



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

Fish Survey  
Nomination Form  
Anadromous Waters Catalog

Region: Southwest USGS Quad: Kodiak D-2  
Anadromous Waters Catalog Number of Waterway: 259-21-1012C-0910 Status: \_\_\_\_\_  
Name of Waterway: Buskin River  USGS Name  Local Name

Addition  Deletion  Correction  Backup Information

For Office Use

Nomination # <u>100488</u>		<u>7/14/10</u>
Revision Year: <u>2011</u>		
Revision to: Atlas _____ Catalog _____		<u>7/14/10</u>
Both <input checked="" type="checkbox"/>		
Revision Code: <u>B-2, E-1, C-9</u>		<u>1 Aug 10</u>
		<u>9/8/10</u>

Projcode: 08137 Reach ID: 0813700002

Species (Life Stage) (Total Count)	Date(s) Observed	Spawning	Rearing	Present	Anadromous
chum salmon (juvenile) (61)	06-17-2008 to 06-20-2008	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Anadromous
coho salmon (juvenile) (231)	06-17-2008 to 06-20-2008	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Anadromous
pink salmon (juvenile) (3)	06-17-2008 to 06-20-2008	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Anadromous
sockeye salmon (juvenile) (67)	06-17-2008 to 06-20-2008	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Anadromous
starry flounder (juvenile) (14)	06-17-2008 to 06-20-2008	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Marine/Estuarine
starry flounder (not recorded) (5)	06-17-2008	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Marine/Estuarine
Pacific staghorn sculpin (not recorded) (68)	06-17-2008 to 06-20-2008	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Marine/Estuarine
sculpin-unspecified (not recorded) (3)	06-17-2008	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Resident
Dolly Varden (juvenile) (1)	06-17-2008	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unknown
salmonid, unspecified (juvenile) (1)	06-20-2008	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unknown
threespine stickleback (not recorded) (23)	06-20-2008	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Unknown
rainbow trout (juvenile/adult) (1)	06-20-2008	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Unknown
rainbow trout (juvenile) (11)	06-20-2008	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unknown

*Change lower stream mouth and hydrography near mouth  
add Chum, coho, sockeye and PINK salmon rearing to mouth  
Add Dolly Varden & Steelhead trout rearing*

**Additional Comments:** This nomination provides anadromous waters information for each sample site on AWC stream # 259-21-1012C. Stations included in this nomination beginning with the upstream most station are 00002, 00003, 00004, 00009, 00005, 00006, 00007 and 00008. The information herein provided evidence for the addition of CHR, COr, Sr, Pr, DVr, and SHr to the before mentioned AWC stream. Individual station nomination comments are included in the following pages. These study sites are within tidal influence, which leads me to believe that the juvenile Dolly Varden and rainbow trout observed may be of anadromous origin. The information used to develop this nomination was provided to the Alaska Department of Fish and Game as a stipulation of fish resource permit # SF2008-137.

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  
333 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: \_\_\_\_\_

**Johnson, J D (DFG)**

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**From:** Tracy, Donn A (DFG)  
**Sent:** Wednesday, March 31, 2010 10:05 AM  
**To:** Johnson, J D (DFG)  
**Subject:** RE: buskin river

Hi Jay,

Yes, I agree that you should change the AWC to reflect the current mouth location. Another reason to do so is that the FAA is planning on constructing runway extensions near the Buskin, one of which will permanently direct the mouth in a northerly direction. Take care -  
dt

-----Original Message-----

**From:** Johnson, J D (DFG)  
**Sent:** Tuesday, March 30, 2010 8:50 AM  
**To:** Tracy, Donn A (DFG)  
**Subject:** buskin river

Donn

The attached shows the mouth of Buskin River

All the arcs (lines) show mouth to the south but photo obviously shows new mouth

What do you think, I'm inclined to change mouth pt for AWC

J. Johnson

ADF&G

AWC Project Biologist

267-2337



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Continuation of Reach: 0813700002

Station: 0813700002

Region: Southwest USGS Quad: Kodiak D-2 Legal Desc.: Sec 14, T. 28 S., R. 20 W., S.M.  
 Addition  Deletion  Correction  Backup Information Latitude\Longitude: 57.7540691753 \ -152.488166183 (NAD83)

Observation Information

Date Observed: 6/17/2008 Visit: 1 Observer: Elizabeth L. Arsan, , SWCA Environmental Consultants  
 Life History: Anadromous  
 Species\Lifestage: chum salmon juvenile Sample Method (# Fish): FYK (1)  
 Life History: Resident  
 Species\Lifestage: sculpin-unspecified not recorded Sample Method (# Fish): FYK (3)

Key to Sample Method

Sample Method: (FYK) Fyke Net

Additional Comments: (Visit 1) Add CHR to AWC stream # 259-21-10120.

