



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

Fish Survey  
Nomination Form  
Anadromous Waters Catalog

*M*

Region: South Central USGS Quad: Anchorage B-5,  
Anadromous Waters Catalog Number of Waterway: 247-50-10200-2155- Status: \_\_\_\_\_  
Name of Waterway: \_\_\_\_\_  USGS Name  Local Name

Addition  Deletion  Correction  Backup Information

For Office Use

Nomination #	<u>110703</u>	<u>[Signature]</u>	<u>10/28/11</u>
Revision Year:	<u>2012</u>	Fisheries Scientist	Date
Revision to: Atlas _____ Catalog _____		<u>[Signature]</u>	<u>10/28/11</u>
Both <u>X</u>		Habitat Operations Manager	Date
Revision Code: <u>A-2</u>		<u>[Signature]</u>	<u>10/19/11</u>
		AWC Project Biologist	Date
		<u>[Signature]</u>	<u>11/2/11</u>
		Cartographer	Date

Projcode: FSS11 Reach ID: FSS1121B02

Species (Life Stage) (Total Count)	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon (adult) (30)	08/24/2011	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Anadromous
coho salmon (juvenile) (10)	08/24/2011 to 09/15/2011	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Anadromous
Dolly Varden (juvenile/adult) (14)	08/24/2011 to 09/15/2011	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Unknown
sculpin-unspecified (juvenile/adult) (2)	08/24/2011	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Resident
slimy sculpin (juvenile/adult) (1)	08/24/2011	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Resident
sockeye salmon (adult) (100)	08/24/2011	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Anadromous
sockeye salmon (adult spawning) (6)	09/15/2011 to 09/23/2011	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Anadromous
sockeye salmon (carcass) (4)	09/15/2011	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Anadromous
sockeye salmon (juvenile) (7)	08/24/2011	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Anadromous
threespine stickleback (adult) (10)	08/24/2011	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Unknown
threespine stickleback (juvenile/adult) (46)	08/24/2011 to 09/15/2011	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Unknown

*Add new stream w/ sockeye salmon present/rearing/spawning  
Add coho salmon rearing present to stream as indicated*

**Additional Comments:** We visited (by helicopter--sites 21B02 and 21A01, and by ATV--sites 02F04 and 03F03) a series of 4 sites in the same uncataloged, clear, Knik River tributary system, and found sockeye (adults and juveniles) and coho (adults and juveniles) salmon. This stream flows along the edge of the Knik River floodplain in an area dominated by mature-stage cottonwood and alder, which was abandoned by the main channel, but may still be flooded annually. This channel is clearly visible for mapping purposes in Bing Maps Aerial basemap (image attached). ATV trail in stream bed through sockeye salmon spawning area.

Reviewed \ Submitted By: Joe Buckwalter, Habitat Biologist II Phone: (907) 267-2345 Date Printed: 10/6/2011

Signature: [Signature]

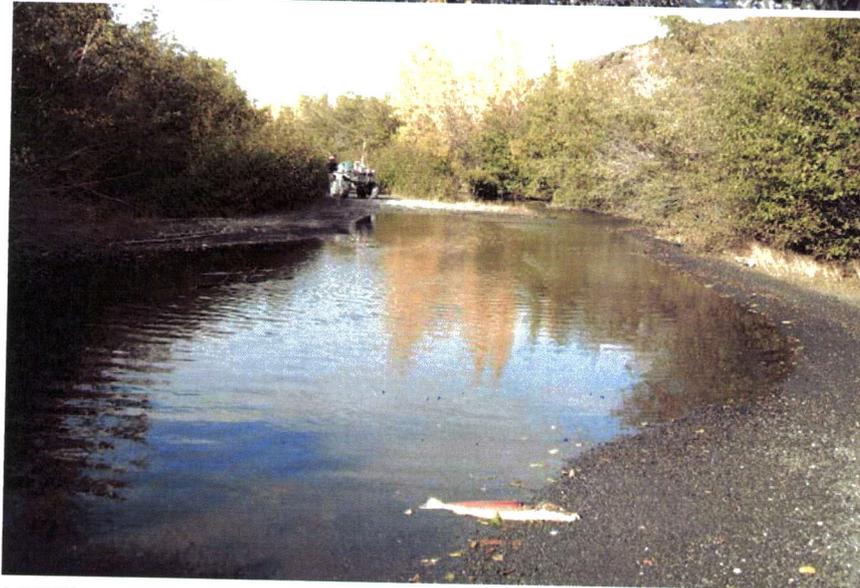
Address: Alaska Department of Fish and Game, Division of Sport Fish, RTS  
333 Raspberry Rd  
Anchorage, AK 99518

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: \_\_\_\_\_



FSS1102F040860.jpg  
 Sockeye salmon carcass.



