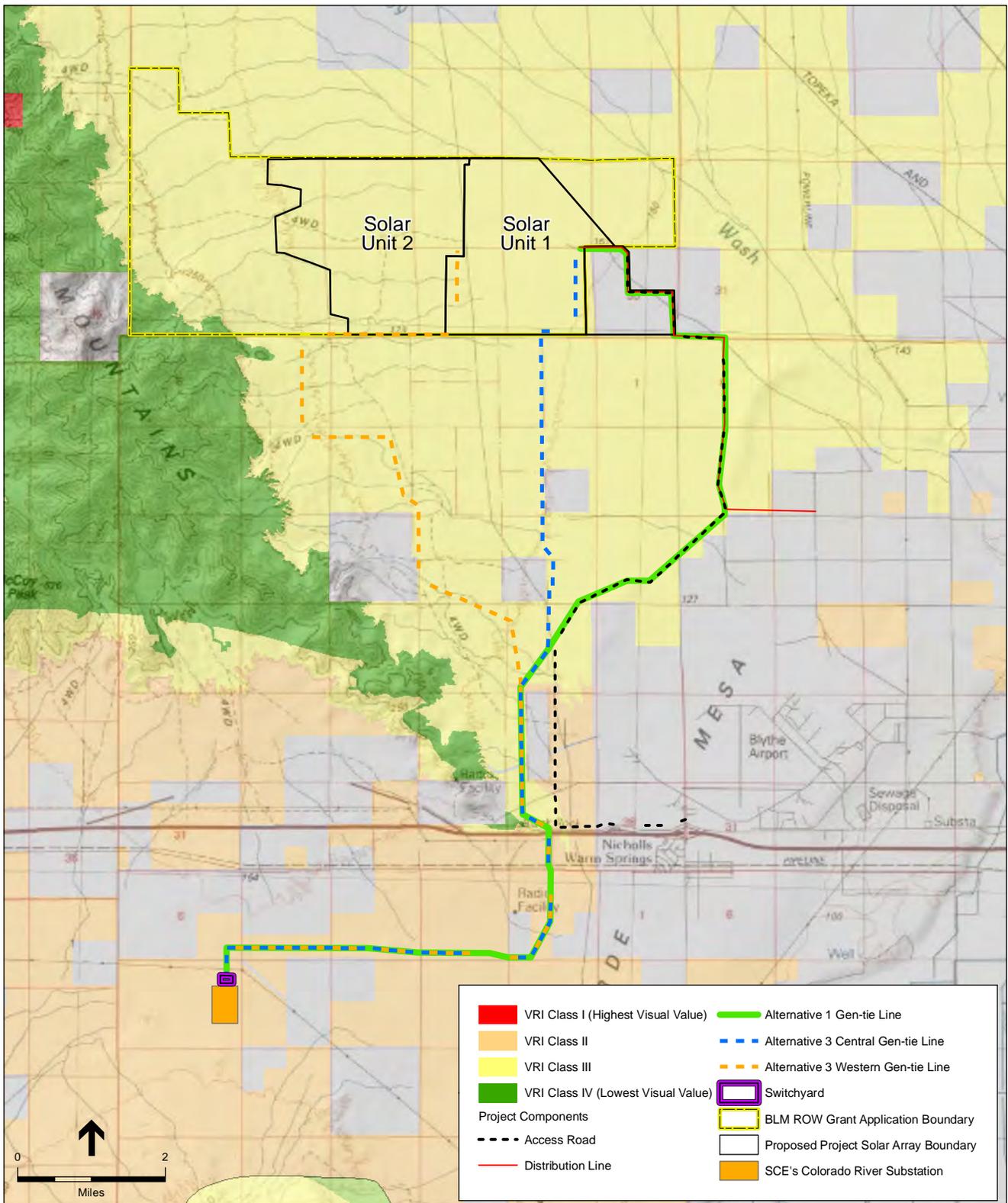


View of Utility Corridor, Looking South from Eastbound I-10



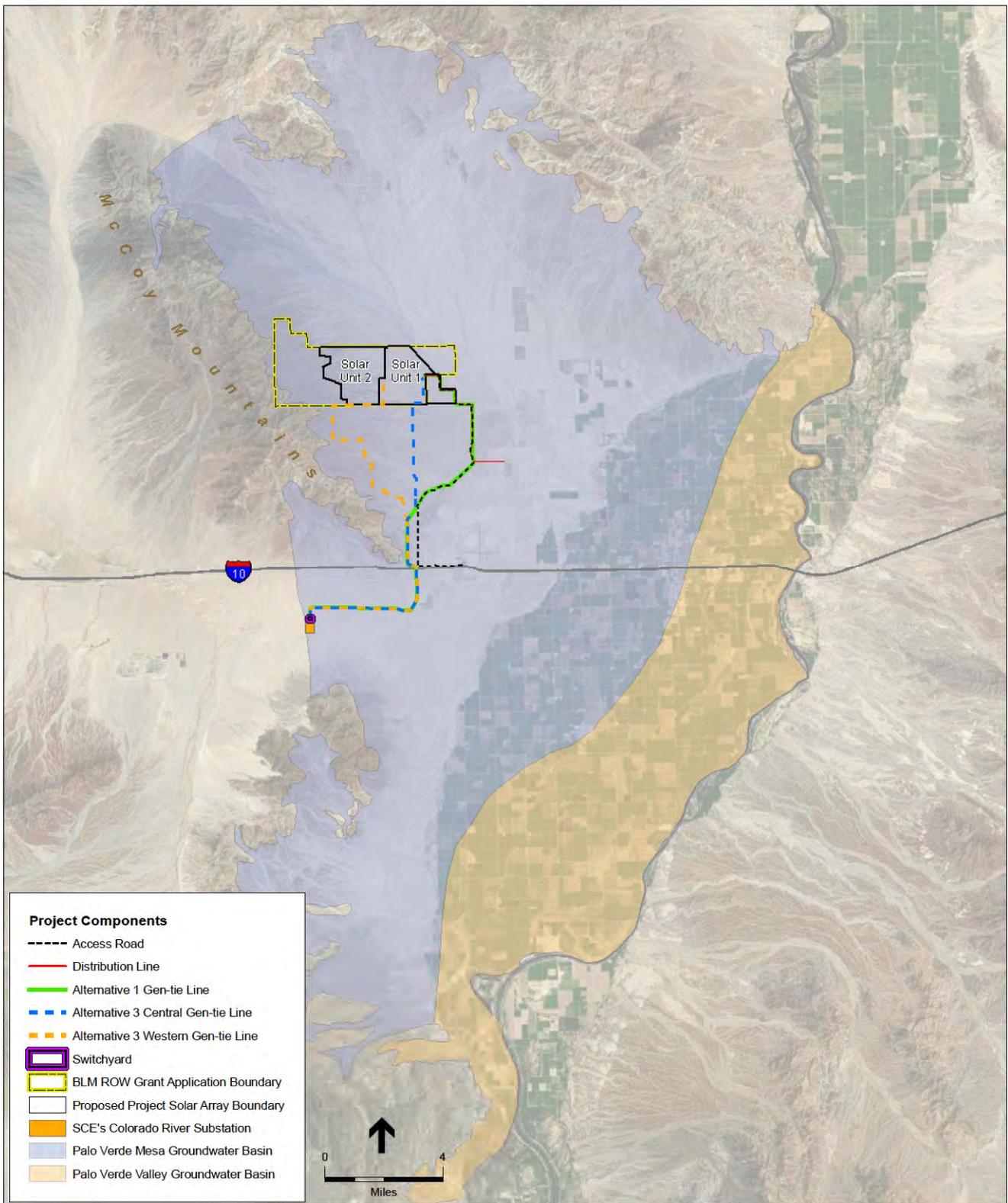
SOURCE: NextEra, 2011 and 2012, ESA, 2011

McCoy Solar Energy Project . 211516
Figure 3.19-2
 Project Visibility and Location of Key Observation Points (KOPs)



