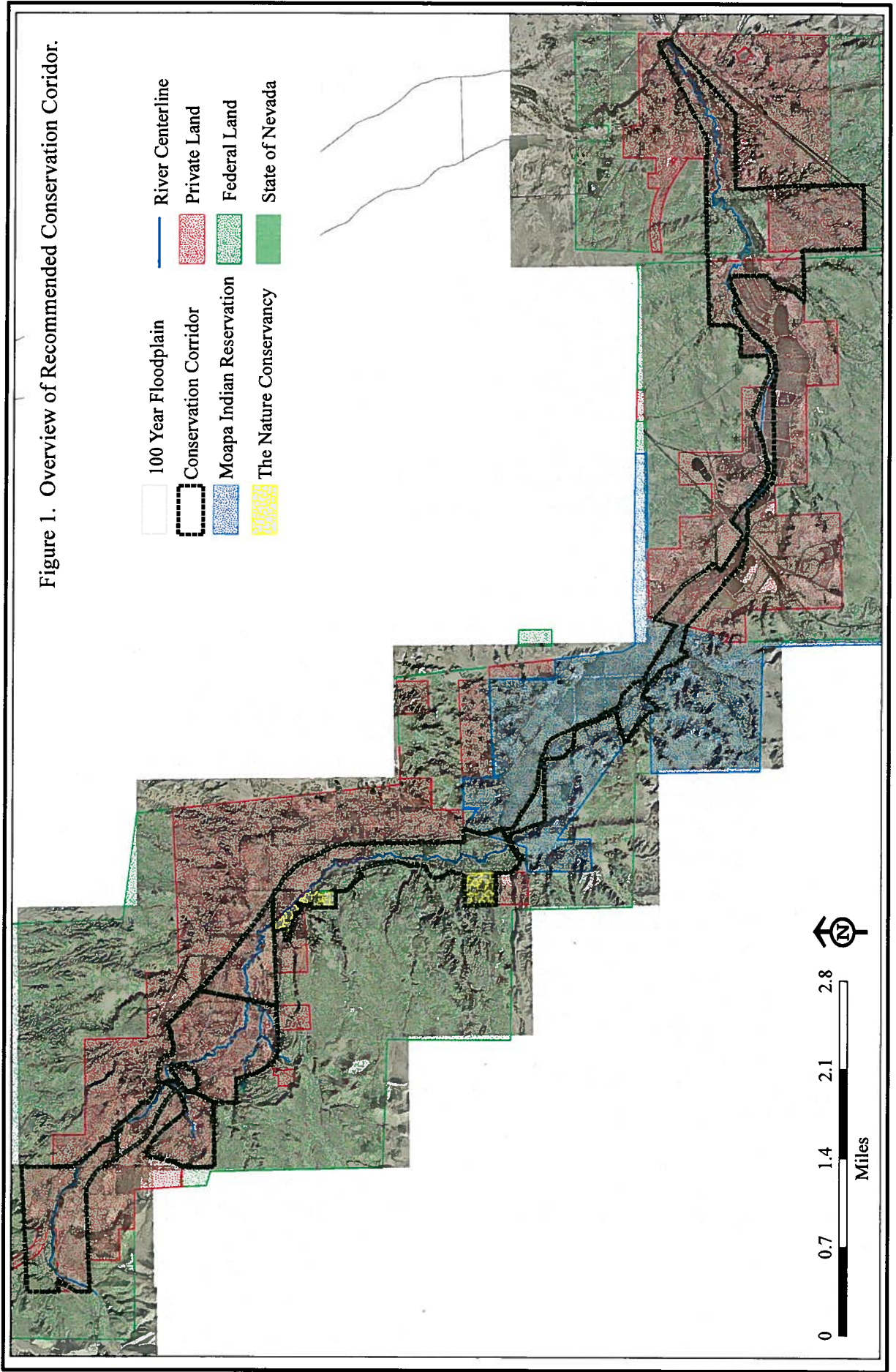


Appendix A

Figures

Figure 1. Overview of Recommended Conservation Corridor.