FSS1102F040861.jpg

**Station:** FSS1103F03

**Region:** South Central      **USGS Quad:** Anchorage B-5      **Legal Desc.:** S016N004E15  
 **Addition**     **Deletion**     **Correction**     **Backup Information**    **Latitude\Longitude:** 61.47714 \ -148.70383 (NAD83)

**Observation Information**

**Date Observed:** 09/23/2011    **Observer:** Joe Buckwalter, Habitat Biologist II  
 Alaska Department of Fish and Game, Division of Sport Fish, RTS

**Life History:** Anadromous

**Species\Lifestage:** sockeye salmon adult spawning

**Sample Method (# Fish):** VOG (5)

**Key to Sample Method**

**Sample Method:** (VOG) Visual Observation, Ground

**Additional Comments:** (Date 9/23/2011) Add a new Knik River side channel with Ss.



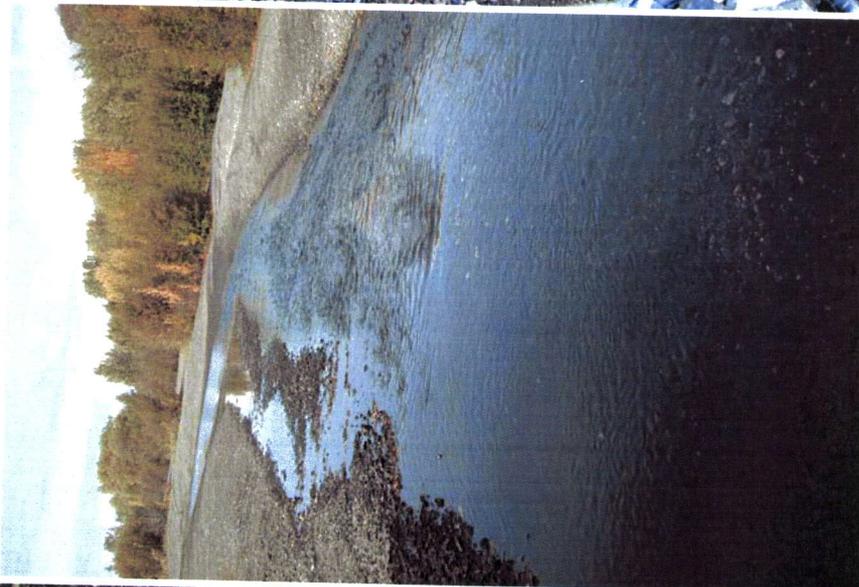
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Continuation of Reach: FSS1121B02



FSS1103F030902.jpg  
Sockeye redd.



FSS1103F030904.jpg



FSS1103F030905.jpg



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Continuation of Reach: FSS1121B02

Station: FSS1121A01

Region: South Central USGS Quad: Anchorage B-5 Legal Desc.: S016N004E15

Addition  Deletion  Correction  Backup Information Latitude\Longitude: 61.47886 \ -148.71049 (NAD83)

Observation Information

Date Observed: 08/24/2011 Observer: Joe Buckwalter, Habitat Biologist II  
 Alaska Department of Fish and Game, Division of Sport Fish, RTS

Life History: Anadromous

Species\Lifestage: coho salmon adult (suspected spawning)

Sample Method (# Fish): VOG (30)

Species\Lifestage: sockeye salmon adult (suspected spawning)

Sample Method (# Fish): VOG (100)

Key to Sample Method

Sample Method: (VOG) Visual Observation, Ground

Additional Comments: (Date 8/24/2011) Add a new Knik River side channel with COp and Sp.



