

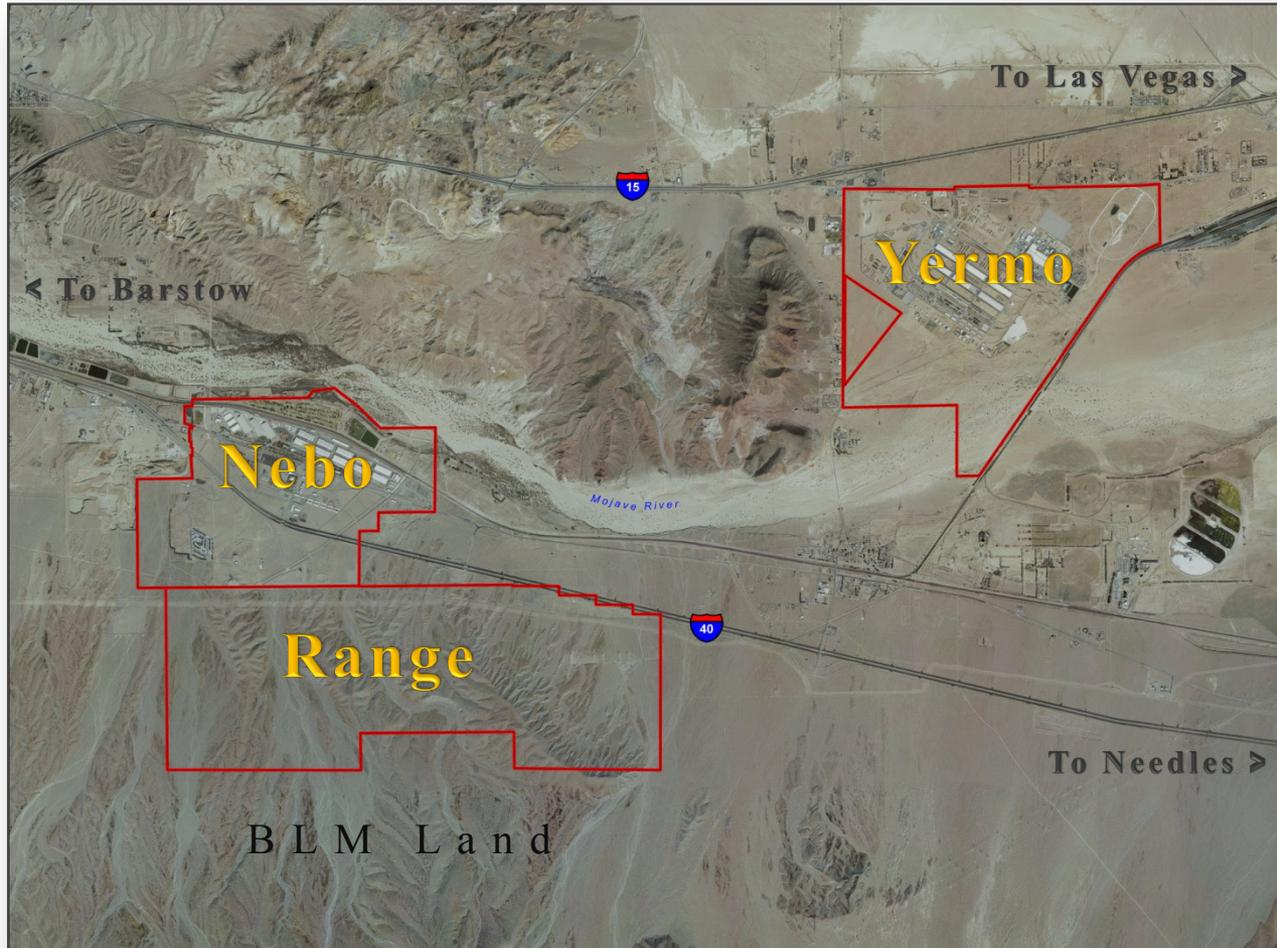
# MCLB Barstow

## Environmental Division



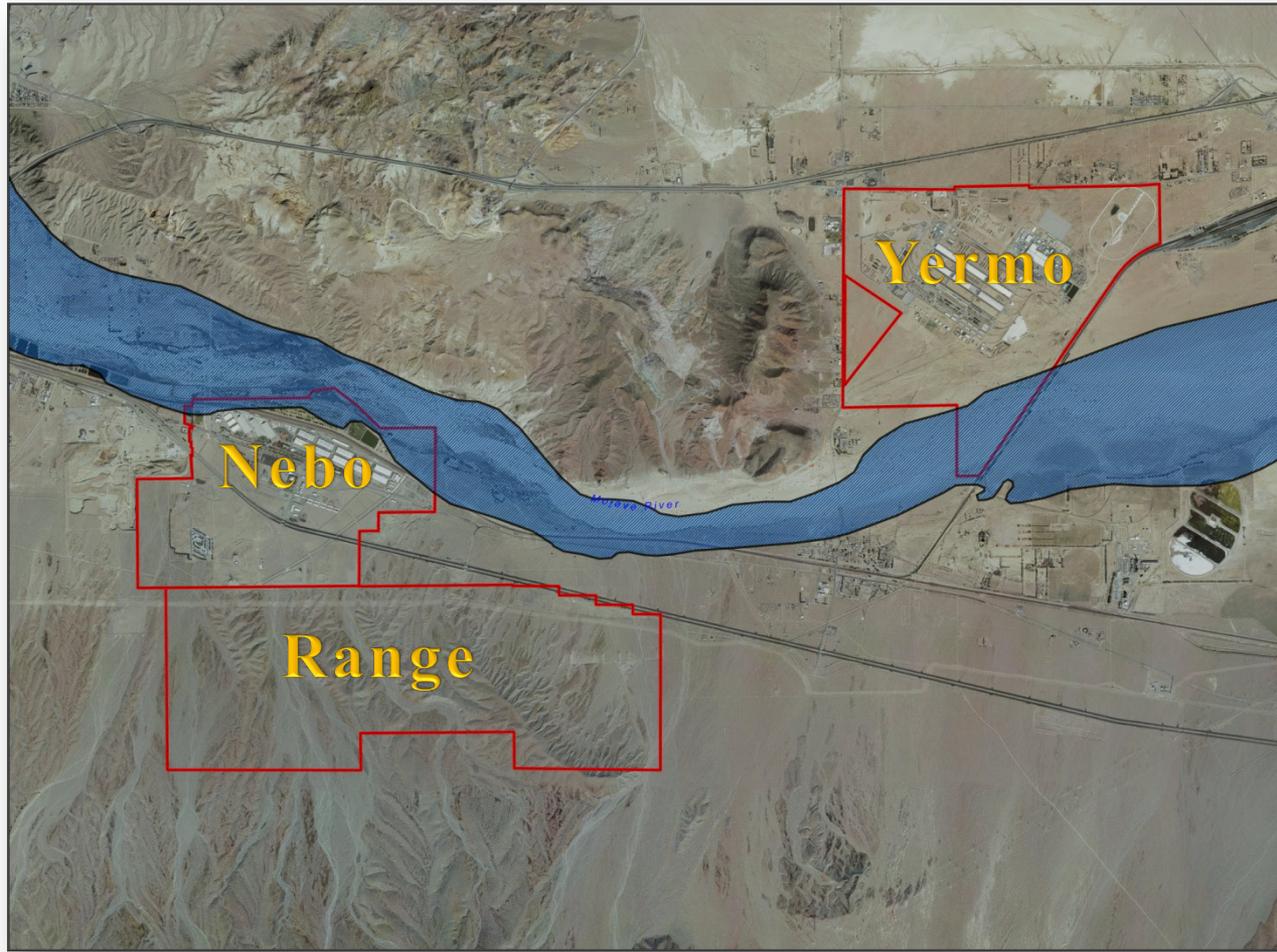


