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Ex. 279-US-423

Unknown

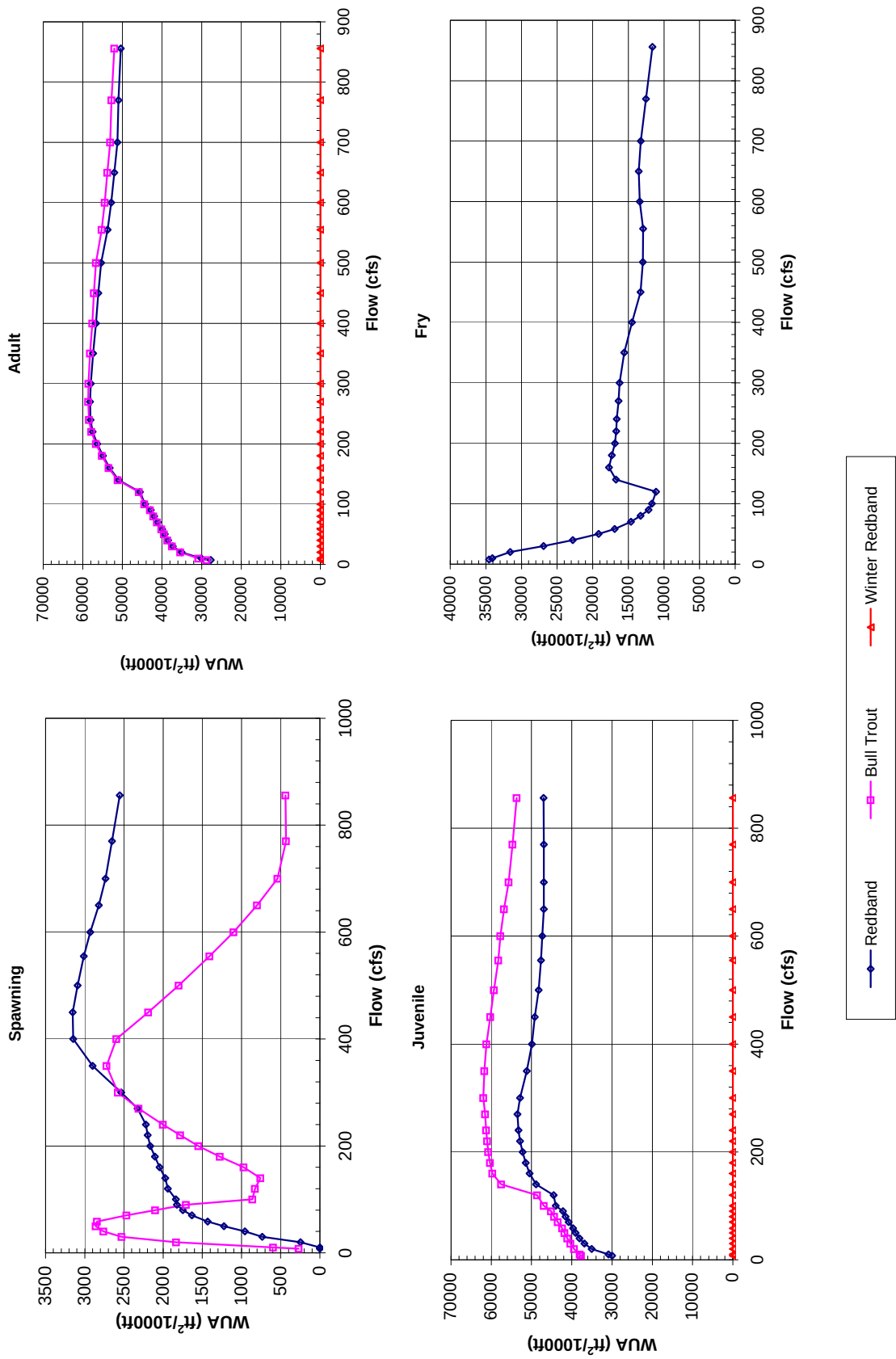