FSS1121A010767.jpg



FSS1121A010770.jpg



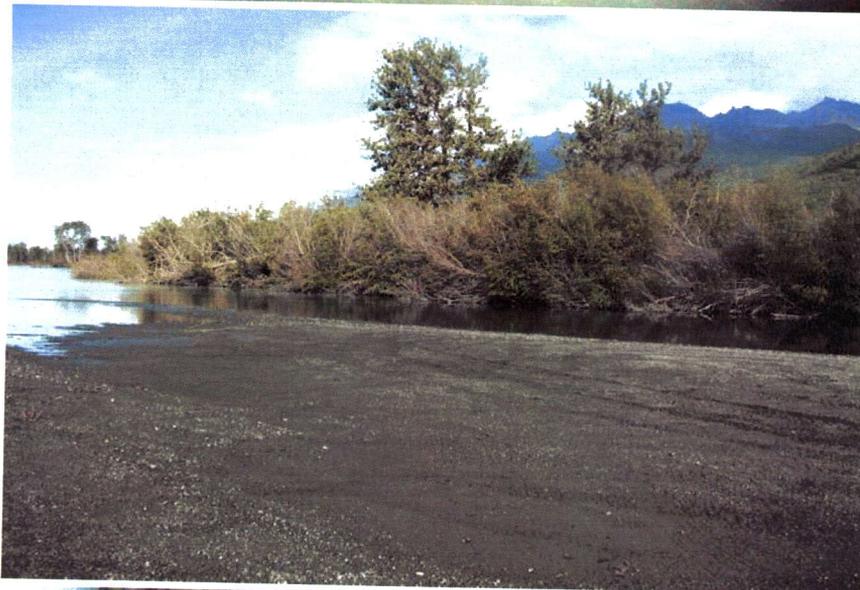
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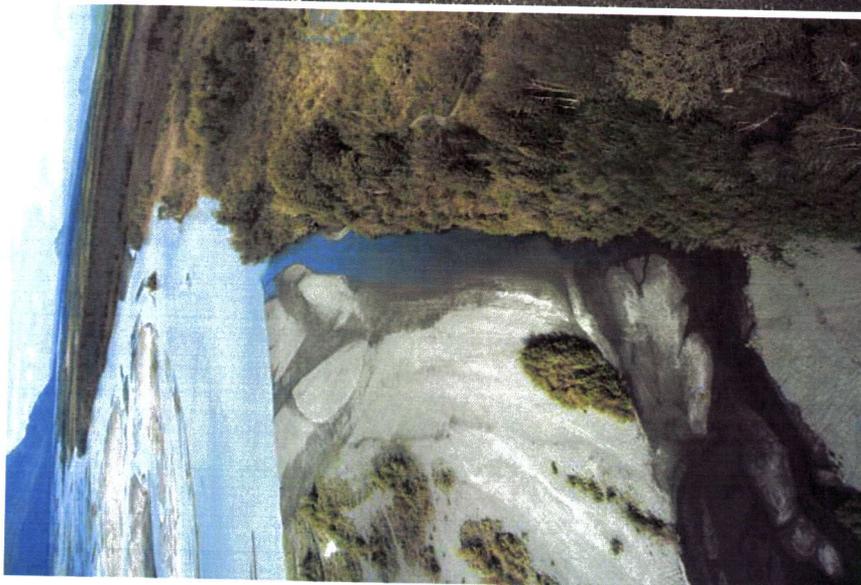
Continuation of Reach: FSS1121B02



FSS1121A010771.jpg



FSS1121A010772.jpg



FSS1121A010773.jpg



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Continuation of Reach: FSS1121B02



FSS1121A010774.jpg



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Continuation of Reach: FSS1121B02

**Station:** FSS1121B02

**Region:** South Central      **USGS Quad:** Anchorage B-5      **Legal Desc.:** S016N004E24

**Addition**     **Deletion**     **Correction**     **Backup Information**    **Latitude\Longitude:** 61.46628 \ -148.65442 (NAD83)

**Observation Information**

**Date Observed:** 08/24/2011    **Observer:** Raye Ann Neustel, F&W Technician III  
Alaska Department of Fish and Game, Division of Sport Fish, RTS

