1987
Year of Revision

State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Fish

Anadromous Water Catalog Volume Southcentral Region

USGS Quad (59) Tyonek A-4

Name of Waterway

Anadromous Water Catalog Number of Waterway
247-20-10010-2040-3031

Change to _____ Atlas
_____ Catalog
_____ Both

Addition X

Deletion

Correction

Name addition:

USGS name unknown

Local name unknown

ALASKA DEPT. OF FISH & GAME
OCT 1 1986
REGION II
HABITAT DIVISION

For Office Use

Nomination # E 1 4103

Carl Yanagawa 10/28/86
Regional Supervisor Date

GK SJS 10/31/86

E1 10/29
Drafted Date

Species	Date(s) Observed	Spawning	Rearing	Migration
Coho salmon	1982		X	

Comments: Provide any clarifying information, including number of fish observed, location of fish survey data, etc.

Juveniles were captured and recorded by Environmental Research + Technology (ERT) during 1982 aquatic baseline studies conducted for Diamond Shamrock - Chuitna Coal Joint Venture

Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls. Attach a copy of the fish survey data, if available.

Name of Observer (please print) ERT Consultants

Date: _____ Signature:

Address: Fort Collins Colorado

Signature of Area Biologist:

ACE 7752087
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247-30-10090-2105-3015
0010
3045
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CH
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Ss
CHs
COsr
Bass Creek
Middle Creek
Culvert Creek
Tyonek
Old
ACE 7752088
-15
47-10-10200-2215

DIAMOND CHUITNA PROJECT

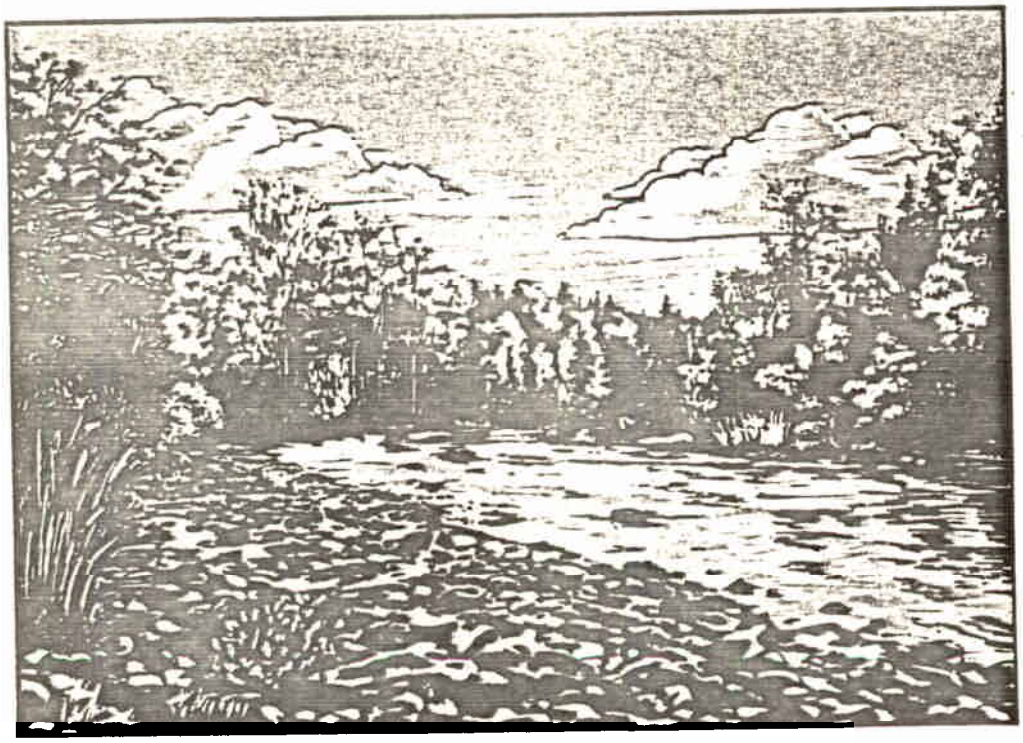
Aquatic Biology

Baseline Studies Report

ALASKA DEPT. OF
FISH & GAME
FEB 14 1984
HABITAT
REGIONAL OFFICE

Prepared for

DIAMOND SHAMROCK - CHUITNA COAL JOINT VENTURE
Anchorage, Alaska



Prepared by

ENVIRONMENTAL RESEARCH & TECHNOLOGY, INC.
Fort Collins, Colorado

Volume I - Text

February 1984

ACE 7752089
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DIAMOND CHUITNA PROJECT

