State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Species

1986
Year of Revision
86-420

Approved

Regional Supervisor — 11-4-85 Date

ok STS — 11/18/85

Tom Bucceu — 11-15-85
Drafted

Name of Waterway Springs 3

AWC# of Waterway 334-40-11000-2490-3416-4011

AWC Volume & Number Interior 6

USGS Quad Big Delta (A-3)

Addition X
Deletion ____
Correction ____
Change ____

Change to ____ Atlas
____ Catalog
X Both

Species	Date(s) Observed	Spawning	Rearing	Migration
Coho salmon	5-11-79 / 11-8-79	X	X	

Comments: Provide any clarifying information, including number of fish observed, location of fish survey data, etc.

During foot surveys for grayling both juvenile and adult coho were observed utilizing this springs complex (field notes attached)

Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls. Attach a copy of the fish survey data, if available.

Name of Observer (please print) Bill Ridder (FB Delta Jct)

Date: 11/5/85 Signature: W.C. Ridder

Address: Box 605
Delta Jct., AK. 99737

ALASKA DEPT. OF FISH & GAME
NOV - 5 1985
REGION II
HABITAT DIVISION

SPRING #1
#2 SPRING
SPRING 2A
6
7
8

11/8/79

#3 ∝5 Gr around F+6 dam site
∝100-200 under ice by below old lodge
about equal #'s of 2 age classes
a few SS still spawning by dam.
3°C many carcasses

#2 3°C ∝20+ at old lodge
∝15 above
no Tags
many SS still alive
1 mink in trap

#1, 19°C no gr seen but did not
make it up to fox/beaver home
where I saw them last
time.
Ad. SS still in Spring and
some still in good shape
unlike #3 & #2

DC River 1°C

11/14 Spring 1A 2°C walked usual
route ice covered most of
head spring. Many SS - some
30mm and around 10 Ad SS
Might have seen a couple of GR
but ice prevented pos I.D.
In main spring - fewer juv SS
and again 10-15 Ad SS. No GR
ice not too bad.

Spring #1 many 30mm 30mm SS. a few
Adults still in. Walked up to 4
beyond old Beaver lodge. Saw 5-10
GR ∝200 at lodge. Larger SS (jun)
up above. Temp ∝ .3°C

D.C. River 0°C @ 1A, @ #2 = 0°C.

#2 - not walked 2°C

Discussed future projects with Dick.

10/5/78 Spring #3 5.2°C
1 SS Ad at dam
GR below "
many " above dam. Feeding

Ducks

Spring #2 5.0°C
≈2-5 GR at mouth
Many Ad (≈20) SS in river at mouth. ≈8 in riffle's above pool spawning. 3 redd's.
50-100 Many GR's in pool above dam
pool. Seen ≈10 2+

Ducks
no GR's at planting loc.

Spring #1 4°C no GR seen to planting loc.
6 Ad SS in river slightly above spring mouth.

Ducks

Spring 1A 2°C
Many +50 seen in middle spring at planting loc
≈5 seen in spring at other planting loc. (where it splits)

mouth.
Upper
and 5
bot
ver.

Decymation

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1979

10/1 Shaw 36°F
64 GR tagged 2 1/2 hrs
5 man hrs

10/5 ∝20 SS in camping & pool
- Rem. project - station gen.

10/5 Spring #3 ∝5 SS adults at mouth
∝100 SS fingerlings " "

① return trip saw 9 tagged & 4 other GR by boat
1st dam 5 tagged GR
∝35-50 200-240 mm
② ∝50 150-200 mm

1st Below - 2nd dam (F&G weir)
(5 tagged GR) move smaller GR 130-180 ∝50+
some GR in fast water 200-240 GR ∝35+
and of course SS.

above 2nd dam 40°F
③ - opposite old Beaver house ∝100-200 GR
plus SS. ∝10 TAGGED GR
above then another 200+ + GR

In the spring: slow H_2O - found over gravel
fast H_2O - runs of mud or gravel.

@ mouth 40°F, 10' out - 37.5°

redds at point of island at mouth
- interface b/t two currents.

∝30 SS adults below #3 mouth

my SS (jus) at mouth hole had dark streaks
down lat. line.

half of GR seen (approx) looked to have
blue/grey as a base - the other half looked
brownish.

Chums seen (∝7-10) at mouth of
Spring #2 in DCP. One SS carcass in
#2 mouth & a BIT OF chum on
DCP 36°F it's last lip.

Spring #2 40°F 1 GR (220) at mouth hole
along c 15 SS
just SS (jus) seen in lower part of #2
but alot of "baby shit" blocked viewing
- Upper part - ∝60 (3 tagged) at old beaver
lodge and 30-50 above lodge in narrower
upper portion. These GR were all ≤200 and very

10/5/79 Cont.
#3

60 ADSS at [illegible]
Saw 1 [illegible] above 1st [illegible]
[illegible] School approved to have
dropped down from 1st [illegible]
down to pt of land at [illegible]

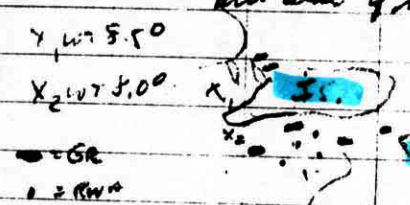
M

79
52
131

1979

Spring 2 WT 6.9°C
many O+SS under grass
at margins Algae growing
on rocks prodigious. No GR.
To Beaver Lodge & Gail.
Nothing at mouth.

Spring #3 2 GR 3+? 2230
under sweepers at mouth
c-many O and 1+ SS. WT 8.5
4 GR (2 250mm, 2 180-200 on
out side of island



SS mixed in but
predominantly along shore.

