

APPENDIX A

REPRESENTATIVE AREA PHOTOS

- SMUD UARP Gerle Canal Entrainment Study Photos, Dave Hanson, Mike Mainz, Scott Wilcox, Jann Williams, April 11, 2003
- SMUD UARP Upper South Fork Rubicon at T-Line Crossing, Scott Wilcox, Dave Hanson, November 26, 2003
- SMUD UARP Upper South Fork Rubicon, Stone Cellar Area: Fish Reconnaissance, Joe Davis, Scott Wilcox, Jann Williams, September 20, 2004
- SMUD Gerle Canal Fish Salvage, Regina Argo, Brent Matsuda, October 11, 2004
- SMUD Gerle Canal Fish Salvage, Regina Argo, Brent Matsuda, October 13, 2004

SMUD UARP Gerle Canal Field Trip Photos

Dave Hanson, Mike Meinz,
Scott Wilcox, Jann Williams
April 11, 2003

Gerle Canal

April 11, 2003



99092_03

Head of Gerle Creek Canal at Gerle Creek Reservoir

Gerle Canal

April 11, 2003



99092_04

Gerle Creek Canal overflow structure

Gerle Canal

April 11, 2003



99092_06

Loon Lake Powerhouse outlet to Gerle Creek Reservoir

Gerle Canal

April 11, 2003



99092_07

Upstream face of Head of Gerle Creek Canal entrance

Gerle Canal

April 11, 2003



99092_08

Gerle Creek Reservoir

Gerle Canal

April 11, 2003



99092_09

Gerle Creek Reservoir Dam

Gerle Canal

April 11, 2003



99092_10

Gerle Creek Reservoir with Loon Lake Powerhouse outlet on right

Gerle Canal

April 11, 2003



99092_11

Head of Gerle Creek Canal looking downstream

Gerle Canal

April 11, 2003



99092_12

Tributary inflow and backwater area on Gerle Creek Canal

Gerle Canal

April 11, 2003



99092_13

Tributary inflow to Gerle Creek Canal

Gerle Canal

April 11, 2003



99092_14

Gerle Creek Canal

Gerle Canal

April 11, 2003



99092_15

Robbs Peak Reservoir

Gerle Canal

April 11, 2003



99092_16

Robbs Peak Powerhouse intake

SMUD UARP

Upper South Fork Rubicon at T-Line Crossing: Habitat Mapping Photos

Dave Hanson, Scott Wilcox
November 26, 2003

Upper South Fork Rubicon

November 26, 2003



IMG_2075

Habitat Unit #1, shallow pool (frozen).

Upper South Fork Rubicon

November 26, 2003



IMG_2076

Habitat Unit #4, run (frozen).

Upper South Fork Rubicon

November 26, 2003



IMG_2077

Habitat Unit #6, pool (2 feet average depth) (frozen).

Upper South Fork Rubicon

November 26, 2003



IMG_2078

Habitat Unit #7, low gradient riffle.

Upper South Fork Rubicon

November 26, 2003



Habitat Unit # 12, shallow pool (1 ft average depth).

Upper South Fork Rubicon

November 26, 2003



IMG_2080

Habitat Unit # 12, shallow pool (1 ft average depth).

Upper South Fork Rubicon

November 26, 2003



IMG_2081

Habitat Unit #14, shallow pool (2 ft maximum depth, 4-6 inches of ice).

Upper South Fork Rubicon

November 26, 2003



IMG_2082

Close-up of substrate under ice. Note clarity of ice.

Upper South Fork Rubicon

November 26, 2003



IMG_2083

Habitat Unit #15, low gradient riffle (frozen).

Upper South Fork Rubicon

November 26, 2003



IMG_2084

Habitat Unit #16, low gradient riffle.

Upper South Fork Rubicon

November 26, 2003



IMG_2085

Rivulets of open water in riffle where ice forms. Taken near Habitat Unit #16.

Upper South Fork Rubicon

November 26, 2003



IMG_2086

At fish site, looking downstream at low gradient riffle, upstream near top net.

Upper South Fork Rubicon

November 26, 2003



IMG_2087

At fish site, looking downstream at low gradient riffle, upstream near top net.

SMUD UARP

Upper South Fork Rubicon, Stone Cellar Area: Fish Reconnaissance

Joe Davis, Scott Wilcox, Jann Williams
September 20, 2004

Upper South Fork Rubicon

September 20 2004



IMGP0078

Inflow of South Fork Rubicon River to Robbs Peak Reservoir.