Aquatic Biology

Baseline Studies Report

Prepared for

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ENVIRONMENTAL RESEARCH & TECHNOLOGY, INC.
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TABLE C-4

TOTAL NUMBERS, PERCENT COMPOSITION, AND CPUE[1] OF ~~JUVENILE FISH~~
COLLECTED BY ~~MINNOW TRAPS~~ IN WATERSHED 2004 ~~IN 1982~~
DIAMOND-CHUITNA PROJECT

Location and Sample Date / Species	Total No.	CPUE	%	Total No.	CPUE	%	Total No.	CPUE	%	Total No.	CPUE	%	Total No.	CPUE	%	Total No.	CPUE	%
Location 2004-MT1	June 26, 27			July 19, 20			Aug. 7, 8			Aug. 28, 29			Sept. 18, 19			Oct. 13, 14		
Chinook	2	0.1	0.9	0	0	0	13	0.6	3.0	37	1.9	6.2				13	0.6	20.6
Coho	56	2.8	26.0	44	2.2	17.8	239	12.0	55.1	333	17.5	55.7				29	1.4	46.0
Dolly Varden	149	7.4	69.3	191	9.6	77.3	17	8.6	39.4	221	11.6	37.0				21	1.1	33.3
Rainbow Trout	7	0.4	3.2	8	0.4	3.2	8	0.4	1.8	5	0.3	0.8				0	0	-
Sculpin	1	<0.1	0.5	4	0.2	1.6	3	0.2	0.7	2	0.1	0.3				0	0	-
TOTAL	215	10.8	100.0	247	12.4	100.0	434	21.7	100.0	598	31.5	100.0	2			63	3.1	100.0
Location 2004-MT2	June 26, 27			July 19, 20			Aug. 7, 8			Aug. 28 29			Sept. 18, 19			Oct. 13, 14		
Coho	97	4.8	30.0	76	3.8	31.0	118	5.9	44.5	222	11.1	45.9	58	3.2	32.4	15	0.8	53.6
Dolly Varden	226	11.3	70.0	169	8.4	69.0	147	7.2	55.5	262	13.1	54.1	121	6.7	67.6	13	0.6	46.4
TOTAL	323	16.1	100.0	245	12.2	100.0	265	13.3	100.0	484	24.2	100.0	179	9.9	100.0	28	1.4	100.0
Location 2004-MT3	June 26, 27			July 19, 20			Aug. 7, 8			Aug. 28, 29			Sept. 18, 19			Oct. 13, 14		
Chinook	8	0.4	6.2	0	0	0	45	2.2	18.4	102	5.1	18.5	21	1.1	14.3	3	0.2	16.7
Coho	13	0.6	10.1	38	1.9	23.0	144	7.2	58.8	302	15.1	54.7	63	3.3	42.8	9	0.5	50.0
Dolly Varden	79	4.0	61.2	116	5.8	70.3	48	2.4	19.6	134	6.7	24.3	57	3.0	38.8	6	0.3	0.3
Rainbow Trout	27	1.3	20.9	10	0.5	6.1	6	0.3	2.4	13	0.6	2.3	6	0.3	4.1	0	0	0
Sculpin	2	0.1	1.6	1	<0.1	0.6	2	0.1	0.8	1	<0.1	0.2	0	0	0	0	0	0
TOTAL	129	6.4	100.0	165	8.3	100.0	245	12.2	100.0	552	27.6	100.0	147	7.7	100.0	18	1.0	100.0
Location 2004-MT4	June 26, 27			July 19, 20			Aug. 7, 8			Aug. 28, 29			Sept. 18, 19			Oct. 13, 14		
Dolly Varden	74	3.7	100.0	137	6.8	100.0	90	4.5	98.9	134	6.7	100.0	59	2.9	100.0	6	0.3	100.0
Sculpin	0	0	0	0	0	0	1	<0.1	1.1	0	0	0	0	0	0	0	0	0
TOTAL	74	3.7	100.0	137	6.8	100.0	91	4.5	100.0	134	6.7	100.0	59	2.9	100.0	6	0.3	100.0
Location 2004-MT5	June 28, 29			July 21, 22			Aug. 8, 9			Aug. 27, 28			Sept. 18, 19			Oct. 12, 13		
Chinook	3	0.2	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coho	72	3.6	29.8	111	5.6	26.4	296	14.8	57.6	730	36.5	67.0	187	9.8	60.1	158	7.9	85.4
Dolly Varden	158	7.9	65.3	304	15.2	72.4	210	10.5	40.8	357	17.8	32.7	123	6.5	39.5	26	1.3	14.1
Rainbow Trout	1	<0.1	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sculpin	8	0.4	3.3	5	0.2	1.2		0.4	1.6	3	0.2	0.3	1	<0.1	0.3	1	<0.1	0.8
TOTAL	242	12.1	100.0	420	21.0	100.0	514	25.7	100.0	1090	54.5	100.0	311	16.4	100.0	185	9.3	100.0

