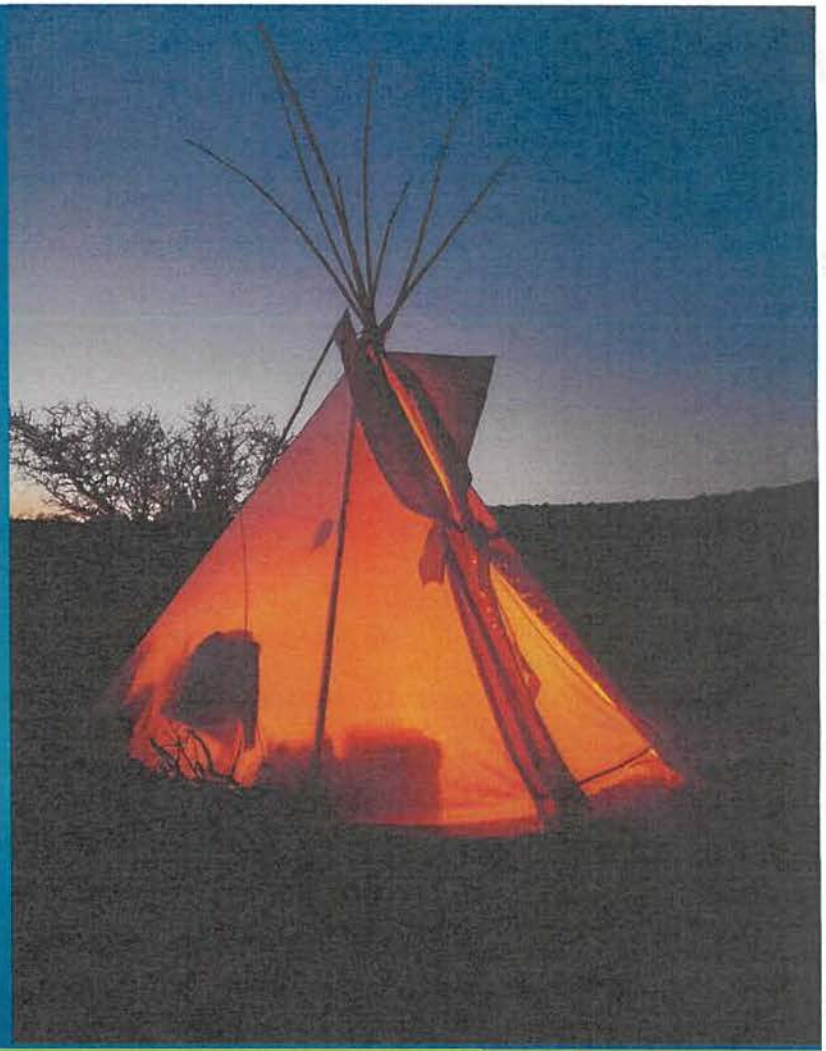
Current & Proposed Watershed Projects

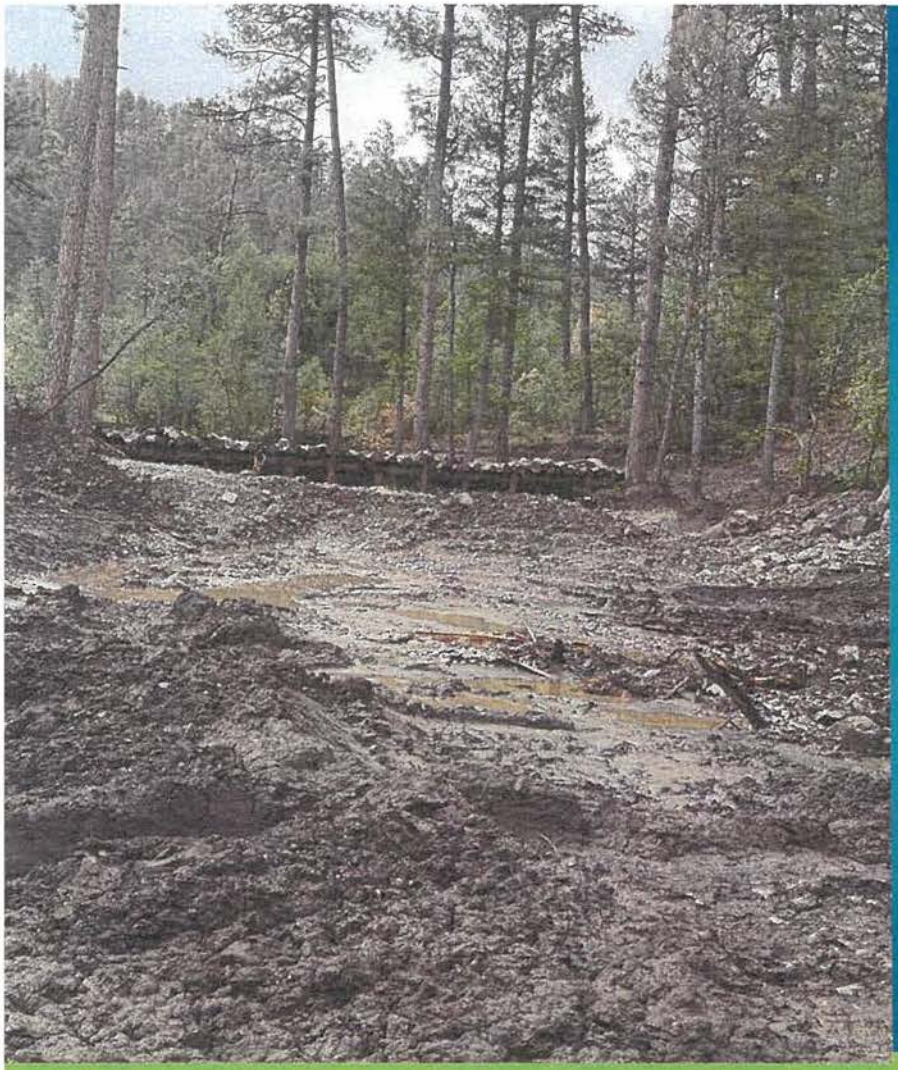


NCDE Assessment and Prioritization

Natural Channel Design

Trash Rack construction In Bear Canyon

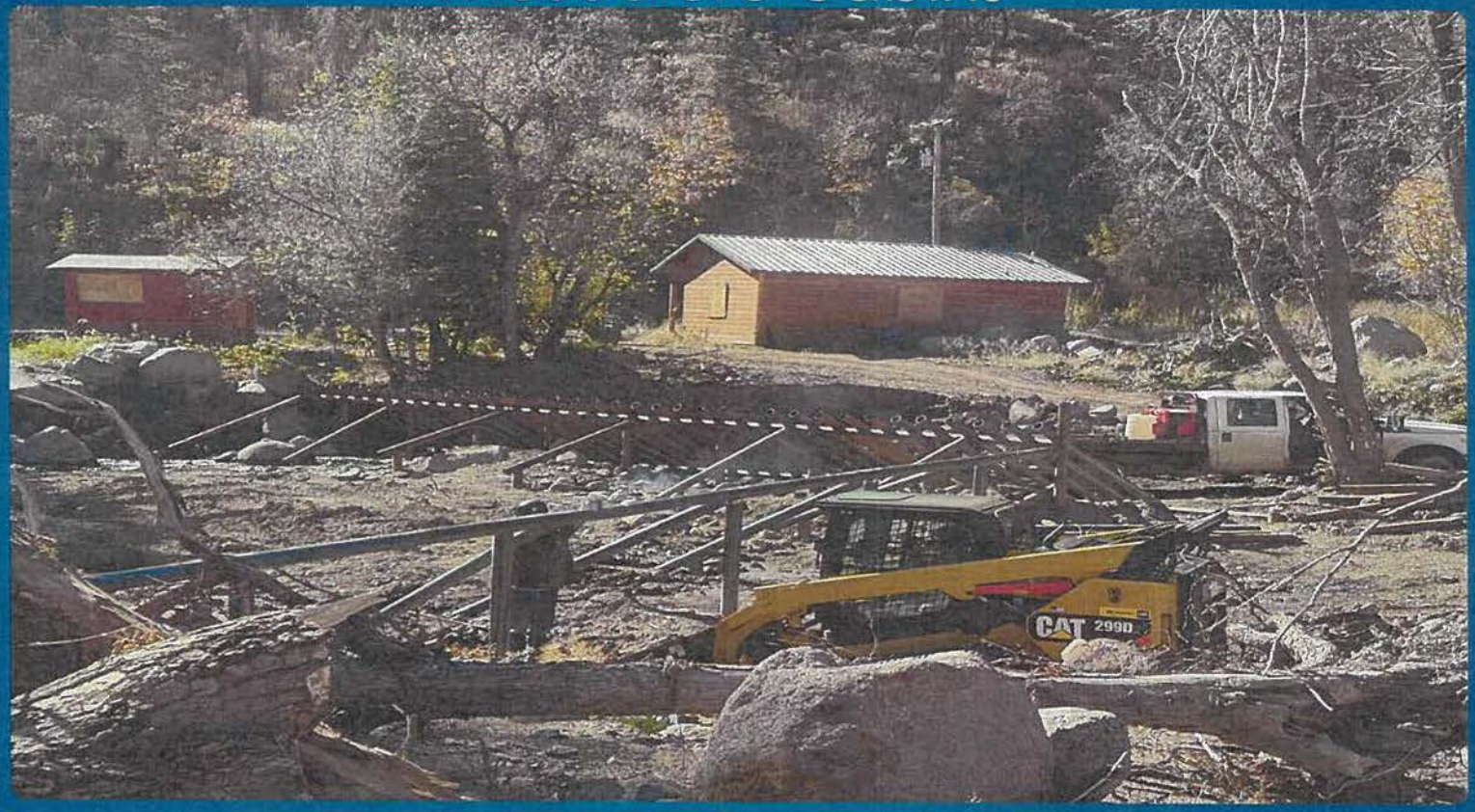
Natural Channel Design



