



RIPARIAN RESERVES

CARYN WRIGHT AND SCOTT CAMBRIN,
AUGUST 2023



MOJAVEMAX.COM



desert conservation
PROGRAM

OVERVIEW

PROPERTY ACQUISITION MANAGEMENT RESTORATION



PROPERTY ACQUISITION

Incidental Take Permit, Condition K

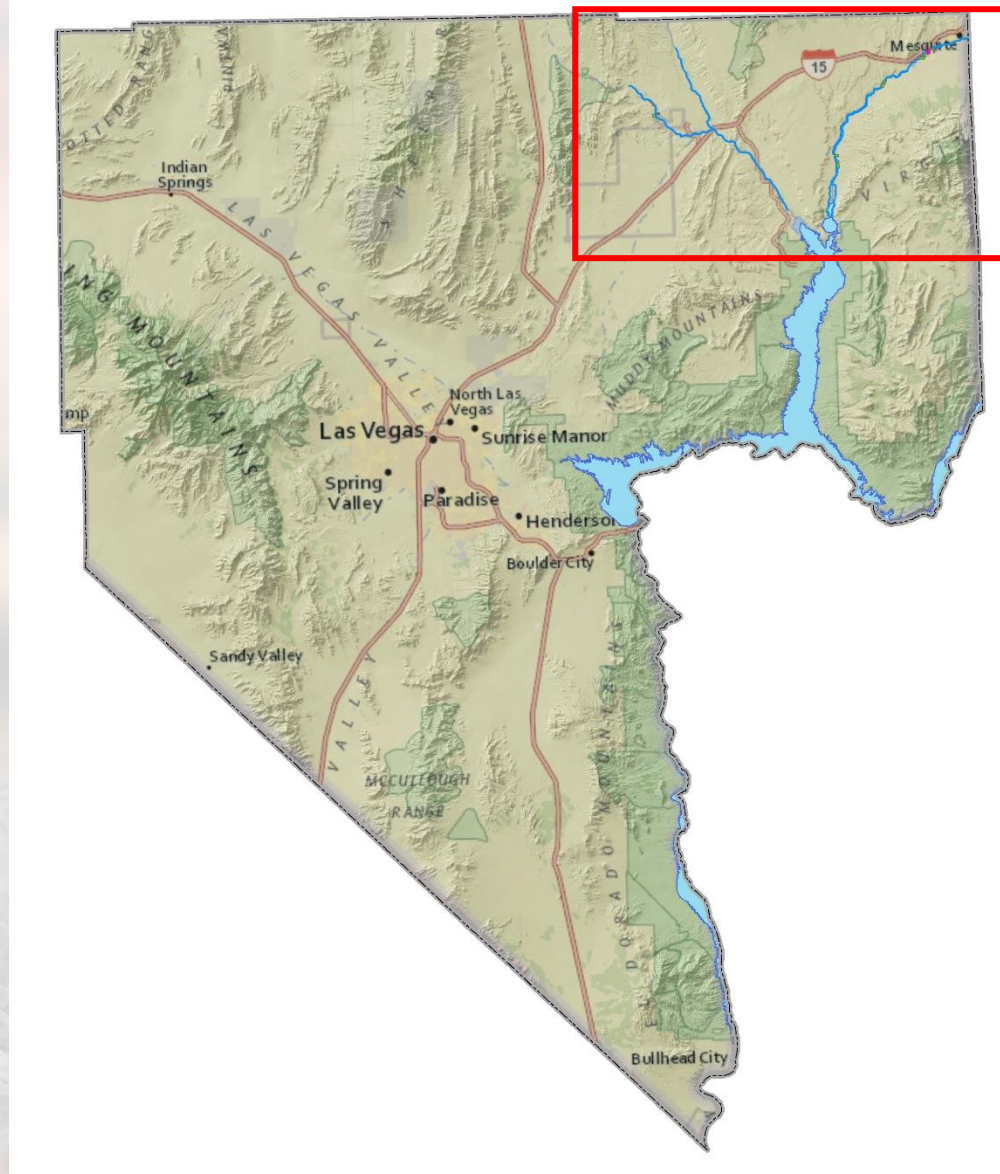
- Requires DCP acquire private lands in desert riparian habitats along the Muddy and Virgin rivers (and Meadow Valley Wash) to conserve habitat for riparian birds covered by the MSHCP.

