REDELL ENGINEERING, INC.

MECHANICAL - AEROSPACE - POWER - DEFENSE

DOCKET
09-AFC-5
DATE OCT 12 2009
RECD OCT 13 2009

October 12, 2009

Craig Hoffman
Program Manager
Siting, Transmission and Environmental Protection Division
1516 Ninth Street, MS 15
Sacramento, CA 95814

Re: Mojave Solar Project Application for Certification (09-AFC-5), ACEC Mapping Correction

Dear Mr. Hoffman:

Attached are 1 CD copy and 10 hard copies of the ACEC Mapping correction.

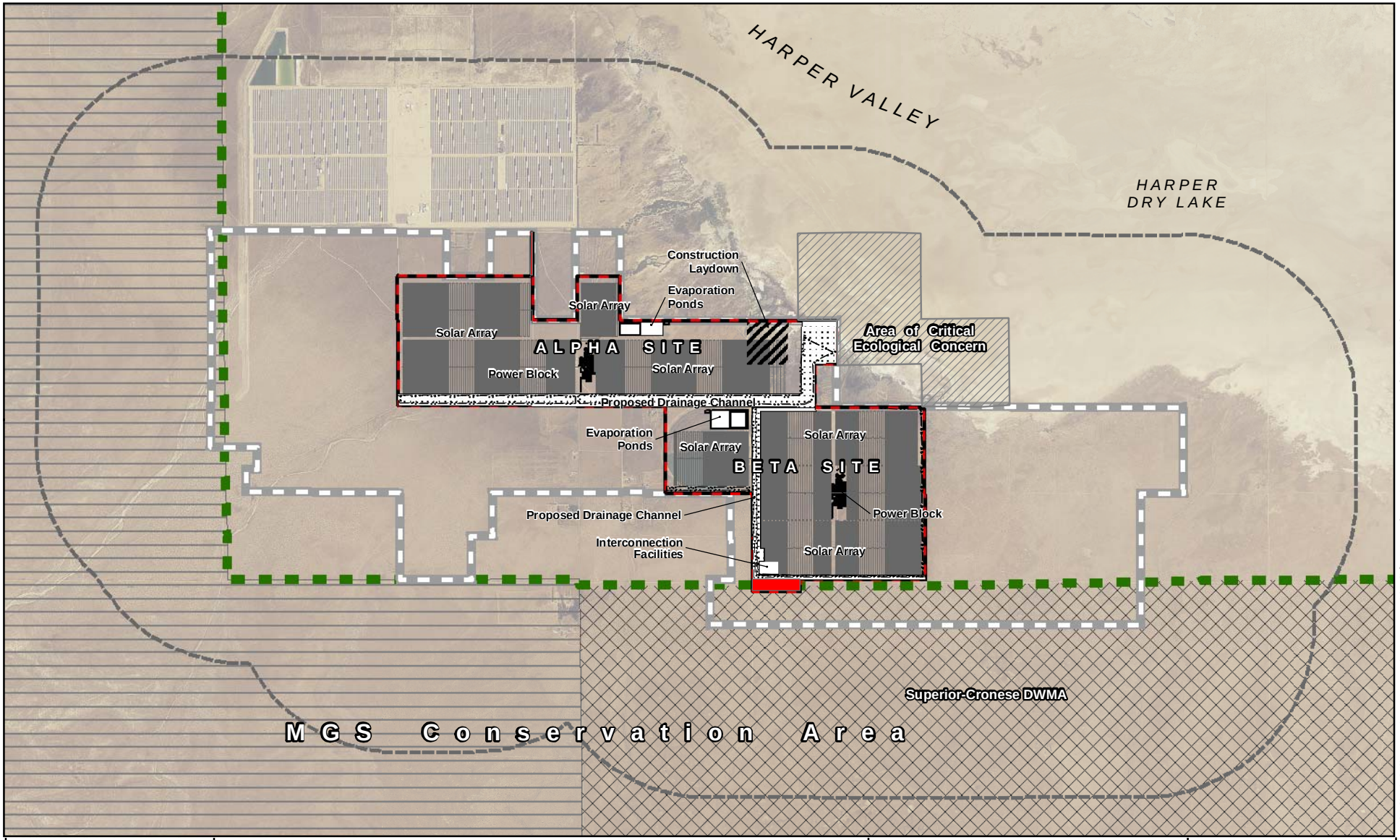
Regarding the CEC staff's comments on the ACEC location, there was an error in the conversion of the source mapping data, which was provided to our biology subcontractor, EDAW, as Geographic Coordinate System: GCS North American 1983, NAD 1983, UTM Zone 11N. When imported into the GIS system, the data should have been automatically converted to the common projection utilized for the entire data set (Geographic Coordinate System: GCS North American 1983, NAD 1983, State Plane California, V FIPS 0405 Feet). However, upon inspection, this conversion did not work correctly. The data shown on the revised figures have been corrected to properly display the data set. The updated figures correctly show the project not extending into the BLM ACEC.

On the CD, each file is named with the figure number it replaces. We apologize for the confusion. Please let me know if you have any questions.

Sincerely,

Frederick Redell, PE

1820 E GARRY AVENUE, SUITE 116 - SANTA ANA, CALIFORNIA 92705 - (949) 253-3400



Map Location

Legend

- Project Area (2009)
- Survey Area (CEC 1-mile Biology Buffer)
- Previous Biological Resources Survey Area
- Area of Critical Ecological Concern
- Mohave Ground Squirrel (MGS) Conservation Area
- Superior-Cronese Desert Wildlife Management Area (DWMA)
- Desert Tortoise Critical Habitat