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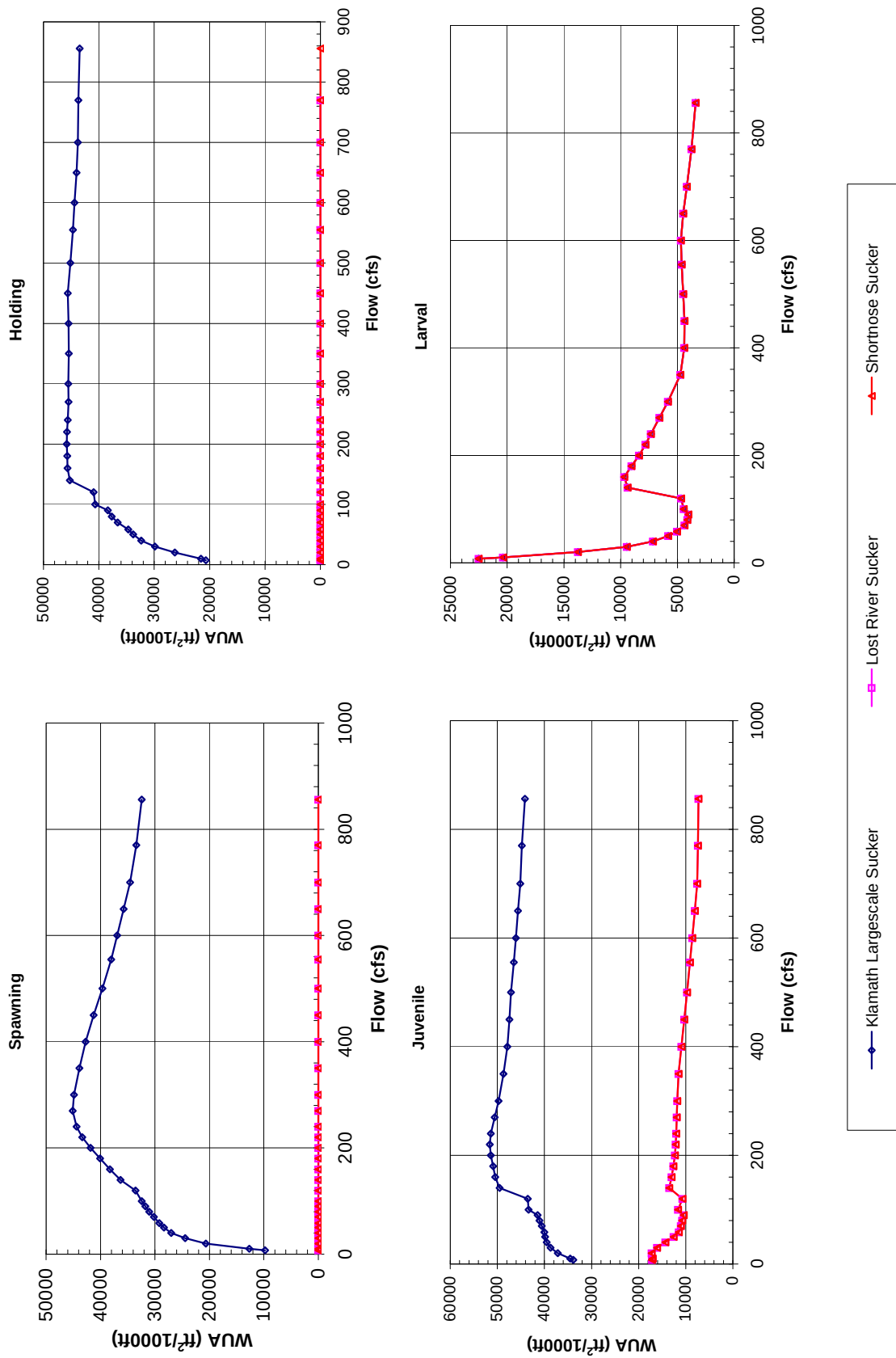
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