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

Nomination Form
Anadromous Waters Catalog

M

Region: Arctic

USGS Quad(s): Philip Smith Mountains C-3 / ~~C-4~~

AWC Number of Water Body: 330-00-10360-2611

Name of Water body: Accomplishment Creek ☒ USGS Name ☐ Local Name

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	140317	James J. Hasbrouck, Fisheries Scientist	10/3/2014 Date
Revision Year:	2015	Habitat Operations Manager	10/3/14 Date
Revision to: Atlas ____ Catalog ____ Both X		AWC Project Biologist	9/3/14 Date
Revision Code:	B-2	GIS Analyst	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Dolly Varden	7/14/2013		X		☐
					☐
					☐
					☐
					☐

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 report submitted under Fish Resource Permit SF2013-259 for supporting documentation.

Add Dolly Varden REARING to stream

Name of Observer (please print): Robert Karlen

Signature: Robert Karlen

Date: 9-2-2014

Agency: Bureau of Land Management

Address: 1150 University Avenue
Fairbanks, Alaska 99709

ALASKA DEPT. OF FISH & GAME
SEP 03 2014

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: _____

Name of Area Biologist (please print):

Revision 11/13

ADF&G permit no. SF2013-259

Summary report of fish collection activity.

The area biologist was contacted on: 7/10/13 @12:04 pm.

Location ID (optional)	Latitude	Longitude	Datum	Coordinate determination method	Name of water body	Date	Observer name (first name, middle initial, last name)	Fish collection method	Species	Life stage	Length (mm) No estimates/ranges	Length method	Weight (g)	Sex	Age	Age method	ADF&G GCL	Additional count (1)	Disposition (1)	Additional count (2)	Disposition (2)	Comments
TS #1	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	85	fork		Unknown					measured and released			
TS #1	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	80	fork		Unknown					measured and released			
TS #1	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	77	fork		Unknown					measured and released			
TS #1	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	87	fork		Unknown					measured and released			
TS #1	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	82	fork		Unknown					measured and released			
TS #1	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	87	fork		Unknown					measured and released			
TS #1	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	120	fork		Unknown					measured and released			
TS #1	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	97	fork		Unknown					measured and released			
TS #1	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	86	fork		Unknown					measured and released			
TS #1	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	94	fork		Unknown					measured and released			
TS#2A	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	85	fork		Unknown					measured and released			
TS#2A	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	103	fork		Unknown					measured and released			
TS#2A	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	87	fork		Unknown					measured and released			
TS#2A	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	93	fork		Unknown					measured and released			
TS#2A	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	90	fork		Unknown					measured and released			
TS#2A	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	84	fork		Unknown					measured and released			
TS#2A	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	42	fork		Unknown					measured and released			
TS#2A	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	slimy sculpin	adult	91	total		Unknown					measured and released			
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	94	fork		Unknown					measured and released			
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	94	fork		Unknown					measured and released			
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	112	fork		Unknown					measured and released			
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	97	fork		Unknown					measured and released			
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	103	fork		Unknown					measured and released			
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	87	fork		Unknown					measured and released			
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	84	fork		Unknown					measured and released			
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	132	fork		Unknown					measured and released			
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	90	fork		Unknown					measured and released			
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	86	fork		Unknown					measured and released			
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	47	fork		Unknown					measured and released			
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	47	fork		Unknown					measured and released			
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	48	fork		Unknown					measured and released			
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	38	fork		Unknown					measured and released			
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	slimy sculpin	adult	74	total		Unknown					measured and released			
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	slimy sculpin	adult	77	total		Unknown					measured and released			
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	82	fork		Unknown					measured and released			
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	88	fork		Unknown					measured and released			
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	47	fork		Unknown					measured and released			
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	48	fork		Unknown					measured and released			
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	94	fork		Unknown					measured and released			
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	89	fork		Unknown					measured and released			
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	101	fork		Unknown					measured and released			
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	53	fork		Unknown					measured and released			
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	86	fork		Unknown					measured and released			
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	85	fork		Unknown					measured and released			
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	78	fork		Unknown					measured and released			
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	43	fork		Unknown					measured and released			
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	99	fork		Unknown					measured and released			
TS#2D	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	86	fork		Unknown					measured and released			
TS#2D	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	41	fork		Unknown					measured and released			
TS#2D	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	87	fork		Unknown					measured and released			
TS#2D	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	87	fork		Unknown					measured and released			
TS#2D	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	44	fork		Unknown					measured and released			
TS#2D	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile	43	fork		Unknown					measured and released			
TS#3A	68.61462	-148.84720	WGS84	GPS	Section Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile				Unknown				2				Not Captured
TS#3B	68.61462	-148.84720	WGS84	GPS	Section Cr.	7/14/2013	Bob R Karlen	Backpack Electrofisher	Dolly Varden	juvenile				Unknown				4				Not Captured

