

- Project Boundary
- Transmission Line
- Water Supply Pipeline (Buried)
- Proposed DPV2-Transmission Route
- Existing Transmission Lines
- National Park
- Wilderness Areas
- Areas of Critical Environmental Concern
- Chuckwalla DWMA
- Ag Lands 2007**
- Agricultural Land
- Abandoned Agricultural Land

04-Jun-2010 Figure 3.4-1 Regional Land Use.mxd MJD

SOURCE:
Open Space- BLM
Ag Lands- Field investigation 2007



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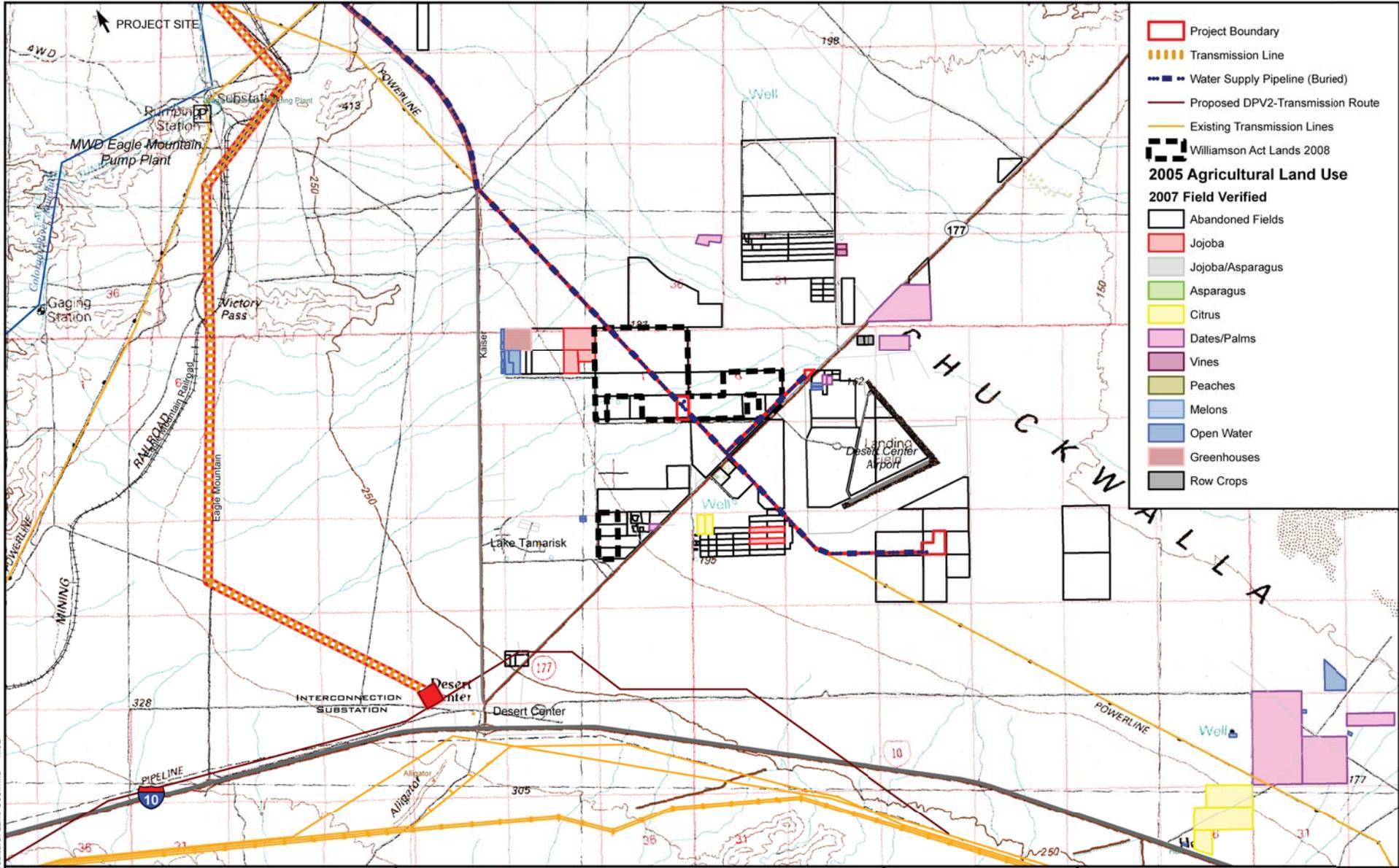
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REGIONAL LAND USE

June 2010

Figure 3.4-1



- Project Boundary
- Transmission Line
- Water Supply Pipeline (Buried)
- Proposed DPV2-Transmission Route
- Existing Transmission Lines
- Williamson Act Lands 2008
- 2005 Agricultural Land Use**
- 2007 Field Verified**
- Abandoned Fields
- Jojoba
- Jojoba/Asparagus
- Asparagus
- Citrus
- Dates/Palms
- Vines
- Peaches
- Melons
- Open Water
- Greenhouses
- Row Crops

04-Jun-2010 Figure 3.4-2 Agricultural Land Use.mxd MJD

SOURCE:
Open Space- BLM
Ag Lands- Field investigation 2007



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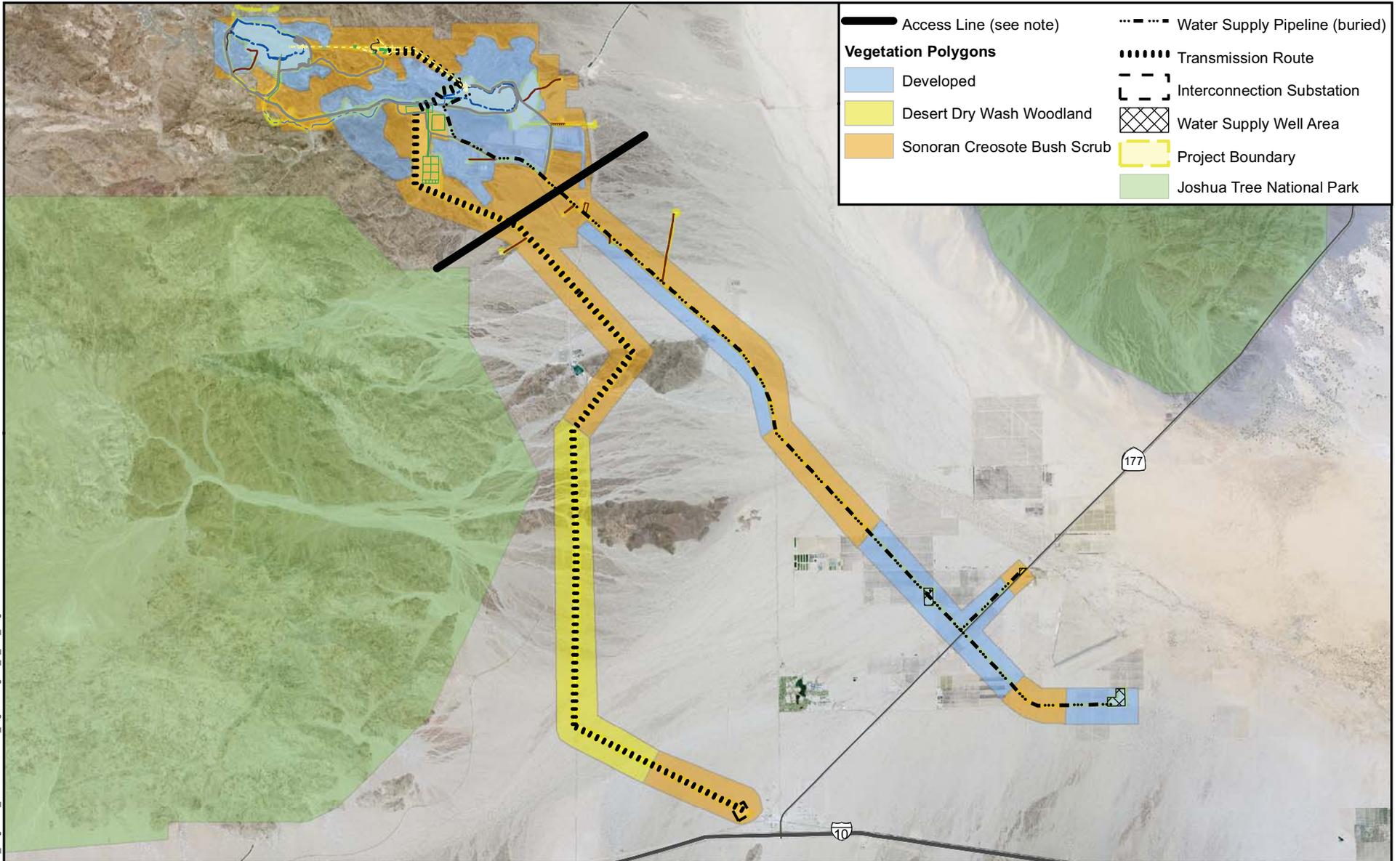
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AGRICULTURAL LAND USE

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Figure 3.4-2



NOTE: Mapping northwest of Access Line is based on aerial photographs and ground views rather than direct site access.