Bear canyon trash rack holding back large amounts of debris

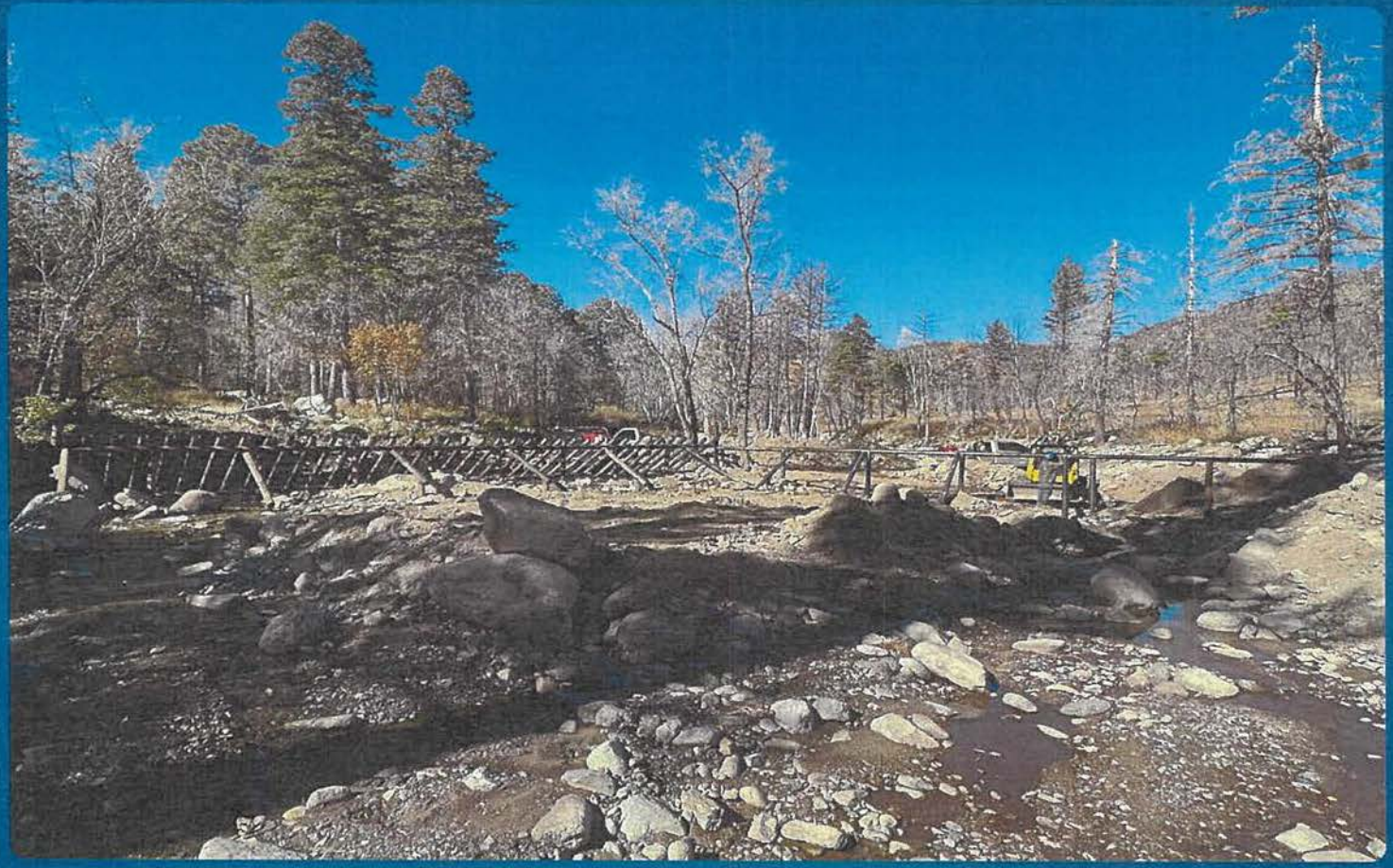
Natural Channel Design

Steel trash rack construction
Mescalero cabins



Natural Channel Design

Mescalero Cabins trash rack construction



Natural Channel Design
Engineering Inc.

