

Grays Harbor Salmon Management



**Ron Warren; Region 6 Fish Program Manager
Washington Fish and Wildlife Commission Meeting
December 7, 2013**

Purpose

- **Brief FWC on Draft Grays Harbor Salmon Management Policy**
- **Seek Commission input on Policy Enhancements**
- **Seek Commission approval for 30 day public comment period**

Presentation Outline

- **Need For Policy**
- **Review Policy Development Schedule**
- **Economic Value of Fisheries**
- **Key Policy Issues**
- **Key Elements of Draft Policy**
- **Proposed Sharing Sideboards**



Why is a Grays Harbor Salmon Management Policy Needed?

- **Enhance Conservation Focus**
- **Restore and Maintain Public Trust**
- **Clarify Sharing of Impacts**

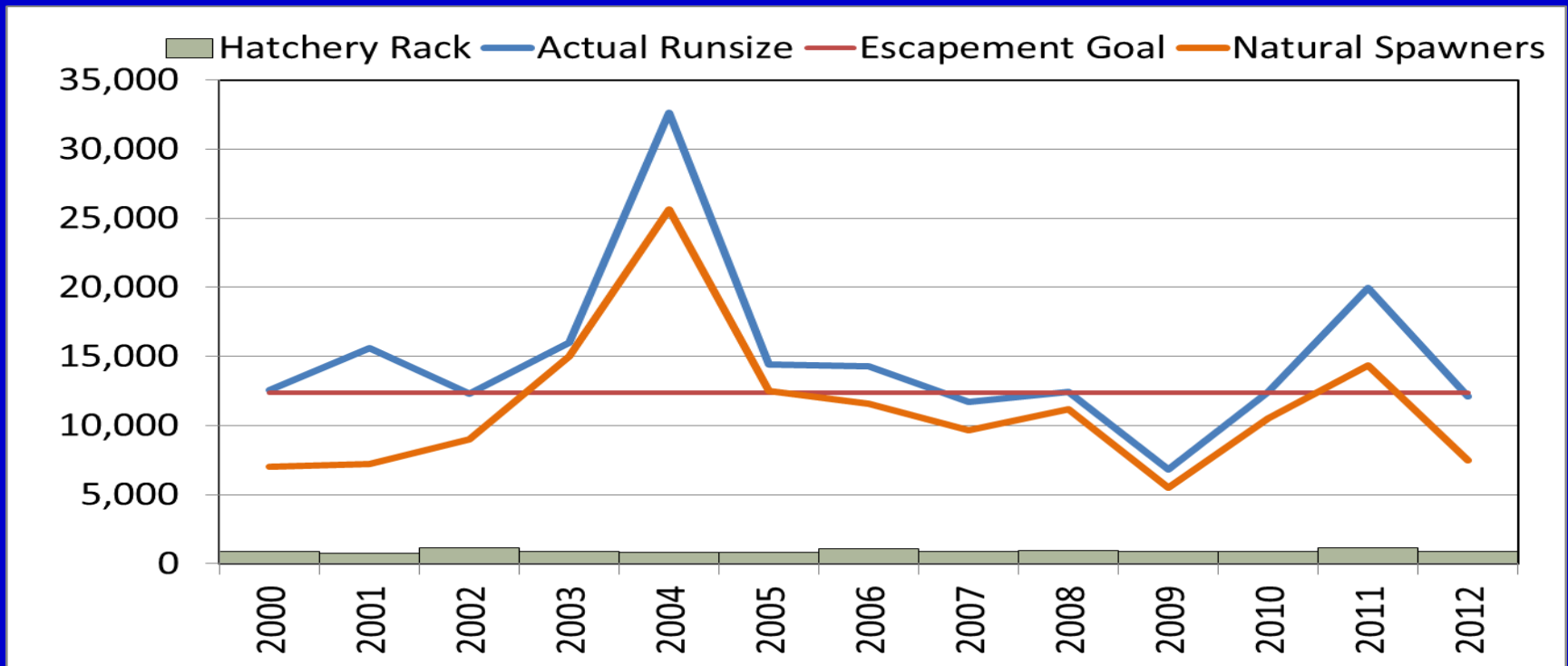
Proposed Policy Development Schedule

- **Nov - FWC reviews initial Policy sideboards**
- **Dec - FWC considers draft Policy**
 - **Considers 30 day public comment period**
- **Jan - FWC reviews public comment on draft Policy**
 - **FWC provides additional direction on Policy**
- **Feb - FWC considers adoption of Policy**

Chehalis Fall Chinook

Spawn in major tributaries and the mainstem Chehalis.