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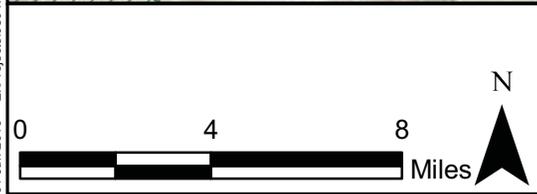
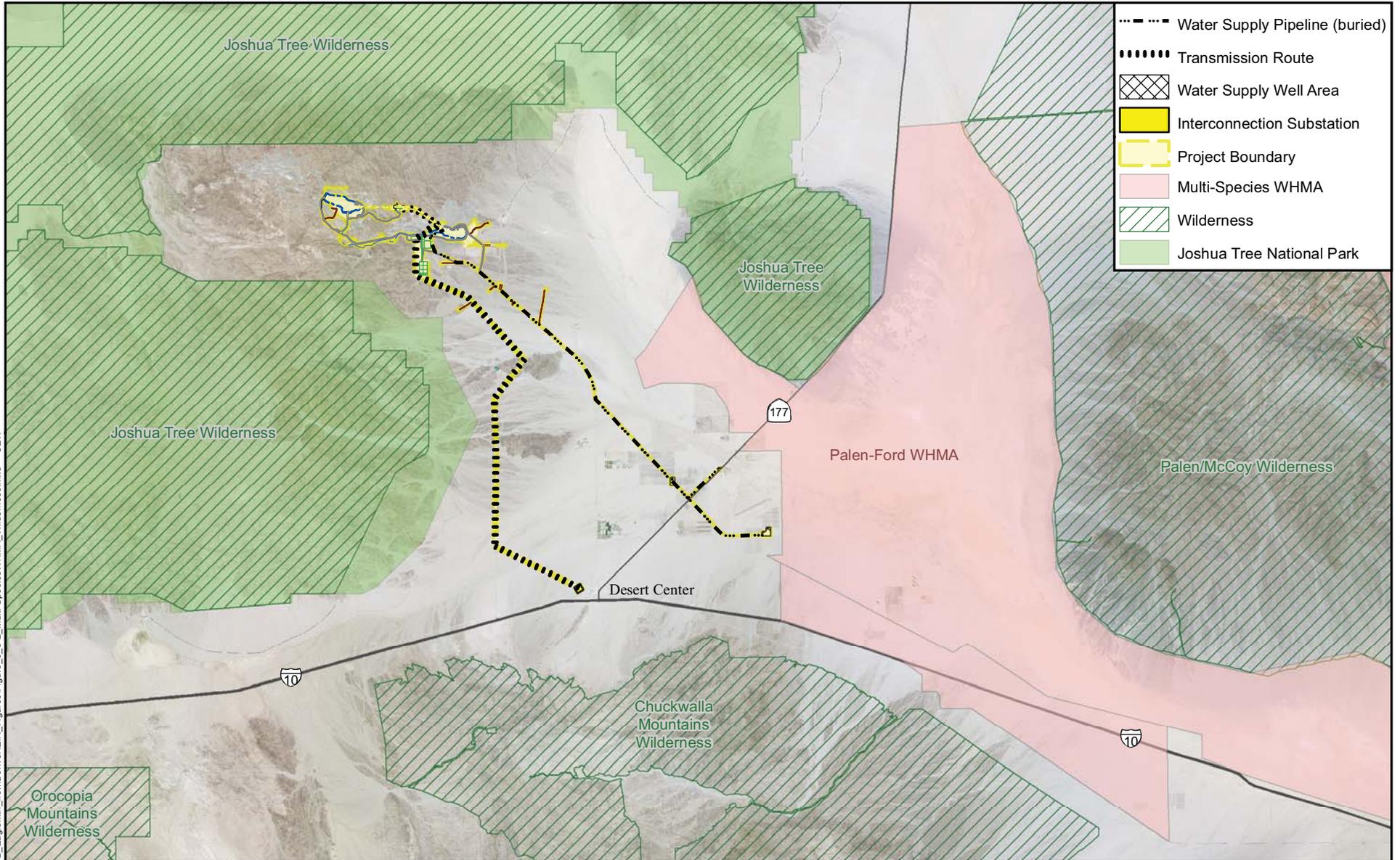


VEGETATION IN
PROJECT AREA

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Figure 3.5-1

04-Jun-2010 Z:\Projects\080472_EagleMtn_fromDenver\ER_Figures\Figure_3_5-2_Multi-SpeciesWHMA_Wilderness.mxd SEW



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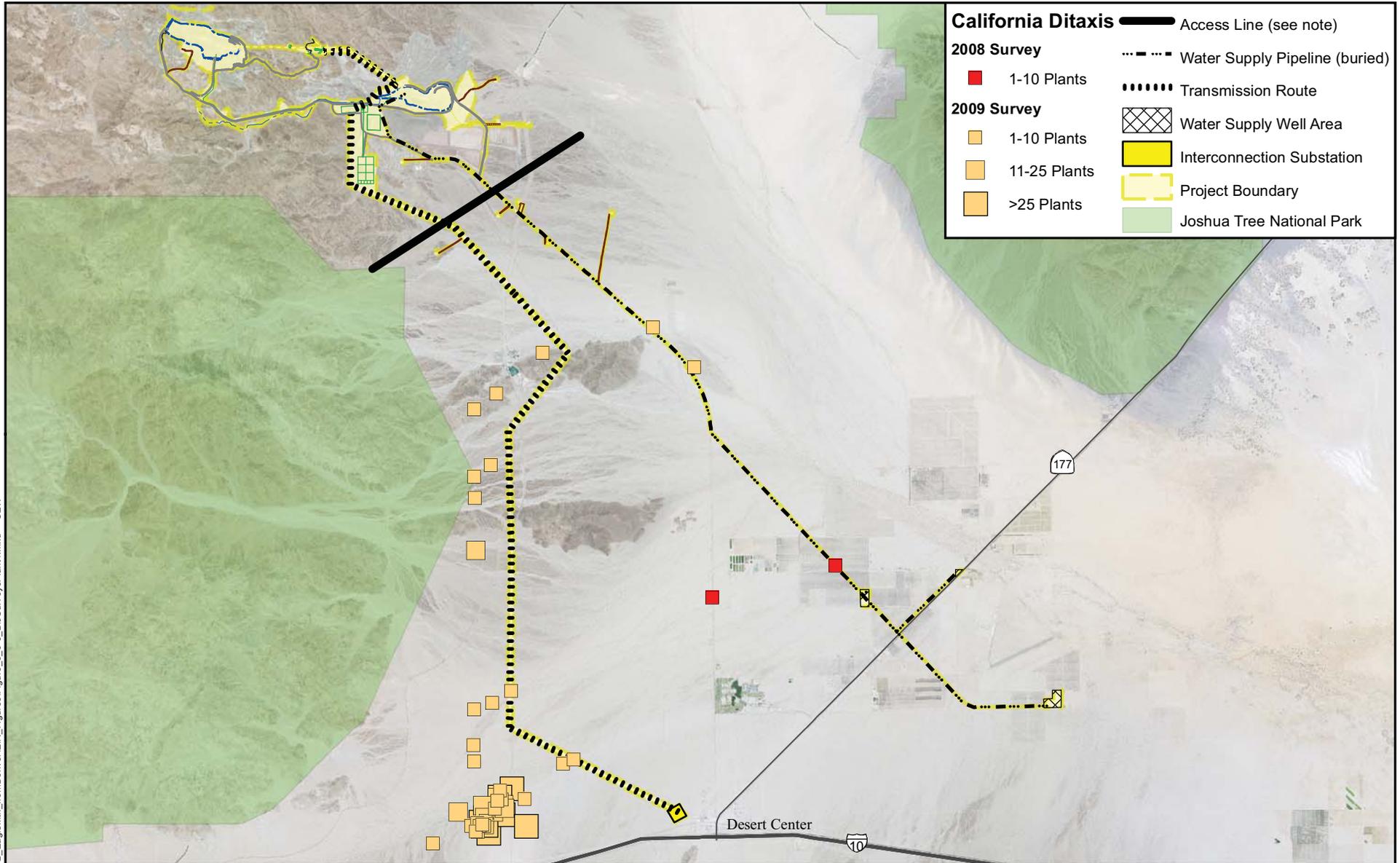
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**MULTI-SPECIES WHMA
 AND WILDERNESS
 NEAR PROJECT AREA**

