

The Agricultural Drainage Assistance Program (ADAP) waterway classification was developed to guide the type and level of best management practices (BMPs) in order to allocate time and financial resources effectively, and minimize costs to farmers and the public, while minimizing impacts of periodic agricultural waterways maintenance activities on salmon and their habitat. Below is a breakdown of that classification system after it was applied to the waterways of the Snoqualmie APD.

Watercourses in the Snoqualmie APD based on ADAP classification system							
Potential level salmonid use	Channel Type	North APD		South APD		combined APD	
		ft	% of North	ft	% of South	ft	% of total
High	Natural	54,590	9.7%	48,191	17.5%	102,781	12.2%
	Modified	103,776	18.4%	54,793	19.9%	158,569	18.9%
	Artificial	1,997	0.4%	0	0.0%	1,997	0.2%
Moderate	Natural	37,064	6.6%	19,560	7.1%	56,624	6.7%
	Modified	109,614	19.4%	24,065	8.7%	133,679	15.9%
	Artificial	0	0.0%	0	0.0%	0	0.0%
Low	Natural	7,757	1.4%	3,905	1.4%	11,662	1.4%
	Modified	30,104	5.3%	10,377	3.8%	40,481	4.8%
	Artificial	71,758	12.7%	17,396	6.3%	89,154	10.6%
n/a	Lake	27,684	4.9%	25,894	9.4%	53,578	6.4%
n/a	River	86,649	15.4%	54,791	19.9%	141,440	16.8%
n/a	Unknown	32,686	5.8%	16,798	6.1%	49,484	5.9%
total (ft)		563,679	100%	275,770	100.0%	839,449	100.0%
total (miles)		107		52		159	
Shaded cells means the channel type is not part of the ADAP program. Some waterways in the non-shaded areas are also <u>not</u> included in the ADAP program. Specifically, waterways with 20cfs or greater mean annual flow are not part of program (i.e. Snoqualmie River, Harris Creek, Cherry Creek, Griffin Creek, and Patterson Creek) . Waterways having fish construction window flows higher than can be handled by a 4 inch pump are not included (examples Lower Tuck and Ames Creek)							

Total watercourse length in APD, but not included in ADAP			
	North	South	total
Total shaded area (ft)	213,744	152,341	366,085
Total % of shaded area	37.9%	55.2%	43.6%

Potential level salmonid use	channel Type	% of North	% of South	% of total
High	Natural	9.7%	17.5%	12.2%
	Modified	18.4%	19.9%	18.9%
	Artificial	0.4%	0.0%	0.2%
Moderate	Natural	6.6%	7.1%	6.7%
	Modified	19.4%	8.7%	15.9%
	Artificial	0.0%	0.0%	0.0%
Low	Natural	1.4%	1.4%	1.4%
	Modified	5.3%	3.8%	4.8%
	Artificial	12.7%	6.3%	10.6%
n/a	Lake	4.9%	9.4%	6.4%
n/a	River	15.4%	19.9%	16.8%
n/a	Unknown	5.8%	6.1%	5.9%
total (ft)		100%	100.0%	100.0%