Southwestern Willow Flycatcher
Yellow-billed Cuckoo
Arizona Bell's Vireo

Vermilion Flycatcher
Summer Tanager
Blue Grosbeak



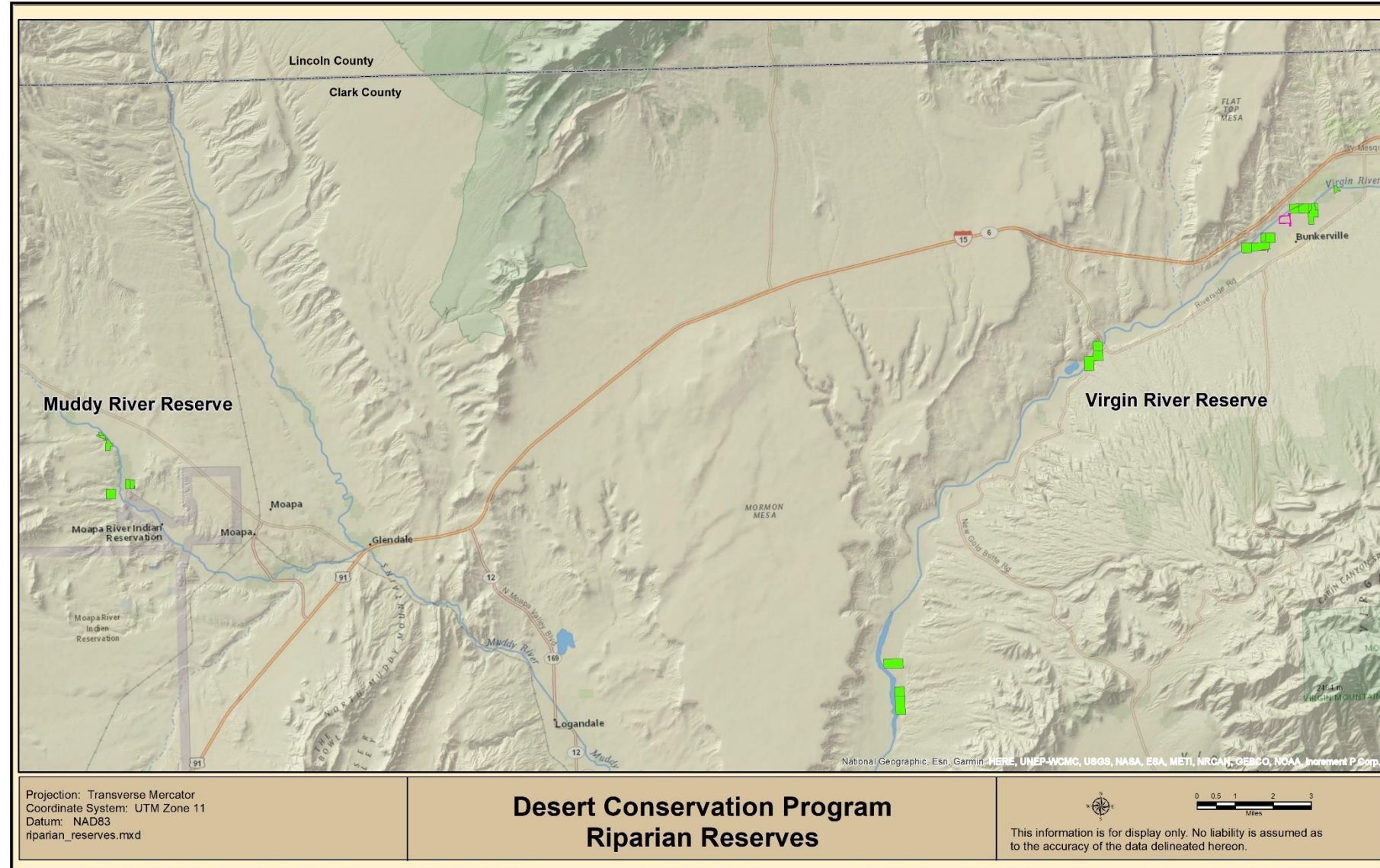
RIPARIAN RESERVES



RIPARIAN RESERVES



