

10/18/16 Site Tour

12:00 pm--Grab bagged lunches and carpool vehicles.

12:15 pm--Leave ODF. Travel via 395 N, left on J Bar L rd (15 rd) to Parrish Cabin junction on 16 rd. Left (east) on 16 rd to junction of 924 rd (left) in Logan Valley.

Group A--Headwater Sites from 1648 Road

1:15 pm--Arrive at **Stop 1: Lake Creek near Trailhead.**

- Leave at 1:45 pm. Travel south on 924 rd to **Murray Campground (restroom stop)** at junction with 1648 rd.
- Arrive at 1:55 pm
- Leave at 2:10 pm. Travel east on 1648 rd to (left on) 021 rd. Travel north on 021 rd until crossing of Meadow Fork.

2:20 pm--Arrive at **Stop 2: Meadow Fork at Bridge.**

- Leave at 2:35 pm. Travel south on 021 rd to 1648 rd junction. East on 1648 rd, passing crossing of Big Creek, to next creek crossing.

2:50 pm--Arrive at **Stop 3: Bosonberg Creek at 1648 rd.**

- Leave at 3:05 pm. Continue travelling east on 1648 rd to junction with 16 rd.

Group B--Sites in Logan Valley

3:20 pm--Arrive at **Stop 4: Big Creek at 16 rd** (0.10 mi walk down onto FS/Tribal Property Boundary).

- Leave at 3:50 pm. Continue travelling west on 16 rd, past Lake Creek crossing, to McCoy Creek crossing.

3:55 pm--Arrive at **Stop 5: McCoy Creek at 16 rd.**

- Leave at 4:10. Continue West on 16 rd to junction of 1643 rd (left). Travel south on 1643 rd 8 mi to left on 1651 road (signed 'Malheur Ford' at turn).

Group C--Sites on Malheur River & Summit Creek

4:35 pm--Arrive at **Stop 6: Malheur Ford (Restroom available on this side of ford).**

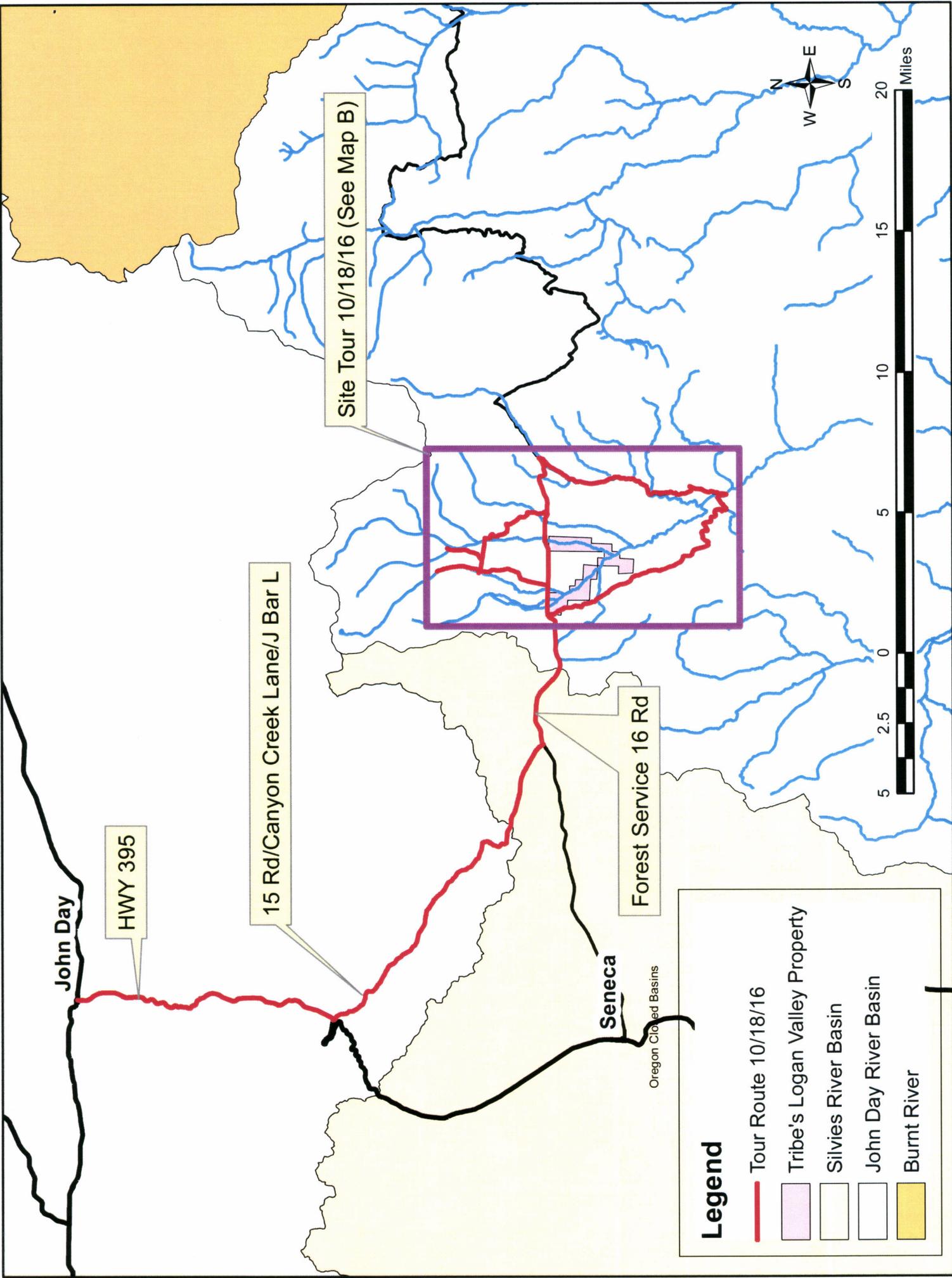
- Leave at 4:55pm. Cross Malheur Ford. Travel north on 1651 rd.

