

THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF FISH AND GAME

STREAM SURVEY

File form No. _____ Date: June 30, 1959

NAME: Mewhinney Creek COUNTY: Mendocino

STREAM SECTION: _____ FROM: Mouth TO: To Dirt road crossing 4 miles upstream LENGTH: 4 mi.

TRIBUTARY TO: East Fork Russian River TWP: 16N R: 11W SEC: 5

OTHER NAMES: None known RIVER SYSTEM: Russian River

SOURCES OF DATA: Field notes and maps

EXTENT OF OBSERVATION Include: Name of Surveyor, Date, Etc.
LOCATION
RELATION TO OTHER WATERS
GENERAL DESCRIPTION
Watershed
Immediate Drainage Basin
Altitude (Range)
Gradient
Width
Depth
Flow (Range)
Velocity
Bottom
Spawning Areas
Pools
Shelter
Barriers
Diversions
Temperatures
Food
Aquatic Plants
Winter Conditions
Pollution
Springs
FISHES PRESENT AND SUCCESS
OTHER VERTEBRATES
FISHING INTENSITY
OTHER RECREATIONAL USE
ACCESSIBILITY
OWNERSHIP
POSTED OR OPEN
IMPROVEMENTS
PAST STOCKING
GENERAL ESTIMATE
RECOMMENDED MANAGEMENT
SKETCH MAP
REFERENCES AND MAPS

EXTENT OF OBSERVATION - Walked out 4 miles of stream.
Sections 1, 2, 3 & 7. (see map)

LOCATION - Heads in the hills Southeast of Potter Valley.
Stream flows into the E.F. Russian River at the southern end of Potter Valley.

RELATION TO OTHER WATERS - Section 2 had what looked like good spawning gravel. But it was dry at time of observation. Rest of stream had only few spots of good gravel.

GENERAL DESCRIPTION -
Watershed - Fir in the headwaters region. Oak and grassland in the middle sections with steep "V" canyon sides. Flat farm land along last 2 miles.

Immediate Drainage Basin - Section 1, flat gravel/sand bottom, straight vertical banks about 12 feet high. cultivated land. Section 2, low banks, wide flat gravel bottom, surrounded by grazing land. This section dry at time of observation. Section 3, bedrock bottom with pockets of sand and gravel. steep "V" canyon covered with grass and scattered oak. Section 7, same as 3.

Altitude - Ranges from 1,000 feet at mouth to 2,000 feet at headwaters.

Gradient - Section 1, 2 - flat
" 3 - moderate
" 7 - gradual

Width - Section 1 - averaged 40 feet Bank to bank
" 2 - " 80 "
" 3 & 7 " 10 "

Depth - 1 to 2 inches in the riffles thru out entire stream.
Pools averaged 1 to 3 feet in depth.

Flow - Intermittent. .2cfs Section 1 -.5.cfs [sic]
" 2 dry
" 3 & 7 - .2cfs

Velocity - Slow

THE RESOURCES AGENCY OF CALIFORNIA
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STREAM SURVEY

File form No. _____ Date: _____

NAME: Mewhinney Creek Page 2 COUNTY: _____

STREAM SECTION: _____ FROM: _____ TO: _____ LENGTH: _____

TRIBUTARY TO: _____ TWP: _____ R: _____ SEC: _____

OTHER NAMES: _____ RIVER SYSTEM: _____

SOURCES OF DATA: _____

EXTENT OF OBSERVATION Include: Name of Surveyor, Date, Etc.
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Bottom - Section 1, gravel & sand.
" 2 gravel
" 3 & 7 - bedrock with a few gravel pockets.

Spawning Areas - Section 2 had the only good looking spawning area, but it was dry at time of observation.

Pools - about 50% in all sections except nr 2, which was dry.

Shelter - Section 1 - most of the pools had overhanging brush.
" 3 & 7 - overhanging rocks in deep pools provided the only shelter.

Barriers - In section 1, a log across the stream .3 mile from mouth, with debris at one end. No obstacle to fish.

Diversions - .9 mile upstream from mouth. This is an old irrigation diversion dam not in use. The dam boards had been pulled and were not seen in the area of the dam.

Temperatures - In the morning water temps. were 60°, air 56° at the mouth. At noontime at the upper end of section 3, water was 65°, air 70°. On the way back down stream in midafternoon the water was 70° and the air 80°.

Food - mayflies and other bugs.

Aquatic Plants - Green Algae

Winter Conditions - Not Known.

Pollution - None noted. There were some springs with the faint smell of sulfur about half way up section 3.

Springs - The only ones noted were those with a slight smell of sulfur about the middle of section 3.

FISHES PRESENT AND SUCCESS - Section had a few SH fingerlings. a moderate amount of Roach. Section 3 & 7 was loaded with Roach with a few suckers. At the upper end of section 7 several trout, 10 to 12 inches long were observed.

OTHER VERTEBRATES - Turtles and waterdogs.

FISHING INTENSITY - None.

OTHER RECREATIONAL USE - None.