Project Supervisor:

Station: 0813700003

Region: Southwest USGS Quad: Kodiak D-2 Legal Desc.: Sec 14, T. 28 S., R. 20 W., S.M.  
 Addition  Deletion  Correction  Backup Information Latitude\Longitude: 57.7540950163 \ -152.487215294 (NAD83)

Observation Information

Date Observed: 6/17/2008 Visit: 1 Observer: Kathleen J. Williamson, , SWCA Environmental Consultants  
 Life History: Anadromous  
 Species\Lifestage: coho salmon juvenile Sample Method (# Fish): FYK (1)

Key to Sample Method

Sample Method: (FYK) Fyke Net

Additional Comments: (Visit 1) Add COr to AWC stream # 259-21-10120.

Project Supervisor:

Station: 0813700004

Region: Southwest USGS Quad: Kodiak D-2 Legal Desc.: Sec 14, T. 28 S., R. 20 W., S.M.  
 Addition  Deletion  Correction  Backup Information Latitude\Longitude: 57.7536012872 \ -152.485127298 (NAD83)

Observation Information

Date Observed: 6/17/2008 Visit: 1 Observer: Kathleen J. Williamson, , SWCA Environmental Consultants  
 Life History: Anadromous  
 Species\Lifestage: chum salmon juvenile Sample Method (# Fish): SEI (10)  
 Species\Lifestage: coho salmon juvenile Sample Method (# Fish): SEI (41)  
 Species\Lifestage: sockeye salmon juvenile Sample Method (# Fish): SEI (39)  
 Life History: Marine/Estuarine  
 Species\Lifestage: starry flounder juvenile Sample Method (# Fish): SEI (9)  
 Species\Lifestage: starry flounder not recorded Sample Method (# Fish): SEI (5)  
 Species\Lifestage: Pacific staghorn sculpin not recorded Sample Method (# Fish): SEI (2)  
 Life History: Unknown  
 Species\Lifestage: Dolly Varden juvenile Sample Method (# Fish): SEI (1)

Key to Sample Method

Sample Method: (SEI) Seine

Additional Comments: (Visit 1) Add <sup>CHR</sup> COr, Sr and DVr to AWC stream # 259-21-10120.

Project Supervisor:

Station: 0813700009

Region: Southwest USGS Quad: Kodiak D-2 Legal Desc.: Sec 14, T. 28 S., R. 20 W., S.M.  
 Addition  Deletion  Correction  Backup Information Latitude\Longitude: 57.7536251828 \ -152.485060428 (NAD83)

Observation Information



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Continuation of Reach: 0813700002

Date Observed: 6/20/2008 Visit: 1 Observer: Elizabeth L. Arsan, , SWCA Environmental Consultants

Life History: Anadromous

Species\Lifestage: chum salmon juvenile

Sample Method (# Fish): SEI (46)

Species\Lifestage: coho salmon juvenile

Sample Method (# Fish): SEI (79)

Species\Lifestage: pink salmon juvenile

Sample Method (# Fish): SEI (1)

Species\Lifestage: sockeye salmon juvenile

Sample Method (# Fish): SEI (28)

Life History: Marine/Estuarine

Species\Lifestage: starry flounder juvenile

Sample Method (# Fish): SEI (3)

Species\Lifestage: Pacific staghorn sculpin not recorded

Sample Method (# Fish): SEI (7)

Key to Sample Method

Sample Method: (SEI) Seine

Additional Comments: (Visit 1) Add CHR, COr, Pr and Sr to AWC stream # 259-21-10120.

Project Supervisor:

Station: 0813700005

Region: Southwest USGS Quad: Kodiak D-2 Legal Desc.: Sec 14, T. 28 S., R. 20 W., S.M.