1:51,000

0 4,250 8,500 12,750 Feet

N W E S

Mojave Solar Project
Figure 5.3-1
Plant Site and Survey Area

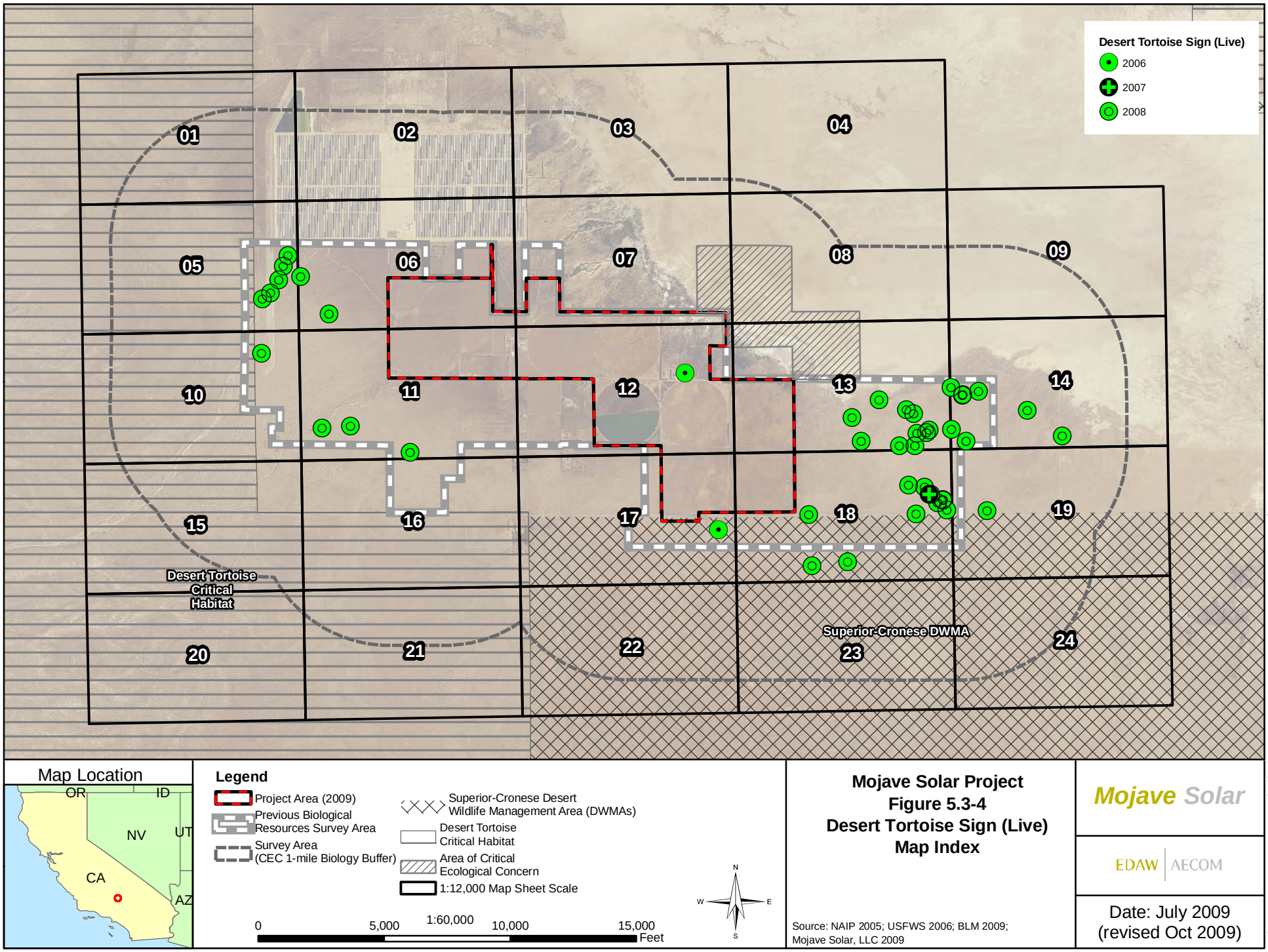
Source: NAIP 2005; USFWS 2006; BLM 2009; Mojave Solar, LLC 2009

Mojave Solar

EDAW | AECOM

Date: July 2009
(revised Oct 2009)

Path: P:\2008\08080191 Harper Lake Abengoa AFC\6.0 GIS\6.2 Project Directory\6.2.5 Layout\AFC\fig 5.3-1_plant_site_survey_area_v2.mxd, 10/07/09, leej



Mojave Solar Project
Figure 5.3-4
Desert Tortoise Sign (Live)
Map Index

Source: NAIP 2005; USFWS 2006; BLM 2009; Mojave Solar, LLC 2009

Mojave Solar

EDAW | AECOM

Date: July 2009
(revised Oct 2009)

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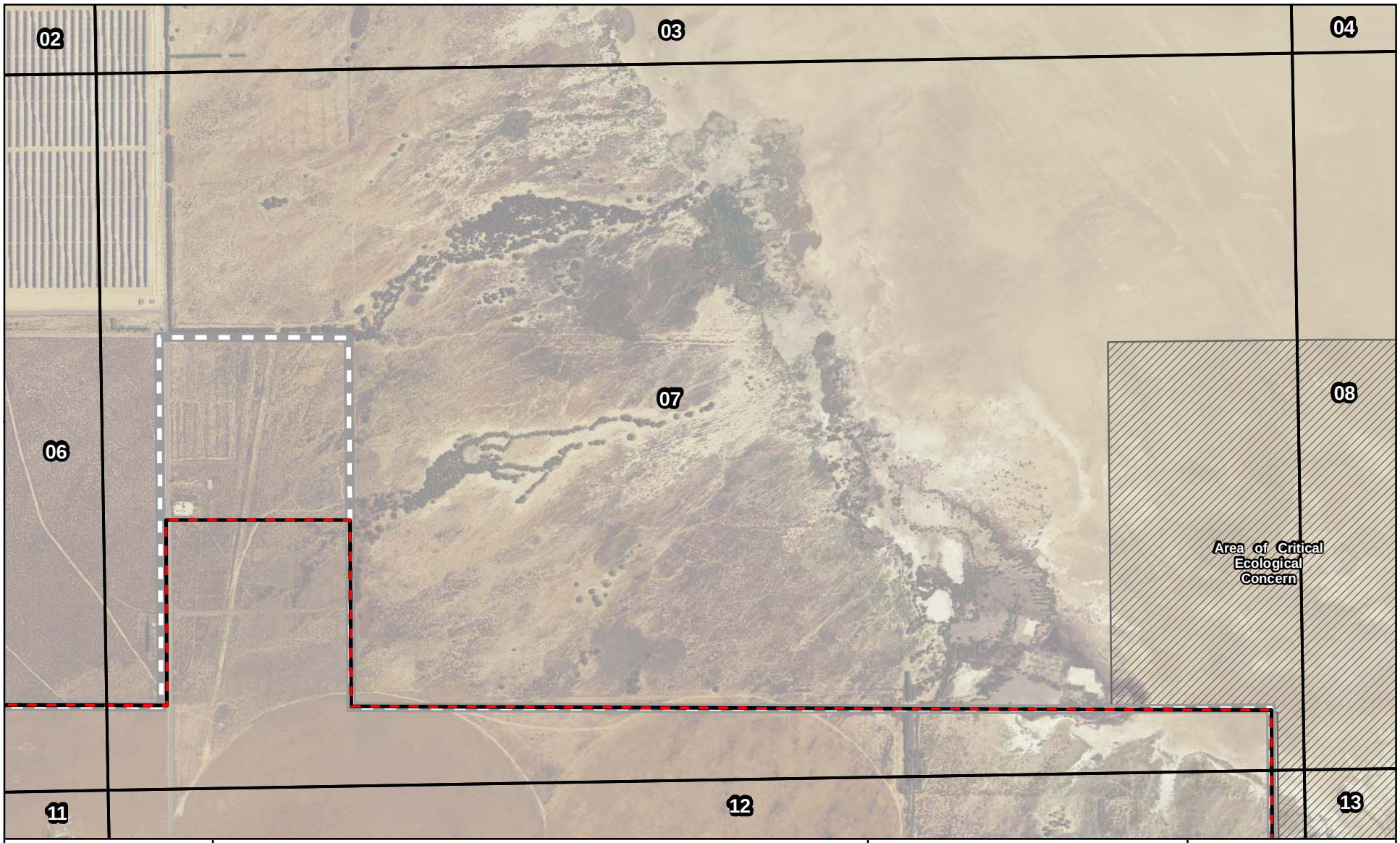

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- Area of Critical Ecological Concern
- 1:12,000 Map Sheet Scale

0 1,000 1:12,000 2,000 3,000 Feet

N W E S

Mojave Solar Project
Figure 5.3-4
Desert Tortoise and Sign (Live)
Map 07 of 24

See Map Index for Desert Tortoise Legend

Source: NAIP 2005; USFWS 2006; BLM 2009; Mojave Solar, LLC 2009

Mojave Solar

EDAW | AECOM

Date: July 2009
(revised Oct 2009)