Upper South Fork Rubicon

September 20 2004



IMGP0079

South Fork Rubicon River 0.1 mile upstream of Robbs Peak Reservoir.

Upper South Fork Rubicon

September 20 2004



IMGP0080

South Fork Rubicon River 0.1 mile upstream of Robbs Peak Reservoir. Dispersed camping area.

Upper South Fork Rubicon

September 20 2004



IMGP0081

South Fork Rubicon River 0.1 mile upstream of Robbs Peak Reservoir. Dispersed camping area.

Upper South Fork Rubicon

September 20 2004



IMGP0082

Dry channel of South Fork Rubicon River approximately 2.2 miles upstream of Robbs Peak Reservoir.

Upper South Fork Rubicon

September 20 2004



IMG0083

Dry channel of South Fork Rubicon River approximately 2.3 miles upstream of Robbs Peak Reservoir.

Upper South Fork Rubicon

September 20 2004



IMG0084

Isolated pool at bedrock extrusion, South Fork Rubicon River, approximately 2.5 miles upstream of Robbs Peak Reservoir.



IMGP0085

Largest of isolated pools, South Fork Rubicon River, approximately 2.5 miles upstream of Robbs Peak Reservoir.



IMGP0086

Looking downstream to dry channel from isolated pool, South Fork Rubicon River, approximately 2.5 miles upstream of Robbs Peak Reservoir.

Upper South Fork Rubicon

September 20 2004



IMGP0087

Isolated pool, South Fork Rubicon River, approximately 2.7 miles upstream of Robbs Peak Reservoir.

Upper South Fork Rubicon

September 20 2004



IMGP0088

Dry channel, South Fork Rubicon River, approximately 2.7 miles upstream of Robbs Peak Reservoir.

Upper South Fork Rubicon

September 20 2004



IMG0089

Isolated pool (tree frog observed) near Stone Cellar, South Fork Rubicon River, approximately 2.8 miles upstream of Robbs Peak Reservoir.

Upper South Fork Rubicon

September 20 2004



IMG0096

Dry stream channel, South Fork Rubicon River, approximately 2.9 miles upstream of Robbs Peak Reservoir.

Upper South Fork Rubicon

September 20 2004



IMGP0097

Isolated pool, South Fork Rubicon River, approximately 3.0 miles upstream of Robbs Peak Reservoir.

Upper South Fork Rubicon

September 20 2004



IMGP0098

Part of north branch of South Fork Rubicon River heading north, above confluence with south branch, approximately 3.4 miles upstream of Robbs Peak Reservoir.



IMGP0099

At trail, north branch of South Fork Rubicon River heading northeast, approximately 3.5 miles upstream of Robbs Peak Reservoir



IMGP0100

South Fork Rubicon River below north/south branch confluence at trail crossing, approximately 3.4 miles upstream of Robbs Peak Reservoir.



IMGP0101

Southern branch of South Fork Rubicon River at north/south confluence, approximately 3.4 miles upstream of Robbs Peak Reservoir



IMGP0102

Isolated south branch pool, South Fork Rubicon River, just above north/south branch confluence, approximately 3.4 miles upstream of Robbs Peak Reservoir.

SMUD Gerle Canal Fish Salvage

Regina Argo, Brent Matsuda
October 11, 2004

Gerle Canal Fish Salvage

October 11, 2004



IMG_3573

Brent Matsuda e-fishing, Stuart Husband (SMUD) netting, in Gerle Canal, approximately 0.25 mile downstream of Gerle Creek Reservoir



IMG_3574

Facing downstream into Gerle Canal one day after closing the Gerle Canal gate.



IMG_3575

Facing upstream into Gerle Canal one day after closing the Gerle Canal gate.

SMUD Gerle Canal Fish Salvage

Regina Argo, Brent Matsuda
October 13, 2004

Gerle Canal Fish Salvage

October 13, 2004



IMG_3578

Facing upstream into Gerle Canal toward Gerle Creek Reservoir from most upstream bridge. Note water level.



IMG_3579

Facing downstream into Gerle Canal from most upstream bridge, three days after closing the Gerle Canal gate. Note water level.



IMG_3581

Facing downstream into Gerle Canal, one of the few breaks in the Gerle Canal flow during the drawdown of the canal, just upstream of the most upstream tributary.



IMG_3584

Maintenance area, note inflatable dam in center of photo.



IMG_3585

One of the inflatable dams used to block water flow and allow the workers to drain the section for maintenance.