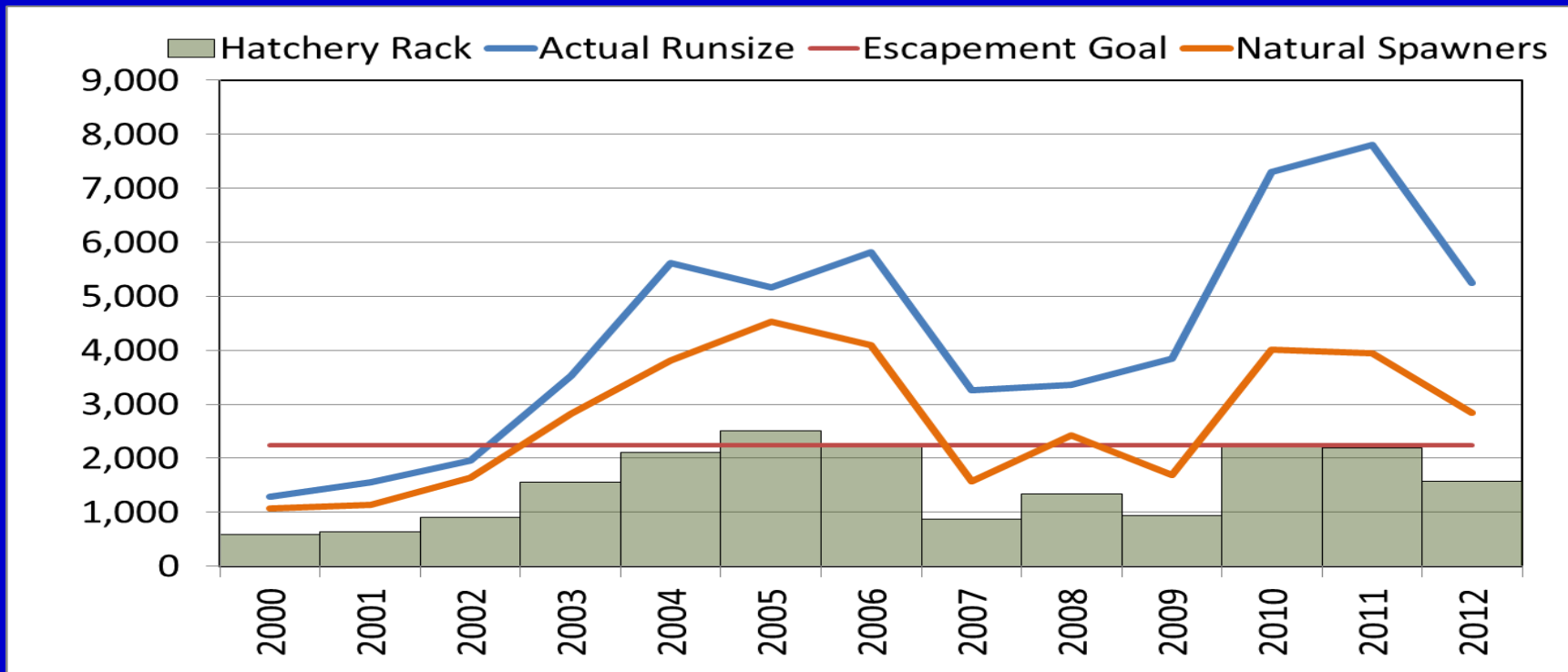
*Please note that an error was made in the November presentation. The graphic below depicted the blue line (actual runsize) as the natural escapement.



