

105-10-0374

105-10-10360

Comments:

Stream KB #1 drains relatively steep terrain located on the north side of Mount Howard.

The stream displays boulder and rubble substrates for .13 mile up to the forks, providing little spawning habitat. The stream is quite scoured and the surrounding timber is scrubby.

Tributaries 01 and 02 continue up in steep terrain and provide little spawning and rearing habitat. Photo #10 depicts the typical habitat found in Reach #2, Tributary 02.

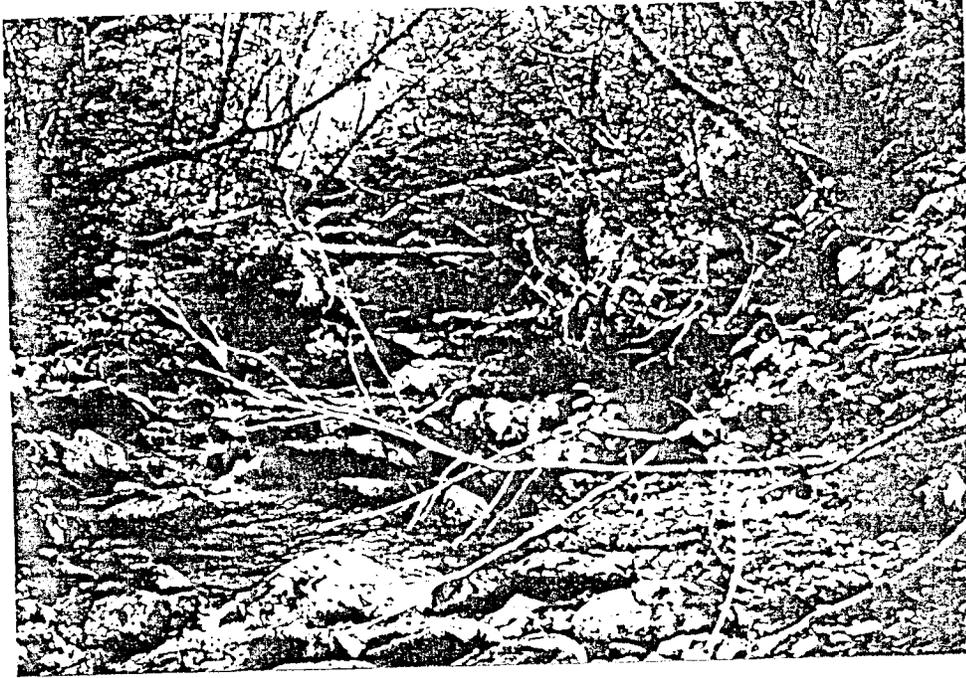


Photo #10: Tributary 02

Only one small Dolly Varden was observed in the entire system.

Aug. 3, 1978

3:15 PM

105-10-10360

Photo #

Observer Hastreiter and Franzel

Gauging Station No. KB #1 Title Stage Flood

Latitude 56° 07' 15" 25' Longitude 134° 10' 05" 10"

Distance from USGS markers 1.5 miles S of Dean Marker, 2.3 miles W of How Marker

Watershed 704 acres Length of stream .7 mile (Trib. 02 not on

USGS map

Lake systems None

No:	upper intertidal	1	2
Channel Width:	----	17'	14'
Channel width-depth of flow:	----	13'x4"	12'x4"
Channel slope gradient (%):	est. 1-2%	3%	4%
Exposed bedrock:	0%	0%	5%
Large boulder (3'+dia.):	5%	5%	10%
Small boulder (1' - 3'):	40%	30%	30%
Large rubble (6" - 12"):	50%	25%	20%
Small rubble (3" - 6"):	5%	20%	20%
Coarse gravel (1" - 3"):	0%	10%	10%
Fine gravel (<1"):	0%	5%	5%
Sand, silt, clay, muck:	0%	5%	0%
Reaction of gravels:	1	2.0	2.0
Temperature of water/air:		14°C/19°C	11°C/19°C
Water cover:		4	4
Water turbidity:		1/1	1/1
		7.2	7.8
Estimated discharge:		8 cfs	5 cfs
Shrub vegetation/density:	2/3 3/2	1/2 3/3	1/3 3/3
Stream organic debris and cover:		2.5	2.5
Quality of canopy and species:		2.0 alder	3 scrub alder, cedar, hemlock
Pool/riffle ratio:		10/90	10/90
Pool size:		3	3
Pool depth:		1'-2'	1'-2'
Pool bank height & composition:		gravel-root 1'-3'	rock-root 1'-4'
Pool bank stability:		undercut	undercut
Pool species:		none	1
Pool abundance:		seen	4
Pool survey notes:		fair	fair
Quality of rearing habitat:		fair	fair
Available spawning area (ASA):	less than 5%	less than 5%	less than 5%

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ADF&G Anadromous Stream No. KB #1

Map: Port Alexander A-1
Lat: 56° 01' 25"
Long: 134° 10' 16"

Water source: Surface runoff.

Schooling areas: In estuary.

Shellfish potential: Good population of little neck clams in ITZ. Commercial
crab pots present.

Land use at present: None

History of land use: None

Anchorage: Good anchorage in Kell Bay.

Sport fish potential: Very little potential.

Trails and survey routes: No game trails observed, but walking stream is not
difficult.

Spawning escapement data:

No ADF&G spawning escapement data available.

KBH 1

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Kell Bay

Commercial
crab
pots
herring
abundant

small stream
no fish seen

good
spawning

Reach 1

Reach 2

KB1

105-10-10360
Trib 01

Very
steep

Trib 02

very
steep

500'

1000'

1000'



scale

.5 mile

Mount
Howard

Kuiu
Island