SOURCE: Otak, 2011; Argonne National Laboratory, 2011; NextEra, 2011 and 2012

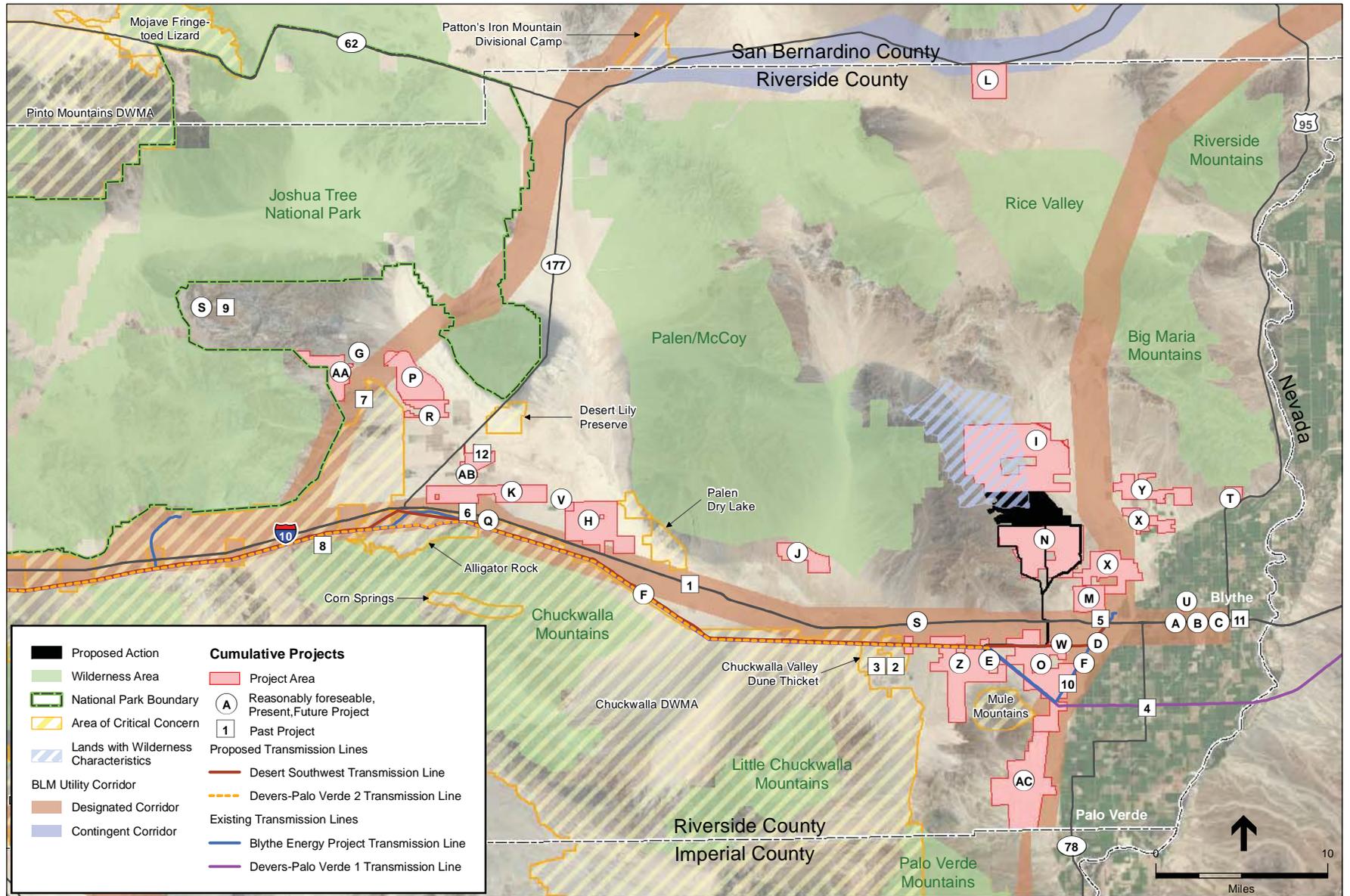
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Figure 3.19-3
 Visual Resources Inventory Classes



SOURCE: AECOM, 2011; DWR, 2010; NextEra, 2011 and 2012

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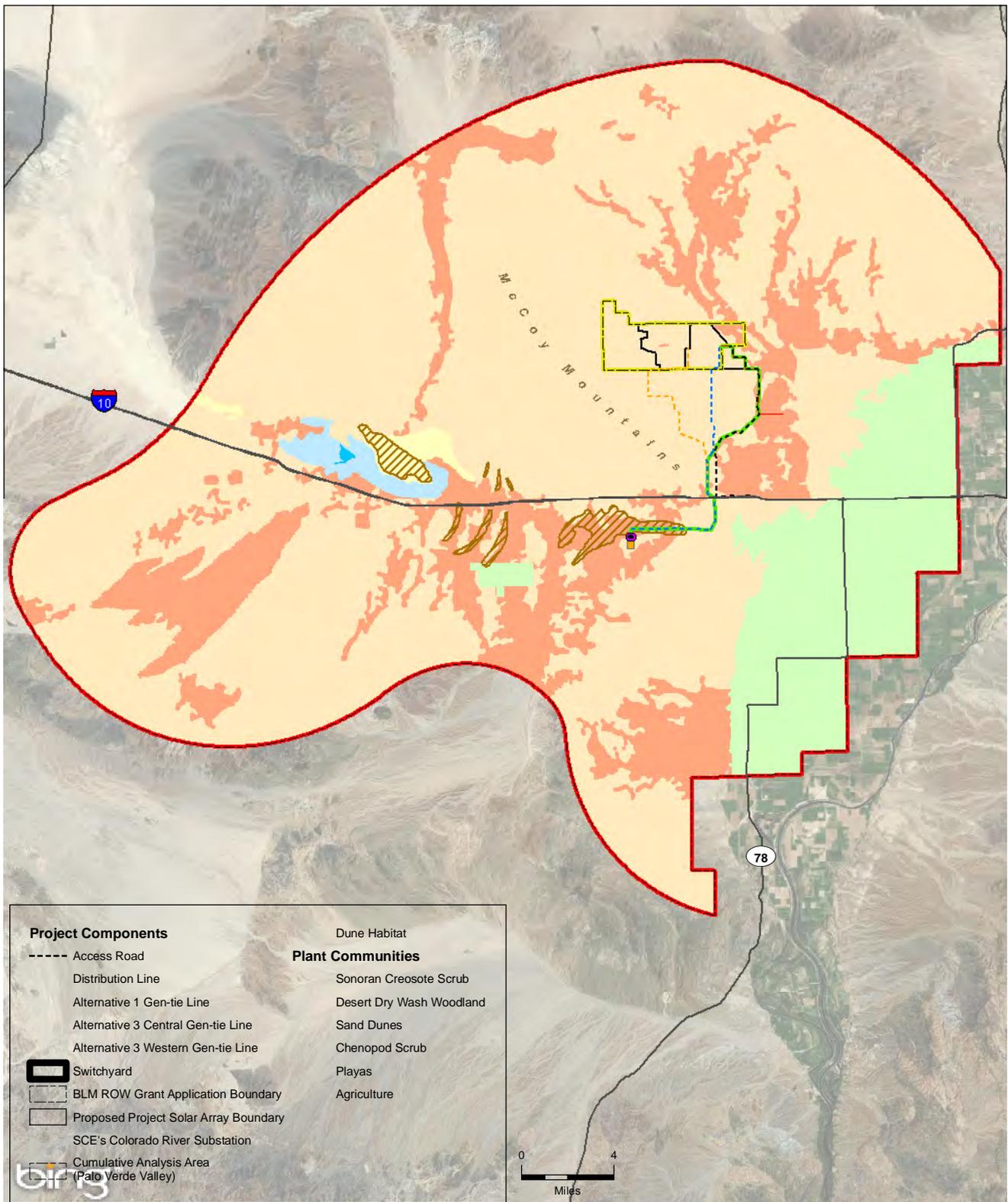
Figure 3.20-1
Groundwater Basins



SOURCE: Riverside County, 2011; BLM, 2011; City of Blythe, 2011

Note: Refer to Tables 4.1-3 and 4.1-3 for the lists of projects in the cumulative scenario