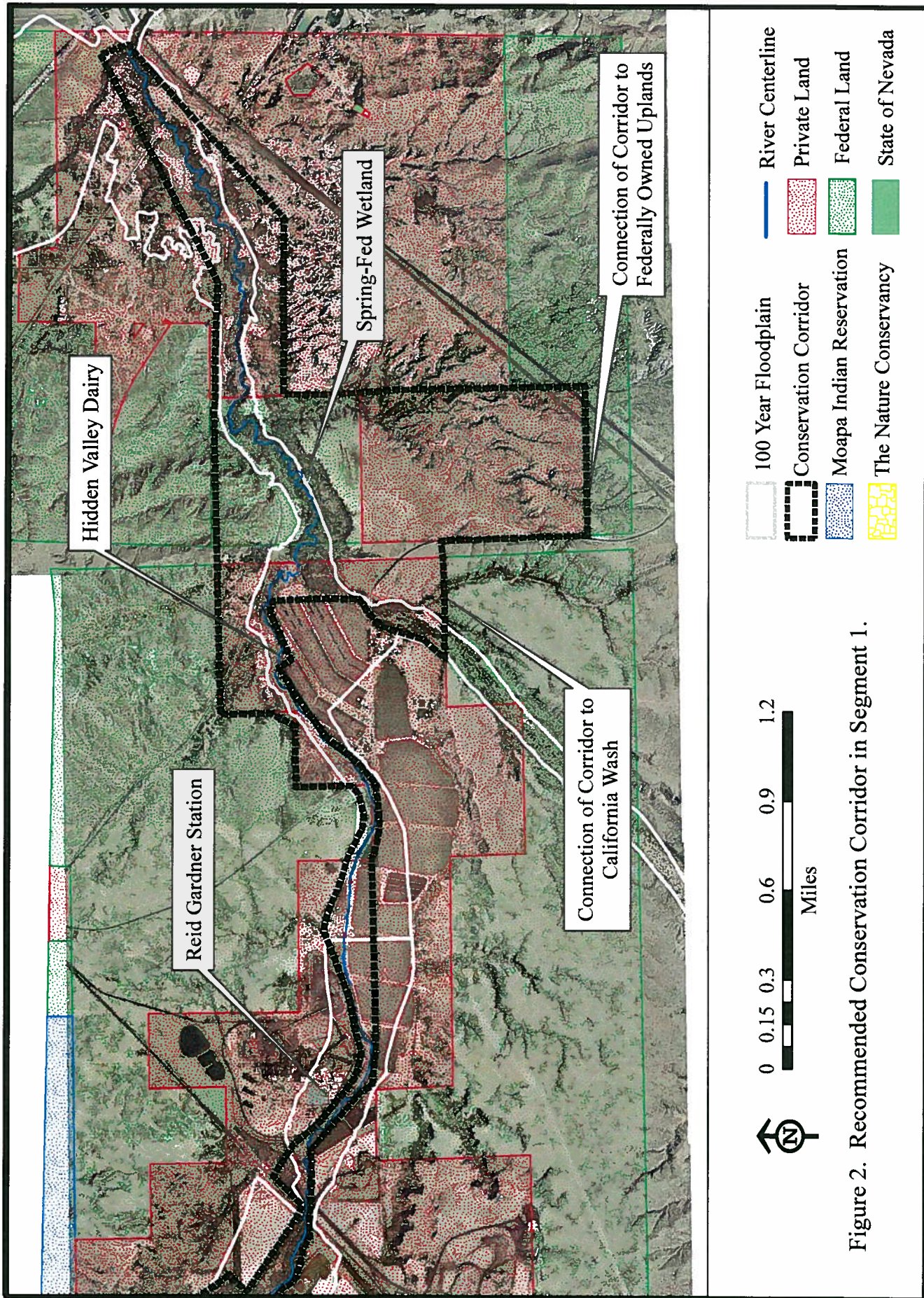


Figure 2. Recommended Conservation Corridor in Segment 1.