# MCLB Barstow

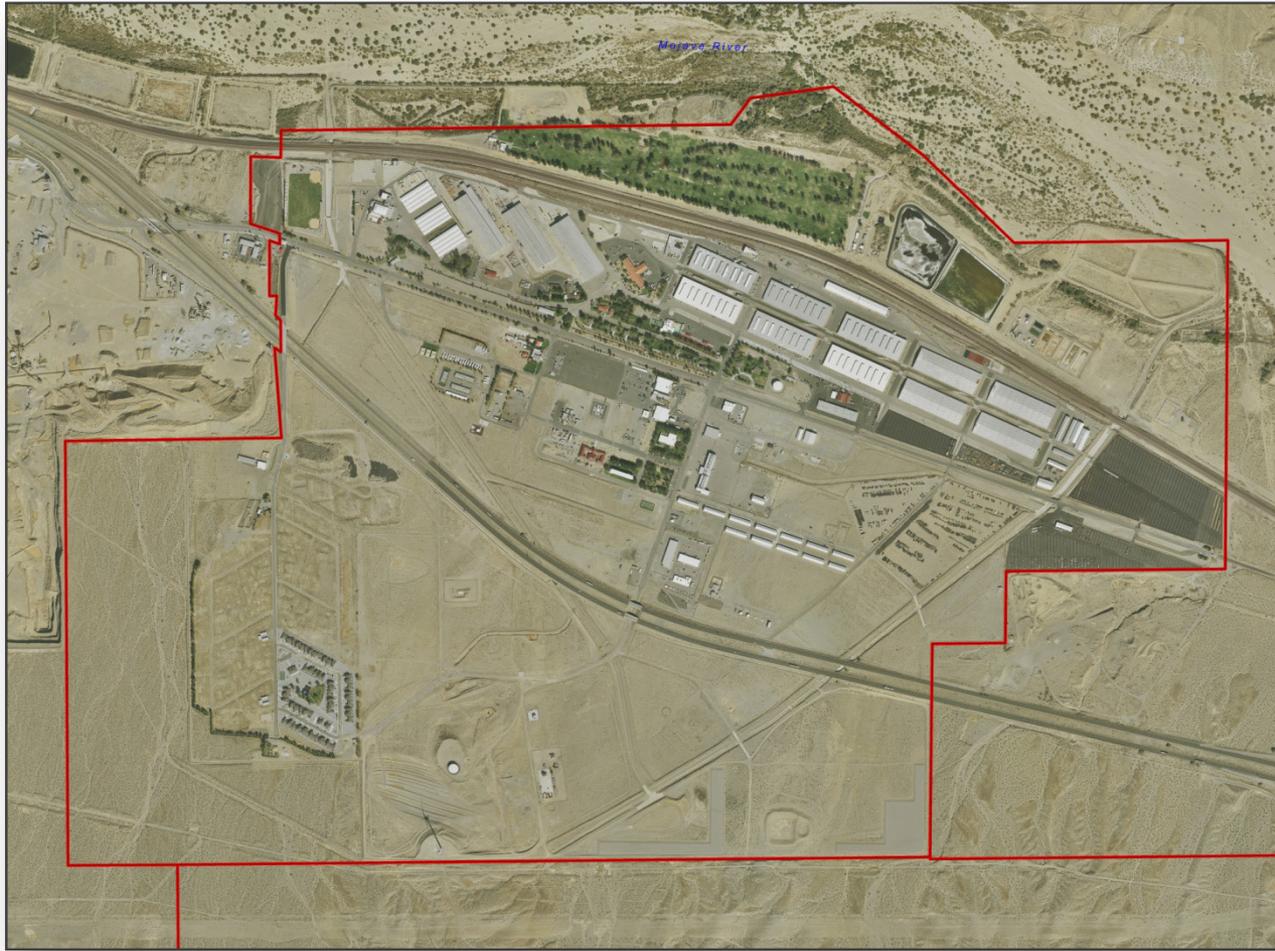




# 100 Year Floodplain

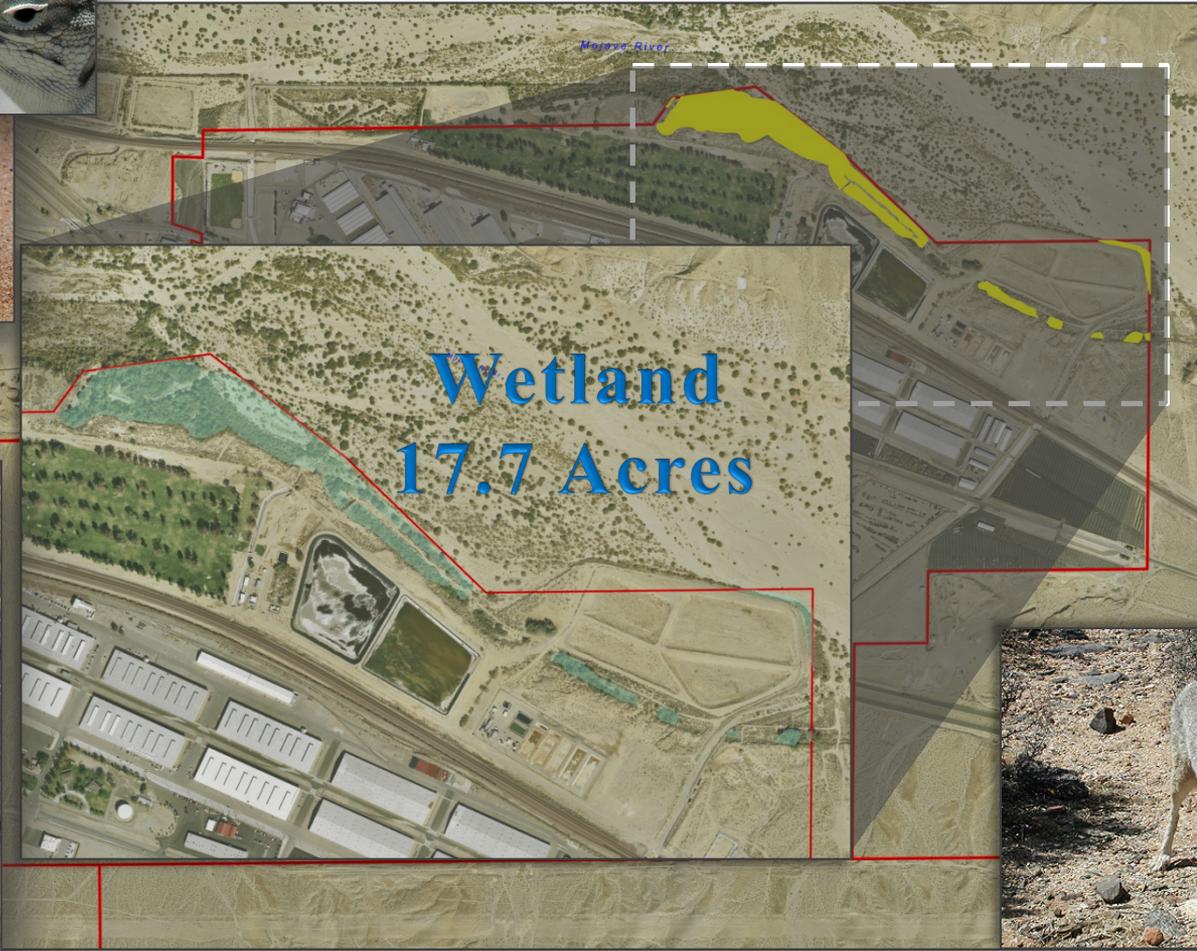
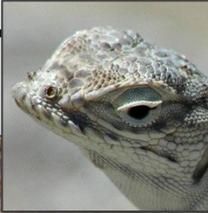