**Life History:** Anadromous

**Species\Lifestage:** coho salmon juvenile      **Sample Method (# Fish):** S24 (3) VOG (5)

**Species\Lifestage:** sockeye salmon juvenile      **Sample Method (# Fish):** S24 (5) VOG (2)

**Life History:** Resident

**Species\Lifestage:** sculpin-unspecified juvenile/adult      **Sample Method (# Fish):** VOG (2)

**Species\Lifestage:** slimy sculpin juvenile/adult      **Sample Method (# Fish):** S24 (1)

**Life History:** Unknown

**Species\Lifestage:** Dolly Varden juvenile/adult      **Sample Method (# Fish):** S24 (2) VOG (10)

**Species\Lifestage:** threespine stickleback adult      **Sample Method (# Fish):** VOG (10)

**Species\Lifestage:** threespine stickleback juvenile/adult      **Sample Method (# Fish):** S24 (1) VOG (30)

**Key to Sample Method**

**Sample Method:** (S24) Smith-Root LR-24

**Sample Method:** (VOG) Visual Observation, Ground

**Additional Comments:** (Date 8/24/2011) Add a new Knik River side channel with COr and Sr.



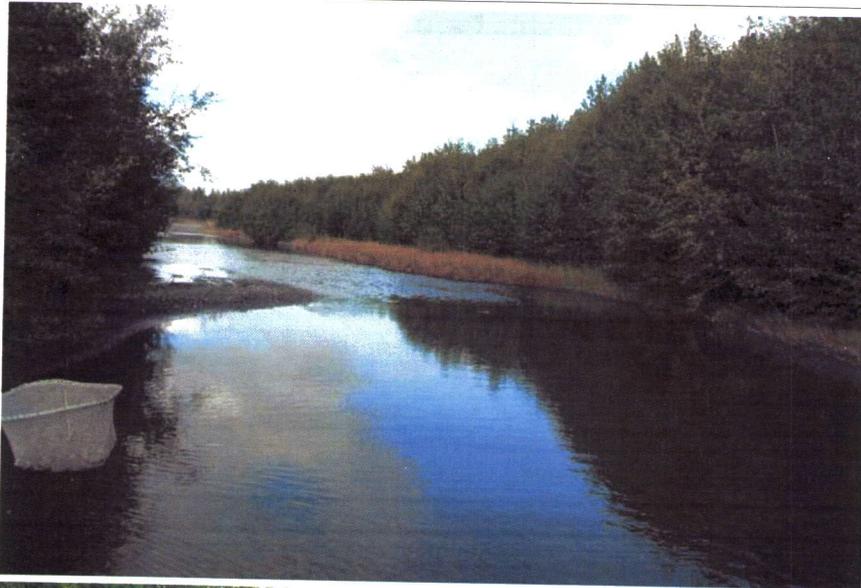
FSS1121B020461.jpg



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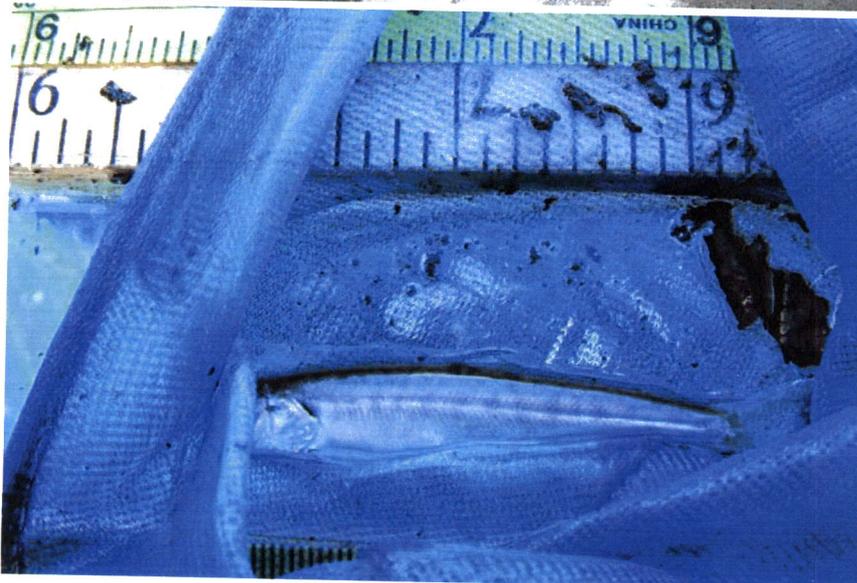
Continuation of Reach: FSS1121B02



FSS1121B020462.jpg



FSS1121B020463.jpg



FSS1121B020466.jpg  
Juvenile sockeye salmon.



