

AWC Volume **SW** USGS Quad **Port Moller B-3**

Anadromous Water Catalog Number of Waterway 282-12-10300

Name of Waterway 99 202 USGS name _____ Local name Zachary Bay-Unga I.

Addition Yes Deletion _____ Correction _____ Backup Information _____

For Office Use

Nomination #	<u>99-202</u>	<u>[Signature]</u>	<u>1/20/2000</u>
Revision Year:	_____	Regional Supervisor	Date
Revision to: Atlas	_____	<u>[Signature]</u>	<u>12/13/99</u>
Both	<u>X</u>	AWC Project Biologist	Date
Revision Code:	<u>A-2</u>	<u>J. Inoue</u>	<u>2/4/00</u>
		Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous

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 data provided on stream number 282-1203

Stream mouth: 55° 18' 20.4" or 55.305663° and 160° 40' 50.4" or -160.680680°

Upper Salmon Limit: 55° 17' 20.7" or 55.2890847° and 160° 41' 09.1" or -160.685849°

Section = 30 Town = 56 S Range = 74 W S.M.

ALASKA DEPT. OF
FISH & GAME

Name of Observer (please print) _____

Date: _____ Signature: _____

Address: _____

SEP 30 1999

REGION II
HABITAT AND RESTORATION
DIVISION

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 Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: [Signature] 9/27/99

Revision 7/93

Prepared by: James N. McCullough September 20, 1999

Regional (Blackburn's) database, 13 August, 1999.

Stream: Zachary Bay 282-1203

Date	Observer	Location	Visibility	Species					Observer Remarks
				Chinook	Sockeye	Coho	Pink	Chum	
08/10/1963	Glenn Davenport	Stream		0	0	0	0	0	DISTANCE SURVEYED: MOUTH.
		Mouth		0	0	0	500	0	
		Bay		0	0	0	0	0	
08/31/1963	Glenn Davenport	Stream		0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
07/30/1964	Glenn Davenport	Stream		0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
08/10/1964	Glenn Davenport	Stream		0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE.
		Mouth		0	0	0	100	0	
		Bay		0	0	0	0	0	
08/14/1964	Glenn Davenport	Stream		0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE. STREAM HAS LOW WATER FLOW.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
08/31/1964	Glenn Davenport	Stream		0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE. VERY POOR LIGHT.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
07/24/1965	Ken Durley	Stream		0	0	0	0	0	DISTANCE SURVEYED: MOUTH.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	

08/01/1965	Ellis King	Stream	0	0	0	0	0	DISTANCE SURVEYED: MOUTH
		Mouth	0	0	0	0	0	
		Bay	0	0	0	0	0	
08/08/1965	Ken Durley	Stream	0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE.
		Mouth	0	0	0	100	0	
		Bay	0	0	0	0	0	
08/10/1965	Ken Durley	Stream	G	0	0	0	0	DISTANCE SURVEYED: MOUTH. VERY GOOD VISIBILITY.
		Mouth	G	0	0	0	800	0 2,000 PINKS BETWEEN 1203 AND 1202.
		Bay	G	0	0	0	0	0
08/24/1965	Ken Durley	Stream		0	0	0	250	0 DISTANCE SURVEYED: 1/4 MILE. GOOD RUN.
		Mouth		0	0	0	0	50
		Bay		0	0	0	0	0
07/17/1966	Mel Morris	Stream		0	0	0	0	0 DISTANCE SURVEYED: ? NOTHING.
		Mouth		0	0	0	0	0
		Bay		0	0	0	0	0
08/01/1966	Mel Morris	Stream		0	0	0	0	0 DISTANCE SURVEYED: ? NOTHING.
		Mouth		0	0	0	0	0
		Bay		0	0	0	0	0
08/15/1966	Richard Guthrie	Stream		0	0	0	0	0 DISTANCE SURVEYED: ENTIRE AREA. NO FISH.
		Mouth		0	0	0	0	0
		Bay		0	0	0	0	0
07/11/1967	Richard Guthrie	Stream		0	0	0	0	0 DISTANCE SURVEYED: 1/4 MILE. GOOD SURVEY.
		Mouth		0	0	0	0	0
		Bay		0	0	0	0	0
07/14/1967	Richard Guthrie	Stream		0	0	0	0	0 DISTANCE SURVEYED: 1/2 MILE. MOUTH AND BAY
		Mouth		0	0	0	0	0 ROUGH.
		Bay		0	0	0	0	0

