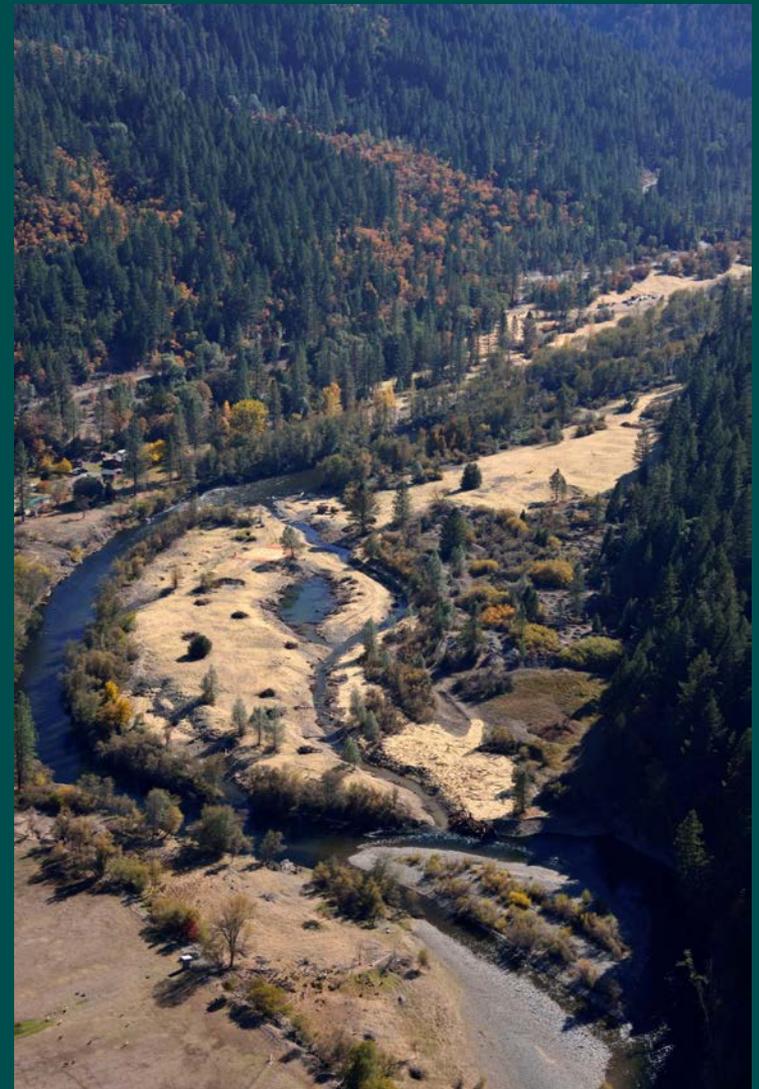


Compliance & Implementation Update



Trinity Management Council

September 17, 2015
Trinity Public Library



Channel Rehabilitation:



- **Bucktail Channel Rehabilitation Project** –
Substantial changes since 2013 Bucktail/LJC EA
New Bucktail EA/IS for Bucktail I, II, and III
30 Day Public review fall 2015
- **Lower Dutch Creek Channel Rehabilitation** –
Scoping complete in July 2015;
Address comments with USFS
EA/IS for 30 Day Public review in late fall 2015
- **Deep Gulch Project (in Lower Valley Suite)**
On-going project refinement (BLM & PVT)
EA/IS for 30 Day Public review spring 2015



General Compliance:



- Renewed ALL long-term WQCB water quality certifications (Fine and Coarse sediment & Channel Rehabilitation)
- Programmatic Updates for Terrestrial and Aquatic Biological Assessments – Biological Opinions in 2016
- Cultural: Need to ID Representative Trinity mining areas, protect, and interpretative sign
- Recreation: River access assessment needed
- TRRP Reveg Strategy and methods in final review
- TRRP Section 10 Scientific Take Permit in renewal with NOAA Fisheries



2015 Implementation

Hocker Flat / Lower Junction City:

- Contractor: Samara Revegetation
- **3.7 acres** riparian plantings with irrigation and amended soils. **0.75 acres** upland.

