



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

Nomination Form  
Anadromous Waters Catalog

E

Region Southcentral USGS Quad(s) Anchorage A-8

Anadromous Waters Catalog Number of Waterway 247-50-10050-2040-0010-2302-3010-4040-0010

Name of Waterway Reflection Pond  USGS Name  Local Name  
 Addition  Deletion  Correction  Backup Information

For Office Use

Nomination # <u>120118</u>	_____	_____
Revision Year: <u>2013</u>	Fisheries Scientist	Date
Revision to: Atlas _____ Catalog _____	_____	_____
Both _____	Habitat Operations Manager	Date <u>6/7/12</u>
Revision Code: <u>F-1</u>	<u>[Signature]</u>	_____
	AWC Project Biologist	Date
	_____	_____
	Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Juvenile Coho (6)	10/17/2007		X		<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<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:

See the attached October 22, 2007 Reflection Pond Trip Report.

Name of Observer (please print): Will Frost, Habitat Biologist  
Signature: [Signature] Date: 12/23/2011  
Agency: ADF&G, Division of Habitat  
Address: 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: \_\_\_\_\_ Revision 05/08  
Name of Area Biologist (please print): \_\_\_\_\_



# MEMORANDUM

STATE OF ALASKA

Department of Natural Resources  
Office of Habitat Management and Permitting

TO: To File

DATE: October 22, 2007

FROM:

Will Frost *WF*  
Habitat Biologist  
Office of Habitat Management and Permitting

PHONE: (907) 269-6995

SUBJECT: Reflection Pond  
Trip Report

On October 17, 2007, I made a site visit to Reflection Pond, Anchorage. The Alpha Group is proposing to construct residential homes on Reflection Pond at Tract C-1. The proposed project will include the placement of an unknown quantity of fill into Reflection Pond. The purpose of my visit was to set baited minnow traps in the pond, inlet stream and outlet stream to document the presence of juvenile salmon (AWC #247-50-10050-2040-0010). The weather was sunny, air temperature 29° Fahrenheit and water temperatures 35° Fahrenheit.

Trap 1 was set in a scour pool below the perched culvert at the inlet stream to the pond (Figure 1). Trap 2 was placed in the pond where the inlet stream enters the pond (Figure 2). Both traps were soaked for approximately 6 hours. No fish were captured. The inlet stream originates in wetlands south of Tudor Road flowing south under the road and then flowing through the Municipality of Anchorage storm water system before entering Reflection Pond.

Trap 3 was set at the head of the outlet stream and was soaked for approximately 5.5 hours (Figure 3). Six juvenile coho salmon were captured. All fish were measured and were 55-85 millimeter FL. Additionally, 40 stickleback were captured. Trap 4 was set in the outlet stream approximately 30 feet above Reflection Pond Drive and soaked approximately 5.5 hours with no fish captured (Figure 4). The outlet stream flows north through twin 24 inch culverts under Reflection Drive and Image Drive before entering the Municipality of Anchorage storm water system, discharging into the South Fork of Chester Creek (Figure 5).



Figure 1. Inlet stream to Reflection Pond, view of storm water culvert.



Figure 2. Inlet stream to Reflection Pond, view to north.



Figure 3. Outlet stream to Reflection Pond, view to southwest.



Figure 4. Outlet stream to Reflection Pond, view to south.



Figure 5. Outlet stream at twin 24 inch culverts, view to north at Reflection Drive.