# Nebo





# Nebo Wetland

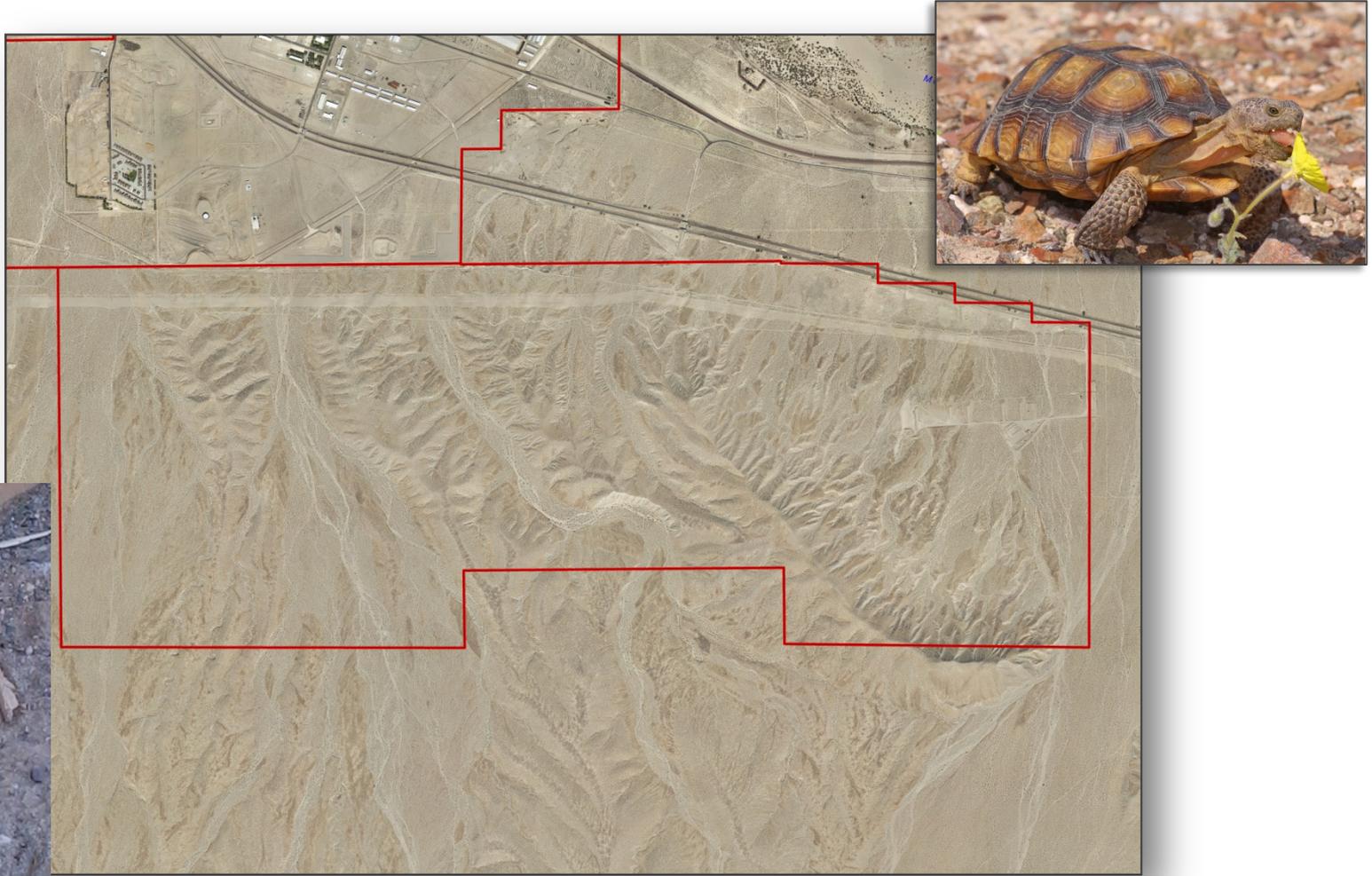


# Yermo



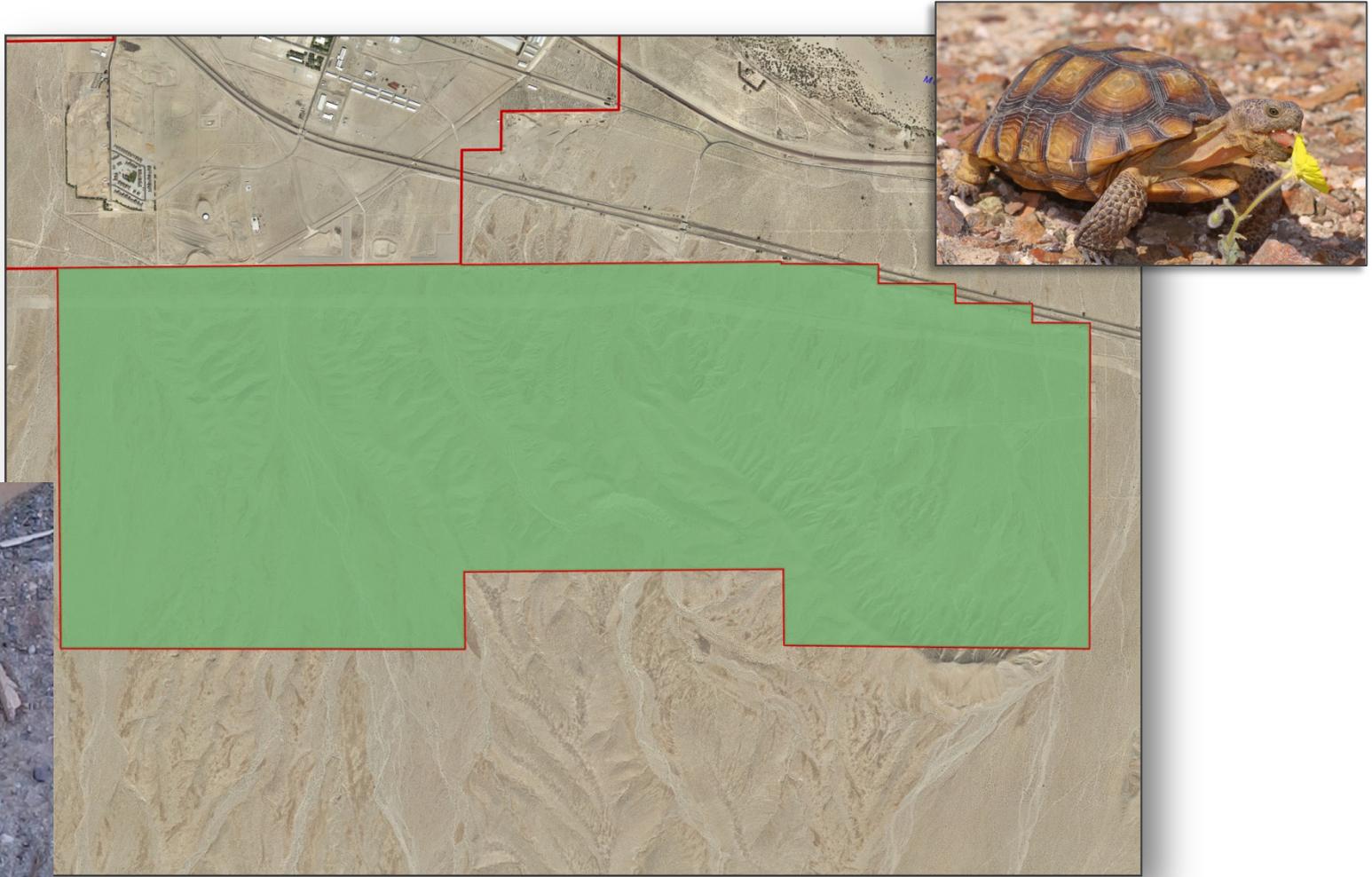


# Rifle Range



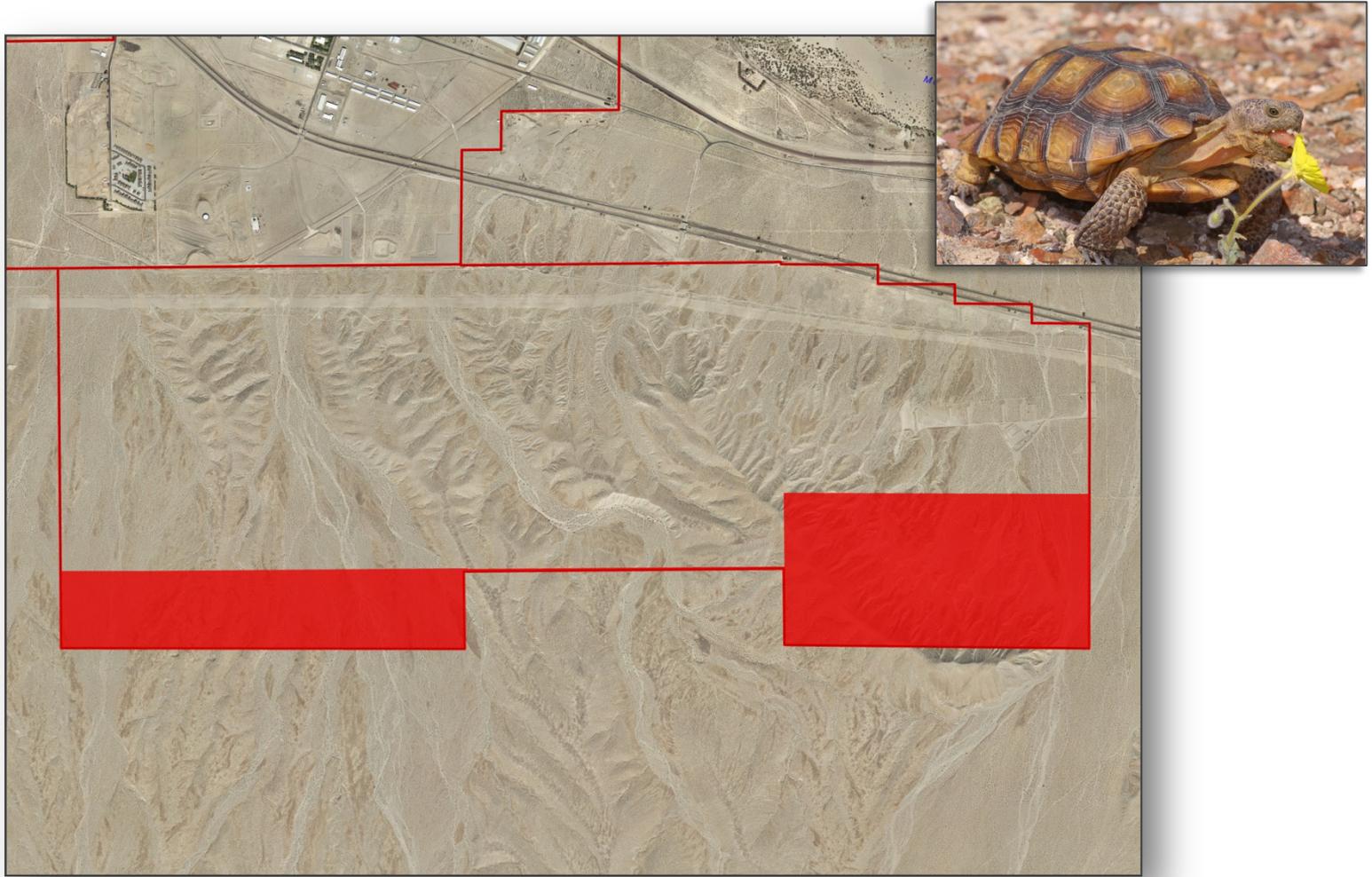


# Tortoise Presence





# Tortoise Critical Habitat





# Cultural Resources

## CULTURAL RESOURCES

MCLB BARSTOW

### Rock Art

Rattlesnake Rock is an archaeological site located on an outcrop of rocks on MCLB Barstow lands. It consists of multiple petroglyphs in the shape of circles and lines. This style is typical of Great Basin shaman vision quest sites, and it is believed that the Kawaiisu or Serrano people created and used the rock art over a long period of time.



Rattlesnake Rock is listed as California Point of Historical Interest #40, and is also considered very important to American Indian groups of the area. To protect the petroglyphs from vandalism, MCLB Barstow erected a chain-link fence in the 1980s.

