



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

Fish Survey
Nomination Form
Anadromous Waters Catalog

(11)

Region: Southcentral USGS Quad: Seward B-2
Anadromous Waters Catalog Number of Waterway: 226-10-16960-0010 Status: _____
Name of Waterway: Solf Lake USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>100469</u>		<u>7/14/10</u> Date
Revision Year: <u>2011</u>		<u>7/14/10</u> Date
Revision to: Atlas _____ Catalog _____ Both <u>X</u>		<u>25 MAR 10</u> Date
Revision Code: <u>B-1, B-2</u>		<u>11/9/10</u> Date

Projcode: 08109 Reach ID: 0810900148

Species (Life Stage) (Total Count)	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Pacific salmon- <u>unspecified</u> (adult) (1)	08-06-2008	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Anadromous
chum salmon (adult) (3)	07-15-2008 to 07-26-2008	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Anadromous
coho salmon (adult) (84)	08-01-2008 to 09-08-2008	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Anadromous
pink salmon (adult) (5)	07-15-2008 to 08-28-2008	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Anadromous
sockeye salmon (adult) (818)	07-03-2008 to 08-31-2008	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Anadromous

coho
Add chum and pink salmon present to stream
Add coho, chum, and pink salmon present to lake

Additional Comments: This nomination provides evidence in support of the addition of CHp and Pp as well as backup for Sp and COp in AWC stream # 226-10-16960. These observations were made along the shore of Solf lake near the outlet of the previously mentioned stream.

Reviewed \ Submitted By: Jonathan Kirsch, Fishery Biologist Phone: (907) 267-2292 Date Printed: 2/17/2010

Signature: 2/17/10

Address: Alaska Department of Fish and Game, Division of Sport Fish, Region 5
335 Raspberry Road
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: _____



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

Fish Survey
Nomination Form
Anadromous Waters Catalog

Continuation of Reach: 0810900148

Station: 0810900148

Region: Southcentral **USGS Quad:** Seward B-2 **Legal Desc.:** Sec 16, T. 4 N., R. 10 E., S.M.

Addition **Deletion** **Correction** **Backup Information** **Latitude\Longitude:** 60.431127 \ -147.72906 (NAD83)

Observation Information

- Date Observed:** 7/3/2008 **Visit:** 1 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult **Sample Method (# Fish):** VIU (1)
- Date Observed:** 7/4/2008 **Visit:** 2 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult **Sample Method (# Fish):** VIU (2)
- Date Observed:** 7/5/2008 **Visit:** 3 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult **Sample Method (# Fish):** VIU (8)
- Date Observed:** 7/6/2008 **Visit:** 4 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult **Sample Method (# Fish):** VIU (16)
- Date Observed:** 7/7/2008 **Visit:** 5 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult **Sample Method (# Fish):** VIU (9)
- Date Observed:** 7/8/2008 **Visit:** 6 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult **Sample Method (# Fish):** VIU (2)
- Date Observed:** 7/9/2008 **Visit:** 7 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult **Sample Method (# Fish):** VIU (2)
- Date Observed:** 7/10/2008 **Visit:** 8 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult **Sample Method (# Fish):** VIU (7)
- Date Observed:** 7/11/2008 **Visit:** 9 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult **Sample Method (# Fish):** VIU (37)
- Date Observed:** 7/12/2008 **Visit:** 10 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult **Sample Method (# Fish):** VIU (11)
- Date Observed:** 7/13/2008 **Visit:** 11 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult **Sample Method (# Fish):** VIU (97)
- Date Observed:** 7/14/2008 **Visit:** 12 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult **Sample Method (# Fish):** VIU (131)
- Date Observed:** 7/15/2008 **Visit:** 13 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: chum salmon adult **Sample Method (# Fish):** VIU (1)
Species\Lifestage: pink salmon adult **Sample Method (# Fish):** VIU (1)
Species\Lifestage: sockeye salmon adult **Sample Method (# Fish):** VIU (56)
- Date Observed:** 7/16/2008 **Visit:** 14 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: chum salmon adult **Sample Method (# Fish):** VIU (1)
Species\Lifestage: sockeye salmon adult **Sample Method (# Fish):** VIU (54)
- Date Observed:** 7/17/2008 **Visit:** 15 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult **Sample Method (# Fish):** VIU (29)
- Date Observed:** 7/18/2008 **Visit:** 16 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous



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

Fish Survey
Nomination Form
Anadromous Waters Catalog

Continuation of Reach: 0810900148

Date Observed: 7/18/2008 Visit: 16 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (28)

Date Observed: 7/19/2008 Visit: 17 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (5)

Date Observed: 7/20/2008 Visit: 18 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (71)

Date Observed: 7/21/2008 Visit: 19 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (21)

Date Observed: 7/22/2008 Visit: 20 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (17)

Date Observed: 7/23/2008 Visit: 21 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (19)