Humptulips Fall Chinook

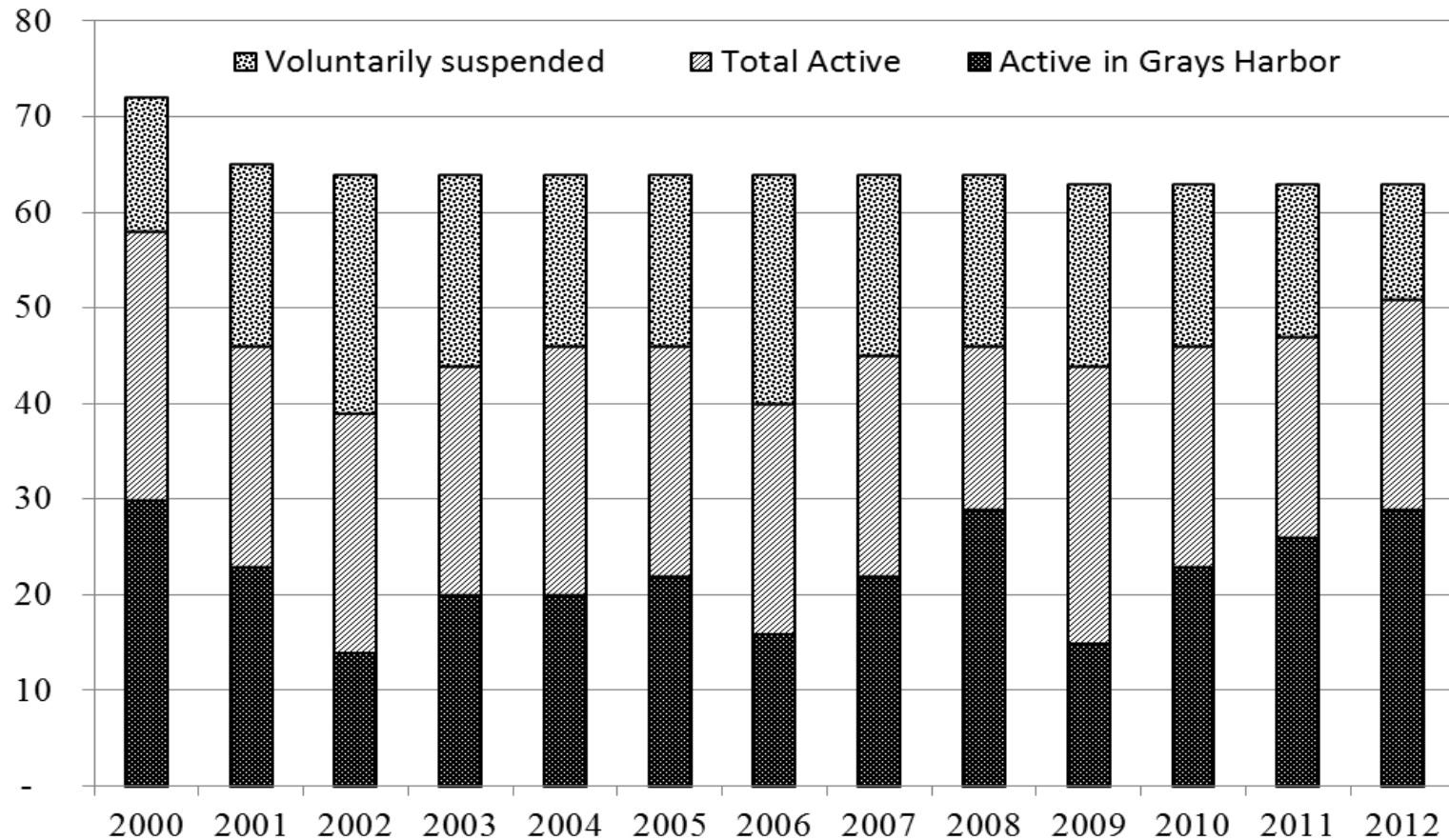
Spawn in major tributaries and the mainstem Humptulips.

*Please note that an error was made in the November presentation. The graphic below depicted the blue line (actual runsize) as the natural escapement.



