

Truckee River Restoration Design
 Lockwood Property

Restored River	Silt Screen	Habitat Hillocks (HH)	Training Dikes (TD)	Rock Stockpiles (RS)
Access Roads	Fill Channel (FC)	Point Bar (PB)	Staging Areas (SA)	Project Boundary
Restored River	Riffles (RF)	Wetlands (WE, WC)		



- All of the involved partners are working to develop a higher level of coordination.
- Washoe County Commission does not want to move forward with the funding agreement until there has been further coordination with Storey County.
- We are here to present the most up-to-date information on the project and ask for Storey County Commission endorsement of the project and blessing to move forward.

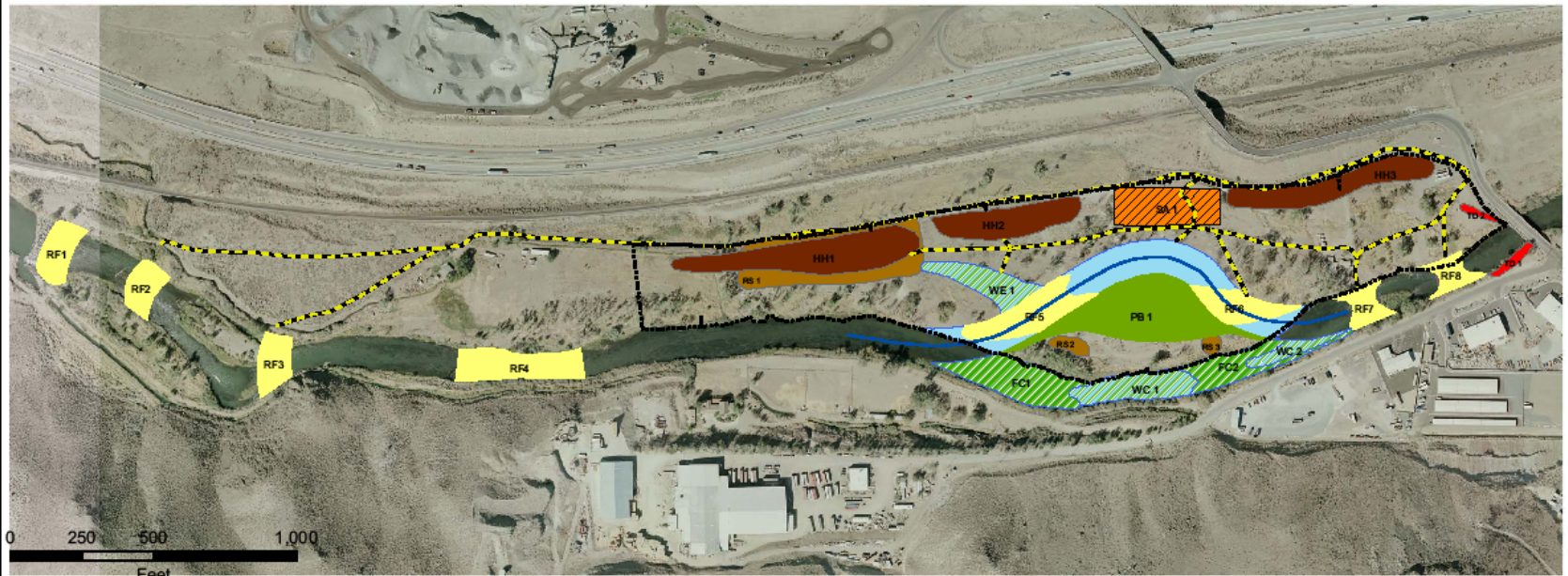


- Reduced flood attenuation
- Lost habitat and species
- Reduced nutrient uptake
- Noxious weed problems



Overall Benefits of Restoration

- **Flood Attenuation** – restore channel sinuosity and reconnect to floodplain
- **Wildlife Habitat** – enhance riparian and wetland habitats for the birds, fish, etc. that depend on them.
- **Water Quality** – nutrient uptake and shade
- **Weed Management** – reduces spread of invasive, non-native weeds



*Truckee River Restoration Design
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Lockwood Re-vegetation Plan



Figure 2.4-1
 Proposed Design for Aquatic and Terrestrial Habitat at Lockwood



The Lockwood Restoration Project is a Partnership of:

- U.S. Bureau of Reclamation
 - City of Reno
 - City of Sparks
 - Storey County
 - Washoe County
- U.S. Fish & Wildlife Service
- Nevada Division of Wildlife
- U.S. Bureau of Land Management



Lockwood Restoration Project Budget

Partner	Funding Source	Commitment (in \$ millions)
Bureau of Reclamation	Desert Terminal Lakes Program	1.73
Washoe County	State Question 1 (restoration)	1.73
	State Question 1 (recreation)	0.39
Flood Management Project	Land (1/8 cent sales tax)	0.36
	Demolition (1/8 cent sales tax)	0.15
	Total:	4.36



- Lockwood Restoration Plan is currently at approximately 90% design level.
- Have accurate cut and fill and materials quantities.
- Will be completing NEPA requirements and applying for permits in coming months.