June 2010 Figure 3.5-2

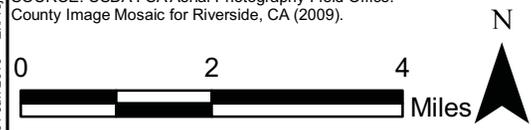
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California Ditaxis

- Access Line (see note)
- 2008 Survey**
 - 1-10 Plants
 - 11-25 Plants
 - >25 Plants
- 2009 Survey**
 - 1-10 Plants
 - 11-25 Plants
 - >25 Plants
- Water Supply Pipeline (buried)
- Transmission Route
- Water Supply Well Area
- Interconnection Substation
- Project Boundary
- Joshua Tree National Park

NOTE: Mapping northwest of Access Line is based on aerial photographs and ground views rather than direct site access.
 SOURCE: USDA FSA Aerial Photography Field Office: County Image Mosaic for Riverside, CA (2009).



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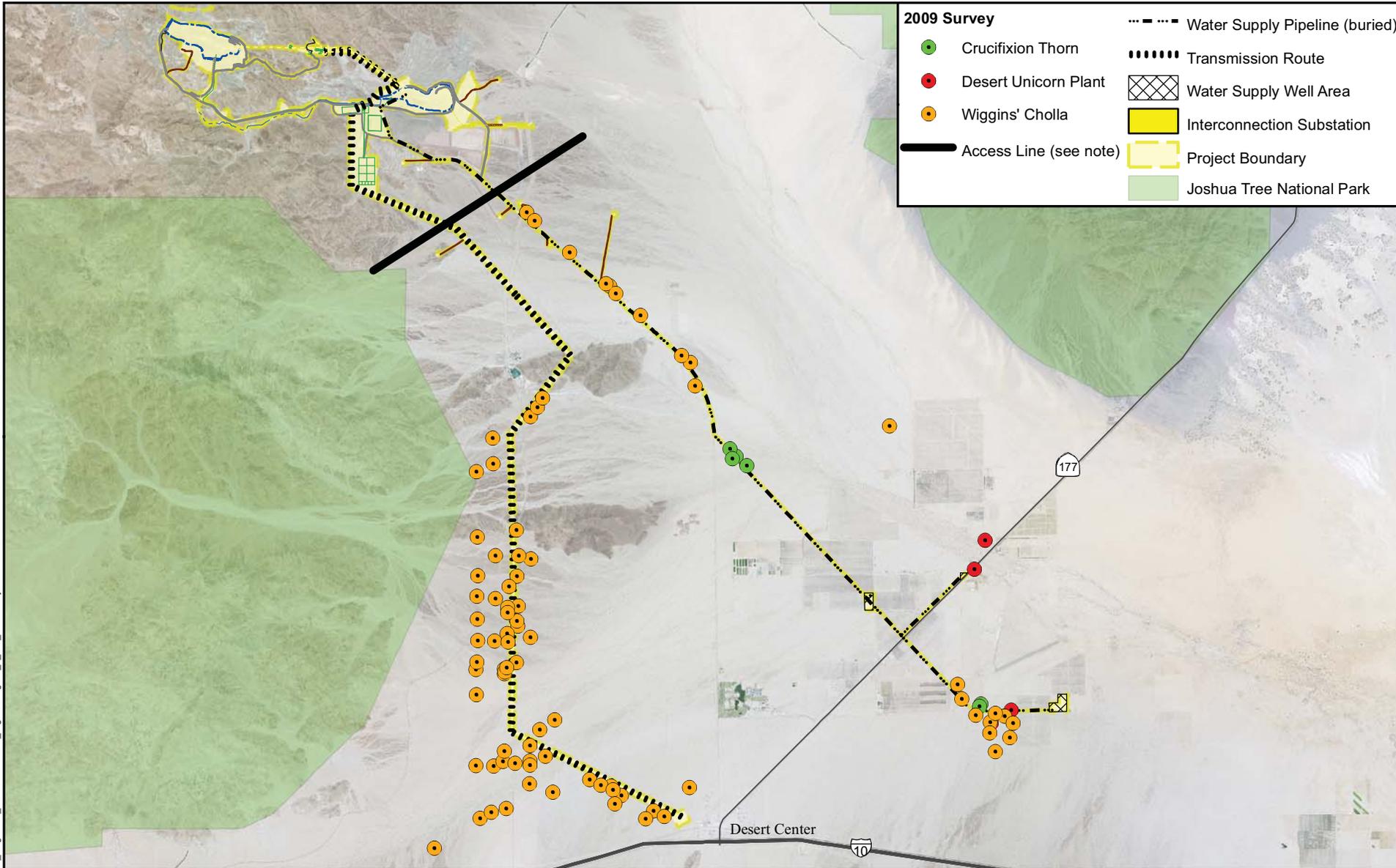


RESULTS OF SPECIAL
 BIOLOGICAL RESOURCES
 SURVEYS IN 2008 AND 2009:
 PLANTS (PAGE 1 OF 3)

June 2010

Figure 3.5-3

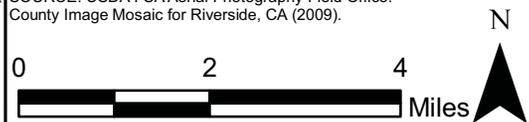
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2009 Survey

- Crucifixion Thorn
- Desert Unicorn Plant
- Wiggins' Cholla
- Access Line (see note)
- Water Supply Pipeline (buried)
- Transmission Route
- Water Supply Well Area
- Interconnection Substation
- Project Boundary
- Joshua Tree National Park