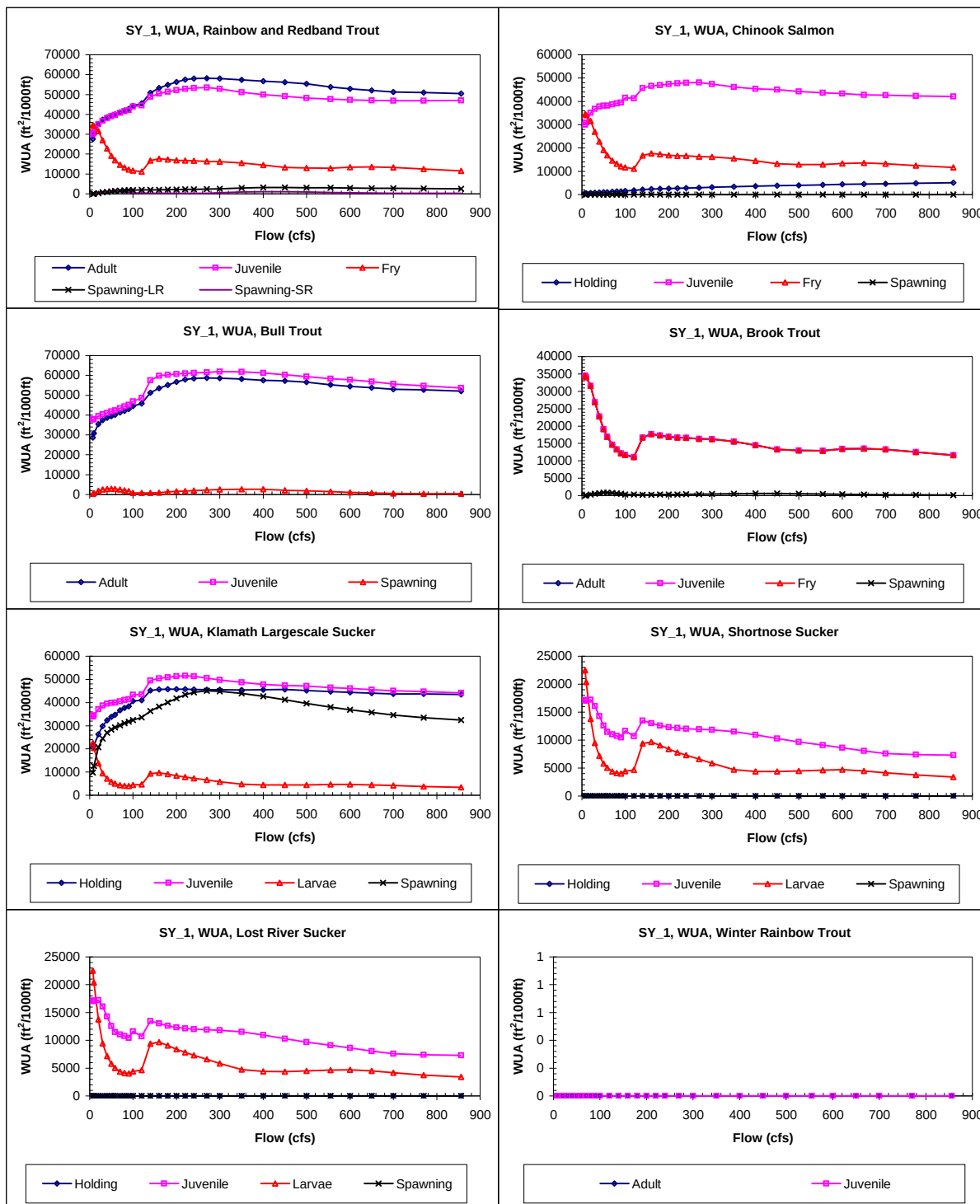
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Site SY 1 Priority Species Habitat - Flow Curves