Mescalero Cabins trash rack holding back debris

Natural Channel Design

Steel trash rack, Eagle creek under construction

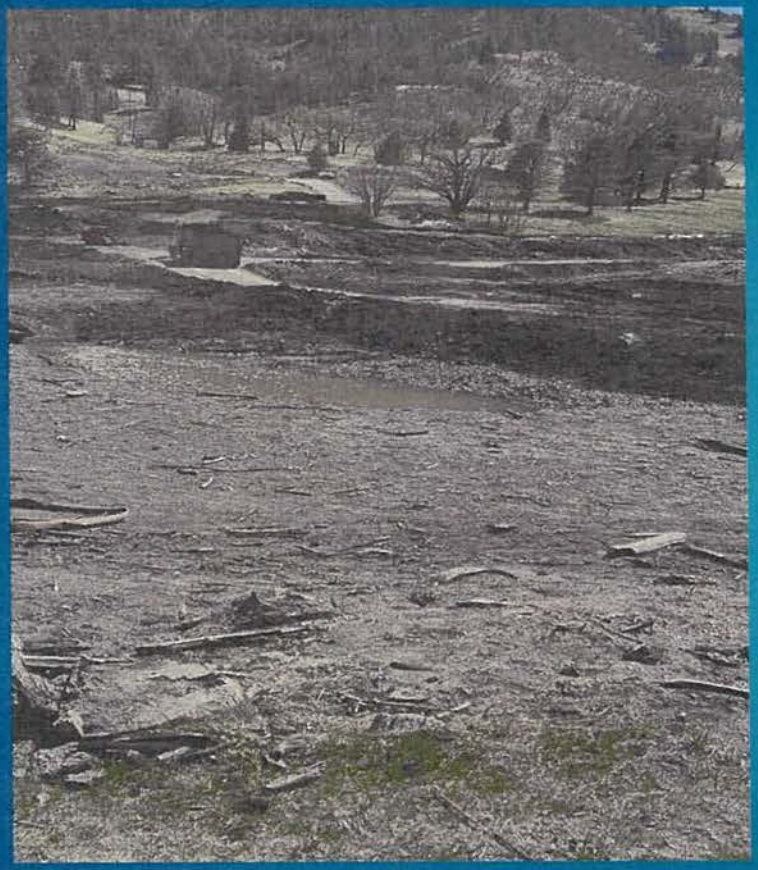
Natural Channel Design

Eagle creek trash rack 90% complete

Natural Channel Design Engineering Inc

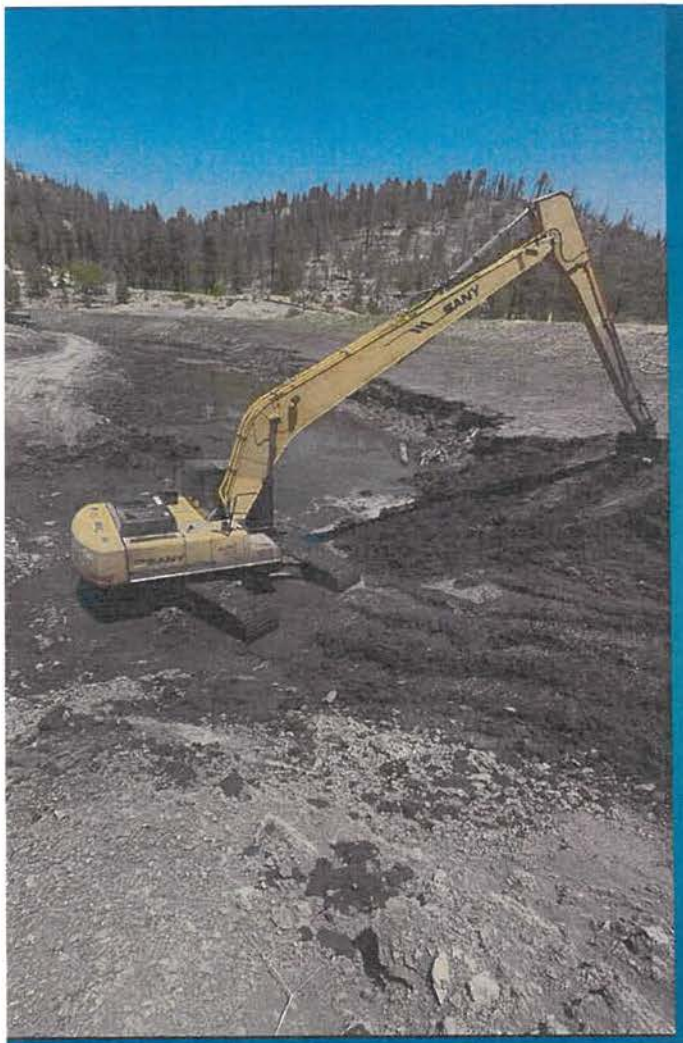
Eagle creek trash rack 100% complete and holding back sediment

Natural Channel Design



Dredging of Bottom Eagle Lake

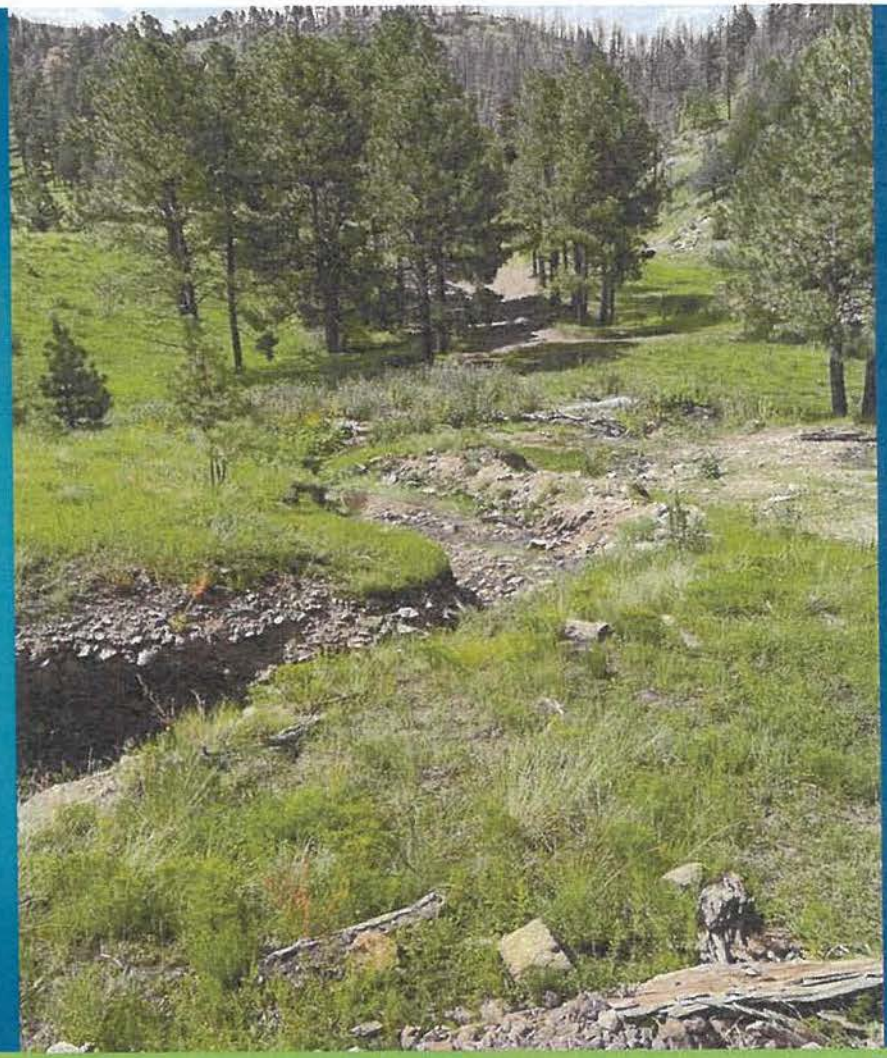
Natural Channel Design Engineering Inc.