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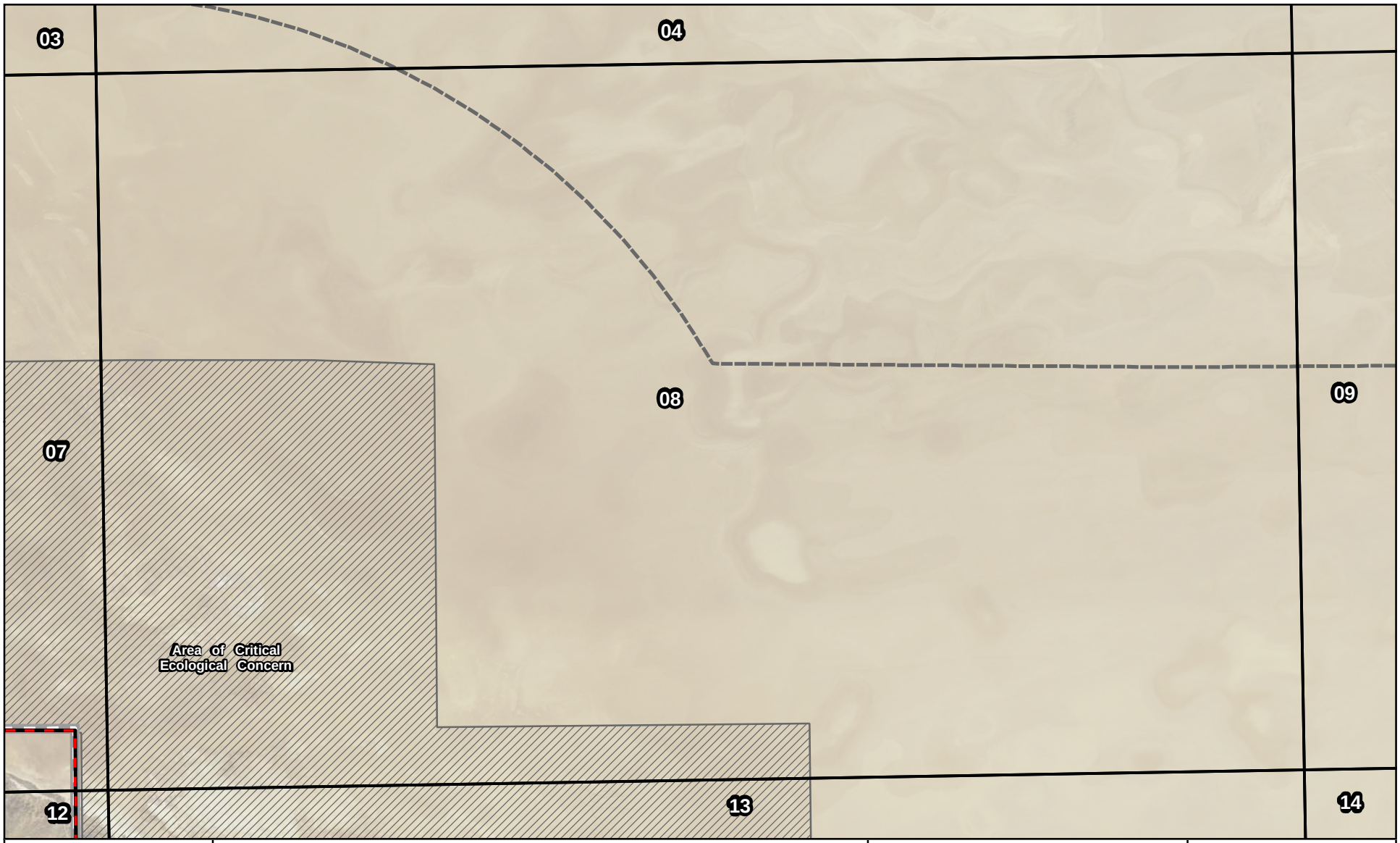

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0 1,000 1:12,000 2,000 3,000 Feet

N W E S

Mojave Solar Project
Figure 5.3-4
Desert Tortoise and Sign (Live)
Map 08 of 24

See Map Index for Desert Tortoise Legend

Source: NAIP 2005; USFWS 2006; BLM 2009; Mojave Solar, LLC 2009

Mojave Solar

EDAW | AECOM

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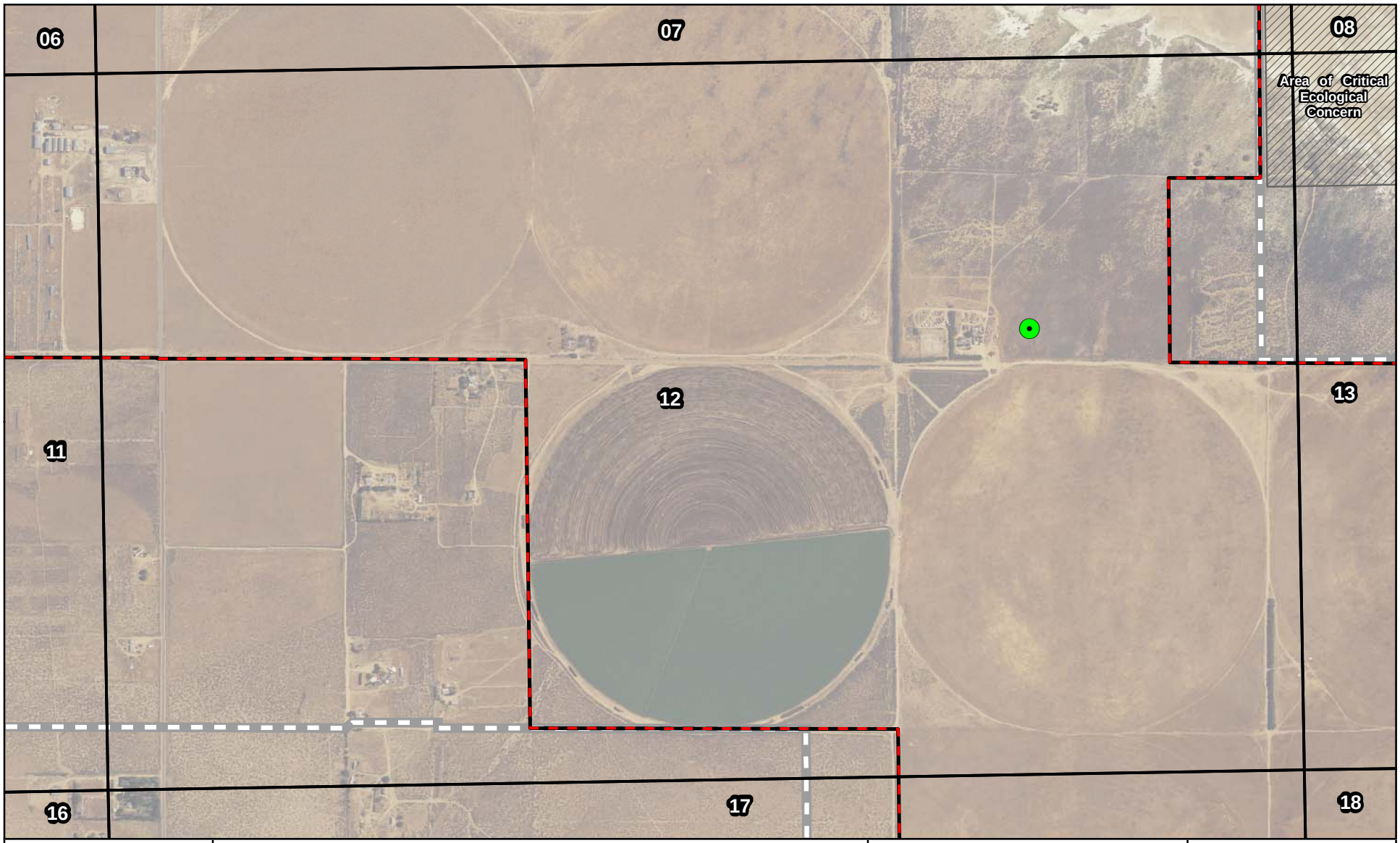