RECEIVED



State of Alaska  
Department of Fish and Game  
Sportfish Division

NOV 08 2004

Nomination Form  
Fish Distribution Database DEPT. OF FISH & GAME

STATE OF ALASKA  
FISH & GAME

OCT 25 2004

Region Southcentral

USGS Quad Anchorage A-8 NE

Fish Distribution Database Number of Waterway 247-50-10050

Name of Waterway South Fork Chester Creek  USGS Name  Local Name

Addition  Deletion  Correction  Backup Information

For Office Use

Nomination #	<u>04-281</u>	<u>11/2/04</u>	<u>10/21/04</u>
Revision Year:	<u>2005</u>	<u>11/2/04</u>	<u>10/21/04</u>
Revision to:	Atlas _____ Catalog _____	<u>11/2/04</u>	<u>10/26/04</u>
	Both <u>X</u>		<u>10/26/04</u>
Revision Code:	<u>A-2</u>	<u>11/2/04</u>	<u>12/27/04</u>
		<u>11/2/04</u>	<u>12/27/04</u>

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho Salmon	10/11/2004 <u>same fish</u>	1			<input checked="" type="checkbox"/>
Sockeye Salmon	10/11/2004	1			<input checked="" type="checkbox"/>
Coho Salmon	10/14/2004 <u>same fish</u>	1			<input checked="" type="checkbox"/>
Coho Salmon	10/20/2004		13		<input checked="" type="checkbox"/>
Dolly Varden char	10/20/2004		10		<input type="checkbox"/>

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**Comments:** See attached map with locations for 4 minnow traps fished for 22 hours 10/19-20/2004. Map also shows locations of adult fish observed.

Add new stream 247-50-10050-2040. w/  
COPRESENT

Add new Inke 247-50-10050-2040-0010  
w/COREARING

Name of Observer (please print):

Steve Albert

Signature:

Steven W. Albert

Date: 10/21/2004

Address:

ADF&G, 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 Fish Distribution Database.

Signature of Area Biologist:

Daniel E. Bosch Daniel Bosch

10/26/04

Revision 04/03

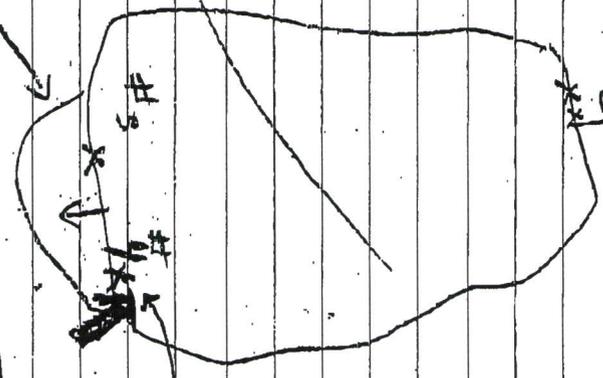
Name of Area Biologist (please print):

Trap Log Cont, Tues

10/19/2009

10:30 AM

#1 #2 outlet N



ADULT COHO  
ADULT SOCIETS  
10/11/09

Tudor Rd

Sets of traps

WED

10/20/2009

check Traps OBIS

#1 2- COHO JUV 1 BK 22 hr SOAK

1 2- DV JUV (1 doz Stickle)

3- DV JUV

#2 3- COHO - JUV 22 hr SOAK

#3 1- COHO 22 hr SOAK  
3- Stickle back

#4 5 DV

2- COHO 22 hr SOAK  
3- Stickle back

04-281

JD Johnson

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**From:** Steve Albert [steve\_albert@fishgame.state.ak.us]  
**Sent:** Tuesday, October 26, 2004 10:02 AM  
**To:** J D Johnson  
**Subject:** Reflection Lake

Hi J,

In mid August 2004, as part of an ongoing field project to inventory fish passage in fish-bearing waters within the Municipality of Anchorage, we collected data describing culverts at the inlet to Reflection Lake and in the stream outlet of this lake that flows into the South Fork Chester Creek. Recently, because of a pending development project at the lake along with some beaver management issues, we were asked to verify fish distribution in the outlet stream and in Reflection Lake. We visited the site three times and observed or trapped anadromous fish in the lake and in the outlet stream. With the potential for further development near the inlet stream at Reflection Lake, we believe that it would be in the best interest of the fish resource in this area if our findings are included in the 2005 update of the Fish Distribution Database.

Steve Albert