Addition  Deletion  Correction  Backup Information Latitude\Longitude: 57.7537520454 \ -152.485088733 (NAD83)

Observation Information

Date Observed: 6/17/2008 Visit: 1 Observer: Elizabeth L. Arsan, , SWCA Environmental Consultants

Life History: Anadromous

Species\Lifestage: pink salmon juvenile

Sample Method (# Fish): FYK (2)

Key to Sample Method

Sample Method: (FYK) Fyke Net

Additional Comments: (Visit 1) Add Pr to AWC stream # 259-21-10120.

Project Supervisor:

Station: 0813700006

Region: Southwest USGS Quad: Kodiak D-2 Legal Desc.: Sec 14, T. 28 S., R. 20 W., S.M.

Addition  Deletion  Correction  Backup Information Latitude\Longitude: 57.7548691413 \ -152.486390395 (NAD83)

Observation Information

Date Observed: 6/20/2008 Visit: 1 Observer: Elizabeth L. Arsan, , SWCA Environmental Consultants

Life History: Anadromous

Species\Lifestage: coho salmon juvenile

Sample Method (# Fish): SEI (10)

Life History: Marine/Estuarine

Species\Lifestage: Pacific staghorn sculpin not recorded

Sample Method (# Fish): SEI (1)

Life History: Unknown

Species\Lifestage: salmonid, unspecified juvenile

Sample Method (# Fish): SEI (1)

Species\Lifestage: threespine stickleback not recorded

Sample Method (# Fish): SEI (2)

Species\Lifestage: rainbow trout juvenile

Sample Method (# Fish): SEI (9)

Key to Sample Method

Sample Method: (SEI) Seine

Additional Comments: (Visit 1) Add COr and SHr to AWC stream # 259-21-10120.

Project Supervisor:

Station: 0813700007

Region: Southwest USGS Quad: Kodiak D-2 Legal Desc.: Sec 14, T. 28 S., R. 20 W., S.M.

Addition  Deletion  Correction  Backup Information Latitude\Longitude: 57.7546654202 \ -152.48579084 (NAD83)

Observation Information

Date Observed: 6/20/2008 Visit: 1 Observer: Elizabeth L. Arsan, , SWCA Environmental Consultants

Life History: Anadromous



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Continuation of Reach: 0813700002

Date Observed: 6/20/2008 Visit: 1 Observer: Elizabeth L. Arsan, , SWCA Environmental Consultants

Life History: Anadromous

Species\Lifestage: chum salmon juvenile

Sample Method (# Fish): SEI (3)

Species\Lifestage: coho salmon juvenile

Sample Method (# Fish): SEI (38)

Life History: Marine/Estuarine

Species\Lifestage: starry flounder juvenile

Sample Method (# Fish): SEI (2)

Species\Lifestage: Pacific staghorn sculpin not recorded

Sample Method (# Fish): SEI (58)

Life History: Unknown

Species\Lifestage: threespine stickleback not recorded

Sample Method (# Fish): SEI (20)

Species\Lifestage: rainbow trout juvenile/adult

Sample Method (# Fish): SEI (1)

Species\Lifestage: rainbow trout juvenile

Sample Method (# Fish): SEI (2)

Key to Sample Method

Sample Method: (SEI) Seine

Additional Comments: (Visit 1) Add CHR, COr and SHr to AWC stream # 259-21-10120.

Project Supervisor:

Station: 0813700008

Region: Southwest

USGS Quad: Kodiak D-2

Legal Desc.: Sec 14, T. 28 S., R. 20 W., S.M.

Addition  Deletion  Correction  Backup Information Latitude\Longitude: 57.7550377027 \ -152.485704146 (NAD83)

Observation Information

Date Observed: 6/20/2008 Visit: 1 Observer: Elizabeth L. Arsan, , SWCA Environmental Consultants

Life History: Anadromous

Species\Lifestage: chum salmon juvenile

Sample Method (# Fish): SEI (1)

Species\Lifestage: coho salmon juvenile

Sample Method (# Fish): SEI (62)

Life History: Unknown

Species\Lifestage: threespine stickleback not recorded

Sample Method (# Fish): SEI (1)