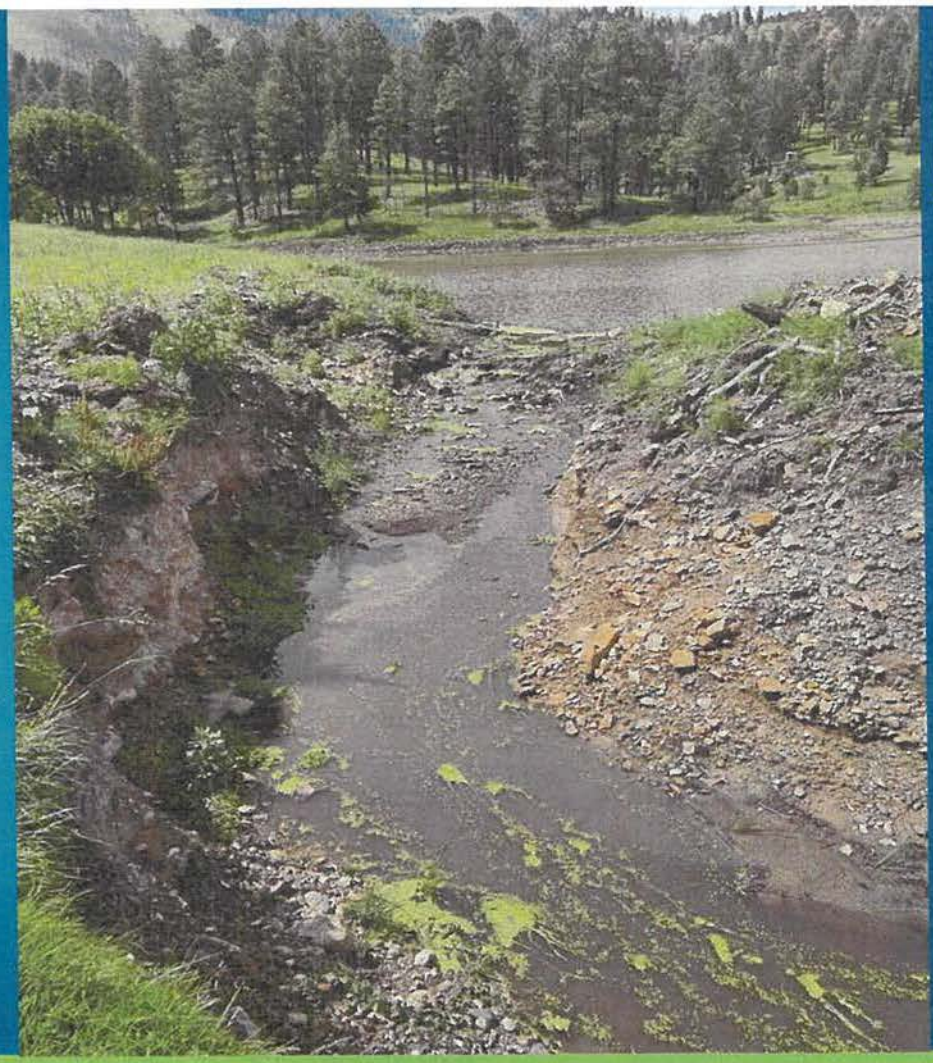
Long reach
excavator
dredging bottom
Eagle Lake

NCDE Assessment and
Prioritization

Spill way at the bottom Eagle Lake before construction



Bottom Eagle Lake Spill Way before construction.



Natural Channel Design

Bottom Eagle lake Spillway after construction

Wet Land between upper and lower Eagle Lakes

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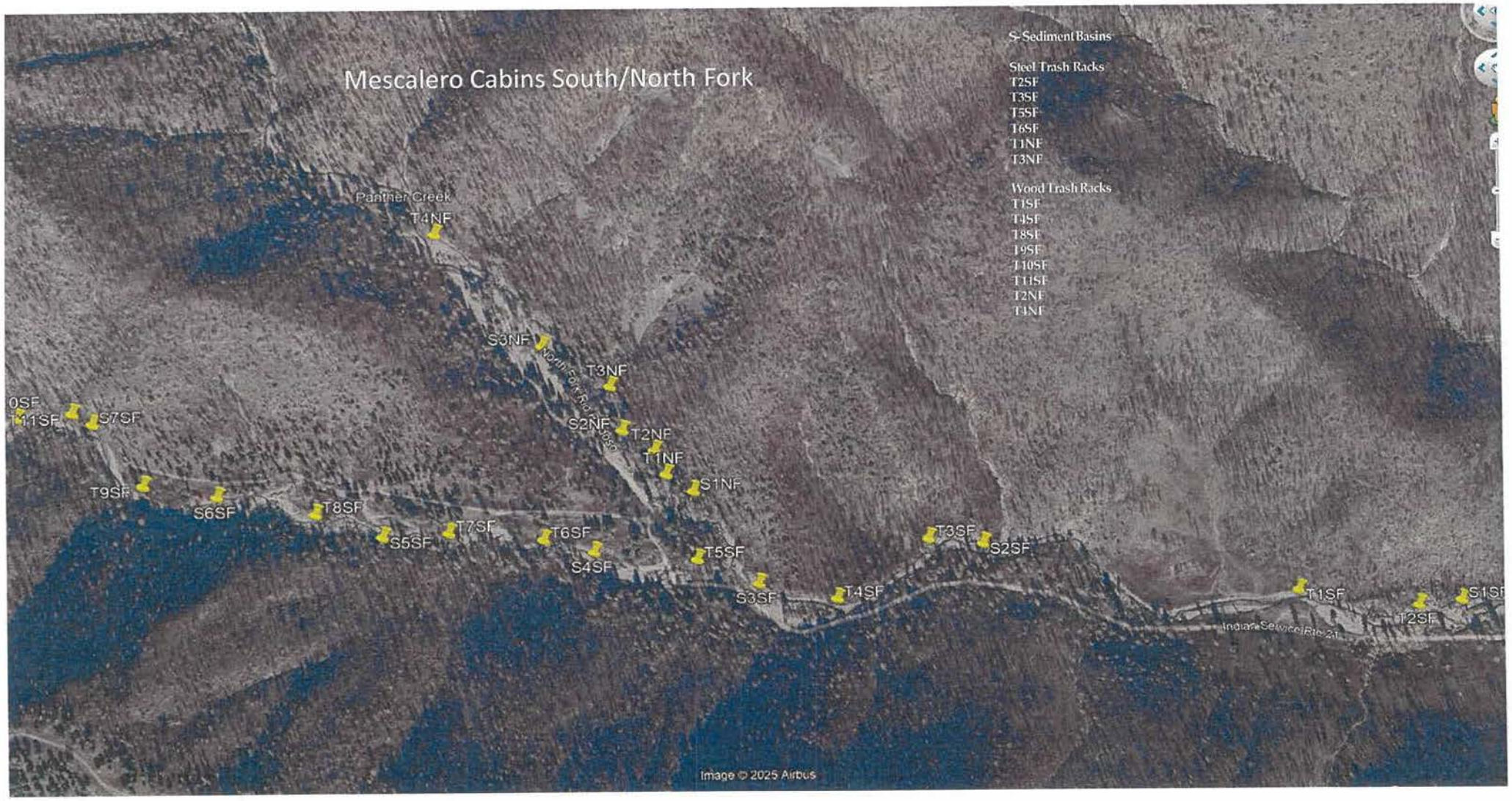
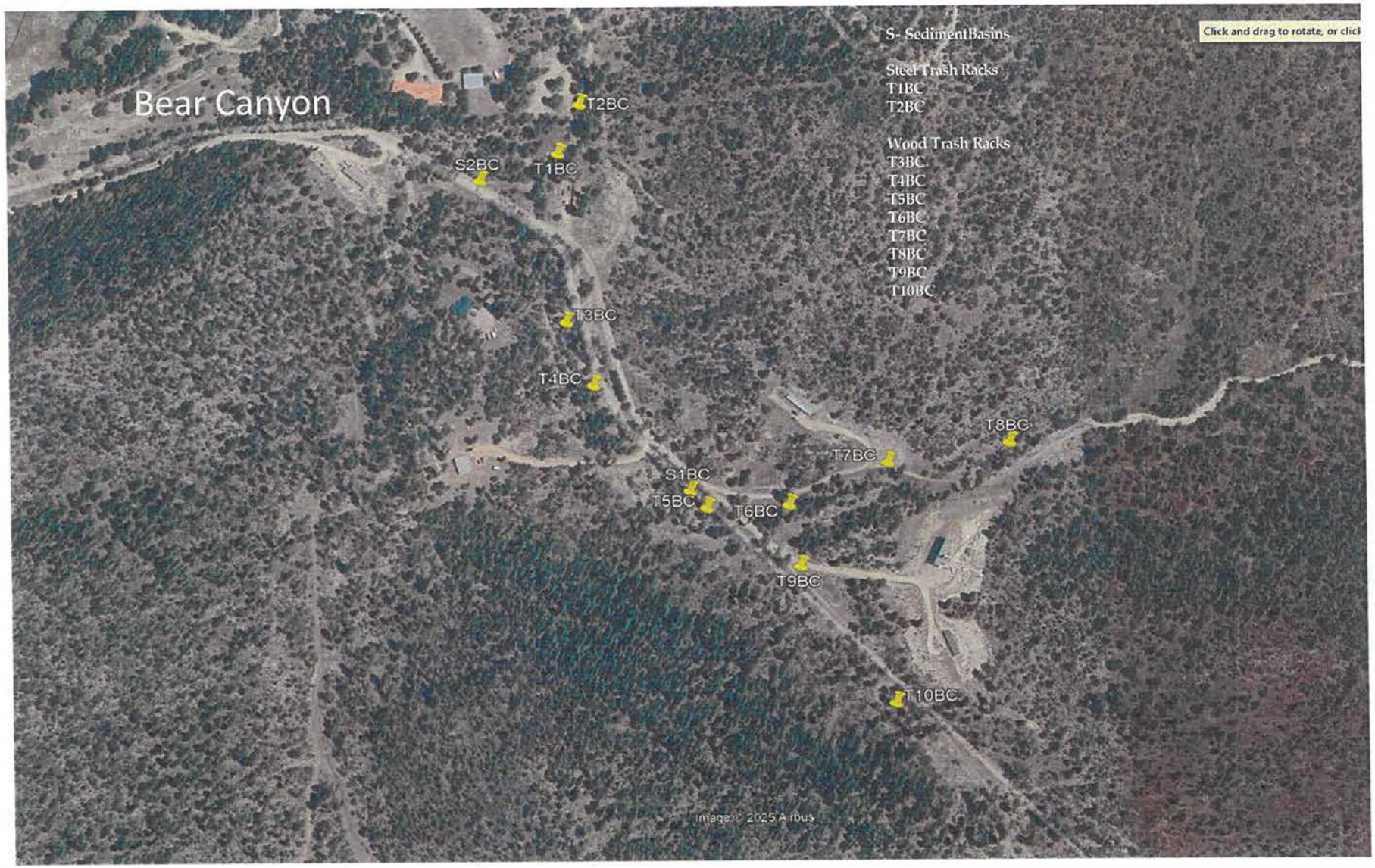
New 2026 proposed NRCS EWP projects