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N W E S

Mojave Solar Project
Figure 5.3-4
Desert Tortoise and Sign (Live)
Map 12 of 24

See Map Index for Desert Tortoise Legend

Source: NAIP 2005; USFWS 2006; BLM 2009; Mojave Solar, LLC 2009

Mojave Solar

EDAW | AECOM

Date: July 2009
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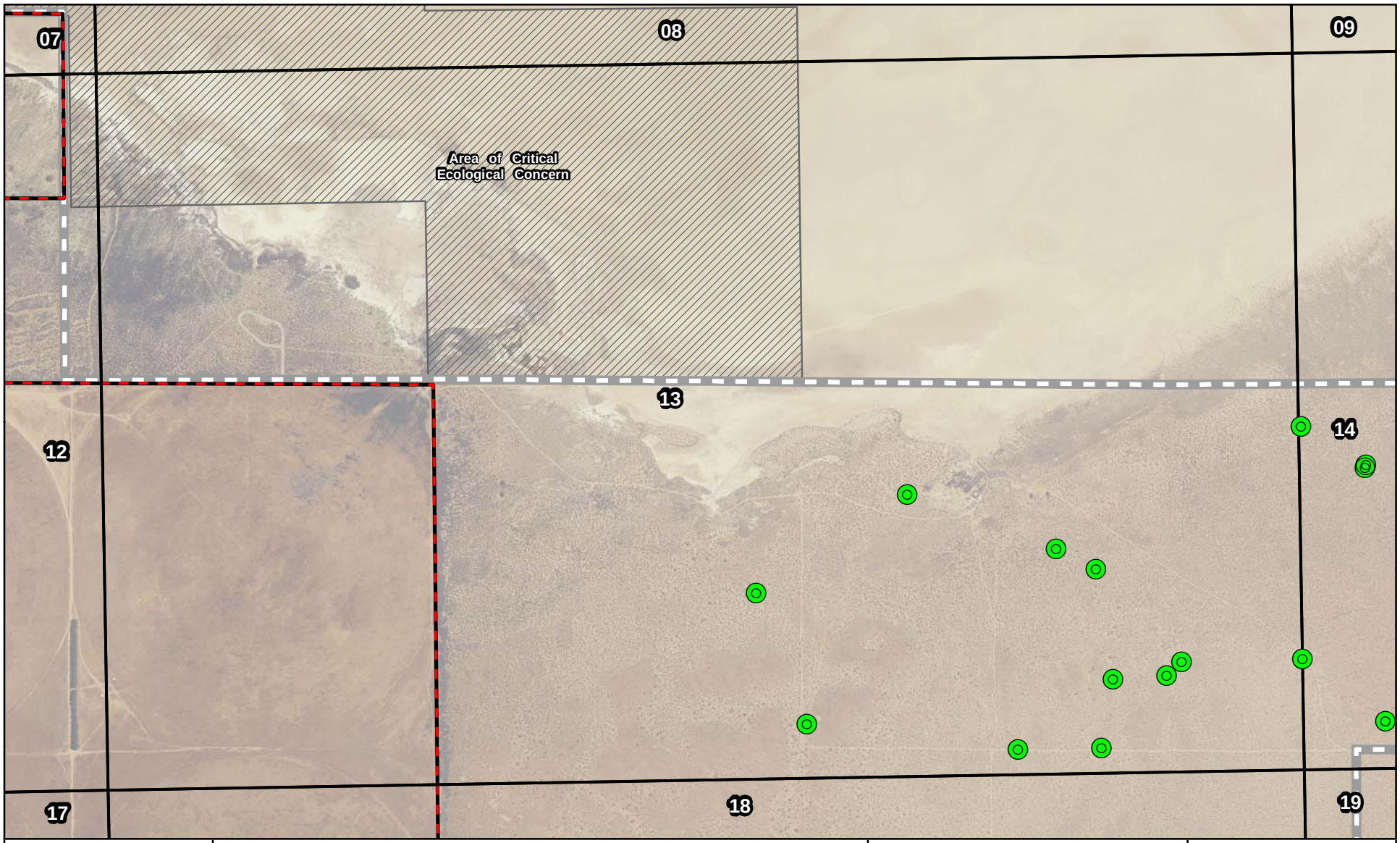

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Mojave Solar Project
Figure 5.3-4
Desert Tortoise and Sign (Live)
Map 13 of 24

See Map Index for Desert Tortoise Legend

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Mojave Solar

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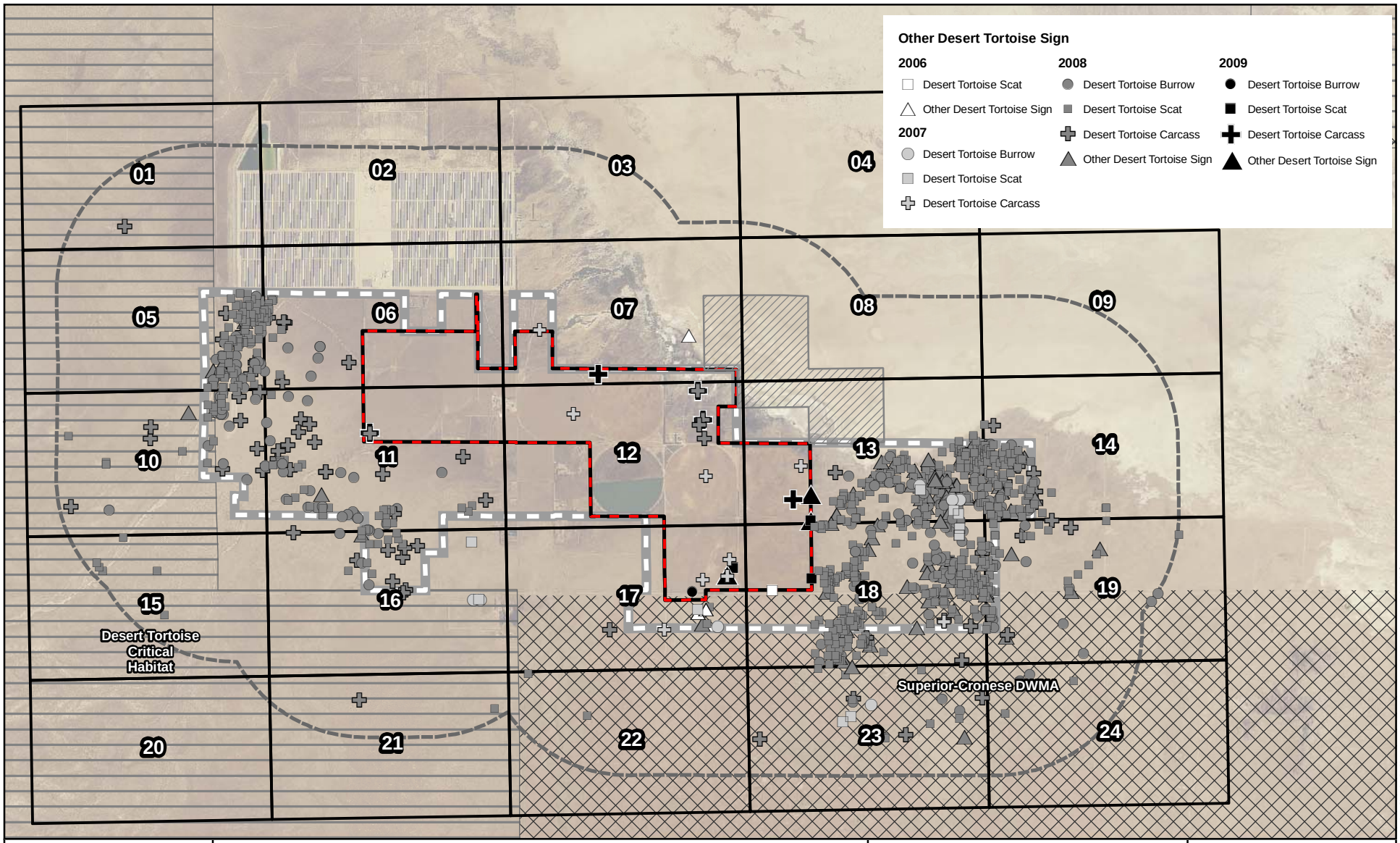

