

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

AWC Volume **SW** USGS Quad **Port Moller B-2**

Anadromous Water Catalog Number of Waterway 282-12-10900

Name of Waterway \_\_\_\_\_ USGS name \_\_\_\_\_ Local name Zachary Bay-Unga I.

Addition Yes Deletion \_\_\_\_\_ Correction X Backup Information X

For Office Use

Nomination #	<u>99 197</u>	<u>[Signature]</u>	<u>11/20/2000</u>
Revision Year:	_____	Regional Supervisor	Date
Revision to: Atlas	_____	<u>[Signature]</u>	<u>12/2/99</u>
Revision Code:	Both <u>X</u> <u>C-1, F-1</u>	AWC Project Biologist	Date
		<u>[Signature]</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: Stream management number 282-1208 listed in AWC as 28212-10900

Stream mouth: \_\_\_\_\_

Upper Salmon Limit: \_\_\_\_\_

CHANGE # 10900 to 10800

ALASKA DEPT. OF  
FISH & GAME

SEP 30 1999

REGION II  
HABITAT AND RESTORATION  
DIVISION

Name of Observer (please print) \_\_\_\_\_

Date: \_\_\_\_\_ Signature: \_\_\_\_\_

Address: \_\_\_\_\_

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, 20 September, 1999.

Zachary Bay 1208; 2nd Stream South of Quartz Point

Date	Observer	Location	Visibility	Species					Observer Remarks
				Chinook	Sockeye	Coho	Pink	Chum	
08/06/1962	Glenn Davenport	Stream		0	0	0	0	0	DISTANCE SURVEYED: MOUTH. MAY SUPPORT SPAWNERS.
		Mouth		0	0	0	3,300	0	
		Bay		0	0	0	0	0	
08/17/1962	Glenn Davenport	Stream		0	0	0	150	0	DISTANCE SURVEYED: 1/4 MILE.
		Mouth		0	0	0	200	0	
		Bay		0	0	0	0	0	
08/30/1962	Glenn Davenport	Stream		0	0	0	175	0	DISTANCE SURVEYED: 1/4 MILE. SPAWNING, QUITE A FEW DEAD.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
07/22/1963	Glenn Davenport	Stream		0	0	0	0	0	DISTANCE SURVEYED: MOUTH.
		Mouth		0	0	0	500	0	
		Bay		0	0	0	0	0	
08/03/1963	Gilpin	Stream		0	0	0	0	0	DISTANCE SURVEYED: MOUTH.
		Mouth		0	0	0	7,000	0	
		Bay		0	0	0	0	0	
08/10/1963	Glenn Davenport	Stream		0	0	0	0	0	DISTANCE SURVEYED: MOUTH. POOR LIGHT.
		Mouth		0	0	0	0	2,500	
		Bay		0	0	0	0	0	
08/31/1963	Glenn Davenport	Stream		0	0	0	300	0	DISTANCE SURVEYED: 1/4 MILE.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
07/30/1964		Stream		0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE.

07/17/1966	Mel Morris	Stream		0	0	0	0	0	DISTANCE SURVEYED: ENTIRE AREA. NOTHING IN
		Mouth		0	0	0	0	0	STREAM.
		Bay		0	0	0	0	0	
08/01/1966	Mel Morris	Stream		0	0	0	0	0	DISTANCE SURVEYED: ENTIRE AREA. NOTHING IN
		Mouth		0	0	0	0	0	STREAM.
		Bay		0	0	0	0	0	
08/15/1966	Mel Morris	Stream		0	0	0	0	0	DISTANCE SURVEYED: ENTIRE AREA. SEE 1209 SURVEY.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
07/11/1967	Richard Guthrie	Stream	G	0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE. SURVEY CONDITIONS
		Mouth	G	0	0	0	0	0	GOOD.
		Bay	G	0	0	0	0	0	
07/14/1967	Richard Guthrie	Stream		0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE. BAY AND MOUTH QUITE
		Mouth		0	0	0	0	0	ROUGH.
		Bay		0	0	0	0	0	
07/23/1967	Richard Guthrie	Stream		0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE. MOUTH QUITE ROUGH.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
07/28/1967	Richard Guthrie	Stream		0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
08/01/1967	Richard Guthrie	Stream	G	0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE. GOOD VISIBILITY.
		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
08/17/1967	Richard Guthrie	Stream		0	0	0	0	0	DISTANCE SURVEYED: ENTIRE AREA.
		Mouth		0	0	0	300	0	
		Bay		0	0	0	0	0	