BLM Central Yukon Field Office
Accomplishment Creek Trip Report
2013

Introduction

Purpose and Need: The Central Yukon Field Office (CYFO) is beginning revision of the Utility Corridor Resource Management Plan (UCRMP). The process was initiated with completion of a pre plan in September 2008. The planning area encompasses approximately 16.54 million acres, 4.84 million acres of which are BLM-managed (including State and Native Selected) lands.

A need exists to update fisheries data prior to the plan revision. This project will assist in that effort by assessing an area (Accomplishment Creek) identified as having potentially critical fish habitat and high fisheries values. Data collection efforts will focus on updating and expanding information collected during previous (1970's) studies. The main goal of this effort is to make a determination of whether the habitat used in the Accomplishment Creek drainage by fish merits Area of Critical Environmental Concern (ACEC) status. Congress mandated the designation of ACEC's through the Federal Land Policy and Management Act (FLPMA) as a means for BLM to manage areas containing truly unique and significant resource values.

Benefits: Products of the study will be fish habitat and distribution data needed by specialists and managers to facilitate decision making in the Central Yukon RMP alternatives and in the Environmental Assessment analysis of future permit applications as required by the National Environmental Policy Act.

Objective: Document species distribution, life stage, and density of fish present in the Accomplishment Creek drainage.

Study Area

Location: Accomplishment Creek extending from the confluence with the Sagavanirktok River (N68.703798° and W-148.906813°) upstream approximately 8 river miles to N68.635302° and W-148.717026°; and Section Creek, a tributary of Accomplishment Creek, beginning at its mouth (N68.670301° and W-148.816225°) and extending upstream approximately 11 river miles to N 68.594204° and W- 148.719725°.

Methods

Access: A base of operations was set up along the Dalton Highway at the Galbraith Lake airstrip. The study area is located approximately 20 miles to the northeast of this airstrip.

Data collection sites were reached through the use of a BLM contracted helicopter. Availability of the helicopter was limited to July 14th which allowed a half day of sampling.

Biological Sampling: A representative reach of Accomplishment Creek was sampled in order to estimate fish density. Seine nets were used to block a braided section of the stream. Sampling was conducted using a Smith-Root model 15A generator powered backpack electroshocker and a multiple pass and depletion strategy. Microfish 3.0 (Van Deventer and Platts 1989) was used to derive the population estimate used to calculate fish density.

Additional electrofishing was conducted in Accomplishment Creek adjacent (same coordinates) to the sub-segment sampled for density. One location in Section Creek was also sampled to further evaluate species presence-absence. Block nets were not used at these locations.

Depending on species, fish captured by electrofishing were identified and measured to the nearest millimeter by either fork length (FL) or total length (TL). Following a short recovery period, captured fish were released into the same area from which they were caught.

Results:

Fish density and distribution

Accomplishment Creek

One site with location N68.63998° and W-148.74098° was sampled to estimate fish density. Two species of fish: 1) Dolly Varden (*Salvelinus malma*), and 2) slimy sculpin (*Cottus cognatus*) were captured. Length data was recorded prior to release. Dolly Varden ranged in length from 38 – 132 mm FL with a mean length of 73 mm (n=40). Slimy sculpin (n=3) ranged in length from 74 – 91 mm TL with a mean length of 81 mm. Data detailing size and disposition of individual fish captured is summarized in Appendix A. Minimum density of Dolly Varden within the area surveyed was estimated to be 1 fish / 120 ft^2. Dimensions of the area sampled were 300 feet (length) by 16 feet (wetted width). Average depth was 0.3 ft. Dominant substrate was large gravel.