5:15 pm--Arrive at **Stop 7: Summit Creek (Sagehen Exclosure).**

- Leave at 5:30 pm. Travel along Summit Creek on 1651 rd to junction of 16 rd. Travel west on 16 rd and to John Day via 15 rd and HWY 395.

6:30 pm--Arrive in John Day.

Expert Workshop Site Tour 10/18/16--Map A



John Day

HWY 395

15 Rd/Canyon Creek Lane/J Bar L

Site Tour 10/18/16 (See Map B)

Seneca

Forest Service 16 Rd

Oregon Closed Basins

Legend

- Tour Route 10/18/16
- Tribe's Logan Valley Property
- Silvies River Basin
- John Day River Basin
- Burnt River

Expert Workshop Site Tour--Map B

High Lake

Stop 1
(Lake Creek)

Stop 2
(Meadow Fork)

Murray Campground

Stop 3
(Bosonberg Creek)

Stop 5
(McCoy Creek)

Stop 4
(Big Creek)

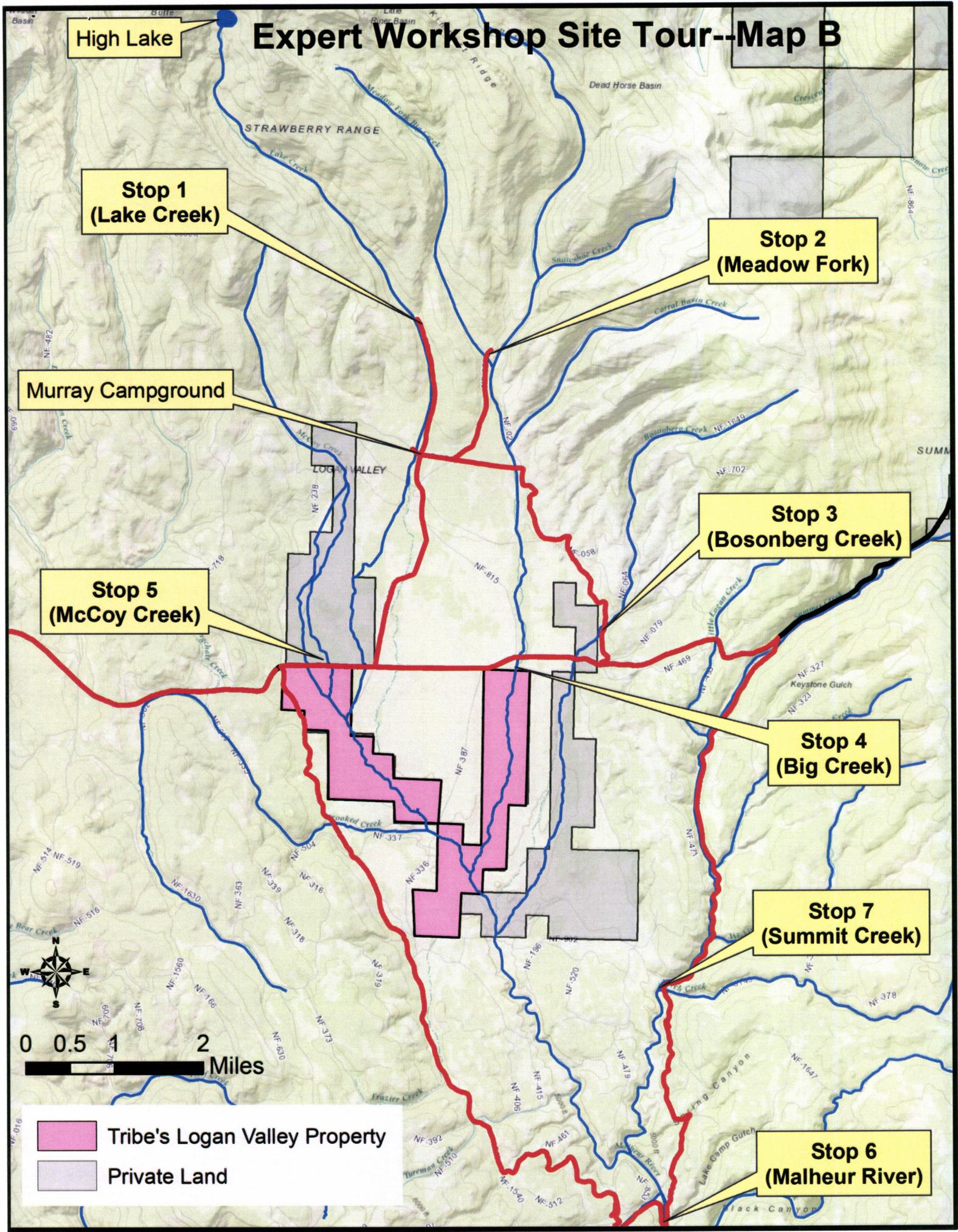
