

## 2024 Grays Harbor Fall Salmon Management Summary Table

Model A - NT Comm 2A/D Wk 42 tangle short day, 43 - 45 2,2,3,2; FW 2 fish Chehalis, MSF Humpotlips, 1 fish FW

FRAM Run: 2417

CHEHALIS RIVER BASIN									
	Chinook			Coho			Chum		
	Natural	Hatchery	Total	Natural	Hatchery	Total	Natural	Hatchery	Total
Escapement Goals	10,601	1,851	12,452	64,713	46,526	111,239	54,562	1,543	67,308
Total Available Harvestable	9,753	578	10,331	28,506	1,500	30,006			21,000
Non-treaty Share	848	1,273	2,121	36,207	45,026	81,233			46,308
	424	637	1,061	18,103	22,513	40,616			23,154
<b>Chehalis River Management Objectives</b>									
Proportion of Rec Marine Area 2.2	<27%			<27%					
Commercial Impact Rate in 2A-D Only	< 0.8%			=<5%					
Total WDFW-managed fishery									
<b>Harvest Impacts</b>									
<b>WDFW-managed fishery Harvest</b>	<b>324</b>	<b>262</b>	<b>585</b>	<b>13,690</b>	<b>8,352</b>	<b>22,042</b>			<b>9,244</b>
Marine Area 2.2 Harvest	130	57	187	1,604	1,245	2,849			89
Freshwater Harvest	105	44	149	8,593	5,927	14,520			1,057
Commercial Harvest (Area 2A, 2D)	88	161	249	3,494	1,179	4,673			8,097
Chehalis Tribal Harvest	70	0	70	2,172	1,772	3,944			0
<b>QIN Treaty Harvest</b>	<b>1,978</b>	<b>345</b>	<b>2,324</b>	<b>16,471</b>	<b>10,421</b>	<b>26,892</b>			<b>23,377</b>
<b>Total Chehalis Basin Harvest</b>	<b>2,372</b>	<b>607</b>	<b>2,979</b>	<b>32,333</b>	<b>20,545</b>	<b>52,878</b>			<b>32,620</b>
<b>Expected Escapement</b>	<b>8,229</b>	<b>1,244</b>	<b>9,473</b>	<b>32,379</b>	<b>25,981</b>	<b>58,360</b>			<b>N/A</b>
		838			2822				
<b>Harvest Rates</b>									
<b>WDFW-managed fishery Harvest Rate</b>	<b>3.1%</b>	<b>14.13%</b>	<b>4.70%</b>	<b>21.16%</b>	<b>17.95%</b>	<b>19.81%</b>			<b>13.73%</b>
<b>Total Recreational harvest rate</b>	<b>2.22%</b>	<b>5.43%</b>	<b>2.70%</b>	<b>15.76%</b>	<b>15.42%</b>	<b>15.61%</b>			<b>1.70%</b>
Proportion of Rec Marine Area 2.2	55.39%	56.52%	55.73%	15.73%	17.36%	16.40%			7.80%
Proportion of Rec Freshwater	44.61%	43.48%	44.27%	84.27%	82.64%	83.60%			92.20%
Commercial Impact Rate in 2A-D only	<b>0.78%</b>								
Commercial harvest rate	0.83%	8.70%	2.00%	5.40%	2.53%	4.20%			12.03%
Chehalis Tribal harvest rate	0.66%	0.00%	0.56%	3.36%	3.81%	3.55%			0.00%
<b>QIN Treaty Harvest Rate</b>	<b>18.66%</b>	<b>18.66%</b>	<b>18.66%</b>	<b>25.45%</b>	<b>22.40%</b>	<b>24.18%</b>			<b>34.73%</b>
<b>Total Chehalis Basin Harvest Rate</b>	<b>22.37%</b>	<b>32.79%</b>	<b>23.92%</b>	<b>49.96%</b>	<b>44.16%</b>	<b>47.54%</b>			<b>48.46%</b>