Rock art commonly occurs in three forms:

- Petroglyphs are patterns pecked into a rock surface.
- Pictographs are patterns painted onto the rock surface.
- Rock Alignments are arrangements of rocks that form figures on flat ground.



### Spanish Trail

The historic trail that runs parallel to the Mojave River is an important part of our history, and has been referred to as the Old Spanish Trail, the Mojave Trail, and the Mormon Trail. It was a common route used by trappers and settlers on their way to the Pacific Coast. Portions of this trail are eligible for the California Register of Historic Places.



Cultural resources are any prehistoric or historic district, site, building, structure, place or object considered important to a culture or community for traditional, religious or cultural reasons. Preserving and studying cultural resources helps us understand our own histories and the history of our nation, as well as offering educational and recreational opportunities for our families to enjoy. There are many unique and interesting cultural resources located on MCLB Barstow managed lands.

### Artifacts

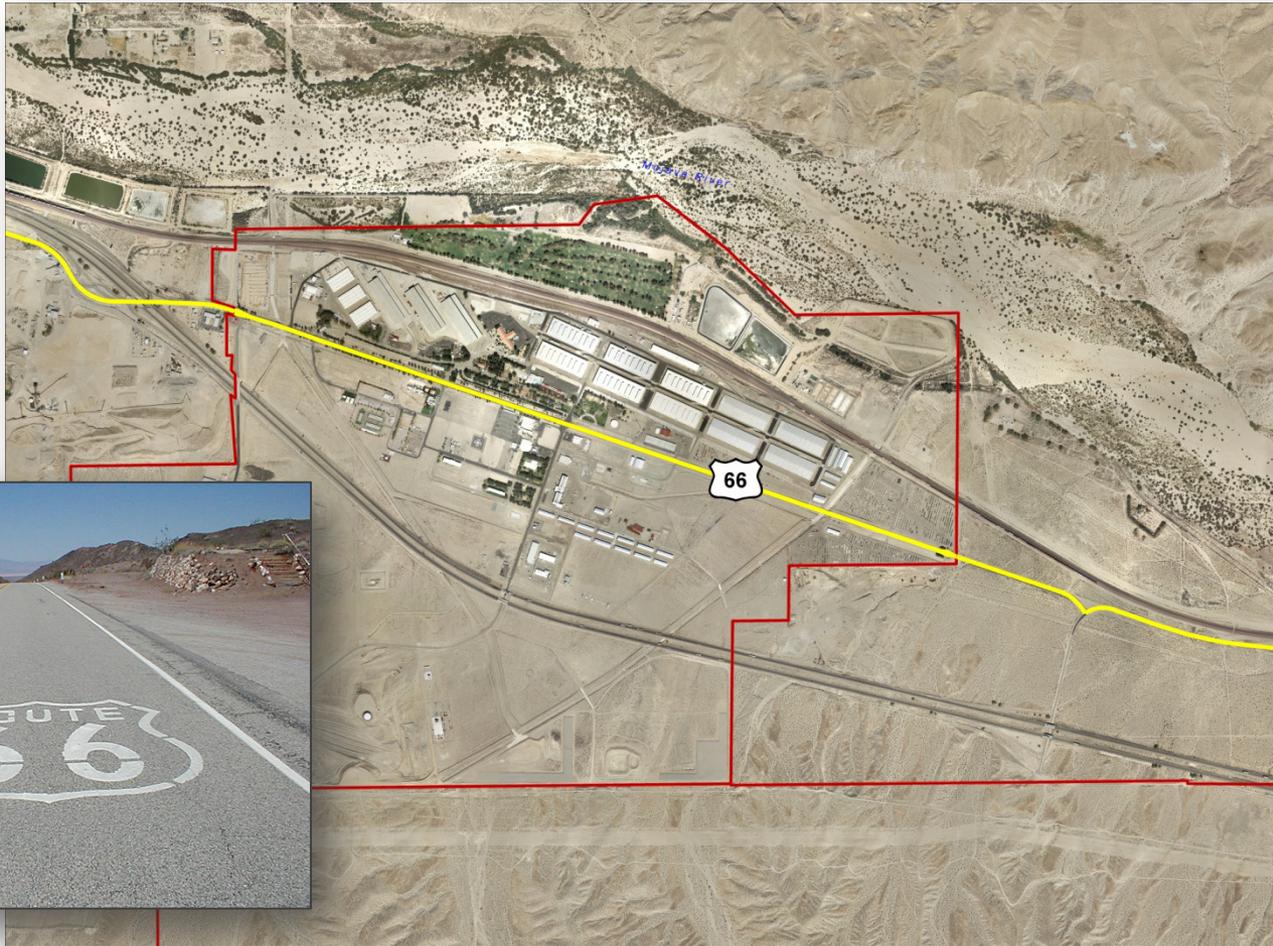
Artifacts are human-made objects. Archaeologists use artifacts as a key to the past. They give us information about who made and used the artifact, and can even help us understand past environments and cultures. Examples of artifacts include projectile points, pottery, jewelry, and any object that shows signs of human modification.



Three oval rock alignments constitute one of the archaeological sites at MCLB Barstow. They are believed to be sleeping circles, and are formed by a single layer of small, locally gathered rocks.