Mescalero Cabins South/North Fork
S- Sediment Basins
Steel Trash Racks
T2SF
T3SF
T5SF
T6SF
T1NF
T3NF
Wood Trash Racks
T1SF
T4SF
T8SF
T9SF
T10SF
T11SF
T2NF
T1NF
Panther Creek
T4NF
S3NF
T3NF
S2NF
T2NF
T1NF
S1NF
T9SF
S6SF
T8SF
T7SF
S5SF
T6SF
S4SF
T5SF
T3SF
S2SF
S3SF
T4SF
T1SF
T2SF
Image © 2025 Airbus

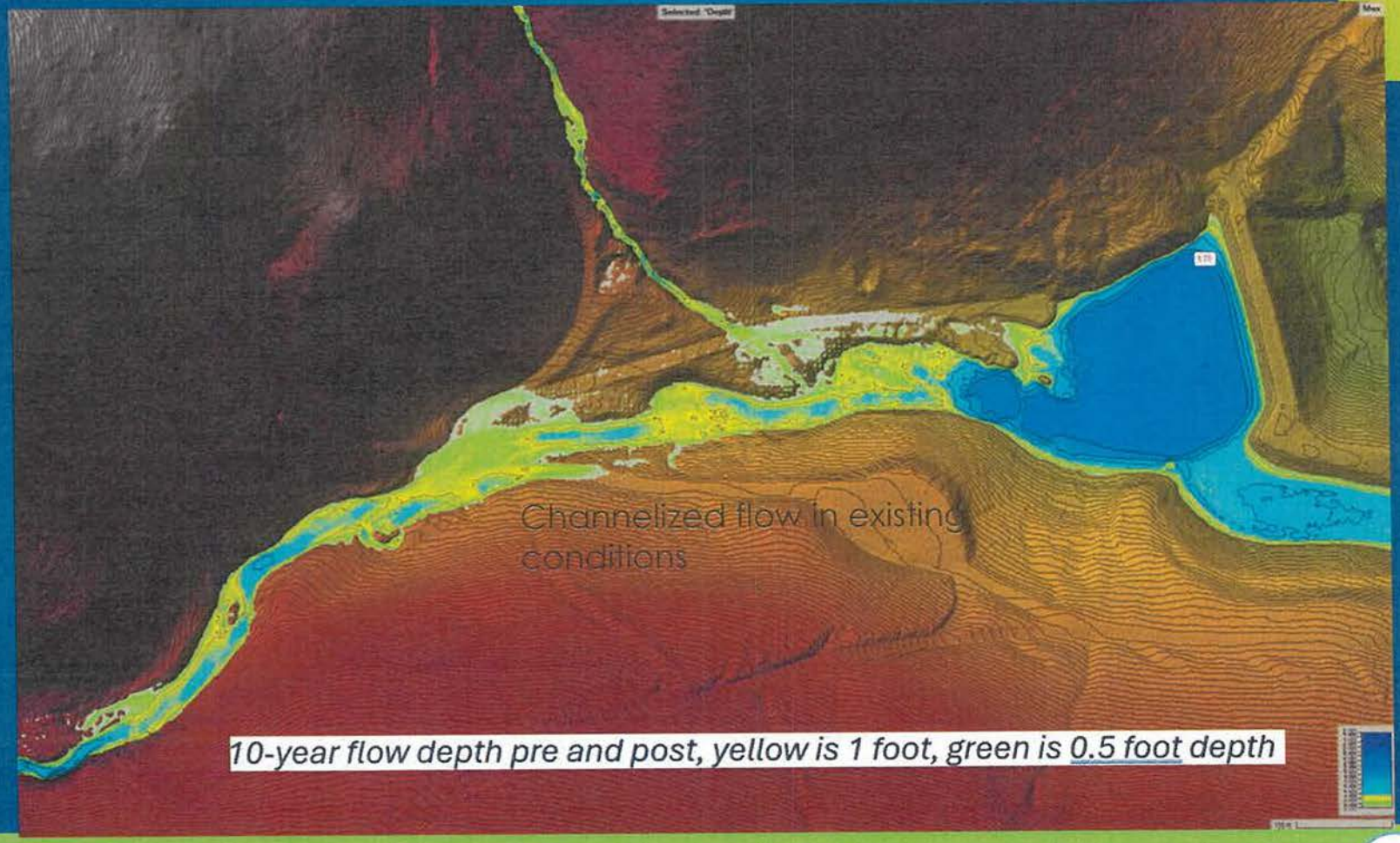

Bear Canyon
S- SedimentBasins
Steel Trash Racks
T1BC
T2BC
Wood Trash Racks
T3BC
T4BC
T5BC
T6BC
T7BC
T8BC
T9BC
T10BC
Click and drag to rotate, or click
T2BC
S2BC
T1BC
T3BC
T4BC
T8BC
T7BC
S1BC
T5BC
T6BC
T9BC
T10BC
Image © 2025 Airbus


HWY 70 Cherokee Bill
70
Sediment removal or sediment basin
Hwy 70 E
Sediment removal or sediment basin

