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AWC DATABASE CATALOG/ATLAS
CORRECTION FORM

CORRECTION TO: Atlas X Catalog X

Region: SWT

Map: Cold Bay A-1

Water Body Number: 283-34-11000-2009 pts

Describe Change(s): Changed spawning to presence as per nomination

 and moved mid end point for 11000

Change Requested By: Johnson 2/27/14
Date

Drafted/Digitized By: Thalassa Smith 2/27/2014
Date

Revision Code: C-8

Nomination Number: 13-204

****ATTACH THIS FORM TO EXISTING NOMINATION FORM****



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

Nomination Form
Anadromous Waters Catalog

Region Southwest USGS Quad(s) Cold Bay A-1
 Anadromous Waters Catalog Number of Waterway 283-34-11000-2009
 Name of Waterway Waterfall Creek USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

| | | |
|---|--|-------------------------|
| Nomination # <u>130204</u> | <u>[Signature]</u> Fisheries Scientist | <u>10/27/13</u> Date |
| Revision Year: <u>2014</u> | <u>[Signature]</u> Habitat Operations Manager | <u>10/29/13</u> Date |
| Revision to: Atlas _____ Catalog _____ Both <u>✓</u> | <u>[Signature]</u> AWC Project Biologist | <u>10/31/13</u> Date |
| Revision Code: <u>A-1, B-1, C-9</u> | <u>[Signature]</u> Cartographer | <u>11/2/13</u> Date |

OBSERVATION INFORMATION

| Species | Date(s) Observed | Spawning | Rearing | Present | Anadromous |
|---|------------------|----------|---------|---------|-------------------------------------|
| Pink Salmon | 9/17/2013 | x | | x | <input checked="" type="checkbox"/> |
| | | | | | <input type="checkbox"/> |
| <u>Extend stream and add pink salmon spawning / present</u> | | | | | <input type="checkbox"/> |
| <u>update hydrography</u> | | | | | <input type="checkbox"/> |

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 other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments

On 17 September, 2013, Habitat Biologists Josh Brekken and Brad Dunker (ADF&G Habitat Division, Anchorage) conducted a stream survey of Waterfall Creek to analyze flow and document fish presence or absence. We conducted a carcass survey and a visual survey of live adult pink salmon and recorded underwater video at selected sites along the creek. 256 adult pink salmon were observed from the upper limits depicted on the attached map to the confluence with Delta Creek. Of the 256, 211 were carcasses and 46 were live fish. GPS coordinates were taken at the upper most point where pink salmon were observed and at various locations where salmon or identifiable redds were observed downstream of the upper most location. Redds were observed in the reach of stream upstream of the current upstream AWC marker and in the currently listed AWC reach. Also, our pressure transducer was buried in a redd as eggs were observed during retrieval of our instrument. Photographs and video were taken. Photos are attached.

ALASKA DEPT OF FISH & GAME
SEP 25 2013

Name of Observer (please print): Brad Dunker, Habitat Biologist
 Signature: _____
 Agency: ADF&G, Division of Habitat
 Address: 333 Raspberry Road
Anchorage, AK 99518

Date: 9/24/2013

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.