07/23/1967	Richard Guthrie	Stream	0	0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE. WATER VERY LOW,
		Mouth	0	0	0	0	0	0	MOUTH ROUGH.
		Bay	0	0	0	0	0	0	
07/28/1967	Richard Guthrie	Stream	0	0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE. VERY LOW.
		Mouth	0	0	0	0	0	0	
		Bay	0	0	0	0	0	0	
08/01/1967	Richard Guthrie	Stream G	0	0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE. GOOD SURVEY
		Mouth G	0	0	0	0	0	20	CONDITIONS.
		Bay G	0	0	0	0	0	0	
08/17/1967	Richard Guthrie	Stream	0	0	0	400	0	0	DISTANCE SURVEYED: ENTIRE AREA. WATER LEVEL
		Mouth	0	0	0	1,100	0	0	ADEQUATE.
		Bay	0	0	0	0	0	0	
09/06/1967	Richard Guthrie	Stream	0	0	0	600	0	0	DISTANCE SURVEYED: ENTIRE AREA. 200 CARCASSES.
		Mouth	0	0	0	0	0	0	
		Bay	0	0	0	0	0	0	
07/25/1968	Richard Guthrie	Stream	0	0	0	0	0	0	DISTANCE SURVEYED: 1/2 MILE. GOOD SURVEY, WATER
		Mouth	0	0	0	0	0	0	LOW.
		Bay	0	0	0	0	0	0	
08/07/1968	Richard Guthrie	Stream	0	0	0	0	0	0	DISTANCE SURVEYED: 1/2 MILE. WATER LEVEL O.K.
		Mouth	0	0	0	0	0	0	
		Bay	0	0	0	0	0	0	
08/23/1968	Richard Guthrie	Stream	0	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE AREA. NO CARCASSES.
		Mouth	0	0	0	0	0	0	FEW PINKS SEEN IN STREAM.
		Bay	0	0	0	0	0	0	
08/01/1969	Richard Guthrie	Stream G	0	0	0	0	0	0	DISTANCE SURVEYED: 1/2 MILE. GOOD VISIBILITY.
		Mouth G	0	0	0	30	0	0	

	Bay	G	0	0	0	0	0	
08/14/1969	Stream		0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE. LOW WATER.
Richard Guthrie	Mouth		0	0	0	30	0	
	Bay		0	0	0	0	0	
08/30/1969	Stream		0	0	0	300	0	DISTANCE SURVEYED: ENTIRE AREA. 10 CARCASSES,
Richard Guthrie	Mouth		0	0	0	0	0	SPAWNING IN 200 YARDS, NEEDS GREATER FLOW.
	Bay		0	0	0	0	0	
07/31/1970	Stream		0	0	0	0	0	DISTANCE SURVEYED: 1 MILE. BRUSHY, DARK BOTTOM,
Mike Geiger	Mouth		0	0	0	0	0	TURBULENT.
	Bay		0	0	0	0	0	
08/06/1970	Stream		0	0	0	0	0	DISTANCE SURVEYED: 1 MILE. NOTHING SEEN. VERY
Mike Geiger	Mouth		0	0	0	0	0	TURBULENT.
	Bay		0	0	0	0	0	
08/08/1970	Stream		0	0	0	0	0	DISTANCE SURVEYED: 1 MILE. TURBULENCE.
Mike Geiger	Mouth		0	0	0	0	0	
	Bay		0	0	0	0	0	
08/23/1970	Stream		0	0	0	450	0	DISTANCE SURVEYED: 1 MILE.
Mike Geiger	Mouth		0	0	0	0	0	
	Bay		0	0	0	0	0	
07/28/1971	Stream		0	0	0	0	0	DISTANCE SURVEYED: DID NOT SURVEY CREEK.
Mike Geiger	Mouth		0	0	0	0	0	
	Bay		0	0	0	0	0	
08/02/1971	Stream		0	0	0	0	0	DISTANCE SURVEYED: ?
Mike Geiger	Mouth		0	0	0	0	0	
	Bay		0	0	0	0	0	
08/12/1971	Stream		0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE. TURBULENT. POOR