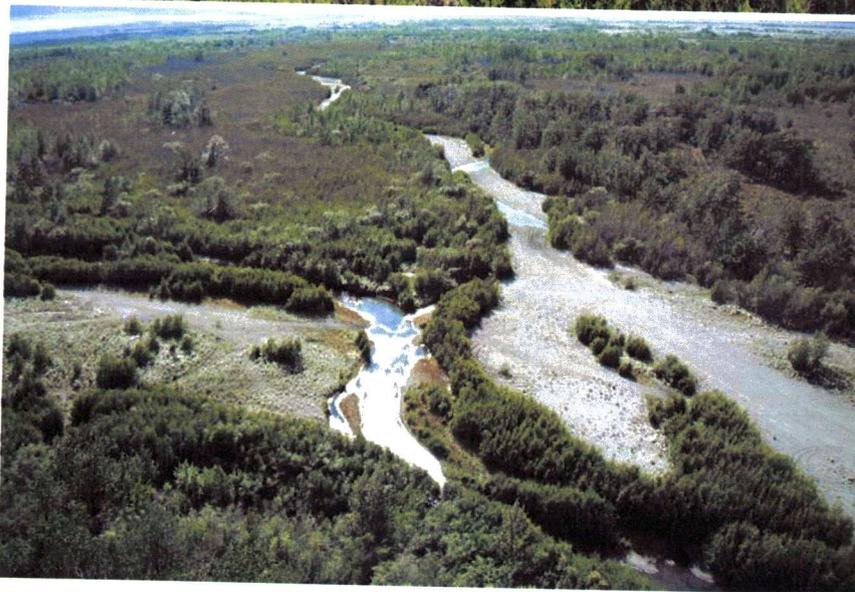
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Continuation of Reach: FSS1121B02



FSS1121B020467.jpg



FSS1121B020468.jpg

Station: FSS1102F04

Region: South Central USGS Quad: Anchorage B-5 Legal Desc.: S016N004E14

Addition  Deletion  Correction  Backup Information Latitude\Longitude: 61.47498 \ -148.69513 (NAD83)

**Observation Information**

Date Observed: 09/15/201 Observer: Joe Buckwalter, Habitat Biologist II  
 Alaska Department of Fish and Game, Division of Sport Fish, RTS

Life History: Anadromous

Species\Lifestage: coho salmon juvenile

Sample Method (# Fish): MTQ (2)

Species\Lifestage: sockeye salmon adult spawning

Sample Method (# Fish): VOG (1)

Species\Lifestage: sockeye salmon carcass (suspected spawning)

Sample Method (# Fish): VOG (4)

Life History: Unknown

Species\Lifestage: Dolly Varden juvenile/adult

Sample Method (# Fish): VOG (2)

Species\Lifestage: threespine stickleback juvenile/adult

Sample Method (# Fish): MTQ (15)

**Key to Sample Method**

Sample Method: (MTQ) Minnow Trap, 1/4 in. Mesh

Sample Method: (VOG) Visual Observation, Ground

Additional Comments: (Date 9/15/2011) Add a new Knik River side channel with COr and Ss.



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Continuation of Reach: FSS1121B02



FSS1102F040857.jpg  
Sockeye salmon carcass.



FSS1102F040858.jpg  
Sockeye salmon carcass.



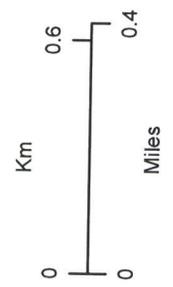
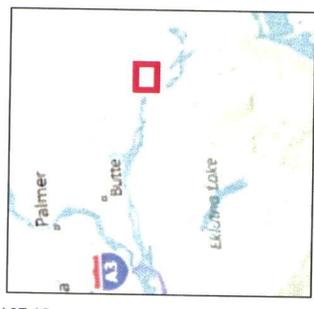
FSS1102F040859.jpg  
Sockeye salmon carcass.



