



State of Alaska
Department of Fish and Game
Division of Sport Fish

Fish Survey
Nomination Form
Anadromous Waters Catalog

Region: South Central USGS Quad: Talkeetna B-3, Talkeetna A-2, Tyonek D-3,
Anadromous Waters Catalog Number of Waterway: 247-41-10200-2053-3170 USGS Name Local Name
Name of Waterway: Lake Creek

Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>11-594</u>	<u>[Signature]</u> Fisheries Scientist	<u>10/28/11</u> Date
Revision Year: <u>2012</u>	<u>[Signature]</u> Habitat Operations Manager	<u>10/28/11</u> Date
Revision to: Atlas <input type="checkbox"/> Catalog <input type="checkbox"/> Both <input checked="" type="checkbox"/>	<u>[Signature]</u> AWC Project Biologist	<u>10/24/11</u> Date
Revision Code: <u>B-2, C-9, C-7</u>	<u>[Signature]</u> Cartographer	<u>11/15/11</u> Date

Projcode: FSS11 Reach ID: FSS1122C01

Species (Life Stage) (Total Count)	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Chinook salmon (juvenile) (66)	09/02/2011 to 09/04/2011	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Anadromous
chum salmon (adult spawning) (250)	09/05/2011	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Anadromous
chum salmon (carcass) (100)	09/05/2011	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Anadromous
coho salmon (adult) (35)	09/02/2011 to 09/05/2011	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Anadromous
coho salmon (juvenile) (39)	09/02/2011 to 09/04/2011	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Anadromous
pink salmon (adult spawning) (500)	09/05/2011	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Anadromous
pink salmon (carcass) (100)	09/05/2011	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Anadromous
rainbow trout (juvenile) (2)	09/03/2011	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Resident
sockeye salmon (adult) (129)	09/02/2011 to 09/04/2011	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Anadromous
sockeye salmon (adult spawning) (269)	09/01/2011 to 09/05/2011	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Anadromous
sockeye salmon (carcass) (1)	09/01/2011	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Anadromous
sockeye salmon (juvenile) (39)	09/01/2011 to 09/02/2011	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Anadromous

Additional Comments: The entirety of this stream was floated by cataraft and sampling was done by angling, minnow trap and visual observation. Add Ps at site 26c01(old mouth of Lake Creek) to new mouth of Lake Creek 61.907, -150.935 and up alluvial fan channel to waypoint 001. This nomination packet also provides backup information for Sr, Ss, COr, CHs, Kr, COp.

*Revise mouth pt location and lower stream hydrography
add PINK salmon spawning to portion of stream*

Reviewed \ Submitted By: Raye Ann Neustel, F&W Technician III

Phone: (907) 267-2238

Date Printed: 10/21/2011

Signature: [Signature]

Address: Alaska Department of Fish and Game, Division of Sport Fish, RTS
333 Raspberry Rd
Anchorage, AK 99518

[Signature]
Project Supervisor

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog

Signature of Area Biologist: _____

Date: _____



State of Alaska
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Fish Survey
Nomination Form
Anadromous Waters Catalog

Continuation of Reach: FSS1122C01

Station: FSS1122C01

Region: South Central USGS Quad: Talkeetna B-3 ✓ Legal Desc.: S027N011W18 ✓
 Addition Deletion Correction Backup Information Latitude\Longitude: 62.42975132 \ -151.39776972 (WGS84) ✓

Observation Information

Date Observed: 09/01/2011 Observer: Raye Ann Neustel, F&W Technician III
 Alaska Department of Fish and Game, Division of Sport Fish, RTS

Life History: Anadromous

Species\Lifestage: sockeye salmon adult spawning
 Species\Lifestage: sockeye salmon carcass
 Species\Lifestage: sockeye salmon juvenile

Sample Method (# Fish): ANG (3) VOG (141)
 Sample Method (# Fish): VOG (1)
 Sample Method (# Fish): MTR (12) VOG (23)

Key to Sample Method

Sample Method: (ANG) Angling
 Sample Method: (MTR) Minnow Trap
 Sample Method: (VOG) Visual Observation, Ground

Additional Comments: (Date 9/1/2011) Backup AWC stream 247-41-10200-2053-3170 with Ss, Sp, Sr. This sample site is on the south end of Chelatna Lake where float plane traffic lands. Tributary coming from wetlands area has ATV tracks crossing creek. Picture 519 was from a fuel stop at the same site on 08/17/2011.

