

# SSRAA 2017 SUMMARY AND 2018 FORECAST

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***TASK FORCE MEETINGS***

***NOVEMBER 28-29, 2017***

# 2017 SSRAA highlights

- Eggtake numbers
- Burnett Inlet expansion
- Neets Bay summer chum brood
- Cost recovery – FY 2017 and 2018
- Canoe Pass test fishing
- Port Asumcion moving ahead
- DEC Hatchery General Permit

# SSRAA RETURNS CONTRIBUTION ESTIMATES 2017

## COHO

Coho	Common Property				Special Harvest Area			SSRAA	Cost			Total	% forecast	Survival 2017	5-year Average
	Release Site	Gillnet	Seine	Troll	Sport	Gillnet	Seine	Troll	Brood	Recovery	Other				
WHITMAN SC	2,465	350	2,840	449					4,274			10,378	57.4%	4.5%	9.1%
NECK LAKE	3,354	134	3,776	3,562					9,214	6,917		26,957	65.5%	1.5%	4.1%
ANITA BAY	392		1,330	115	2,039	30						3,906	19.4%	0.7%	4.6%
CRYSTAL LAKE	660	375	5,720	800								7,555	118.0%	3.2%	3.8%
WHITMAN FC	505	137	5,335	776					4,202			10,955	52.2%	3.7%	6.5%
NAKAT	4,971	254	8,400	869	9,506							24,000	114.3%	4.5%	5.0%
NEETS BAY	2,119	134	11,714	1,140		7	18		588	2,300		18,020	8.8%	0.5%	5.0%
KLAWOK RIVER		4,776	109,610	13,896				2,540	50,455	6,036		187,313	85.1%		
% By Group	5%	2%	51%	7%	4%	0%	0%	1%	24%	5%		100%			
<b>Total</b>	<b>14,466</b>	<b>6,160</b>	<b>148,725</b>	<b>21,607</b>	<b>11,545</b>	<b>37</b>	<b>18</b>	<b>2,540</b>	<b>68,733</b>	<b>15,253</b>		<b>289,084</b>			

# SSRAA RETURNS CONTRIBUTION ESTIMATES 2017

## CHINOOK

Chinook	Common Property				Special Harvest Area			SSRAA	Cost						
Release Site	Gillnet	Seine	Troll	Sport	Gillnet	Seine	Troll	Brood	Recovery	Other	Total	% forecast	Survival 2017	5-year Average	
ANITA BAY	2,350		953	30	4,303	4,436	36				12,108	78.6%	2.5%	3.9%	
CRYSTAL LAKE	160		481	1,500				1,432			3,573	99.8%	0.5%	0.5%	
CITY CREEK	915		225	30							1,170				
COFFMAN COVE	270		125								395				
HERRING COVE	530	20	1,050	1,776				1,271	1,412	2,539	8,598	51.3%	1.2%	1.4%	
PORT ST NICH	41		325						1,350		1,716				
NEETS BAY	585	90	1,274	1,355	1,752	2,351	405		4,250		12,062	54.3%	3.0%	2.7%	
% By Group	12%	0%	11%	12%	15%	17%	1%	7%	18%	6%	100%				
<b>Total</b>	<b>4,851</b>	<b>110</b>	<b>4,433</b>	<b>4,691</b>	<b>6,055</b>	<b>6,787</b>	<b>441</b>	<b>2,703</b>	<b>7,012</b>	<b>2,539</b>	<b>39,622</b>				

# SSRAA RETURNS CONTRIBUTION ESTIMATES 2017

## SUMMER CHUM

S Chum	Common Property				Special Harvest Area			SSRAA	Cost					
Release Site	Gillnet	Seine	Troll	Sport	Gillnet	Seine	Troll	Brood	Recovery	Other	Total	% forecast	Survival 2017	5-year Average
ANITA BAY	215,155	111,680	2,910		47,780	104,200	70				481,795	100.2%	2.1%	2.2%
BURNETT	13,700	1,746						7,000	5,280		27,726			
NAKAT	91,920	12,820	0		110,000						214,740	95.0%	2.6%	3.1%
NEETS BAY	102,810	142,285	126,375		2,810	7,850	118,600	147,000	626,571	15,000	1,289,301	97.7%	2.0%	2.3%
KENDRICK	58,050	450,440	415			137,600					646,505	76.8%	2.6%	2.6%
% By Group	18%	27%	5%		6%	9%	4%	6%	24%	1%	100%			
<b>Total</b>	<b>481,635</b>	<b>718,971</b>	<b>129,700</b>	<b>0</b>	<b>160,590</b>	<b>249,650</b>	<b>118,670</b>	<b>154,000</b>	<b>631,851</b>	<b>15,000</b>	<b>2,660,067</b>			