	Mike Geiger	Mouth	0	0	0	0	0	0 SURVEY.
		Bay	0	0	0	0	0	
08/26/1971		Stream	P	0	0	0	0	0 DISTANCE SURVEYED: 1/4 MILE. POOR SURVEY
	Mike Geiger	Mouth	P	0	0	0	0	0 CONDITIONS.
		Bay	P	0	0	0	0	0
07/20/1972		Stream		0	0	0	0	0 DISTANCE SURVEYED: ?
	Barry Tourp	Mouth		0	0	0	0	
		Bay		0	0	0	0	
09/03/1972		Stream		0	0	0	0	0 DISTANCE SURVEYED: ?
	Unknown	Mouth		0	0	0	0	100
		Bay		0	0	0	0	0
07/21/1973		Stream		0	0	0	0	0 DISTANCE SURVEYED: MOUTH ONLY.
	Darrel Van Dyke	Mouth		0	0	0	0	0
		Bay		0	0	0	0	0
07/27/1973		Stream		0	0	0	0	0 DISTANCE SURVEYED: 1/4 MILE. NO FISH - HIGH
	Darrel Van Dyke	Mouth		0	0	0	0	0 TIDE.
		Bay		0	0	0	0	0
08/21/1973		Stream		0	0	0	0	0 DISTANCE SURVEYED: MOUTH. NO FISH.
	Glenn Davenport	Mouth		0	0	0	0	0
		Bay		0	0	0	0	0
09/01/1973		Stream		0	0	0	0	10 DISTANCE SURVEYED: ?
	Glenn Davenport	Mouth		0	0	0	0	0
		Bay		0	0	0	0	0
07/22/1974		Stream		0	0	0	250	0 DISTANCE SURVEYED: 2 MILES. SMALL SCHOOLS OF
	Robert Dejong	Mouth		0	0	0	0	0 ABOUT 30 EACH .5 MILE UP.
		Bay		0	0	0	0	0

07/30/1974	Stream	0	0	0	40	0	DISTANCE SURVEYED: 2 MILES. WATER HIGH.
	Robert Dejong	Mouth	0	0	0	0	
		Bay	0	0	0	0	
08/03/1974	Stream	0	0	0	25	0	DISTANCE SURVEYED: 1 MILE.
	Robert Dejong	Mouth	0	0	0	1,400	100
		Bay	0	0	0	0	0
08/12/1974	Stream	0	0	0	0	0	DISTANCE SURVEYED: MOUTH. TOO TURBULENT TO FLY
	Robert Dejong	Mouth	0	0	0	0	STREAM.
		Bay	0	0	0	0	0
07/24/1975	Stream	0	0	0	0	0	DISTANCE SURVEYED: MOUTH.
	Robert Dejong	Mouth	0	0	0	0	0
		Bay	0	0	0	0	0
07/31/1975	Stream	0	0	0	0	0	DISTANCE SURVEYED: MOUTH.
	Robert Dejong	Mouth	0	0	0	0	0
		Bay	0	0	0	0	0
08/07/1975	Stream	0	0	0	0	0	DISTANCE SURVEYED: MOUTH.
	Robert Dejong	Mouth	0	0	0	0	0
		Bay	0	0	0	0	0
08/18/1975	Stream	0	0	0	0	0	DISTANCE SURVEYED: 1/2 MILE.
	Robert Dejong	Mouth	0	0	0	0	0
		Bay	0	0	0	0	0
08/26/1975	Stream	0	0	0	0	0	DISTANCE SURVEYED: ?
	Robert Dejong	Mouth	0	0	0	0	0
		Bay	0	0	0	0	0
07/22/1976	Stream	0	0	0	0	0	DISTANCE SURVEYED: MOUTH.
	Robert Dejong	Mouth	0	0	0	0	200
		Bay	0	0	0	0	0