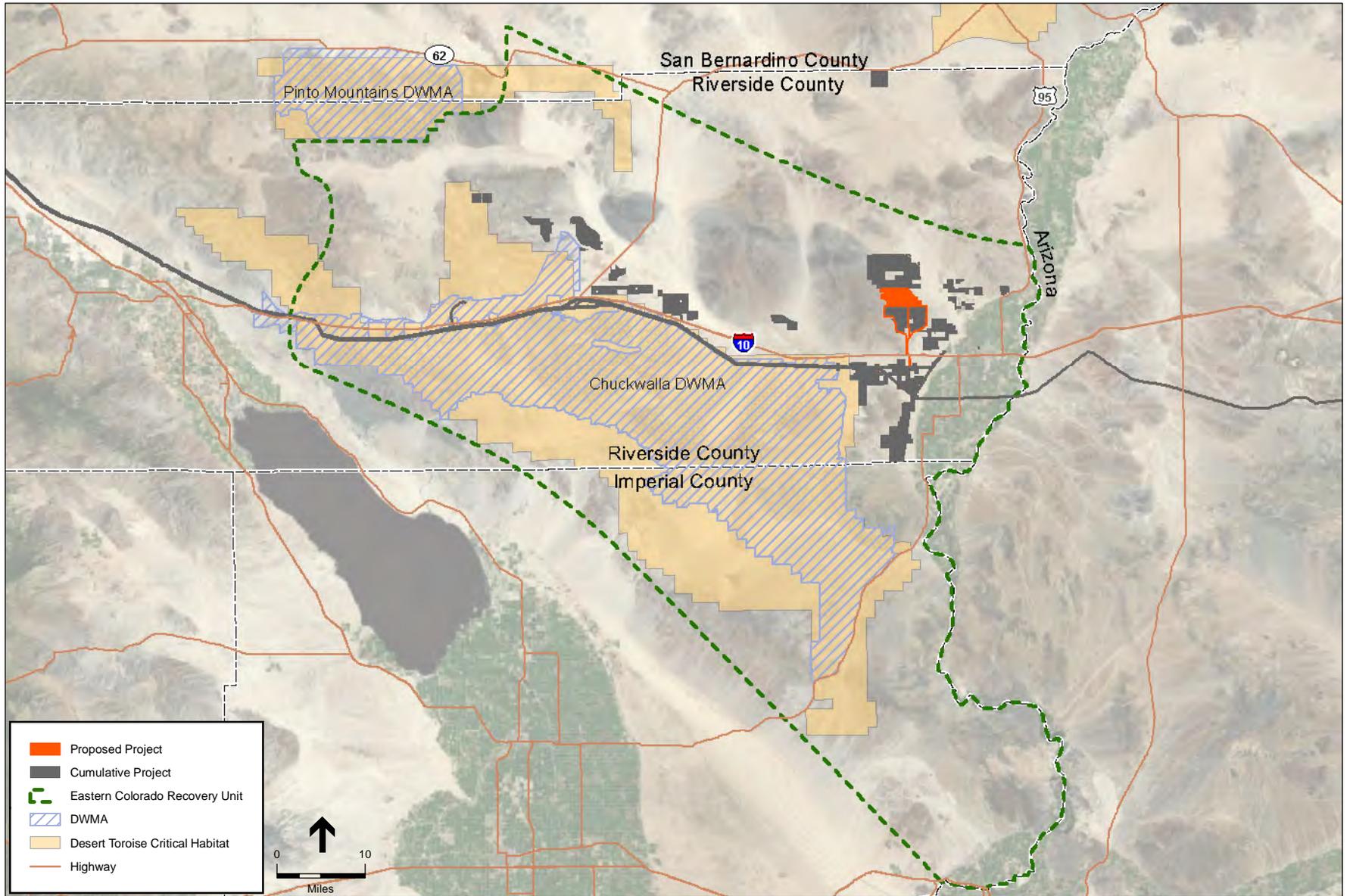
McCoy Solar Energy Project . 211516
Figure 4.1-1
 Cumulative Projects Scenario



SOURCE: NextEra, 2011 and 2012; BLM, 2002

McCoy Solar Energy Project . 211516

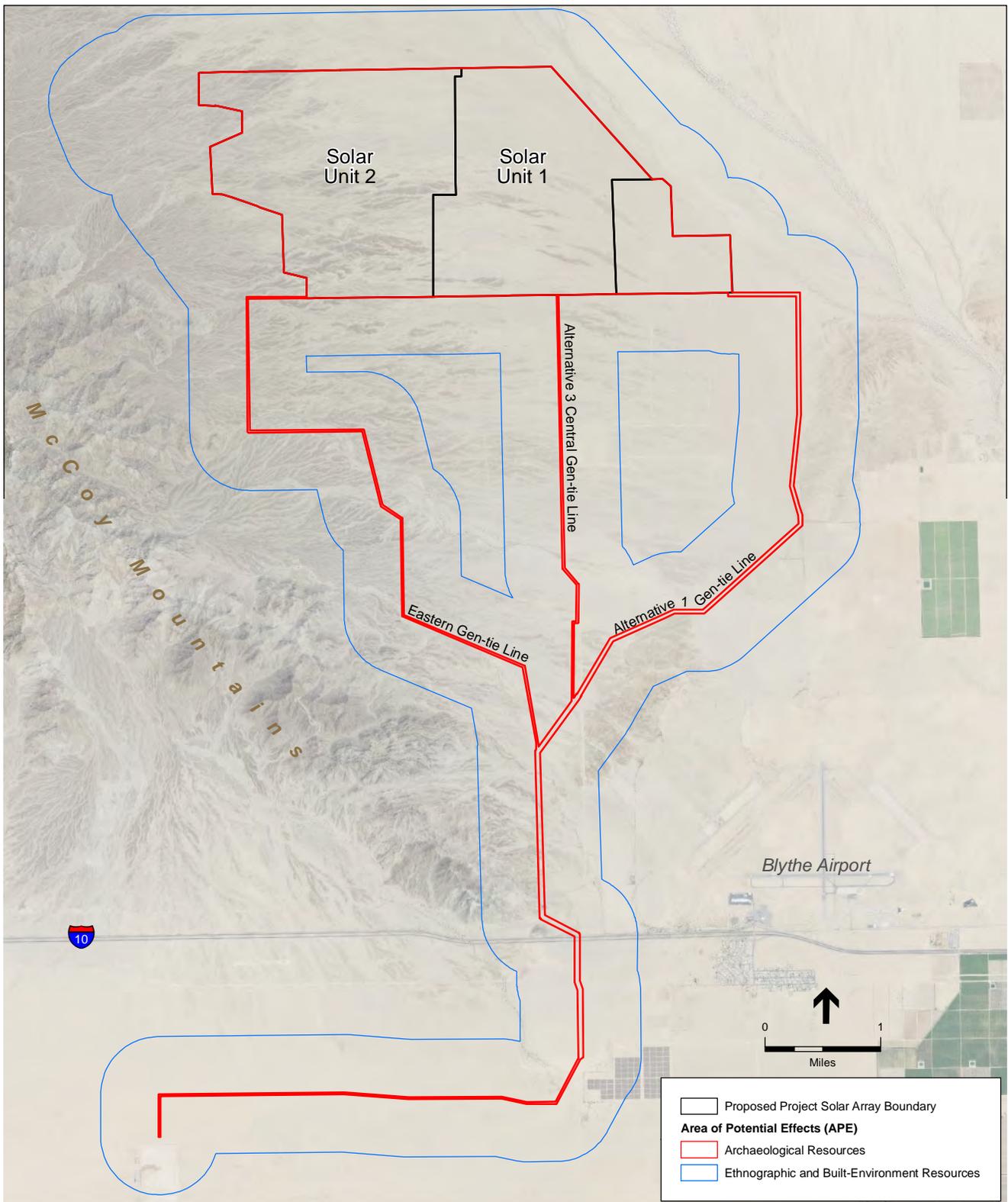
Figure 4.3-1
 Cumulative Analysis Area for Effects on
 Vegetation Communities and Jurisdictional Resources



SOURCE: Riverside County, 2011; BLM, 2011; City of Blythe, 2011; USFWS; NextEra, 2011 and 2012