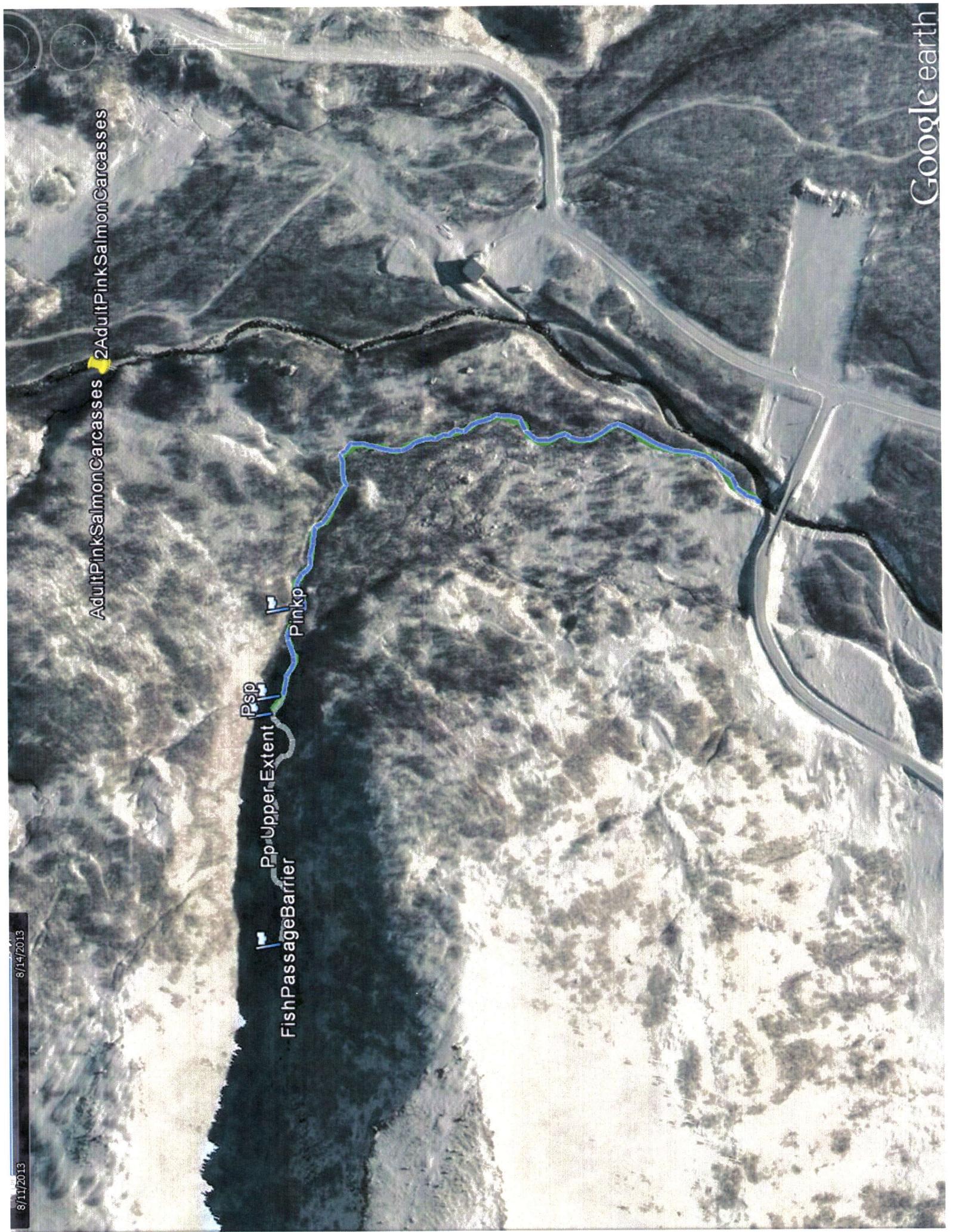
Signature of Area Biologist: _____ Date: _____ Revision 05/08
 Name of Area Biologist (please print): _____