FSS1122C010519.jpg



Station: FSS1123C01

Region: South Central USGS Quad: Talkeetna B-3 ✓ Legal Desc.: S026N011W03 ✓
 Addition Deletion Correction Backup Information Latitude\Longitude: 62.36592371 \ -151.29478186 (WGS84) ✓

Observation Information

Date Observed: 09/02/2011 Observer: Raye Ann Neustel, F&W Technician III
 Alaska Department of Fish and Game, Division of Sport Fish, RTS

Life History: Anadromous

Species\Lifestage: Chinook salmon juvenile
 Species\Lifestage: coho salmon adult
 Species\Lifestage: coho salmon juvenile
 Species\Lifestage: sockeye salmon adult
 Species\Lifestage: sockeye salmon juvenile

Sample Method (# Fish): MTR (22)
 Sample Method (# Fish): ANG (2)
 Sample Method (# Fish): MTR (14)
 Sample Method (# Fish): VOG (9)
 Sample Method (# Fish): DIP (4)

Key to Sample Method

Sample Method: (ANG) Angling
 Sample Method: (DIP) Dip Net
 Sample Method: (MTR) Minnow Trap
 Sample Method: (VOG) Visual Observation, Ground

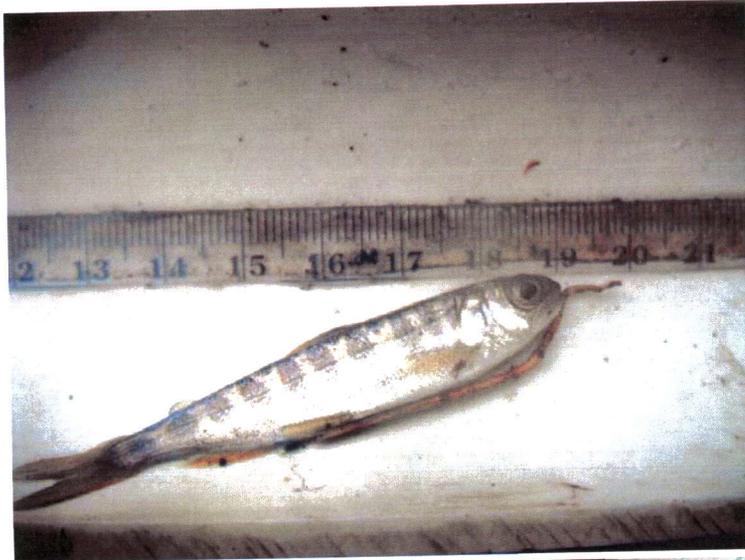


State of Alaska
Department of Fish and Game
Division of Sport Fish

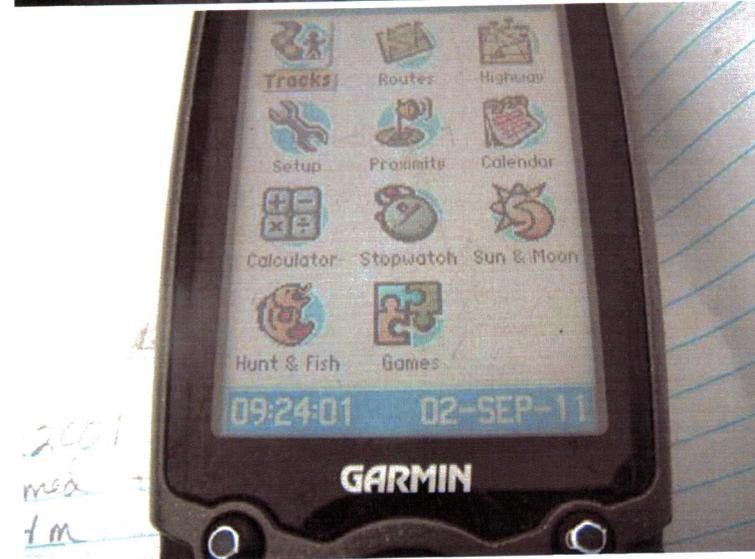
Fish Survey
Nomination Form
Anadromous Waters Catalog

Continuation of Reach: FSS1122C01

Additional Comments: (Date 9/2/2011) Backup stream 247-41-10200-2053-3170 with Kr, COr, Sr, Sp.