07/26/1976	Robert Dejong	Stream		0	0	0	0	0	DISTANCE SURVEYED: MOUTH. SPECIES QUESTIONABLE.
		Mouth		0	0	0	0	200	
		Bay		0	0	0	0	0	
07/28/1976	Robert Dejong	Stream	P	0	0	0	0	0	DISTANCE SURVEYED: MOUTH. POOR VISIBILITY - CHOP
		Mouth	P	0	0	0	0	0	IN WATER.
		Bay	P	0	0	0	0	0	
08/06/1976	Robert Dejong	Stream		0	0	0	0	0	DISTANCE SURVEYED: 1/2 MILE.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
08/13/1976	Robert Dejong	Stream		0	0	0	0	1,000	DISTANCE SURVEYED: 1/2 MILE.
		Mouth		0	0	0	0	10,500	
		Bay		0	0	0	0	0	
08/22/1976	Robert Dejong	Stream		0	0	0	2,300	0	DISTANCE SURVEYED: 1/2 MILE.
		Mouth		0	0	0	100	0	
		Bay		0	0	0	0	0	
09/01/1976	Robert Dejong	Stream		0	0	0	0	700	DISTANCE SURVEYED: ? 400 CARCASSES.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
07/19/1977	Glenn Davenport	Stream		0	0	0	0	0	DISTANCE SURVEYED: ENTIRE AREA.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
07/28/1977	Tim Jackinsky	Stream		0	0	0	0	0	DISTANCE SURVEYED: MOUTH.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
08/01/1977	Tim Jackinsky	Stream	P	0	0	0	0	0	DISTANCE SURVEYED: MOUTH. NOTHING IN CREEK; BAY
		Mouth	P	0	0	0	0	0	OFF MOUTH SILTY. CHOPPY - VISIBILITY POOR.

		Bay	P	0	0	0	0	0	
08/07/1977		Stream		0	0	0	0	0	DISTANCE SURVEYED: MOUTH.
	Tim Jackinsky	Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
08/25/1977		Stream		0	0	0	1,000	0	DISTANCE SURVEYED: 1/2 ENTIRE AREA. PLUS 400
	Tim Jackinsky	Mouth		0	0	0	0	0	CARCASSES. BUSHES OBSCURE PART OF STREAM.
		Bay		0	0	0	0	0	
09/01/1977		Stream		0	0	0	5,000	100	DISTANCE SURVEYED: 1/2 ENTIRE AREA. PLUS 2,000
	Tim Jackinsky	Mouth		0	0	0	0	0	CARCASSES.
		Bay		0	0	0	0	0	
07/10/1978		Stream		0	0	0	0	0	DISTANCE SURVEYED: MOUTH.
	Tim Jackinsky	Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
07/14/1978		Stream		0	0	0	0	0	DISTANCE SURVEYED: MOUTH.
	Tim Jackinsky	Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
07/22/1978		Stream		0	0	0	0	0	DISTANCE SURVEYED: MOUTH.
	Tim Jackinsky	Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
07/27/1978		Stream		0	0	0	0	0	DISTANCE SURVEYED: MOUTH. LOTS OF SEALS IN INNER
	Tim Jackinsky	Mouth		0	0	0	0	0	ZACHARY.
		Bay		0	0	0	0	0	
08/06/1978		Stream		0	0	0	0	0	DISTANCE SURVEYED: MOUTH.
	Tim Jackinsky	Mouth		0	0	0	500	0	
		Bay		0	0	0	0	0	
08/09/1978		Stream		0	0	0	0	0	DISTANCE SURVEYED: MOUTH.

	Tim Jackinsky	Mouth	0	0	0	200	0	
		Bay	0	0	0	0	0	
08/15/1978		Stream	0	0	0	500	0	DISTANCE SURVEYED: 1/2 MILE. 300 OF THESE DEAD
	Tim Jackinsky	Mouth	0	0	0	500	0	(MOSTLY OUTSIDE MOUTH).
		Bay	0	0	0	0	0	
09/03/1978		Stream	0	0	0	1,700	0	DISTANCE SURVEYED: 3/4 MILE. ABOUT HALF DEAD.
	Tim Jackinsky	Mouth	0	0	0	0	0	
		Bay	0	0	0	0	0	
09/06/1980		Stream	0	0	0	400	0	DISTANCE SURVEYED: ?
	Tyler Gilmer	Mouth	0	0	0	0	0	
		Bay	0	0	0	0	0	
09/01/1981		Stream	0	0	0	0	100	DISTANCE SURVEYED: ? PLUS 1,000 CARCASSES.
	Tyler Gilmer	Mouth	0	0	0	0	0	
		Bay	0	0	0	0	0	
07/31/1982		Stream	0	0	0	0	200	DISTANCE SURVEYED: ?
	Tyler Gilmer	Mouth	0	0	0	0	0	
		Bay	0	0	0	0	0	
09/03/1982		Stream	0	0	0	0	0	DISTANCE SURVEYED: ? 100 CHUM CARCASSES.
	Tyler Gilmer	Mouth	0	0	0	0	0	
		Bay	0	0	0	0	0	
08/21/1983		Stream	0	0	0	200	0	DISTANCE SURVEYED: ? SPECIES I.D. QUESTIONABLE.
	Tyler Gilmer	Mouth	0	0	0	0	2,000	
		Bay	0	0	0	0	0	
07/30/1984		Stream	0	0	0	0	0	DISTANCE SURVEYED: MOUTH.
	Jim Mccullough	Mouth	0	0	0	100	0	
		Bay	0	0	0	0	0	