Date Observed: 7/24/2008 Visit: 22 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (7)

Date Observed: 7/25/2008 Visit: 23 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (12)

Date Observed: 7/26/2008 Visit: 24 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: chum salmon adult Sample Method (# Fish): VIU (1)
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (25)

Date Observed: 7/30/2008 Visit: 25 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (17)

Date Observed: 7/31/2008 Visit: 26 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (19)

Date Observed: 8/1/2008 Visit: 27 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: coho salmon adult Sample Method (# Fish): VIU (2)
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (1)

Date Observed: 8/2/2008 Visit: 28 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (19)

Date Observed: 8/3/2008 Visit: 29 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (10)

Date Observed: 8/4/2008 Visit: 30 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (8)

Date Observed: 8/5/2008 Visit: 31 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (3)

Date Observed: 8/6/2008 Visit: 32 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: Pacific salmon-undefined adult Sample Method (# Fish): VIU (1)
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (25)



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

Fish Survey
Nomination Form
Anadromous Waters Catalog

Continuation of Reach: 0810900148

Date Observed: 8/7/2008 Visit: 33 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (1)

Date Observed: 8/8/2008 Visit: 34 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: pink salmon adult Sample Method (# Fish): VIU (1)
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (1)

Date Observed: 8/9/2008 Visit: 35 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (10)

Date Observed: 8/10/2008 Visit: 36 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (9)

Date Observed: 8/11/2008 Visit: 37 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (1)

Date Observed: 8/12/2008 Visit: 38 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (5)

Date Observed: 8/14/2008 Visit: 39 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: coho salmon adult Sample Method (# Fish): VIU (1)
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (3)

Date Observed: 8/15/2008 Visit: 40 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: coho salmon adult Sample Method (# Fish): VIU (1)
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (2)

Date Observed: 8/16/2008 Visit: 41 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: coho salmon adult Sample Method (# Fish): VIU (1)
Species\Lifestage: pink salmon adult Sample Method (# Fish): VIU (1)
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (1)

Date Observed: 8/17/2008 Visit: 42 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: coho salmon adult Sample Method (# Fish): VIU (1)
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (1)

Date Observed: 8/18/2008 Visit: 43 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: coho salmon adult Sample Method (# Fish): VIU (2)
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (4)

Date Observed: 8/19/2008 Visit: 44 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: coho salmon adult Sample Method (# Fish): VIU (1)

Date Observed: 8/20/2008 Visit: 45 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: coho salmon adult Sample Method (# Fish): VIU (5)
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (5)

Date Observed: 8/22/2008 Visit: 46 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: coho salmon adult Sample Method (# Fish): VIU (4)

Date Observed: 8/23/2008 Visit: 47 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: coho salmon adult Sample Method (# Fish): VIU (5)
Species\Lifestage: sockeye salmon adult Sample Method (# Fish): VIU (1)

Date Observed: 8/24/2008 Visit: 48 Observer: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District



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

**Fish Survey
Nomination Form
Anadromous Waters Catalog**

Continuation of Reach: 0810900148

Date Observed: 8/24/2008 **Visit:** 48 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: coho salmon adult **Sample Method (# Fish):** VIU (3)
Species\Lifestage: sockeye salmon adult **Sample Method (# Fish):** VIU (1)

Date Observed: 8/25/2008 **Visit:** 49 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: coho salmon adult **Sample Method (# Fish):** VIU (5)
Species\Lifestage: sockeye salmon adult **Sample Method (# Fish):** VIU (1)

Date Observed: 8/26/2008 **Visit:** 50 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: coho salmon adult **Sample Method (# Fish):** VIU (6)
Species\Lifestage: sockeye salmon adult **Sample Method (# Fish):** VIU (1)

Date Observed: 8/27/2008 **Visit:** 51 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: coho salmon adult **Sample Method (# Fish):** VIU (4)
Species\Lifestage: pink salmon adult **Sample Method (# Fish):** VIU (1)
Species\Lifestage: sockeye salmon adult **Sample Method (# Fish):** VIU (1)

Date Observed: 8/28/2008 **Visit:** 52 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: coho salmon adult **Sample Method (# Fish):** VIU (1)
Species\Lifestage: pink salmon adult **Sample Method (# Fish):** VIU (1)

Date Observed: 8/29/2008 **Visit:** 53 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: coho salmon adult **Sample Method (# Fish):** VIU (2)

Date Observed: 8/30/2008 **Visit:** 54 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: coho salmon adult **Sample Method (# Fish):** VIU (3)

Date Observed: 8/31/2008 **Visit:** 55 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: coho salmon adult **Sample Method (# Fish):** VIU (7)
Species\Lifestage: sockeye salmon adult **Sample Method (# Fish):** VIU (1)

Date Observed: 9/1/2008 **Visit:** 56 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: coho salmon adult **Sample Method (# Fish):** VIU (5)