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0 5,000 10,000 15,000 Feet

1:60,000

N W E S

Mojave Solar Project
Figure 5.3-5
Other Desert Tortoise Sign
Map Index

Source: NAIP 2005; USFWS 2006; BLM 2009; Mojave Solar, LLC 2009

Mojave Solar

EDAW | AECOM

Date: July 2009
(revised Oct 2009)

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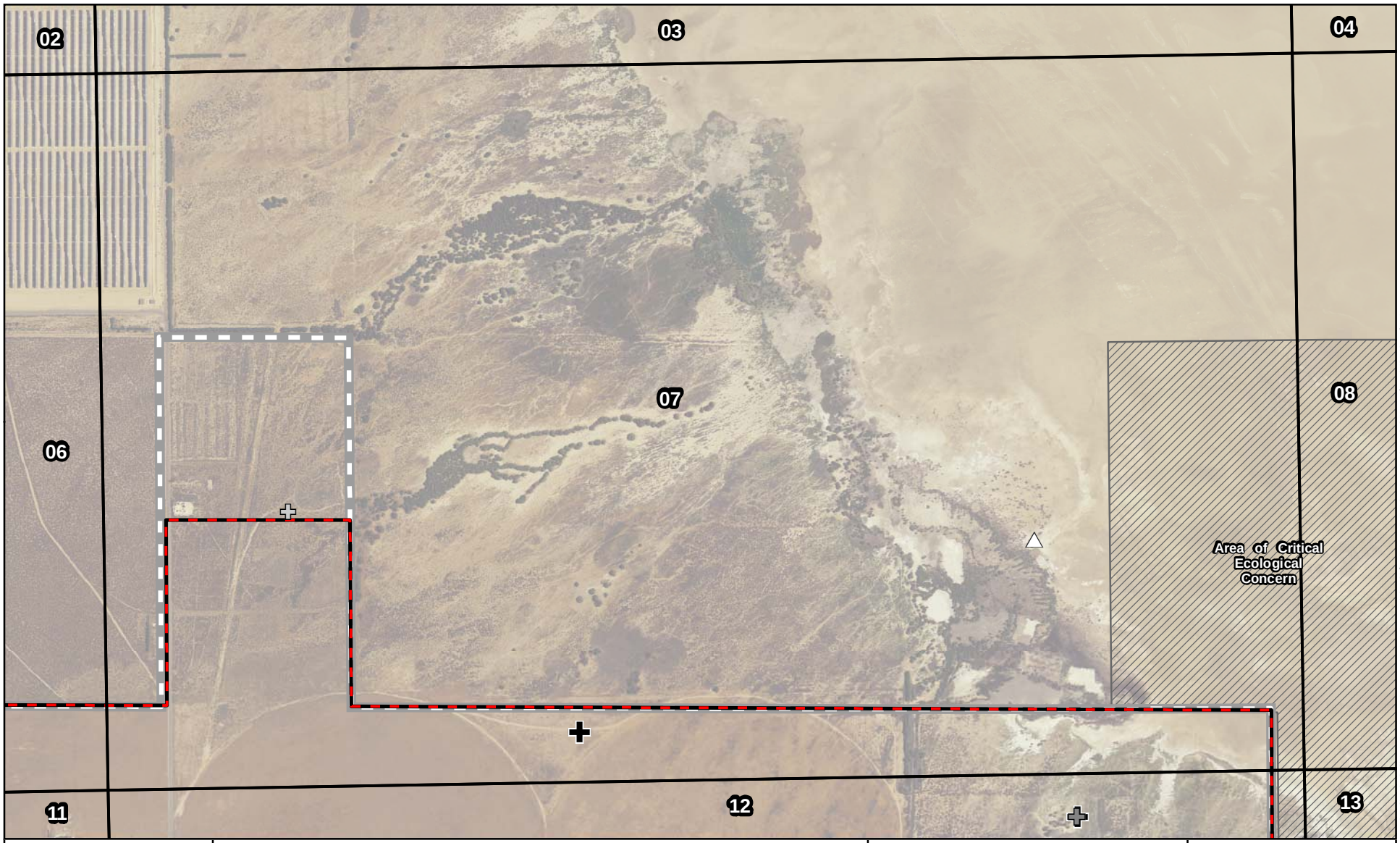

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Mojave Solar Project
Figure 5.3-5
Other Desert Tortoise Sign
Map 07 of 24

See Map Index for Desert Tortoise Legend

Source: NAIP 2005; USFWS 2006; BLM 2009; Mojave Solar, LLC 2009

Mojave Solar

EDAW | AECOM

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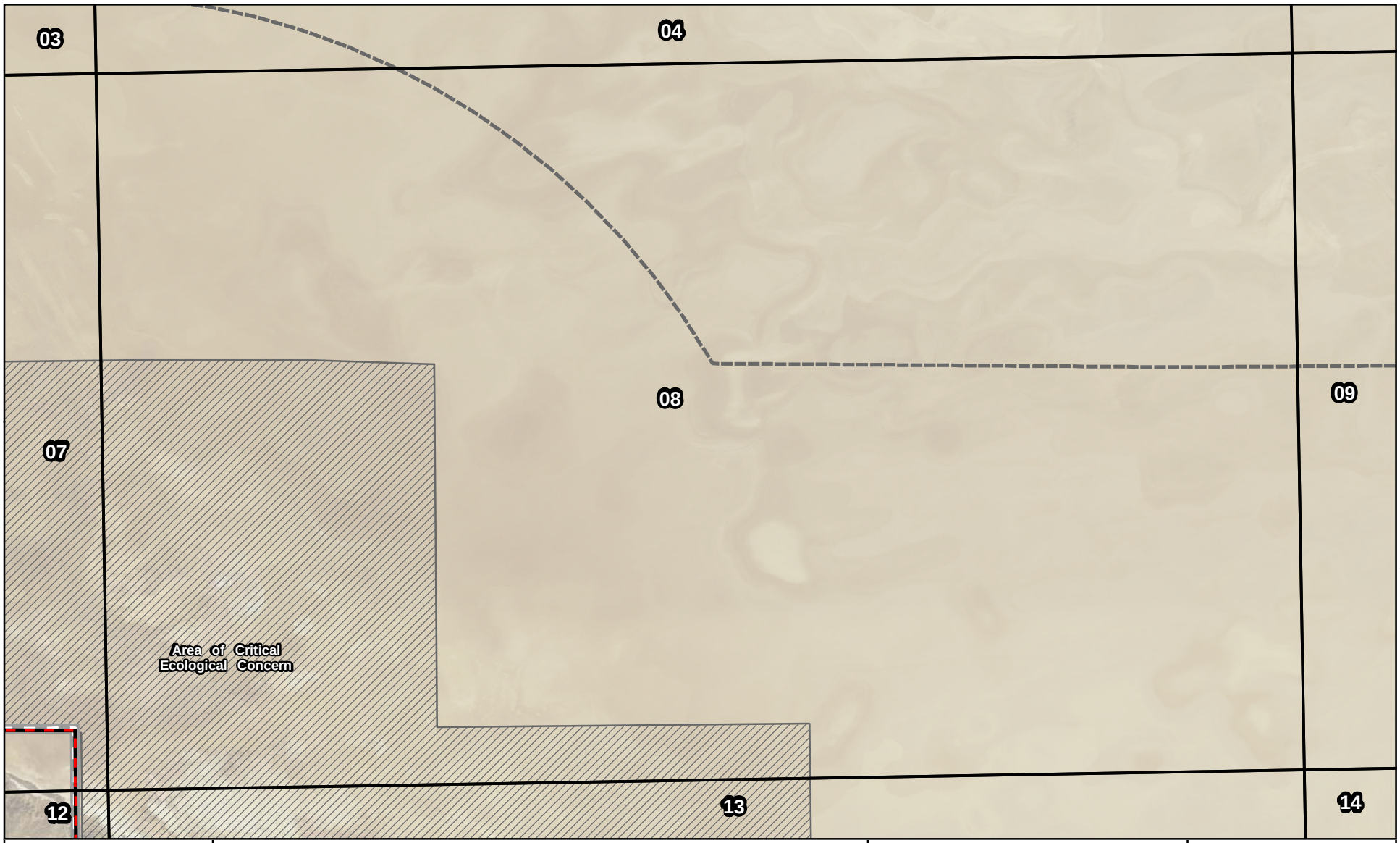