Economic Value Commercial Fisheries

Grays Harbor Columbia River Salmon Gill Net licenses 2000-2012



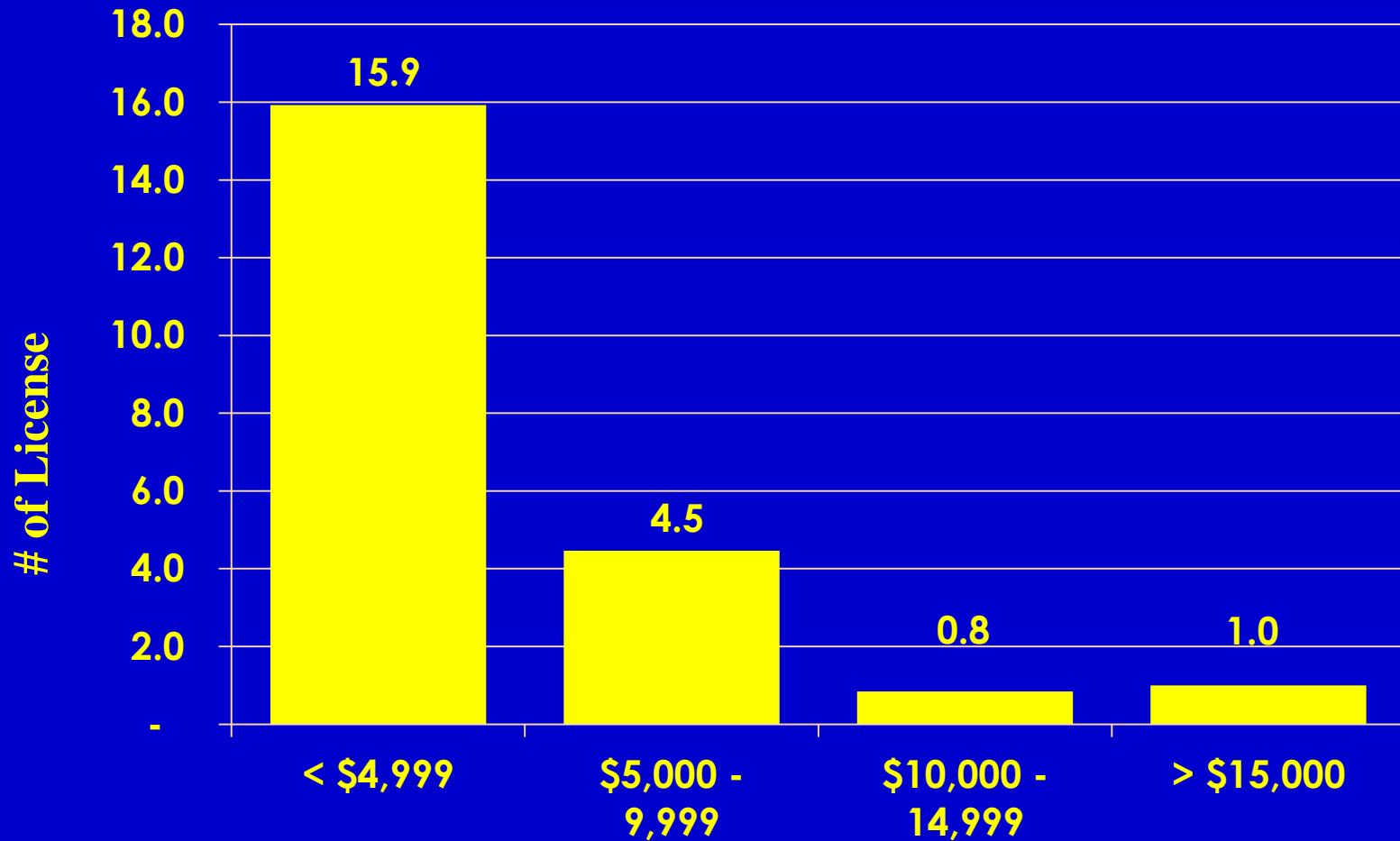
Grays Harbor Fisheries

WDFW Managed Commercial ex-vessel value

Year	Chinook	Chum	Coho	Grand Total
2000	\$ 33,496	\$ 2,295	\$ 32,383	\$ 68,174
2001	\$ 51,639	\$ 376	\$ 12,630	\$ 64,646
2002	\$ 823	\$ 9,958	\$ 24,171	\$ 34,953
2003	\$ 1,875	\$ 12,232	\$ 46,306	\$ 60,414
2004	\$ 3,595	\$ 12,584	\$ 69,712	\$ 85,891
2005	\$ 2,386	\$ 3,795	\$ 44,693	\$ 50,874
2006	\$ 0	\$ 66	\$ 10,570	\$ 10,636
2007	\$ 38,231	\$ 566	\$ 30,986	\$ 69,783
2008	\$ 51,958	\$ 1,403	\$ 152,379	\$ 205,740
2009	\$ 49,007	\$ 0	\$ 7,824	\$ 56,831
2010	\$ 49,074	\$ 0	\$ 66,199	\$ 115,273
2011	\$ 77,462	\$ 29,019	\$ 57,223	\$ 163,705
2012	\$ 53,528	\$ 6,237	\$ 157,785	\$ 217,550
Average	\$ 31,775	\$ 6,041	\$ 54,835	\$ 92,652

**Gross Domestic Product inflation adjusted; normalized to real 2013 dollars*

Average Annual Distribution of Grays Harbor Salmon Gillnet Ex-Vessel Value for 2000 - 2012



Economic Value of the Recreational Fishery 2000 - 2012

You cannot compare this recreational value with the commercial ex-vessel values

Average Chinook and Coho Catch	Average Angler Trips	Economic Impact/Trip	Average Economic Impact
12,298	51,245	\$58.55	\$1,449,731

TCW Economics. 2008. Economic analysis of the non-treaty commercial and recreational fisheries in Washington State. Sacramento, CA. With technical assistance from The Research Group, Corvallis, OR.

