

Appendix 2-C:
WRIA 18 Geographic Information Systems
Analysis of Water Rights
(Ecology 2002)

**APPENDIX 2-C
WRIA 18 WATER RIGHTS TOTALS**

WRIA 18 WATER RIGHTS BY SUBBASIN

SUBBASIN	CERTIFICATES & PERMITS				
	CFS	GPM	ACFT	DOM UNITS	ACRES IRR
Bagley Creek	1.71	18	56.5		102
Bear Creek	280.16	265	156.6		14014.3
Bell Creek	1.96	1308	811.74	128	335.5
Canyon Creek	0	0	0		0
Cassalery Creek	7.79	856	1217.87		685.5
Chicken Coop Creek	0.26	79	29.5	10	13
Dean Creek	0.09	0	11		2
Dry Creek	0.64	284	220.68	1	86
Dungeness Bay inner	1.63	2645	1531.4		170
Dungeness Bay outer	8.72	6803.5	3630.2	6	664
Dungeness River	340.66	13833	8792.55	56	16867
Elwha River	153.32	48367	108541.5	52	119.8
Ennis Creek	0.64	214	87	51	6
Geirin Creek	6.77	6256	3506.97	35	897.32
Indian Creek	3.32	342	132.92	18	31.5
JimmyComeLately Creek	0.73	56	131.2		101.27
Johnson Creek	3.76	4817	356.2	430	223.75
Lees Creek	0.52	470	373.8		86.5
Little River	20.55	10	145.14	1	26.75
Matriotti Creek	10.19	5923.5	2176.9	420	1362.75
McDonald Creek	5.25	97.5	74		374.5
Meadowbrook Creek	0	10	1		0
Morse Creek	35.7	1560	1784.45		318.5
Peabody Creek	1.02	154	118.87	1	39
Port Angeles Small Tributaries	0.19	30	33.1		19
Sequim Bay Tributaries	1.8	1263.5	466.9	55	131.8
Siebert Creek	0.63	350	151		74.75
Strait small tributaries	1.65	1950	724.7		165
Tumwater Creek	20.9	175	151.5	18	84
Unknown Surface Source	14.19	0	2291.13	20	397.5
Valley Creek	0.17	22	14		12.5
White Creek	0.09	20	19.3		2
Wood Creek	0	0	0		0
TOTAL	925.01	98179	137739.62	1302	37413.49

WRIA 18 WATER RIGHTS BY SUBBASIN

SUBBASIN	CLAIMS				
	CFS	GPM	ACFT	DOM UNITS	ACRES IRR
Bagley Creek	0	0	0		516
Bear Creek	0	0	0		135
Bell Creek	0.6	0	100		762
Canyon Creek	0	0	0		0
Cassalery Creek	0	0	0		28
Chicken Coop Creek	0	0	0		22
Dean Creek	0	0	0		0
Dry Creek	0	0	0		132
Dungeness Bay inner	0	0	0		78
Dungeness Bay outer	0	0	0		145
Dungeness River	0.2	0	23.88		274.09
Elwha River	0	0	0		388
Ennis Creek	0	0	0		1
Geirin Creek	0	0	0		405
Indian Creek	0	0	0		116
JimmyComeLately Creek	0	0	0		10
Johnson Creek	0	0	0		28
Lees Creek	0	10	7.05		141.9
Little River	0	0	0		0
Matriotti Creek	0.15	0	20		658
McDonald Creek	0	0	0		102
Meadowbrook Creek	0	0	0		1
Morse Creek	3.05	0	53		109
Peabody Creek	0	0	0		21
Port Angeles Small Tributaries	0	0	13		482
Sequim Bay Tributaries	0	0	0		46
Siebert Creek	0.06	0	0		162
Strait small tributaries	0	60	182		286.42
Tumwater Creek	0	0	43800		46
Unknown Surface Source	0	0	50		191
Valley Creek	0	0	0		7
White Creek	0	0	0		3
Wood Creek	0	0	0		0
TOTAL	4.06	70	44248.93	0	5296.41

WRIA 18 WATER RIGHTS BY SUBBASIN

SUBBASIN	APPLICATIONS				
	CFS	GPM	ACFT	DOM UNITS	ACRES IRR
Bagley Creek	0.04	0	0		2
Bear Creek	0	460	160	218	0
Bell Creek	0.08	80	0	56	10
Canyon Creek	0	0	0		0
Cassalery Creek	0.93	85	0	2	17
Chicken Coop Creek	0	0	0		0
Dean Creek	0	0	0		0
Dry Creek	0	0	0		0
Dungeness Bay inner	0.04	240	0	44	0
Dungeness Bay outer	0	2000	0		0
Dungeness River	200.75	210	0	145	13
Elwha River	6.33	3740	0	129	0
Ennis Creek	0	15	0	2	4
Geirin Creek	0	690	0	20	51
Indian Creek	25.24	0	0	7	0
JimmyComeLately Creek	0	20	0		0
Johnson Creek	0	0	0		0
Lees Creek	0.04	0	0		0
Little River	0.2	80	0	80	0
Matriotti Creek	0.05	702	94.8	653	16
McDonald Creek	0	100	0	19	0
Meadowbrook Creek	0	0	0		0
Morse Creek	0	400	0	160	0
Peabody Creek	0.01	0	0		0
Port Angeles Small Tributaries	0	0	13		0
Sequim Bay Tributaries	0	0	0		0
Siebert Creek	0	0	0		0
Strait small tributaries	0.13	565	80	3	160
Tumwater Creek	0	0	0		0
Unknown Surface Source	0.01	1050	0	435	8
Valley Creek	0	0	0		0
White Creek	0	0	0		0
Wood Creek	0	0	0		0
TOTAL	233.85	10437	347.8	1973	281

**WRIA 18 GROUNDWATER RIGHTS
BY SUBBASIN**

SUBBASIN	CERTIFICATES & PERMITS				
	CFS	GPM	ACFT	DOM UNITS	ACRES IRR
Bagley Creek	0	18	11		5
Bear Creek	0	265	122		3
Bell Creek	0	1308	539.74	128	61.5
Canyon Creek	0	0	0		0
Cassalery Creek	0	856	201.2		7.5
Chicken Coop Creek	0	79	9	10	2
Dean Creek	0	0	0		0
Dry Creek	0	0	0	1	0
Dungeness Bay inner	0	284	79.53		12
Dungeness Bay outer	0	2645	1426.9	6	100.5
Dungeness River	0	6803.5	3404.2	56	196
Elwha River	0	13833	8759.95	51	1182
Ennis Creek	0	48367	43304.45	50	2.5
Geirin Creek	0	214	52	35	1
Indian Creek	0	6256	3212.3	12	231.32
JimmyComeLately Creek	0	342	44		0
Johnson Creek	0	56	23.1	430	7
Lees Creek	0	4817	104.95		6
Little River	0	0	0		0
Matriotti Creek	0	470	314.8	420	21
McDonald Creek	0	10	4.5		3
Meadowbrook Creek	0	5923.5	1905.9		565
Morse Creek	0	97.5	33		2.5
Peabody Creek	0	10	1		0
Port Angeles Small Tributaries	0	1560	967.7		7
Sequim Bay Tributaries	0	154	59	55	0
Siebert Creek	0	30	3		0
Strait small tributaries	0	1263.5	265.35		5.5
Tumwater Creek	0	350	46.5	18	31.5
Unknown Surface Source	0	1950	438.7	11	6
Valley Creek	0	175	43.7		9
White Creek	0	0	13		0
Wood Creek	0	22	10		4.5
TOTAL	0	98159	65400.47	1283	2472.32

**WRIA 18 GROUNDWATER RIGHTS
BY SUBBASIN**

SUBBASIN	CLAIMS				
	CFS	GPM	ACFT	DOM UNITS	ACRES IRR
Bagley Creek	0	0	0		449
Bear Creek	0	0	0		40
Bell Creek	0	0	0		196
Canyon Creek	0	0	0		0
Cassalery Creek	0	0	0		15
Chicken Coop Creek	0	0	0		0
Dean Creek	0	0	0		0
Dry Creek	0	0	0		0
Dungeness Bay inner	0	0	0		98
Dungeness Bay outer	0	0	0		78
Dungeness River	0	0	0		145
Elwha River	0	0	0		194
Ennis Creek	0	0	0		74
Geirin Creek	0	0	0		0
Indian Creek	0	0	0		94
JimmyComeLately Creek	0	0	0		35
Johnson Creek	0	0	0		4
Lees Creek	0	0	0		19
Little River	0	0	0		0
Matriotti Creek	0	10	7.05		53.9
McDonald Creek	0	0	0		0
Meadowbrook Creek	0	0	0		244
Morse Creek	0	0	0		102
Peabody Creek	0	0	0		1
Port Angeles Small Tributaries	0	0	0		32
Sequim Bay Tributaries	0	0	0		21
Siebert Creek	0	0	13		20
Strait small tributaries	0	0	0		23
Tumwater Creek	0	0	0		148
Unknown Surface Source	0	60	81		152.71
Valley Creek	0	0	0		16
White Creek	0	0	0		54
Wood Creek	0	0	0		1
TOTAL	0	70	101.05	0	2309.61