HUMPTULIPS RIVER BASIN									
	Chinook			Coho			Chum		
	Natural	Hatchery	Total	Natural	Hatchery	Total	Natural	Hatchery	Total
Escapement Goal	3,728	3,462	7,190	3,720	9,889	13,609	54,562	1,543	67,308
Total Available Harvestable	3,573	369	3,942	6,894	400	7,294			21,000
Non-treaty Share	155	3,093	3,248	-3,174	9,489	6,315			46,308
	78	1,547	1,624	-1,587	4,745	3,157			23,154
<b>Humptulips River Management Objectives</b>									
Marine Area 2.2 impact rate	37%			18 - 34%					
Commercial impact rate in 2C Only									
Total Impacts				< 5%					
<b>Harvest Impacts</b>									
<b>WDFW-managed fishery Harvest</b>	<b>105</b>	<b>1,035</b>	<b>1,140</b>	<b>119</b>	<b>1,592</b>	<b>1,711</b>			<b>397</b>
Marine Area 2.2 Harvest	10	167	177	12	160	171			0
Freshwater Harvest	83	854	937	81	1,417	1,498			231
Commercial Harvest	12	14	26	27	16	42			166
<b>QIN Treaty Harvest</b>	<b>727</b>	<b>196</b>	<b>923</b>	<b>2,163</b>	<b>2,196</b>	<b>4,359</b>			<b>10,233</b>
<b>Total Humptulips Basin Harvest</b>	<b>832</b>	<b>1,231</b>	<b>2,063</b>	<b>2,282</b>	<b>3,788</b>	<b>6,071</b>			<b>10,631</b>
<b>Expected Escapement</b>	<b>2,896</b>	<b>2,231</b>	<b>5,127</b>	<b>1,437</b>	<b>6,101</b>	<b>7,538</b>			<b>N/A</b>
		1281			572				
<b>Harvest Rates</b>									
<b>WDFW-managed fishery Harvest Rate</b>	<b>2.82%</b>	<b>29.89%</b>	<b>15.86%</b>	<b>3.21%</b>	<b>16.10%</b>	<b>12.58%</b>			<b>0.59%</b>
<b>Total Recreational harvest rate</b>	<b>2.51%</b>	<b>29.48%</b>	<b>15.50%</b>	<b>2.49%</b>	<b>15.94%</b>	<b>12.26%</b>			<b>0.34%</b>
Proportion of Rec Marine Area 2.2	11.23%	16.36%	15.92%	12.84%	10.12%	10.27%			See above
Proportion of Rec Freshwater	88.77%	83.64%	84.08%	87.16%	89.88%	89.73%			100.00%
Commercial harvest rate in 2C Only	0.25%								
Commercial harvest rate	0.31%	0.41%	0.36%	0.72%	0.16%	0.31%			0.25%
<b>QIN Treaty Harvest Rate</b>	<b>19.49%</b>	<b>5.66%</b>	<b>12.83%</b>	<b>58.16%</b>	<b>22.21%</b>	<b>32.03%</b>			<b>15.20%</b>
<b>Total Harvest Rate</b>	<b>22.32%</b>	<b>35.55%</b>	<b>28.69%</b>	<b>61.36%</b>	<b>38.31%</b>	<b>44.61%</b>			<b>15.79%</b>

GRAYS HARBOR TOTAL									
	Chinook			Coho			Chum		
	Natural	Hatchery	Total	Natural	Hatchery	Total	Natural	Hatchery	Total
Escapement Goal	14,329	5,313	19,642	68,432	56,415	124,847	54,562	1,543	67,308
Total Available Harvestable	13,326	947	14,273	35,400	1,900	37,300			21,000
Non-treaty Share	1,003	4,366	5,369	33,032	54,515	87,547			46,308
	502	2,183	2,685	16,516	27,258	43,774			23,154

Management Objectives									
Marine Area 2.2 impact rate	< 2% total								
Commercial impact rate									
Total Impacts									

Harvest Impacts									
<b>WDFW-managed fishery Harvest</b>	<b>429</b>	<b>1,296</b>	<b>1,725</b>	<b>13,810</b>	<b>9,944</b>	<b>23,753</b>			<b>9,641</b>
Marine Area 2.2 Harvest	141	224	365	1,616	1,405	3,021			89
Freshwater Harvest	188	897	1,085	8,673	7,344	16,018			1,288
Commercial Harvest	100	175	275	3,520	1,195	4,715			8,263
<i>Chehalis Tribe</i>	70	0	70	2,172	1,772	3,944			0
<i>Total NT - Harvest</i>	499	1,296	1,795	15,982	11,716	27,698			9,641
<b>QIN Treaty Harvest</b>	<b>2,705</b>	<b>541</b>	<b>3,246</b>	<b>18,634</b>	<b>12,618</b>	<b>31,251</b>			<b>33,610</b>
<b>Total GH Harvest</b>	<b>3,204</b>	<b>1,838</b>	<b>5,042</b>	<b>34,616</b>	<b>24,333</b>	<b>58,949</b>			<b>43,251</b>

<b>Expected Escapement</b>	<b>11,125</b>	<b>3,475</b>	<b>14,600</b>	<b>33,817</b>	<b>32,082</b>	<b>65,899</b>			<b>24,057</b>
	2,201	2119		1583	3393				-3057

Harvest Rates									
<b>Non-treaty Harvest Rate</b>	<b>2.99%</b>	<b>24.40%</b>	<b>8.78%</b>	<b>20.18%</b>	<b>17.63%</b>	<b>19.03%</b>			<b>14.32%</b>
Proportion of Rec Marine Area 2.2									<b>6.49%</b>
Marine Area 2.2 harvest rate	0.98%	4.21%	1.86%	2.36%	2.49%	2.42%			0.13%
Freshwater harvest rate	1.31%	16.89%	5.53%	12.67%	13.02%	12.83%			1.91%
Commercial harvest rate	0.70%	3.30%	1.40%	5.14%	2.12%	3.78%			12.28%
<b>QIN Treaty Harvest Rate</b>	<b>18.88%</b>	<b>10.19%</b>	<b>16.53%</b>	<b>27.23%</b>	<b>22.37%</b>	<b>25.03%</b>			<b>49.93%</b>
<b>Total GH Harvest Rate</b>	<b>22.36%</b>	<b>34.59%</b>	<b>25.67%</b>	<b>50.58%</b>	<b>43.13%</b>	<b>47.22%</b>			<b>64.26%</b>

16%	71%	36%	46%	48%	47%	22%
84%	29%	64%	54%	52%	53%	78%
100%	100%	100%	100%	100%	100%	100%

total natural spawner **13,244** -1583 **37,210**