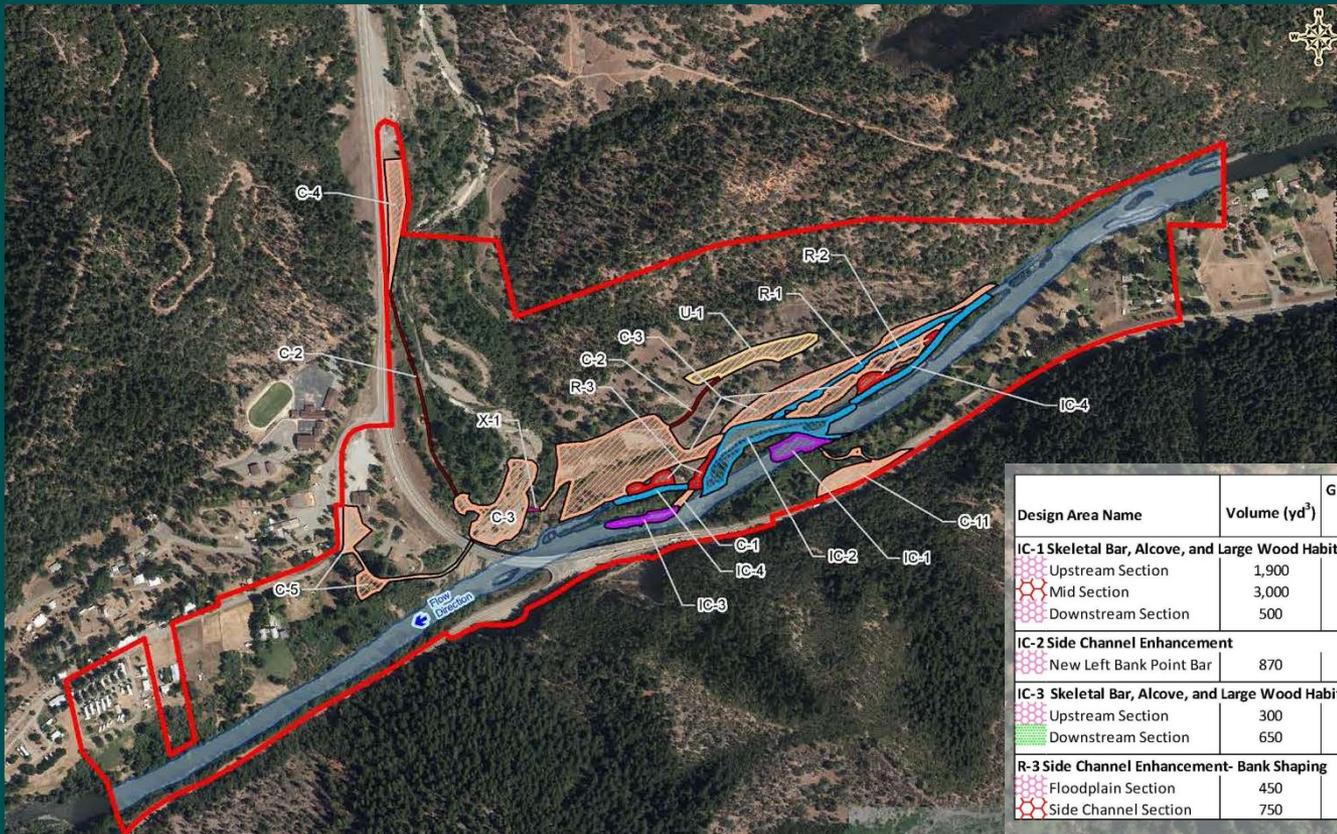
Emphasize floodplain function
for natural plant regeneration



2015 Implementation

Upper Douglas City:

- Contractor: Falcon Builders (~out of water on Aug 18); Reveg remaining



Design Area Name	Volume (yd ³)	Grain Size Range (in)		Volume (yd ³) by Grainsize		
		D _{min}	D _{max}	5/16 to 6 inches	6 to 10 inches	10 to 18 inches
IC-1 Skeletal Bar, Alcove, and Large Wood Habitat Structure						
Upstream Section	1,900	5/16	10	1,430	470	0
Mid Section	3,000	5/16	18	1,800	900	300
Downstream Section	500	5/16	10	380	120	0
IC-2 Side Channel Enhancement						
New Left Bank Point Bar	870	5/16	10	650	220	0
IC-3 Skeletal Bar, Alcove, and Large Wood Habitat Structure						
Upstream Section	300	5/16	10	230	70	0
Downstream Section	650	5/16	6	650	0	0
R-3 Side Channel Enhancement- Bank Shaping						
Floodplain Section	450	5/16	10	340	110	0
Side Channel Section	750	5/16	18	450	230	70

