

*Presentation on
102 Ranch TRAction Project*

Truckee River Flood Project

Coordinating Committee Meeting

March 14, 2008

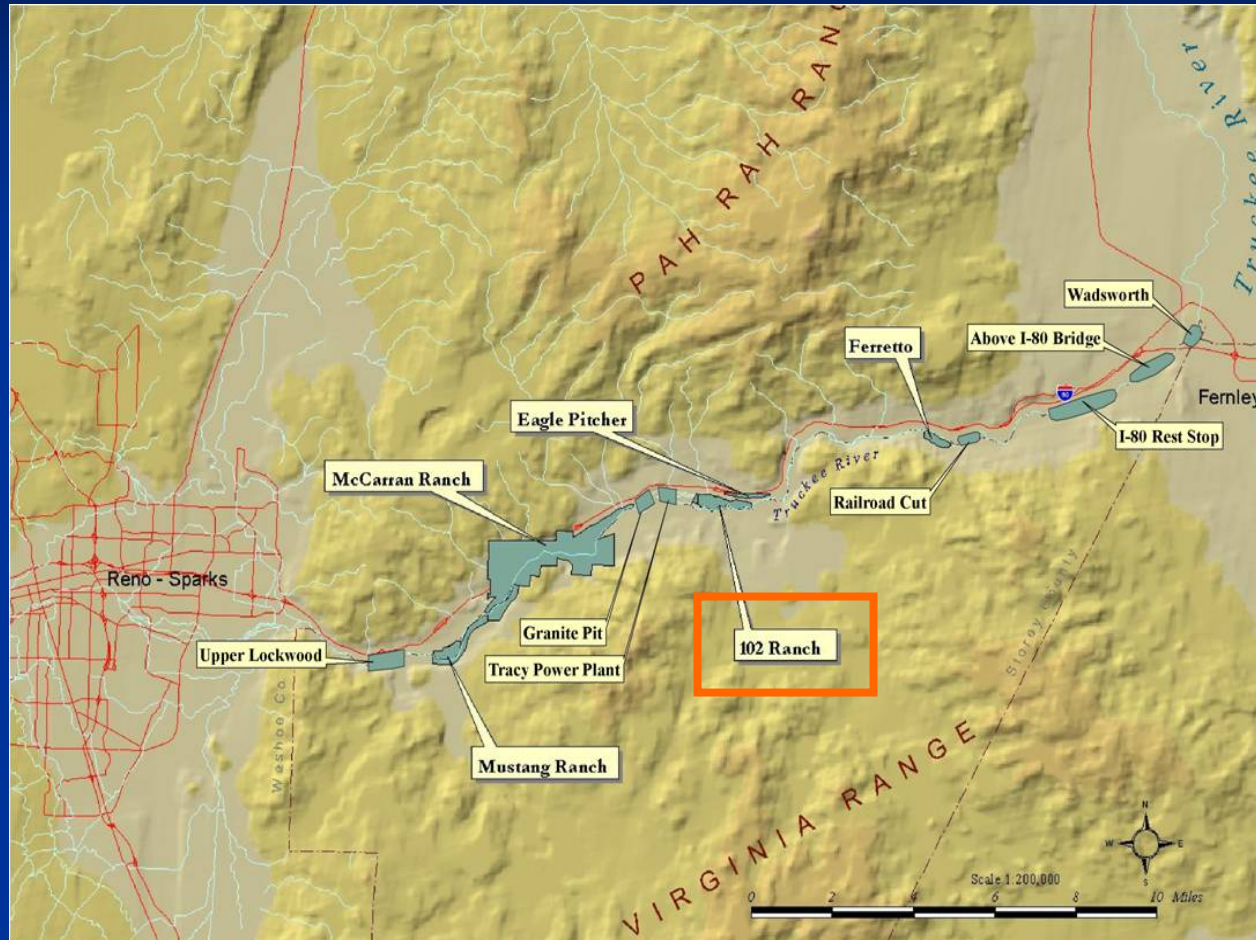
Danielle Henderson

Natural Resource Manager

AB-5 for Stream Restoration

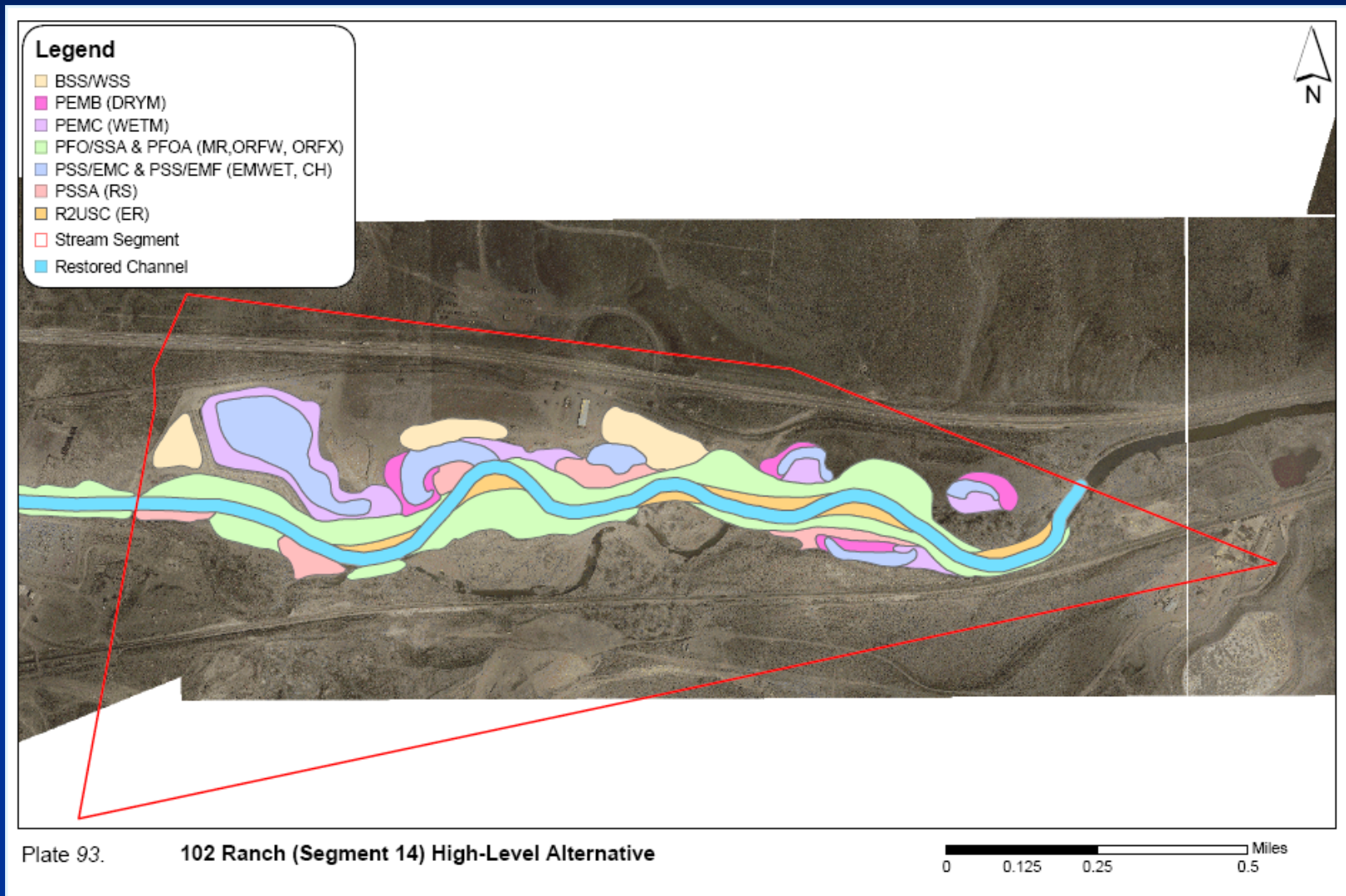
- State DCNR is appropriating **\$4.775 million** from AB-5 to the Flood Project for restoration
- Flood Project would use **\$3.1 million** from AB-5 for Year 1 construction at 102 Ranch
- *Approval of 102 Ranch TRAction Project would allow the Flood Project to apply for credit and leverage local funds*

