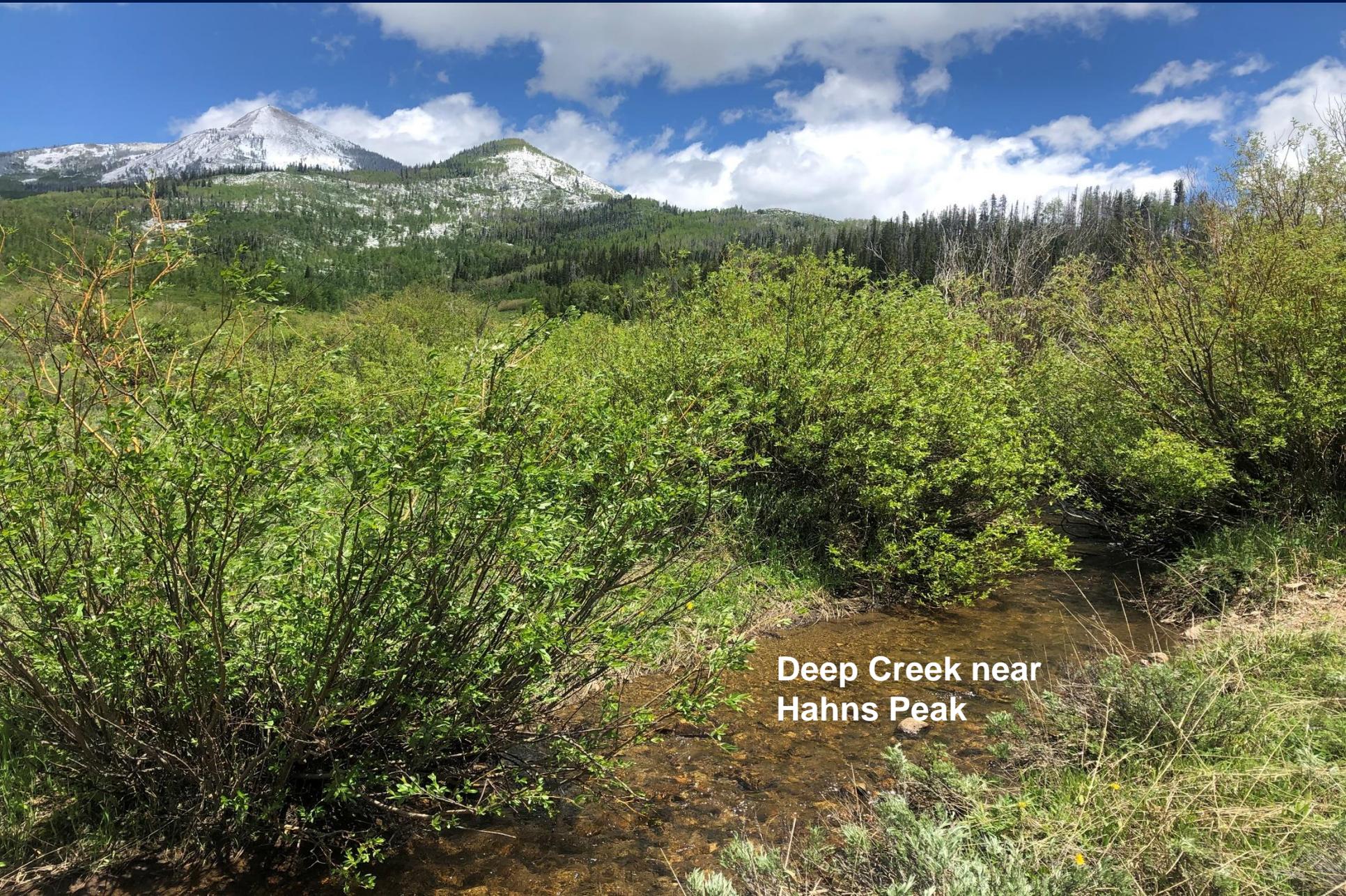


2021 BLM ISF Recommendations

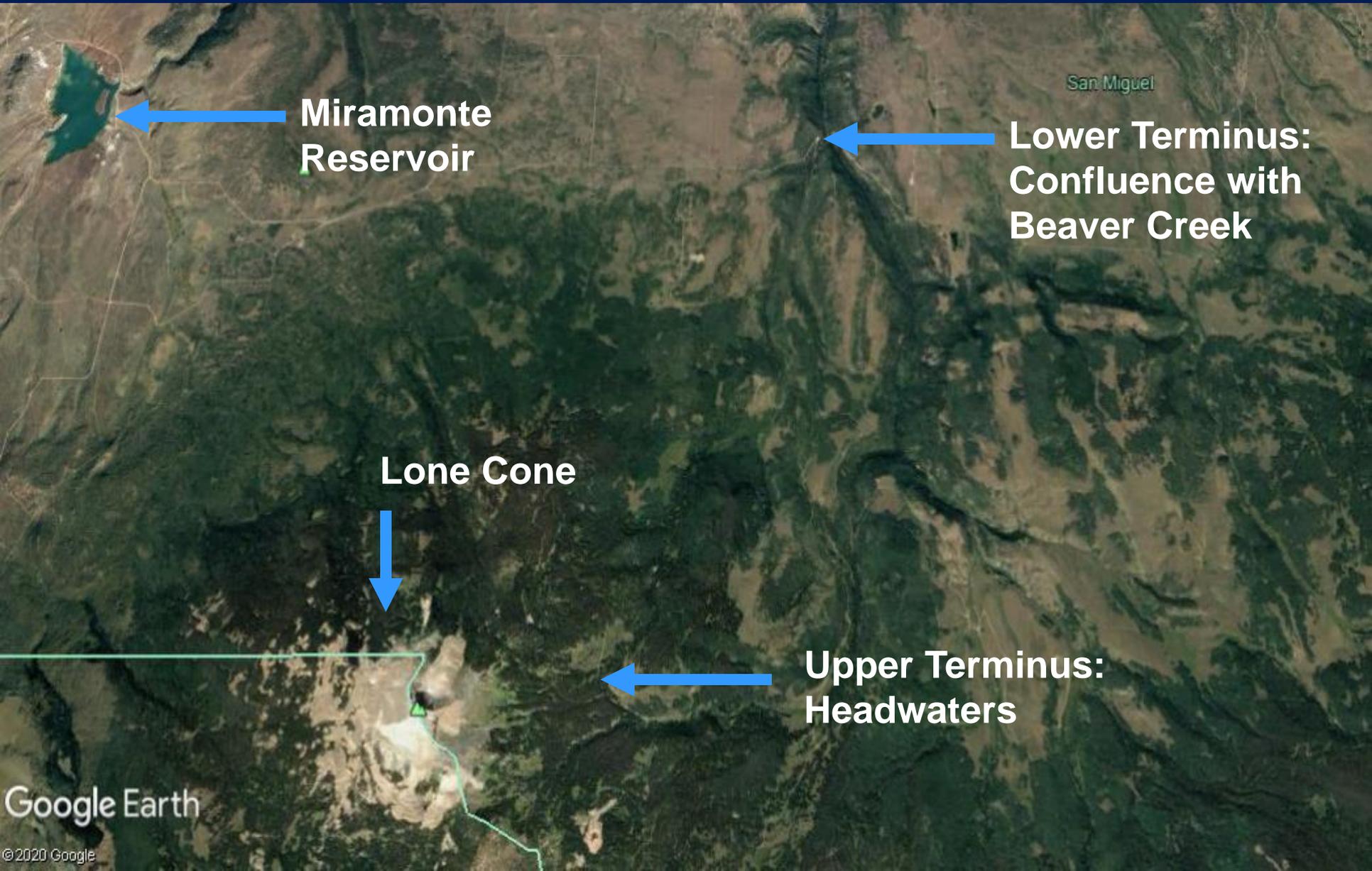


Deep Creek near
Hahns Peak

Streams in Water Division 4



Goat Creek - Location



Miramonte Reservoir

San Miguel

Lower Terminus:
Confluence with
Beaver Creek

Lone Cone

Upper Terminus:
Headwaters

Goat Creek



Natural Environment:

- Fish species:
Colorado River
Cutthroat Trout –
verifying lineage
- Macros: mayfly,
caddisfly, stonefly
- Riparian
community:
willow, alder,
spruce

Goat Creek



Preliminary Flow Rates:
0.75 cfs Apr 1 – Jun 30
0.60 cfs Jul 1 – Nov 30
0.40 cfs Dec 1 – Mar 31

**Additional data to be collected
during Summer 2021.**

Goat Creek



Stakeholders:

- Norwood Water Commission
- San Miguel County
- Southwestern Water Conservation District
- Private landowners along the creek

Goat Creek



Water Availability:

- Slightly higher flows during snowmelt runoff.
- Consistent base flows supported by discharge from springs