This GR defended his territory
against any RW that came within
2 feet by butting the RW in the side
at what time the RW would drop
down a few feet.

M or. up above many SS O+ 7.5°
above old Dam

Aug 2: Fyke trap set in Coal Mine #3
- at 5:30 PM along with two
minnow traps - one green and
one brown baited with eggs.
- Go jumping all across lake -
shallow and deep

Aug 3. Pulled fyke trap 2:30 PM
green minnow trap: 5 SSc
brown " 3 SSc

Fyke: #Gr: 213
SSc: 3
WT ~~12.1°C~~ 17.1°C

Ober Cr @ Coal Mine 10°C flowing
good - 10-25" across - enough water
for fish. Slightly turbid.

5/11/79

#2A: 5°C no GR sighted - Conditions good. ~~[illegible]~~ few 1+ SS, more 0+. 2+(?) SS in bankwater at mouth.

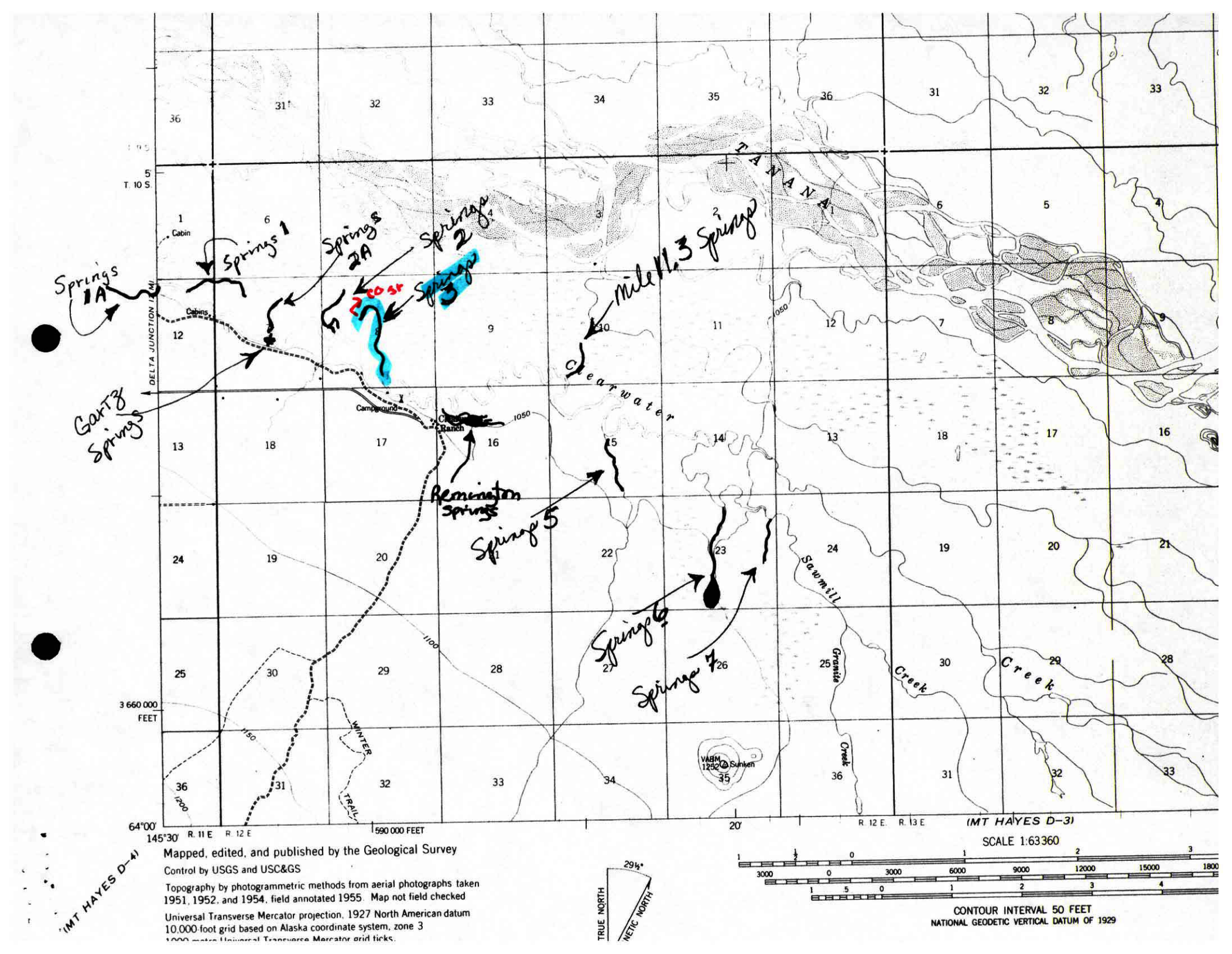
#2: 6°C 0+ and 1+ SS's. 2 GR, 1+ 2+ SS at mouth - 100's and in river.

#3 7°C 1 2+GR at mouth, 1+GR at old Beaver Lodge. No others - many 0+ SS's. Seal nesting below dam.

TEST CAGE: 20 marks 1 DM. & 6 fish have 3 or less specks of dye left. 3 fish very thin. Tore fine screening off one side of cage to let some goodies drift in.

Remington Springs

X-GR



Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1951, 1952, and 1954, field annotated 1955. Map not field checked

Universal Transverse Mercator projection, 1927 North American datum
10,000-foot grid based on Alaska coordinate system, zone 3
1000-meter Universal Transverse Mercator grid ticks

29½°
TRUE NORTH
NETIC NORTH

SCALE 1:63360

1 0 1 2 3
3000 0 3000 6000 9000 12000 15000 18000
1 5 0 1 2 3 4

CONTOUR INTERVAL 50 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929