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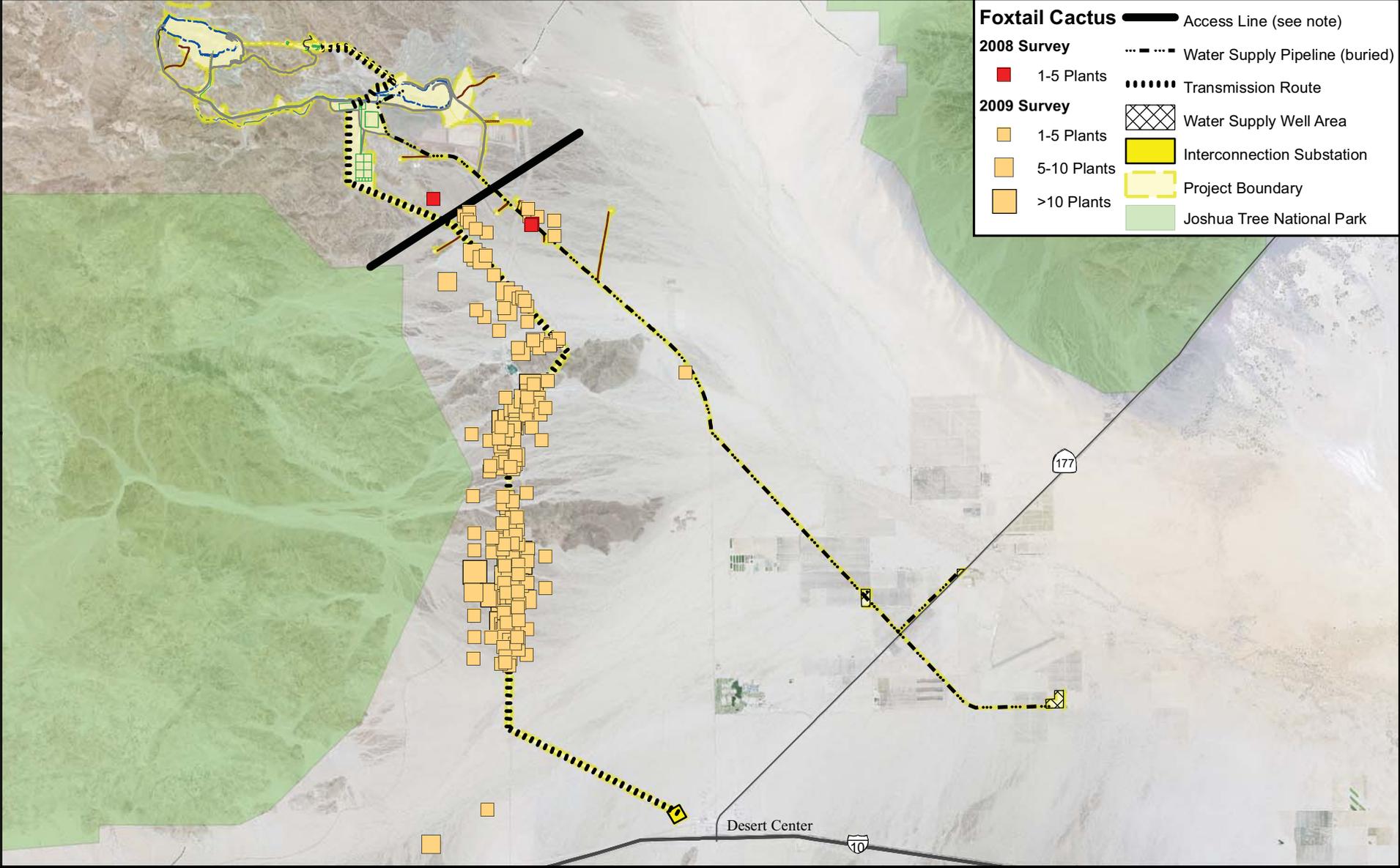


RESULTS OF SPECIAL
 BIOLOGICAL RESOURCES
 SURVEYS IN 2008 AND 2009:
 PLANTS (PAGE 2 OF 3)

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Figure 3.5-4

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Foxtail Cactus

- Access Line (see note)
- 2008 Survey**
 - 1-5 Plants
- 2009 Survey**
 - 1-5 Plants
 - 5-10 Plants
 - >10 Plants
- Water Supply Pipeline (buried)
- Transmission Route
- Water Supply Well Area
- Interconnection Substation
- Project Boundary
- Joshua Tree National Park

NOTE: Mapping northwest of Access Line is based on aerial photographs and ground views rather than direct site access.
 SOURCE: USDA FSA Aerial Photography Field Office: County Image Mosaic for Riverside, CA (2009).



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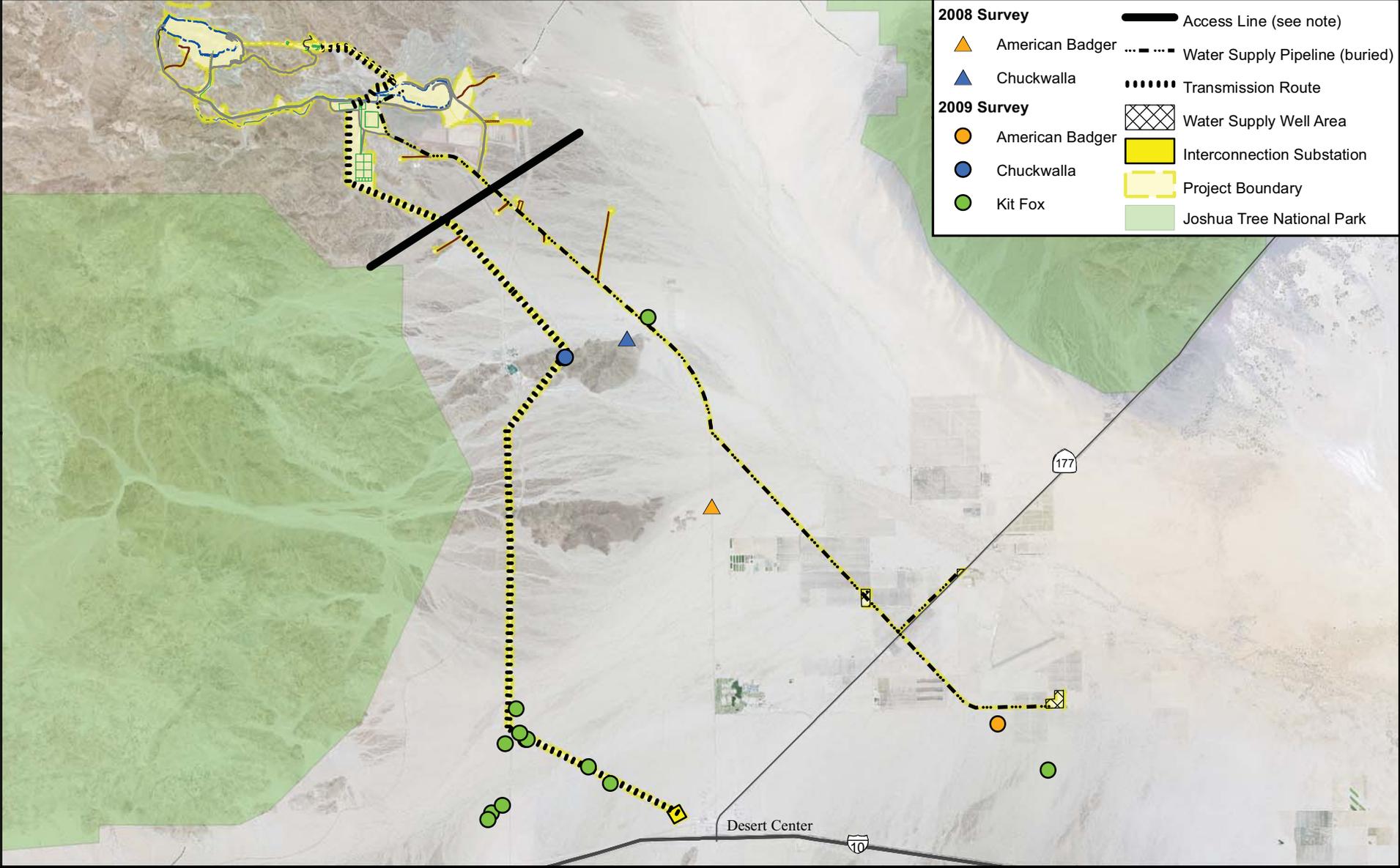
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**RESULTS OF SPECIAL
 BIOLOGICAL RESOURCES
 SURVEYS IN 2008 AND 2009:
 PLANTS (PAGE 3 OF 3)**

June 2010 Figure 3.5-5

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2008 Survey		Access Line (see note)
American Badger	Water Supply Pipeline (buried)	Transmission Route
Chuckwalla	Water Supply Well Area	Interconnection Substation
American Badger	Project Boundary	Joshua Tree National Park
Chuckwalla		
Kit Fox		

NOTE: Mapping northwest of Access Line is based on aerial photographs and ground views rather than direct site access.
 SOURCE: USDA FSA Aerial Photography Field Office: County Image Mosaic for Riverside, CA (2009).