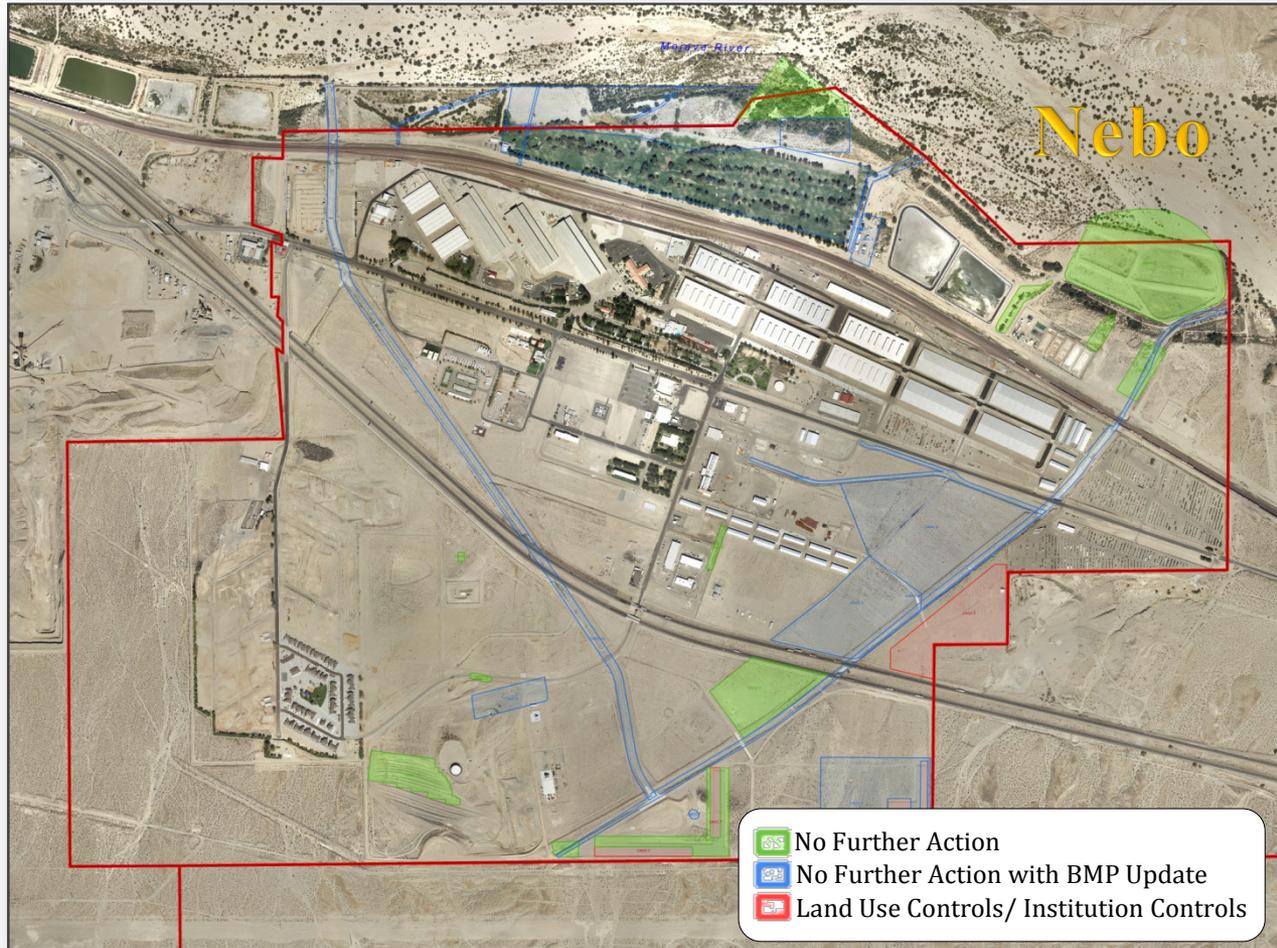
# Cultural Resources





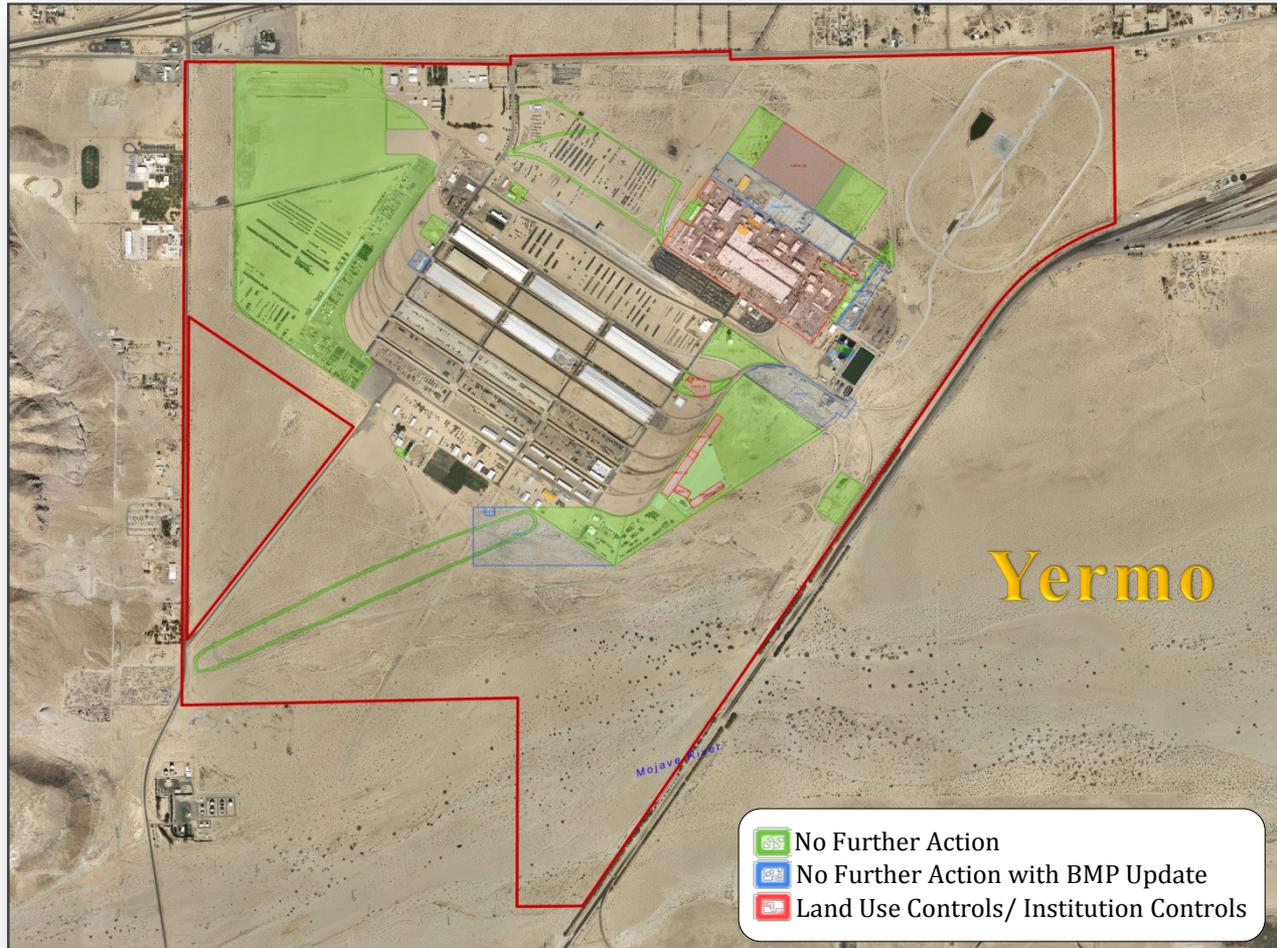


# Installation Restoration



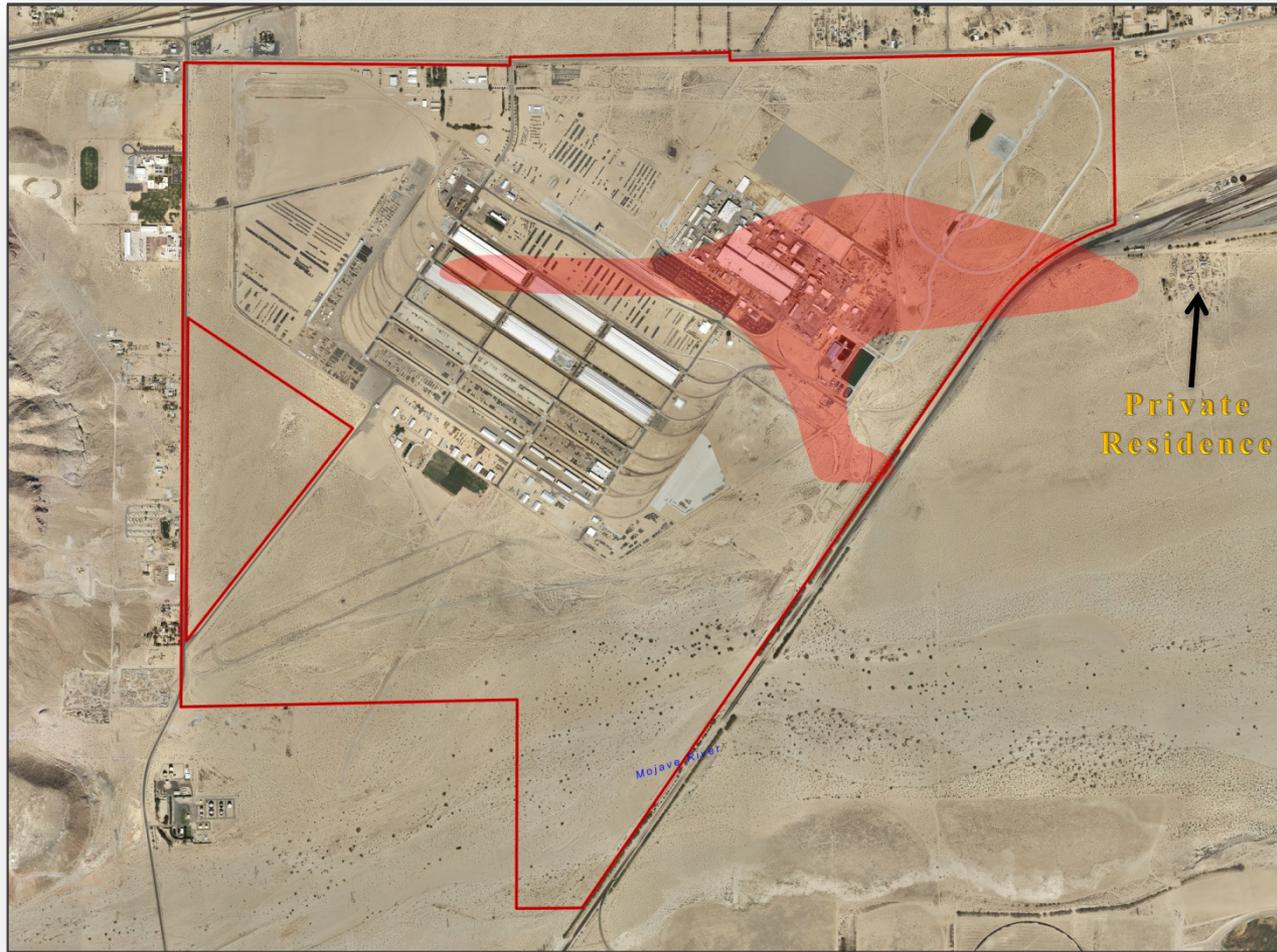


# Installation Restoration





# Installation Restoration



# MCLB ENERGY INITIATIVES

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- MCLB Barstow supports energy conservation measures, wise stewardship of resources, and implementation of renewable energy initiatives.
- We are utilizing renewable energy resources (wind and solar)
- We will meet or exceed EO 13514 mandates

# Energy Conservation Measures

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- Lighting and motor upgrades
- Solar Street Lighting
- LEED Silver on new facilities
- Energy Star on all appliances
- Energy Manager
- All fluorescents and LED's
- Vending misers
- Bldg 15 “green” project (Xeriscaping)
- Decommission Heat Plant
- AMI (Advanced Metering Initiative – “smart meters”)