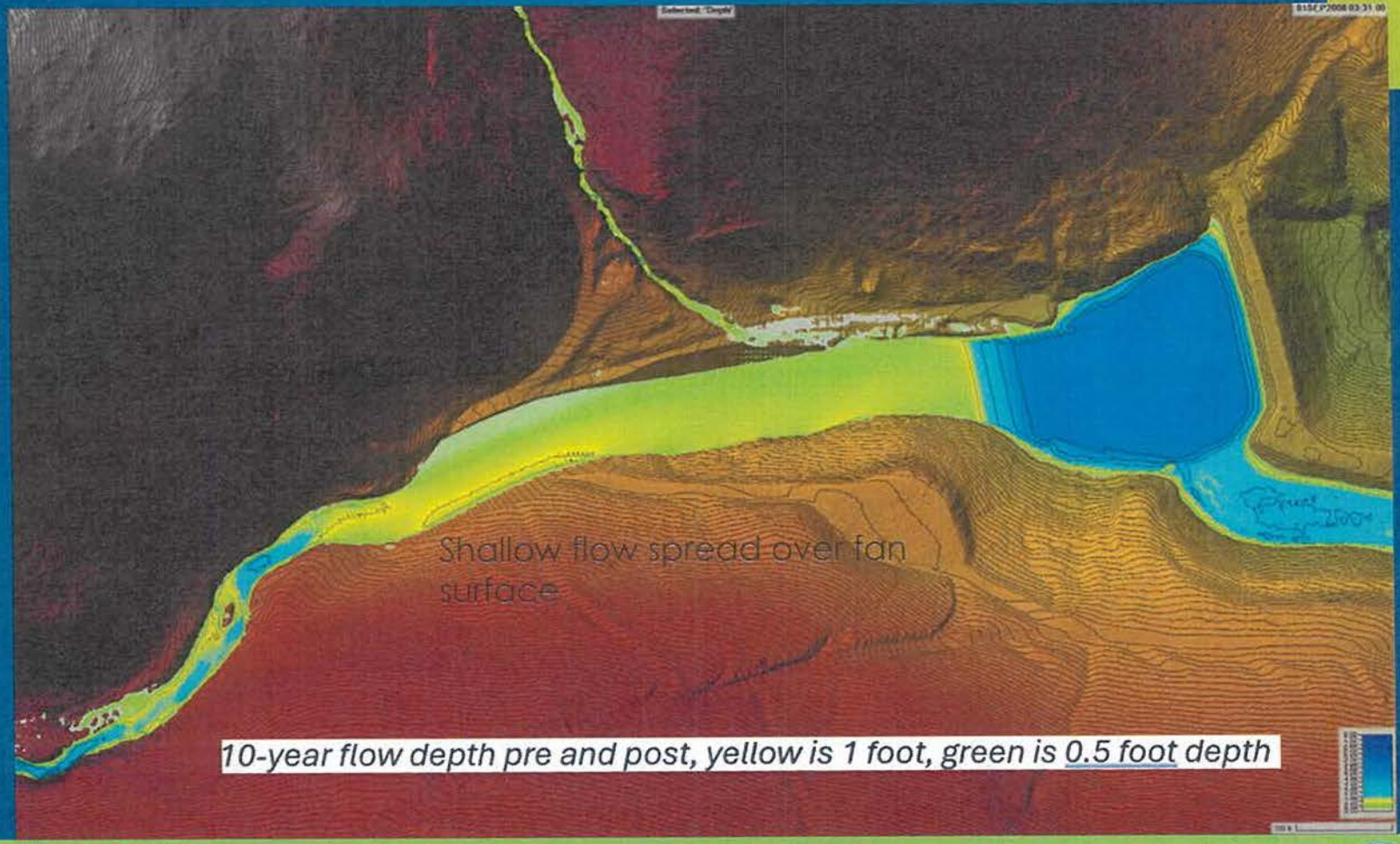

HWY 70 Fence Canyon
Hwy 70 E
Fence Canyon
Sediment removal or sediment basin

Lidar collected in South Fork, North Fork & Eagle Creek areas

10-yr storm, depth plot over existing conditions (2025 LIDAR)



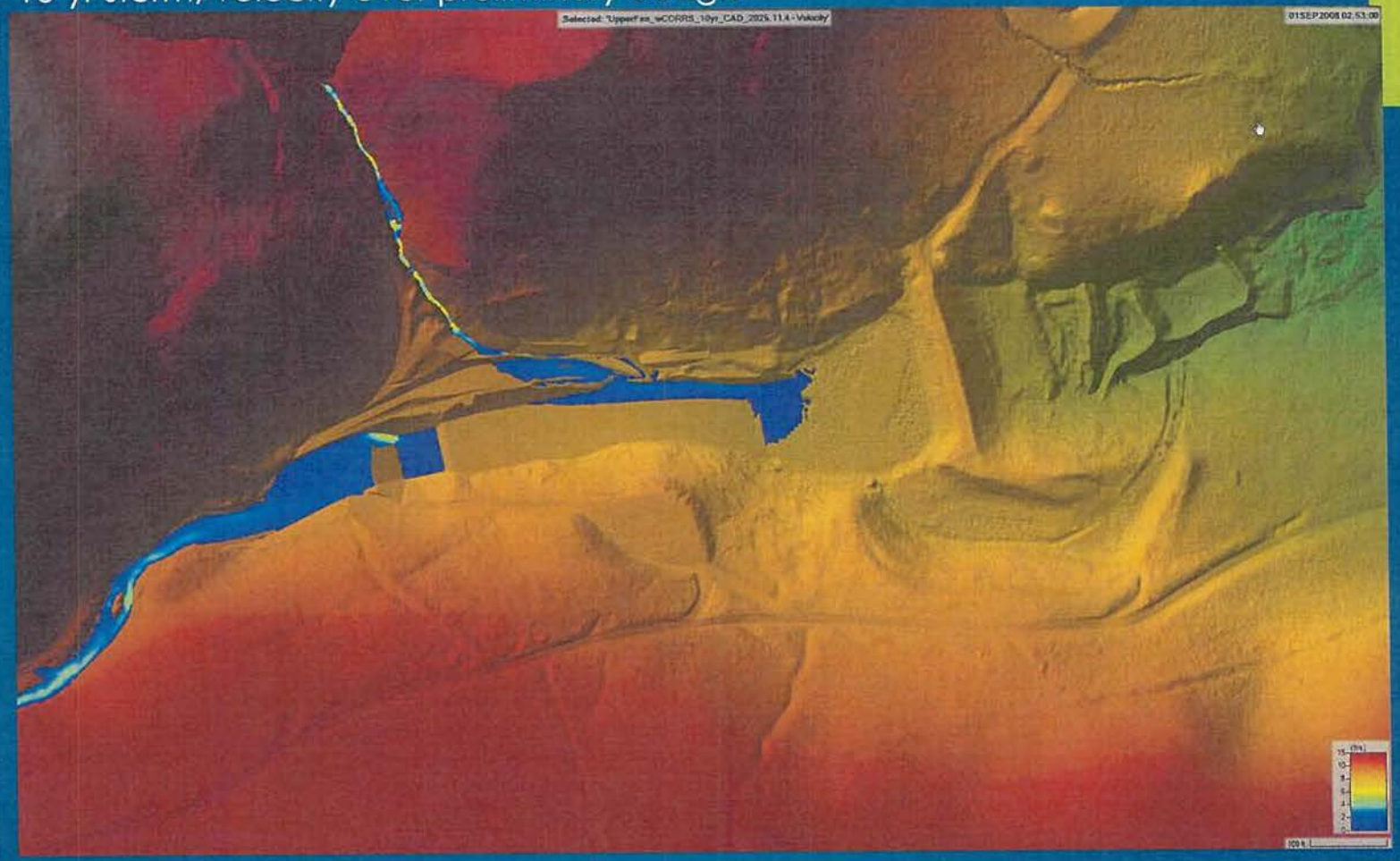
10-yr storm, depth plot over preliminary design