08/13/1984	Stream	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE AREA. WATER LEVEL VERY
Jim Mccullough	Mouth	0	0	0	4,000	0	LOW.
	Bay	0	0	0	0	0	
09/04/1984	Stream	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE AREA. 450 PINK
Jim Mccullough	Mouth	0	0	0	0	0	CARCASSES.
	Bay	0	0	0	0	0	
09/21/1985	Stream	0	0	0	0	420	DISTANCE SURVEYED: ENTIRE AREA. PLUS 475
Len Schwarz	Mouth	0	0	0	0	4,300	CARCASSES.
	Bay	0	0	0	0	0	
07/21/1986	Stream	0	0	0	0	0	DISTANCE SURVEYED: ? NOTHING.
Len Schwarz	Mouth	0	0	0	0	0	
	Bay	0	0	0	0	0	
08/05/1986	Stream	0	0	0	0	0	DISTANCE SURVEYED: ? NOTHING.
Len Schwarz	Mouth	0	0	0	0	0	
	Bay	0	0	0	0	0	
08/28/1986	Stream	0	0	0	220	0	DISTANCE SURVEYED: ?
Len Schwarz	Mouth	0	0	0	0	0	
	Bay	0	0	0	0	0	
07/24/1987	Stream	0	0	0	0	0	DISTANCE SURVEYED: ?
Len Schwarz	Mouth	0	0	0	0	0	
	Bay	0	0	0	0	0	
07/31/1987	Stream	0	0	0	0	0	DISTANCE SURVEYED: ? NOTHING.
Arnie Shaul	Mouth	0	0	0	0	0	
	Bay	0	0	0	0	0	
08/12/1987	Stream	0	0	0	30	0	DISTANCE SURVEYED: ?
Len Schwarz	Mouth	0	0	0	0	0	
	Bay	0	0	0	0	0	

08/27/1987	Stream		0	0	0	500	0	DISTANCE SURVEYED: ?
	Arnie Shaul	Mouth	0	0	0	0	0	
		Bay	0	0	0	0	0	
07/28/1988	Stream		0	0	0	0	0	DISTANCE SURVEYED: ? NOTHING.
	Arnie Shaul	Mouth	0	0	0	0	0	
		Bay	0	0	0	0	0	
08/11/1988	Stream		0	0	0	0	0	DISTANCE SURVEYED: NOTHING.
	Len Schwarz	Mouth	0	0	0	0	0	
		Bay	0	0	0	0	0	
08/17/1988	Stream		0	0	0	100	0	DISTANCE SURVEYED: ?
	Len Schwarz	Mouth	0	0	0	0	0	
		Bay	0	0	0	0	0	
08/20/1988	Stream		0	0	0	100	0	DISTANCE SURVEYED: ?
	Len Schwarz	Mouth	0	0	0	0	0	
		Bay	0	0	0	0	0	
09/01/1988	Stream		0	0	0	75	0	DISTANCE SURVEYED: ?
	Len Schwarz	Mouth	0	0	0	300	0	
		Bay	0	0	0	0	0	
08/05/1989	Stream		0	0	0	35	0	DISTANCE SURVEYED: ?
	Len Schwarz	Mouth	0	0	0	0	0	
		Bay	0	0	0	0	0	
08/29/1989	Stream		0	0	0	50	0	DISTANCE SURVEYED: ? "REMARKS" UNREADABLE.
	Len Schwarz	Mouth	0	0	0	0	0	
		Bay	0	0	0	0	0	
07/28/1990	Stream	G	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITIONS.
	Jim Mccullough	Mouth	0	0	0	0	0	