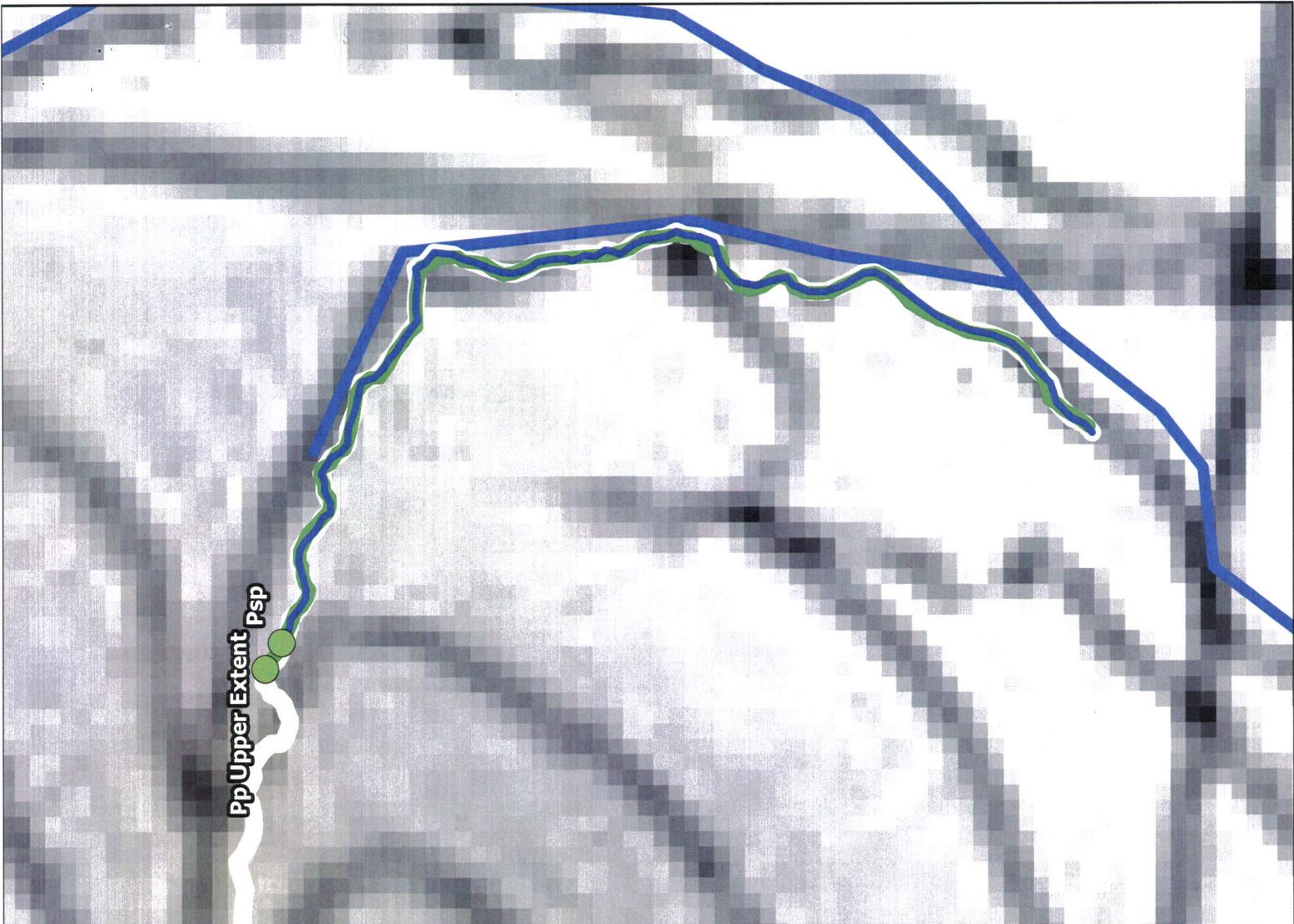
8/11/2013 8/14/2013

AdultPinkSalmonCarcasses 2AdultPinkSalmonCarcasses

Fish Passage Barrier
Pp Upper Extent
Pinkp

Google earth





Waterfall Creek Hydropower Study 17SEPT13

Upper Extent of Presence



Upper extent of Spawning



Spawning Reach

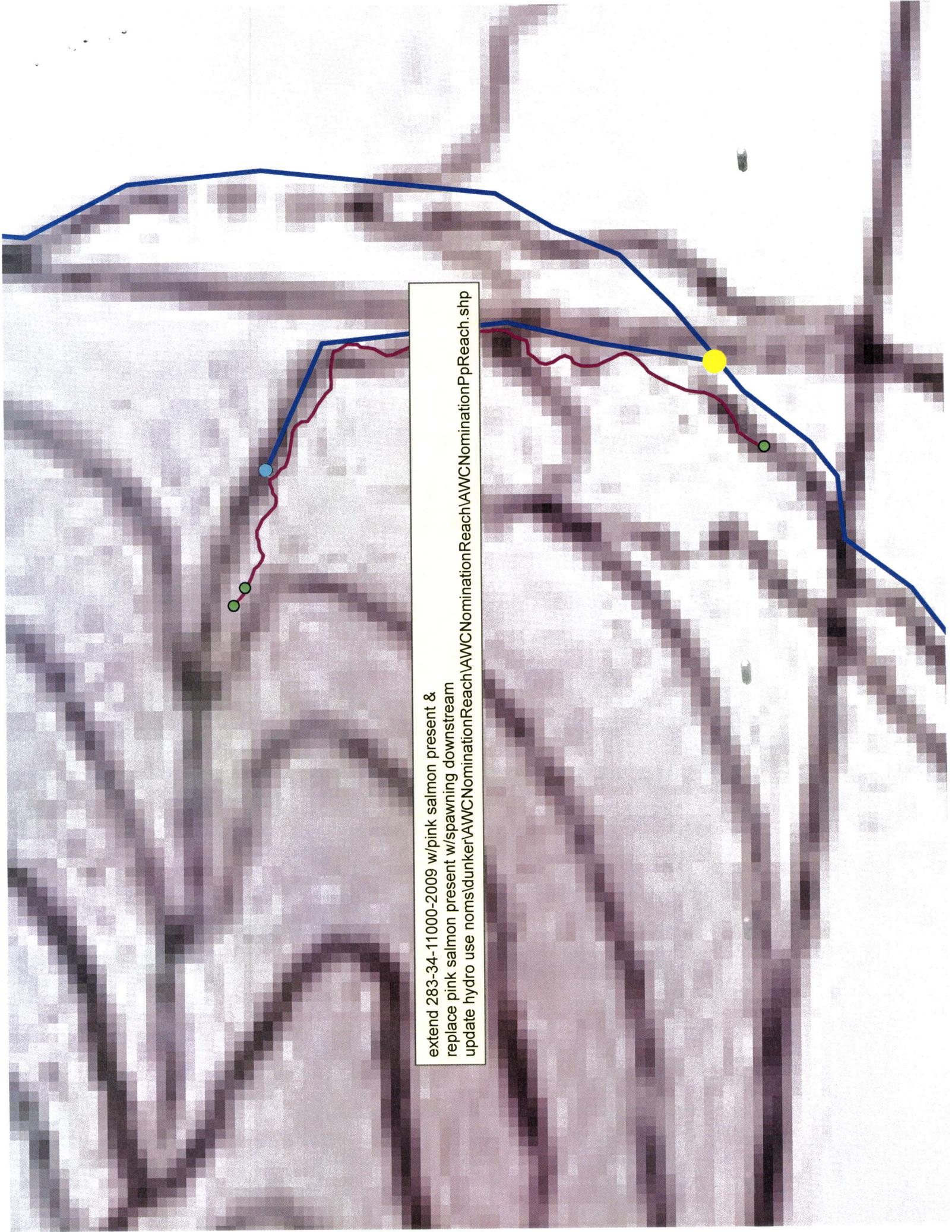


Presence Reach



Survey Extent





extend 283-34-11000-2009 w/pink salmon present &
replace pink salmon present w/spawning downstream
update hydro use norms\dunker\AWCNominationReach\AWCNominationReach\AWCNominationPpReach.shp