09/06/1967	Richard Guthrie	Stream		0	0	0	800	0	DISTANCE SURVEYED: ENTIRE AREA. FEW CARCASSES.
		Mouth		0	0	0	0	0	SPAWNING.
		Bay		0	0	0	0	0	
07/25/1968	Richard Guthrie	Stream	g						1 MILE SURVEY. GOOD SURVEY; WATER LOW.
		Mouth	g						
		Bay							
08/07/1968	Richard Guthrie	Stream	g						1/2 MILE SURVEY. 50 PINKS BETWEEN 12.08 AND 12.07.
		Mouth	g				10		
		Bay							
08/23/1968	Richard Guthrie	Stream	g				20		NO CARCASSES.
		Mouth	g						
		Bay							
08/01/1969	Richard Guthrie	Stream	g						1/2 MILE SURVEY. 300 PINKS IN SMALL SCHOOLS EAST AND WEST OF MOUTH.
		Mouth	g						
		Bay							
08/14/1969	Richard Guthrie	Stream	g				80		1/2 MILE SURVEY. 12,000 PINKS SCATTERED BETWEEN 12.09 AND 12.05.
		Mouth	g						
		Bay							
08/30/1969	Richard Guthrie	Stream	g				850		50 CARCASSES.
		Mouth	g						
		Bay							
07/31/1970	Mike Geiger	Stream	p				20		1 MILE SURVEY. POOR VISIBILITY; TURBULENT.
		Mouth	p						
		Bay							
08/06/1970	Mike Geiger	Stream	p						1 MILE SURVEY. NOTHING SEEN. TURBULENT; POOR VISIBILITY.
		Mouth	p						

		Bay			
08/08/1970	Mike Geiger	Stream	p		TURBULENT.
		Mouth	p		
		Bay			
08/23/1970	Mike Geiger	Stream	f	200	FAIR SURVEY.
		Mouth	f	300	
		Bay			
07/28/1971	Mike Geiger	Stream			SURVEY OF MOUTH.
		Mouth	g		
		Bay			
08/01/1971	Glenn Davenport	Stream	g		2,000 CHUMS ON FLATS MOSTLY NORTH OF THIS STREAM.
		Mouth	g		
		Bay			
08/01/1971	Mike Geiger	Stream	g		
		Mouth	g		
		Bay			
08/12/1971	Mike Geiger	Stream	p		1/4 MILE SURVEY. TURBULENT; POOR SURVEY.
		Mouth	p		
		Bay			
08/27/1971	Mike Geiger	Stream	p		1/4 MILE SURVEY. 50 PINKS IN STREAM EAST OF
		Mouth	p	150	12.08. POOR SURVEY CONDITIONS.
		Bay			
07/20/1972	Barry Tourp	Stream	g		
		Mouth	g		
		Bay			
09/03/1972		Stream	g		

	Barry Tourp	Mouth Bay	g	200	
07/21/1973	Darrel Van Dyke	Stream Mouth Bay	g		SURVEY OF MOUTH. GOOD SURVEY CONDITIONS.
07/27/1973	Darrel Van Dyke	Stream Mouth Bay	g		SURVEY OF MOUTH. NO FISH.
08/21/1973	Glenn Davenport	Stream Mouth Bay	g	100	1/8 MILE SURVEY.
09/01/1973	Glenn Davenport	Stream Mouth Bay	g	200	
08/03/1974	Robert Dejong	Stream Mouth Bay	g		1/4 MILE SURVEY.
08/12/1974	Robert Dejong	Stream Mouth Bay	g	350	TOO TURBULENT TO FLY STREAM.
07/24/1975	Robert Dejong	Stream Mouth Bay	g		SURVEY OF MOUTH.
07/31/1975	Robert Dejong	Stream Mouth Bay	g		SURVEY OF MOUTH.