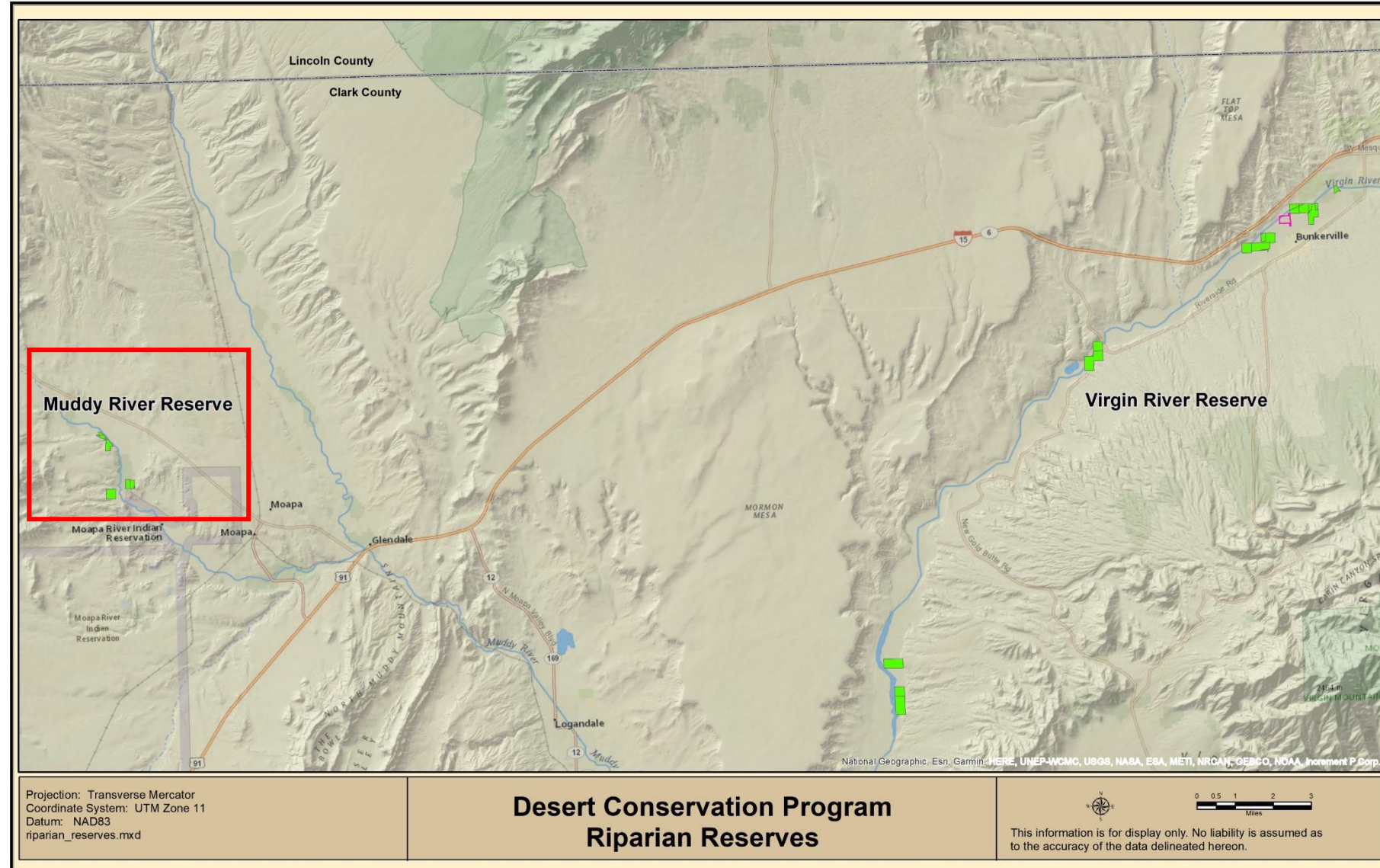
Overview of
DCP properties
along the
Muddy and
Virgin Rivers



RIPARIAN RESERVES



Muddy River Reserve - comprised of 9 parcels totaling 116 acres along the Muddy River.