# SSRAA NEETS BAY SUMMMER CHUM RETURN PATTERN

## Neets Bay Summer Chum Return Pattern - Otolith Data



# SSRAA RETURNS CONTRIBUTION ESTIMATES 2017

## FALL CHUM

F Chum	Common Property				Special Harvest Area			SSRAA	Cost					
Release Site	Gillnet	Seine	Troll	Sport	Gillnet	Seine	Troll	Brood	Recovery	Other	Total	% forecast	Survival 2017	5-year Average
<b>BURNETT</b>	20,725	350						3,600	10,625		<b>35,300</b>			
<b>NEETS BAY</b>	6,210	4,385	2,060				3,580	6,050		300	<b>22,585</b>	10.7%	.2%	1.0%
<b>NAKAT</b>	12,067	1,020			1,555						<b>14,642</b>	15.1%	.2%	1.6%
<b>% By Group</b>	54%	8%	3%	0%	2%	0%	5%	13%	15%	0%	<b>100%</b>			
<b>Total</b>	<b>39,002</b>	<b>5,755</b>	<b>2,060</b>	<b>0</b>	<b>1,555</b>	<b>0</b>	<b>3,580</b>	<b>9,650</b>	<b>10,625</b>		<b>72,527</b>			

# SSRAA CONTRIBUTION VALUE ESTIMATES 2017

## VALUE

SSRAA Value					
	Troll	Gillnet	Seine	Total	
COHO	\$1,282,049	\$240,101	\$23,061	\$1,545,211	8.06%
CHIN	\$525,914	\$694,331	\$398,781	\$1,619,026	8.44%
CHUM	\$1,985,975	\$5,799,955	\$8,226,145	\$16,012,075	83.50%
ALL SPECIES:	\$3,793,938	\$6,734,387	\$8,647,987	\$19,176,312	
	20%	35%	45%		



# SSRAA PRELIMINARY 2018 FORECAST

## SSRAA 2017 Forecast All Species - All Sites

Species	Site	5 YR	4 YR	3 YR	CP	Terminal	Total	2017
S Chum	Neets	123,300	868,300	356,300	363,933	983,967	1,347,900	1,320,000
S Chum	Nakat	41,000	187,200	32,100	130,150	130,150	260,300	226,000
S Chum	Anita	77,000	290,000	92,000	229,500	229,500	459,000	481,000
S Chum	Kendrick	57,300	434,200	141,000	442,750	189,750	632,500	842,000
S Chum	Burnett	Not enough data for forecast calculation						
F Chum	Neets	4,000	50,000	5,400	14,850	44,550	59,400	212,600
F Chum	Nakat	no release	34,655	22,235	19,912	36,979	56,890	96,800
F Chum	Burnett	Not enough data for forecast calculation						
Species	Site	6 YR	5 YR	4 YR	CP	Terminal	Total	2016
Chinook	Whitman	700	6,600	5,000	3,690	8,610	12,300	16,750
Chinook	Neets	1,000	10,000	7,100	5,430	12,670	18,100	22,200
Chinook	Anita	2,000	9,000	4,400	4,620	10,780	15,400	15,400
Chinook	Crystal	600	2,000	700	1,650	1,650	3,300	3,580
Chinook	PSN	24	422	533	294	685	979	
Species	Site	CP	Terminal	Total	2016			
Coho	Whitman FC	15,488	5,163	20,650	21,000			
Coho	Neets	57,901	24,815	82,716	205,000			
Coho	Nakat	19,665	2,185	21,850	21,000			
Coho	Anita	7,600	2,300	9,900	20,100			
Coho	Neck	27,550	27,550	55,100	41,160			
Coho	Whitman SC	10,300	3,500	13,800	18,090			
Coho	Crystal	5,300	960	6,260	9,300			
Coho	Klawock	156,835	67,215	224,050	220,000			