Stop 7
(Summit Creek)

Stop 6
(Malheur River)



0 0.5 1 2 Miles

 Tribe's Logan Valley Property
 Private Land



Stop 1: Lake Creek near Trailhead.

Overview:

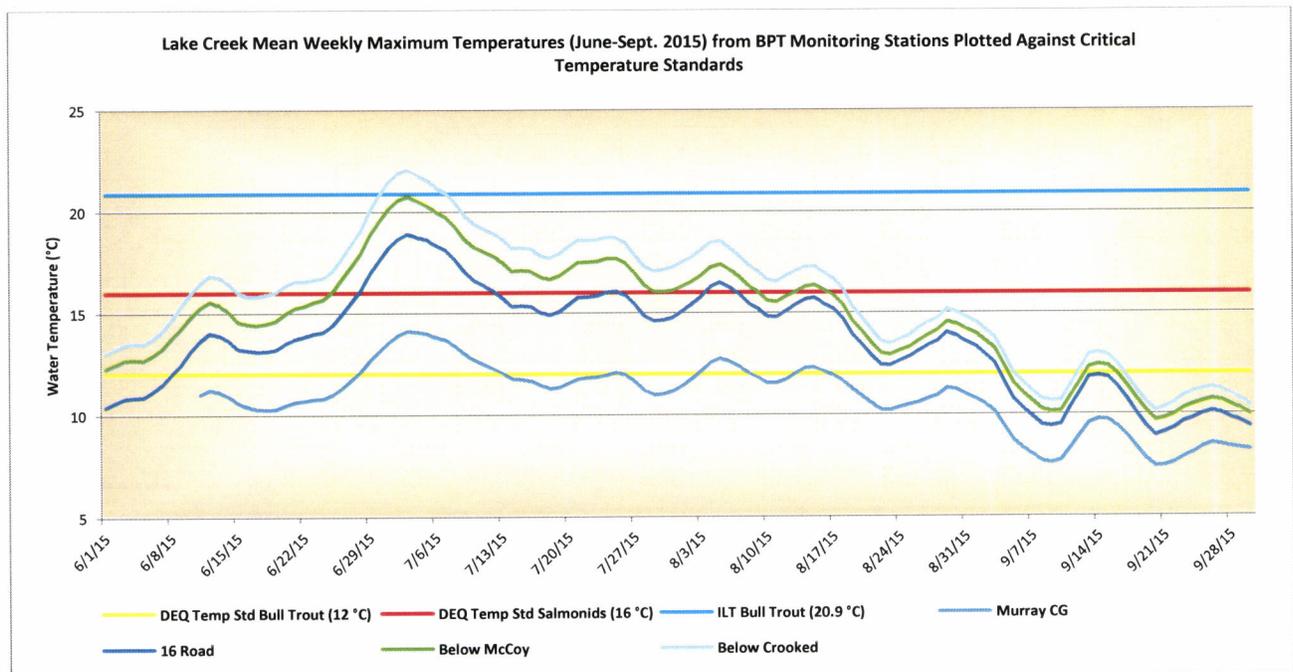
Lake Creek is the stronghold in the basin for Brook Trout. Since 2012, it has been the focus of Burns Paiute Tribe projects mechanically remove Brook Trout. High Lake is a five acre lake that is the source of Lake Creek. Although historically fishless, Brook Trout were stocked into the lake in the 1930s. High Lake and approximately 2.5 km of Lake Creek are located above and impassable barrier known as Lake Creek Falls. This area is entirely located within the Strawberry Mountain Wilderness and now serves as a seed source for Brook Trout to the basin.