# Wind Turbine Generator (WTG)

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# MCLB-B Solar Farms

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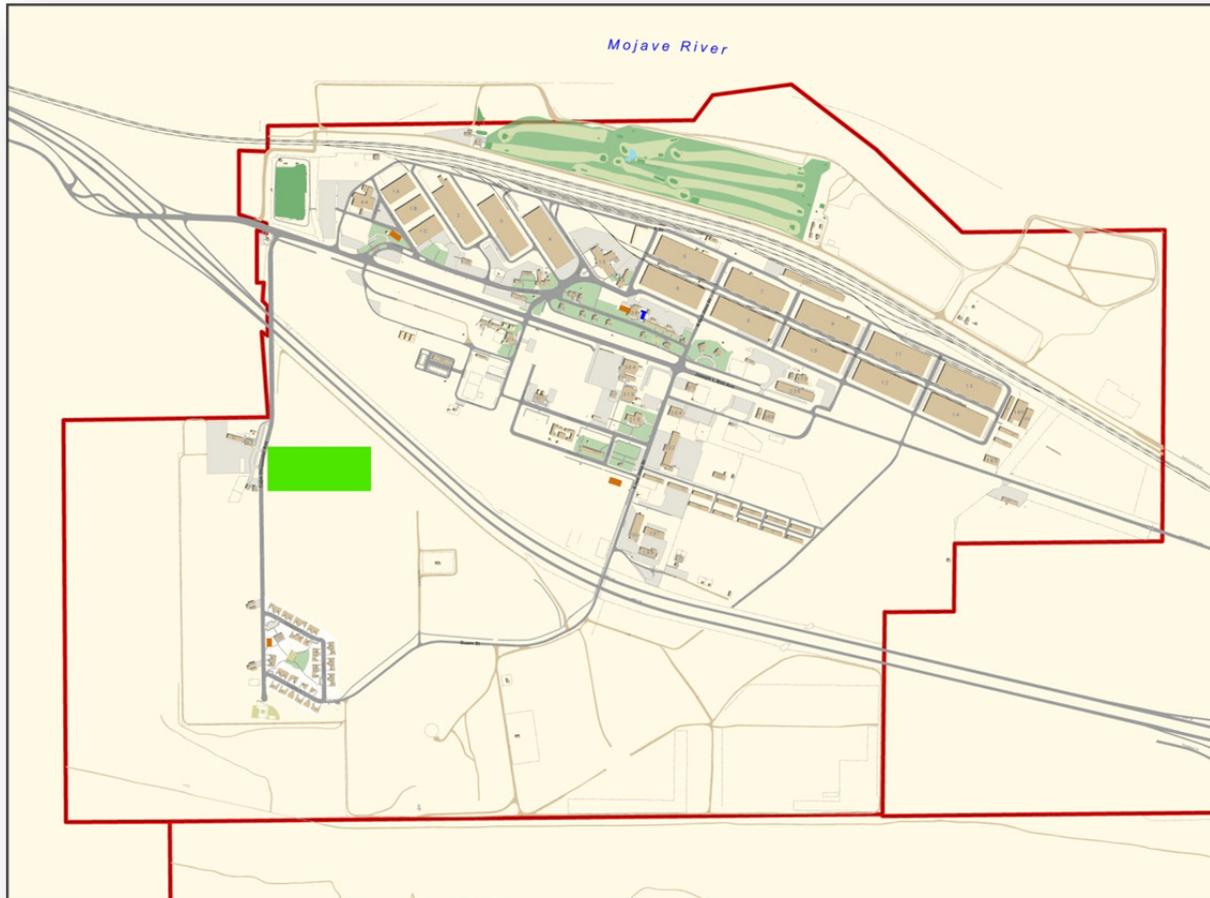
## ➤ Two sites chosen ~1.16MW

- Nebo – 10 acres ~386kW
- Yermo – 20 acres ~772kW



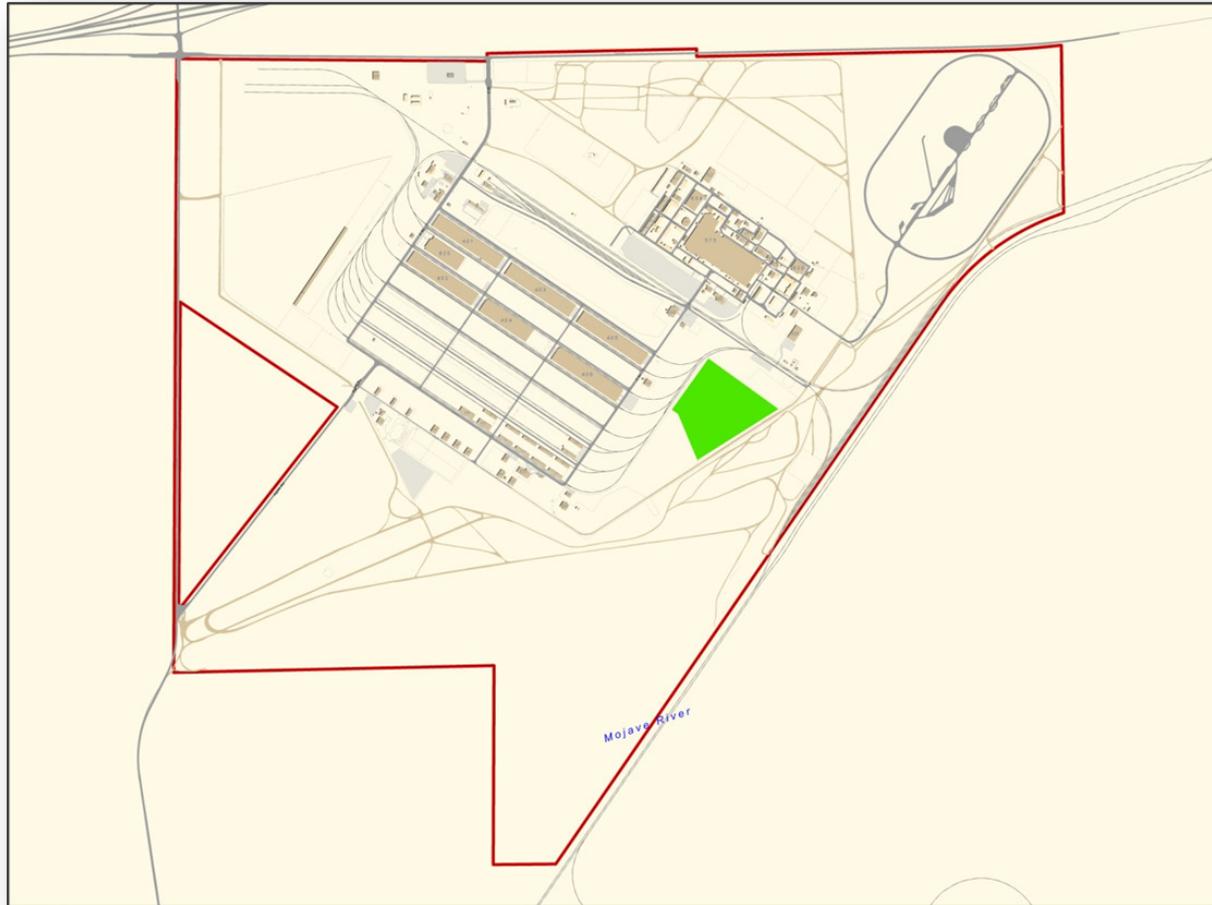
# NEBO - Solar Farm

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# YERMO ANNEX- Solar Farm

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# QUESTIONS?