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0 1,000 1:12,000 2,000 3,000 Feet

N W E S

Mojave Solar Project
Figure 5.3-5
Other Desert Tortoise Sign
Map 08 of 24

See Map Index for Desert Tortoise Legend

Source: NAIP 2005; USFWS 2006; BLM 2009; Mojave Solar, LLC 2009

Mojave Solar

EDAW | AECOM

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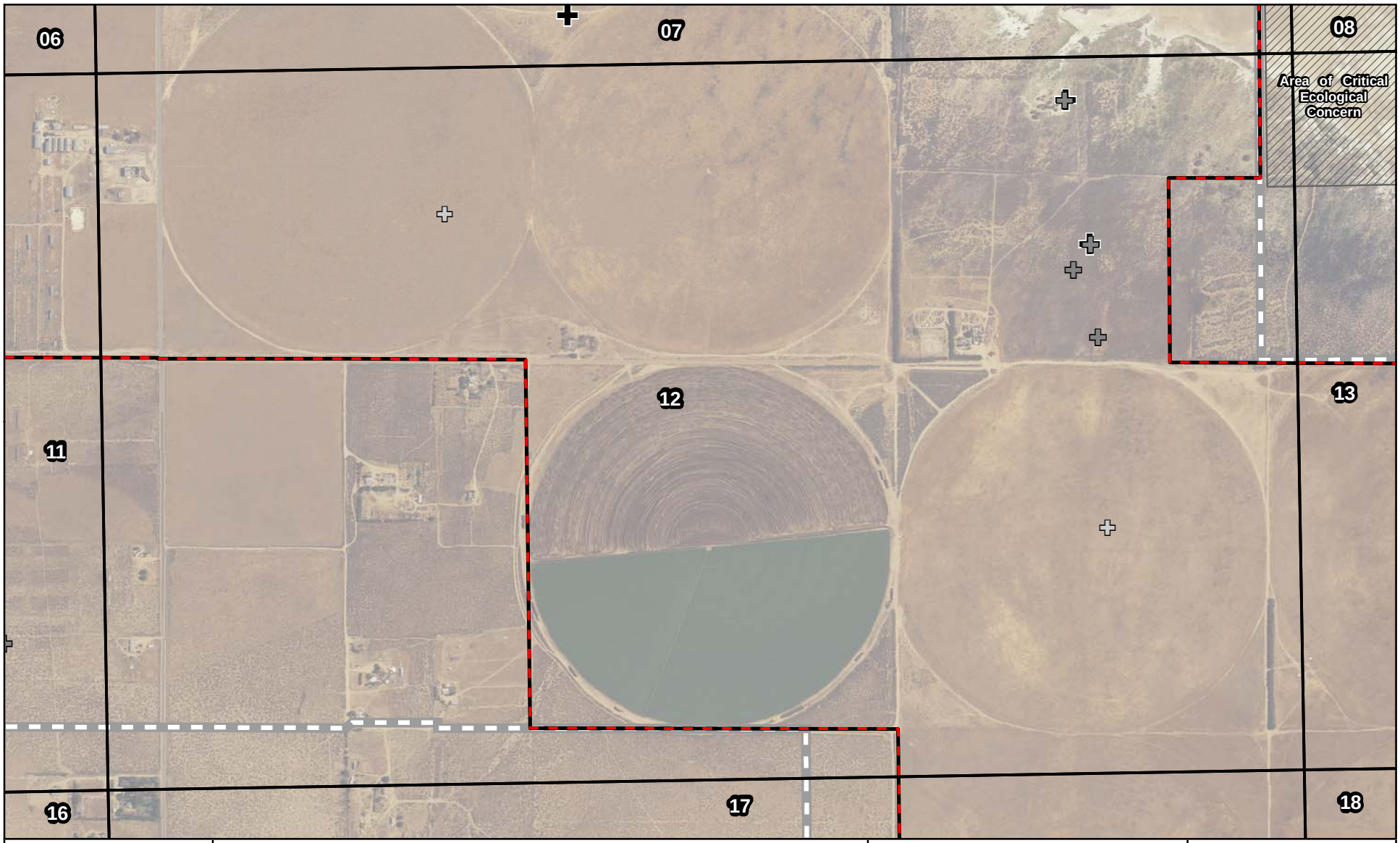