**WRIA 18 GROUNDWATER RIGHTS
BY SUBBASIN**

SUBBASIN	APPLICATIONS				
	CFS	GPM	ACFT	DOM UNITS	ACRES IRR
Bagley Creek	0	0	0		0
Bear Creek	0	460	160	218	0
Bell Creek	0	80	0	56	4
Canyon Creek	0	0	0		0
Cassalery Creek	0	85	0	2	2
Chicken Coop Creek	0	0	0		0
Dean Creek	0	0	0		0
Dry Creek	0	0	0		0
Dungeness Bay inner	0	0	0	44	0
Dungeness Bay outer	0	240	0		0
Dungeness River	0	2000	0	145	0
Elwha River	0	210	0	125	13
Ennis Creek	0	3740	0	2	0
Geirin Creek	0	15	0	20	4
Indian Creek	0	690	0		51
JimmyComeLately Creek	0	0	0		0
Johnson Creek	0	20	0		0
Lees Creek	0	0	0		0
Little River	0	0	0		0
Matriotti Creek	0	0	0	653	0
McDonald Creek	0	80	0	19	0
Meadowbrook Creek	0	702	80		0
Morse Creek	0	100	0	160	0
Peabody Creek	0	0	0		0
Port Angeles Small Tributaries	0	400	0		0
Sequim Bay Tributaries	0	0	0		0
Siebert Creek	0	0	13		0
Strait small tributaries	0	0	0	3	0
Tumwater Creek	0	0	0		0
Unknown Surface Source	0	565	0	434	0
Valley Creek	0	0	0		0
White Creek	0	1050	0		8
Wood Creek	0	0	0		0
TOTAL	0	10437	253	1881	82

**WRIA 18 SURFACE WATER RIGHTS
BY SUBBASIN**

SUBBASIN	CERTIFICATES & PERMITS				
	CFS	GPM	ACFT	DOM UNITS	ACRES IRR
Bagley Creek	1.71	0	45.5		97
Bear Creek	280.16	0	156.6		14011.3
Bell Creek	1.96	0	811.74		274
Canyon Creek	0	0	0		0
Cassalery Creek	7.79	0	1217.87		678
Chicken Coop Creek	0.26	0	29.5		11
Dean Creek	0	0	11		0
Dry Creek	0.09	0	220.68		2
Dungeness Bay inner	0.64	0	1531.4		74
Dungeness Bay outer	1.63	0	3630.2		69.5
Dungeness River	8.72	0	8792.55		468
Elwha River	340.66	0	108541.5	1	15685
Ennis Creek	153.32	0	87	1	117.3
Geirin Creek	0.64	0	3506.97		5
Indian Creek	6.77	0	132.92	6	666
JimmyComeLately Creek	3.32	0	131.2		31.5
Johnson Creek	0.73	0	356.2		94.27
Lees Creek	3.76	0	373.8		217.75
Little River	0	0	145.14	1	0
Matriotti Creek	0.52	0	2176.9		65.5
McDonald Creek	20.55	0	74		23.75
Meadowbrook Creek	10.19	0	1		797.75
Morse Creek	5.25	0	1784.45		372
Peabody Creek	0	0	118.87	1	0
Port Angeles Small Tributaries	35.7	0	33.1		311.5
Sequim Bay Tributaries	1.02	0	466.9		39
Siebert Creek	0.19	0	151		19
Strait small tributaries	1.8	0	724.7		126.3
Tumwater Creek	0.63	0	151.5		43.25
Unknown Surface Source	1.65	0	2291.13	9	159
Valley Creek	20.9	0	14		75
White Creek	14.19	0	19.3		397.5
Wood Creek	0.17	0	0		8
TOTAL	924.92	0	137728.62	19	34939.17

**WRIA 18 SURFACE WATER RIGHTS
BY SUBBASIN**

SUBBASIN	CLAIMS				
	CFS	GPM	ACFT	DOM UNITS	ACRES IRR
Bagley Creek	0	0	0		67
Bear Creek	0	0	0		95
Bell Creek	0.6	0	100		566
Canyon Creek	0	0	0		0
Cassalery Creek	0	0	0		13
Chicken Coop Creek	0	0	0		22
Dean Creek	0	0	0		0
Dry Creek	0	0	0		0
Dungeness Bay inner	0	0	0		34
Dungeness Bay outer	0	0	0		0
Dungeness River	0	0	0		0
Elwha River	0.2	0	23.88		80.09
Ennis Creek	0	0	0		314
Geirin Creek	0	0	0		1
Indian Creek	0	0	0		311
JimmyComeLately Creek	0	0	0		81
Johnson Creek	0	0	0		6
Lees Creek	0	0	0		9
Little River	0	0	0		0
Matriotti Creek	0	0	0		88
McDonald Creek	0	0	0		0
Meadowbrook Creek	0.15	0	20		414
Morse Creek	0	0	0		0
Peabody Creek	0	0	0		0
Port Angeles Small Tributaries	3.05	0	53		77
Sequim Bay Tributaries	0	0	0		0
Siebert Creek	0	0	0		462
Strait small tributaries	0	0	0		23
Tumwater Creek	0.06	0	0		14
Unknown Surface Source	0	0	101		133.71
Valley Creek	0	0	43800		30
White Creek	0	0	50		137
Wood Creek	0	0	0		6
TOTAL	4.06	0	44147.88	0	2983.8

**WRIA 18 SURFACE WATER RIGHTS
BY SUBBASIN**

SUBBASIN	APPLICATIONS				
	CFS	GPM	ACFT	DOM UNITS	ACRES IRR
Bagley Creek	0.04	0	0		2
Bear Creek	0	0	0		0
Bell Creek	0.08	0	0		6
Canyon Creek	0	0	0		0
Cassalery Creek	0.93	0	0		15
Chicken Coop Creek	0	0	0		0
Dean Creek	0	0	0		0
Dry Creek	0	0	0		0
Dungeness Bay inner	0	0	0		0
Dungeness Bay outer	0.04	0	0		0
Dungeness River	0	0	0		0
Elwha River	200.75	0	0	4	0
Ennis Creek	6.33	0	0		0
Geirin Creek	0	0	0		0
Indian Creek	0	0	0	7	0
JimmyComeLately Creek	25.24	0	0		0
Johnson Creek	0	0	0		0
Lees Creek	0	0	0		0
Little River	0	0	0	80	0
Matriotti Creek	0.04	0	0		0
McDonald Creek	0.2	0	0		0
Meadowbrook Creek	0.05	0	14.8		16
Morse Creek	0	0	0		0
Peabody Creek	0	0	0		0
Port Angeles Small Tributaries	0	0	0		0
Sequim Bay Tributaries	0.01	0	0		0
Siebert Creek	0	0	0		0
Strait small tributaries	0	0	0		0
Tumwater Creek	0	0	0		0
Unknown Surface Source	0.13	0	80	1	160
Valley Creek	0	0	0		0
White Creek	0.01	0	0		0
Wood Creek	0	0	0		0
TOTAL	233.85	0	94.8	92	199

**WRIA 18 WATER RIGHT
CERTIFICATES & PERMITS
BY SUBBASIN**

SURFACE WATER (includes tributaries)	MUNICIPAL/DOMESTIC PURPOSE				
	DOMESTIC UNITS	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR
Bagley Creek	0	1.17	0	2	0
Bear Creek	0	0.09	0	5	0
Bell Creek	0	0.05	0	1	0
Canyon Creek	0	0	0	0	0
Cassalery Creek	0	1.65	0	0	0
Chicken Coop Creek	0	0.14	0	6.17	0
Cooper Creek	0	0	0	0	0
Dean Creek	0	0.07	0	7	0
Dry Creek	0	0.11	0	2	0
Dungeness Bay inner	0	0.5	0	0	0
Dungeness Bay outer	0	0.11	0	0	0
Dungeness River	0	14.59	0	5.5	0
Elwha River	0	2.38	0	23.3	0
Ennis Creek	0	0.56	0	26	0
Geirin Creek	0	0.8	0	0	0
Indian Creek	0	3.14	0	55.92	0
JimmyComeLately Creek	0	0.58	0	20.1	0
Johnson Creek	0	2.57	0	6	75
Lake Sutherland & Tributaries	0	0	0	0	0
Lees Creek	0	0.06	0	3	0
Little River	0	0.36	0	123.14	0
Matriotti Creek	0	2.76	0	4	0
McDonald Creek	0	0.25	0	6.5	0
Meadowbrook Creek	0	0	0	0	0
Morse Creek	0	35.17	0	764.25	0
Peabody Creek	0	0.71	0	7.5	0
Port Angeles Small Tributaries	0	0.05	0	0	0
Sequim Bay Tributaries	0	0.85	0	8.5	0
Siebert Creek	0	0.12	0	4.7	0
Strait small tributaries	0	0.03	0	0	0
Tumwater Creek	0	0.5	0	17.5	0
Unknown Surface Source	0	11.26	0	2019.13	0
Valley Creek	0	0.14	0	1	0
White Creek	0	0.08	0	17.8	0
Wood Creek	0	0	0	0	0
TOTAL SURFACE WATER	0	80.85	0	3137.01	75