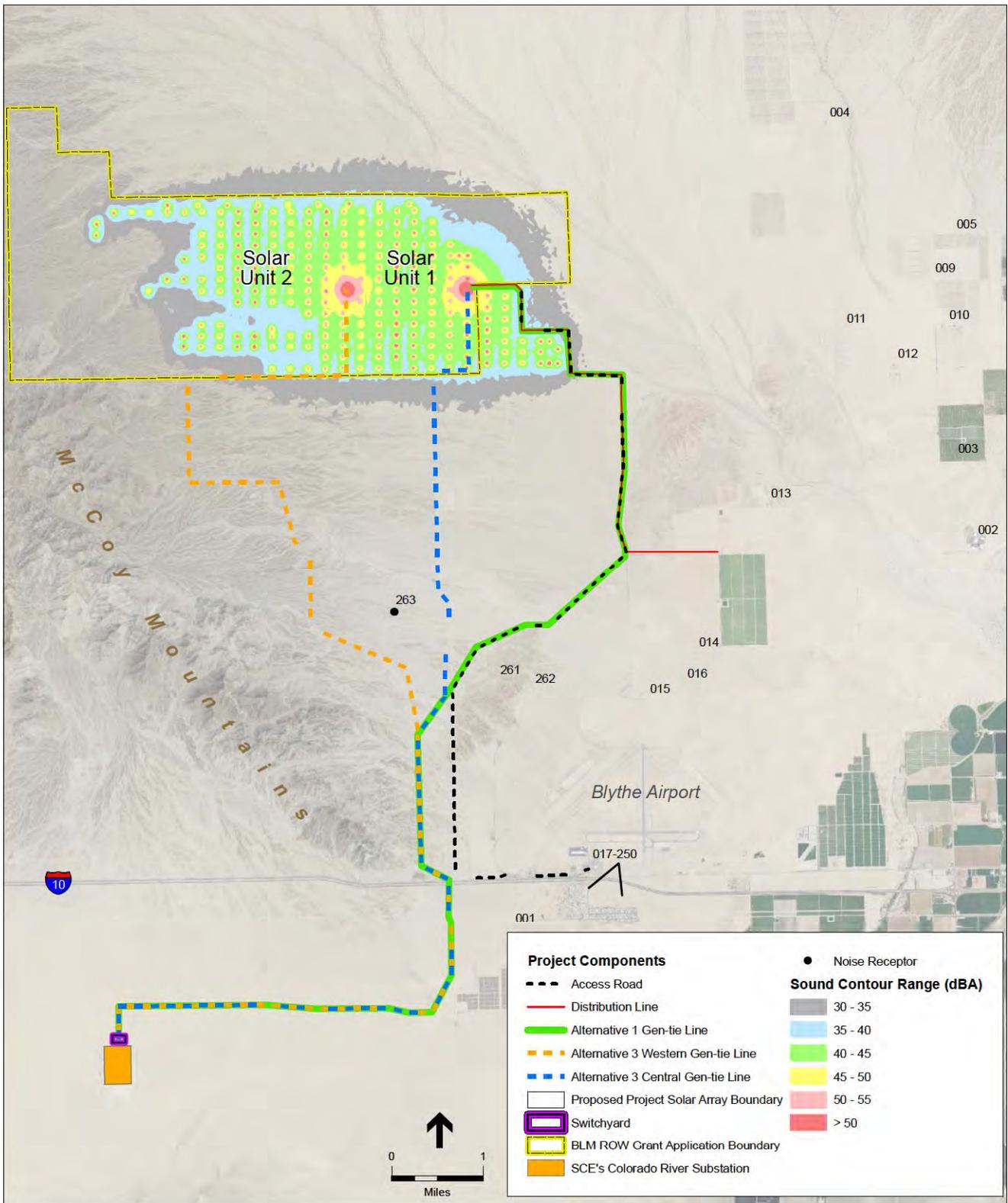
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Figure 4.4-1
Cumulative Study Area for Desert Tortoise
(the Eastern Colorado Recovery Unit)



SOURCE: NextEra, 2011 and 2012

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Figure 4.5-1
 Area of Potential Effects (APE)



SOURCE: NextEra, 2011 and 2012; Tetra Tech, 2011

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Figure 4.12-1
Solar Plant Site Operation Sound Level



SOURCE: TetraTech, 2011

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Figure 4.19-1a
KOP 1, West View of the Project Site from the
Fairway Villas Golf Community, Existing View





SOURCE: TetraTech, 2011

McCoy Solar Energy Project . 211516

Figure 4.19-2a
KOP 2, Southwest View of the Project Site
from the Midland LTVA, Existing View





SOURCE: TetraTech, 2011

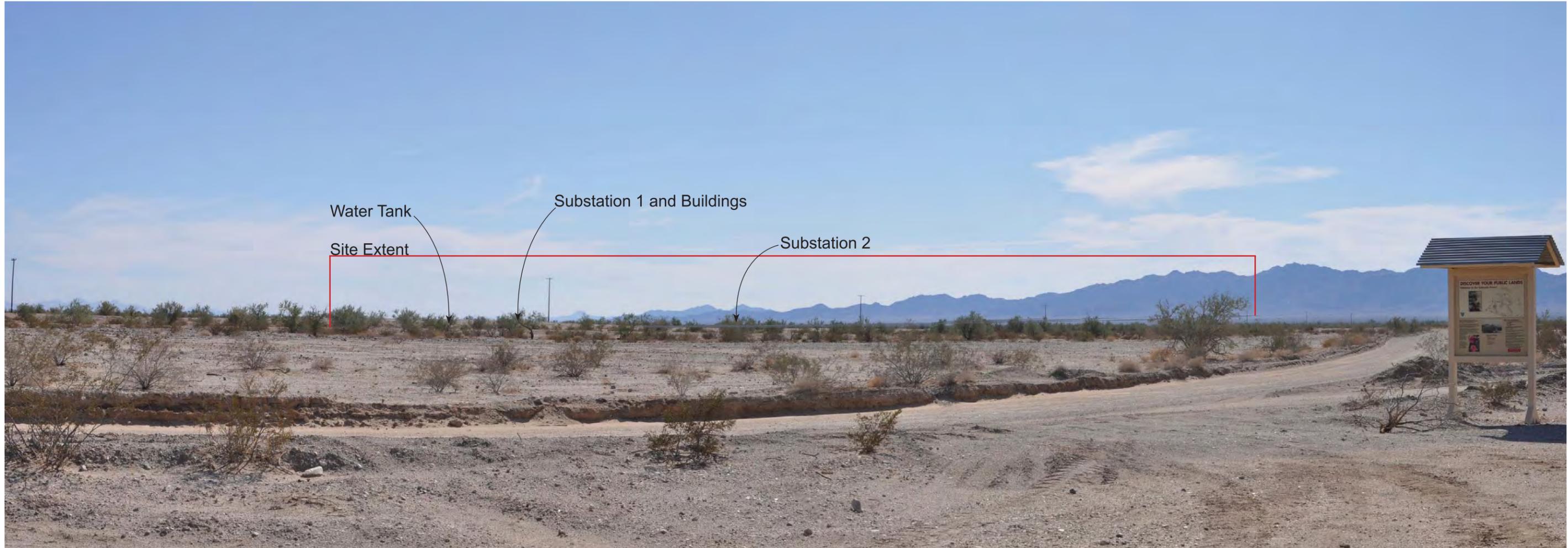
McCoy Solar Energy Project . 211516

Figure 4.19-3a

KOP 3, Southwest View of the Project Site from
the Foot of the Big Maria Mountains, Existing View









SOURCE: TetraTech, 2011

McCoy Solar Energy Project . 211516

Figure 4.19-5a

KOP 5, South-Southwest View of the Project Site from
Open OHV Route No. 661085, Existing View





SOURCE: TetraTech, 2011

McCoy Solar Energy Project . 211516

Figure 4.19-6a
KOP 6, East View of Project Gen-Tie Line
from Eastbound I-10, Existing View



SOURCE: TetraTech, 2011

McCoy Solar Energy Project . 211516

Figure 4.19-6b
KOP 6, East View of Project Gen-Tie Line
from Eastbound I-10, Simulated View