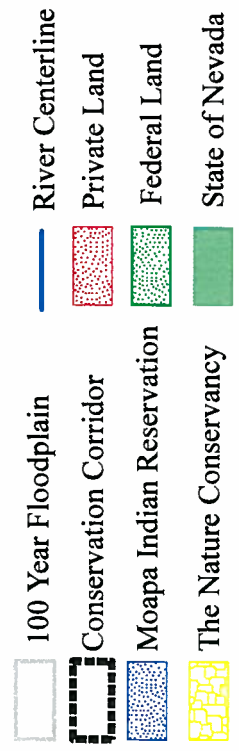
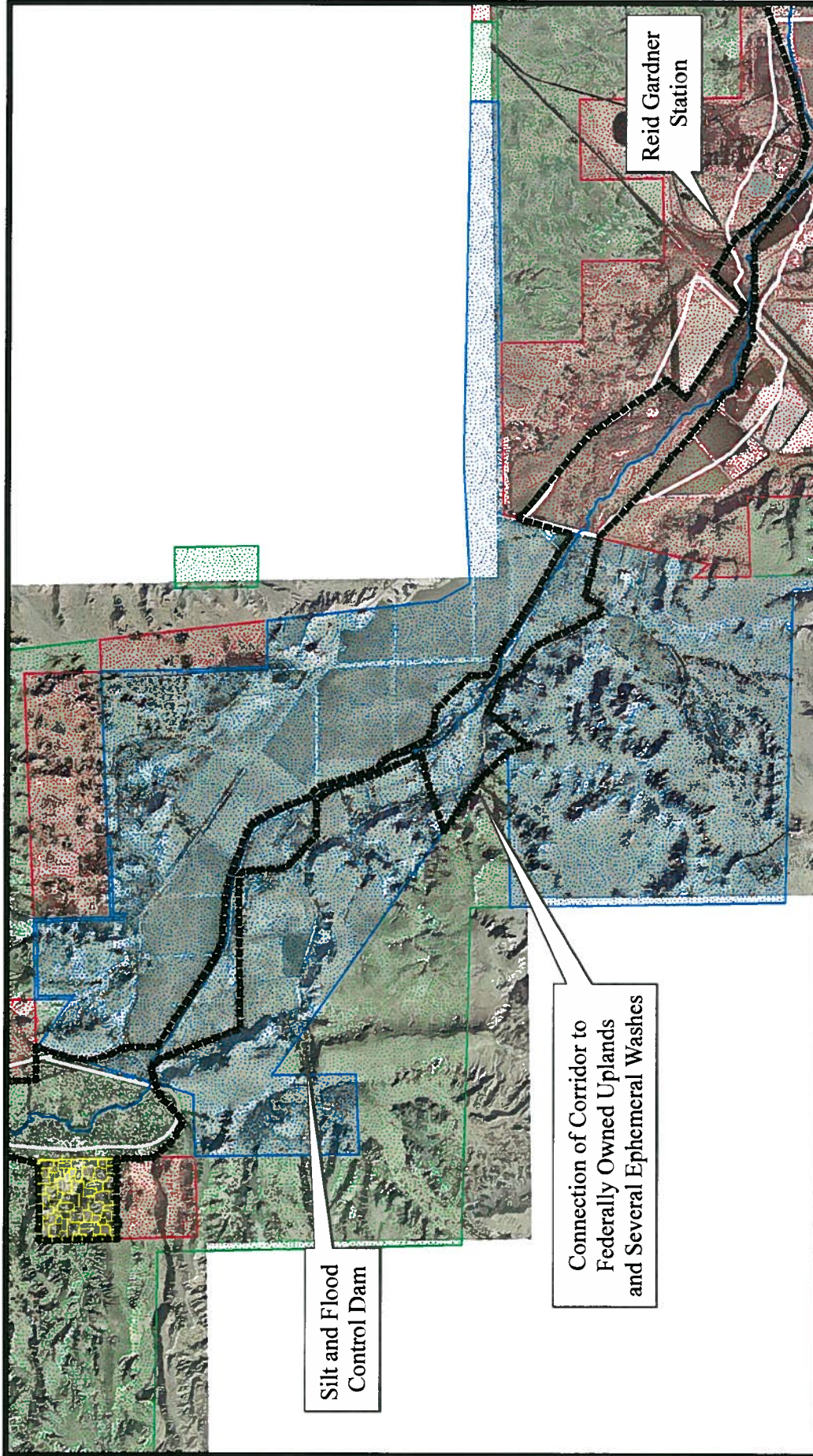


Figure 3. Recommended Conservation Corridor in Segment 2.