**WRIA 18 WATER RIGHT
CERTIFICATES & PERMITS
BY SUBBASIN**

SURFACE WATER (includes tributaries)	COMMERCIAL/INDUSTRIAL PURPOSE				AGRICULTURAL PURPOSE			
	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR
Bagley Creek	0	0	0	0	0.54	0	43.5	97
Bear Creek	0	0	0	0	279.97	0	29.6	14011.3
Bell Creek	0	0	0	0	1.91	0	271	274
Canyon Creek	0	0	0	0	0	0	0	0
Cassalery Creek	0	0	0	0	6.14	0	1016.67	678
Chicken Coop Creek	0	0	0	0	0.12	0	14.33	11
Cooper Creek	0	0	0	0	0	0	0	0
Dean Creek	0	0	0	0	0.02	0	4	2
Dry Creek	0	0	2	0	0.51	0	134.15	74
Dungeness Bay inner	0	0	0	0	1.13	0	104.5	69.5
Dungeness Bay outer	0	0	0	0	7.61	0	226	468
Dungeness River	0	0	0	0	311.07	0	27.1	15685
Elwha River	0	0	0	0	0.9	0	213.4	117.3
Ennis Creek	0	0	0	0	0.08	0	9	5
Geirin Creek	0	0	0	0	3.67	0	294.67	325
Indian Creek	0.02	0	2	0	0.15	0	31	31.5
JimmyComeLately Creek	0	0	0	0	0.13	0	88	94.27
Johnson Creek	0	0	0	0	1.19	0	245.25	142.75
Lake Sutherland & Tributaries	0	0	0	0	0	0	0	0
Lees Creek	0	0	0	0	0.46	0	56	65.5
Little River	20	0	0	0	0.14	0	17.5	23.75
Matriotti Creek	0	0	0	0	7.43	0	267	797.75
McDonald Creek	0	0	0	0	5	0	34.5	372
Meadowbrook Creek	0	0	0	0	0	0	0	0
Morse Creek	0	0	0	0	0.53	0	15.5	311.5
Peabody Creek	0	0	0	0	0.31	0	52.37	39
Port Angeles Small Tributaries	0	0	0	0	0.14	0	30.1	19
Sequim Bay Tributaries	0	0	0	0	0.95	0	193.05	126.3
Siebert Creek	0	0	0	0	0.51	0	84.8	43.25
Strait small tributaries	0	0	0	0	1.62	0	286	159
Tumwater Creek	20	0	0	0	0.4	0	90.3	75
Unknown Surface Source	0	0	0	0	2.86	0	258	397.5
Valley Creek	0	0	0	0	0.03	0	3	8
White Creek	0	0	0	0	0.01	0	0	2
Wood Creek	0	0	0	0	0	0	0	0
TOTAL SURFACE WATER	40.02	0	4	0	635.53	0	4140.29	34525.17

**WRIA 18 WATER RIGHT
CERTIFICATES & PERMITS
BY SUBBASIN**

SURFACE WATER (includes tributaries)	OTHER PURPOSE				TOTAL			
	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR	CFS	GPM	ACFT	ACRES IRR
Bagley Creek	0	0	0	0	1.71	0	45.5	97
Bear Creek	0.1	0	0	0	280.16	0	34.6	14011.3
Bell Creek	0	0	0	0	1.96	0	272	274
Canyon Creek	0	0	0	0	0	0	0	0
Cassalery Creek	0	0	0	0	7.79	0	1016.67	678
Chicken Coop Creek	0	0	0	0	0.26	0	20.5	11
Cooper Creek	0	0	0	0	0	0	0	0
Dean Creek	0	0	0	0	0.09	0	11	2
Dry Creek	0.02	0	3	0	0.64	0	141.15	74
Dungeness Bay inner	0	0	0	0	1.63	0	104.5	69.5
Dungeness Bay outer	1	0	0	0	8.72	0	226	468
Dungeness River	15	0	0	0	340.66	0	32.6	15685
Elwha River	150.04	0	65000.35	0	153.32	0	65237.05	117.3
Ennis Creek	0	0	0	0	0.64	0	35	5
Geirin Creek	2.3	0	0	341	6.77	0	294.67	666
Indian Creek	0.01	0	0	0	3.32	0	88.92	31.5
JimmyComeLately Creek	0.02	0	0	0	0.73	0	108.1	94.27
Johnson Creek	0	0	0	0	3.76	0	251.25	217.75
Lake Sutherland & Tributaries	0	0	0	0	0	0	0	0
Lees Creek	0	0	0	0	0.52	0	59	65.5
Little River	0.05	0	0	0	20.55	0	140.64	23.75
Matriotti Creek	0	0	0	0	10.19	0	271	797.75
McDonald Creek	0	0	0	0	5.25	0	41	372
Meadowbrook Creek	0	0	0	0	0	0	0	0
Morse Creek	0	0	37	0	35.7	0	816.75	311.5
Peabody Creek	0	0	0	0	1.02	0	59.87	39
Port Angeles Small Tributaries	0	0	0	0	0.19	0	30.1	19
Sequim Bay Tributaries	0	0	0	0	1.8	0	201.55	126.3
Siebert Creek	0	0	15	0	0.63	0	104.5	43.25
Strait small tributaries	0	0	0	0	1.65	0	286	159
Tumwater Creek	0	0	0	0	20.9	0	107.8	75
Unknown Surface Source	0.07	0	1	0	14.19	0	2278.13	397.5
Valley Creek	0	0	0	0	0.17	0	4	8
White Creek	0	0	0	0	0.09	0	17.8	2
Wood Creek	0	0	0	0	0	0	0	0
TOTAL SURFACE WATER	168.61	0	65056.35	341	925.01	0	72337.65	34941.17

**WRIA 18 WATER RIGHT
CERTIFICATES & PERMITS
BY SUBBASIN**

GROUND WATER	MUNICIPAL/DOMESTIC PURPOSE				
	DOMESTIC UNITS	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR
Bagley Creek	0	0	18	1	0
Bear Creek	0	0	265	118	0
Bell Creek	0	0	1290	497.74	0
Canyon Creek	0	0	0	0	0
Cassalery Creek	0	0	856	170.2	0
Chicken Coop Creek	0	0	39	5	0
Cooper Creek	0	0	0	0	0
Dean Creek	0	0	0	0	0
Dry Creek	0	0	284	55.33	0
Dungeness Bay inner	0	0	2245	1225.65	0
Dungeness Bay outer	0	0	1273.5	313.1	0
Dungeness River	0	0	4848	4328.45	0
Elwha River	0	0	48362	43299.2	0
Ennis Creek	0	0	214	51	0
Geirin Creek	0	0	5151	2635.4	0
Indian Creek	0	0	342	43	0
JimmyComeLately Creek	0	0	56	13.1	0
Johnson Creek	0	0	4802	91.95	0
Lake Sutherland & Tributaries	0	0	0	0	0
Lees Creek	0	0	390	277.5	0
Little River	0	0	0	0	0
Matriotti Creek	0	0	4363.5	1041.5	0
McDonald Creek	0	0	97.5	28	0
Meadowbrook Creek	0	0	10	1	0
Morse Creek	0	0	1560	952.7	0
Peabody Creek	0	0	154	59	0
Port Angeles Small Tributaries	0	0	30	3	0
Sequim Bay Tributaries	0	0	1263.5	253.35	0
Siebert Creek	0	0	50	16.5	0
Strait small tributaries	0	0	1950	426.7	0
Tumwater Creek	0	0	175	27.7	0
Unknown	0	0	0	0	0
Valley Creek	0	0	22	2	0
White Creek	0	0	20	1	0
Wood Creek	0	0	0	0	0
TOTAL GROUND WATER	0	0	80131	55938.07	0

