

SKY RANCH TMC PRESENTATION

4-4-2019

Federal Design Team

Area Map

Legend

• City

Junction City

Weaverville

Trinity Lake Blvd

Main St 3

299

Douglas City

Google Earth

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N

3 mi

Reach Map

Legend

• City



Google Earth

© 2018 Google

1000 ft



Looking in the downstream direction

Looking in the upstream direction



Looking downstream



Looking upstream

Sky Ranch



Legend



Reach Map

Existing 350 cfs

Legend

• City



Reach Map

Existing 750 cfs

Legend

• City



fish Module Water Depth_ft(11)014:00:00

Google Earth

© 2018 Google

Reach Map

Existing 3000 cfs

Legend

• City



fish Module Water Depth_ft(13) 0:14:00:00

Google Earth

© 2018 Google

Reach Map

Existing 8500 cfs

Legend

• City



Fish Module Water Depth_ft(15) 014:00:00

Google Earth

© 2018 Google

Sky Ranch



Legend



Sky Ranch



Legend

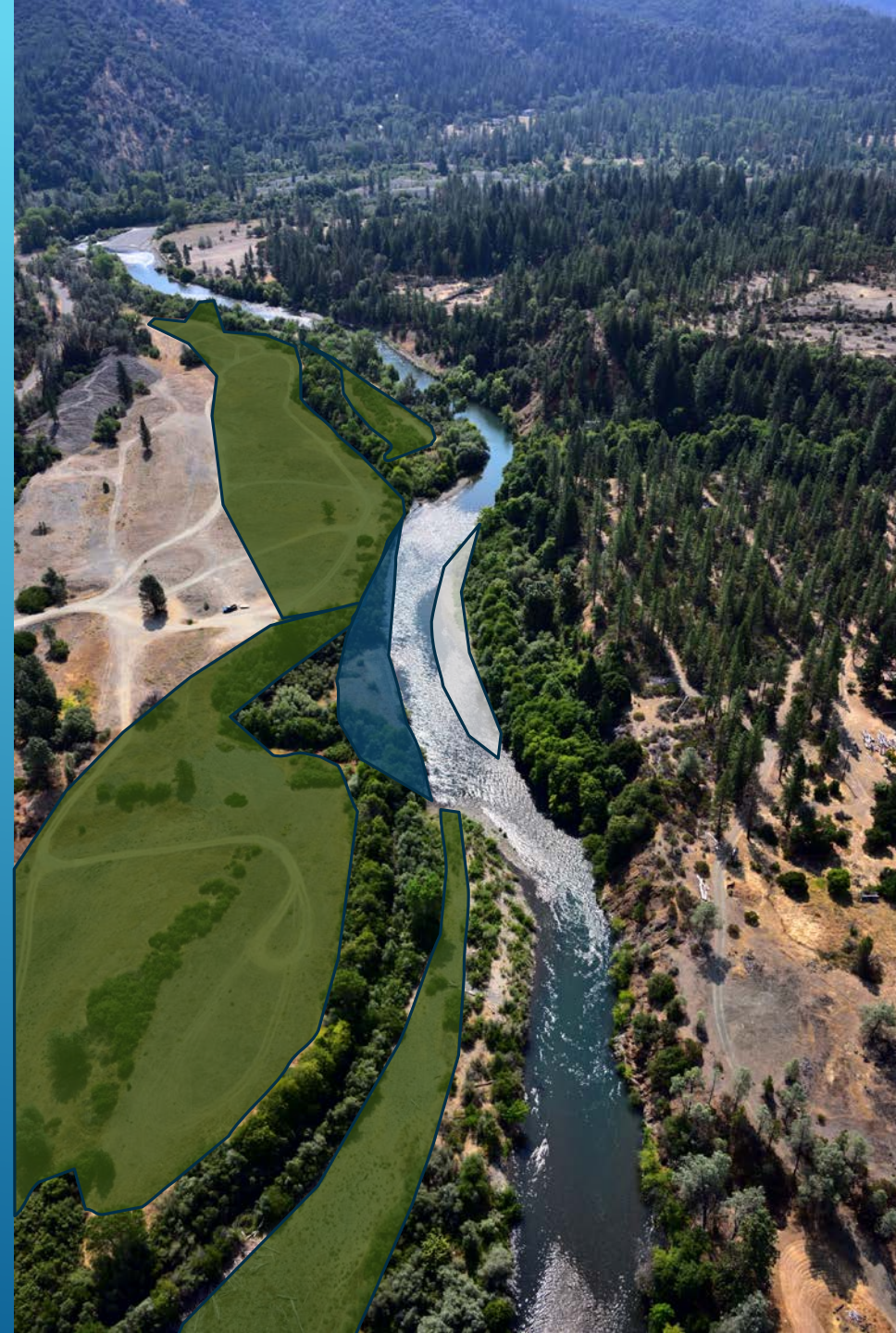
Feature

- Bar Construction
- Bend excavation
- Boat Ramp Access
- Channel expansion
- Constructed bar
- Floodplain
- Habitat Wood
- Lower Haul Road
- Pond
- Rx Island Access
- Spoils
- Terrance Improvement
- Wood racking
- Woodjam