Lower Truckee River Restoration Sites

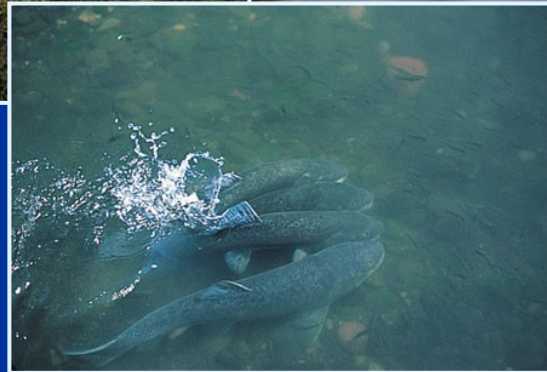


Note: Although shown here, McCarran Ranch is not included in the Flood Project restoration plans because it preceded the project by several years.

102 Ranch Restoration Plan



River Restoration



102 Ranch Restoration Plan

- BLM owns 102 Ranch property
- TNC will lead project implementation
- *Flood Project and BOR will fund*

Estimated Project Budget

YEAR 1 (2008) Construction Cost:
Flood Project Funds (AB-5 grant) \$3.1 million
(Local funds)

YEAR 2 (2009) Construction Cost:
BOR Funds (Desert Terminal Lakes Prog) \$2.1 million
(Federal funds)

TOTAL PROJECT COST: \$5.2 million

TRAction Project Checklist

All TRAction Projects must:

- ✓ Be sponsored by a government agency
- ✓ Be included in both NED/NER Plan and LPP
- ✓ Cause no adverse impact to others
- ✓ Provide benefit as a stand-alone project
- ✓ Be technically feasible and cost-effective

TRAction Project Checklist

- ✓ Washoe County (Flood Project) would sponsor the project
- ✓ Project included in NER and LPP

TRAction Project Checklist



No adverse impacts

- *Should not increase downstream flows*
- *Should not harm nearby properties*

TRAction Project Checklist



Provides ecosystem benefits

- *Restore channel and riparian area*
- *Attenuate flood flows*
- *Provide floodplain storage*
- *Raise water table*
- *Improve ecosystem functionality*
- *Enhance habitat*

TRAction Project Checklist



Feasible and cost-effective

- *Feasibility studies complete; now in design and permitting phase*
- *Funding for project is in-place and fits within overall Flood Project budget*

Additional TRAction Evaluation Criteria

- ✓ *Degree of flood protection/mitigation provided*
- ✓ Degree of flood damage reduction provided
- ✓ *Magnitude of ecosystem restoration provided*
- ✓ Whether or not the project includes recreation
- ✓ *Project placement within overall Corps engineering and construction sequence*
- ✓ *Potential to leverage outside funds*

Additional TRAction Evaluation Criteria

- ✓ *Affordability (fit within existing funding streams)*
- ✓ Opportunity to purchase lands and easements
- ✓ Individual project benefit-to-cost ratio
- ✓ *Potential to provide significant cost savings to overall Flood Project and community*
- ✓ Risk of pending development
- ✓ *Design and construction should be considered together (total project cost estimate)*

Fiscal Impact

- The fiscal impact of the 102 Ranch project is **\$3.1 million**, which will come from the \$4.775 million AB-5 grant

Recommendations

1. Approve 102 Ranch restoration as a TRAction Project;
2. Authorize the expenditure of up to \$3.1 million in AB-5 funds for implementation;
3. Direct staff to develop a funding agreement with WC and TNC to implement the 102 Ranch TRAction Project; and
4. Request the WC Board of Commissioners to approve the funding agreement.