**WRIA 18 WATER RIGHT
CERTIFICATES & PERMITS
BY SUBBASIN**

GROUND WATER	COMMERCIAL/INDUSTRIAL PURPOSE				AGRICULTURAL PURPOSE			
	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR
Bagley Creek	0	0	0	0	0	0	10	5
Bear Creek	0	0	0	0	0	0	4	3
Bell Creek	0	0	1	0	0	18	41	61.5
Canyon Creek	0	0	0	0	0	0	0	0
Cassalery Creek	0	0	0	0	0	0	15	7.5
Chicken Coop Creek	0	0	0	0	0	40	4	2
Cooper Creek	0	0	0	0	0	0	0	0
Dean Creek	0	0	0	0	0	0	0	0
Dry Creek	0	0	0	0	0	0	24.2	12
Dungeness Bay inner	0	0	0	0	0	400	201.25	100.5
Dungeness Bay outer	0	0	0	0	0	770	398	196
Dungeness River	0	0	0	0	0	8985	4429.5	1182
Elwha River	0	5	0.25	0	0	0	5	2.5
Ennis Creek	0	0	0	0	0	0	1	1
Geirin Creek	0	0	0	0	0	1105	576.5	231.32
Indian Creek	0	0	1	0	0	0	0	0
JimmyComeLately Creek	0	0	0	0	0	0	10	7
Johnson Creek	0	15	0	0	0	0	13	6
Lake Sutherland & Tributaries	0	0	0	0	0	0	0	0
Lees Creek	0	80	15.3	0	0	0	22	21
Little River	0	0	0	0	0	0	4.5	3
Matriotti Creek	0	0	0	0	0	1560	863.4	565
McDonald Creek	0	0	0	0	0	0	5	2.5
Meadowbrook Creek	0	0	0	0	0	0	0	0
Morse Creek	0	0	0	0	0	0	14	7
Peabody Creek	0	0	0	0	0	0	0	0
Port Angeles Small Tributaries	0	0	0	0	0	0	0	0
Sequim Bay Tributaries	0	0	0	0	0	0	12	5.5
Siebert Creek	0	0	0	0	0	300	30	31.5
Strait small tributaries	0	0	0	0	0	0	12	6
Tumwater Creek	0	0	0	0	0	0	16	9
Unknown	0	0	13	0	0	0	0	0
Valley Creek	0	0	0	0	0	0	8	4.5
White Creek	0	0	0	0	0	0	0.5	0
Wood Creek	0	0	0	0	0	0	0	0
TOTAL GROUND WATER	0	100	30.55	0	0	13178	6719.85	2472.32

**WRIA 18 WATER RIGHT
CERTIFICATES & PERMITS
BY SUBBASIN**

	OTHER PURPOSE				TOTAL			
	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR	CFS	GPM	ACFT	ACRES IRR
GROUND WATER								
Bagley Creek	0	0	0	0	0	18	11	5
Bear Creek	0	0	0	0	0	265	122	3
Bell Creek	0	0	0	0	0	1308	539.74	61.5
Canyon Creek	0	0	0	0	0	0	0	0
Cassalery Creek	0	0	16	0	0	856	201.2	7.5
Chicken Coop Creek	0	0	0	0	0	79	9	2
Cooper Creek	0	0	0	0	0	0	0	0
Dean Creek	0	0	0	0	0	0	0	0
Dry Creek	0	0	0	0	0	284	79.53	12
Dungeness Bay inner	0	0	0	0	0	2645	1426.9	100.5
Dungeness Bay outer	0	4760	2693.1	0	0	6803.5	3404.2	196
Dungeness River	0	0	2	0	0	13833	8759.95	1182
Elwha River	0	0	0	0	0	48367	43304.45	2.5
Ennis Creek	0	0	0	0	0	214	52	1
Geirin Creek	0	0	0.4	0	0	6256	3212.3	231.32
Indian Creek	0	0	0	0	0	342	44	0
JimmyComeLately Creek	0	0	0	0	0	56	23.1	7
Johnson Creek	0	0	0	0	0	4817	104.95	6
Lake Sutherland & Tributaries	0	0	0	0	0	0	0	0
Lees Creek	0	0	0	0	0	470	314.8	21
Little River	0	10	0	0	0	10	4.5	3
Matriotti Creek	0	0	1	0	0	5923.5	1905.9	565
McDonald Creek	0	0	0	0	0	97.5	33	2.5
Meadowbrook Creek	0	0	0	0	0	10	1	0
Morse Creek	0	0	1	0	0	1560	967.7	7
Peabody Creek	0	0	0	0	0	154	59	0
Port Angeles Small Tributaries	0	0	0	0	0	30	3	0
Sequim Bay Tributaries	0	0	0	0	0	1263.5	265.35	5.5
Siebert Creek	0	0	0	0	0	350	46.5	31.5
Strait small tributaries	0	0	0	0	0	1950	438.7	6
Tumwater Creek	0	0	0	0	0	175	43.7	9
Unknown	0	0	0	0	0	0	13	0
Valley Creek	0	0	0	0	0	22	10	4.5
White Creek	0	0	0	0	0	20	1.5	0
Wood Creek	0	0	0	0	0	0	0	0
TOTAL GROUND WATER	0	4770	2713.5	0	0	98179	65401.97	2472.32

**WRIA 18 WATER RIGHT CLAIMS
BY SUBBASIN**

	MUNICIPAL/DOMESTIC PURPOSE				
	DOMESTIC UNITS	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR
SURFACE WATER					
Bagley Creek	0	0	0	0	0
Bear Creek	0	0	0	0	0
Bell Creek	0	0	0	0	0
Canyon Creek	0	0	0	0	0
Cassalery Creek	0	0	0	0	0
Chicken Coop Creek	0	0	0	0	0
Cooper Creek	0	0	0	0	0
Dean Creek	0	0	0	0	0
Dry Creek	0	0	0	0	0
Dungeness Bay inner	0	0	0	0	0
Dungeness Bay outer	0	0	0	0	0
Dungeness River	0	0.2	0	0	0
Elwha River	0	0	0	0	2
Ennis Creek	0	0	0	0	0
Geirin Creek	0	0	0	0	0
Indian Creek	0	0	0	0	0
JimmyComelately Creek	0	0	0	0	0
Johnson Creek	0	0	0	0	0
Lake Sutherland & Tributaries	0	0	0	0	0
Lees Creek	0	0	0	0	0
Little River	0	0	0	0	0
Matriotti Creek	0	0.15	0	0	5
McDonald Creek	0	0	0	0	0
Meadowbrook Creek	0	0	0	0	0
Morse Creek	0	0	0	0	0
Peabody Creek	0	0	0	0	0
Port Angeles Small Tributaries	0	0	0	0	0
Sequim Bay Tributaries	0	0	0	0	0
Siebert Creek	0	0.06	0	0	0
Strait small tributaries	0	0	0	0	0
Tumwater Creek	0	0	0	0	0
Unknown Surface Source	0	0	0	0	0
Valley Creek	0	0	0	0	0
White Creek	0	0	0	0	0
Wood Creek	0	0	0	0	0
TOTAL SURFACE WATER	0	0.41	0	0	7

**WRIA 18 WATER RIGHT CLAIMS
BY SUBBASIN**

	COMMERCIAL/INDUSTRIAL PURPOSE				AGRICULTURAL PURPOSE			
	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR
SURFACE WATER								
Bagley Creek	0	0	0	0	0	0	0	67
Bear Creek	0	0	0	0	0	0	0	95
Bell Creek	0	0	0	0	0.6	0	100	566
Canyon Creek	0	0	0	0	0	0	0	0
Cassalery Creek	0	0	0	0	0	0	0	13
Chicken Coop Creek	0	0	0	0	0	0	0	22
Cooper Creek	0	0	0	0	0	0	0	0
Dean Creek	0	0	0	0	0	0	0	0
Dry Creek	0	0	0	0	0	0	0	34
Dungeness Bay inner	0	0	0	0	0	0	0	0
Dungeness Bay outer	0	0	0	0	0	0	0	0
Dungeness River	0	0	0	0	0	0	23.88	80.09
Elwha River	0	0	0	0	0	0	0	312
Ennis Creek	0	0	0	0	0	0	0	1
Geirin Creek	0	0	0	0	0	0	0	311
Indian Creek	0	0	0	0	0	0	0	81
JimmyComeLately Creek	0	0	0	0	0	0	0	6
Johnson Creek	0	0	0	0	0	0	0	9
Lake Sutherland & Tributaries	0	0	0	0	0	0	0	0
Lees Creek	0	0	0	0	0	0	0	88
Little River	0	0	0	0	0	0	0	0
Matriotti Creek	0	0	0	0	0	0	20	409
McDonald Creek	0	0	0	0	0	0	0	0
Meadowbrook Creek	0	0	0	0	0	0	0	0
Morse Creek	0	0	0	0	3.05	0	53	77
Peabody Creek	0	0	0	0	0	0	0	0
Port Angeles Small Tributaries	0	0	0	0	0	0	0	462
Sequim Bay Tributaries	0	0	0	0	0	0	0	23
Siebert Creek	0	0	0	0	0	0	0	14
Strait small tributaries	0	0	0	0	0	0	101	133.71
Tumwater Creek	0	0	0	0	0	0	43800	30
Unknown Surface Source	0	0	0	0	0	0	50	137
Valley Creek	0	0	0	0	0	0	0	6
White Creek	0	0	0	0	0	0	0	3
Wood Creek	0	0	0	0	0	0	0	0
TOTAL SURFACE WATER	0	0	0	0	3.65	0	44147.88	2979.8