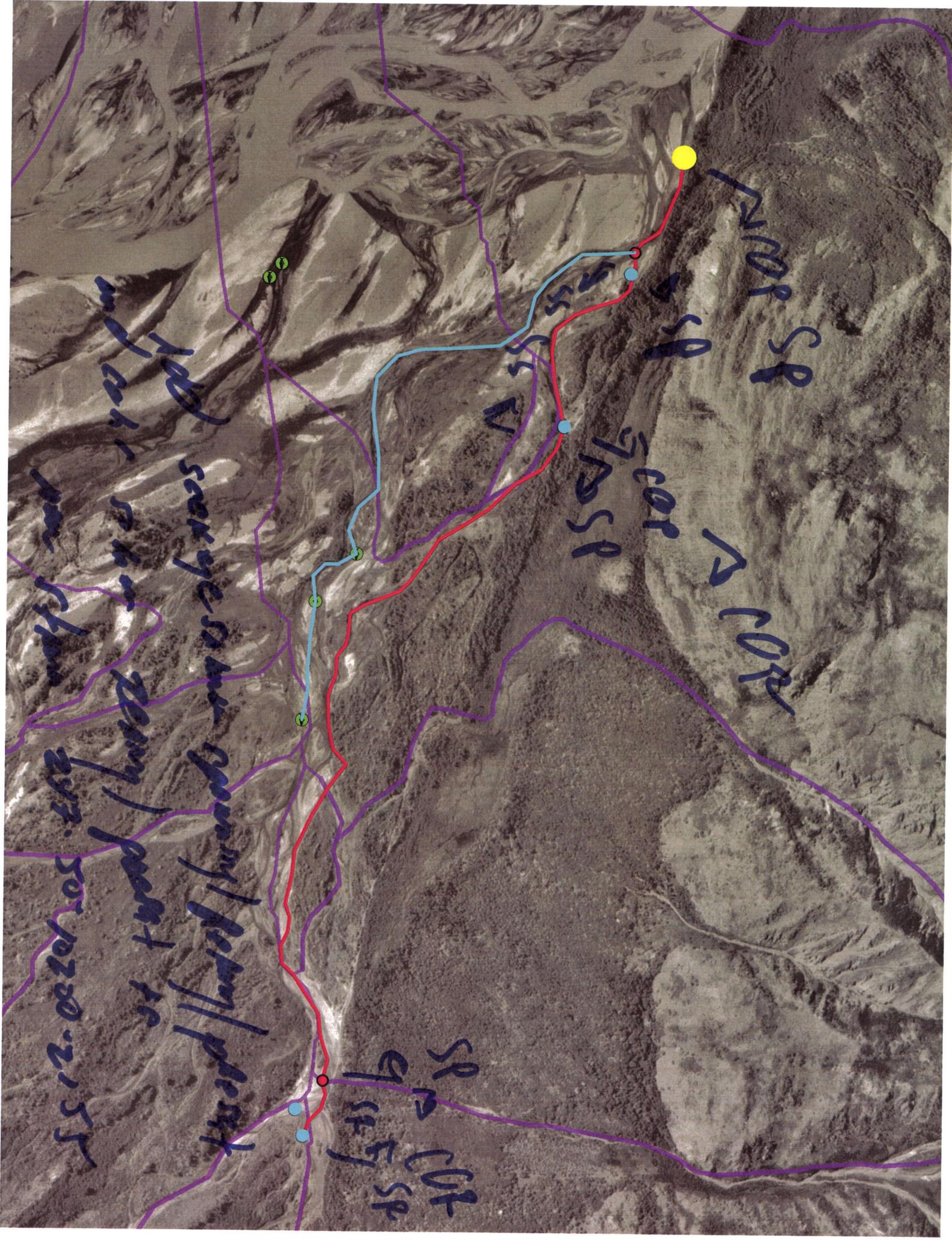
Fish inventory site  
 AWC additions  
 AWC stream (2011)  
 ITM quads

Imagery:  
 Bing Maps Aerial Basemap

Locator Map



Alut River



SP

SP

COR

COR

V

SP  
COR  
SP

add sewerage sewer opening / opening / point to  
and work on the (sewer) point to  
the sewer  
2017. 507. 102200-2155