FSS1123C011478.jpg



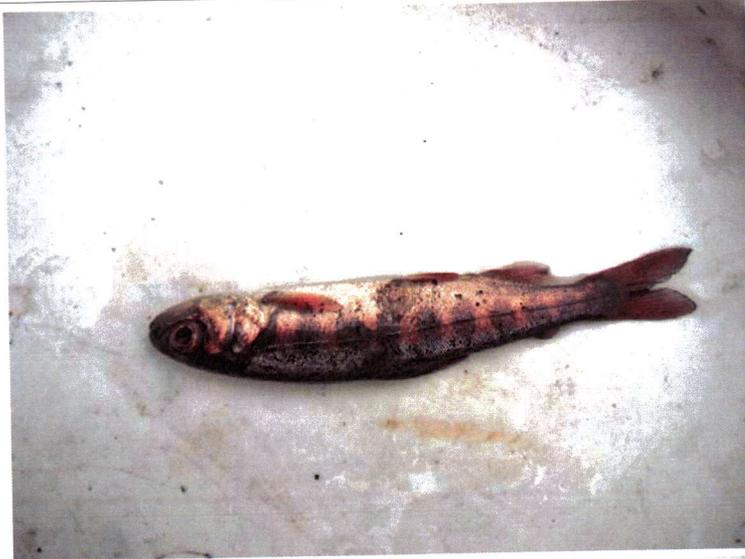
FSS1123C011480.jpg



State of Alaska
 Department of Fish and Game
 Division of Sport Fish

Fish Survey
 Nomination Form
 Anadromous Waters Catalog

Continuation of Reach: FSS1122C01



FSS1123C011481.jpg



FSS1123C011482.jpg

Station: FSS1124C01

Region: South Central USGS Quad: Talkeetna B-3 Legal Desc.: S025N010W17
 Addition Deletion Correction Backup Information Latitude/Longitude: 62.25186051 \ -151.16078256 (WGS84)

Observation Information

Date Observed: 09/03/201 Observer: Raye Ann Neustel, F&W Technician III
 Alaska Department of Fish and Game, Division of Sport Fish, RTS

Life History: Anadromous

- Species/Lifestage: Chinook salmon juvenile
- Species/Lifestage: coho salmon adult
- Species/Lifestage: coho salmon juvenile
- Species/Lifestage: sockeye salmon adult

- Sample Method (# Fish): MTR (2)
- Sample Method (# Fish): ANG (2) VOG (1)
- Sample Method (# Fish): MTR (3)
- Sample Method (# Fish): ANG (3) VOG (2)

Life History: Resident

- Species/Lifestage: rainbow trout juvenile

- Sample Method (# Fish): MTR (2)

Key to Sample Method

- Sample Method: (ANG) Angling
- Sample Method: (MTR) Minnow Trap
- Sample Method: (VOG) Visual Observation, Ground



State of Alaska
Department of Fish and Game
Division of Sport Fish

Fish Survey
Nomination Form
Anadromous Waters Catalog

Continuation of Reach: FSS1122C01

3170

Additional Comments: (Date 9/3/2011) Backup AWC stream 247-41-10200-2053 with Kr, COr, COp, Sp, Sr.



FSS1124C011487.jpg



FSS1124C011484.jpg



State of Alaska
Department of Fish and Game
Division of Sport Fish

Fish Survey
Nomination Form
Anadromous Waters Catalog

Continuation of Reach: FSS1122C01



FSS1124C011504.jpg



FSS1124C011501.jpg



FSS1124C011490.jpg



State of Alaska
Department of Fish and Game
Division of Sport Fish

Fish Survey
Nomination Form
Anadromous Waters Catalog

Continuation of Reach: FSS1122C01

Station: FSS1124C02

Region: South Central USGS Quad: Talkeetna ~~B-2~~ ^{A-3} Legal Desc.: S025N010W27 ✓

Addition Deletion Correction Backup Information Latitude\Longitude: 62.22231 \ -151.10507 (WGS84) ✓

Observation Information

Date Observed: 09/03/2011 Observer: Raye Ann Neustel, F&W Technician III
Alaska Department of Fish and Game, Division of Sport Fish, RTS

Life History: Anadromous

Species\Lifestage: sockeye salmon adult (suspected spawning) Sample Method (# Fish): VOG (55)

Key to Sample Method

Sample Method: (VOG) Visual Observation, Ground

Additional Comments: (Date 9/3/2011) Backup AWC stream 247-41-10200-~~2050~~ ²⁰⁵³⁻³¹⁷⁰ with Sp.