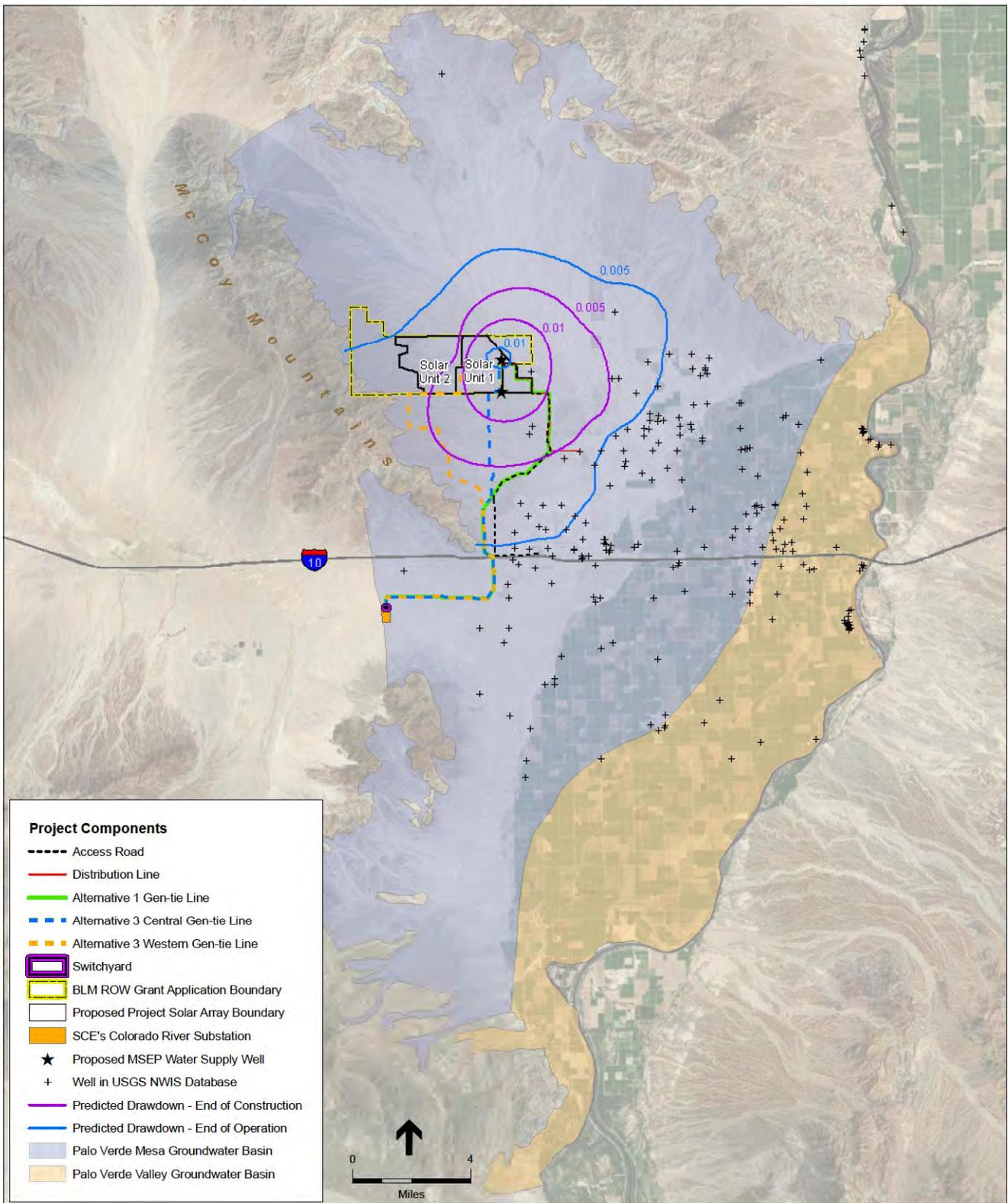




SOURCE: TetraTech, 2011

McCoy Solar Energy Project . 211516

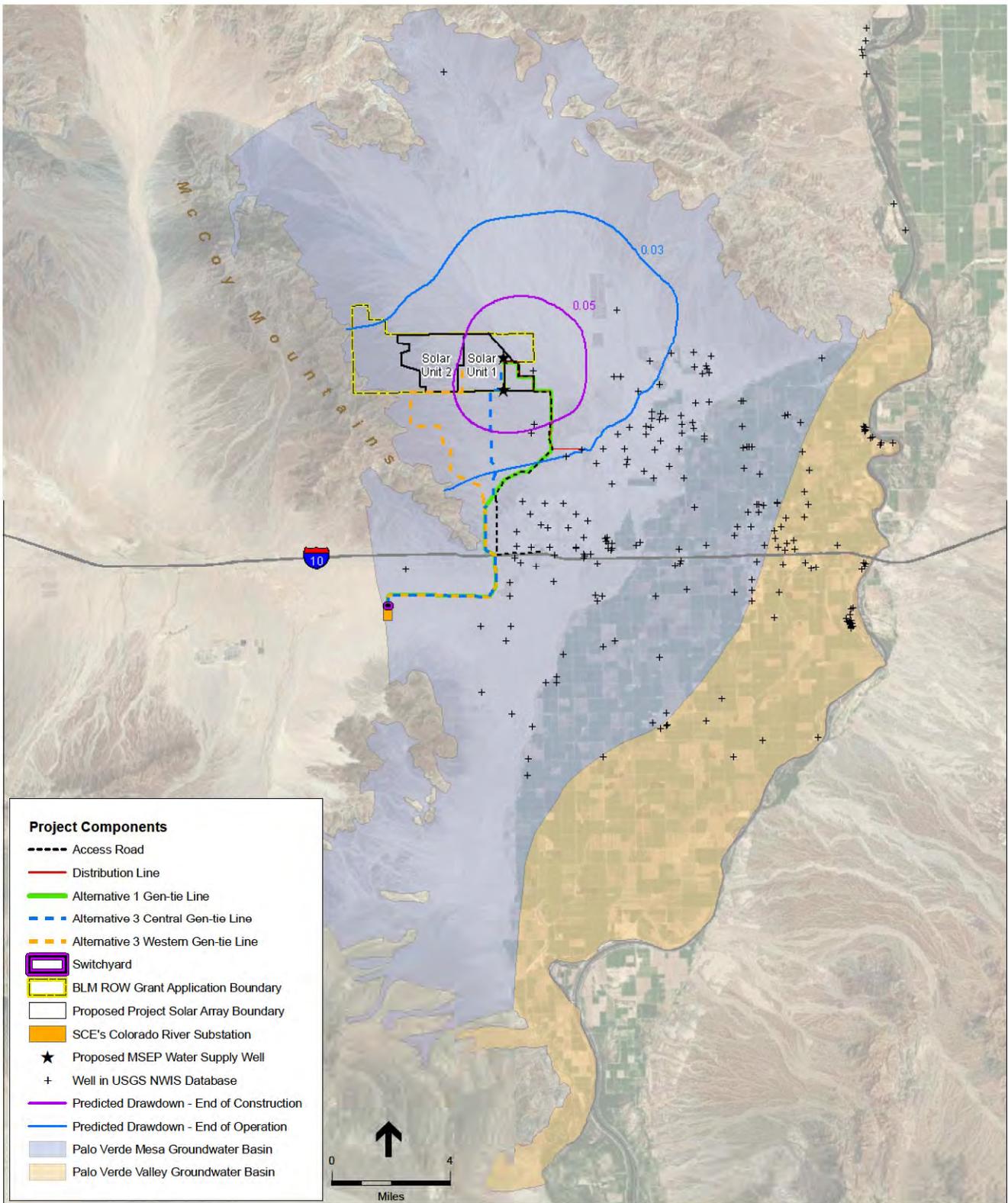
Figure 4.19-7b
KOP 7, West View of Project Gen-Tie Line
from Westbound I-10, Simulated View