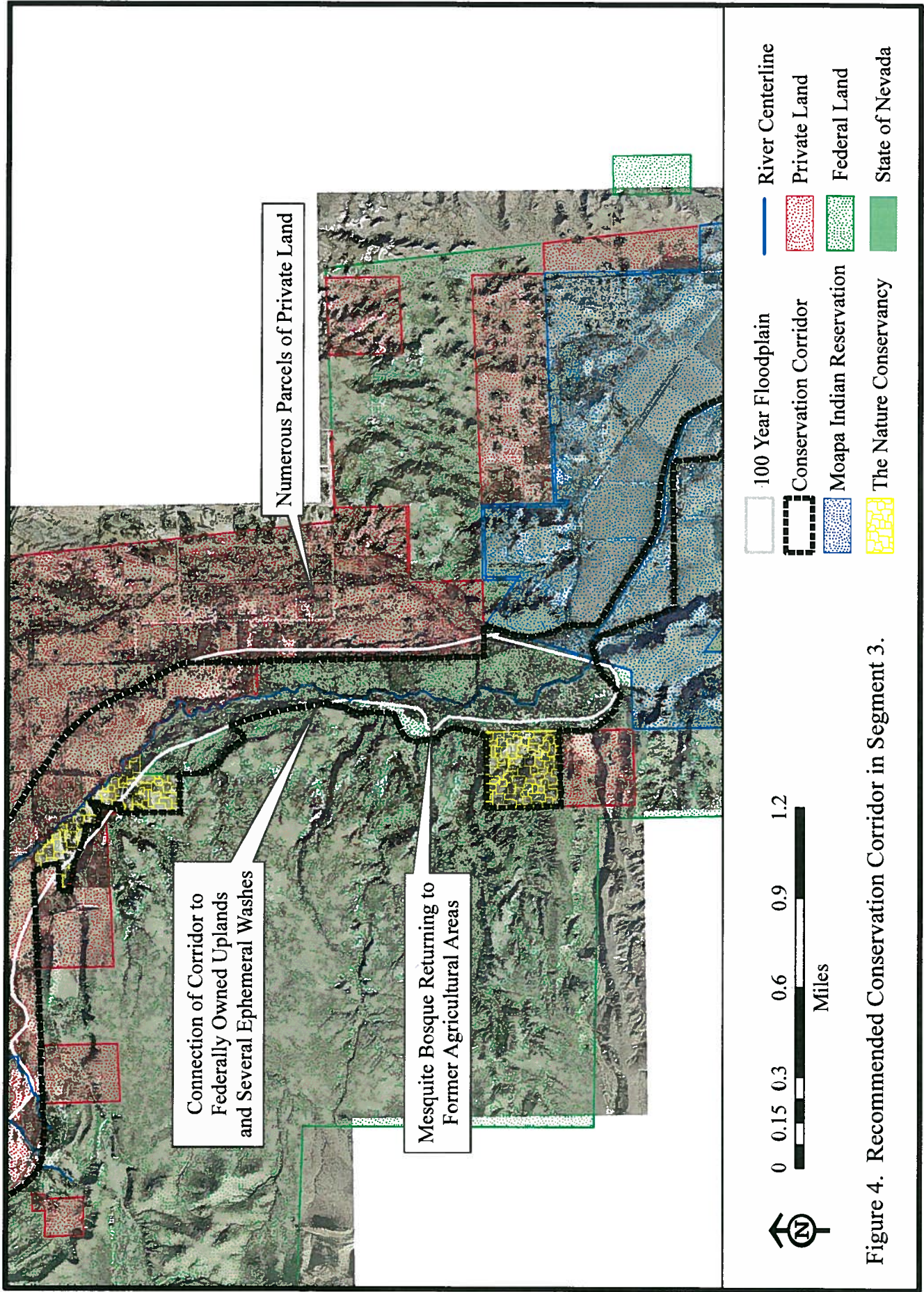


Figure 4. Recommended Conservation Corridor in Segment 3.