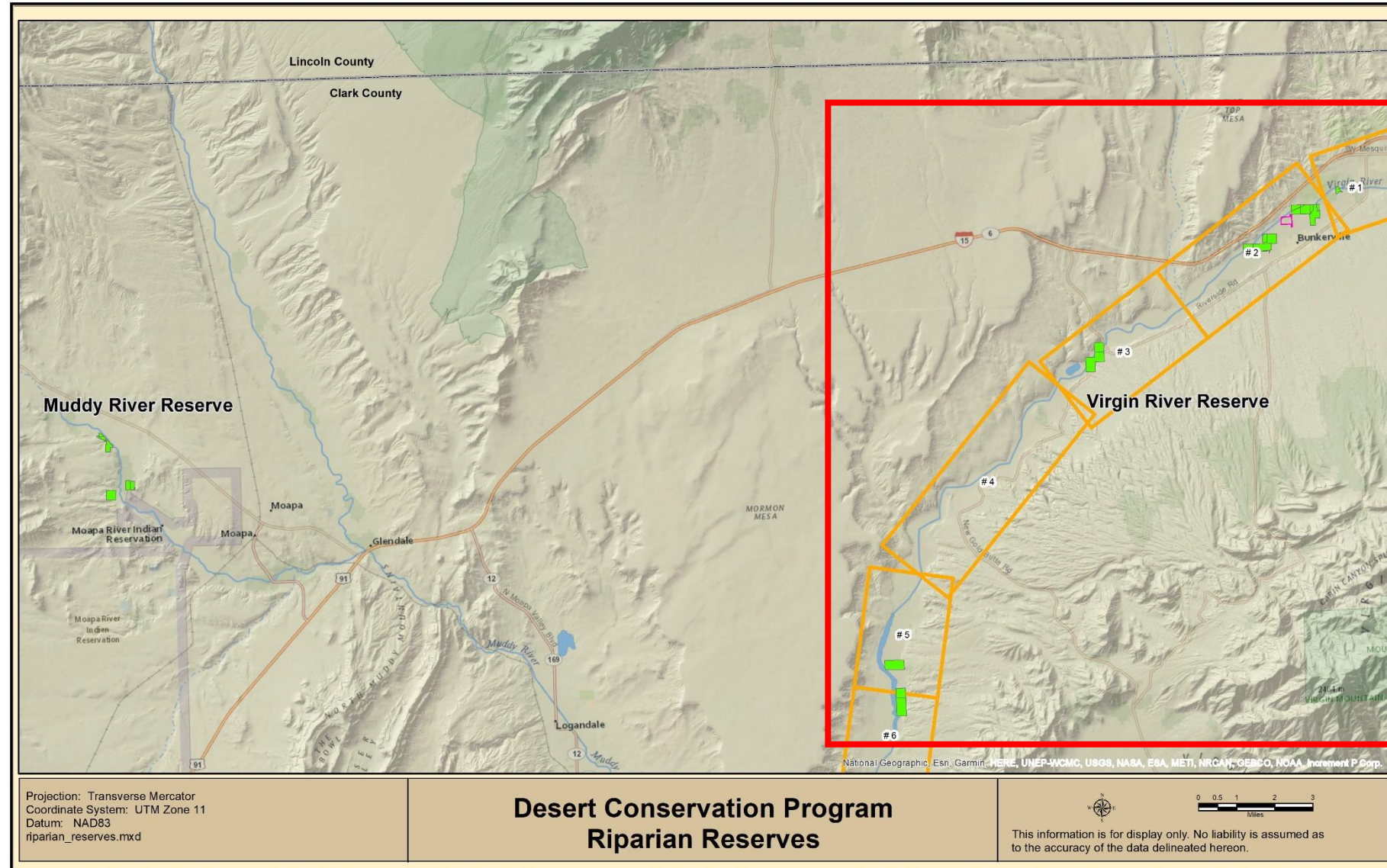


RIPARIAN RESERVES

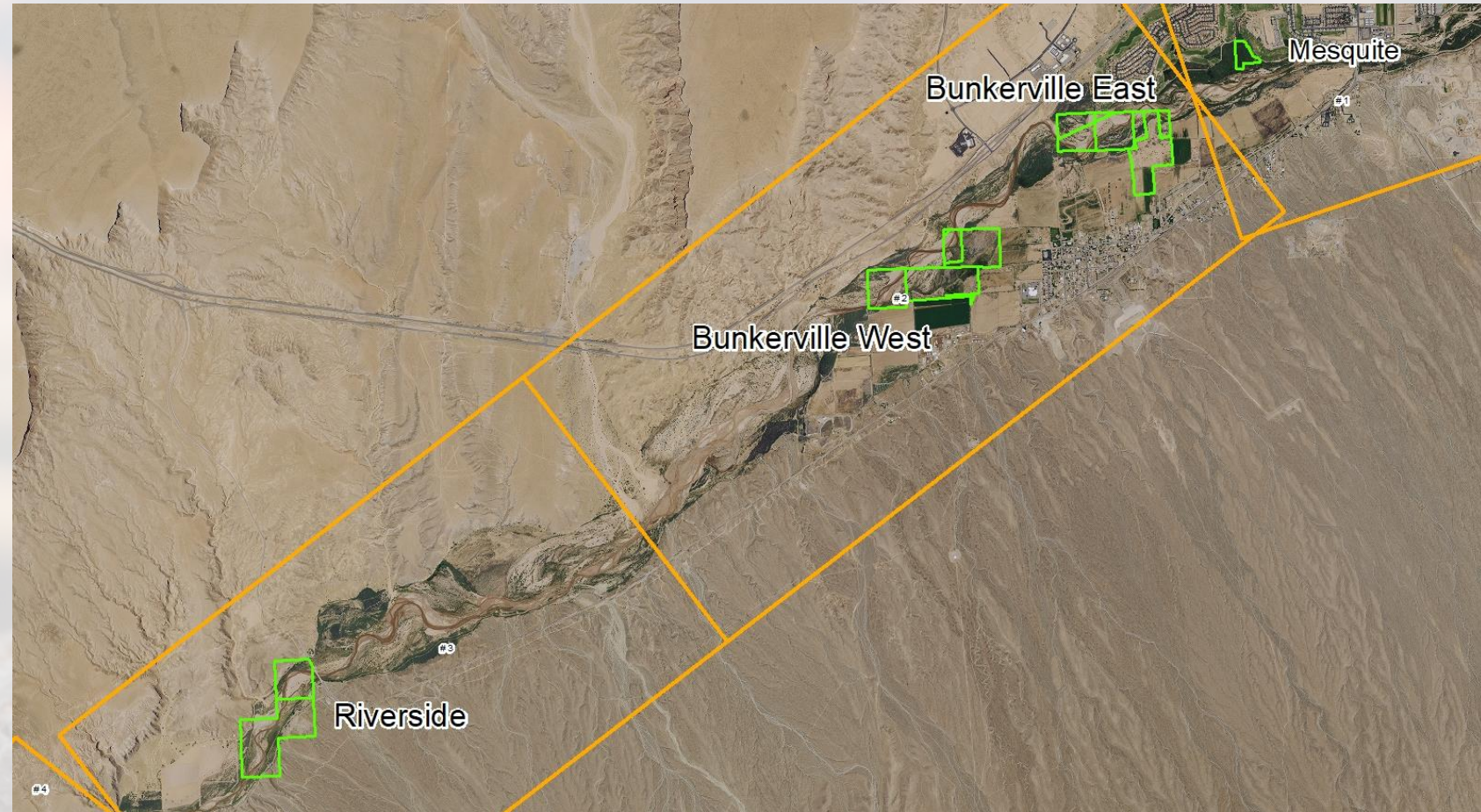
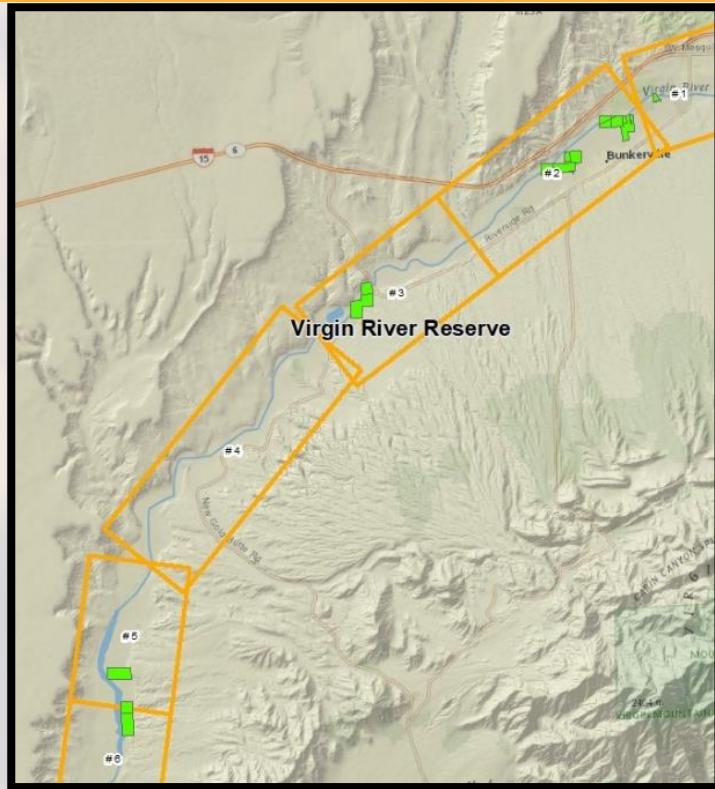


Virgin River Reserve - total of 665 acres.

~500 acres have been added to the Virgin River Reserve since 2018.