**WRIA 18 WATER RIGHT CLAIM:
BY SUBBASIN**

	OTHER PURPOSE				TOTAL			
	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR	CFS	GPM	ACFT	ACRES IRR
SURFACE WATER								
Bagley Creek	0	0	0	0	0	0	0	67
Bear Creek	0	0	0	0	0	0	0	95
Bell Creek	0	0	0	0	0.6	0	100	566
Canyon Creek	0	0	0	0	0	0	0	0
Cassalery Creek	0	0	0	0	0	0	0	13
Chicken Coop Creek	0	0	0	0	0	0	0	22
Cooper Creek	0	0	0	0	0	0	0	0
Dean Creek	0	0	0	0	0	0	0	0
Dry Creek	0	0	0	0	0	0	0	34
Dungeness Bay inner	0	0	0	0	0	0	0	0
Dungeness Bay outer	0	0	0	0	0	0	0	0
Dungeness River	0	0	0	0	0.2	0	23.88	80.09
Eiwha River	0	0	0	0	0	0	0	314
Ennis Creek	0	0	0	0	0	0	0	1
Geirin Creek	0	0	0	0	0	0	0	311
Indian Creek	0	0	0	0	0	0	0	81
JimmyComeLately Creek	0	0	0	0	0	0	0	6
Johnson Creek	0	0	0	0	0	0	0	9
Lake Sutherland & Tributaries	0	0	0	0	0	0	0	0
Lees Creek	0	0	0	0	0	0	0	88
Little River	0	0	0	0	0	0	0	0
Matriotti Creek	0	0	0	0	0.15	0	20	414
McDonald Creek	0	0	0	0	0	0	0	0
Meadowbrook Creek	0	0	0	0	0	0	0	0
Morse Creek	0	0	0	0	3.05	0	53	77
Peabody Creek	0	0	0	0	0	0	0	0
Port Angeles Small Tributaries	0	0	0	0	0	0	0	462
Sequim Bay Tributaries	0	0	0	0	0	0	0	23
Siebert Creek	0	0	0	0	0.06	0	0	14
Strait small tributaries	0	0	0	0	0	0	101	133.71
Tumwater Creek	0	0	0	0	0	0	43800	30
Unknown Surface Source	0	0	0	0	0	0	50	137
Valley Creek	0	0	0	0	0	0	0	6
White Creek	0	0	0	0	0	0	0	3
Wood Creek	0	0	0	0	0	0	0	0
TOTAL SURFACE WATER	0	0	0	0	4.06	0	44147.88	2986.8

**WRIA 18 WATER RIGHT CLAIMS
BY SUBBASIN**

GROUND WATER	MUNICIPAL/DOMESTIC PURPOSE				
	DOMESTIC UNITS	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR
Bagley Creek	0	0	0	0	0
Bear Creek	0	0	0	0	0
Bell Creek	0	0	0	0	0
Canyon Creek	0	0	0	0	0
Cassalery Creek	0	0	0	0	0
Chicken Coop Creek	0	0	0	0	0
Cooper Creek	0	0	0	0	0
Dean Creek	0	0	0	0	0
Dry Creek	0	0	0	0	0
Dungeness Bay inner	0	0	0	0	0
Dungeness Bay outer	0	0	0	0	0
Dungeness River	0	0	0	0	0
Elwha River	0	0	0	0	0
Ennis Creek	0	0	0	0	0
Geirin Creek	0	0	0	0	0
Indian Creek	0	0	0	0	35
JimmyComeLately Creek	0	0	0	0	0
Johnson Creek	0	0	0	0	0
Lake Sutherland & Tributaries	0	0	0	0	0
Lees Creek	0	0	10	0	1
Little River	0	0	0	0	0
Matriotti Creek	0	0	0	0	16
McDonald Creek	0	0	0	0	94
Meadowbrook Creek	0	0	0	0	0
Morse Creek	0	0	0	0	0
Peabody Creek	0	0	0	0	14
Port Angeles Small Tributaries	0	0	0	0	0
Sequim Bay Tributaries	0	0	0	0	0
Siebert Creek	0	0	0	0	0
Strait small tributaries	0	0	60	0	2
Tumwater Creek	0	0	0	0	0
Unknown	0	0	0	0	0
Valley Creek	0	0	0	0	0
White Creek	0	0	0	0	0
Wood Creek	0	0	0	0	0
TOTAL GROUND WATER	0	0	70	0	162

**WRIA 18 WATER RIGHT CLAIMS
BY SUBBASIN**

GROUND WATER	COMMERCIAL/INDUSTRIAL PURPOSE				AGRICULTURAL PURPOSE			
	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR
Bagley Creek	0	0	0	0	0	0	0	449
Bear Creek	0	0	0	0	0	0	0	40
Bell Creek	0	0	0	0	0	0	0	196
Canyon Creek	0	0	0	0	0	0	0	0
Cassalery Creek	0	0	0	0	0	0	0	15
Chicken Coop Creek	0	0	0	0	0	0	0	0
Cooper Creek	0	0	0	0	0	0	0	0
Dean Creek	0	0	0	0	0	0	0	0
Dry Creek	0	0	0	0	0	0	0	98
Dungeness Bay inner	0	0	0	0	0	0	0	78
Dungeness Bay outer	0	0	0	0	0	0	0	145
Dungeness River	0	0	0	0	0	0	0	194
Elwha River	0	0	0	0	0	0	0	74
Ennis Creek	0	0	0	0	0	0	0	0
Geirin Creek	0	0	0	0	0	0	0	94
Indian Creek	0	0	0	0	0	0	0	0
JimmyComeLately Creek	0	0	0	0	0	0	0	4
Johnson Creek	0	0	0	0	0	0	0	19
Lake Sutherland & Tributaries	0	0	0	0	0	0	0	0
Lees Creek	0	0	0	0	0	0	7.05	52.9
Little River	0	0	0	0	0	0	0	0
Matriotti Creek	0	0	0	0	0	0	0	228
McDonald Creek	0	0	0	0	0	0	0	8
Meadowbrook Creek	0	0	0	0	0	0	0	1
Morse Creek	0	0	0	0	0	0	0	32
Peabody Creek	0	0	0	0	0	0	0	7
Port Angeles Small Tributaries	0	0	13	0	0	0	0	20
Sequim Bay Tributaries	0	0	0	0	0	0	0	23
Siebert Creek	0	0	0	0	0	0	0	148
Strait small tributaries	0	0	0	0	0	0	81	150.71
Tumwater Creek	0	0	0	0	0	0	0	16
Unknown	0	0	0	0	0	0	0	54
Valley Creek	0	0	0	0	0	0	0	1
White Creek	0	0	0	0	0	0	0	0
Wood Creek	0	0	0	0	0	0	0	0
TOTAL GROUND WATER	0	0	13	0	0	0	88.05	2147.61