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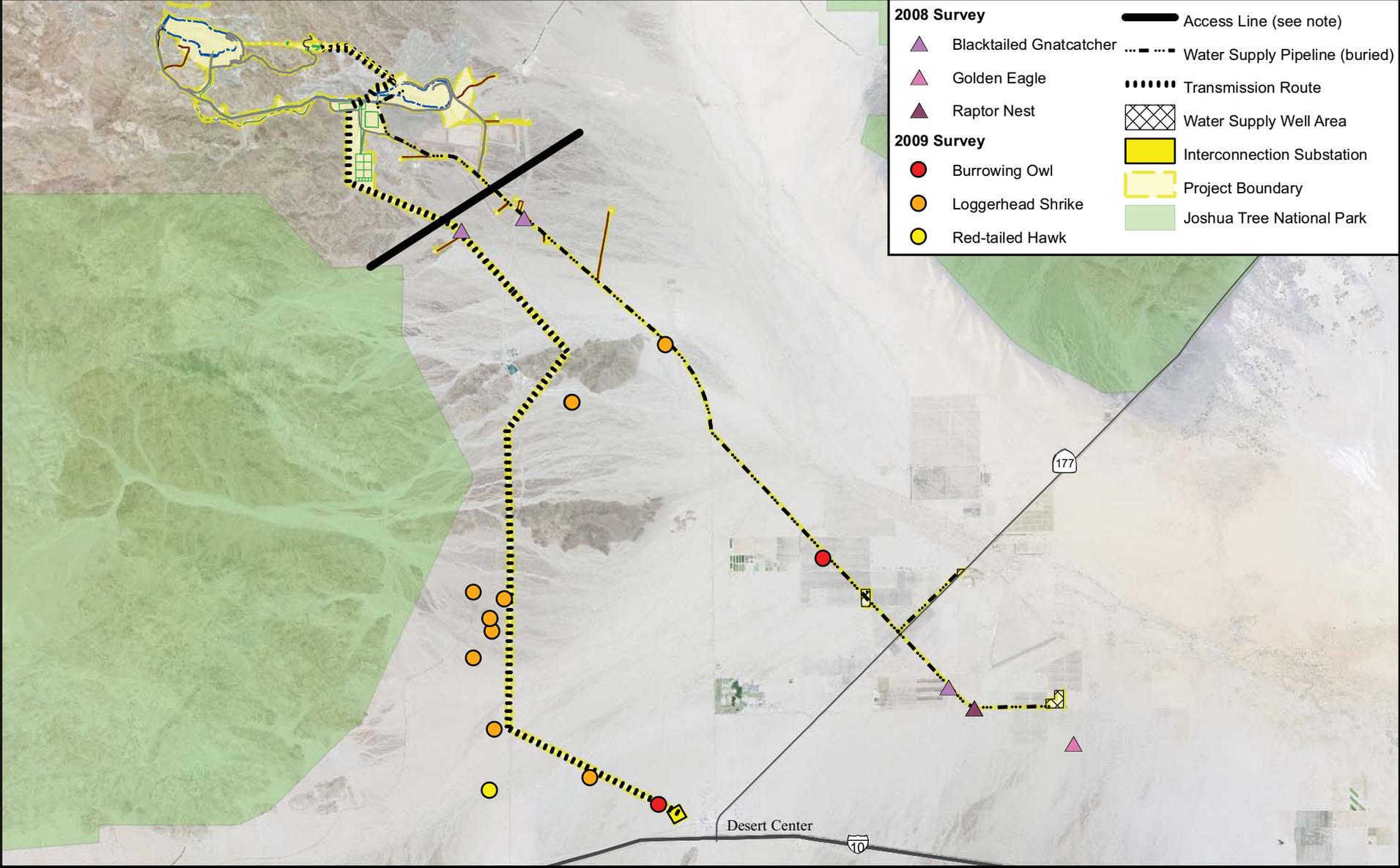
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**RESULTS OF SPECIAL
 BIOLOGICAL RESOURCES
 SURVEYS IN 2008 AND 2009:
 PLANTS (PAGE 1 OF 2)**

June 2010 Figure 3.5-6

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2008 Survey	Access Line (see note)
Blacktailed Gnatcatcher	Water Supply Pipeline (buried)
Golden Eagle	Transmission Route
Raptor Nest	Water Supply Well Area
2009 Survey	Interconnection Substation
Burrowing Owl	Project Boundary
Loggerhead Shrike	Joshua Tree National Park
Red-tailed Hawk	

NOTE: Mapping northwest of Access Line is based on aerial photographs and ground views rather than direct site access.
 SOURCE: USDA FSA Aerial Photography Field Office; County Image Mosaic for Riverside, CA (2009).

0 2 4 Miles

N

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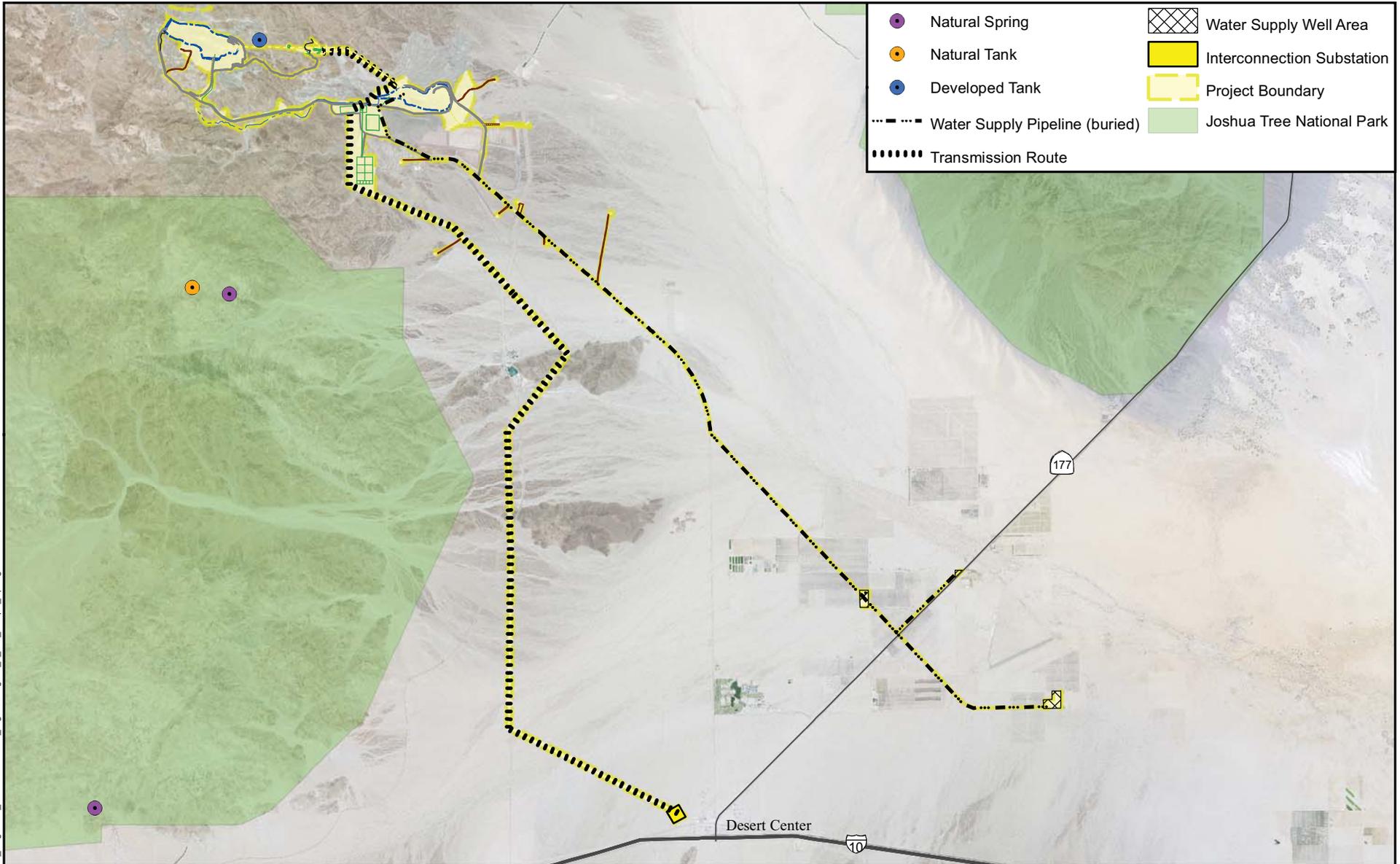


RESULTS OF SPECIAL
 BIOLOGICAL RESOURCES
 SURVEYS IN 2008 AND 2009:
 PLANTS (PAGE 2 OF 2)

June 2010

Figure 3.5-7

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- Natural Spring
- Natural Tank
- Developed Tank
- Water Supply Pipeline (buried)
- Transmission Route
- Water Supply Well Area
- Interconnection Substation
- Project Boundary
- Joshua Tree National Park

SOURCE: USDA FSA Aerial Photography Field Office: County Image Mosaic for Riverside, CA (2009).