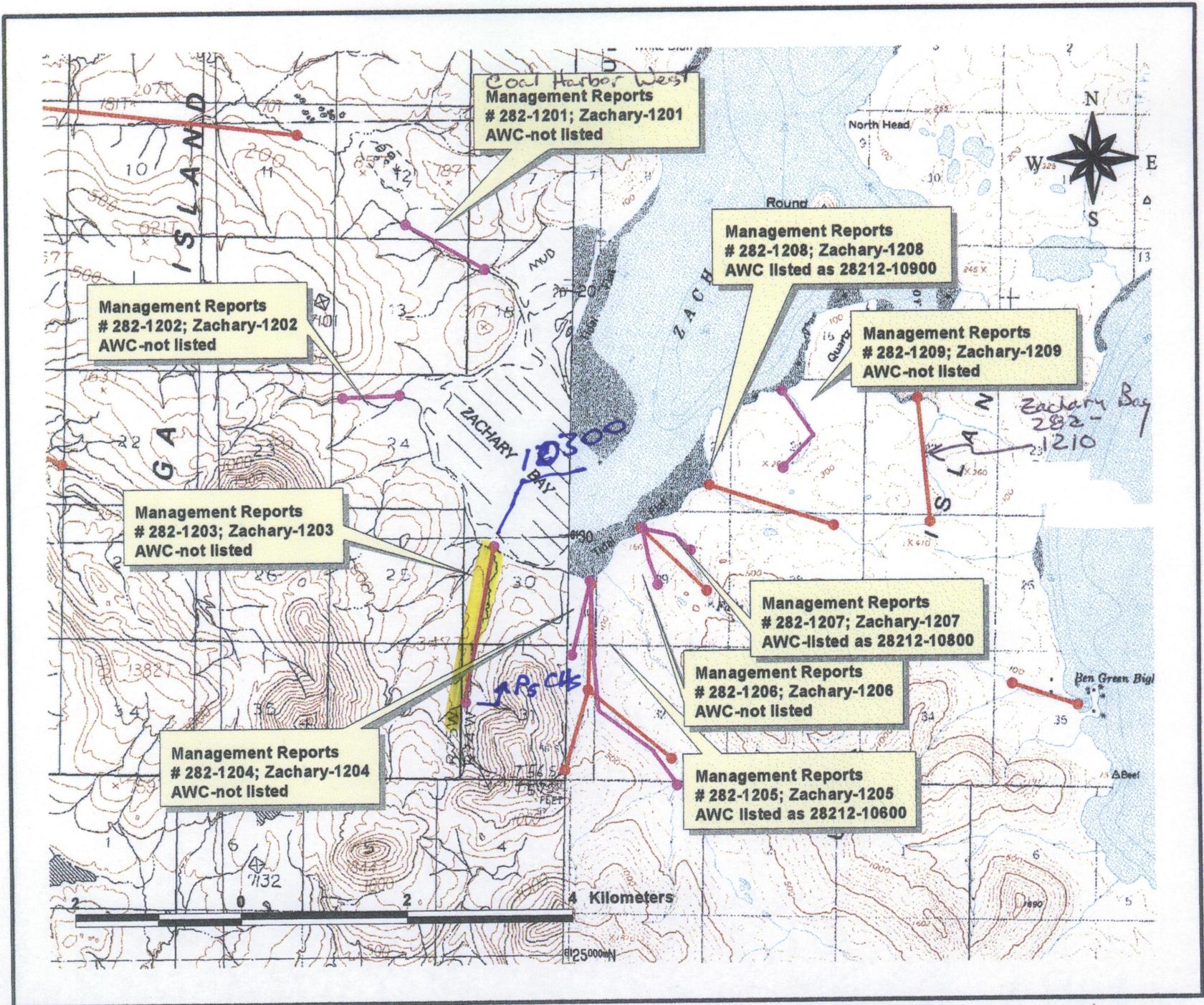
		Bay	G	0	0	0	0	0	
08/28/1990		Stream		0	0	0	200	0	DISTANCE SURVEYED: ?
	Unknown	Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
07/21/1991		Stream	E	0	0	0	0	0	DISTANCE SURVEYED: UNREADABLE. EXCELLENT
	Jim Mccullough	Mouth	E	0	0	0	10	0	CONDITIONS.
		Bay	E	0	0	0	0	0	
08/04/1991		Stream	G	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITIONS.
	Jim Mccullough	Mouth	G	0	0	0	0	0	25 CHUM AND 200 PINK CARCASSES.
		Bay	G	0	0	0	0	0	
08/11/1991		Stream		0	0	0	200	0	DISTANCE SURVEYED: UNREADABLE. "REMARKS"
	Jim Mccullough	Mouth		0	0	0	0	0	UNREADABLE.
		Bay		0	0	0	0	0	
07/15/1992		Stream	G	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITIONS.
	Jim Mccullough	Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
08/20/1992		Stream	G	0	0	0	150	0	DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITIONS
	Jim Mccullough	Mouth	G	0	0	0	200	0	- HELICOPTER SURVEY. 100 PINK CARCASSES.
		Bay	G	0	0	0	0	0	
07/28/1993		Stream	G	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE AREA.
	Jim Mccullough	Mouth	G	0	0	0	0	80	
		Bay	G	0	0	0	0	0	
08/02/1993		Stream	G	0	0	0	100	0	DISTANCE SURVEYED: ENTIRE AREA.
	Jim Mccullough	Mouth	G	0	0	0	50	0	
		Bay	G	0	0	0	0	0	
08/07/1993		Stream	G	0	0	0	100	0	DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITIONS.