Key to Sample Method

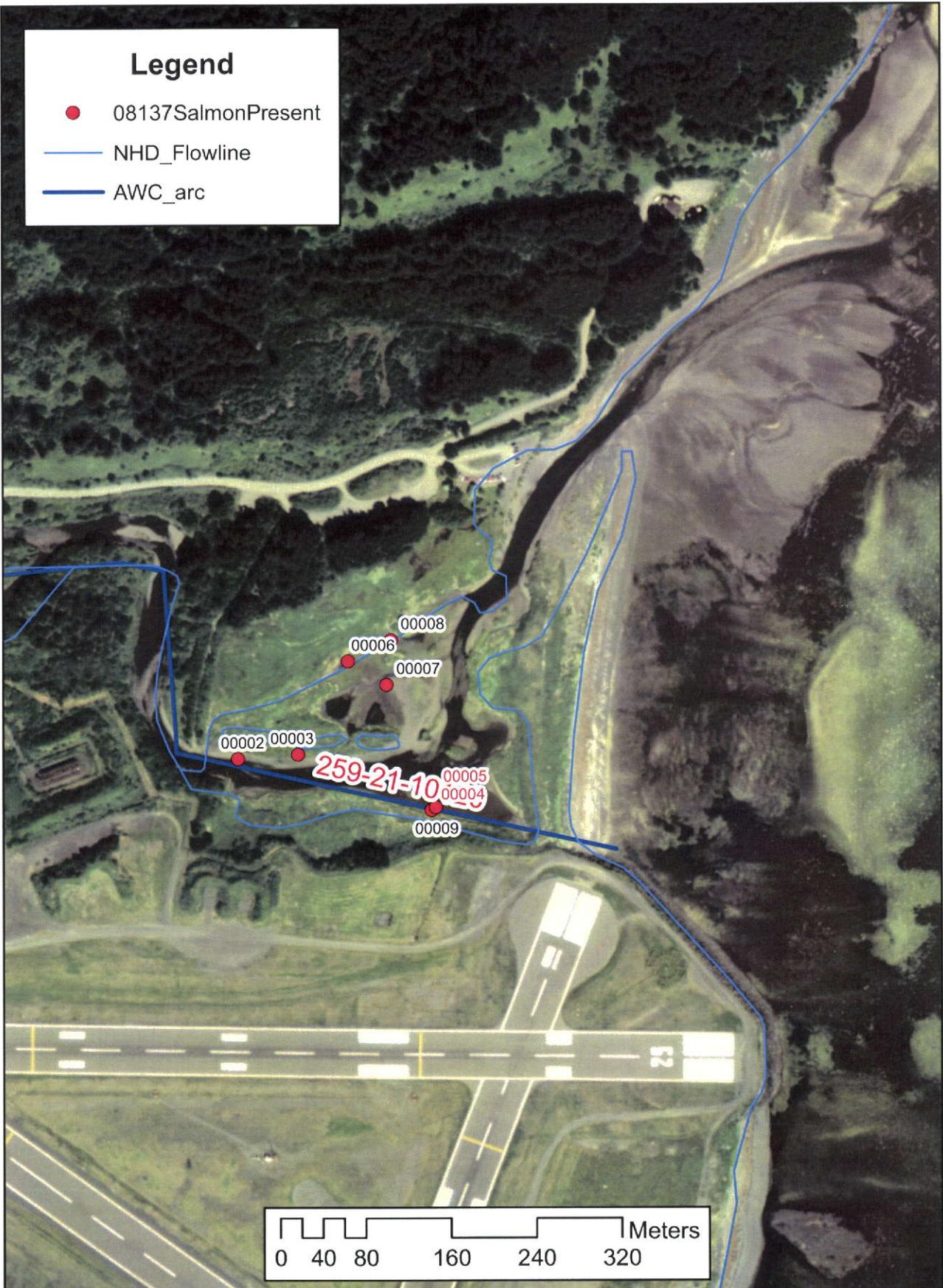
Sample Method: (SEI) Seine

Additional Comments: (Visit 1) Add CHR and COr to AWC stream # 259-21-10120.

Project Supervisor:

### Legend

- 08137SalmonPresent
- NHD\_Flowline
- AWC\_arc







PP SP  
CHP  
DVR  
SHP

Add polygon  
Add polygon

01B0

Add polygon  
0910

08

06

07

05

09

04

03

02

CH CO

CHP  
DVR  
SHP

Add chicken, saxeeye, cole, drink  
Saxa zany to 25921-10re  
Add teddy, Vorden and Stealhood  
heat beams

heat beams