SOURCE: AECOM, 2011; DWR, 2010; NextEra, 2011 and 2012

McCoy Solar Energy Project . 211516

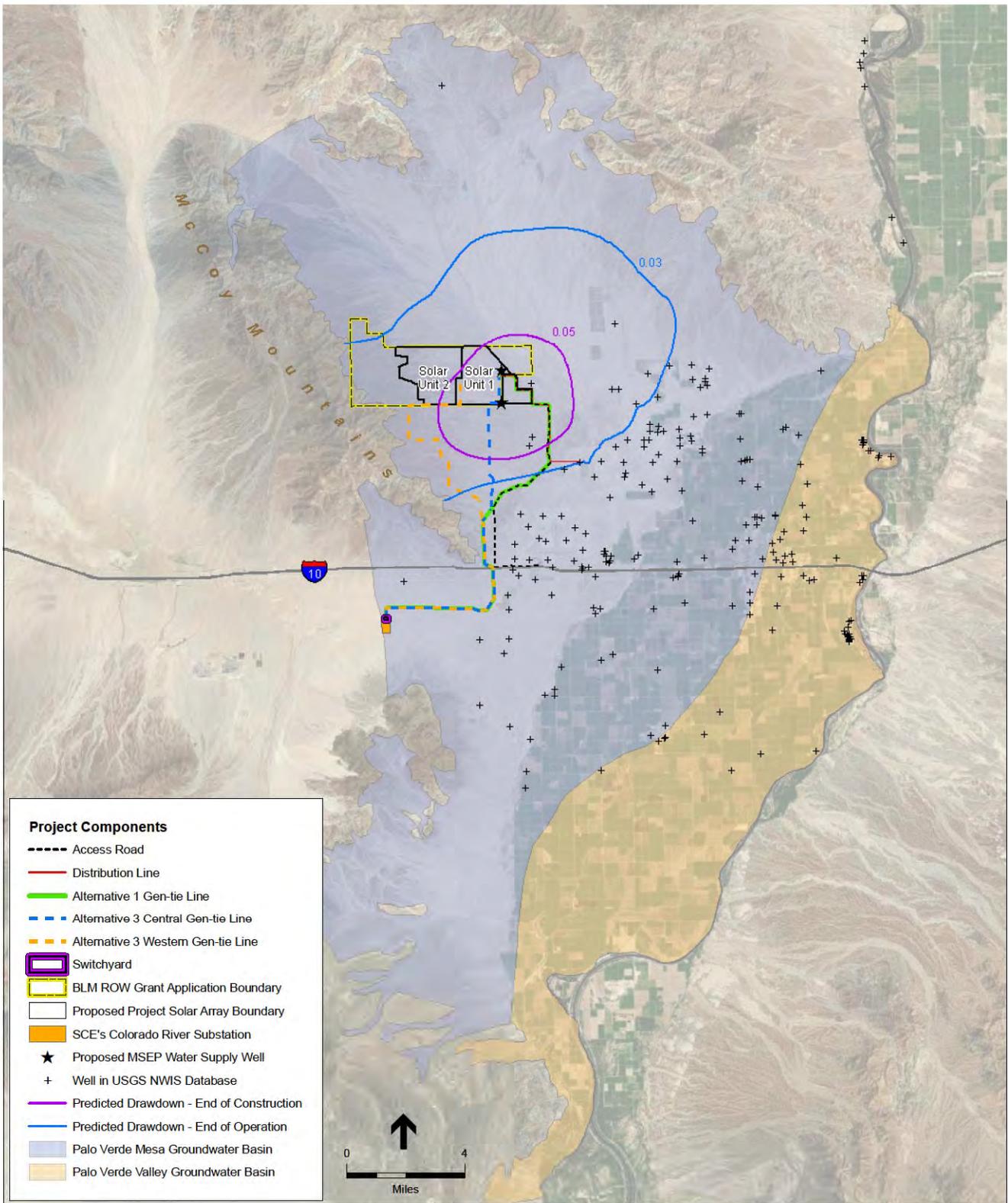
Figure 4.20-1
Scenario A: Predicted Drawdown -
End of Construction and Operation



SOURCE: AECOM, 2011; DWR, 2010; NextEra, 2011 and 2012

McCoy Solar Energy Project . 211516

Figure 4.20-2
 Scenario B: Predicted Drawdown -
 End of Construction and Operation