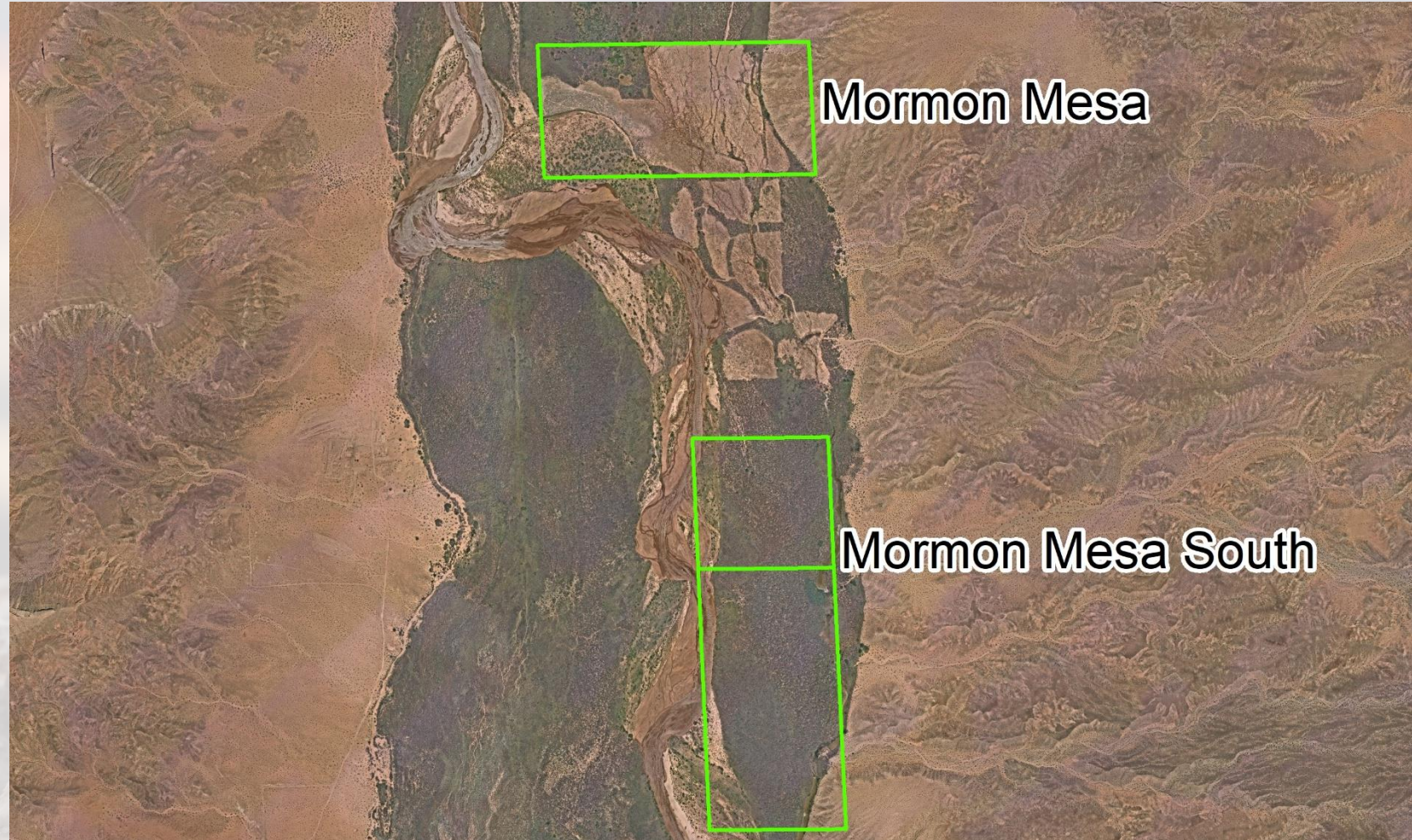
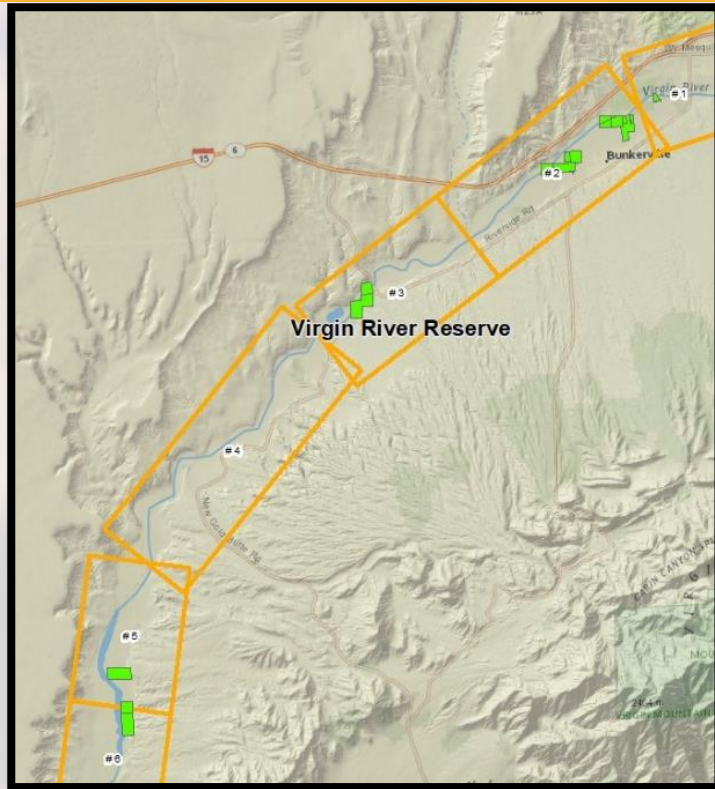


RIPARIAN RESERVES



Adjacent parcels are aggregated for management actions:
Bunkerville East, Bunkerville West, Riverside

RIPARIAN RESERVES



Recent acquisition of 120 acres to Mormon Mesa.

OVERVIEW

PROPERTY ACQUISITION MANAGEMENT RESTORATION



OVERVIEW - MANAGEMENT

DCP is responsible for planning and implementing management actions for the long-term maintenance of the reserves for the benefit of species covered by the MSHCP.