A small resident population of Bull Trout is located within Lake Creek although it is threatened by poor habitat and temperature regimes downstream that may be impeding a fluvial life history expression.

Fish Present:

Brook Trout, Bull Trout, Redband Trout, Sculpin, Redside Shiner, Speckled Dace, Longnosed Dace, Bridgelip Sucker, Longnosed Sucker, Mountain Whitefish.

Temperature Profile:



Habitat Concerns:

Riparian Vegetation; Lack of Habitat; Sedimentation; Connectivity; Livestock; Wildfire.

Stop 2: Meadow Fork at Bridge.

Overview:

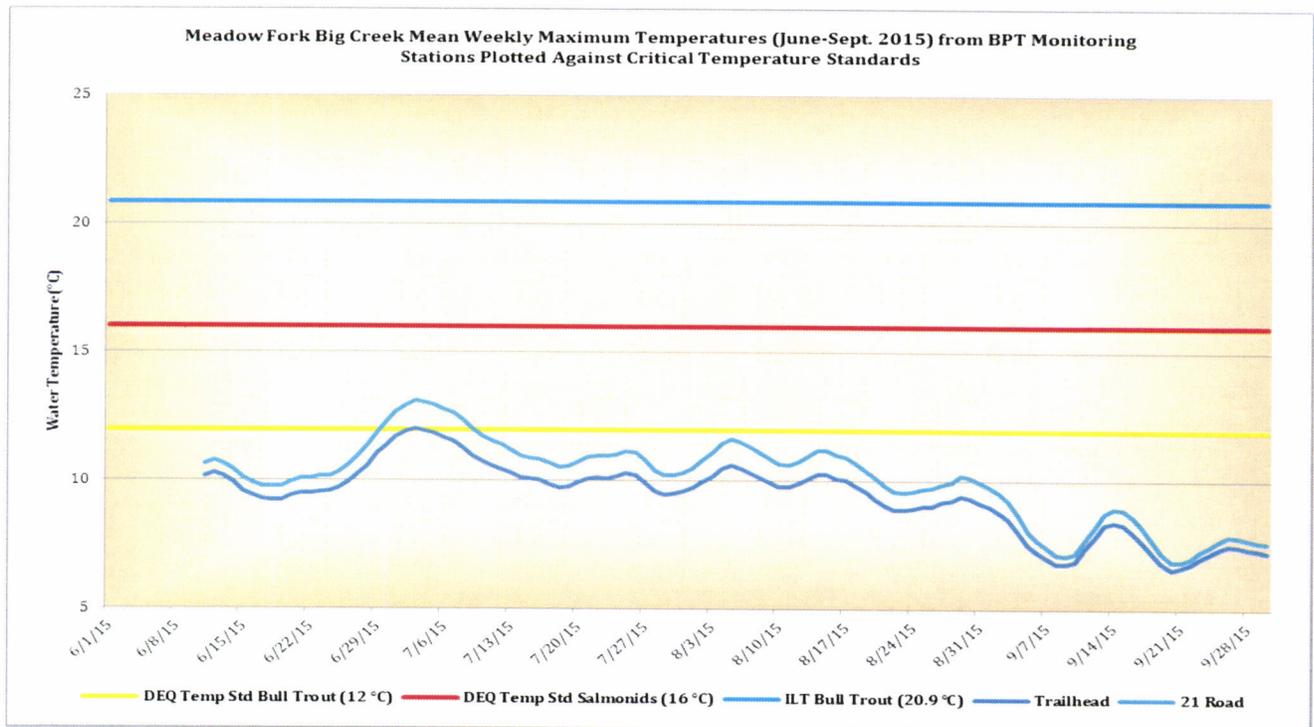
Meadow Fork is a tributary to Big Creek. Although Brook Trout are present in the lower reaches of the stream, Bull Trout are the dominant species. Aided by colder stream temperatures and no seed source above its natural barrier, Meadow Fork is the stronghold for Bull Trout in the Upper Malheur.