Upper Douglas City: Fish Translocation



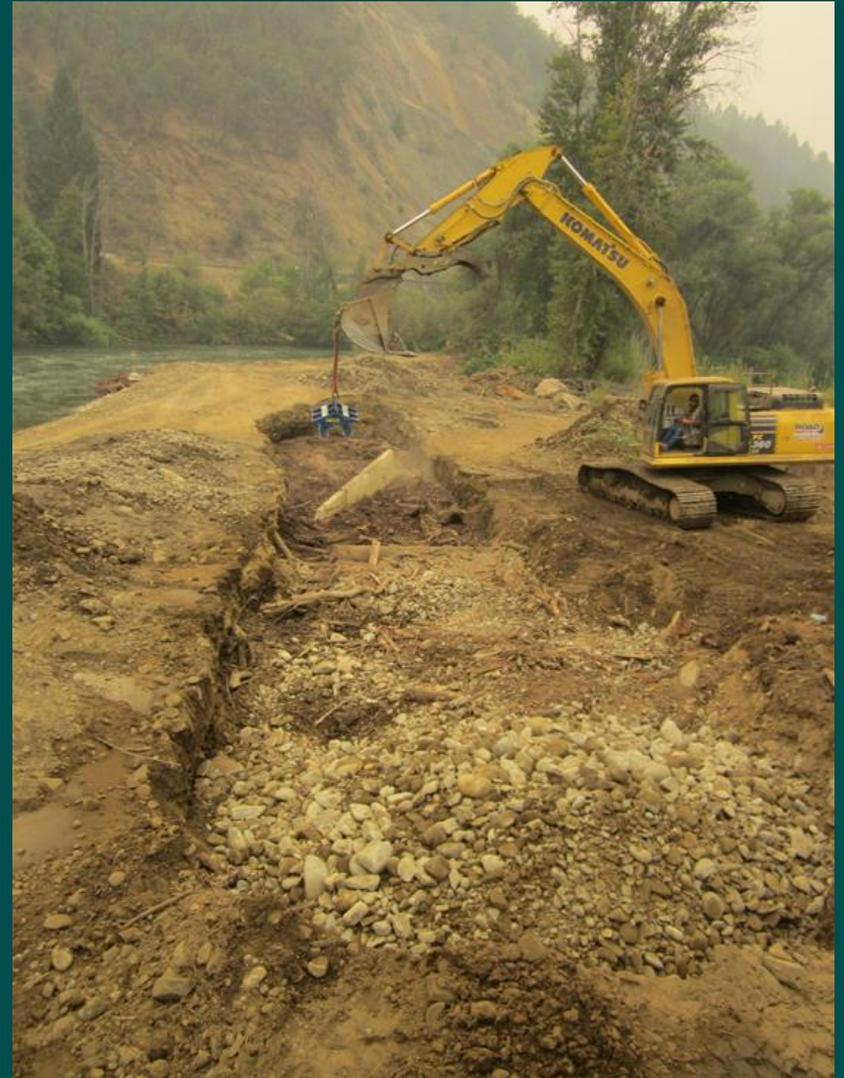
Upper Douglas City: Rock sizing/sourcing