08/07/1975	Robert Dejong	Stream Mouth Bay	g g		SURVEY OF MOUTH.
08/12/1975	Glenn Davenport	Stream Mouth Bay	g g	3,000	1/4 MILE SURVEY.
08/18/1975	Robert Dejong	Stream Mouth Bay	g g	100	1/2 MILE SURVEY.
08/26/1975	Robert Dejong	Stream Mouth Bay	g g		1/2 MILE SURVEY.
07/22/1976	Robert Dejong	Stream Mouth Bay	g g	400	SURVEY OF MOUTH.
07/26/1976	Robert Dejong	Stream Mouth Bay	g g	1,800	SURVEY OF MOUTH.
07/28/1976	Robert Dejong	Stream Mouth Bay	p p	2,000	SURVEY OF MOUTH. POOR VISIBILITY; CHOP ON WATER.
08/06/1976	Robert Dejong	Stream Mouth Bay	g g		1/2 MILE SURVEY.
08/13/1976	Robert Dejong	Stream Mouth Bay	g g		1/2 MILE SURVEY. 8,000 PINKS AND CHUMS AT MOUTH.

08/22/1976	Robert Dejong	Stream Mouth Bay	g g		450 1/2 MILE SURVEY. 1,500 MIXED PINKS AND CHUMS AT MOUTH.
09/01/1976	Marlin Bricker	Stream Mouth Bay	g g		150 SPAWNING; 100 CARCASSES.
07/17/1977	Tim Jackinsky	Stream Mouth Bay	g g		SURVEY OF MOUTH. 25 ON FLATS OFF MOUTH.
07/19/1977	Unknown	Stream Mouth Bay			SURVEY OF BEACH.
07/22/1977	Tim Jackinsky	Stream Mouth Bay	g g	50	SURVEY OF MOUTH.
07/26/1977	Unknown	Stream Mouth Bay			SURVEY OF BEACH.
07/28/1977	Tim Jackinsky	Stream Mouth Bay	g g	15	1/2 MILE SURVEY. JUST OFF MOUTH.
08/01/1977	Tim Jackinsky	Stream Mouth Bay	g g	300	1/2 MILE SURVEY.
08/07/1977	Tim Jackinsky	Stream Mouth	g g	200	1/2 MILE SURVEY.

		Bay			
08/25/1977		Stream	g	3,500	1/2 MILE SURVEY. PLUS 1,500 CARCASSES.
	Tim Jackinsky	Mouth	g	1,000	
		Bay			
09/01/1977		Stream	g	11,000	1/2 MILE SURVEY. 2,500 CARCASSES.
	Tim Jackinsky	Mouth	g	4,000	
		Bay			
07/10/1978		Stream	g		SURVEY OF MOUTH.
	Tim Jackinsky	Mouth	g		
		Bay			
07/14/1978		Stream	g		SURVEY OF MOUTH.
	Tim Jackinsky	Mouth	g		
		Bay			
07/22/1978		Stream	g		SURVEY OF MOUTH.
	Tim Jackinsky	Mouth	g		
		Bay			
07/27/1978		Stream	g		SURVEY OF MOUTH.
	Tim Jackinsky	Mouth	g		
		Bay			
08/06/1978		Stream	g	200	300 1/2 MILE SURVEY. CHUMS MOSTLY DEAD.
	Tim Jackinsky	Mouth	g	1,500	
		Bay			
08/09/1978		Stream	p		1/2 MILE SURVEY. POOR VISIBILITY IN CREEK; FISH SCATTERED ALONG SHORE TO HEAD OF BAY.
	Tim Jackinsky	Mouth	p	10,000	
		Bay			
08/15/1978		Stream	g	1,500	1/2 MILE SURVEY. PLUS 800 DEAD FISH.

