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

AWC Volume (SE) SC SW W AR IN USGS Quad Craig B-3

Anadromous Water Catalog Number of Waterway 103-60-10590

Name of Waterway Saint Nicholas River USGS name ___ Local name ✓

Addition ___ Deletion ✓ Correction ✓ Backup Information ___

For Office Use

Nomination # 94 319	Lanal Shea — Regional Supervisor — Date 11-4-93
Revision Year: '94	Ed Weiss — 11/19/93
Revision to: Atlas ___ Catalog ___ Both X	L. Irone — Drafted — Date 1/5/94
Revision Code: D-1 E-9	

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: Delete catalog above lowest set of falls on this system. Shocking & trapping in area above ~~current~~ proposed upper extent has produced only resident cutthroat.

Name of Observer (please print) James D. Durst, Habitat Biologist

Date: 10/21/93 Signature: James D Durst

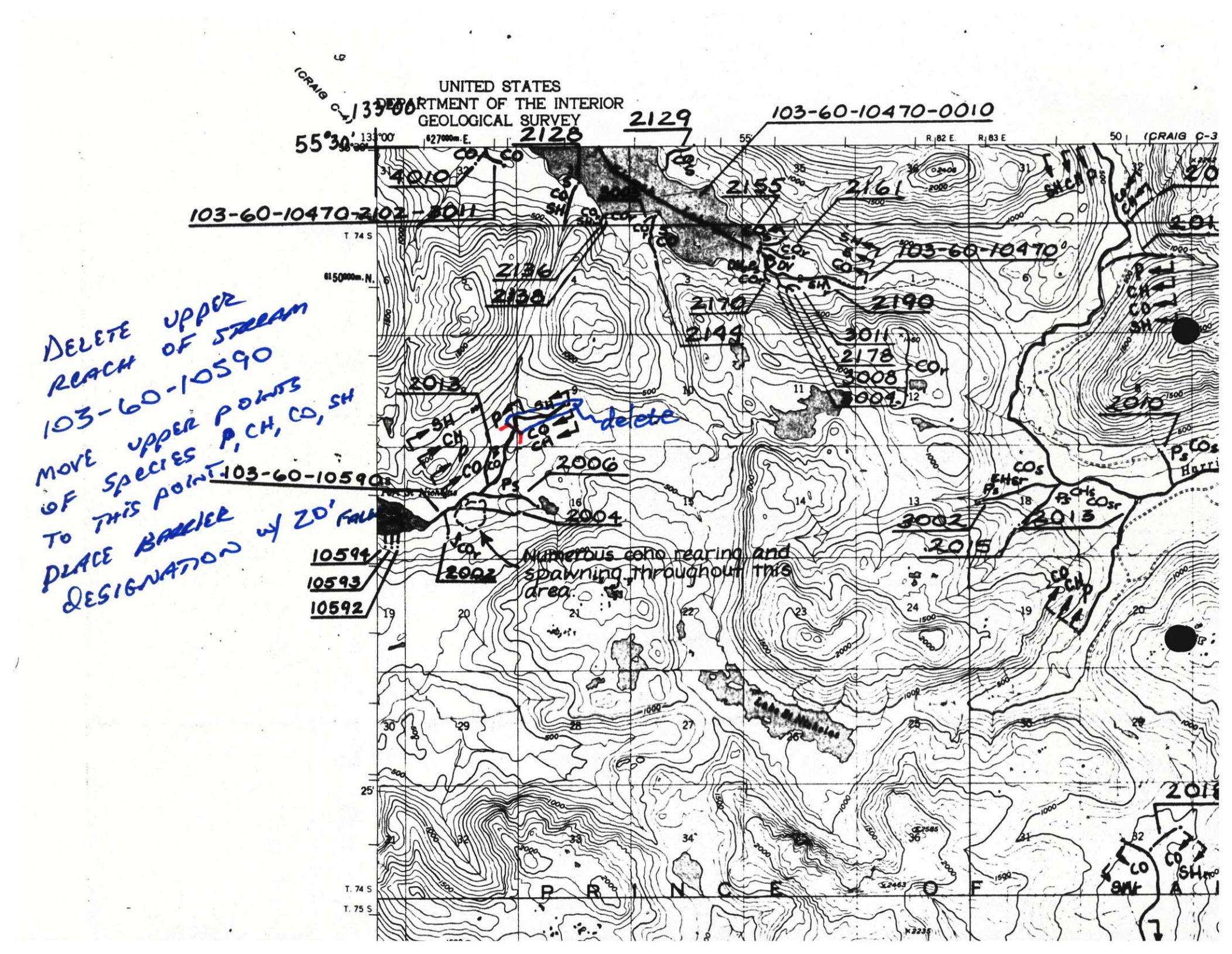
Address: ADF&G, P.O. Box 271
Klawock, AK 99925