Station: FSS1125C01

Region: South Central USGS Quad: Talkeetna A-2 ✓ Legal Desc.: S024N009W30 ✓

Addition Deletion Correction Backup Information Latitude\Longitude: 62.13811414 \ -150.99934652 (WGS84) ✓

Observation Information

Date Observed: 09/04/2011 Observer: Raye Ann Neustel, F&W Technician III
Alaska Department of Fish and Game, Division of Sport Fish, RTS

Life History: Anadromous

Species\Lifestage: Chinook salmon juvenile Sample Method (# Fish): MTR (39) VOG (3)

Species\Lifestage: coho salmon juvenile Sample Method (# Fish): MTR (14) VOG (8)

Key to Sample Method

Sample Method: (MTR) Minnow Trap

Sample Method: (VOG) Visual Observation, Ground

Additional Comments: (Date 9/4/2011) Backup AWC stream 247-41-10200-2053-3170 with Kr, CO. ✓

Station: FSS1125C02

Region: South Central USGS Quad: Tyonek D-3 ✓ Legal Desc.: S022N009W34 ✓

Addition Deletion Correction Backup Information Latitude\Longitude: 61.95709018 \ -150.90675339 (WGS84) ✓

Observation Information

Date Observed: 09/04/2011 Observer: Raye Ann Neustel, F&W Technician III
Alaska Department of Fish and Game, Division of Sport Fish, RTS

Life History: Anadromous

Species\Lifestage: sockeye salmon adult (suspected spawning) Sample Method (# Fish): VOB (60)

Key to Sample Method

Sample Method: (VOB) Visual Observation, Boat

Additional Comments: (Date 9/4/2011) Backup AWC stream 247-41-10200-2053-3170 with Sp. ✓

Station: FSS1125C04

Region: South Central USGS Quad: Tyonek D-3 ✓ Legal Desc.: S021N009W03 ✓

Addition Deletion Correction Backup Information Latitude\Longitude: 61.93593468 \ -150.91383141 (WGS84) ✓

Observation Information

Date Observed: 09/04/2011 Observer: Raye Ann Neustel, F&W Technician III
Alaska Department of Fish and Game, Division of Sport Fish, RTS

Life History: Anadromous

Species\Lifestage: sockeye salmon adult spawning Sample Method (# Fish): VOG (50)

Key to Sample Method

Sample Method: (VOG) Visual Observation, Ground

Additional Comments: (Date 9/4/2011) Backup AWC stream 247-41-10200-2053-3170 with Ss. The main channel of Lake Creek that



State of Alaska
Department of Fish and Game
Division of Sport Fish

Fish Survey
Nomination Form
Anadromous Waters Catalog

Continuation of Reach: FSS1122C01

confluences with the Yentna River has changed starting at this site which is approximately 8 km upriver from the mouth and has formed a new channel approximately 4 km north of old main channel. See the BDL satellite imagery ↓

Station: FSS1126c01

Region: South Central USGS Quad: Tyonek D-3 ✓ Legal Desc.: S021N009W15 ✓

Addition Deletion Correction Backup Information Latitude\Longitude: 61.90602 \ -150.91483 (WGS84) ✓

Observation Information

Date Observed: 09/05/2011 Observer: Raye Ann Neustel, F&W Technician III
Alaska Department of Fish and Game, Division of Sport Fish, RTS

Life History:

Species\Lifestage:	Sample Method (# Fish):
Life History: Anadromous	
Species\Lifestage: chum salmon adult spawning	Sample Method (# Fish): VOG (250)
Species\Lifestage: chum salmon carcass	Sample Method (# Fish): VOG (100)
Species\Lifestage: coho salmon adult	Sample Method (# Fish): VOG (30)
Species\Lifestage: pink salmon adult spawning	Sample Method (# Fish): VOG (500)
Species\Lifestage: pink salmon carcass	Sample Method (# Fish): VOG (100)
Species\Lifestage: sockeye salmon adult spawning	Sample Method (# Fish): VOG (75)

Key to Sample Method

Sample Method: (VOG) Visual Observation, Ground

Additional Comments: (Date 9/5/2011) Extend AWC stream 247-41-10200-2053-3170 with Ps and backup with Ss, CHs. Extend Ps, CHs to waypoint 001.