Fish Present:

Brook Trout, Bull Trout, Redband Trout, Sculpin.

*(Redside Shiner, Dace, and Suckers were reported in 2001, but have not been reported since)

Temperature Profile:



Habitat Concerns:

Sedimentation; Connectivity; Livestock; Wildfire.

Stop 3: Bosonberg Creek.

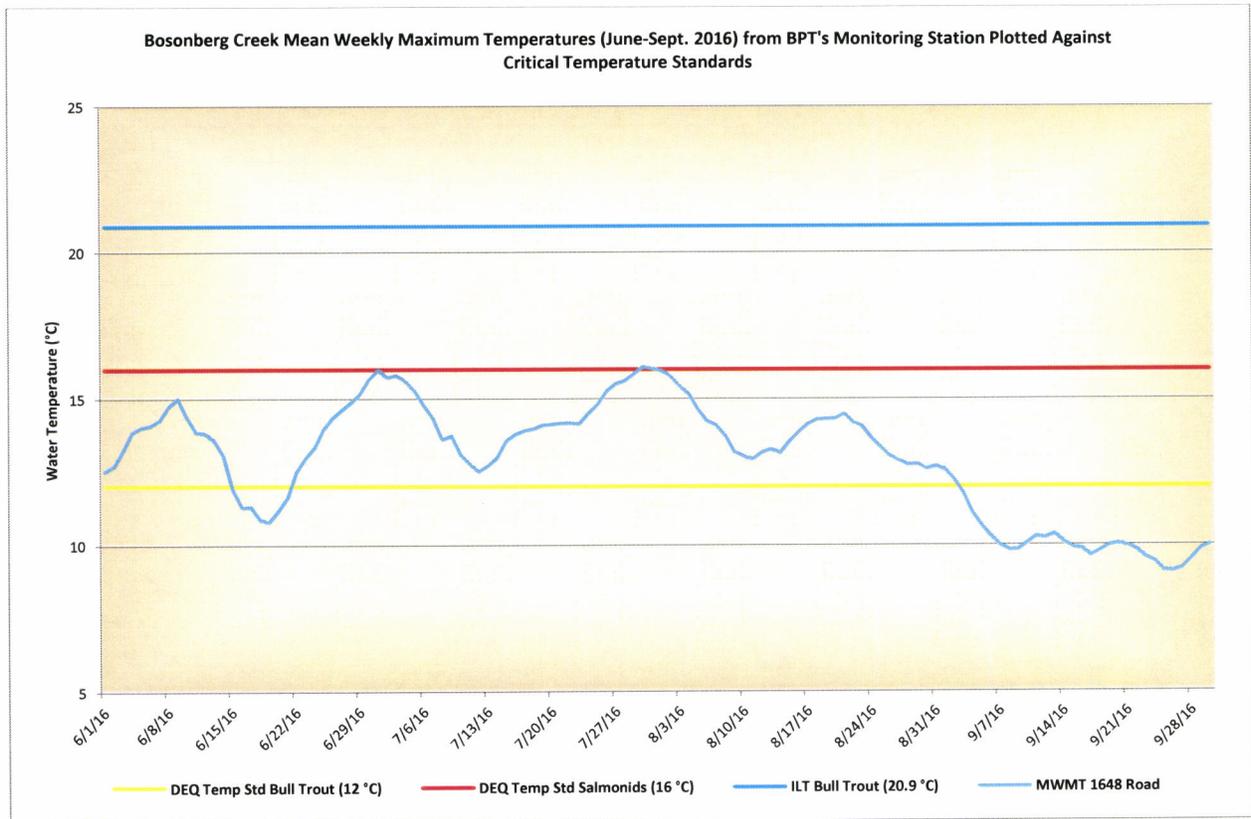
Overview:

Bosonberg is a Brook Trout dominant stream that enters the Upper Malheur River just below the Tribe's Logan Valley property. Despite very cold temperatures, Bull Trout have not been described in the stream in over 30 years. Bosonberg has a historic railroad grade barrier, although brook trout are present above. This site has been identified by the TAC for its potential to be a holding area for Bull Trout during treatments of other streams.