0 2 4 Miles

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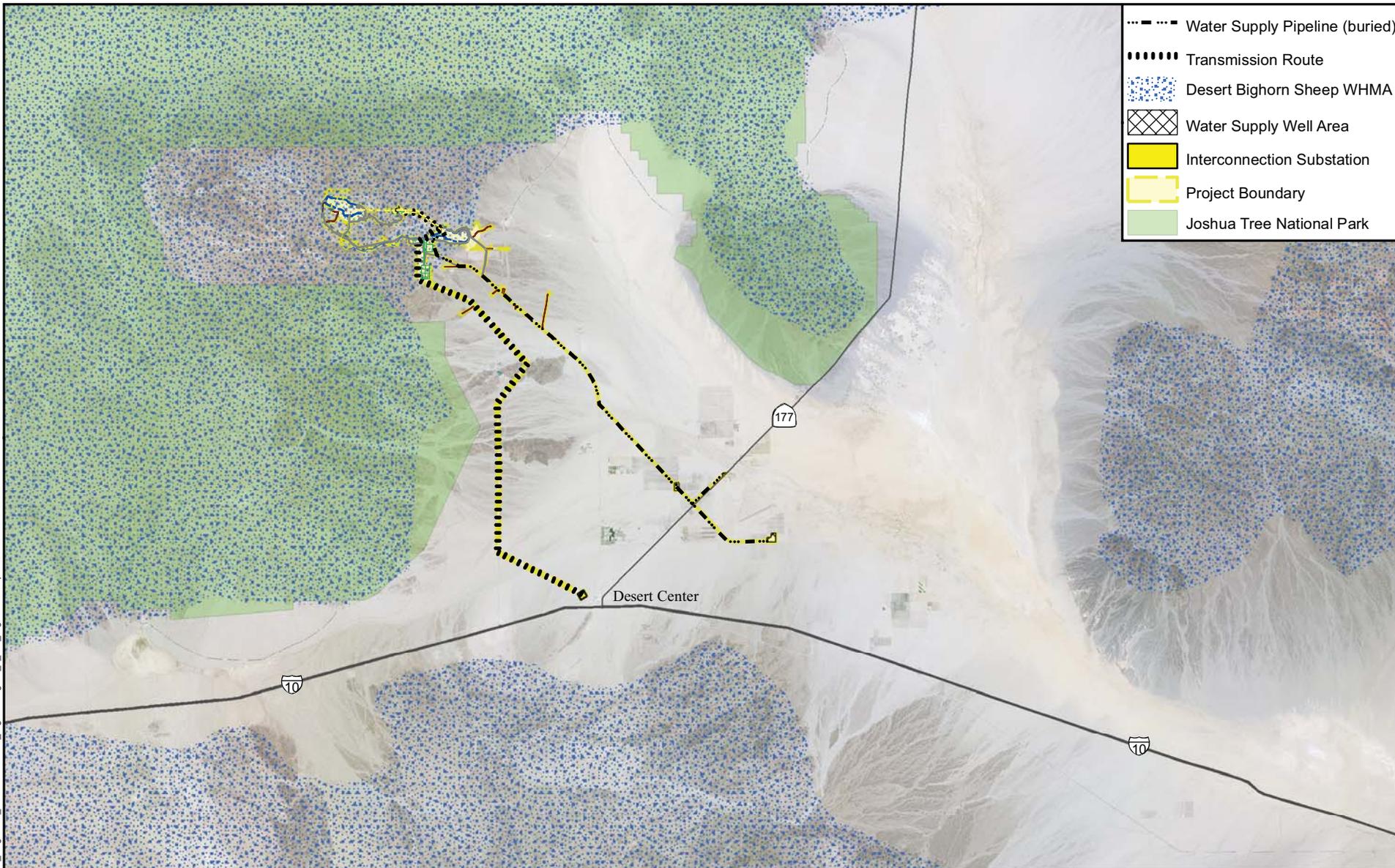


SEEPS AND SPRINGS
 NEAR THE PROJECT AREA

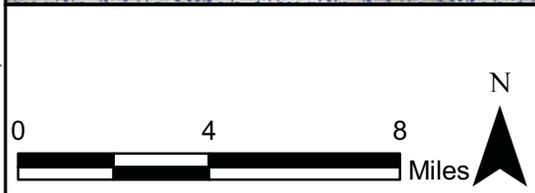
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Figure 3.5-8

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- Water Supply Pipeline (buried)
- Transmission Route
- Desert Bighorn Sheep WHMA
- Water Supply Well Area
- Interconnection Substation
- Project Boundary
- Joshua Tree National Park



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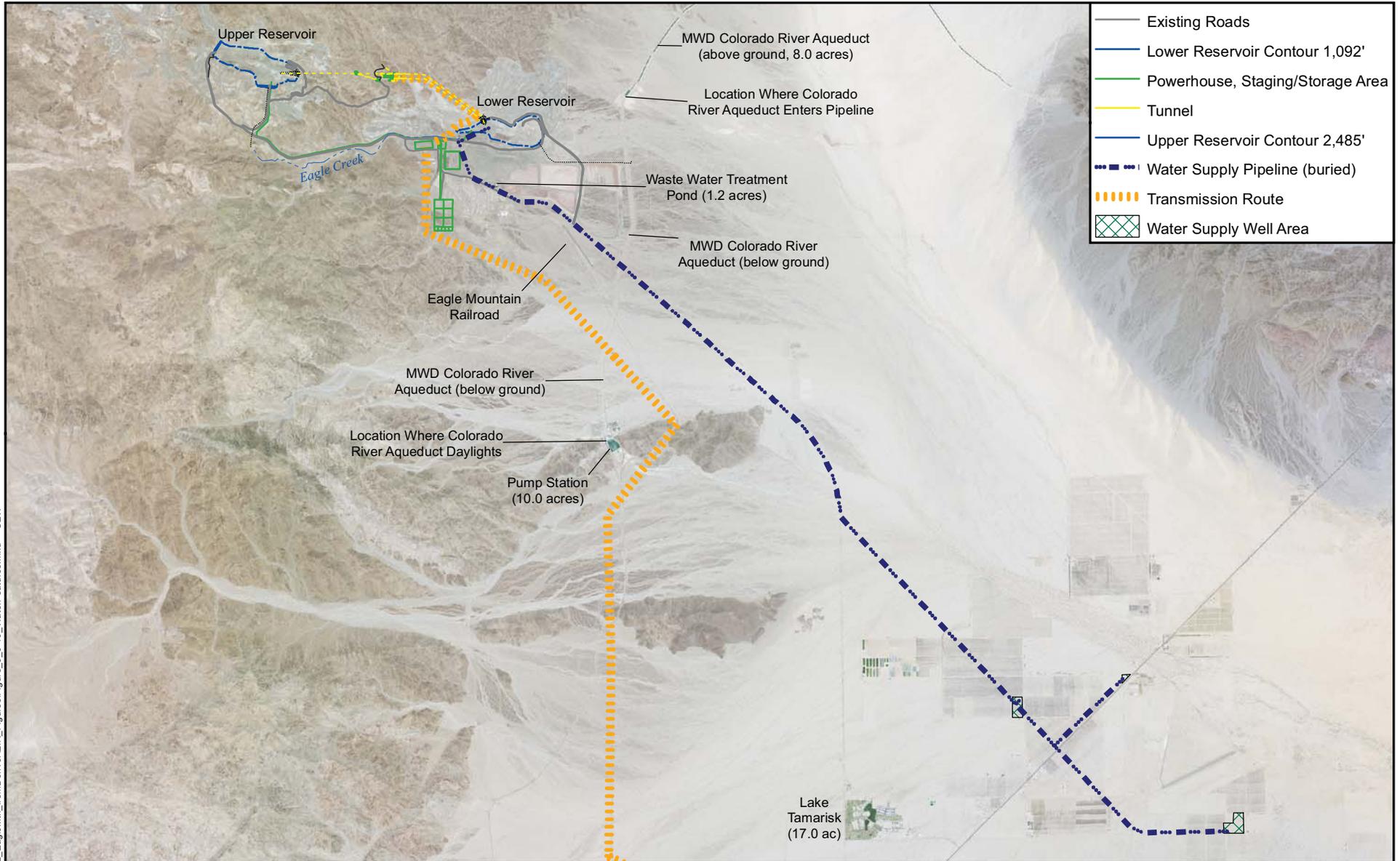
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DESERT BIGHORN SHEEP WHMA NEAR PROJECT AREA