- Oversee contactors who implement management activities, such as, weed control, fuel management, and site maintenance.



© Brian E. Small



© Brian E. Small



OVERVIEW - MANAGEMENT



- Coordination/collaboration with neighboring landowners (public and private).
- Coordination/collaboration with federal, state, and/or local agencies.



© Brian E. Small



© Brian E. Small



MANAGEMENT - VEGETATION



- DCP maintains an agreement with the National Park Service Invasive Plant Management Team
- Conduct regular surveys and treatments on DCP properties:
- Priorities are Tamarisk resprout treatments, Camelthorn, and tall whitetop



MANAGEMENT - MISC

- DCP maintains a contract with a local company for miscellaneous maintenance items, including access road repair, vegetation clearing, fence/gate repair, debris removal, etc.



OVERVIEW

PROPERTY ACQUISITION MANAGEMENT RESTORATION

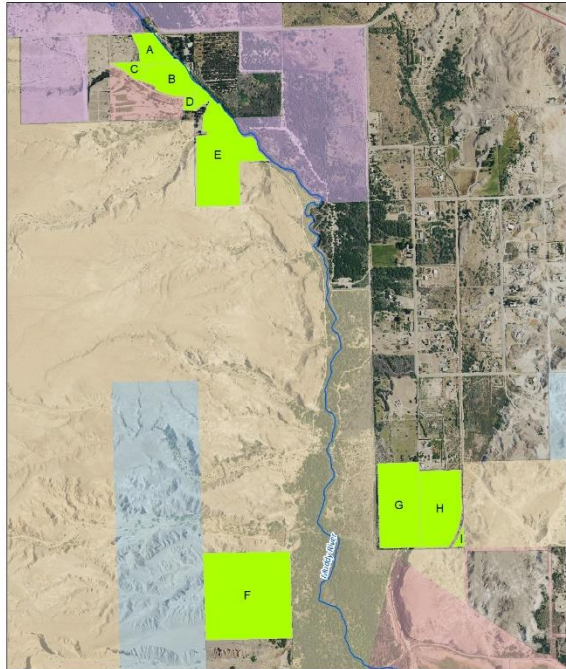


OVERVIEW - RESTORATION

Restoration - design, management, implementation, and monitoring of restoration projects to create and/or enhance riparian habitat for the covered bird species.

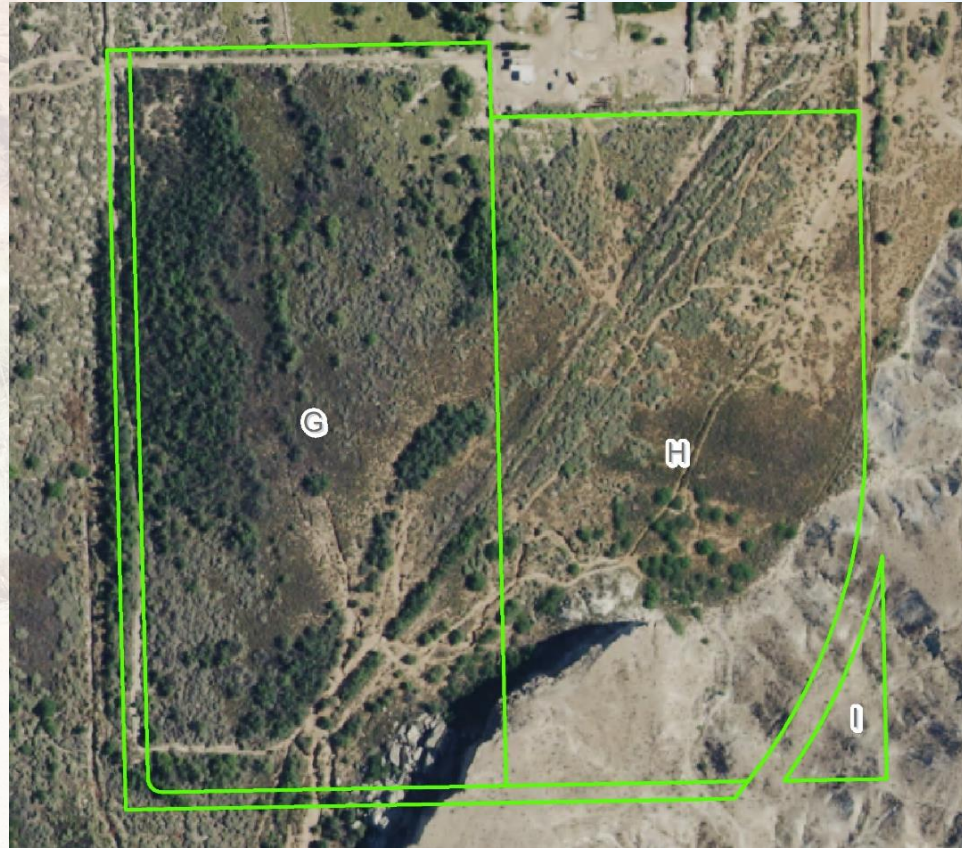
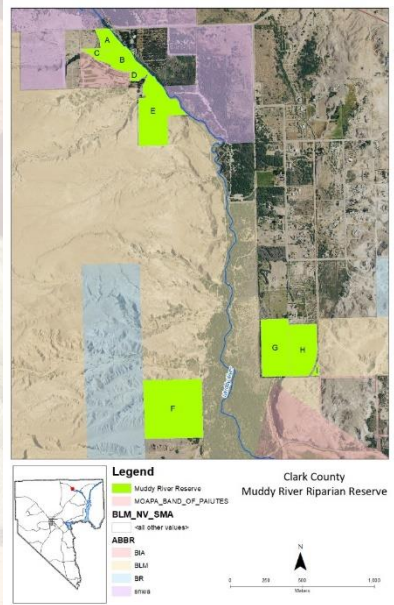