THE RESOURCES AGENCY OF CALIFORNIA
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STREAM SURVEY

File form No. _____ Date: _____

NAME: Mewhinney Creek Page 3. COUNTY: _____

STREAM SECTION: _____ FROM: _____ TO: _____ LENGTH: _____

TRIBUTARY TO: _____ TWP: _____ R: _____ SEC: _____

OTHER NAMES: _____ RIVER SYSTEM: _____

SOURCES OF DATA: _____

fm Potter Valley

ACCESSIBILITY - A dirt road goes thru the Mewhinney ranch on upstream for 1 mile. Another road runs from the Quarter Circle Ranch in Potter Valley, past "HellsPeak", thru Bachelor Valley, past Whitter Spring post office, to highway 20, about 3 miles west of Upper Lake.

OWNERSHIP - Privately owned.

POSTED OR OPEN - Only signs noted were poison bait signs.

IMPROVEMENTS - None

PAST STOCKING - Not known

GENERAL ESTIMATE - In the sections checked, only section 2 looked as if it would be good for SH spawning. With section 3 & 7 in "V" shaped canyon and bedrock bottom it looks like it would have a high quick runoff during a heavy rain. then drop down to low flow. At time of observation the waters were way low due to very low seasonal rainfall.

RECOMMENDED MANAGEMENT - None

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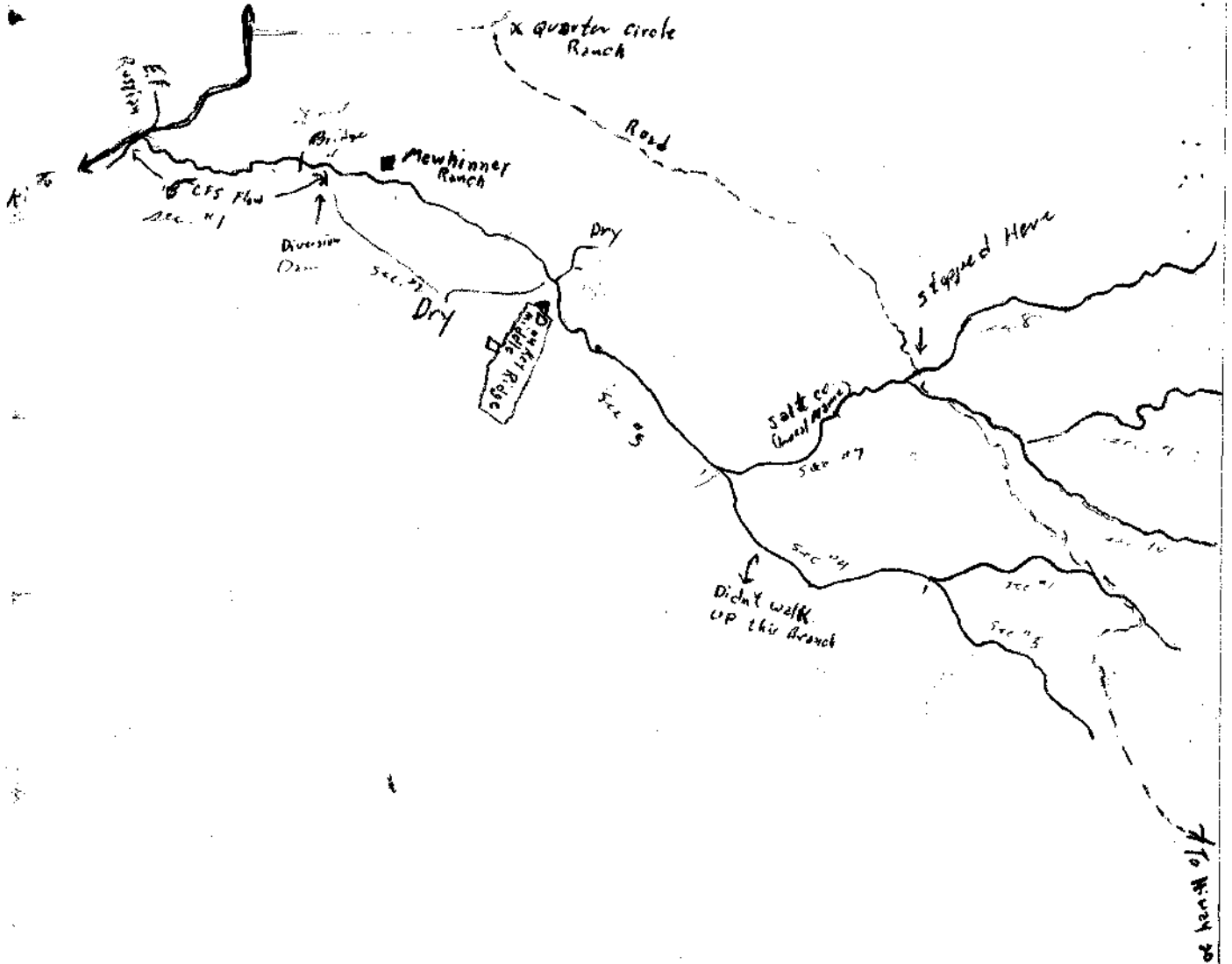
REFERENCES AND MAPS - Field notes and Topographical maps: Ukiah Quadrangle - 1943
Pomo " 1943

SKETCH MAP - included.


John H. Rowell, Jr.

Mewhinney Creek
T16N, R11W, Sec. 5
June 30, 1959

To Potter Valley



1.9 feet
2.3 M.S.
3.4