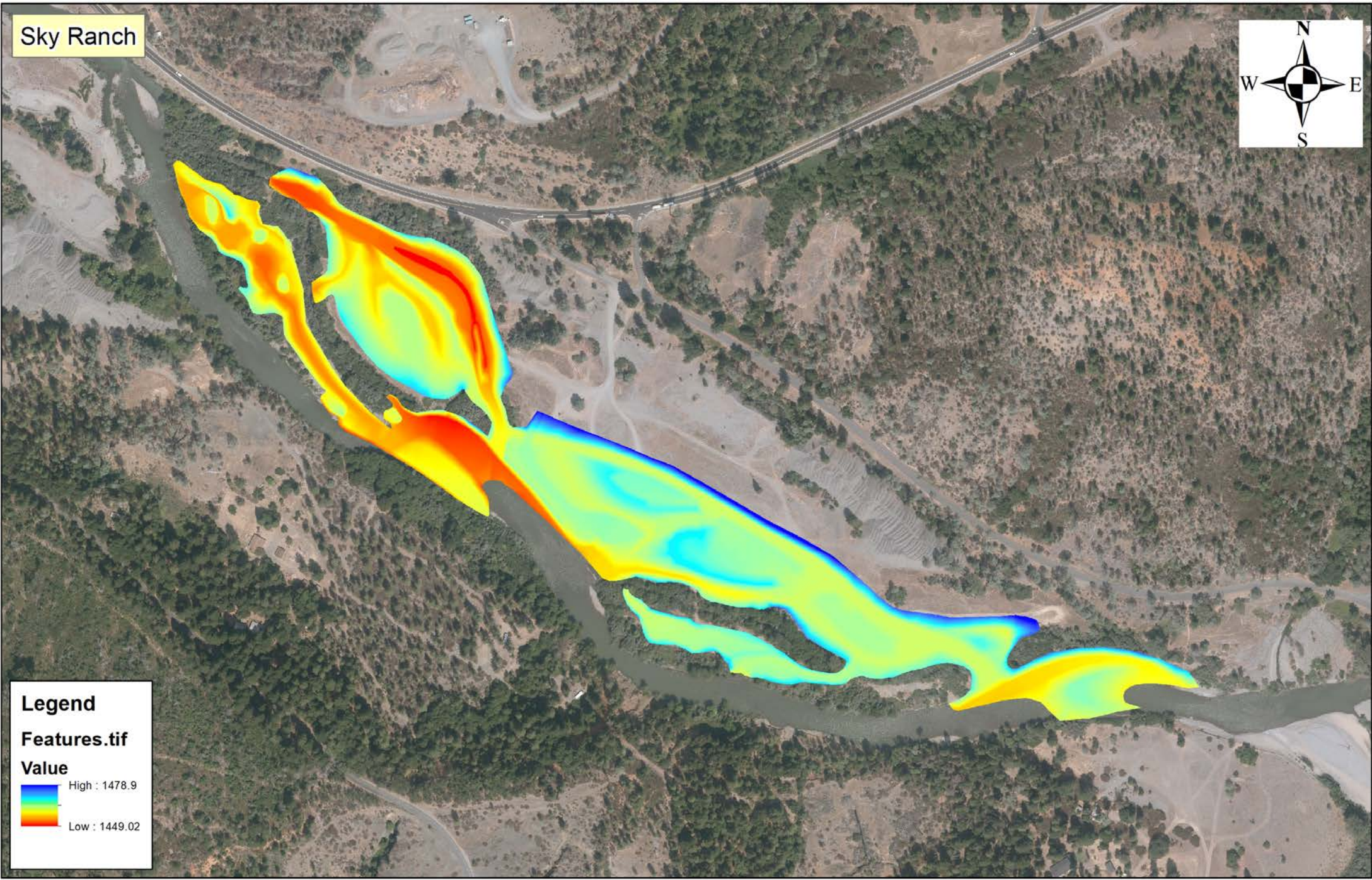








Sky Ranch



Reach Map

Design 350 cfs

Legend

• City



Reach Module Water Depth_ft 0.06.00.00

Google Earth

© 2018 Google

Reach Map

Design 750 cfs

Legend

• City



fish Module Water Depth_ft(3) 0-14:00:00

Google Earth

© 2018 Google

Reach Map

Design 3000 cfs

Legend

• City



ish Module Water Depth_ft(5) 0-14:00:00

Google Earth

© 2018 Google

Reach Map

Design 8500 cfs

Legend

• City



Sky Ranch



Legend



Sky Ranch



Legend

Feature

- Bar Construction
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- ▶ This is a highly visible site characterized by high barren floodplains mostly on public lands.
- ▶ The proposed restoration treatment primarily comprised of floodplain lowering and two in-channel modifications to promote riparian vegetation recruitment and enhanced substrate composition.
- ▶ Challenges include: navigating the multi-agency land transfer, locating suitable upland placement sites, navigating the mining claim interests, and maintaining a suitable boat launch.

SUMMARY