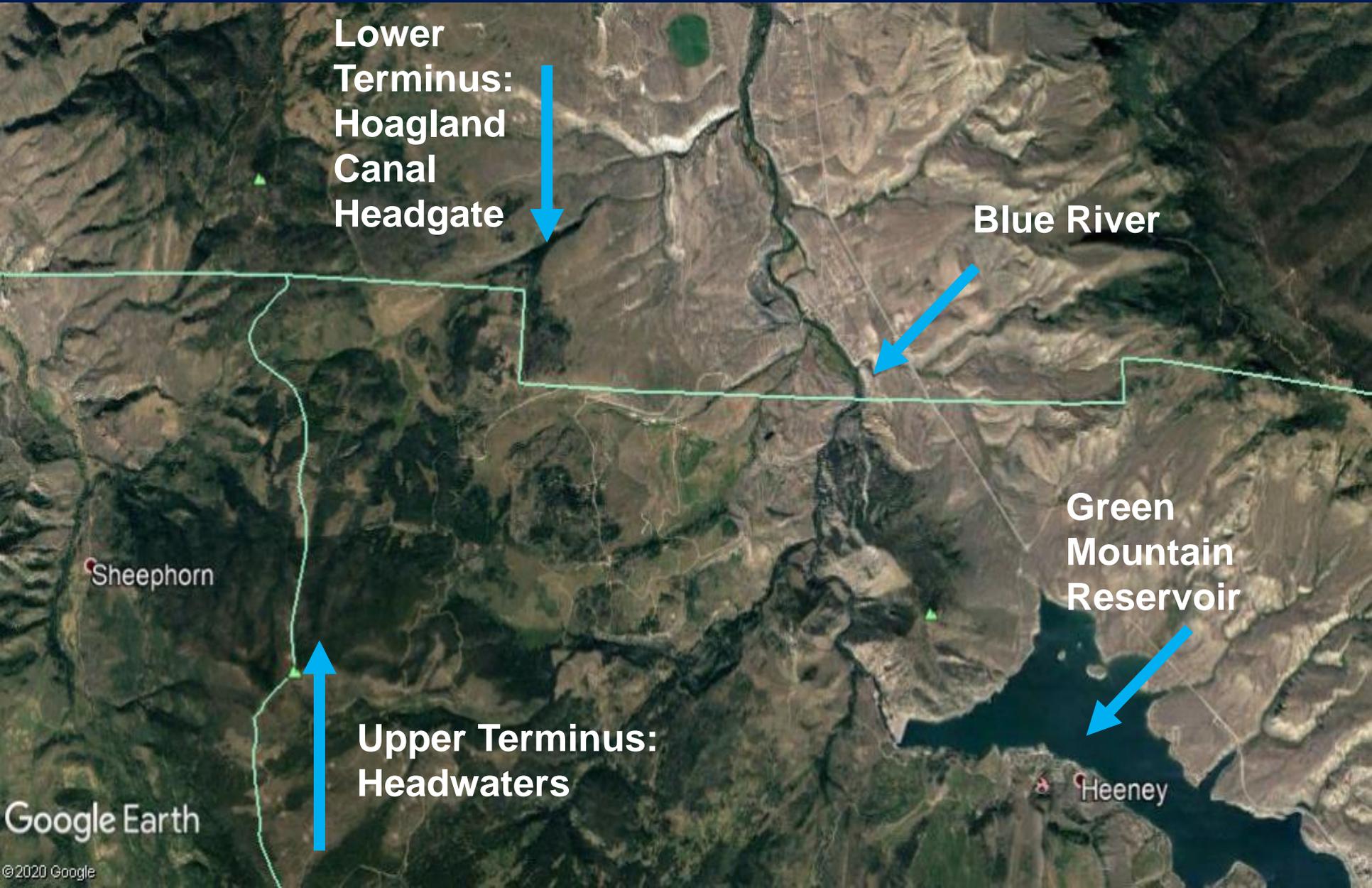
Water Rights:

- Norwood Water Commission: conditional right for 175 cfs at lower terminus and an alternate point of diversion is within the proposed reach.

Streams in Water Division 5



Spruce Creek - Location



Lower
Terminus:
Hoagland
Canal
Headgate

Blue River

Green
Mountain
Reservoir

Upper Terminus:
Headwaters

Sheephorn

Heeney

Google Earth

Spruce Creek



Natural Environment:

- Native fish species: Colorado River Cutthroat Trout, Green Lineage – managed as conservation population.
- Macros: mayfly, caddisfly, stonefly
- Riparian community: spruce, willow
- Forested in headwaters, meadow habitat in lower reaches.

Spruce Creek

Additional data to
be collected
in Summer 2021.