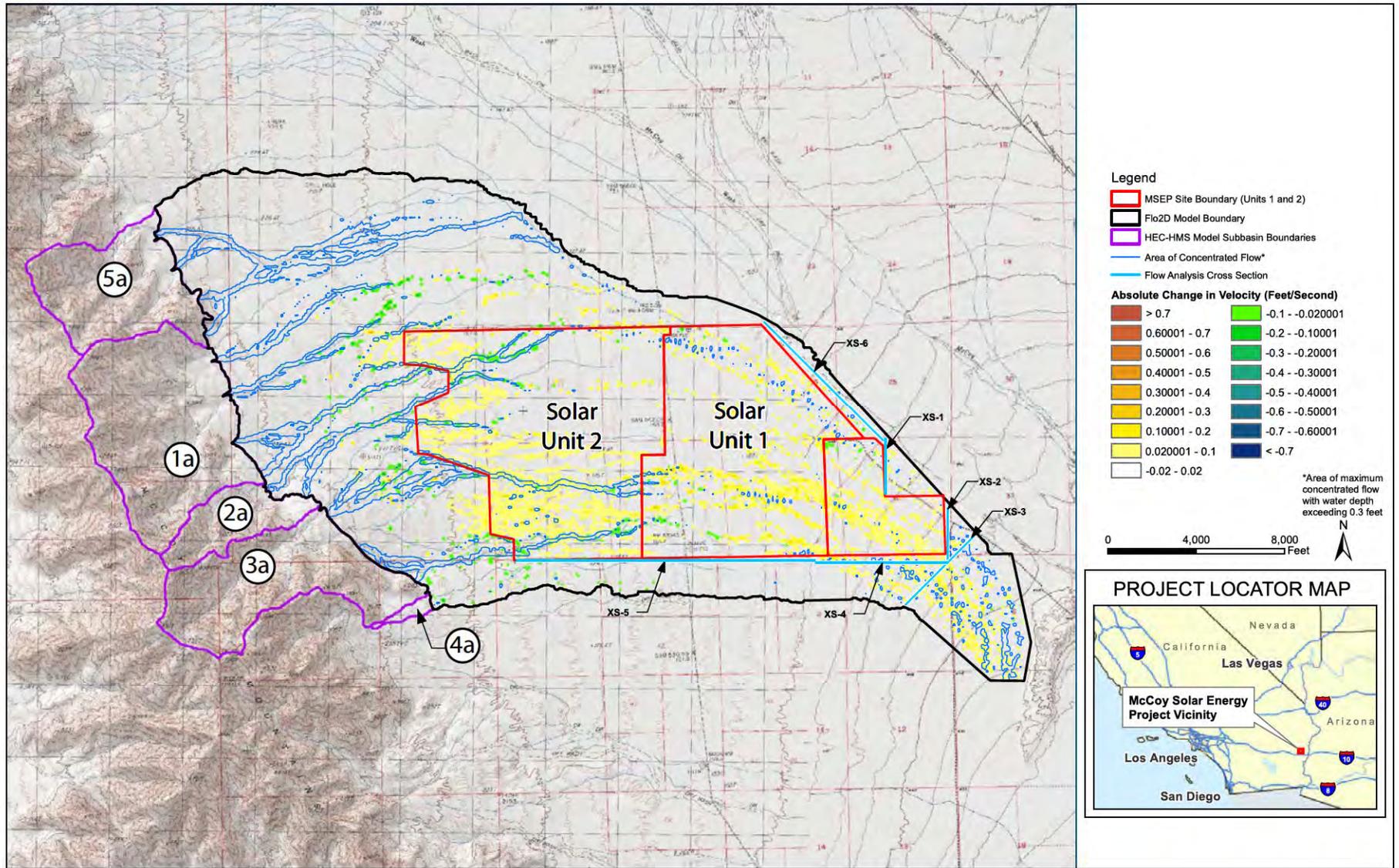


SOURCE: AECOM, 2011; DWR, 2010; NextEra, 2011 and 2012

McCoy Solar Energy Project . 211516

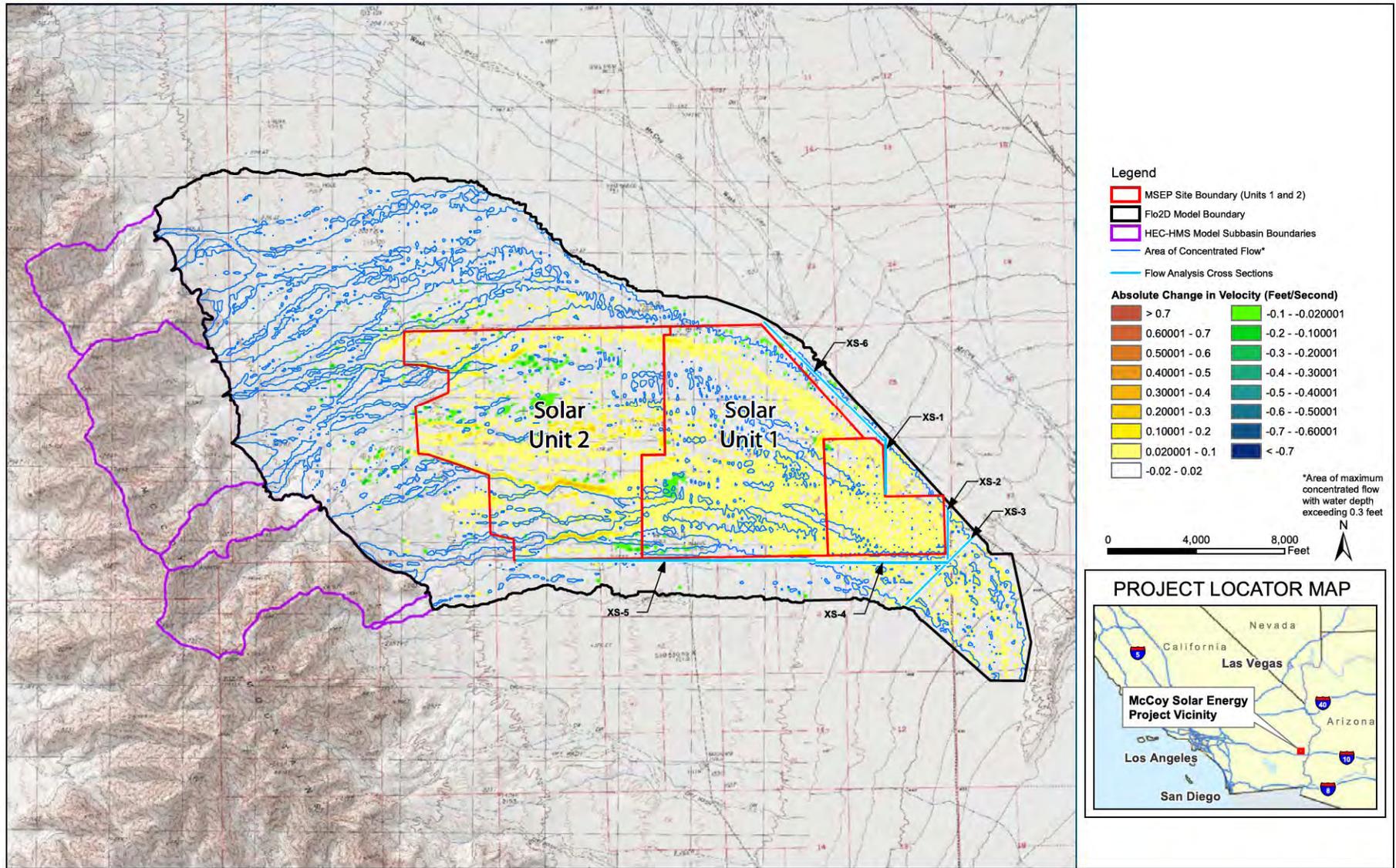
Figure 4.20-3

Scenario C: Predicted Drawdown - End of Construction and Operation



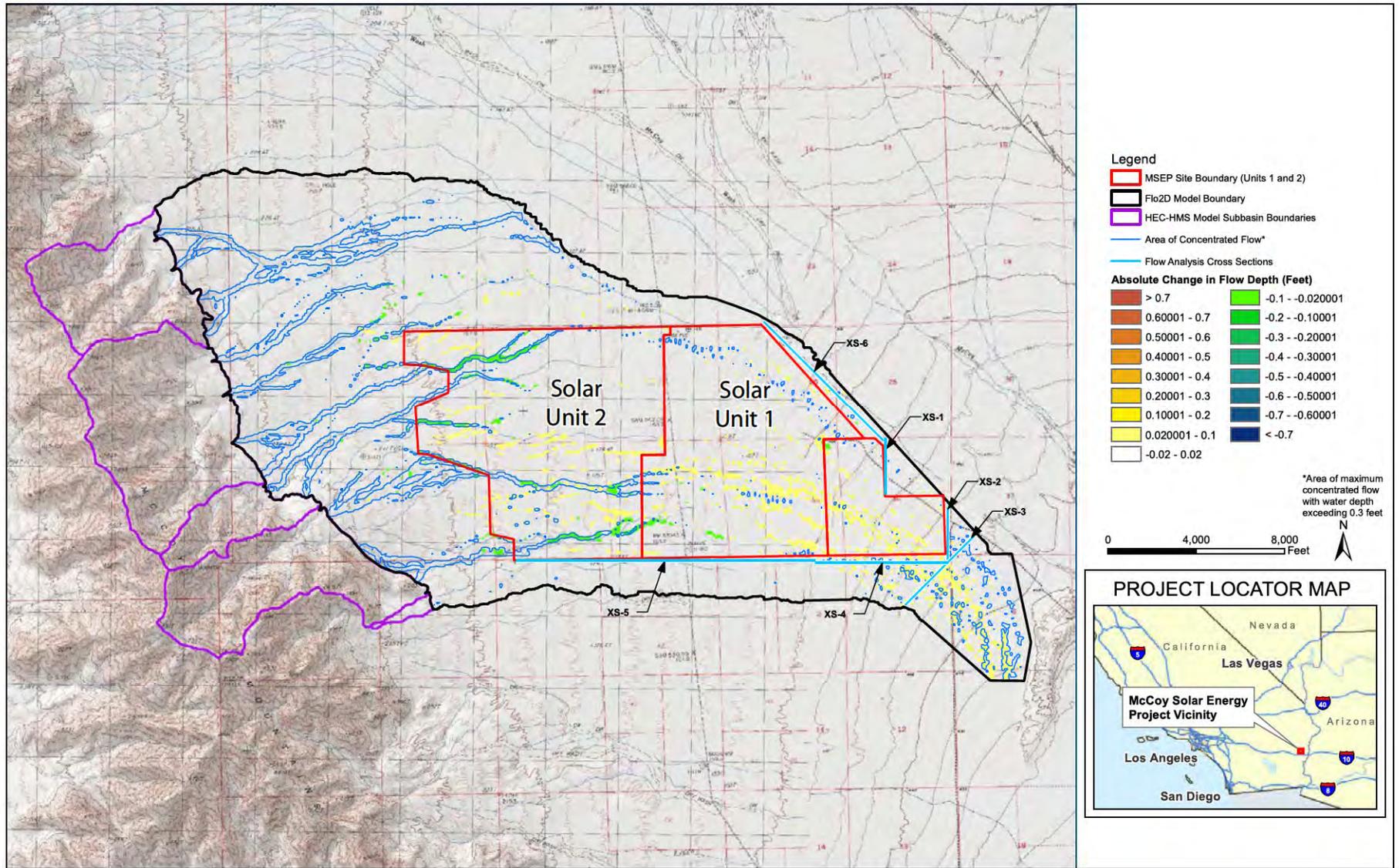
SOURCE: AECOM, 2011

McCoy Solar Energy Project . 211516
Figure 4.20-4
 10-Year Storm Event Max Velocity
 Absolute Change (Units 1 and 2)