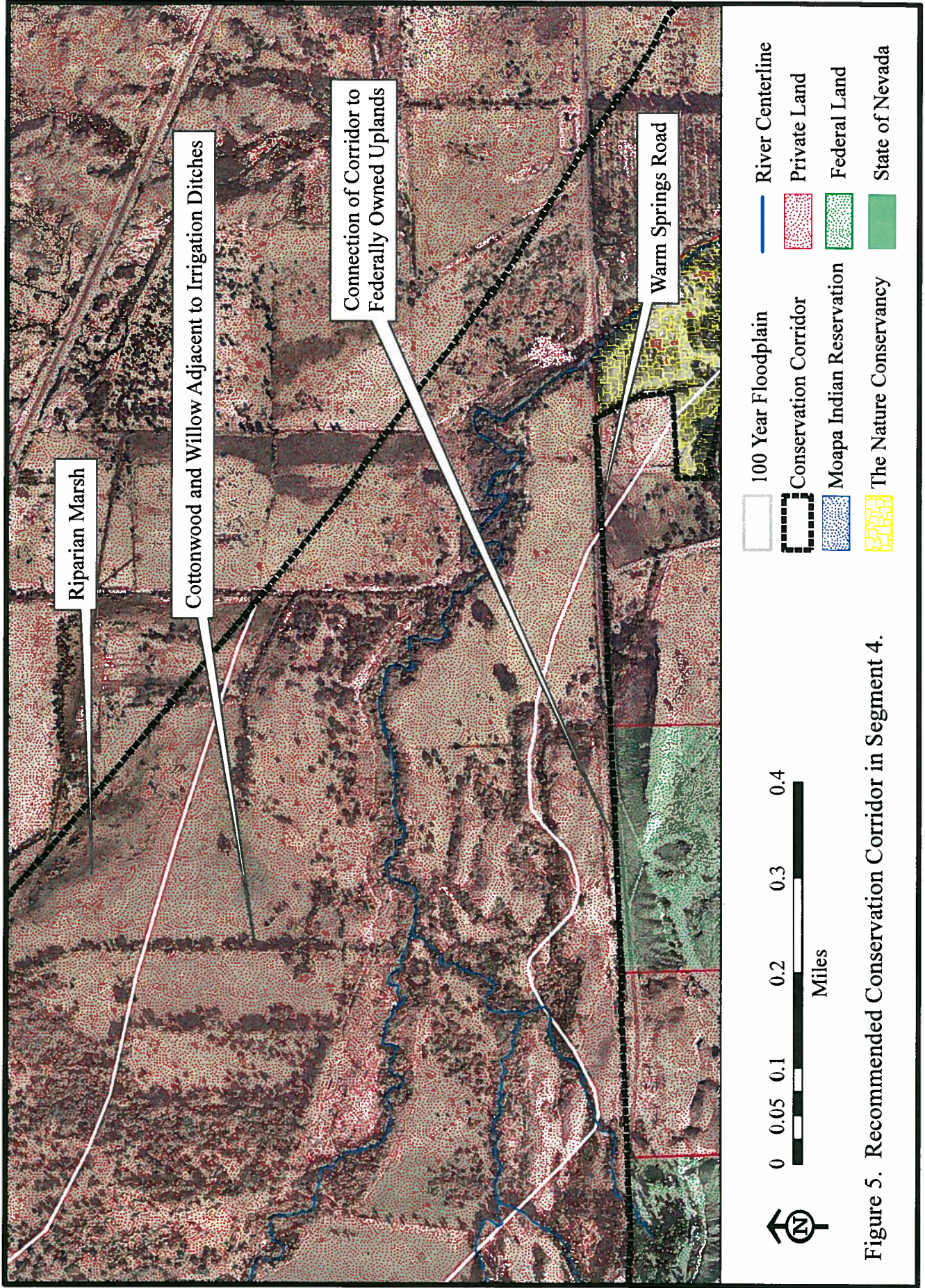


Figure 5. Recommended Conservation Corridor in Segment 4.