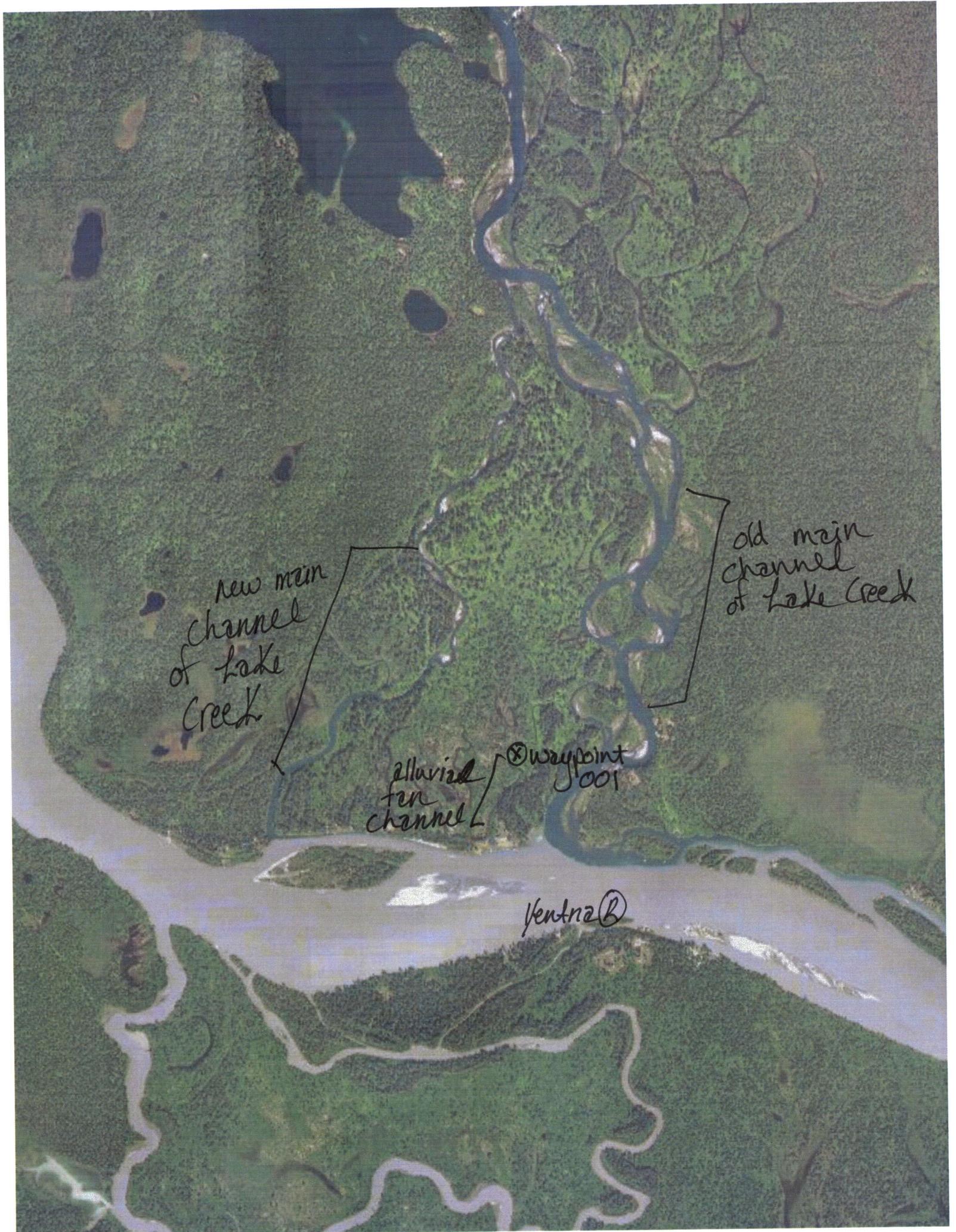
new main
channel
of Lake
Creek

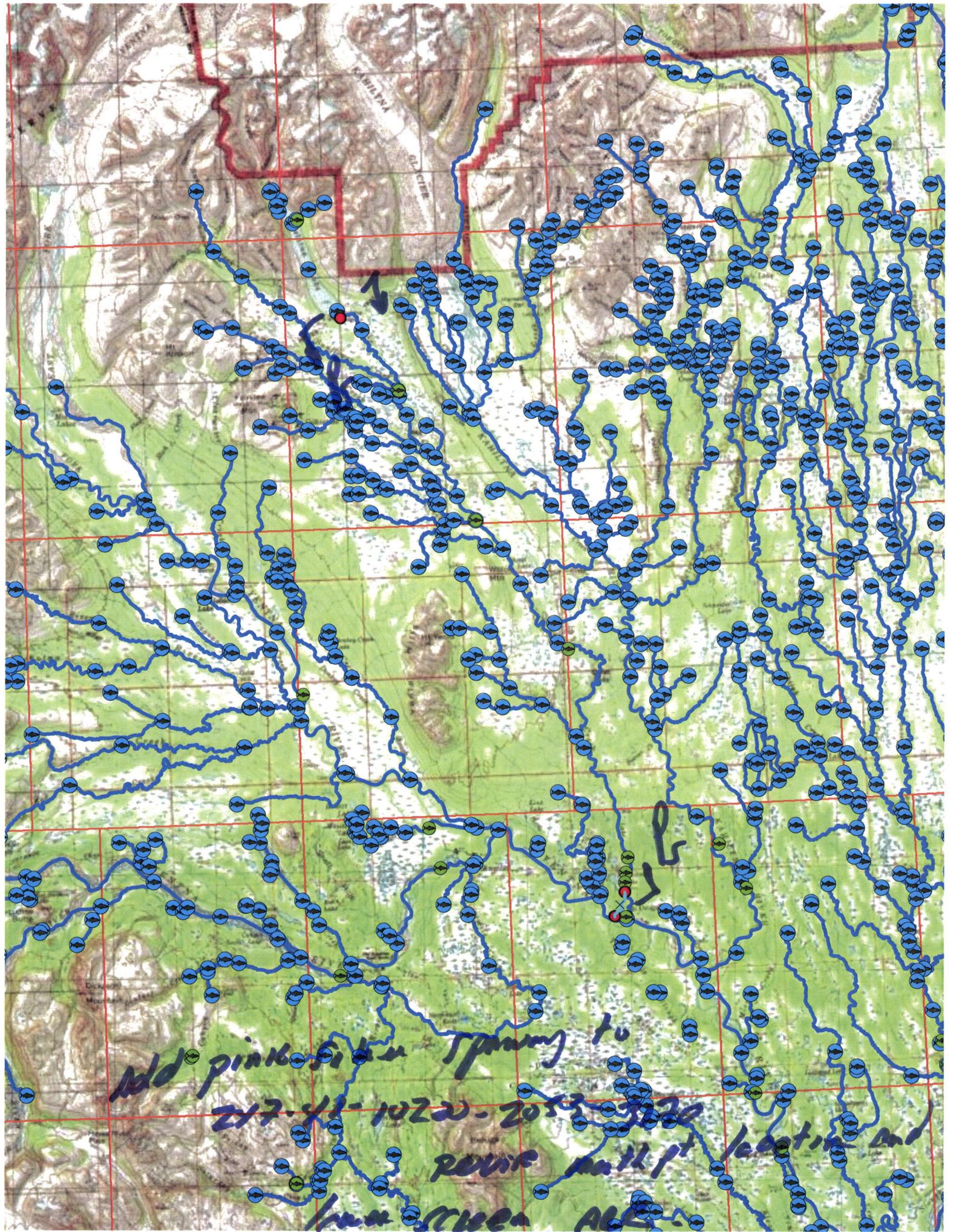
old main
channel
of Lake Creek

alluvial
fan
channel

⊗ waypoint
J001

Ventura ⊗





Add pink fish spring to
217-41-1020-2053-300
Review with location and
Lynn Schea ABC