Preliminary Flow Rates:
0.90 cfs May 1 to Aug 31
0.45 cfs Sep 1 to Nov 30
0.3 cfs Dec 1 to Apr 30

Spruce Creek



Water Availability:

- Snowmelt driven hydrology
- No gage data available

Water Rights:

- No water rights within reach
- Senior water rights at suggested lower terminus

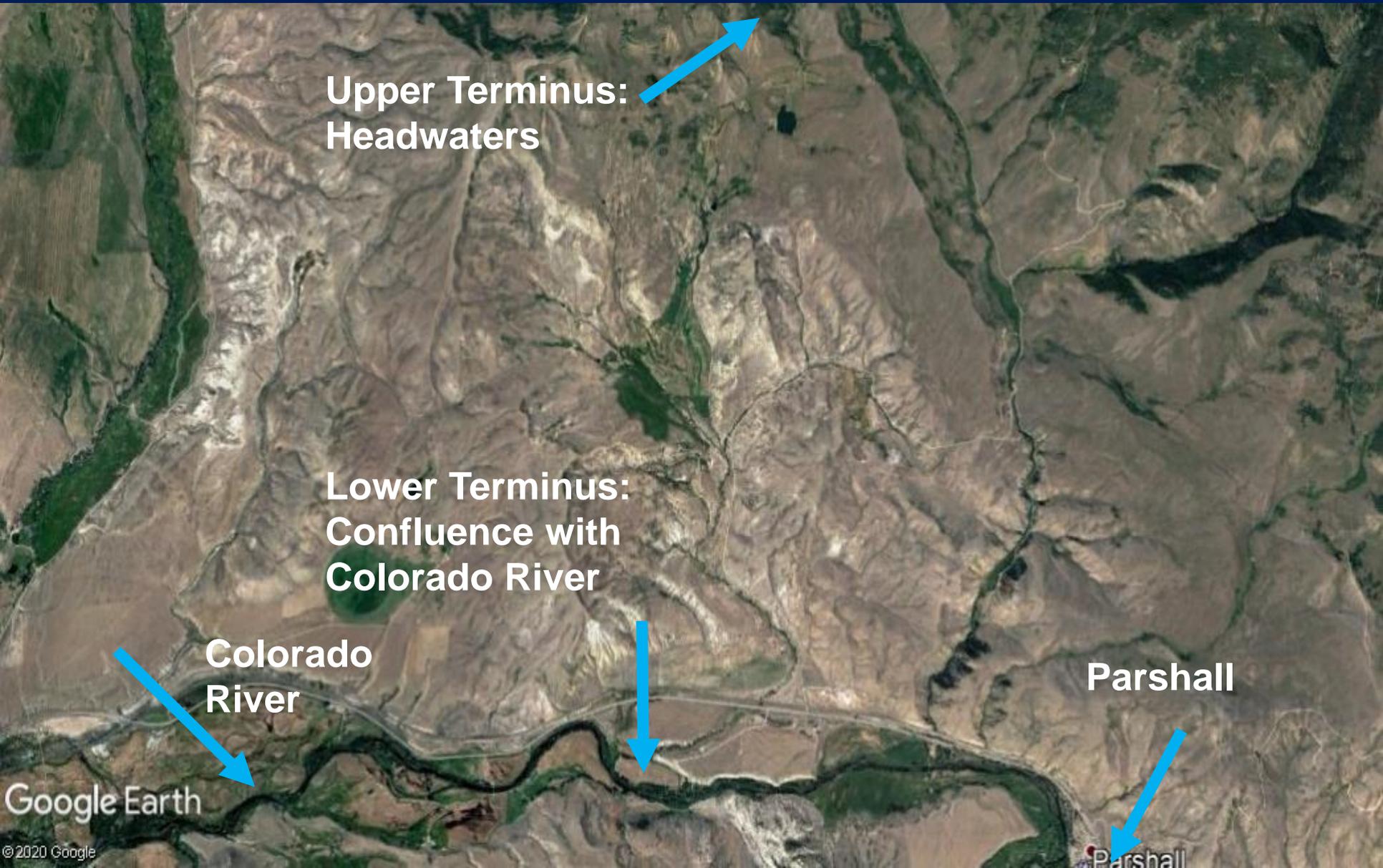
Spruce Creek



Stakeholders:

- Landowners along the creek
- Summit County and Grand County
- U.S. Forest Service
- Blue Valley Ranch