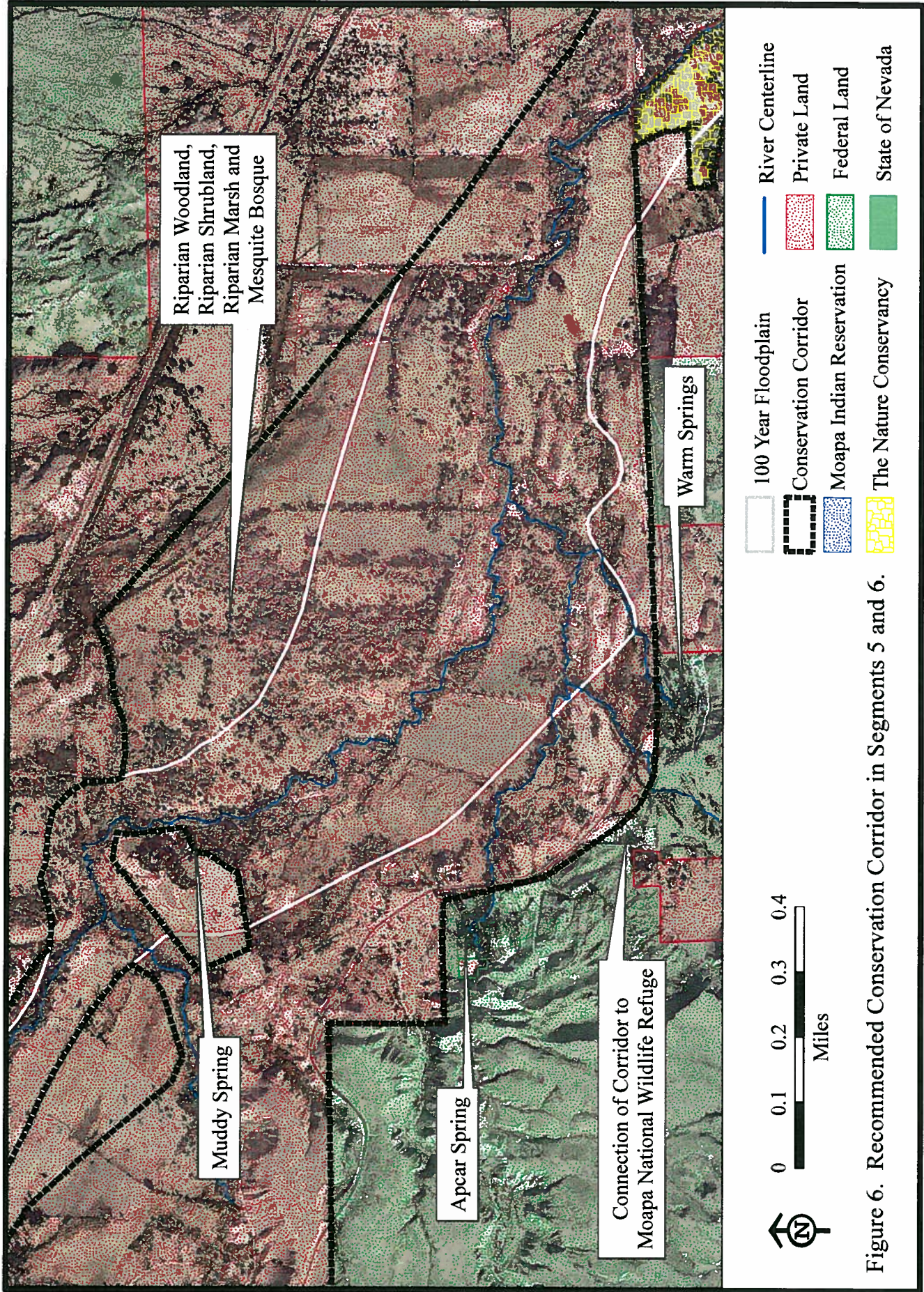


Figure 6. Recommended Conservation Corridor in Segments 5 and 6.