A second reach, approximately 600 feet in length and adjacent (same coordinates) to the sub-segment sampled for density, was shocked to further evaluate species presence-absence. Dolly Varden was the only species captured (n=10). Fish captured ranged in length from 77 – 120 mm FL with a mean length of 73 mm (Appendix A).

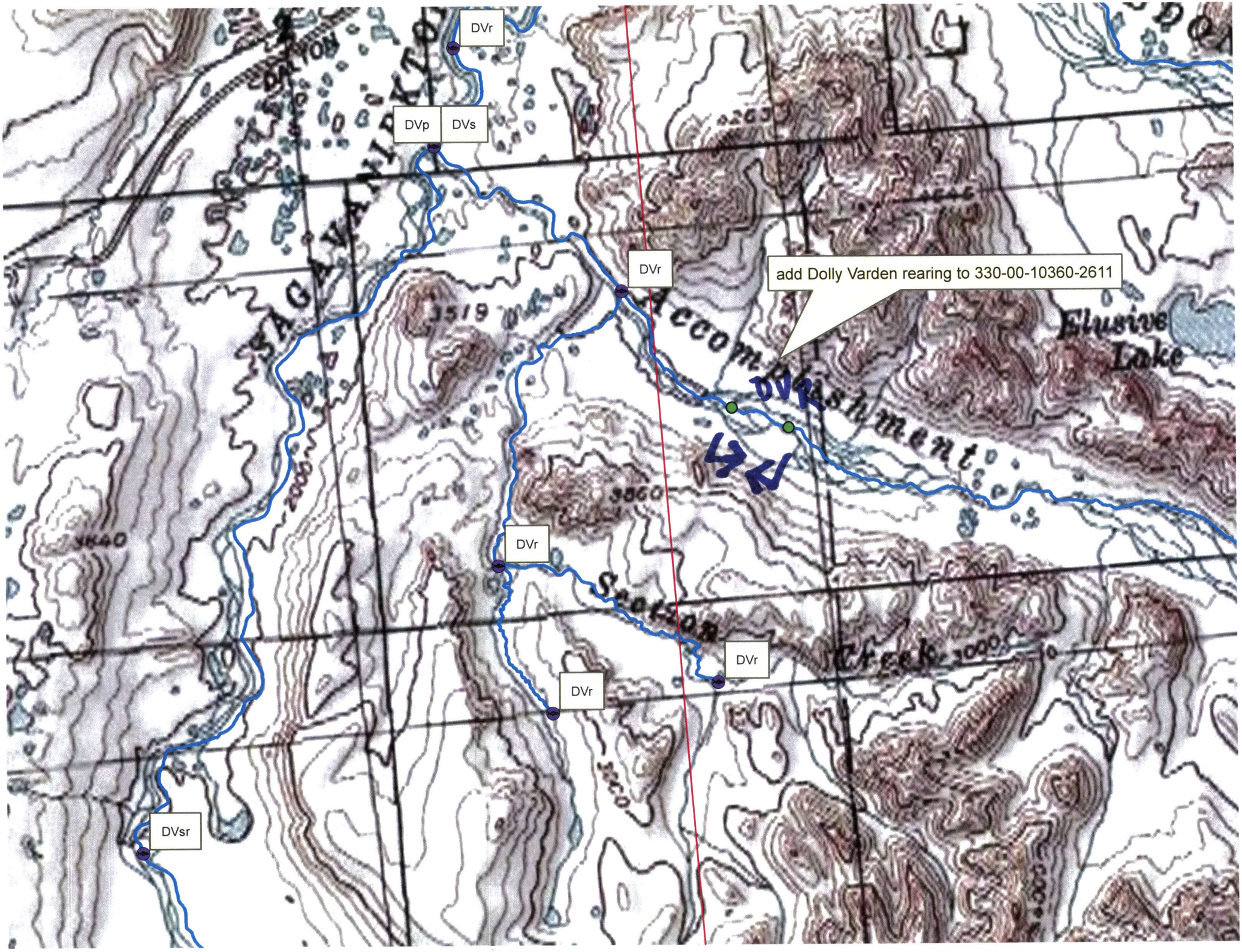
Section Creek

One site, with location N68.61462° and W-148.84720°, was sampled in Section Creek (Appendix A). Sampling consisted of using a backpack electroshocker to document species presence/absence within a braided section of the stream. Two reaches, 425 feet and 195 feet long respectively, were shocked. No fish were captured, though 2 Dolly Varden (estimated individual lengths < 100 mm) were observed in the first reach and 4 Dolly Varden (estimated individual lengths < 100 mm) were observed in the second reach.