Rock Creek: Location



Upper Terminus:
Headwaters

Lower Terminus:
Confluence with
Colorado River

Colorado
River

Parshall

Google Earth

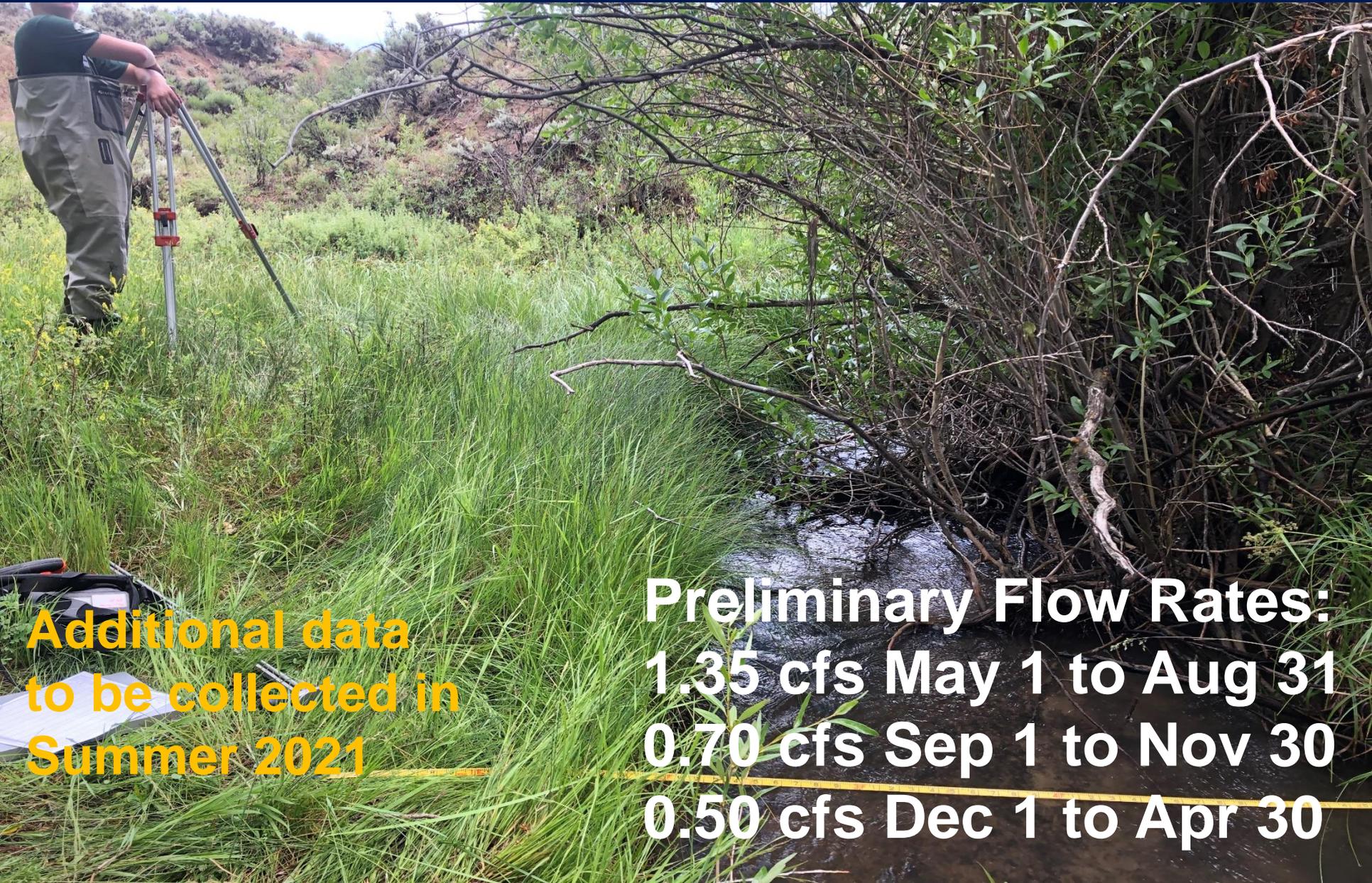
Rock Creek



Natural Environment:

- Fishery: brook trout
- Macros: mayfly, caddisfly
- Riparian community: willows, sedges, grasses
- Headwaters on forested lands; lower part of reach on agricultural lands

Rock Creek



**Additional data
to be collected in
Summer 2021**

**Preliminary Flow Rates:
1.35 cfs May 1 to Aug 31
0.70 cfs Sep 1 to Nov 30
0.50 cfs Dec 1 to Apr 30**

Rock Creek



Water Availability:

- Hydrology is complex and altered
- Base flow driven by spring discharge
- Flows augmented during irrigation season by water imported through Musgrave Ditch

Water Rights:

- 4 water rights in proposed instream flow reach

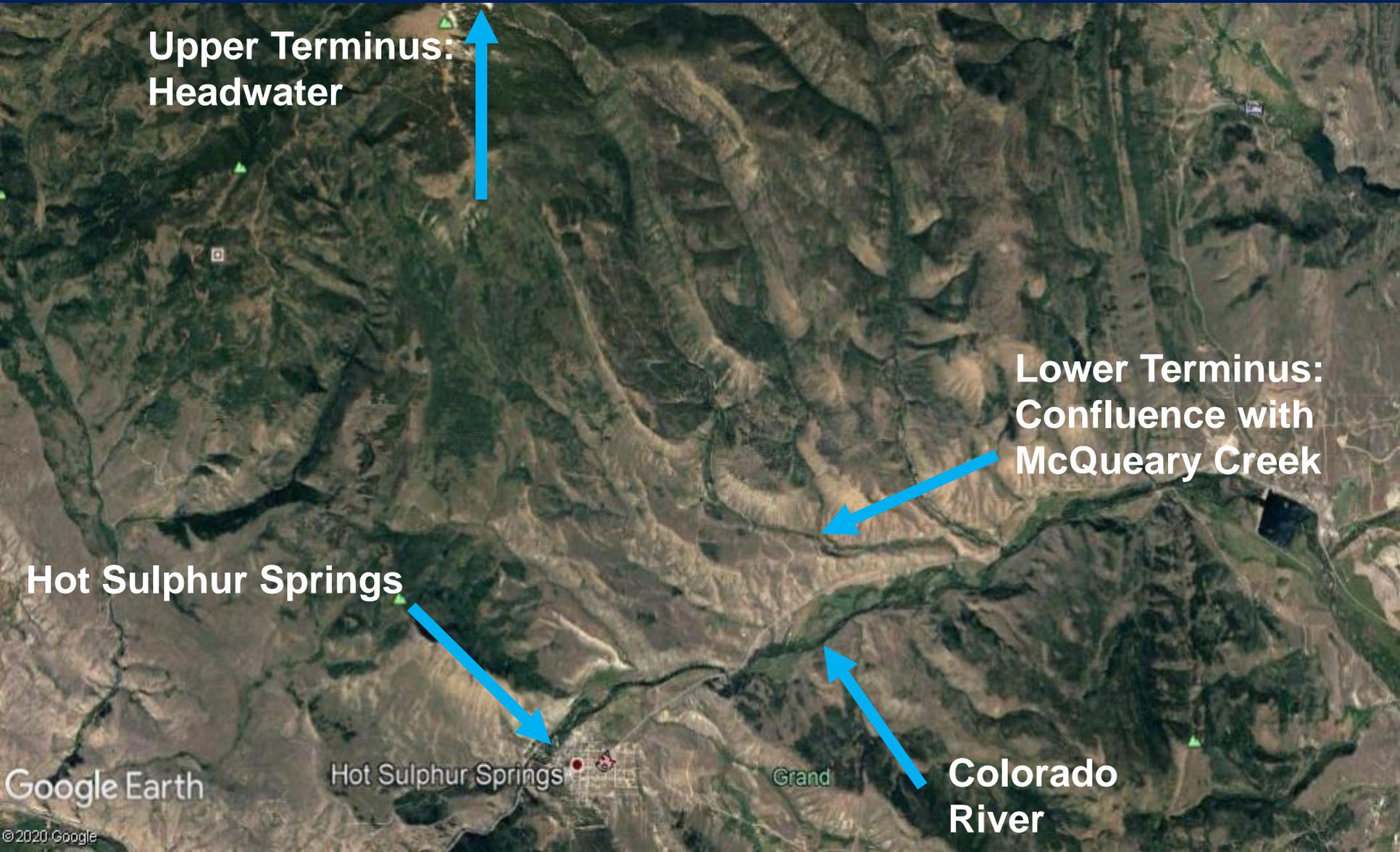
Rock Creek



Stakeholders:

- Multiple land and water rights owners along the creek
- Grand County

Kinney Creek: Location



Upper Terminus:
Headwater

Lower Terminus:
Confluence with
McQueary Creek

Hot Sulphur Springs

Hot Sulphur Springs

Grand

Colorado
River

Google Earth

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Kinney Creek



Natural Environment:

- Fishery: Colorado River Cutthroat Trout, Blue Lineage. Core Conservation Population.
- Macros: stonefly, caddisfly – indicate high water quality
- Riparian community: willows, alder sedges, grasses

Kinney Creek



**Additional data to be collected
in Summer 2021.**

**Existing ISF: 1.0 cfs
Preliminary Increase:
0.7 cfs May 1 to Sep 30**

Kinney Creek



Water Availability:

- Driven by snowmelt runoff
- No gage data available
- Downstream ditches have good diversion records

Water Rights:

- 1 water right within proposed reach: Dennis Ditch, 2.75 cfs

Kinney Creek



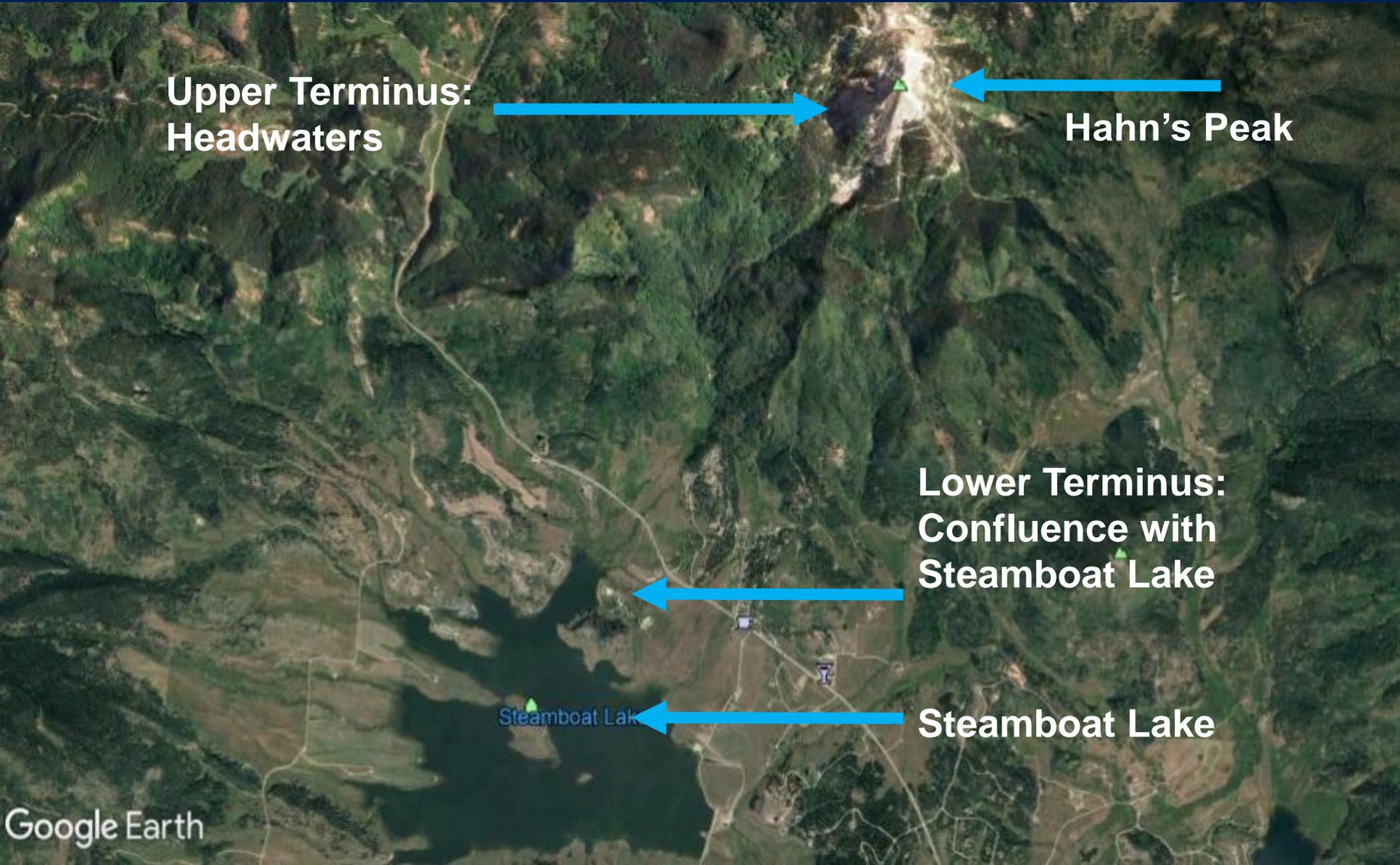
Stakeholders:

- Land and water rights owners along the creek
- U.S. Forest Service
- Grand County
- Colorado Parks and Wildlife

Streams in Water Division 6



Deep Creek - Location



Upper Terminus:
Headwaters

Hahn's Peak

Lower Terminus:
Confluence with
Steamboat Lake

Steamboat Lake

Steamboat Lake

Deep Creek



Natural Environment:

- Fishery: cutthroat trout x rainbow trout (hybrid)
- Riparian community: spruce, willow, alder
- Flows through densely forested landscapes and open meadows

Deep Creek



Proposed ISF Rates:

2.5 cfs May 1 to Jul 1

1.4 cfs Aug 1 to Sep 15

0.3 cfs Sep 16 to Apr 30



Deep Creek



Water Availability:

- Headwaters stream
- Snowmelt driven hydrograph
- No gage data available

Water Rights:

- Button Ditch No. 1:
1 cfs; no recorded diversions since 2003

Deep Creek

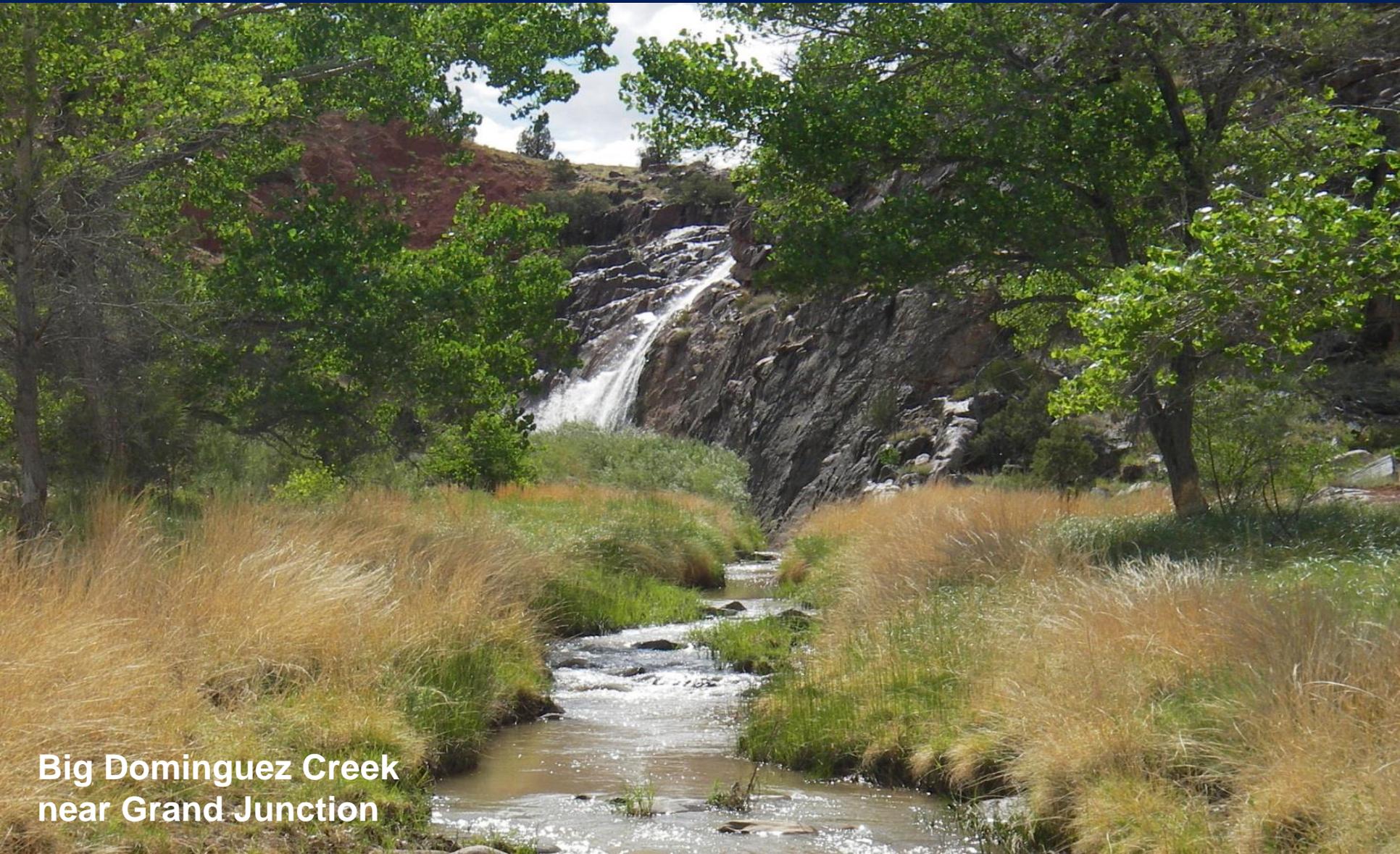


Stakeholders:

- Colorado Parks and Wildlife – Steamboat Lake State Park
- U.S. Forest Service
- Routt County
- Upper Yampa Water Conservancy District
- Private land and water right owners along the creek

Questions for BLM?

Contact Roy Smith at r20smith@blm.gov or 303-239-3940



**Big Dominguez Creek
near Grand Junction**