	Jim Mccullough	Mouth	G	0	0	0	2,000	0	
		Bay	G	0	0	0	0	0	
08/22/1993		Stream	G	0	0	0	400	200	DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITIONS.
	Jim Mccullough	Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
08/30/1994		Stream	G	0	0	0	200	0	DISTANCE SURVEYED: ENTIRE STREAM. PLUS 400
	Jim Mccullough	Mouth	G	0	0	0	150	0	SALMON CARCASSES.
		Bay	G	0	0	0	0	0	
07/27/1995		Stream	G	0	0	0	0	50	DISTANCE SURVEYED: ENTIRE STREAM.
	Rod Campbell	Mouth	G	0	0	0	0	300	
		Bay	G	0	0	0	0	0	
08/01/1995		Stream	G	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE STREAM.
	Jim Mccullough	Mouth	G	0	0	0	25	0	
		Bay	F	0	0	0	0	0	
08/15/1995		Stream	E	0	0	0	500	0	DISTANCE SURVEYED: ENTIRE STREAM.
	Jim Mccullough	Mouth	E	0	0	0	3,000	0	
		Bay	G	0	0	0	0	0	
08/28/1995		Stream	E	0	0	0	3,000	0	DISTANCE SURVEYED: ENTIRE STREAM. ADDITIONAL
	Jim Mccullough	Mouth	E	0	0	0	3,000	0	2,000 PINK CARCASSES.
		Bay	E	0	0	0	0	0	
09/13/1995		Stream	G	0	0	0	700	0	DISTANCE SURVEYED: ENTIRE STREAM. ADDITIONAL
	Jim Mccullough	Mouth	G	0	0	0	0	0	4,000 PINK CARCASSES.
		Bay	G	0	0	0	0	0	
07/25/1996		Stream		0	0	0	0	0	DISTANCE SURVEYED: STREAM MOUTH ONLY. 500 PINKS
	Rod Campbell	Mouth	G	0	0	0	0	0	ALONG BEACH.
		Bay		0	0	0	0	0	