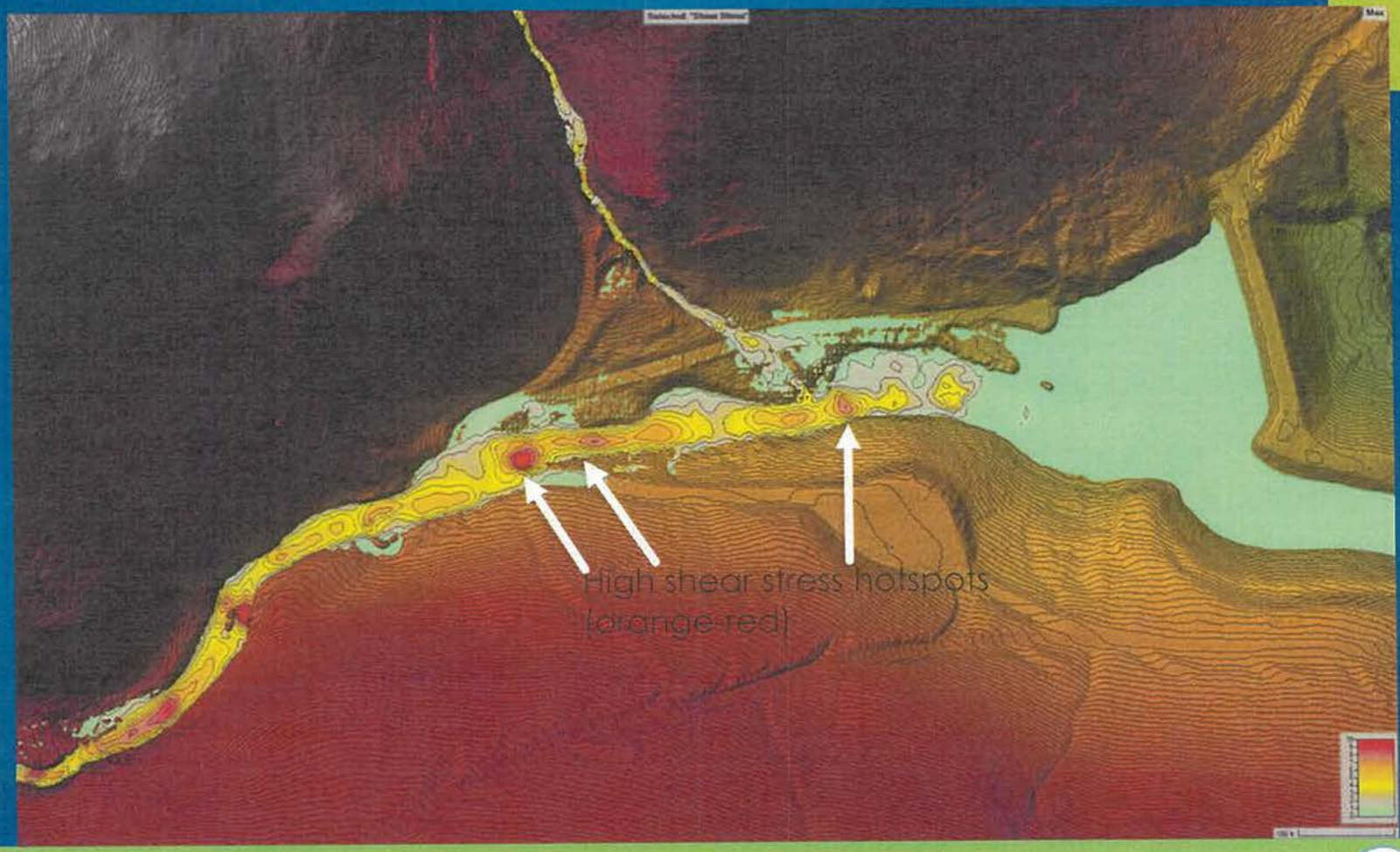
10-year flow depth pre and post, yellow is 1 foot, green is 0.5 foot depth

Natural Channel Design Engineering Inc

10-yr storm, velocity over preliminary design

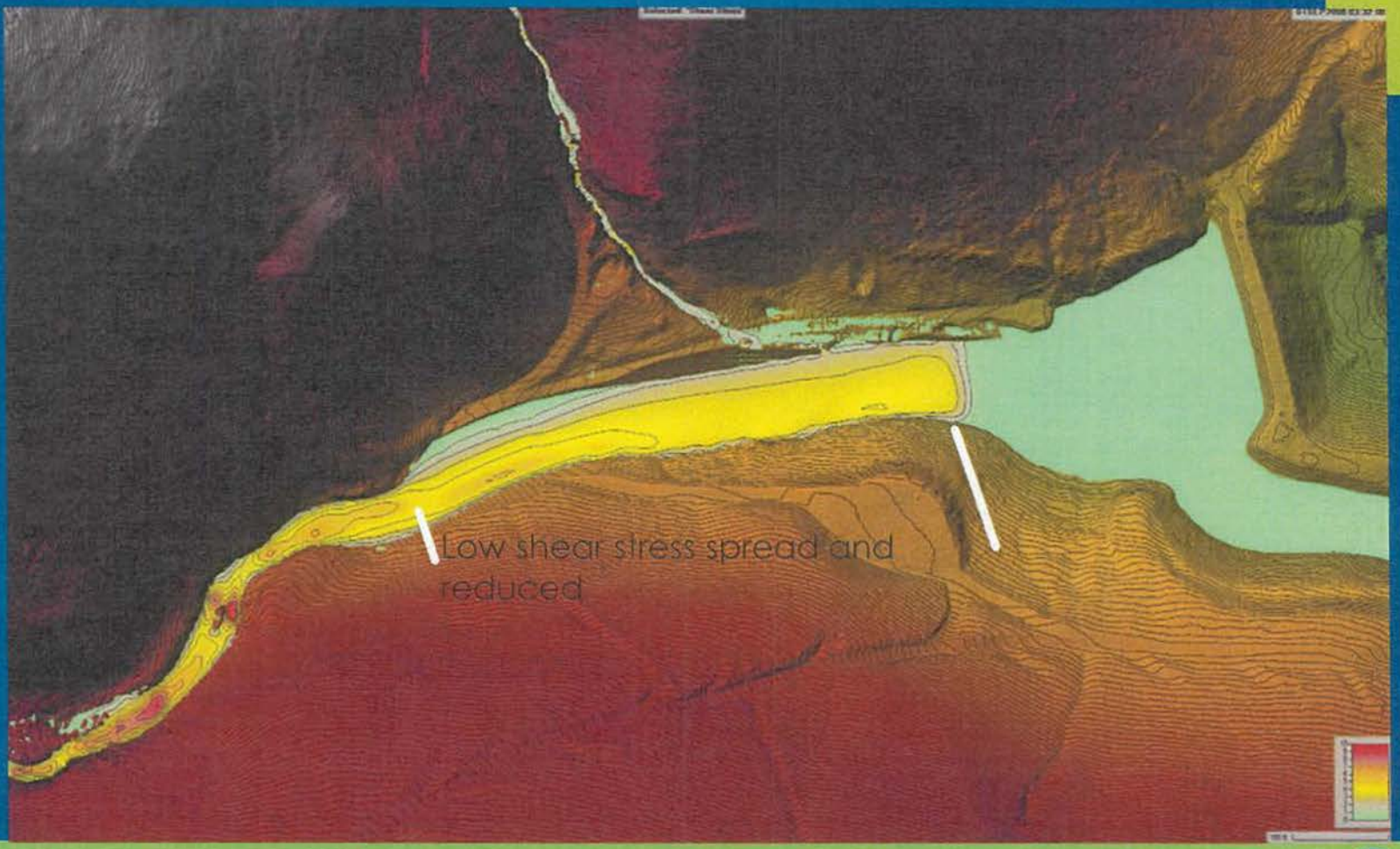


10-yr storm, shear plot over existing conditions (2025 LIDAR)



Natural Channel Design

10-yr storm, shear plot over existing conditions (2025 LIDAR)



Natural Channel Design

Rio Ruidoso Fan 1 North (Cow canyon)