**WRIA 18 WATER RIGHT CLAIM:
BY SUBBASIN**

GROUND WATER	OTHER PURPOSE				TOTAL			
	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR	CFS	GPM	ACFT	ACRES IRR
Bagley Creek	0	0	0	0	0	0	0	449
Bear Creek	0	0	0	0	0	0	0	40
Bell Creek	0	0	0	0	0	0	0	196
Canyon Creek	0	0	0	0	0	0	0	0
Cassalery Creek	0	0	0	0	0	0	0	15
Chicken Coop Creek	0	0	0	0	0	0	0	0
Cooper Creek	0	0	0	0	0	0	0	0
Dean Creek	0	0	0	0	0	0	0	0
Dry Creek	0	0	0	0	0	0	0	98
Dungeness Bay inner	0	0	0	0	0	0	0	78
Dungeness Bay outer	0	0	0	0	0	0	0	145
Dungeness River	0	0	0	0	0	0	0	194
Elwha River	0	0	0	0	0	0	0	74
Ennis Creek	0	0	0	0	0	0	0	0
Geirin Creek	0	0	0	0	0	0	0	94
Indian Creek	0	0	0	0	0	0	0	35
JimmyComeLately Creek	0	0	0	0	0	0	0	4
Johnson Creek	0	0	0	0	0	0	0	19
Lake Sutherland & Tributaries	0	0	0	0	0	0	0	0
Lees Creek	0	0	0	0	0	10	7.05	53.9
Little River	0	0	0	0	0	0	0	0
Matriotti Creek	0	0	0	0	0	0	0	244
McDonald Creek	0	0	0	0	0	0	0	102
Meadowbrook Creek	0	0	0	0	0	0	0	1
Morse Creek	0	0	0	0	0	0	0	32
Peabody Creek	0	0	0	0	0	0	0	21
Port Angeles Small Tributaries	0	0	0	0	0	0	13	20
Sequim Bay Tributaries	0	0	0	0	0	0	0	23
Siebert Creek	0	0	0	0	0	0	0	148
Strait small tributaries	0	0	0	0	0	60	81	152.71
Tumwater Creek	0	0	0	0	0	0	0	16
Unknown	0	0	0	0	0	0	0	54
Valley Creek	0	0	0	0	0	0	0	1
White Creek	0	0	0	0	0	0	0	0
Wood Creek	0	0	0	0	0	0	0	0
TOTAL GROUND WATER	0	0	0	0	0	70	101.05	2309.61

**WRIA 18 WATER RIGHT APPLICATIONS
BY SUBBASIN**

SURFACE WATER	MUNICIPAL/DOMESTIC PURPOSE			
	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR
Bagley Creek	0	0	0	0
Bear Creek	0	0	0	0
Bell Creek	0	0	0	0
Canyon Creek	0	0	0	0
Cassalery Creek	0	0	0	0
Chicken Coop Creek	0	0	0	0
Cooper Creek	0	0	0	0
Dean Creek	0	0	0	0
Dry Creek	0	0	0	0
Dungeness Bay inner	0	0	0	0
Dungeness Bay outer	0	0	0	0
Dungeness River	0	0	0	0
Elwha River	3.19	0	0	0
Ennis Creek	0	0	0	0
Geirin Creek	0	0	0	0
Indian Creek	25.24	0	0	0
JimmyComeLately Creek	0	0	0	0
Johnson Creek	0	0	0	0
Lake Sutherland & Tributaries	0	0	0	0
Lees Creek	0	0	0	0
Little River	0	0	0	0
Matriotti Creek	0	0	0	0
McDonald Creek	0	0	0	0
Meadowbrook Creek	0	0	0	0
Morse Creek	0	0	0	0
Peabody Creek	0	0	0	0
Port Angeles Small Tributaries	0	0	0	0
Sequim Bay Tributaries	0	0	0	0
Siebert Creek	0	0	0	0
Strait small tributaries	0	0	0	0
Tumwater Creek	0	0	0	0
Unknown Surface Source	0.01	0	0	0
Valley Creek	0	0	0	0
White Creek	0	0	0	0
Wood Creek	0	0	0	0
TOTAL SURFACE WATER	28.44	0	0	0

**WRIA 18 WATER RIGHT APPLICATIONS
BY SUBBASIN**

SURFACE WATER	COMMERCIAL/INDUSTRIAL PURPOSE				AGRICULTURAL PURPOSE			
	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR
Bagley Creek	0	0	0	0	0.04	0	0	2
Bear Creek	0	0	0	0	0	0	0	0
Bell Creek	0	0	0	0	0.08	0	0	6
Canyon Creek	0	0	0	0	0	0	0	0
Cassalery Creek	0	0	0	0	0.93	0	0	15
Chicken Coop Creek	0	0	0	0	0	0	0	0
Cooper Creek	0	0	0	0	0	0	0	0
Dean Creek	0	0	0	0	0	0	0	0
Dry Creek	0	0	0	0	0	0	0	0
Dungeness Bay inner	0	0	0	0	0.04	0	0	0
Dungeness Bay outer	0	0	0	0	0	0	0	0
Dungeness River	0	0	0	0	0.75	0	0	0
Elwha River	3.12	0	0	0	0.02	0	0	0
Ennis Creek	0	0	0	0	0	0	0	0
Geirin Creek	0	0	0	0	0	0	0	0
Indian Creek	0	0	0	0	0	0	0	0
JimmyComeLately Creek	0	0	0	0	0	0	0	0
Johnson Creek	0	0	0	0	0	0	0	0
Lake Sutherland & Tributaries	0	0	0	0	0	0	0	0
Lees Creek	0	0	0	0	0.04	0	0	0
Little River	0.2	0	0	0	0	0	0	0
Matriotti Creek	0	0	0	0	0.05	0	0	2
McDonald Creek	0	0	0	0	0	0	0	0
Meadowbrook Creek	0	0	0	0	0	0	0	0
Morse Creek	0	0	0	0	0	0	0	0
Peabody Creek	0	0	0	0	0	0	0	0
Port Angeles Small Tributaries	0	0	0	0	0	0	0	0
Sequim Bay Tributaries	0	0	0	0	0	0	0	0
Siebert Creek	0	0	0	0	0	0	0	0
Strait small tributaries	0	0	0	0	0.13	0	80	160
Tumwater Creek	0	0	0	0	0	0	0	0
Unknown Surface Source	0	0	0	0	0	0	0	0
Valley Creek	0	0	0	0	0	0	0	0
White Creek	0	0	0	0	0	0	0	0
Wood Creek	0	0	0	0	0	0	0	0
TOTAL SURFACE WATER	3.32	0	0	0	2.08	0	80	185

**WRIA 18 WATER RIGHT APPLICATIONS
BY SUBBASIN**

	OTHER PURPOSE				TOTAL			
	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR	CFS	GPM	ACFT	ACRES IRR
SURFACE WATER								
Bagley Creek	0	0	0	0	0.04	0	0	2
Bear Creek	0	0	0	0	0	0	0	0
Bell Creek	0	0	0	0	0.08	0	0	6
Canyon Creek	0	0	0	0	0	0	0	0
Cassalery Creek	0	0	0	0	0.93	0	0	15
Chicken Coop Creek	0	0	0	0	0	0	0	0
Cooper Creek	0	0	0	0	0	0	0	0
Dean Creek	0	0	0	0	0	0	0	0
Dry Creek	0	0	0	0	0	0	0	0
Dungeness Bay inner	0	0	0	0	0.04	0	0	0
Dungeness Bay outer	0	0	0	0	0	0	0	0
Dungeness River	200	0	0	0	200.75	0	0	0
Elwha River	0	0	0	0	6.33	0	0	0
Ennis Creek	0	0	0	0	0	0	0	0
Geirin Creek	0	0	0	0	0	0	0	0
Indian Creek	0	0	0	0	25.24	0	0	0
JimmyComeLately Creek	0	0	0	0	0	0	0	0
Johnson Creek	0	0	0	0	0	0	0	0
Lake Sutherland & Tributaries	0	0	0	0	0	0	0	0
Lees Creek	0	0	0	0	0.04	0	0	0
Little River	0	0	0	0	0.2	0	0	0
Matriotti Creek	0	0	14.8	14	0.05	0	14.8	16
McDonald Creek	0	0	0	0	0	0	0	0
Meadowbrook Creek	0	0	0	0	0	0	0	0
Morse Creek	0	0	0	0	0	0	0	0
Peabody Creek	0.01	0	0	0	0.01	0	0	0
Port Angeles Small Tributaries	0	0	0	0	0	0	0	0
Sequim Bay Tributaries	0	0	0	0	0	0	0	0
Siebert Creek	0	0	0	0	0	0	0	0
Strait small tributaries	0	0	0	0	0.13	0	80	160
Tumwater Creek	0	0	0	0	0	0	0	0
Unknown Surface Source	0	0	0	0	0.01	0	0	0
Valley Creek	0	0	0	0	0	0	0	0
White Creek	0	0	0	0	0	0	0	0
Wood Creek	0	0	0	0	0	0	0	0
TOTAL SURFACE WATER	200.01	0	14.8	14	233.85	0	94.8	199