Fish Present:

Brook Trout, Redband Trout, Sculpin.

Temperature Profile:



Habitat Concerns:

Riparian Vegetation; Lack of Habitat; Sedimentation; Connectivity; Livestock; Wildfire.

Stop 4: Big Creek at 16 rd.

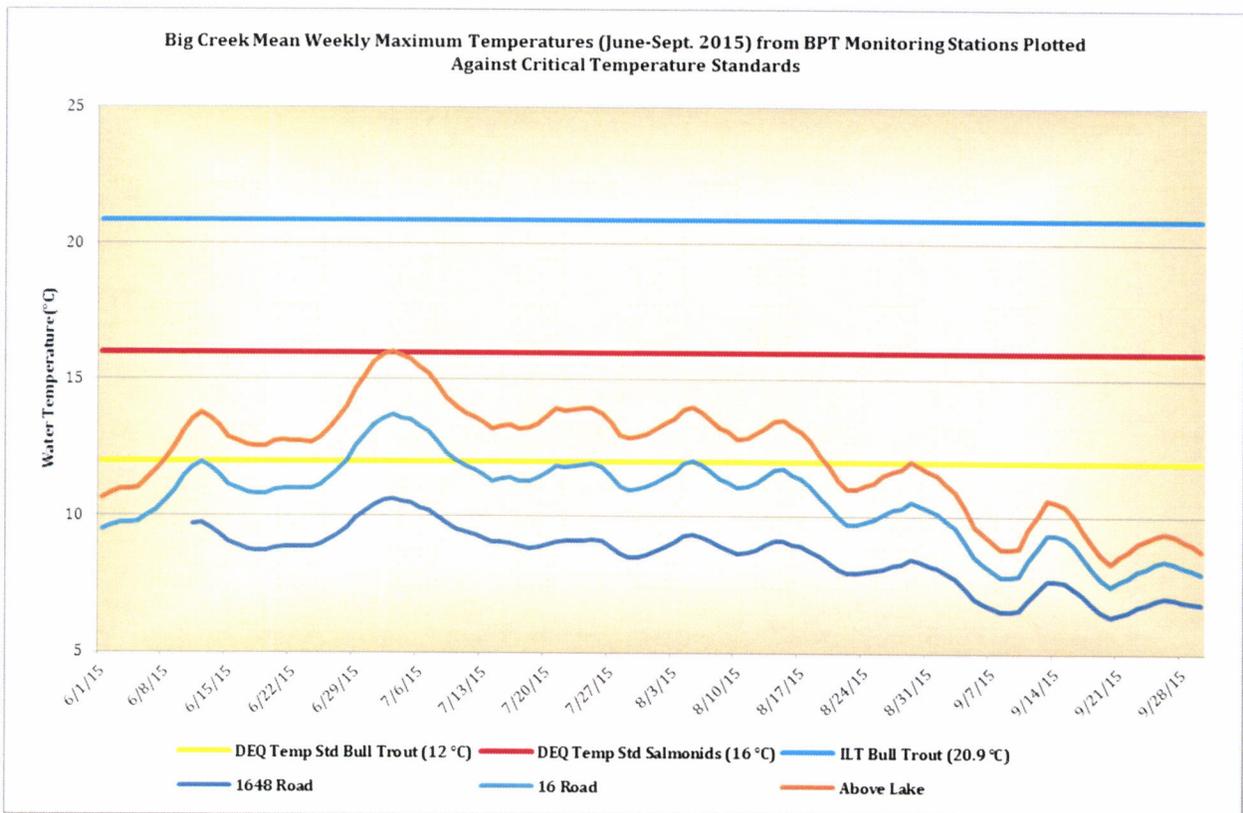
Overview:

Big Creek is the largest tributary to the Upper Malheur River. Big Creek and its tributaries largely have some of the best available habitat for Bull Trout in the basin. Bull Trout are regularly found above the 16 road. Unlike Lake Creek and McCoy Creek, temperatures remain suitable for migration through Logan Valley. Thus, Big Creek populations are thought to still express fluvial characteristics at some level.