	Tim Jackinsky	Mouth Bay	g		
09/03/1978		Stream	g	2,000	500 1/2 MILE SURVEY. 1/3 OF FISH IN CREEK ARE DEAD.
	Tim Jackinsky	Mouth Bay	g	1,000	
09/06/1980		Stream	g	200	PLUS 400 PINK CARCASSES.
	Tyler Gilmer	Mouth Bay	g		
09/03/1982		Stream	g		10 PLUS 300 CARCASSES.
	Tyler Gilmer	Mouth Bay	g		
08/11/1983		Stream	g		FISH STILL IN BAY.
	Tyler Gilmer	Mouth Bay	g	200	
08/21/1983		Stream	g	100	3,000 MIXED PINKS AND CHUMS AT MOUTH.
	Tyler Gilmer	Mouth Bay	g		
08/09/1984		Stream	g		STREAM HAS LOW WATER LEVEL.
	Jim Mccullough	Mouth Bay	g	750	
08/13/1984		Stream	g		
	Jim Mccullough	Mouth Bay	g	100	
09/04/1984		Stream	g		25 PINK CARCASSES.
	Jim Mccullough	Mouth Bay	g		

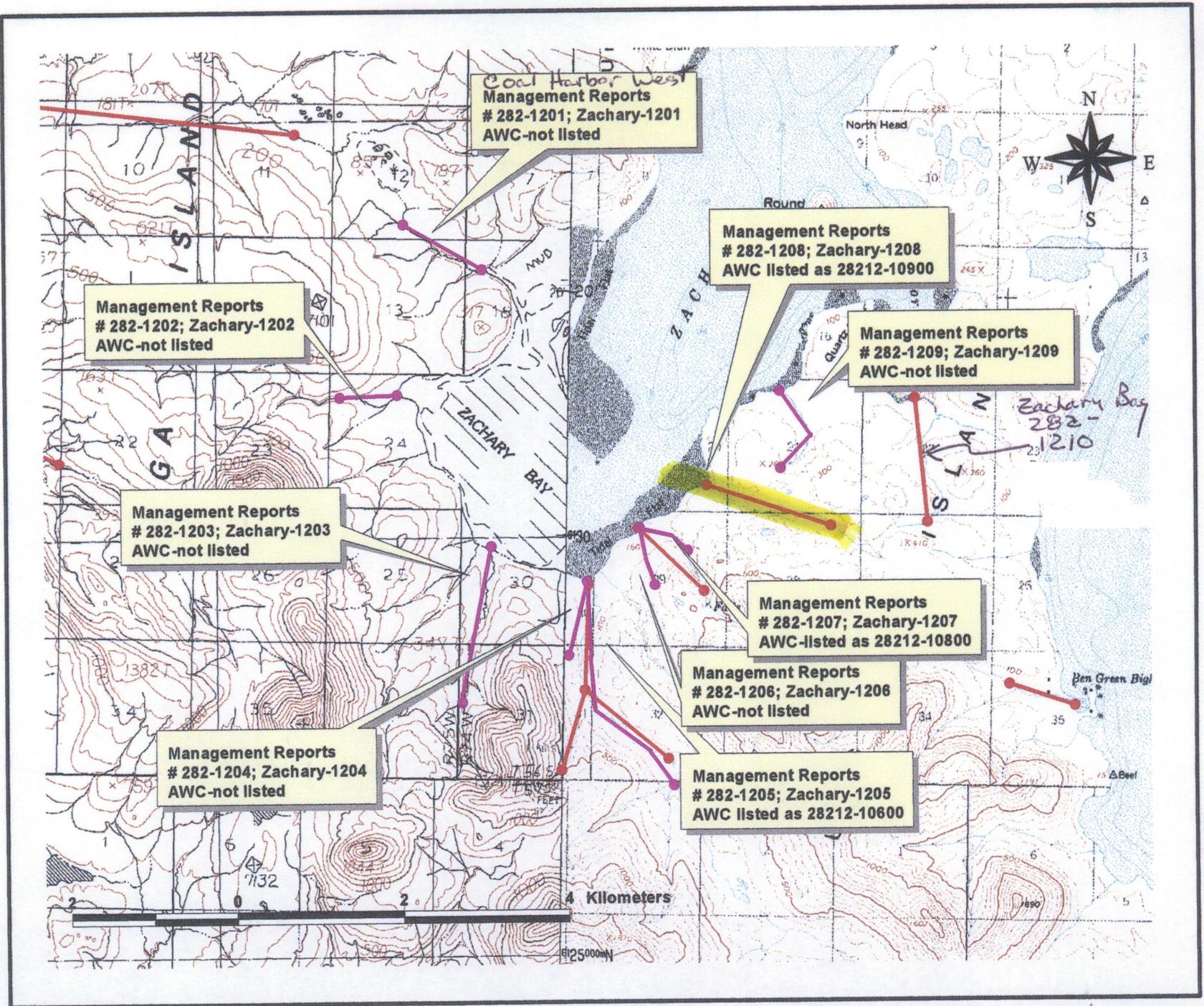
08/29/1985	Len Schwarz	Stream Mouth Bay	g g g	1,400	AN ADDITIONAL 100 CARCASSES.
07/24/1986	Len Schwarz	Stream Mouth Bay	g g g		15
07/24/1987	Len Schwarz	Stream Mouth Bay	g g g		NOTHING.
08/27/1987	Arnie Shaul	Stream Mouth Bay	g g g	300	
07/28/1988	Len Schwarz	Stream Mouth Bay	g g g		
08/11/1988	Len Schwarz	Stream Mouth Bay	g g g		NOTHING.
08/17/1988	Len Schwarz	Stream Mouth Bay	g g g		NOTHING.
08/20/1988	Len Schwarz	Stream Mouth Bay	g g g		3,000 PINKS ALONG BEACH.
09/01/1988	Len Schwarz	Stream Mouth Bay	g g g	50	