Upper Douglas City: R2 side channel



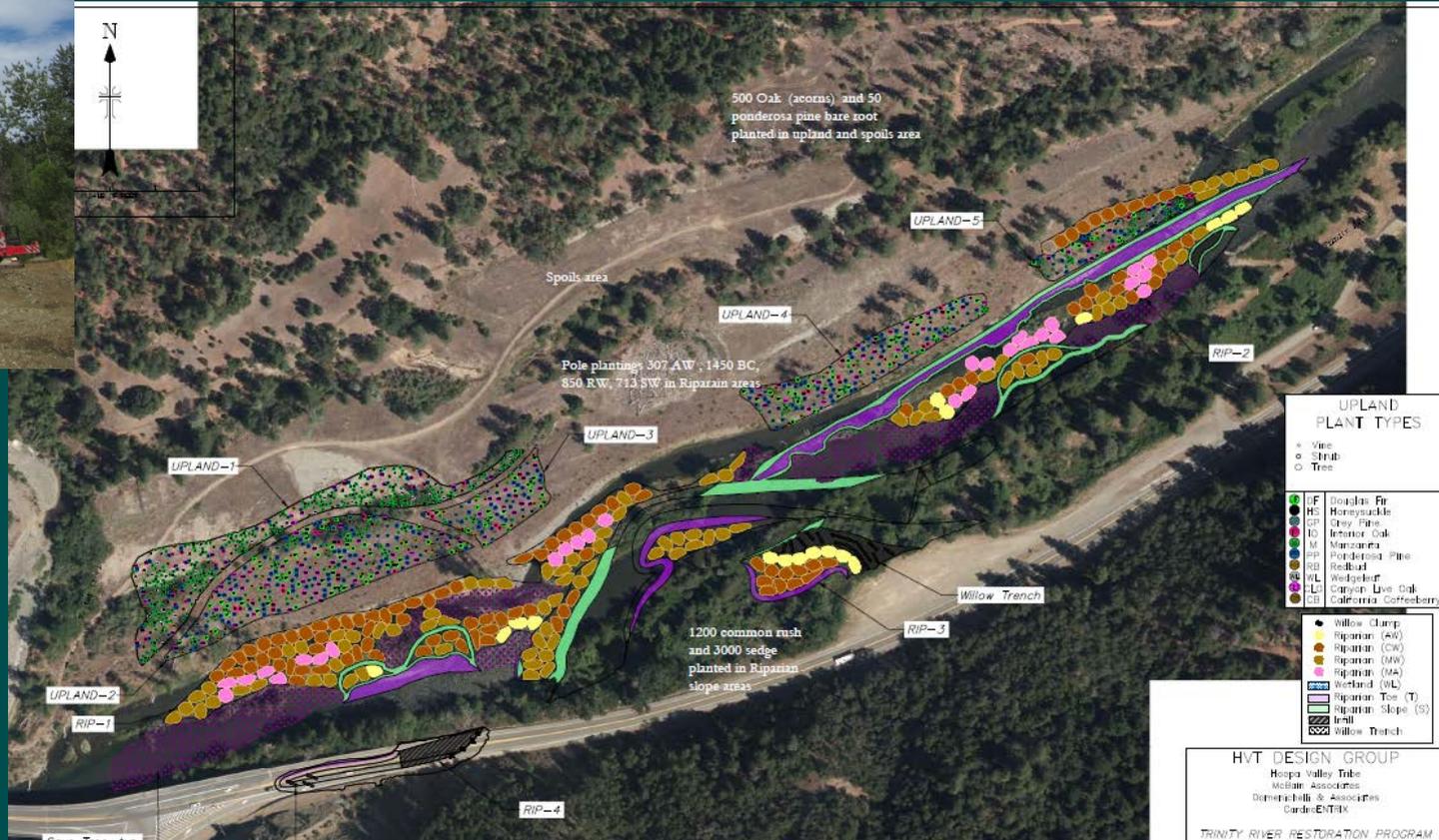
Upper Douglas City: bedrock



Upper Douglas City: Pit run vs clean rock