National Environmental Policy Act (NEPA)

- Environmental Assessment (EA) is well underway.
- Administrative Draft issued this week.
- Public Draft will be issued in February.
- Public Review Period February and March.
- Two more Public Meetings will be held in late February or early March, one of which will be held in Storey County.

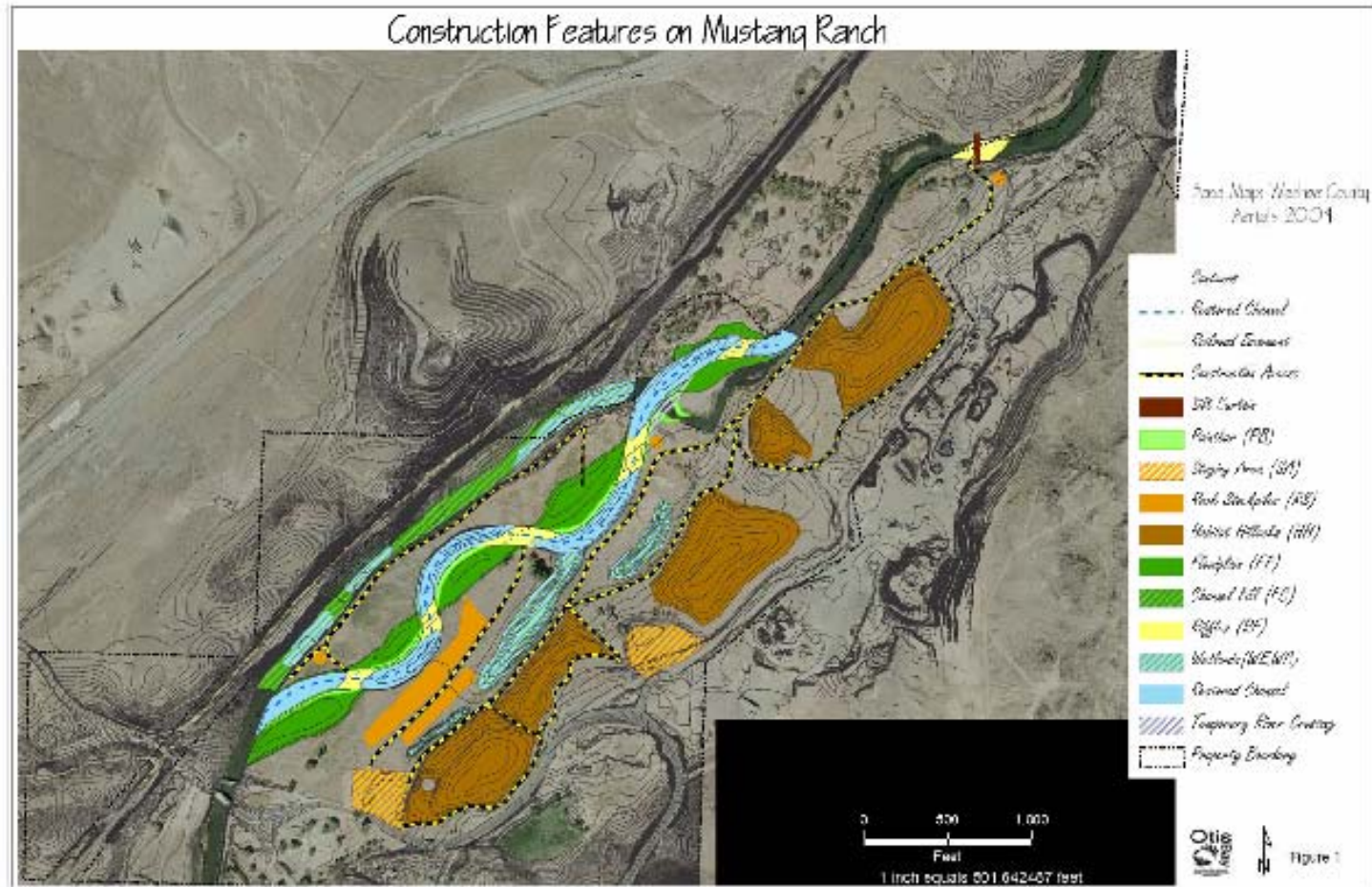


Permit	Issued By
401 Water Quality Certification	NDEP
Stormwater General Permit	NDEP
Clean Water Act 404 Permit	Corps of Engineers in consultation with FWS
Letters of Permission from State of Nevada	State Engineer (Division of Water Resources) and Department of Wildlife approved the project
Special Use/Grading Permit	Sparks and Washoe County
Dust Control and Vector Control Permits	Washoe County District Health Department
Channel and Flowage Easement	Division of State Lands