RESTORATION – MUDDY RIVER

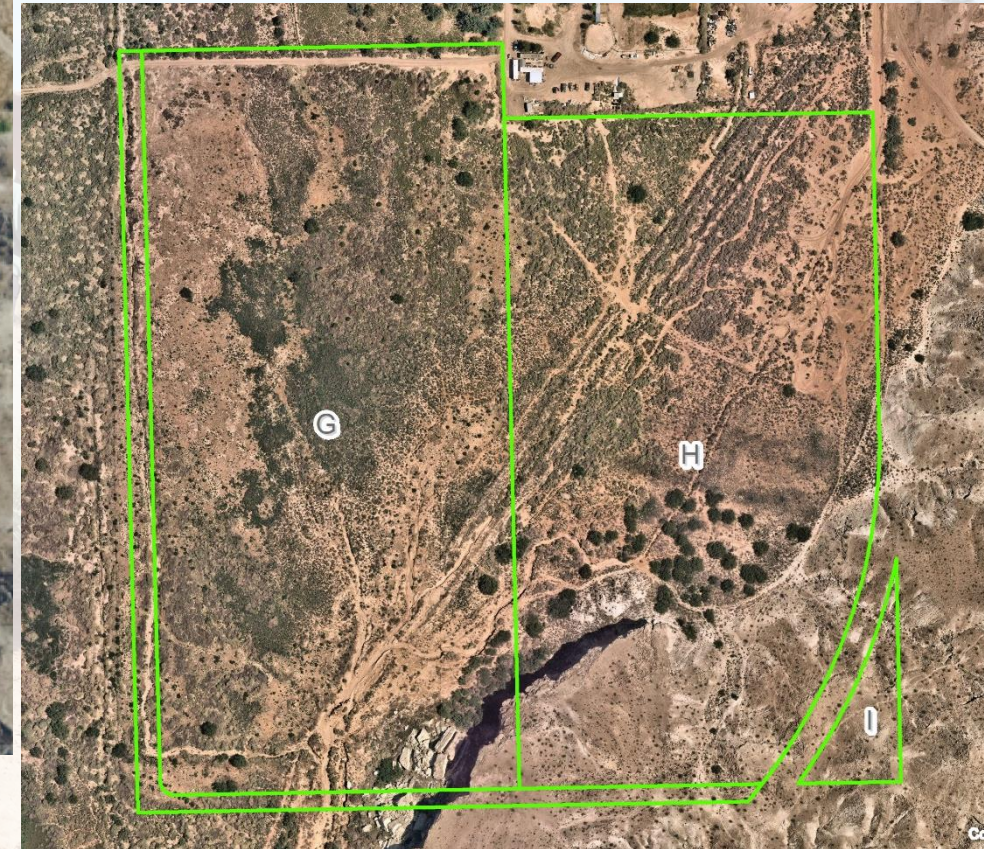


In winter of 2022, we contracted American Conservation Experience to treat approximately 11 acres of mature tamarisk on Parcels G and H.

RESTORATION – MUDDY RIVER



Pre-treatment 2019



Post-treatment 2022

BLM Fuels team followed up with some mastication of slash piles within County parcels and adjacent BLM lands.

RESTORATION – MUDDY RIVER



FUTURE

- Experiment implementation to test Herbivore Deterrent to use in restoration projects and/or in lieu of perimeter fencing.
- Collaborating with USFWS and other agencies/stakeholders to evaluate Screwbean Mesquite tree health in the region and explore mitigation options.
- Continued monitoring of restoration sites for invasive weeds.



MOJAVEMAX.COM



desert conservation
PROGRAM

Thank you to the Permittees