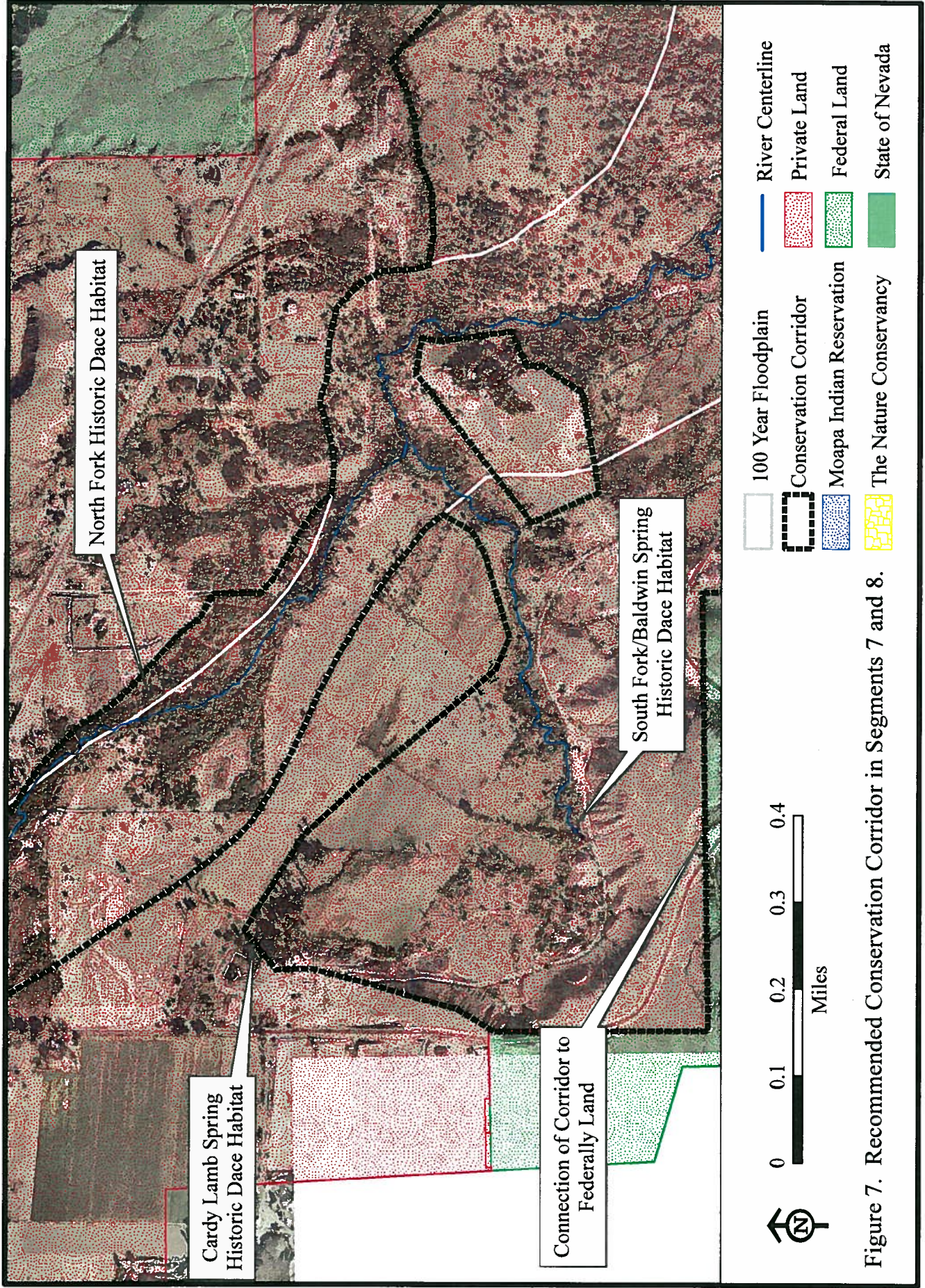
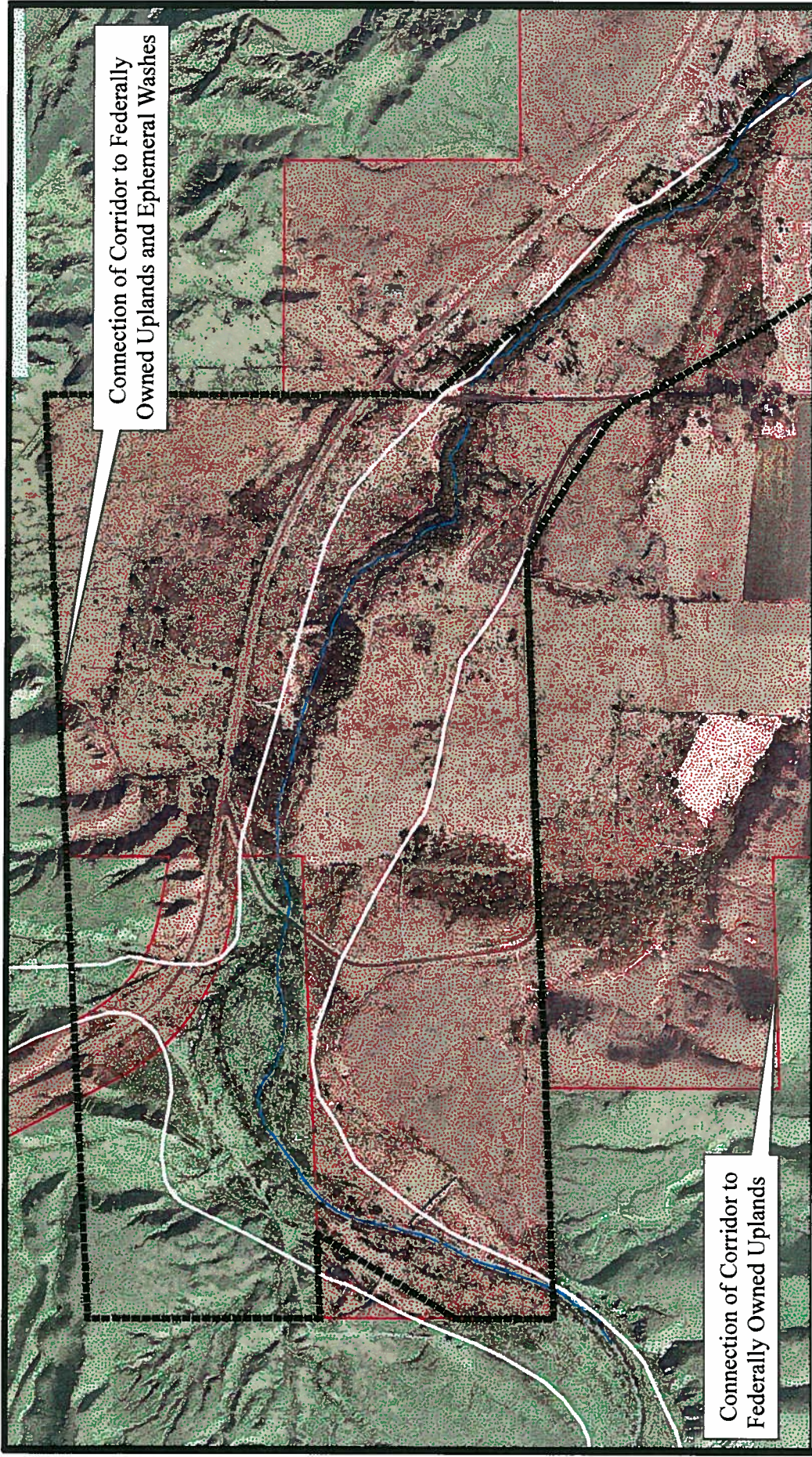


Figure 7. Recommended Conservation Corridor in Segments 7 and 8.



- 100 Year Floodplain
- River Centerline
- Conservation Corridor
- Private Land
- Federal Land
- Moapa Indian Reservation
- The Nature Conservancy
- State of Nevada

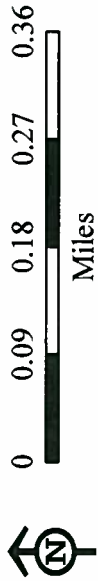


Figure 8. Recommended Conservation Corridor in Segment 9.