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N W E S

Mojave Solar Project
Figure 5.3-5
Other Desert Tortoise Sign
Map 12 of 24

See Map Index for Desert Tortoise Legend

Source: NAIP 2005; USFWS 2006; BLM 2009; Mojave Solar, LLC 2009

Mojave Solar

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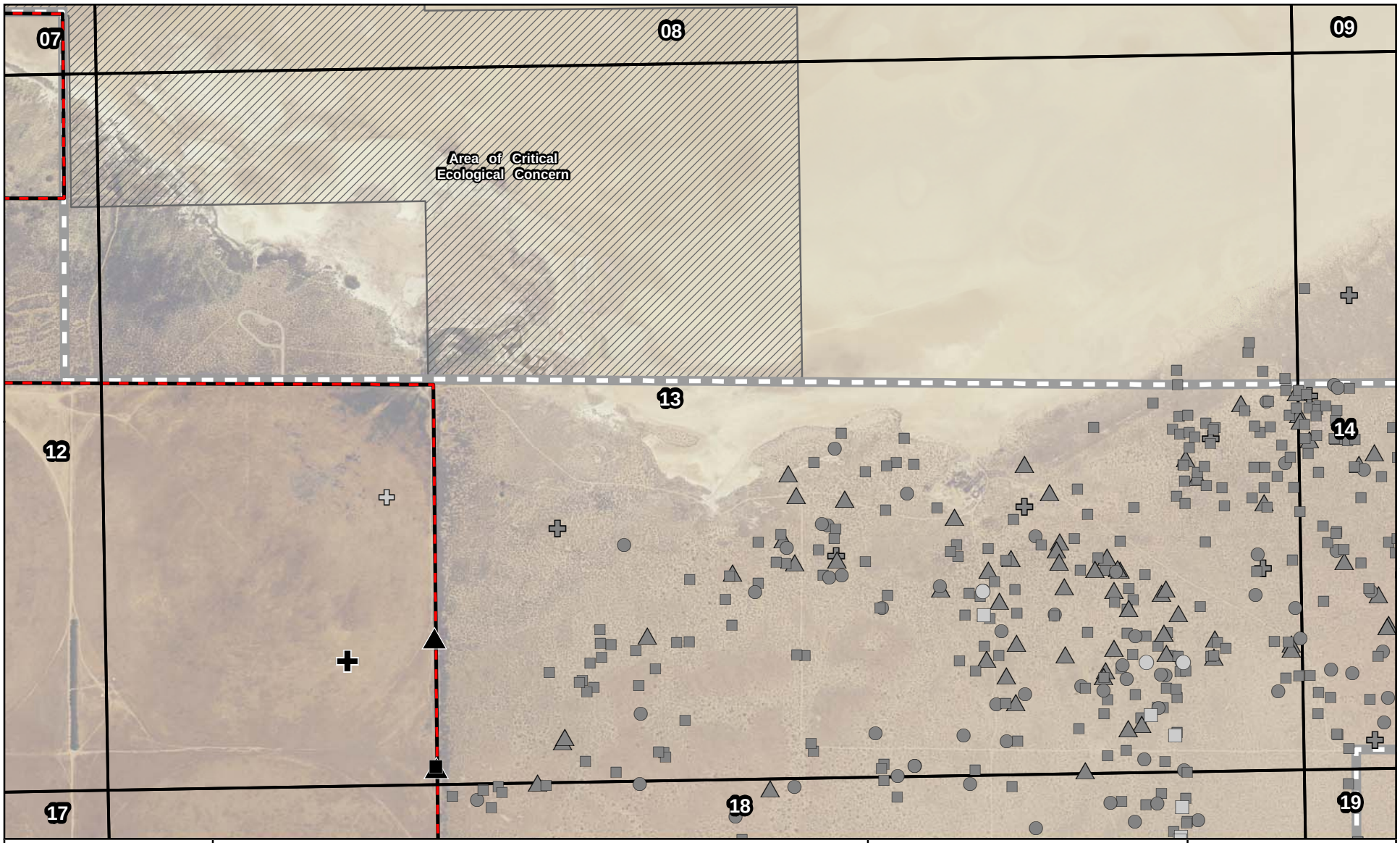

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Mojave Solar Project
Figure 5.3-5
Other Desert Tortoise Sign
Map 13 of 24

See Map Index for Desert Tortoise Legend

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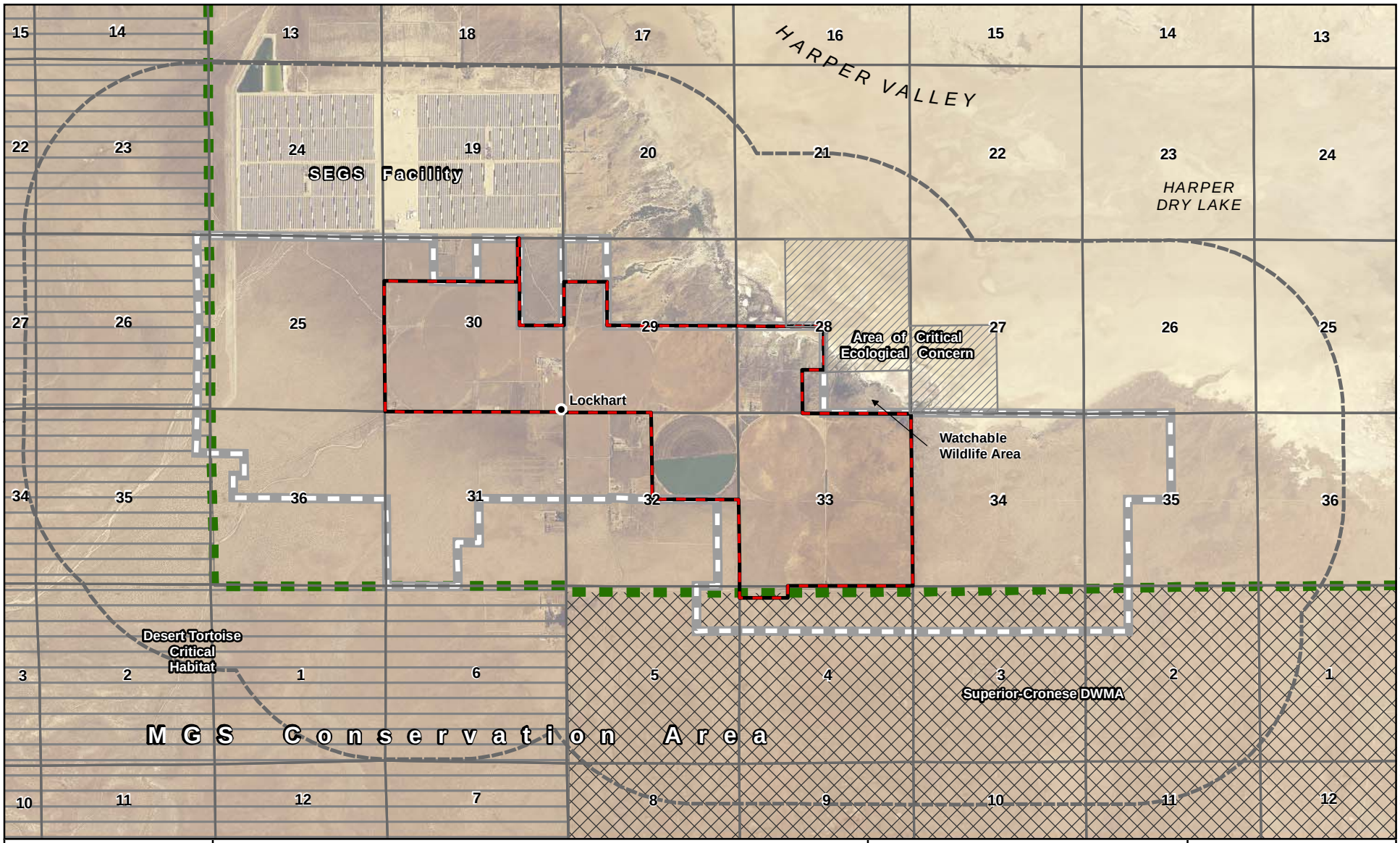

Map Location

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- Desert Tortoise Critical Habitat

0 4,250 1:51,000 8,500 12,750 Feet

N W E S

Mojave Solar Project
Figure 5.3-a
Vicinity Map

Source: NAIP 2005; USFWS 2006; BLM 2009; Mojave Solar, LLC 2009

Mojave Solar

EDAW | AECOM

Date: July 2009
(revised Oct 2009)