Key Policy Issues

- **Enhance Conservation Focus**
 - Technical Rigor
 - In-Season Management
 - Monitoring and Enforcement
- **Restore and Maintain Public Trust**
 - Transparency
- **Clarify Sharing of Impacts**

Key Element - CONSERVATION

- **General Policy Statement**

- Promote the conservation of wild salmon and steelhead and improve the Department's management of salmon in the Grays Harbor Basin

- **Guiding Principles**

- #1 Manage fisheries consistent with conservation
- #9 Account for catch and incidental mortality
- #10 Implement inseason conservation measures
- #12 Increase technical rigor

Key Element – PUBLIC TRUST

- **General Policy Statement**

- Improve communication, information sharing, and transparency

- **Guiding Principles**

- #2 Communicate co-manager issues
- #11 Document and distribute:
 - Management objectives
 - Inseason information
- #14 Properly implement mark selective fisheries

- **Adaptive Management**

- Conduct and distribute annual fishery review

Key Element – CLARIFY SHARING

- **Purpose**

- Enhance the economic well-being and stability of fishing industry

- **Guiding Principles**

- #7 fairly distribute fishing opportunities

Chehalis Fall Chinook Proposed Sharing Sideboards

Option A. Recreational Input

QIN	CTCR	Recreational Share		Commercial Share	
		Small Run	Large Run	Small Run	Large Run
50%	8.25%	40%	30%	1.75%	11.75%

Option B. Commercial Input

QIN	CTCR	Recreational Share		Commercial Share	
		Small Run	Large Run	Small Run	Large Run
50%	8.25%	25%	19%	16.75%	22.75%

Humptulips Fall Chinook Proposed Sharing Sideboards

Option A. Recreational Input

QIN	Recreational Share		Commercial Share	
	Small Run	Large Run	Small Run	Large Run
50%	48%	38%	2%	12%

Option B. Commercial Input

QIN	Recreational Share		Commercial Share	
	Small Run	Large Run	Small Run	Large Run
50%	31%	23%	19%	27%

Chehalis Coho Proposed Sharing Sideboards

Option A. Recreational Input

		Recreational Share		Commercial Share	
QIN	CTCR	Small Run	Large Run	Small Run	Large Run
50%	4.32%	42%	35%	3.68%	10.68%

Option B. Commercial Input

		Recreational Share		Commercial Share	
QIN	CTCR	Small Run	Large Run	Small Run	Large Run
50%	4.32%	28%	21%	17.68%	24.68%

Humptulips Coho Proposed Sharing Sideboards

Option A. Recreational Input

QIN	Recreational Share		Commercial Share	
	Small Run	Large Run	Small Run	Large Run
50%	46%	39%	4%	11%

Option B. Commercial Input

QIN	Recreational Share		Commercial Share	
	Small Run	Large Run	Small Run	Large Run
50%	31%	23%	19%	27%

Grays Harbor Chum Proposed Sharing Sideboards

Option A. Recreational Input

QIN	CTCR	Recreational Share		Commercial Share	
		Small Run	Large Run	Small Run	Large Run
50%	0.0%	43%	35%	7%	15%

Option B. Commercial Input

QIN	CTCR	Recreational Share		Commercial Share	
		Small Run	Large Run	Small Run	Large Run
50%	0.0%	14%	6%	36%	44%

Recreational Fishery

Freshwater and Marine Sharing Input

	% to Freshwater Fishery		
	2009 – 2012		
	Small Run	Avg. %	Large Run
Fall Chinook			
Chehalis	73%	31%*	52%
Humptulips	78%	93%	63%
Coho			
Chehalis	73%	70%	55%
Humptulips	82%	33%	66%
Chum	98%	64%	67%

*Does not include 2009. Data not available.

Fall Chinook Recreational Sharing Summary

Values shown are percentages of recreational share

Chehalis Chinook	Small Runsize	2009 - 2012 Average Recreational %	Large Runsize
Option A	96	53	72
Option B	60		46

Humptulips Chinook			
Option A	96	72	76
Option B	62		46

Coho Recreational Sharing Summary

Values shown are percentages of recreational share

Chehalis Coho	Small Runsize	2009 - 2012 Average Recreational %	Large Runsize
Option A	92	81	77
Option B	61		46

Humptulips Coho			
Option A	92	84	78
Option B	62		46

Chum Recreational Sharing Summary

Values shown are percentages of recreational share

Grays Harbor Chum	Small Runsize	2009 - 2012 Average Recreational %	Large Runsize
Option A	86	5	70
Option B	28		12

Next Steps

- **Dec - FWC considers draft Policy**
 - **Considers 30 day public comment period**
 - **Public comment today**
- **Jan - FWC reviews public comment on draft Policy**
 - **FWC provides additional direction on Policy**
- **Feb - FWC considers adoption of Policy**
- **Questions?**