Site SY 1 Priority Species Habitat - Flow Curves





Claim Reach 658 Sycan River, Site 1, Composite WUA

Rainbow and Redband Trout	Q (cfs)	WUA (ft ² /1000ft)				
		Adult	Juvenile	Fry	Spawning -	
					Large River	Small River
7.5	27674	30000	34555	0	0	0
10	30048	30871	34098	0	0	0
20	35059	35076	31584	248	248	
30	37269	36847	26903	735	735	
40	38466	38093	22792	957	928	
50	39333	39071	19163	1224	1079	
58.4	39990	39688	16910	1432	1128	
70	41078	40779	14620	1631	1001	
80	42001	41555	13282	1747	845	
90	42831	42167	12161	1825	712	
100	44249	44015	11680	1839	463	
120	45609	44512	11108	1939	409	
140	50906	48882	16730	1973	265	
160	53248	50494	17699	2046	241	
180	54898	51410	17321	2104	230	
200	56384	52240	16891	2164	220	
220	57504	52865	16679	2198	214	
240	58051	53265	16632	2221	228	
270	58158	53519	16355	2325	329	
300	58002	52835	16212	2534	536	
350	57376	51184	15561	2898	882	
400	56652	49920	14481	3148	1118	
450	56124	49167	13297	3152	1081	
500	55394	48227	12959	3091	904	
555	53751	47637	12927	3011	683	
600	52854	47340	13400	2928	523	
650	52044	46975	13545	2819	404	
700	51266	46924	13251	2736	322	
770	51024	46915	12509	2652	259	
856	50417	47036	11611	2553	201	

Chinook Salmon	Q (cfs)	WUA (ft ² /1000ft)			
		Holding	Juvenile	Fry	Spawning
7.5	533	30000	34555	0	
10	560	30871	34098	0	
20	707	35076	31584	0	
30	818	36831	26903	0	
40	906	37841	22792	0	
50	984	38207	19163	0	
58.4	1053	38191	16910	0	
70	1192	38773	14620	0	
80	1307	39204	13282	0	
90	1413	39539	12161	0	
100	1639	41538	11680	0	
120	1796	41362	11108	0	
140	2176	45726	16730	0	
160	2322	46635	17699	0	
180	2448	46986	17321	0	
200	2577	47386	16891	0	
220	2695	47734	16679	0	
240	2807	47949	16632	0	
270	2971	48105	16355	0	
300	3132	47469	16212	0	
350	3373	46207	15561	0	
400	3592	45357	14481	0	
450	3812	45003	13297	0	
500	4011	44290	12959	0	
555	4219	43697	12927	0	
600	4382	43325	13400	0	
650	4541	42838	13545	0	
700	4691	42659	13251	0	
770	4887	42380	12509	0	
856	5042	42148	11611	0	

Bull Trout	Q (cfs)	WUA (ft ² /1000ft)		
		Adult	Juvenile	Spawning
7.5	28708	37667		270
10	30797	38035		599
20	35406	39425		1833
30	37508	40353		2529
40	38657	41107		2760
50	39493	41802		2860
58.4	40149	42417		2845
70	41245	43493		2469
80	42172	44366		2101
90	43007	45157		1710
100	44464	46920		862
120	45817	48621		828
140	51215	57522		757
160	53510	59721		974
180	55162	60333		1278
200	56683	60731		1550
220	57851	61028		1781
240	58460	61278		2001
270	58653	61555		2314
300	58583	61946		2577
350	58149	61700		2721
400	57575	61208		2596
450	57194	60250		2189
500	56649	59351		1801
555	55252	58264		1408
600	54487	57749		1102
650	53778	56842		801
700	53061	55701		540
770	52772	54736		431
856	52062	53694		437

Brook Trout	Q (cfs)	WUA (ft ² /1000ft)			
		Adult	Juvenile	Fry	Spawning
7.5	34555	34555	34555	23	
10	34098	34098	34098	74	
20	31584	31584	31584	301	
30	26903	26903	26903	523	
40	22792	22792	22792	716	
50	19163	19163	19163	835	
58.4	16910	16910	16910	867	
70	14620	14620	14620	756	
80	13282	13282	13282	633	
90	12161	12161	12161	534	
100	11680	11680	11680	337	
120	11108	11108	11108	315	
140	16730	16730	16730	214	
160	17699	17699	17699	237	
180	17321	17321	17321	273	
200	16891	16891	16891	310	
220	16679	16679	16679	337	
240	16632	16632	16632	364	
270	16355	16355	16355	409	
300	16212	16212	16212	459	
350	15561	15561	15561	525	
400	14481	14481	14481	576	
450	13297	13297	13297	589	
500	12959	12959	12959	533	
555	12927	12927	12927	450	
600	13400	13400	13400	378	
650	13545	13545	13545	314	
700	13251	13251	13251	254	
770	12509	12509	12509	197	
856	11611	11611	11611	158	