08/05/1989	Len Schwarz	Stream	g						NOTHING.
		Mouth	g						
		Bay							
08/29/1989	Len Schwarz	Stream	g				25		AT LEAST 3 TIMES AS MANY MORE CARCASSES.
		Mouth	g						
		Bay							
07/28/1990	Jim Mccullough	Stream	g						GOOD CONDITIONS.
		Mouth	g						
		Bay							
08/29/1990	Jim Mccullough	Stream	g				275		
		Mouth	g				75		
		Bay							
07/21/1991	Jim Mccullough	Stream	E	0	0	0	0	0	0 DISTANCE SURVEYED: STREAM MOUTH. EXCELLENT
		Mouth	E	0	0	0	750	50	CONDITIONS.
		Bay	E	0	0	0	0	0	
08/04/1991	Jim Mccullough	Stream	G	0	0	0	0	0	0 DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITIONS.
		Mouth	G	0	0	0	0	0	100 CHUM CARCASSES.
		Bay	G	0	0	0	0	0	
08/11/1991	Mark Stopha	Stream	G	0	0	0	1,000	0	0 DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITIONS.
		Mouth	G	0	0	0	200	0	
		Bay	G	0	0	0	0	0	
07/15/1992	Jim Mccullough	Stream	G	0	0	0	0	0	0 DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITIONS.
		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
08/20/1992	Jim Mccullough	Stream	G	0	0	0	200	0	0 DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITION -
		Mouth	G	0	0	0	0	0	0 HELICOPTER SURVEY.

		Bay	G	0	0	0	0	0	
07/28/1993	Jim Mccullough	Stream	F	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE AREA. FAIR CONDITIONS.
		Mouth	F	0	0	0	0	0	
		Bay	F	0	0	0	0	0	
08/02/1993	Jim Mccullough	Stream	G	0	0	0	50	0	DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITONS.
		Mouth	G	0	0	0	150	0	
		Bay	G	0	0	0	0	0	
08/07/1993	Jim Mccullough	Stream	G	0	0	0	10	0	DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITIONS.
		Mouth	G	0	0	0	50	0	
		Bay	G	0	0	0	0	0	
08/22/1993	Jim Mccullough	Stream	G	0	0	0	500	0	DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITIONS
		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
08/30/1994	Jim Mccullough	Stream	G	0	0	0	50	0	DISTANCE SURVEYED: ENTIRE STREAM. PLUS 300 SALMON CARCASSES.
		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
07/27/1995	Rod Campbell	Stream	G	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE STREAM. NO FISH SEEN.
		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
08/01/1995	Jim Mccullough	Stream	G	0	0	0	50	0	DISTANCE SURVEYED: ENTIRE STREAM.
		Mouth	G	0	0	0	500	0	
		Bay	F	0	0	0	0	0	
08/15/1995	Jim Mccullough	Stream	G	0	0	0	250	0	DISTANCE SURVEYED: ENTIRE STREAM.
		Mouth	G	0	0	0	2,500	0	
		Bay	G	0	0	0	0	0	
08/28/1995		Stream	E	0	0	0	2,000	0	DISTANCE SURVEYED: ENTIRE STREAM. ADDITIONAL 100