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TABLE C-4 (CONTINUED)

Location and Sample Date / Species	Total No.	CPUE	%	Total No.	CPUE	%	Total No.	CPUE	%	Total No.	CPUE	%	Total No.	CPUE	%	Total No.	CPUE	%
Location 2004-MT6	June 29, 30			July 19, 20			Aug. 7, 8			Aug. 27, 28			Sept. 17, 18			Oct. 10, 12		
Chinook	1	<0.1	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coho	11	0.6	9.6	2	0.1	1.7	2	0.1	2.2	0	0	-	34	1.8	12.1	9	0.5	9.6
Dolly Varden	102	5.1	89.5	113	5.7	98.3	91	4.6	97.8	57	2.8	100.0	246	12.9	87.2	85	4.7	90.4
Other	0	0	0	0	0	0	0	0	0	0	0	0	2	0.1	0.7	0	0	0
TOTAL	114	5.7	100.0	115	5.8	100.0	93	4.7	100.0	57	2.8	100.0	282	14.8	100.0	94	5.2	100.0
Location 2004-MT7	June 28, 29			July 20, 21			Aug. 8, 9			Aug. 27, 28			Sept. 17, 18			Oct. 12, 13		
Coho	25	1.2	17.7	15	0.8	8.2	31	1.6	19.7	69	3.4	24.7	142	7.1	30.6	118	5.9	81.9
Dolly Varden	115	5.8	81.6	165	8.2	98.7	118	5.9	75.2	208	10.4	74.6	322	16.1	69.4	24	1.2	16.7
Rainbow Trout	0	0	0	1	<0.1	0.5	0	0	0	2	0.1	0.7	0	0	0	2	0.1	1.4
Sculpin	1	<0.1	0.7	3	0.2	1.6	8	0.4	5.1	0	0	0	0	0	0	0	0	0
TOTAL	141	7.0	100.0	184	9.2	100.0	157	7.9	100.0	279	13.9	100.0	464	23.2	100.0	144	7.2	100.0
Location 2004-MT8	June 28, 29			July 20, 21			Aug. 8, 9			Aug. 27, 28			Sept. 17, 18			Oct. 10, 12		
Coho	9	0.4	9.4	4	0.2	2.1	1	<0.1	0.5	1	0.1	0.9	2	0.1	4.3	0	0	0
Dolly Varden	87	4.4	90.6	183	9.6	97.3	184	9.2	95.3	207	10.3	99.5	104	5.2	97.2	43	2.1	93.5
Sculpin	0	0	0	1	<0.1	0.5	5	0.3	2.6	0	0	0	2	0.1	1.9	1	<0.1	2.2
TOTAL	96	4.8	100.0	188	9.9	100.0	193	9.7	100.0	208	10.4	100.0	107	5.4	100.0	46	2.3	100.0

[1] CPUE = Catch per unit effort expressed as numger of fish per trap.

[2] No Traps were set at this location due to high water conditions.

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