**WRIA 18 WATER RIGHT APPLICATIONS
BY SUBBASIN**

GROUND WATER	MUNICIPAL/DOMESTIC PURPOSE			
	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR
Bagley Creek	0	0	0	0
Bear Creek	0	460	160	0
Bell Creek	0	75	0	0
Canyon Creek	0	0	0	0
Cassalery Creek	0	80	0	0
Chicken Coop Creek	0	0	0	0
Cooper Creek	0	0	0	0
Dean Creek	0	0	0	0
Dry Creek	0	0	0	0
Dungeness Bay inner	0	240	0	0
Dungeness Bay outer	0	0	0	0
Dungeness River	0	50	0	0
Elwha River	0	1740	0	0
Ennis Creek	0	10	0	0
Geirin Creek	0	400	0	0
Indian Creek	0	0	0	0
JimmyComeLately Creek	0	0	0	0
Johnson Creek	0	0	0	0
Lake Sutherland & Tributaries	0	0	0	0
Lees Creek	0	0	0	0
Little River	0	0	0	0
Matriotti Creek	0	562	80	0
McDonald Creek	0	100	0	0
Meadowbrook Creek	0	0	0	0
Morse Creek	0	400	0	0
Peabody Creek	0	0	0	0
Port Angeles Small Tributaries	0	0	0	0
Sequim Bay Tributaries	0	0	0	0
Siebert Creek	0	0	0	0
Strait small tributaries	0	565	0	0
Tumwater Creek	0	0	0	0
Unknown	0	0	0	0
Valley Creek	0	0	0	0
White Creek	0	0	0	0
Wood Creek	0	0	0	0
TOTAL GROUND WATER	0	4682	240	0

**WRIA 18 WATER RIGHT APPLICATIONS
BY SUBBASIN**

GROUND WATER	COMMERCIAL/INDUSTRIAL PURPOSE				AGRICULTURAL PURPOSE			
	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR
Bagley Creek	0	0	0	0	0	0	0	0
Bear Creek	0	0	0	0	0	0	0	0
Bell Creek	0	0	0	0	0	5	0	4
Canyon Creek	0	0	0	0	0	0	0	0
Cassalery Creek	0	0	0	0	0	5	0	2
Chicken Coop Creek	0	0	0	0	0	0	0	0
Cooper Creek	0	0	0	0	0	0	0	0
Dean Creek	0	0	0	0	0	0	0	0
Dry Creek	0	0	0	0	0	0	0	0
Dungeness Bay inner	0	0	0	0	0	0	0	0
Dungeness Bay outer	0	0	0	0	0	2000	0	0
Dungeness River	0	32	0	0	0	128	0	13
Elwha River	0	0	0	0	0	2000	0	0
Ennis Creek	0	0	0	0	0	5	0	4
Geirin Creek	0	0	0	0	0	290	0	51
Indian Creek	0	0	0	0	0	0	0	0
JimmyComeLately Creek	0	20	0	0	0	0	0	0
Johnson Creek	0	0	0	0	0	0	0	0
Lake Sutherland & Tributaries	0	0	0	0	0	0	0	0
Lees Creek	0	0	0	0	0	0	0	0
Little River	0	0	0	0	0	80	0	0
Matriotti Creek	0	140	0	0	0	0	0	0
McDonald Creek	0	0	0	0	0	0	0	0
Meadowbrook Creek	0	0	0	0	0	0	0	0
Morse Creek	0	0	0	0	0	0	0	0
Peabody Creek	0	0	0	0	0	0	0	0
Port Angeles Small Tributaries	0	0	13	0	0	0	0	0
Sequim Bay Tributaries	0	0	0	0	0	0	0	0
Siebert Creek	0	0	0	0	0	0	0	0
Strait small tributaries	0	0	0	0	0	0	0	0
Tumwater Creek	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	1050	0	8
Valley Creek	0	0	0	0	0	0	0	0
White Creek	0	0	0	0	0	0	0	0
Wood Creek	0	0	0	0	0	0	0	0
TOTAL GROUND WATER	0	192	13	0	0	5563	0	82

**WRIA 18 WATER RIGHT APPLICATIONS
BY SUBBASIN**

GROUND WATER	OTHER PURPOSE				TOTAL			
	PURPOSE CFS	PURPOSE GPM	PURPOSE ACFT	PURPOSE ACRES IRR	CFS	GPM	ACFT	ACRES IRR
Bagley Creek	0	0	0	0	0	0	0	0
Bear Creek	0	0	0	0	0	460	160	0
Bell Creek	0	0	0	0	0	80	0	4
Canyon Creek	0	0	0	0	0	0	0	0
Cassalery Creek	0	0	0	0	0	85	0	2
Chicken Coop Creek	0	0	0	0	0	0	0	0
Cooper Creek	0	0	0	0	0	0	0	0
Dean Creek	0	0	0	0	0	0	0	0
Dry Creek	0	0	0	0	0	0	0	0
Dungeness Bay inner	0	0	0	0	0	240	0	0
Dungeness Bay outer	0	0	0	0	0	2000	0	0
Dungeness River	0	0	0	0	0	210	0	13
Elwha River	0	0	0	0	0	3740	0	0
Ennis Creek	0	0	0	0	0	15	0	4
Geirin Creek	0	0	0	0	0	690	0	51
Indian Creek	0	0	0	0	0	0	0	0
JimmyComeLately Creek	0	0	0	0	0	20	0	0
Johnson Creek	0	0	0	0	0	0	0	0
Lake Sutherland & Tributaries	0	0	0	0	0	0	0	0
Lees Creek	0	0	0	0	0	0	0	0
Little River	0	0	0	0	0	80	0	0
Matriotti Creek	0	0	0	0	0	702	80	0
McDonald Creek	0	0	0	0	0	100	0	0
Meadowbrook Creek	0	0	0	0	0	0	0	0
Morse Creek	0	0	0	0	0	400	0	0
Peabody Creek	0	0	0	0	0	0	0	0
Port Angeles Small Tributaries	0	0	0	0	0	0	13	0
Sequim Bay Tributaries	0	0	0	0	0	0	0	0
Siebert Creek	0	0	0	0	0	0	0	0
Strait small tributaries	0	0	0	0	0	565	0	0
Tumwater Creek	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	1050	0	8
Valley Creek	0	0	0	0	0	0	0	0
White Creek	0	0	0	0	0	0	0	0
Wood Creek	0	0	0	0	0	0	0	0
TOTAL GROUND WATER	0	0	0	0	0	10437	253	82

**APPENDIX 2-C
 WRIA 18 WATER RIGHTS BY TYPE, SOURCE, AND PURPOSE**

Type	Source	Purpose	cfs	gpm	acre-feet	acres irrigated
Applications						
	ground water					
		agriculture				
		Bell Creek		5.00		4.00
		Cassalery Creek		5.00		2.00
		Dungeness Bay outer		2,000.00		
		Dungeness River		128.00		13.00
		Elwha River		2,000.00		
		Ennis Creek		5.00		4.00
		Gierin Creek		290.00		51.00
		Matriotti Creek		80.00		
		Other		1,050.00		8.00
		commercial & industrial				
		Dungeness River		32.00		
		Jimmy Come Lately		20.00		
		Matriotti Creek		140.00		
		municipal & domestic				
		Bear Creek		460.00	160.00	
		Bell Creek		75.00		
		Cassalery Creek		80.00		
		Dungeness Bay inner		240.00		
		Dungeness River		50.00		
		Elwha River		1,740.00		
		Ennis Creek		10.00		
		Gierin Creek		400.00		
		Matriotti Creek		562.00	80.00	
		McDonald Creek		100.00		
		Morse Creek		400.00		
		Other		730.00		
		Strait small tribs		565.00		
	surface water					
		agriculture				
		Bagley Creek	0.04			2.00
		Bell Creek	0.08			6.00
		Cassalery Creek	0.93			15.00
		Dungeness Bay inr	0.04			
		Dungeness River	0.75			
		Elwha River	0.02			
		Lees Creek	0.04			
		Matriotti Creek	0.05			2.00
		Other	0.00			
		Strait small tribs	0.13		80.00	160.00
		commercial & industrial				
		Elwha River	3.12			
		Little River	0.20			
		municipal & domestic				
		Elwha River	3.19			
		Indian Creek	25.24			
		Other	0.01			
		other				
		Dungeness River	200.00			
		Matriotti Creek			14.80	14.00
		Peabody Creek	0.01			