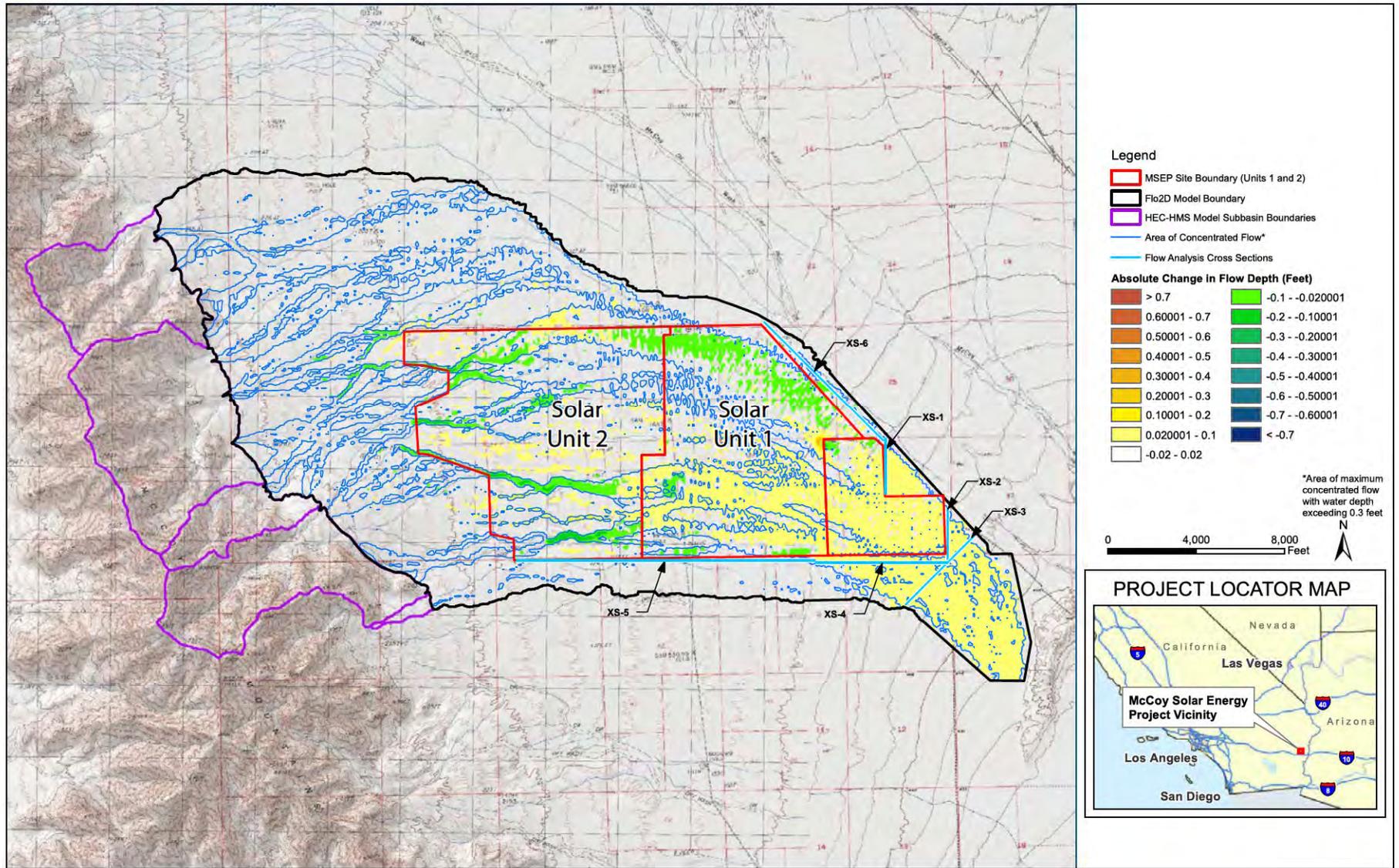
SOURCE: AECOM, 2011

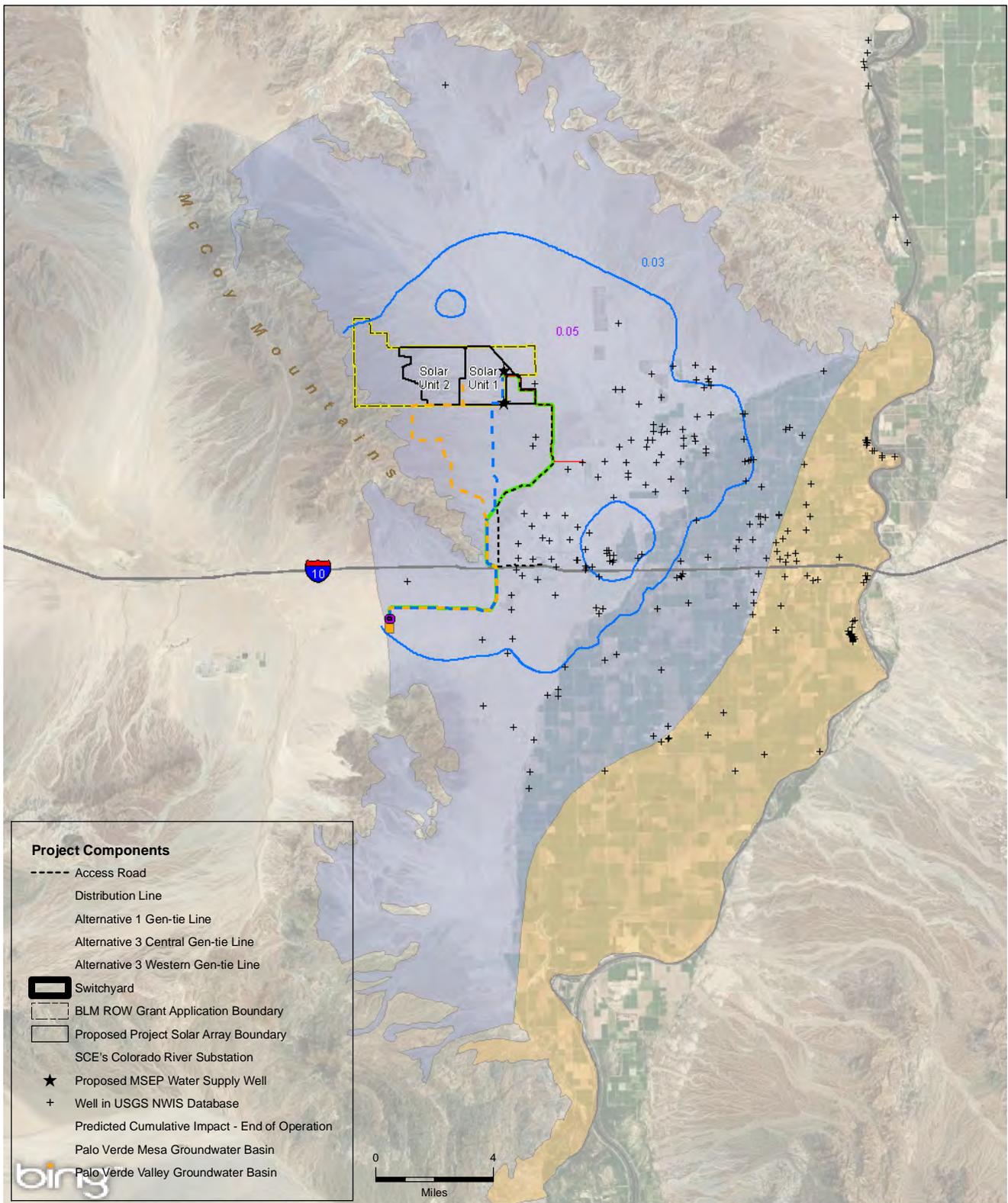
McCoy Solar Energy Project . 211516
Figure 4.20-5
 100-Year Storm Event Max Velocity
 Absolute Change (Units 1 and 2)



SOURCE: AECOM, 2011

McCoy Solar Energy Project . 211516
Figure 4.20-6
 10-Year Storm Event Max Flow Depth
 Absolute Change (Units 1 and 2)





SOURCE: AECOM, 2011; DWR, 2010; NextEra, 2011 and 2012

McCoy Solar Energy Project . 211516
Figure 4.20-8
 Cumulative Impacts Assessment -
 Predicted Drawdown 2043