ALASKA DEPT. OF FISH & GAME
NOV 05 1993
REGION II
HABITAT AND RESTORATION DIVISION

This certifies that in my best professional judgement and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: Stephen H. Hoffman

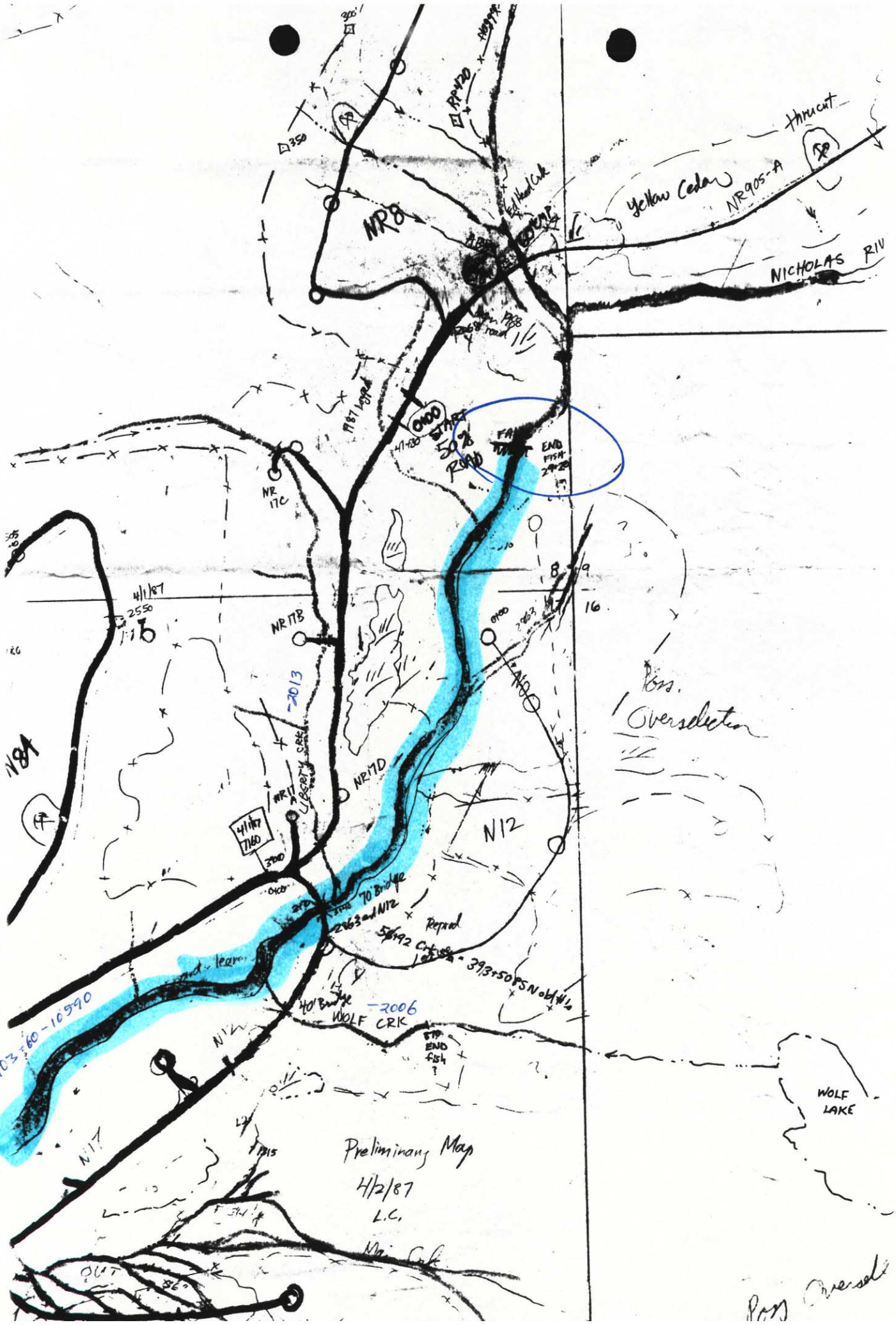
Rev. 7/93



DELETE UPPER REACH OF STREAM 103-60-10590

MOVE UPPER POINTS OF SPECIES P, CH, CO, SH TO THIS POINT

PLACE BARRIER DESIGNATION W/ 20' FALL



NR8
Yellow Cedar
NR905-A
thrucut
NICHOLAS RIV
START 50% ROAD
END FISH
NR 17C
NR17B
NR17D
N84
N12
4/1/87
2550
-2013
LIBERTY CRK
70' Bridge
Reprod
40' Bridge
-2006
WOLF CRK
103+60-10590
WOLF LAKE
Poss. Overselection
Preliminary Map
4/2/87
L.C.

Port St. Nicholas Drainage
Shaun Seet Inspection
July 11, 1986
Jack Gustafson, pg 2 of 2

(3) Port St Nicholas Creek Crossing:
This is a very productive spawning area. Numerous coho try observed on site. The bank-to-bank width of the stream at Sta. # 393+50 is 60 feet. The southeast bank has a solid rock substrate & provides only rearing habitat. The bank on the other side of the stream is gravel and provides both spawning and rearing habitat. The bridge in this location will require a bank-to-bank crossing. A construction timing window of approximately June 30 to August 15 shall be in effect for the construction of this crossing. A Title 16 permit will be issued after the receipt of more complete design and construction plans.

(4) Sta # 393+70: Liberty Creek Crossing
Numerous coho fry and fingerlings of unidentified species were observed in the stream at this crossing. Spawning habitat appears to be available at the site of this crossing. Fish passage is required. A log culvert, or small bridge, will be installed as per our field agreement. Do not remove section of LOD in stream below crossing. Construction of this crossing shall be done in a manner to prevent siltation into Port St. Nicholas Creek during the fish sensitive period (August 15 to June 30).