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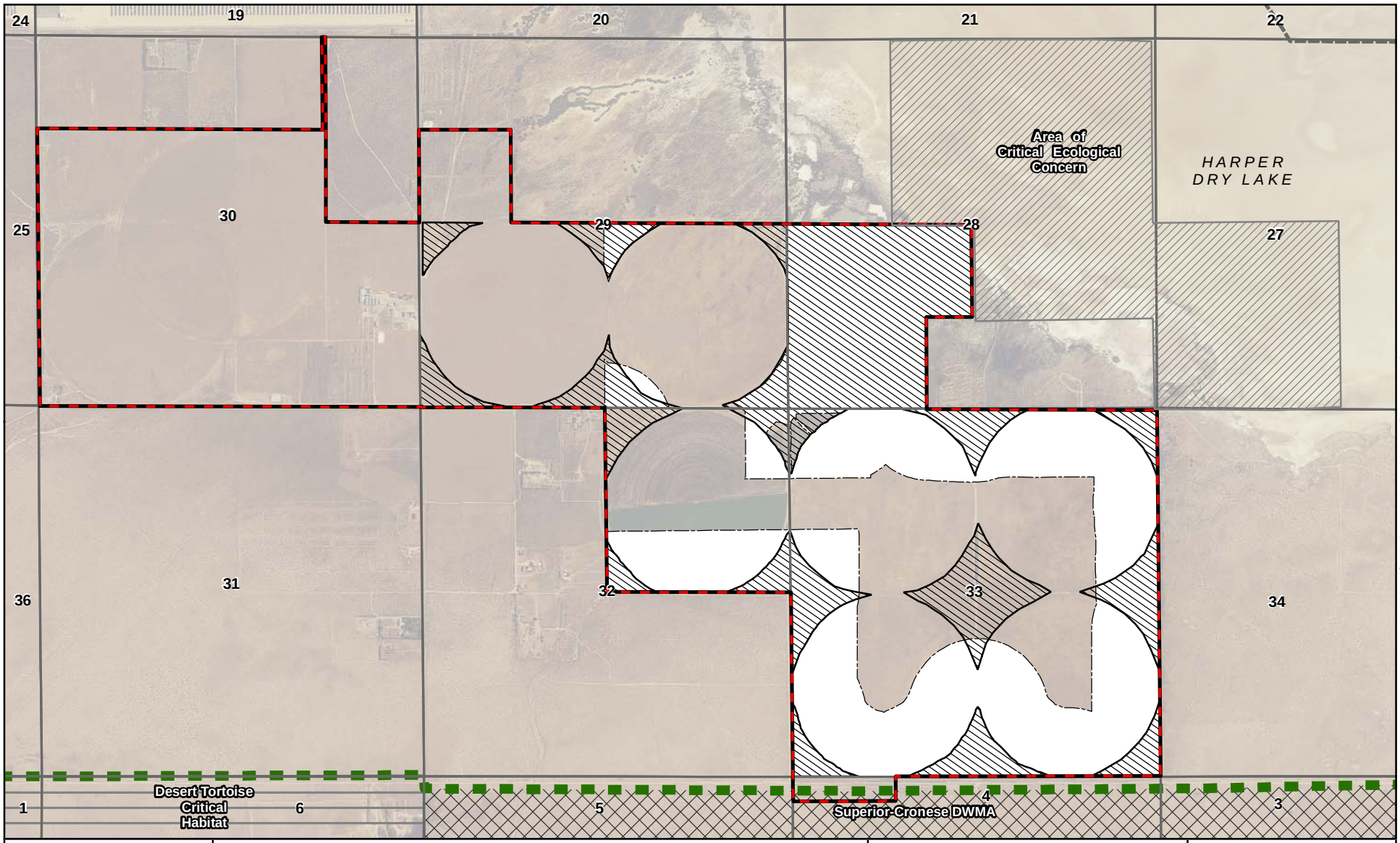

Mojave Solar Project
Figure 5.3-b
2009 Survey Areas

Source: NAIP 2005; USFWS 2006; BLM 2009; Mojave Solar, LLC 2009

Mojave Solar

EDAW | AECOM

Date: July 2009
(revised Oct 2009)

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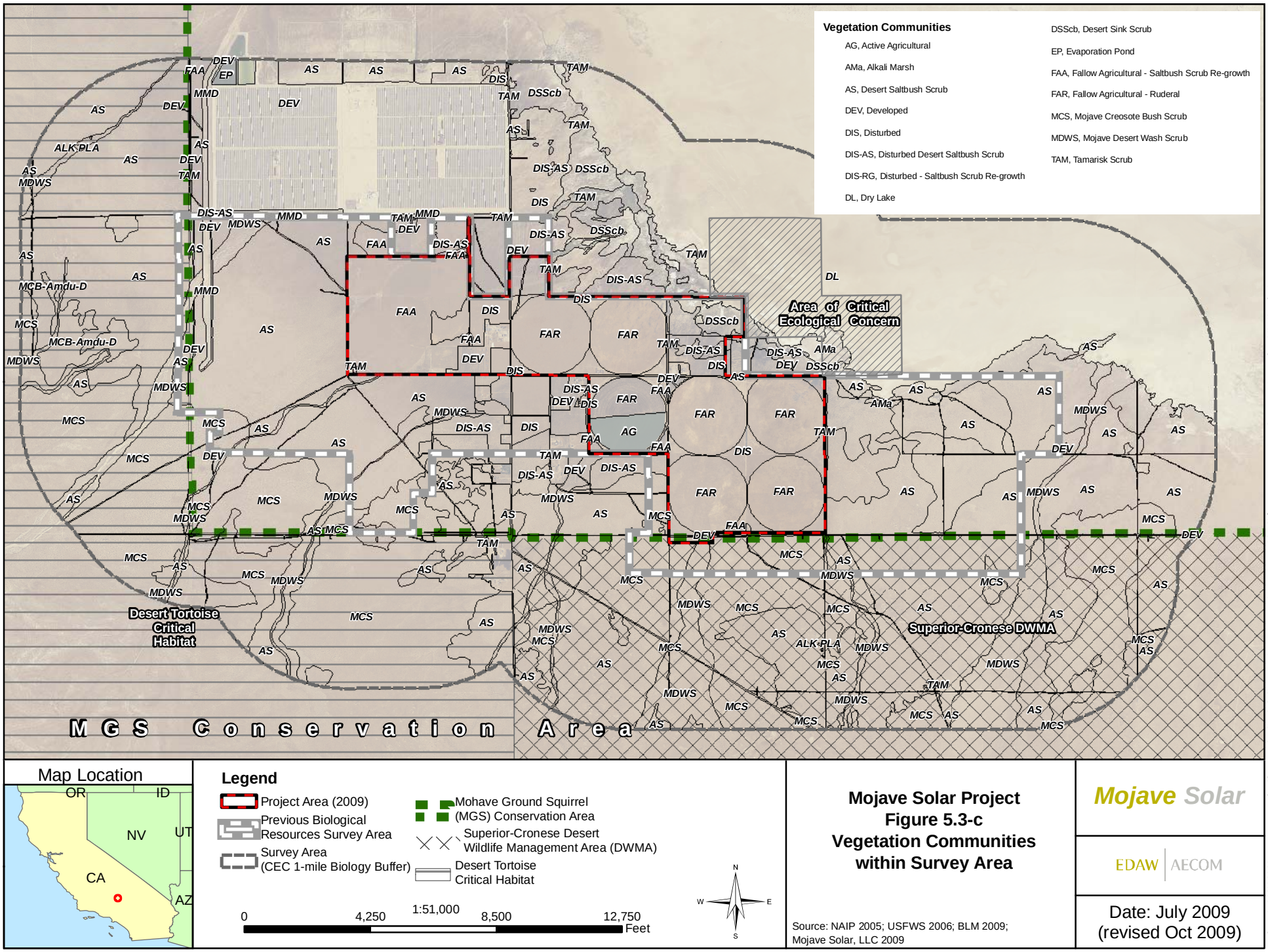

Mojave Solar Project
Figure 5.3-c
Vegetation Communities within Survey Area

Source: NAIP 2005; USFWS 2006; BLM 2009; Mojave Solar, LLC 2009

Mojave Solar

EDAW | AECOM

Date: July 2009 (revised Oct 2009)

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