- 11 sites identified for restoration as components of Flood Management Project.
- Those sites are also rated highest for existing habitat and potential for ecosystem restoration.
- Working with BLM and other partners to restore Mustang Ranch and 102 Ranch sites.

Mustang Ranch Restoration Plan



Mustang Ranch Re-vegetation Plan

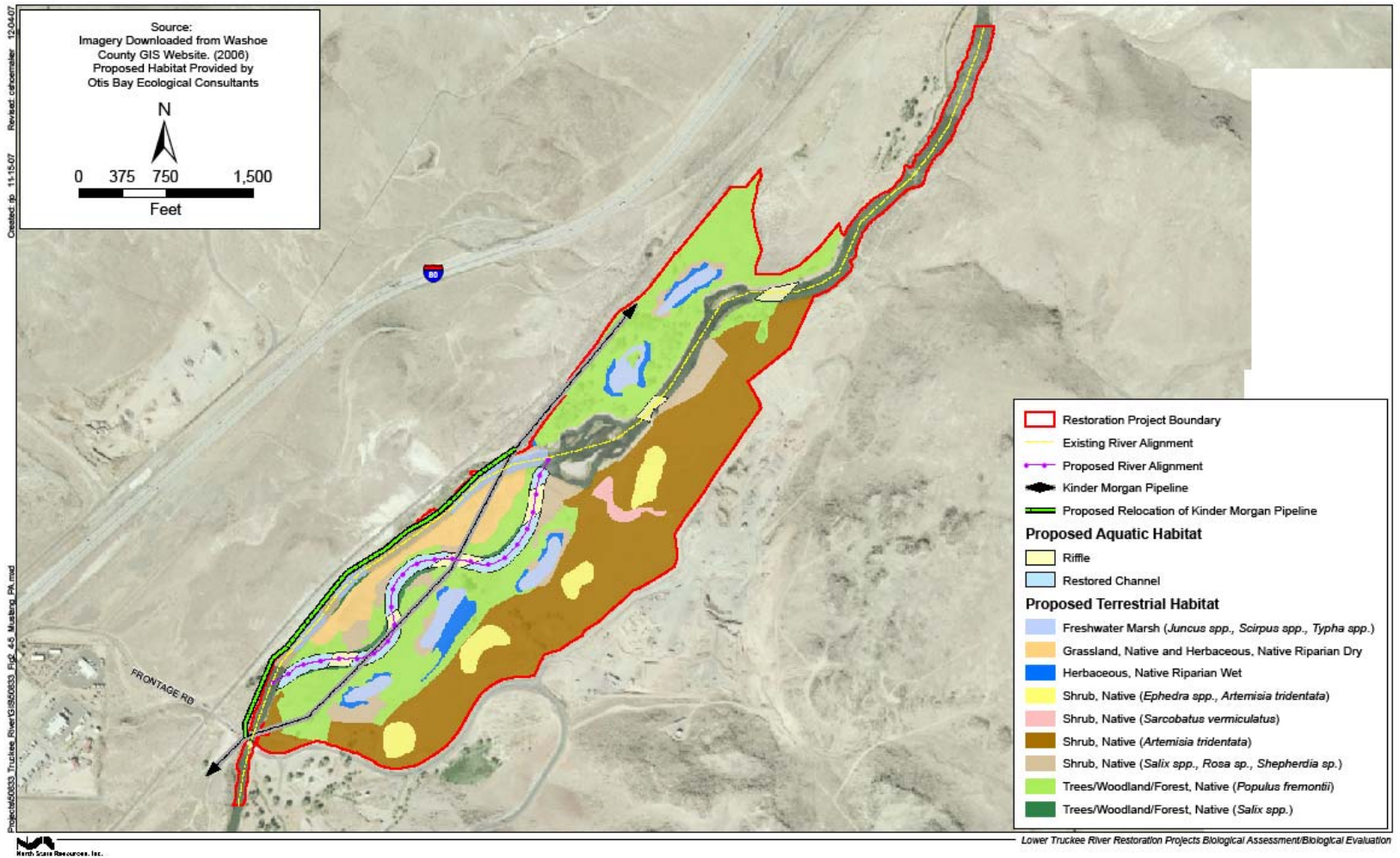
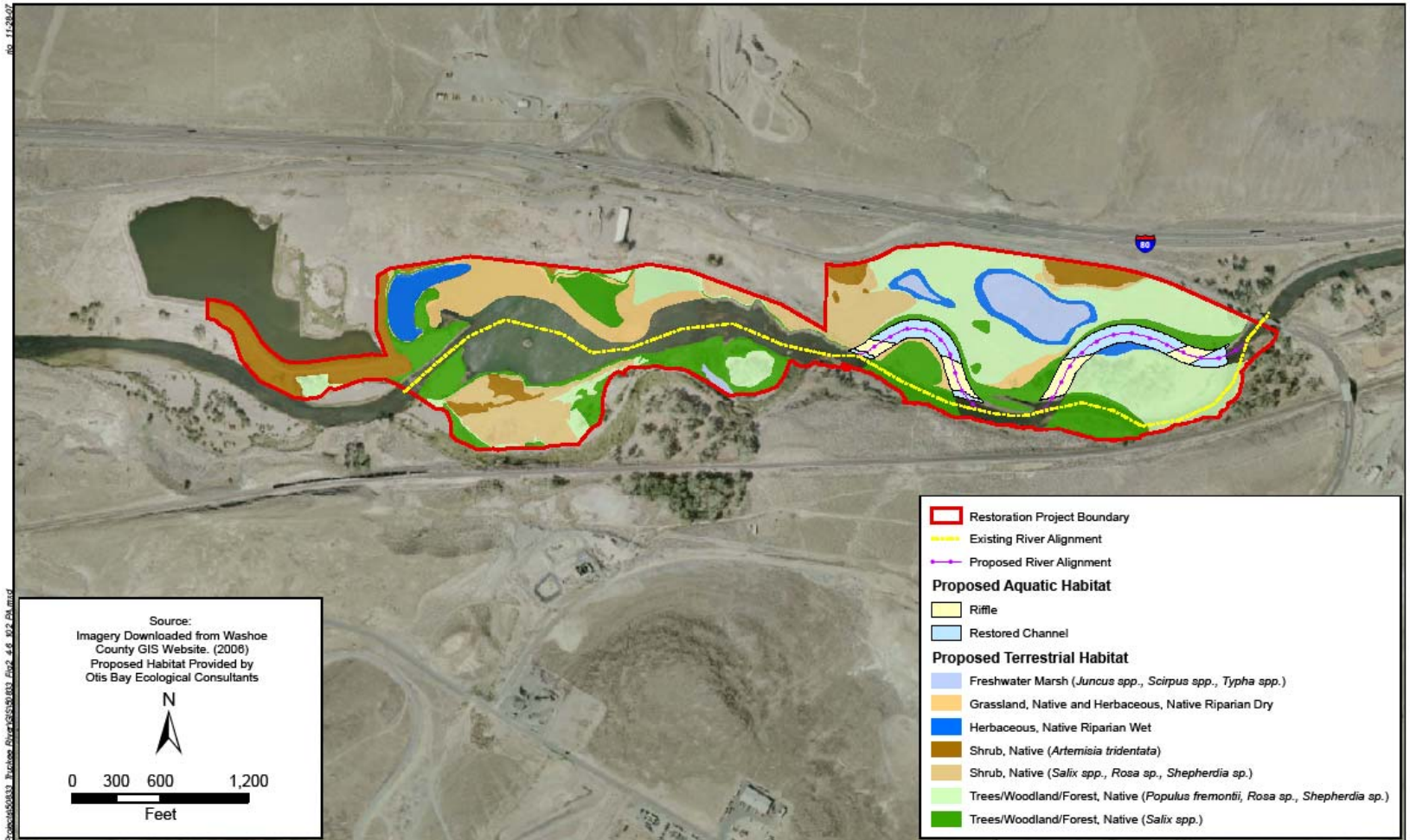


Figure 2.4-5
 Proposed Design for Aquatic and Terrestrial Habitat at Mustang Ranch



Constructor Features Of
 102 Ranch
 Base Map
 Washoe County Aerials 2004

-  Contour
-  Construction Access
-  Rock Riprap (RR)
-  Training Dike (TD)
-  Weirho (WE, WC)
-  Riprap (RI)
-  Filt (FL)
-  Post Bar (PB)
-  Rock Bar
-  Rocked Channel
-  102 Property Boundary



Lower Truckee River Restoration Projects Biological Assessment/Biological Evaluation

Figure 2.4-6
 Proposed Design for Aquatic and Terrestrial Habitat at 102 Ranch



Thank You.

Questions?

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