Fish Present:

Brook Trout, Bull Trout, Redband Trout, Sculpin, Redside Shiner, Speckled Dace, Longnosed Dace, Bridgeline Sucker, Longnosed Sucker, Mountain Whitefish.

Temperature Profile:



Habitat Concerns:

Riparian Vegetation; Lack of Habitat; Sedimentation; Connectivity; Livestock; Wildfire.

Stop 5: McCoy Creek at 16 rd.

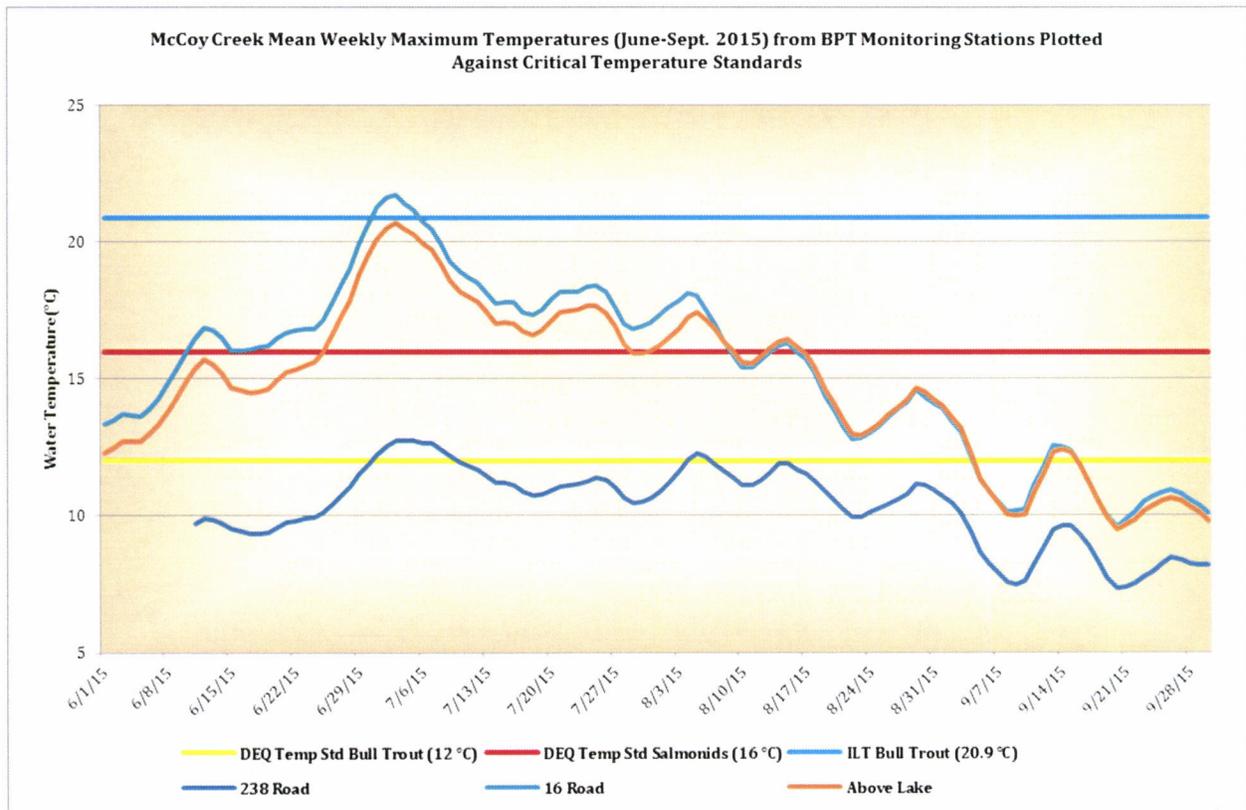
Overview:

McCoy Creek is a small tributary with cold water in the upper reaches. However, poor land management and irrigation practices on private land raise the temperatures substantially. If in stream water was restored on private land and low temperatures were maintained, McCoy Creek may have the potential to be Bull Trout bearing. Brook Trout are the only known species in McCoy Creek although dace and suckers may be present in the lower reaches which have not been sampled recently.

Fish Present:

Brook Trout

Temperature Profile:



Habitat Concerns:

Riparian Vegetation; Lack of Habitat; Sedimentation; Connectivity; Livestock; Wildfire.