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EXISTING SURFACE WATER
 FEATURES IN THE EAGLE MOUNTAIN
 PUMPED STORAGE PROJECT AREA

June 2010 Figure 3.5-10



Figure 3.5-11. Aerial view of Eagle Mountain Mine Site, circle shows the location of the existing water treatment pond.

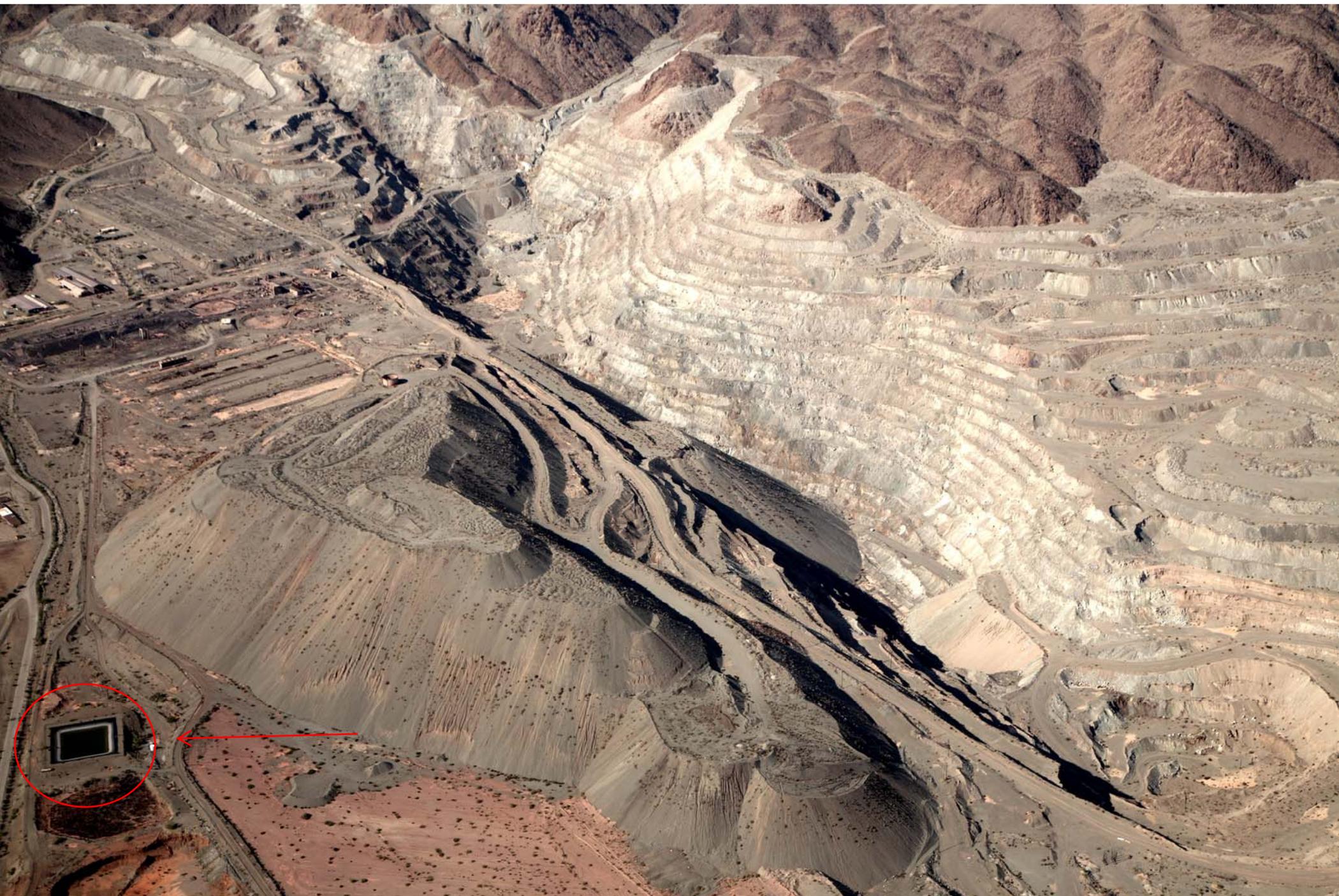


Figure 3.5-12. Aerial view of lower pit, with existing water treatment pond at lower left.



12/22/2007

Figure 3.5-13. Colorado River Aqueduct, Eagle Mountain Pumping Station.



12/22/2007

Figure 3.5-14. Colorado River Aqueduct at Eagle Mountain Pumping Station, view NW towards the Eagle Mountain Mine



04.07.2008

Figure 3.5-15. Colorado River Aqueduct, where it goes subsurface, north of the Eagle Mountain Mine.