Upper Douglas City: Revegetation

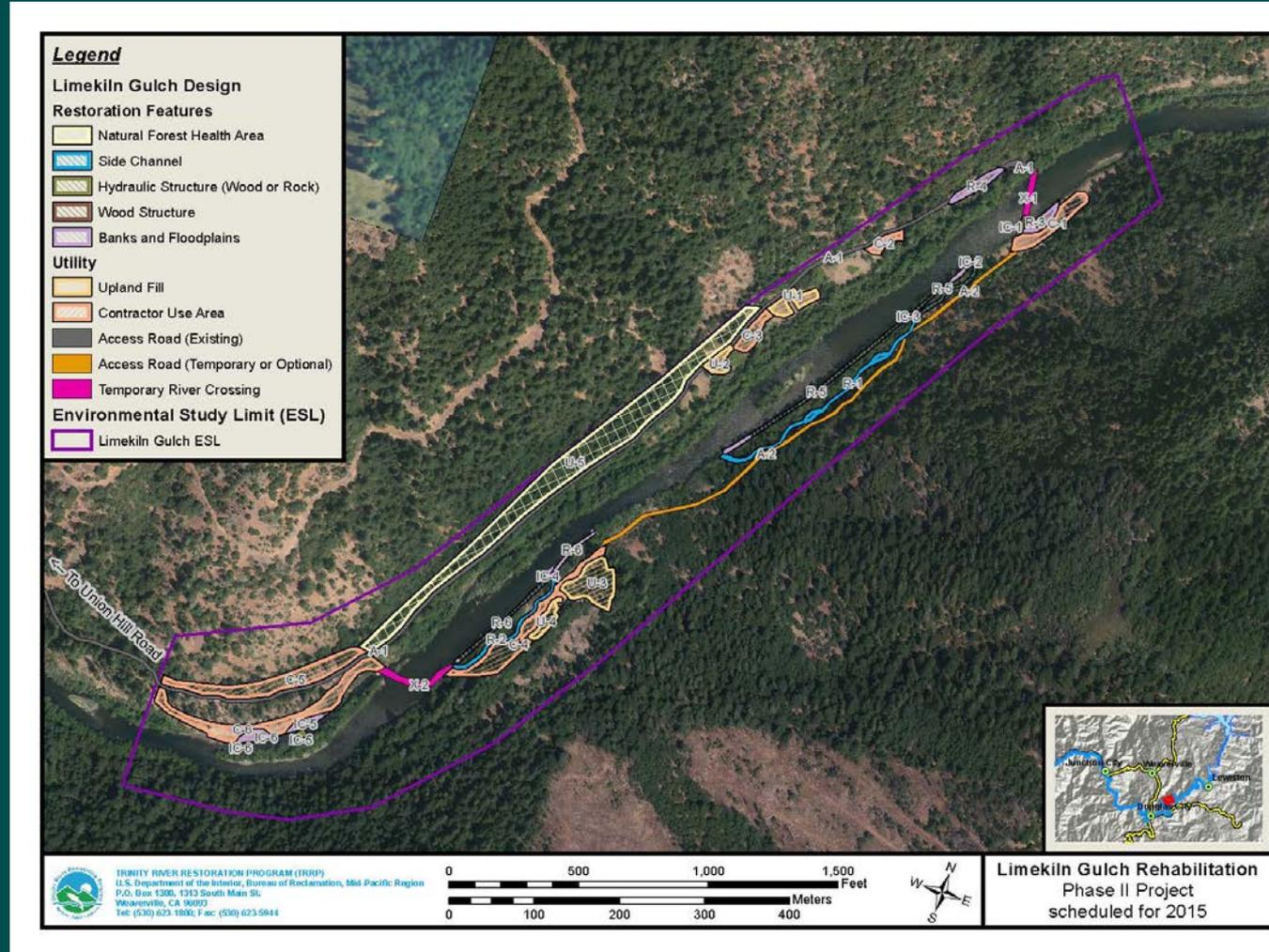


2015 Implementation

Limekiln

Gulch:

Contractor:
Yurok Tribe
Remote –
Challenging site



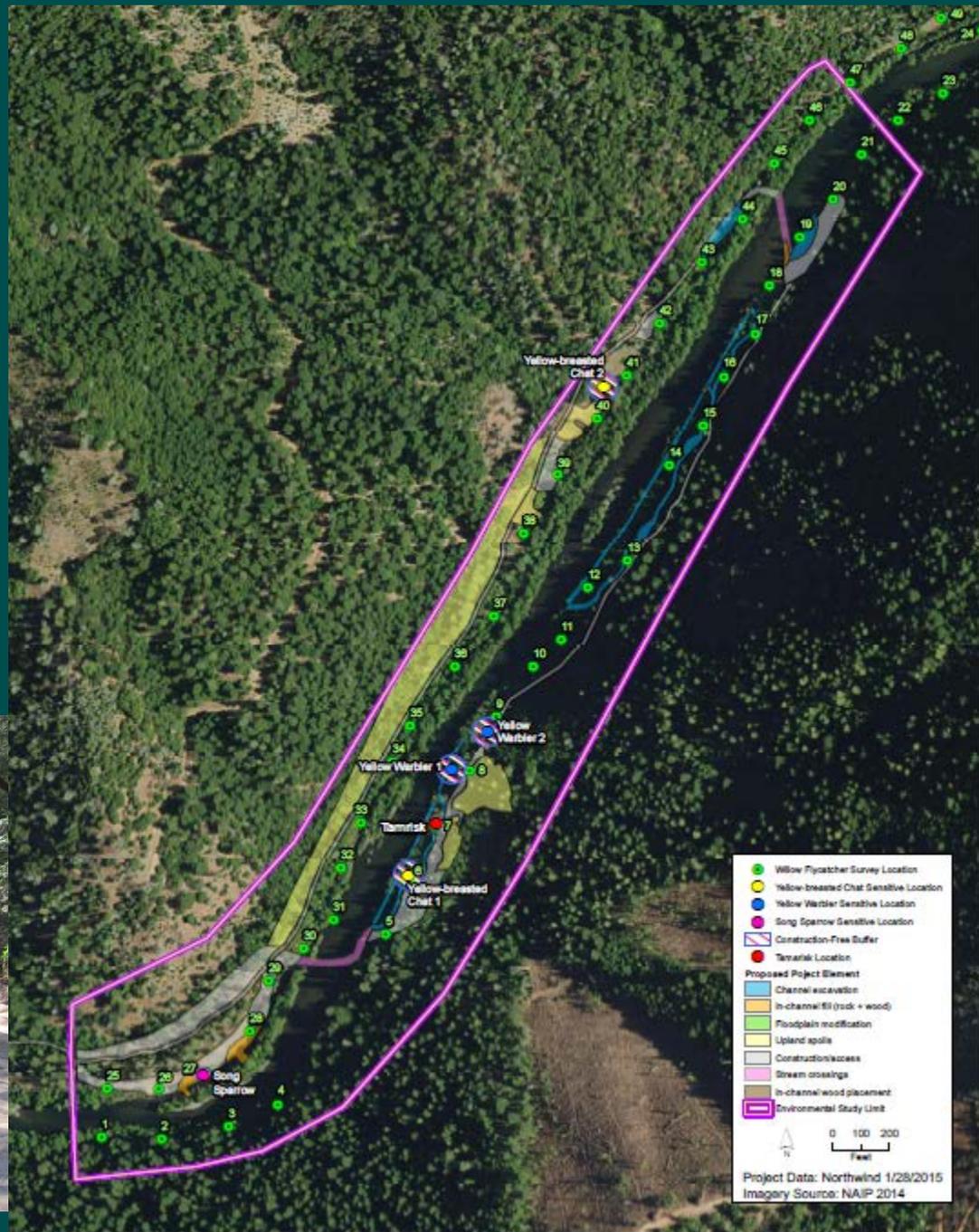
Limekiln Gulch: Archaeological protection



Limekiln Gulch: birds



And Trees



Limekiln Gulch: difficult access



Safety and fire concerns

Limekiln Gulch: Extremely tight conditions



Limekiln Gulch: Bedrock



Limekiln Gulch: Precautionary flows (3,300 cfs)



Limekiln Gulch: Channel Rehabilitation



Questions?

- Brandt Gutermuth, Environmental Scientist (TRRP)
 - Phone: 530-623-1806
 - E-Mail: bgutermuth@usbr.gov

EXTRA SLIDES



Environmental Compliance

- National Environmental Policy Act (NEPA)
 - Requires analysis and disclosure of environmental & human effects
- California Environmental Quality Act (CEQA)
 - State equivalent to NEPA
 - Requires reducing environmental effects

**Both minimize environmental effects
via public participation and
documentation**

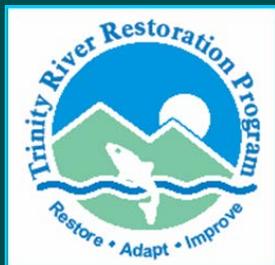
■ NEPA: Federal

- Lead & Project Proponent =
U.S. Bureau of Reclamation
(Trinity River Restoration Program)
- Co-Lead =
U.S. Bureau of Land Management



■ CEQA: State

- Lead = State Agency with primary project responsibility
North Coast Regional Water Quality Control Board
- Responsible Agencies
- Trustee Agencies





Trinity River Restoration Program