(5) The end of anadromous fish habitat appears to be approximately 3000 ft. upstream of the bridge site. It seems this 20' cascade is a block to passage, though this contradicts the stream catalog.

St. Nicholas

(6) The Port St. Nicholas Drainage is very productive habitat for bear, deer, wolves, and stream-rearing anadromous fish. Roading and timber harvest activities will likely ~~cause~~ decrease the quality of this habitat and the future abundance of these species. To mitigate this scenario we recommend the retention of a buffer of old growth forest along both banks of Port St. Nicholas Creek and the closure of this road following timber harvest.

Jack Gustafson 7-11-86

Wednesday 14 April 1993 JD

Shaan-Seet Variation Inspections, w/ Al Peterson, Sam Thomas, Randy Casey

Nicholas R. Above Bridge

walked to Nicholas R.; saw large cascade (20'-40'), which one looks like barrier; drop on S 1/3; chute on N 1/3
both banks Type B for ~250' below falls, then Type A

#81: atop bedrock finger holding silt bank; 18"S on point w/ armoring roots; little to no evidence of erosion in last winter's high flows; smaller H nearby

14 Apr. (2 of 5)

small trib from NW examined ~ 700' below falls; 78% about at 66' buffer line from Nich. R.; 5' wide; gravel & small cobble; silty banks

just downstream of trib confluence; abundant wolf sign including FRESH scat partly buried; potential denning area around stump base?

1140 done w/ these trees; just above nice spawning area above bridge

Dr. Mike Cr.

1205 south side trees

1400 Wolf Cr.

met w/ Fred Shields & Dan Evans & John Meadows of Columbia Helicopters