Date Observed: 9/5/2008 **Visit:** 57 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: coho salmon adult **Sample Method (# Fish):** VIU (7)

Date Observed: 9/6/2008 **Visit:** 58 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: coho salmon adult **Sample Method (# Fish):** VIU (11)

Date Observed: 9/7/2008 **Visit:** 59 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: coho salmon adult **Sample Method (# Fish):** VIU (4)

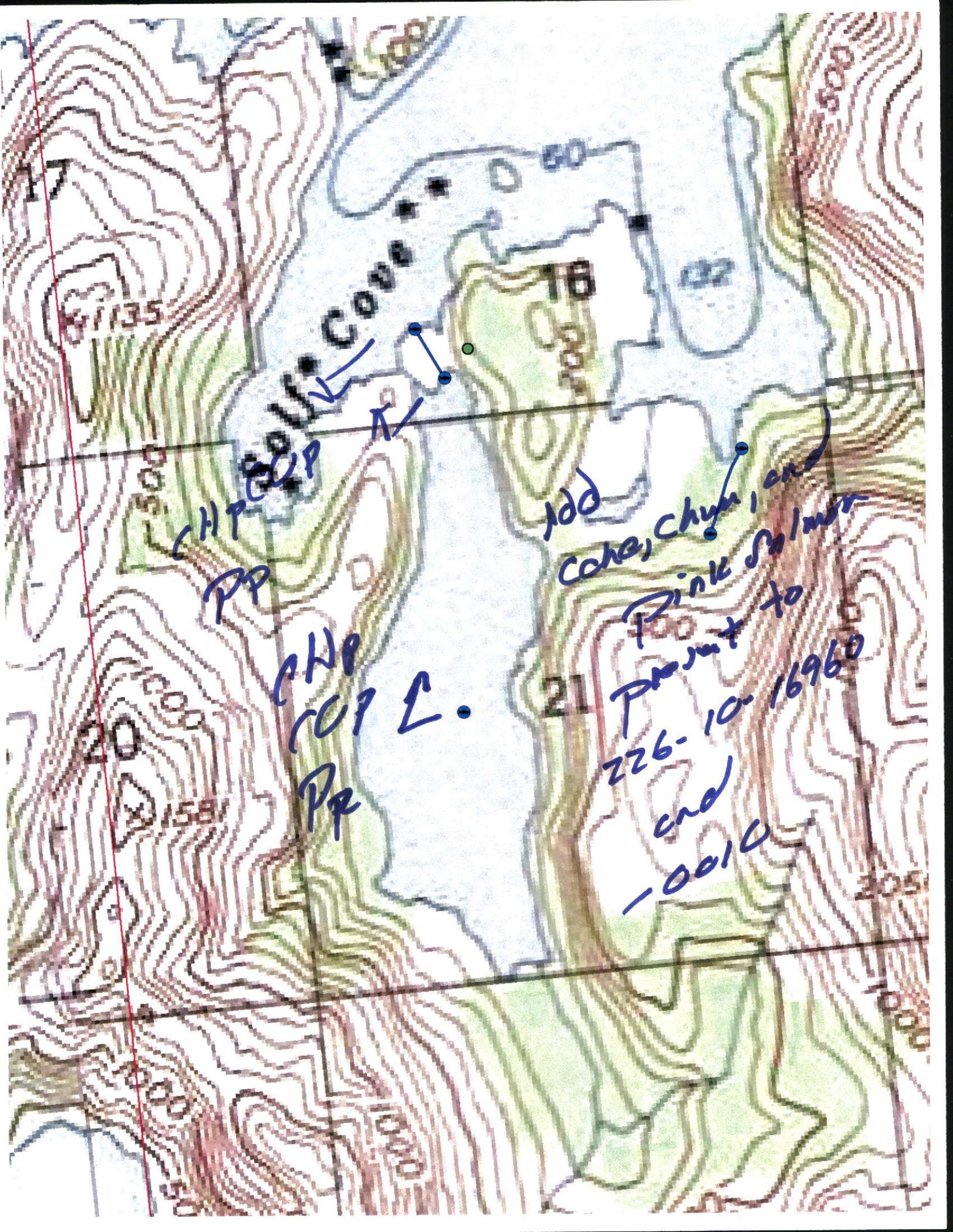
Date Observed: 9/8/2008 **Visit:** 60 **Observer:** Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District
Life History: Anadromous
Species\Lifestage: coho salmon adult **Sample Method (# Fish):** VIU (3)

Key to Sample Method

Sample Method: (VIU) Underwater video camera

Additional Comments: (Visit 1) Add CHp and Pp as well as backup COp and Sp in AWC stream # 226-10-16960.

Project Supervisor: Sean Stash, Fishery Biologist U.S. Forest Service, Glacier Ranger District



17
1135

18
1100

500

HP
PP

HP
PP
L.

Add
Coke, Chyn, end
Pink Palmer
Present to
226-10-16960
end
-0010

21

205

200

1000