Stop 6: Malheur Ford (Mainstem Upper Malheur River)

Overview:

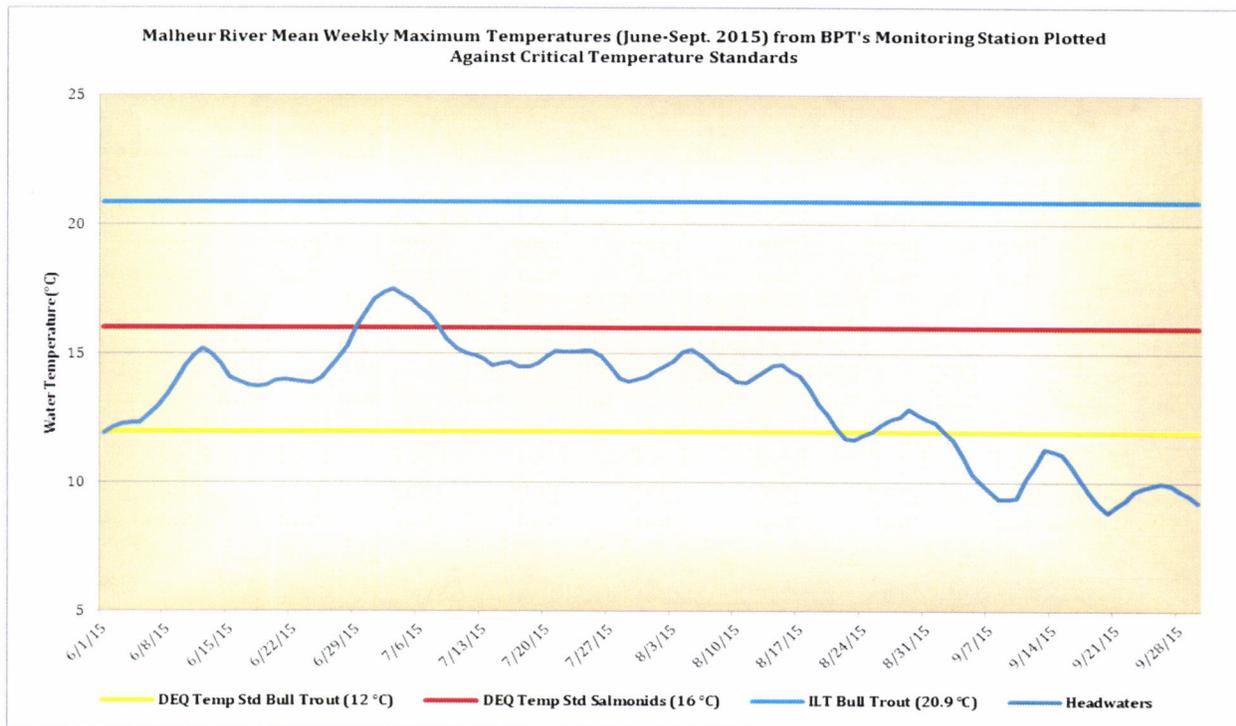
The Mainstem Upper Malheur River is where fluvial Bull Trout overwinter. However, currently habitat in this area is extremely limited. From Malheur Ford downstream, there is 7 miles of roadless wild and scenic river. There are several small tributaries that are Brook Trout bearing that enter the Upper Malheur as far as 10 miles below the Ford (Bluebucket Creek).

Fish Present:

Brook Trout, Bull Trout, Redband Trout, Sculpin, Redside Shiner, Speckled Dace, Longnosed Dace, Bridgelp Sucker, Longnosed Sucker, Mountain Whitefish, Northern Pikeminnow.

Temperature Profile:

Temperatures taken on BPT Logan Valley property just below the confluence of Big and Lake Creeks; approximately 6 miles above Malheur Ford



Habitat Concerns:

Riparian Vegetation; Lack of Habitat; Sedimentation; Connectivity; Livestock.

Stop 7: Summit Creek (Sagehen Exclosure)

Overview:

Summit Creek is a tributary entering the Upper Malheur River upstream of the Malheur Ford. The upper reaches contain cold water habitat. However, land use practices quickly raise temperatures downstream. Summit Creek is Brook Trout dominant. Habitat restoration plans are underway to improve pool habitat and riparian vegetation.

Fish Present:

Brook Trout, Redband Trout, Redside Shiner, Speckled Dace, Longnosed Dace, Bridgelip Sucker, Longnosed Sucker.

Temperature Profile:

Suitable in headwaters. Unsuitable in lower reaches.

Habitat Concerns:

Riparian Vegetation; Lack of Habitat; Sedimentation; Connectivity; Livestock; Wildfire.