08/15/1996	Jim Cofske	Stream	P	0	0	0	500	0	DISTANCE SURVEYED: ENTIRE STREAM. POOR
		Mouth	P	0	0	0	200	0	CONDITIONS DUE TO LOW LIGHT LEVELS AND OVERHANGING
		Bay		0	0	0	0	0	BRUSH.
08/23/1996	Rod Campbell	Stream	P	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE STREAM. LOW LIGHT
		Mouth	F	0	0	0	0	0	CONDITIONS. 500 SALMON CARCASSES AT MOUTH.
		Bay		0	0	0	0	0	
07/07/1997	Rod Campbell	Stream							DIST SURVEYED: PARTIAL SURVEY BAY & MOUTH ONLY
		Mouth	G	0	0	0	0	50	
		Bay	G	0	0	0	0	0	
07/11/1997	Matt Ford	Stream							PARTIAL SURVEY BAY & MOUTH ONLY
		Mouth	G	0	0	0	0	500	
		Bay	G	0	0	0	0	0	
07/22/1997	Matt Ford	Stream							PARTIAL SURVEY BAY & MOUTH ONLY;
		Mouth	G	0	0	0	0	0	1203,1204,1205,1206,1207,1208 5,000 PINKS IN THE
		Bay	G	0	0	0	0	0	BAY OFF OF THE MOUTHS OF THESE CREEKS.
07/24/1997	Rod Campbell	Stream							DISTANCE SURVEYED: PARTIAL SURVEY - BAY ONLY,
		Mouth							SALMON OFF MOUTHS OF 1203,.04, .05 ,.06, .07,
		Bay	G	0	0	0	6,000	0	.08, .09
08/07/1997	Rod Campbell	Stream							DISTANCE SURVEYED: PARTIAL SURVEY BAY ONLY - PINKS
		Mouth							ALONG BEACH BETWEEN 1203 & 1210. BAY CHOPPY
		Bay	P	0	0	0	3,000	0	
08/12/1997	Jim Cofske	Stream	G	0	0	0	0	0	DISTANCE SURVEYED: GOOD CONDITIONS
		Mouth	G	0	0	0	150	0	
		Bay	G	0	0	0	0	0	
07/14/1998	Rod Campbell	Stream							PARTIAL SURVEY - MOUTH ONLY - NO FISH OBSERVED -
		Mouth	G	0	0	0	0	0	MINUS LOW TIDE.
		Bay							

07/20/1998	Rod Campbell	Stream	G	0	0	0	0	0	
		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
07/31/1998	Rod Campbell	Stream	G	0	0	0	0	0	500 CHUM COUNTED IN BAY WERE ALONG BEACH BETWEEN
		Mouth	G	0	0	0	0	200	12.02 & 12.03
		Bay	G	0	0	0	0	500	
08/05/1998	Rod Campbell	Stream	F	0	0	0	0	100	TURBULENT.
		Mouth	F	0	0	0	0	0	
		Bay	F	0	0	0	0	500	
09/02/1998	Witteveen	Stream	G	0	0	0	150	0	ALSO SAW 300 CARCASSES.
		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
07/13/1999	Witteveen	Stream	G						
		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
07/20/1999	Witteveen	Stream	G						
		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	

Add
Stream
282-12-
10300
w/ P₅ CHs



Map of Zachary Bay, Unga Island in the Shumagin Islands.

Red shows AWC stream layer in ArcView 3.0

Arc# = 3250

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

AWC Volume SE SC SW W AR IN USGS Quad Port Moller B-2
R74W T56S Sec 30

Anadromous Water Catalog Number of Waterway _____
 Name of Waterway _____ USGS name _____ Local name _____
 Addition Deletion _____ Correction _____ Backup Information _____

For Office Use

Nomination # <u>99 085</u>	_____	_____
Revision Year: _____	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	_____	_____
Both _____	AWC Project Biologist	Date
Revision Code: <u>F-1</u>	_____	_____
<u>See 99-202</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Pink Salmon	7/24 - 9/2 1963-98	X			X
Chum Salmon	" "	X			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: Documentation by Alaska Department of Fish and Game (ADF&G) personnel during aerial surveys to enumerate salmon escapement beginning in 1963 the peak count for pink salmon (7,000) was observed on 9/1/77 and the peak count for chum salmon (1,000) was observed on 8/13/76. ADF&G has assigned 282-12.03 to this stream which is located in Zachary Bay on Unga Island..

ALASKA DEPT. OF FISH & GAME

Name of Observer (please print) Rod Campbell
 Date: 10/21/98 Signature: Rod Campbell
 Address: c/o ADF&G
211 Mission Road; Kodiak, Alaska 99615

OCT 23 1998

REGION II HABITAT AND RESTORATION DIVISION

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 Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: Rod Campbell



USGS - Postmodern
Scale 1:250,000

5° Kennoys Islands