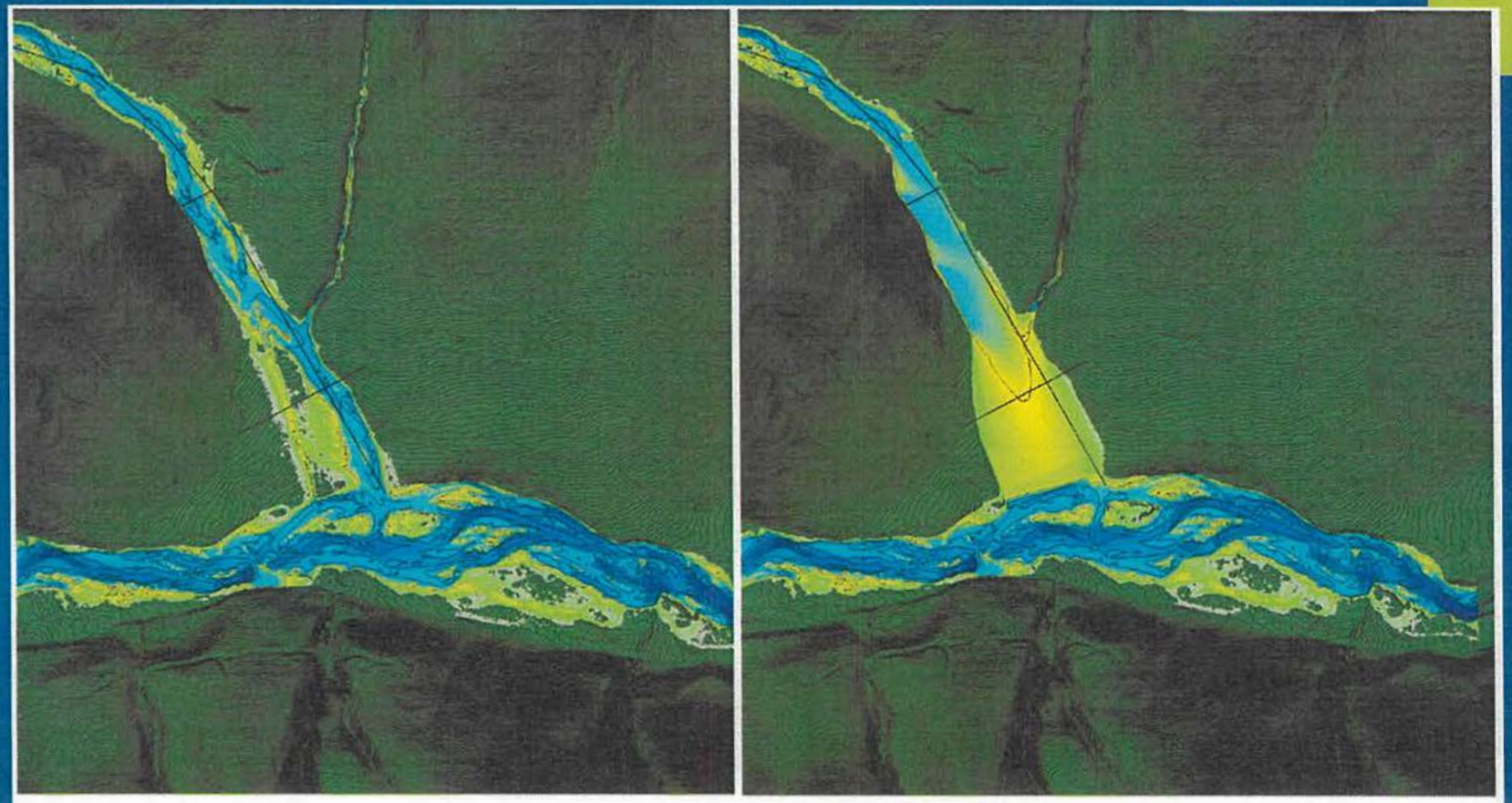


Figure 2 10-year flow depth pre and post, yellow is 1 foot, green is 0.5 foot depth

Rio Ruidoso Fan 1 North (Cow Canyon)

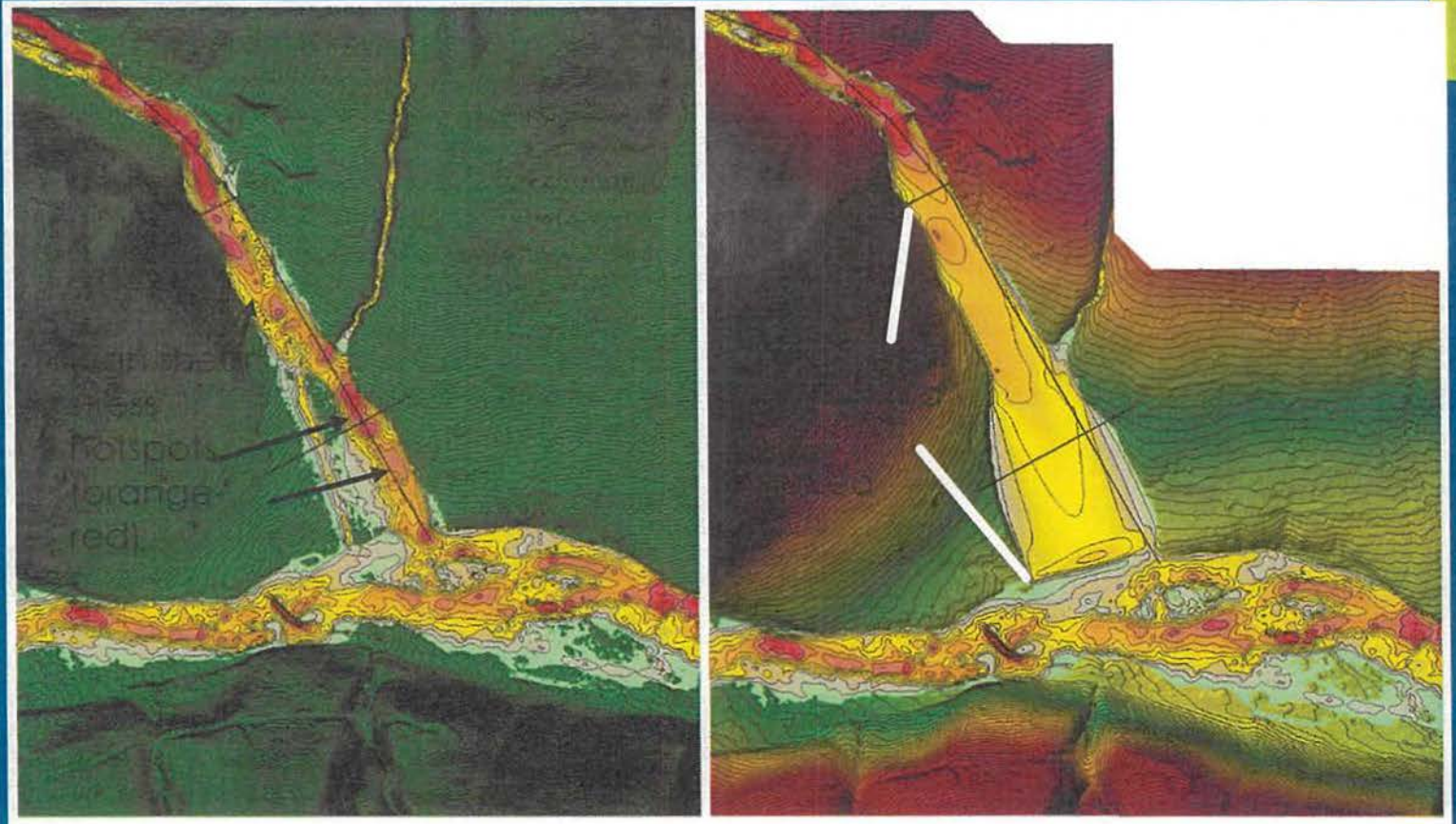


Figure 3 Shear stress at the 10-year event