	Jim Mccullough	Mouth	E	0	0	0	3,500	0	PINK CARCASSES.
		Bay	G	0	0	0	0	0	
09/13/1995		Stream		0	0	0	600	0	DISTANCE SURVEYED: ENTIRE STREAM. ADDITIONAL 800
	Jim Mccullough	Mouth		0	0	0	0	0	PINK CARCASSES.
		Bay		0	0	0	0	0	
08/15/1996		Stream	P	0	0	0	500	0	DISTANCE SURVEYED: ENTIRE STREAM. POOR
	Jim Cofske	Mouth	P	0	0	0	0	0	CONDITIONS DUE TO LOW LIGHT LEVEL. 1,000 PINK
		Bay		0	0	0	0	0	CARCASSES SEEN IN STREAM.
08/23/1996		Stream	P	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE STREAM. LOW LIGHT AND
	Rod Campbell	Mouth	P	0	0	0	0	0	TURBULENCE. COULD ONLY SEE 650 PINK CARCASSES.
		Bay		0	0	0	0	0	
07/07/1997		Stream							DIST SURVEYED; PARTIAL SURVEY BAY & MOUTH ONLY,
	Rod Campbell	Mouth	G	0	0	0	0	100	PLUS 300 CHUM ALONG BEACH BETWEEN 12.08 & 12.07
		Bay	G	0	0	0	0	0	
07/11/1997		Stream							PARTIAL SURVEY BAY & MOUTH ONLY
	Matt Ford	Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
08/12/1997		Stream	G	0	0	0	0	0	DISTANCE SURVEYED: GOOD CONDITIONS
	Jim Cofske	Mouth	G	0	0	0	500	0	
		Bay	G	0	0	0	0	0	
07/14/1998		Stream							PARTIAL SURVEY MOUTH ONLY - NO FISH OBSERVED MINUS
	Rod Campbell	Mouth	G	0	0	0	0	0	LOW TIDE.
		Bay							
07/20/1998		Stream	G	0	0	0	0	0	NO FISH OR JUMPERS OBSERVED.
	Rod Campbell	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	
		Mouth	G	0	0	0	0	25	
		Bay	G	0	0	0	0	0	
08/05/1998	Rod Campbell	Stream	F	0	0	0	0	75	TURBULENT.
		Mouth	F	0	0	0	0	0	
		Bay	F	0	0	0	0	150	
09/04/1998	Rod Campbell	Stream	F	0	0	0	300	0	LOW LIGHT - DARK CLOUD OVERHEAD. PLUS 1,000 PINK CARCASSES.
		Mouth	F	0	0	0	0	0	
		Bay	F	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 ONLY, 1 JUMPER IN MOUTH AREA
		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
07/31/1999	Witteveen	Stream	G	0	0	0	50	0	
		Mouth	G	0	0	0	300	0	
		Bay	G	0	0	0	200	0	
08/18/1999	Dan Connolly	Stream	F	0	0	0	700	0	
		Mouth	G	0	0	0	2,000	0	
		Bay	G	0	0	0	0	0	
09/04/1999	Witteveen	Stream	G	0	0	0	1,000	0	PLUS 2,000 CARCASSES.
		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	



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

*Red shows AWC stream layer in ArcView 3.0*  
*CHANGE Stream # 282-12-10900 TO*  
*282-12-10800*