Claim Reach 658 Sycan River, Site 1, Composite WUA

	Q (cfs)	WUA (ft ² /1000ft)			
		Holding	Juvenile	Larvae	Spawning
Klamath Largemouth Sucker	7.5	20684	33881	22517	9770
	10	21567	34541	20376	12665
	20	26275	37141	13771	20672
	30	29873	38701	9463	24442
	40	32359	39543	7161	27014
	50	33782	39863	5809	28340
	58.4	34673	39993	5028	29219
	70	36614	40572	4378	30217
	80	37693	41054	4125	31038
	90	38385	41438	4024	31751
	100	40676	43356	4433	32450
	120	40939	43532	4662	33577
	140	45254	49512	9387	36319
	160	45672	50448	9692	38261
	180	45719	50885	9057	40067
	200	45794	51375	8382	41837
	220	45742	51607	7806	43345
	240	45600	51399	7329	44415
	270	45485	50539	6589	45119
	300	45531	49732	5845	44873
	350	45448	48677	4740	43895
	400	45484	47858	4399	42714
	450	45619	47411	4384	41259
	500	45164	47104	4486	39629
	555	44695	46483	4627	38028
	600	44414	46058	4698	36924
	650	44031	45594	4497	35742
	700	43776	45100	4161	34591
	770	43687	44784	3755	33443
	856	43444	44128	3405	32453

	Q (cfs)	WUA (ft ² /1000ft)			
		Holding	Juvenile	Larvae	Spawning
Shorthorn Sucker	7.5	0	17184	22517	0
	10	0	17024	20376	0
	20	0	17223	13771	0
	30	0	16091	9463	0
	40	0	14301	7161	0
	50	0	12572	5809	0
	58.4	0	11477	5028	0
	70	0	11038	4378	0
	80	0	10765	4125	0
	90	0	10450	4024	0
	100	0	11644	4433	0
	120	0	10724	4662	0
	140	0	13485	9387	0
	160	0	13029	9692	0
	180	0	12602	9057	0
	200	0	12312	8382	0
	220	0	12148	7806	0
	240	0	12016	7329	0
	270	0	11924	6589	0
	300	0	11828	5845	0
	350	0	11525	4740	0
	400	0	10949	4399	0
	450	0	10299	4384	0
	500	0	9690	4486	0
	555	0	9105	4627	0
	600	0	8618	4698	0
	650	0	8050	4497	0
	700	0	7596	4161	0
	770	0	7411	3755	0
	856	0	7315	3405	0

	Q (cfs)	WUA (ft ² /1000ft)			
		Holding	Juvenile	Larvae	Spawning
Lost River Sucker	7.5	0	17184	22517	0
	10	0	17024	20376	0
	20	0	17223	13771	0
	30	0	16091	9463	0
	40	0	14301	7161	0
	50	0	12572	5809	0
	58.4	0	11477	5028	0
	70	0	11038	4378	0
	80	0	10765	4125	0
	90	0	10450	4024	0
	100	0	11644	4433	0
	120	0	10724	4662	0
	140	0	13485	9387	0
	160	0	13029	9692	0
	180	0	12602	9057	0
	200	0	12312	8382	0
	220	0	12148	7806	0
	240	0	12016	7329	0
	270	0	11924	6589	0
	300	0	11828	5845	0
	350	0	11525	4740	0
	400	0	10949	4399	0
	450	0	10299	4384	0
	500	0	9690	4486	0
	555	0	9105	4627	0
	600	0	8618	4698	0
	650	0	8050	4497	0
	700	0	7596	4161	0
	770	0	7411	3755	0
	856	0	7315	3405	0

	Q (cfs)	WUA (ft ² /1000ft)	
		Adult	Juvenile
Winter Rainbow Trout	7.5	0	0
	10	0	0
	20	0	0
	30	0	0
	40	0	0
	50	0	0
	58.4	0	0
	70	0	0
	80	0	0
	90	0	0
	100	0	0
	120	0	0
	140	0	0
	160	0	0
	180	0	0
	200	0	0
	220	0	0
	240	0	0
	270	0	0
	300	0	0
	350	0	0
	400	0	0
	450	0	0
	500	0	0
	555	0	0
	600	0	0
	650	0	0
	700	0	0
	770	0	0
	856	0	0