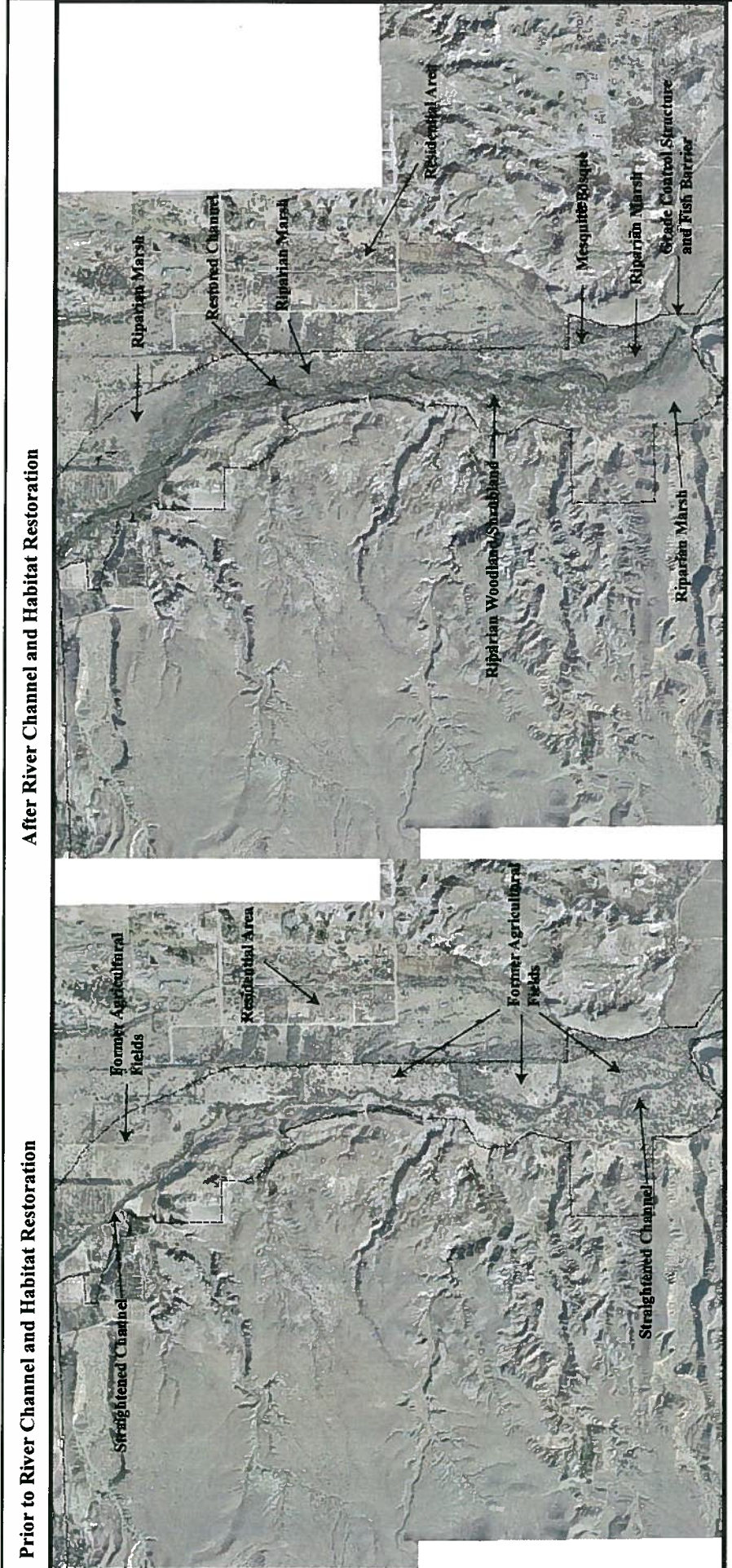


Figure 9. Conceptual Model of Pre and Post Restoration Conditions Within Segment 3.

Before and after conditions are portrayed for river channel and habitat restoration. Both federally (BLM) and privately (TNC) owned lands are incorporated into the overall restoration. Sinuosity has been increased in areas where the river was previously straightened. Former agricultural fields have been returned to riparian marsh, woodland, shrubland, and mesquite bosque areas following restoration by raising the elevation of the river channel, improving the connection between the channel and floodplain, and subsequently improving soil moisture conditions throughout the floodplain. A grade control structure has been constructed at the White Narrows for the purpose of establishing and maintaining the elevation at the downstream end of the restored river segment, preventing channel entrenchment following channel reconstruction, and excluding aquatic invasive species from the headwaters of the UMR valley. In addition, a diversion structure for irrigation within tribal lands would be incorporated into the grade control structure.