Type	Source	Purpose	cfs	gpm	acre-feet	acres irrigated
Certificates & Permits						
	ground water					
	agriculture					
		Bagley Creek			10.00	5.00
		Bear Creek			4.00	3.00
		Bell Creek	18.00		41.00	61.50
		Cassalery Creek			15.00	7.50
		Chicken Coop Creek	40.00		4.00	2.00
		Dry Creek			24.20	12.00
		Dungeness Bay inner	400.00		201.25	100.50
		Dungeness Bay outer	770.00		398.00	196.00
		Dungeness River	8,985.00		4,429.50	1,182.00
		Elwha River			5.00	2.50
		Ennis Creek			1.00	1.00
		Gierin Creek	1,105.00		576.50	231.32
		Jimmy Come Lately			10.00	7.00
		Johnson Creek			13.00	6.00
		Lees Creek			22.00	21.00
		Little River			4.50	3.00
		Matriotti Creek	1,560.00		863.40	565.00
		McDonald Creek			5.00	2.50
		Morse Creek			14.00	7.00
		Other	50.00		92.00	166.50
		Sequim Bay small tribs			12.00	5.50
		Siebert Creek	300.00		30.00	31.50
		Strait small tribs			12.00	6.00
		Tumwater Creek			16.00	9.00
		Valley Creek			8.00	4.50
		White Creek			0.50	
	commercial & industrial					
		Bell Creek			1.00	
		Elwha River	5.00		0.25	
		Indian Creek			1.00	
		Johnson Creek	15.00			
		Lees Creek	80.00		15.30	
		Other			13.00	
	municipal & domestic					
		Bagley Creek	18.00		1.00	
		Bear Creek	265.00		118.00	
		Bell Creek	1,290.00		497.74	
		Cassalery Creek	856.00		170.20	
		Chicken Coop Creek	39.00		5.00	
		Dry Creek	284.00		55.33	
		Dungeness Bay inner	2,245.00		1,225.65	
		Dungeness Bay outer	1,273.50		313.10	
		Dungeness River	4,848.00		4,328.45	
		Elwha River	48,362.00		43,299.20	
		Ennis Creek	214.00		51.00	
		Gierin Creek	5,151.00		2,635.40	
		Indian Creek	342.00		43.00	
		Jimmy Come Lately	56.00		13.10	
		Johnson Creek	4,802.00		91.95	
		Lees Creek	390.00		277.50	
		Matriotti Creek	4,363.50		1,041.50	
		McDonald Creek	97.50		28.00	
		Meadowbrook Creek	10.00		1.00	
		Morse Creek	1,560.00		952.70	
		Other	2,059.20		1,217.60	
		PA Harbor small tribs	30.00		3.00	
		Peabody Creek	154.00		59.00	
		Sequim Bay small tribs	1,263.50		253.35	
		Siebert Creek	50.00		16.50	
		Strait small tribs	1,950.00		426.70	
		Tumwater Creek	175.00		27.70	
		Valley Creek	22.00		2.00	
		White Creek	20.00		1.00	
	other					
		Cassalery Creek			16.00	
		Dungeness Bay outer	4,670.00		2,693.01	
		Dungeness River			2.00	
		Gierin Creek			0.40	
		Little River	10.00			
		Matriotti Creek			1.00	
		Morse Creek			1.00	

Type	Source	Purpose	cfs	gpm	acre-feet	acres irrigated
Certificates & Permits						
surface water						
agriculture						
		Bagley Creek	0.54		43.50	97.00
		Bear Creek	279.97		29.60	14,011.30
		Bell Creek	1.91		271.00	274.00
		Cassalery Creek	6.14		1,016.67	678.00
		Chicken Coop Cree	0.12		14.33	11.00
		Dean Creek	0.02		4.00	2.00
		Dry Creek	0.51		134.15	74.00
		Dungeness Bay inr	1.13		104.50	69.50
		Dungeness Bay ou	7.61		226.00	468.00
		Dungeness River	311.07		27.10	15,685.00
		Elwha River	0.90		213.40	117.30
		Ennis Creek	0.08		9.00	5.00
		Gierin Creek	3.67		294.67	325.00
		Indian Creek	0.15		31.00	31.50
		Jimmy Come Latel	0.13		88.00	94.27
		Johnson Creek	1.19		245.25	142.75
		Lees Creek	0.46		56.00	65.50
		Little River	0.14		17.50	23.75
		Matriotti Creek	7.43		267.00	797.75
		McDonald Creek	5.00		34.50	372.00
		Morse Creek	0.53		15.50	311.50
		Other	2.86		258.00	397.50
		PA Harbor small tri	0.14		30.10	19.00
		Peabody Creek	0.31		52.37	39.00
		Sequim Bay small t	0.95		193.05	126.30
		Siebert Creek	0.51		84.80	43.25
		Strait small tribs	1.62		286.00	159.00
		Tumwater Creek	0.40		90.30	75.00
		Valley Creek	0.03		3.00	8.00
		White Creek	0.01			2.00
commercial & industrial						
		Dry Creek			2.00	
		Indian Creek	0.02		2.00	
		Little River	20.00			
		Tumwater Creek	20.00			
municipal & domestic						
		Bagley Creek	1.17		2.00	
		Bear Creek	0.09		5.00	
		Bell Creek	0.05		1.00	
		Cassalery Creek	1.65			
		Chicken Coop Cree	0.14		6.17	
		Dean Creek	0.07		7.00	
		Dry Creek	0.11		2.00	
		Dungeness Bay inr	0.50			
		Dungeness Bay ou	0.11			
		Dungeness River	14.59		5.50	
		Elwha River	2.38		23.30	
		Ennis Creek	0.56		26.00	
		Gierin Creek	0.80			
		Indian Creek	3.14		55.92	
		Jimmy Come Latel	0.58		20.10	
		Johnson Creek	2.57		6.00	75.00
		Lees Creek	0.06		3.00	
		Little River	0.36		123.14	
		Matriotti Creek	2.76		4.00	
		McDonald Creek	0.25		6.50	
		Morse Creek	35.17		764.25	
		Other	11.26		2,019.13	
		PA Harbor small tri	0.05			
		Peabody Creek	0.71		7.50	
		Sequim Bay small t	0.85		8.50	
		Siebert Creek	0.12		4.70	
		Strait small tribs	0.03			
		Tumwater Creek	0.50		17.50	
		Valley Creek	0.14		1.00	
		White Creek	0.08		17.80	
other						
		Bear Creek	0.10			
		Dry Creek	0.02		3.00	
		Dungeness Bay ou	1.00			
		Dungeness River	15.00			
		Elwha River	150.04		65,000.35	
		Gierin Creek	2.30			341.00
		Indian Creek	0.01			
		Jimmy Come Latel	0.02			
		Little River	0.05			
		Morse Creek			37.00	
		Other	0.07		1.00	
		Siebert Creek			15.00	

Type	Source	Purpose	cfs	gpm	acre-feet	acres irrigated
Claims						
	ground water					
	agriculture					
		Bagley Creek				449.00
		Bear Creek				40.00
		Bell Creek				196.00
		Cassalery Creek				15.00
		Dry Creek				98.00
		Dungeness Bay inner				78.00
		Dungeness Bay outer				145.00
		Dungeness River				194.00
		Elwha River				74.00
		Gierin Creek				94.00
		Jimmy Come Lately				4.00
		Johnson Creek				19.00
		Lees Creek			7.05	52.90
		Matriotti Creek				228.00
		McDonald Creek				8.00
		Meadowbrook Creek				1.00
		Morse Creek				32.00
		Other				54.00
		PA Harbor small tribs				20.00
		Peabody Creek				7.00
		Sequim Bay small tribs				23.00
		Siebert Creek				148.00
		Strait small tribs			81.00	150.71
		Tumwater Creek				16.00
		Valley Creek				1.00
	municipal & domestic					
		Indian Creek				35.00
		Lees Creek		10.00		1.00
		Matriotti Creek				16.00
		McDonald Creek				94.00
		Peabody Creek				14.00
		Strait small tribs		60.00		2.00
	surface water					
	agriculture					
		Bagley Creek				67.00
		Bear Creek				95.00
		Bell Creek	0.60		100.00	566.00
		Canyon Creek				13.00
		Chicken Coop Creek				22.00
		Dry Creek				34.00
		Dungeness River			23.88	80.09
		Elwha River				312.00
		Ennis Creek				1.00
		Gierin Creek				311.00
		Indian Creek				81.00
		Jimmy Come Lately				6.00
		Johnson Creek				9.00
		Lees Creek				88.00
		Matriotti Creek			20.00	409.00
		Morse Creek	3.05		53.00	77.00
		Other			50.00	137.00
		PA Harbor small tribs				462.00
		Sequim Bay small tribs				23.00
		Siebert Creek				14.00
		Strait small tribs	65.20		101.00	133.71
		Tumwater Creek			43,800.00	30.00
		Valley Creek				6.00
		White Creek				3.00
	municipal & domestic					
		Dungeness River	0.20			
		Elwha River				2.00
		Matriotti Creek	0.15			5.00
		Strait small tribs	0.06			