10.24.2007

Figure 3.5-16. Aerial view of the Colorado River Aqueduct

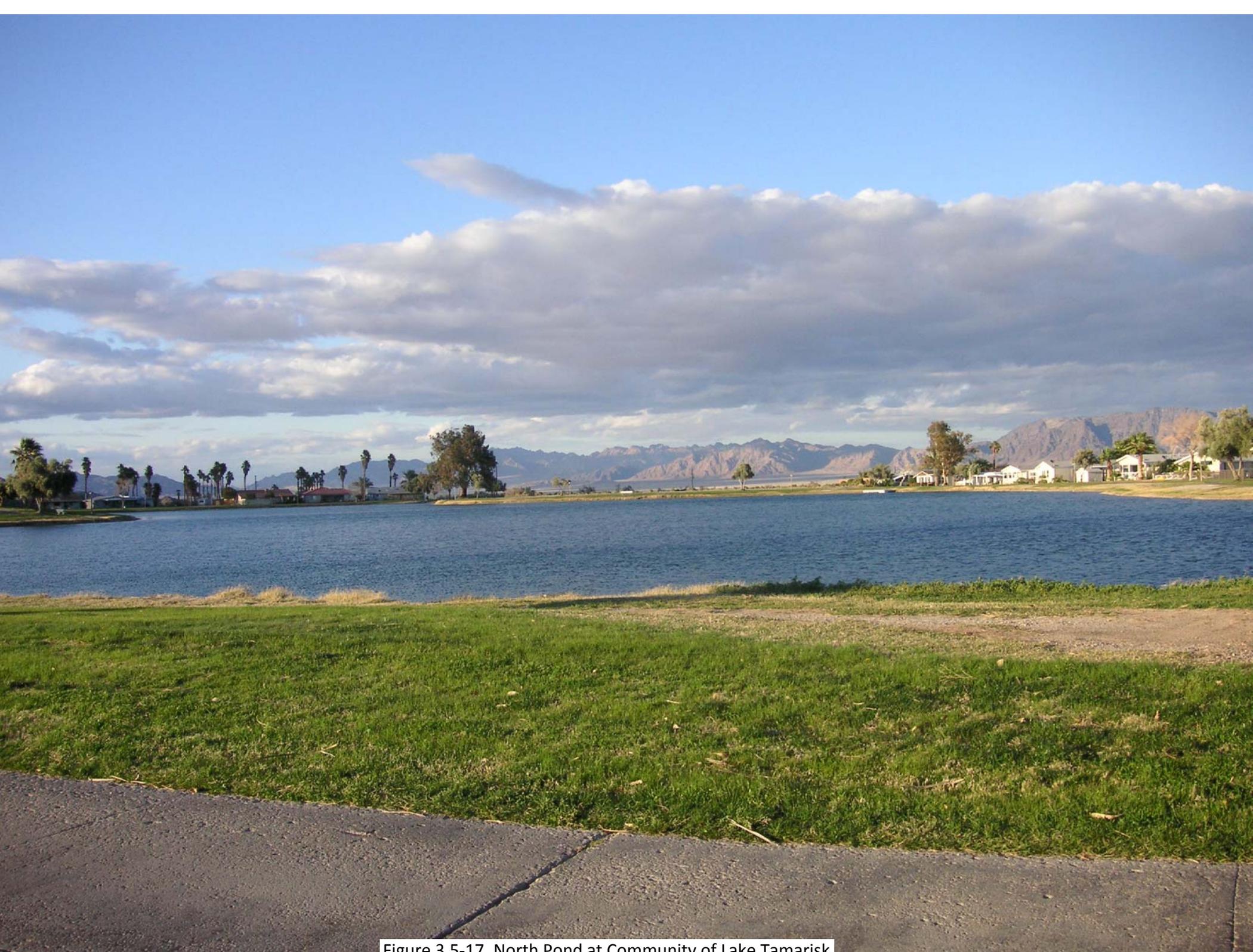
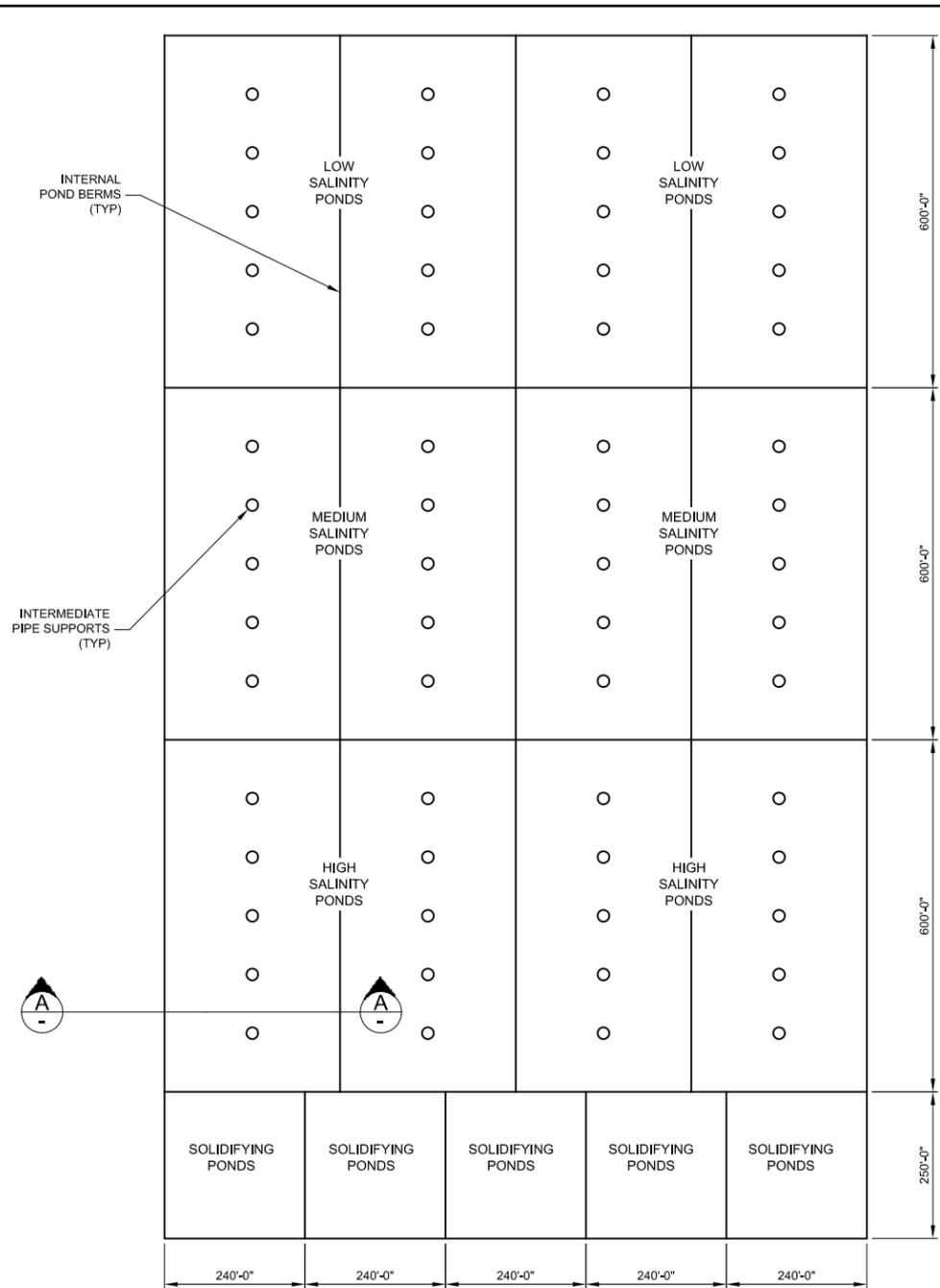


Figure 3.5-17. North Pond at Community of Lake Tamarisk

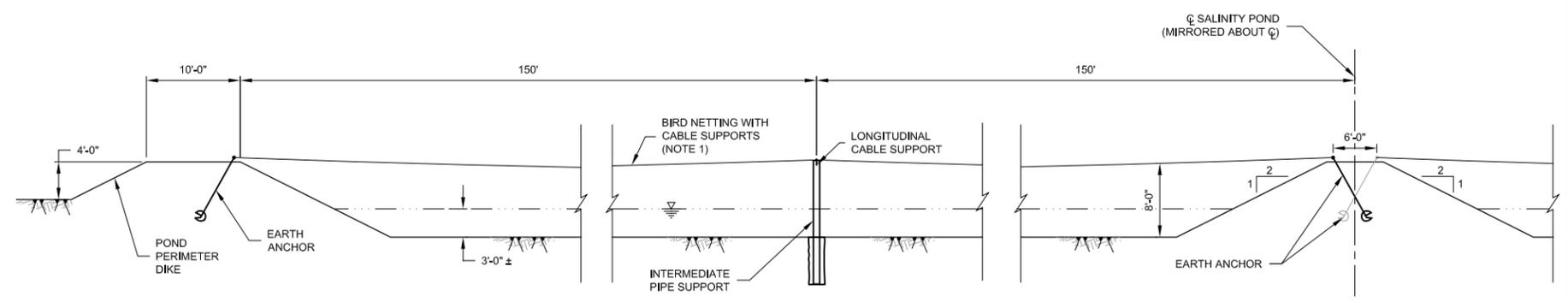


Figure 3.5-18. South pond at Community of Lake Tamarisk.

P:\080470 Eagle Mt\Evaporation Ponds\Evaporation Pond.dwg



PLAN- EVAPORATION POND



SECTION A
NOT TO SCALE



PHOTO COURTESY OF WILDLIFE CONTROL TECHNOLOGY, INC.

- NOTES:**
1. USE UV-TREATED POLYPROPYLENE SOLID-STRAND NET WITH 1-INCH OPENINGS. USE 3/16-INCH DIAMETER UV-TREATED COATED CABLE. ATTACH NETTING TO SUPPORT CABLES WITH HOG-RINGS SPACED AT 6-INCHES ON CENTER.

Legend



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RO BRINE EVAPORATION
PONDS GENERAL PLAN AND
SECTION OF BIRD NETTING

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Figure 3.5-19