Appendix A. Summary of fish collection activity.

Fish ID	Latitude	Longitude	Datum	Coordinate determination method	Name of water body	Date	Observer name	Species	Life stage	Length	Length method	Sex	Count Only	Disposition	Comments
TS #1	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	85	fork	Unknown		measured and released	
TS #1	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	80	fork	Unknown		measured and released	
TS #1	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	77	fork	Unknown		measured and released	
TS #1	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	87	fork	Unknown		measured and released	
TS #1	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	82	fork	Unknown		measured and released	
TS #1	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	87	fork	Unknown		measured and released	
TS #1	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	120	fork	Unknown		measured and released	
TS #1	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	97	fork	Unknown		measured and released	
TS #1	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	86	fork	Unknown		measured and released	
TS #1	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	94	fork	Unknown		measured and released	
TS#2A	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	85	fork	Unknown		measured and released	
TS#2A	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	103	fork	Unknown		measured and released	
TS#2A	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	87	fork	Unknown		measured and released	
TS#2A	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	93	fork	Unknown		measured and released	
TS#2A	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	90	fork	Unknown		measured and released	
TS#2A	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	84	fork	Unknown		measured and released	
TS#2A	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	42	fork	Unknown		measured and released	
TS#2A	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	slimy sculpin	adult	91	total	Unknown		measured and released	
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	94	fork	Unknown		measured and released	
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	94	fork	Unknown		measured and released	
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	112	fork	Unknown		measured and released	
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	97	fork	Unknown		measured and released	
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	103	fork	Unknown		measured and released	
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	87	fork	Unknown		measured and released	
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	84	fork	Unknown		measured and released	
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	132	fork	Unknown		measured and released	
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	90	fork	Unknown		measured and released	
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	86	fork	Unknown		measured and released	
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	47	fork	Unknown		measured and released	
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	47	fork	Unknown		measured and released	
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	48	fork	Unknown		measured and released	
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	38	fork	Unknown		measured and released	
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	slimy sculpin	adult	74	total	Unknown		measured and released	
TS#2B	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	slimy sculpin	adult	77	total	Unknown		measured and released	
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	82	fork	Unknown		measured and released	
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	88	fork	Unknown		measured and released	
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	47	fork	Unknown		measured and released	
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	48	fork	Unknown		measured and released	
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	94	fork	Unknown		measured and released	
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	89	fork	Unknown		measured and released	

TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	101	fork	Unknown		measured and released	
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	53	fork	Unknown		measured and released	
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	86	fork	Unknown		measured and released	
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	85	fork	Unknown		measured and released	
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	78	fork	Unknown		measured and released	
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	43	fork	Unknown		measured and released	
TS#2C	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	99	fork	Unknown		measured and released	
TS#2D	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	86	fork	Unknown		measured and released	
TS#2D	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	41	fork	Unknown		measured and released	
TS#2D	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	87	fork	Unknown		measured and released	
TS#2D	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	87	fork	Unknown		measured and released	
TS#2D	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	44	fork	Unknown		measured and released	
TS#2D	68.63998	-148.74098	WGS84	GPS	Accomplishment Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	43	fork	Unknown		measured and released	
TS#3A	68.61462	-148.84720	WGS84	GPS	Section Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	N/A	N/A	Unknown	2	count only	
TS#3B	68.61462	-148.84720	WGS84	GPS	Section Cr.	7/14/2013	Bob R Karlen	Dolly Varden	juvenile	N/A	N/A	Unknown	4	count only	


DVr
DVp
DVs
DVr
add Dolly Varden rearing to 330-00-10360-2611
Elusive Lake
DVr
DVr
DVr
DVsr