

Appendix 4. Physicochemical data from study streams.

Stream name	Region	Station ID	Date	Conductivity (µs/cm)	Dissolved oxygen (% saturation)	Dissolved oxygen (mg/L)	pH	Water temperature (°C)
Bear Creek	Admiralty Island	aibea01	05-15-2003	50.3	100.4	13.90	8.0	3.84
Doty's Creek	Admiralty Island	aidcc01	05-16-2003	17.7	100.7	13.05	5.7	4.42
NNT to East Young Bay	Admiralty Island	aieyb01	05-15-2003	64.0	96.7	12.78	7.9	3.66
NNT to Green Cove	Admiralty Island	aigcc01	05-16-2003	27.0	n.a.	n.a.	6.7	3.55
NNT to West Young Bay	Admiralty Island	aiwyb01	05-15-2003	75.6	101.5	13.53	7.8	3.35
North Fork Michael Creek	Admiralty Island	ainfm02	05-07-2002	61.5	93.1	12.32	7.6	3.46
South Fork Michael Creek	Admiralty Island	aisfm01	05-07-2002	43.1	93.7	12.98	7.3	1.74
Stink Creek	Admiralty Island	aisti01	05-15-2003	69.9	100.4	12.91	7.7	n.a.
Howard Bay Creek	Couverden	cohb301	05-11-2004	161.3	96.2	12.03	8.1	5.72
NNT (2 miles N of Robinson Creek) to W Lynn Canal	Couverden	cowc301	05-10-2004	124.0	94.8	12.38	7.9	4.20
NNT (Dick's Creek) to Swanson Harbor	Couverden	cosco01	05-11-2004	66.5	96.2	12.14	7.7	5.44
NNT (NW Howard Bay Creek) to Howard Bay	Couverden	cohb201	05-11-2004	152.8	96.1	11.61	8.0	7.20
NNT (South Golub Creek) to W Lynn Canal	Couverden	cohic01	05-10-2004	63.2	99.6	12.45	7.6	5.89
NNT (South Lynn Sisters Creek) to W Lynn Canal	Couverden	conwc01	05-10-2004	136.7	96.8	12.23	7.9	5.35
NNT (West Howard Bay Creek) to Howard Bay	Couverden	cohb101	05-11-2004	125.6	94.8	11.88	7.9	5.75
Point Howard Creek	Couverden	cohb401	05-11-2004	123.8	96.2	12.20	8.0	5.26
Duck Creek	Juneau	juduc01	05-08-2002	194.0	74.3	8.89	7.5	7.53
Duck Creek	Juneau	juduc01	05-13-2004	241.1	81.6	8.30	7.2	14.37
Fish Creek	Juneau	jufis01	05-06-2002	41.3	93.7	12.87	7.7	2.26
Jordan Creek	Juneau	jujor01	05-13-2003	78.6	89.8	11.20	7.2	5.92
Lake Creek	Juneau	julak01	05-15-2004	4.1	103.4	12.60	7.4	6.33
McGinnis Creek	Juneau	jumcg01	05-05-2002	41.4	92.7	12.37	6.9	3.27
McGinnis Creek	Juneau	jumcg01	05-14-2003	45.4	93.7	12.36	7.1	3.78
McGinnis Creek	Juneau	jumcg01	05-13-2004	42.8	97.3	12.31	7.3	5.22
Montana Creek	Juneau	jumon01	05-05-2002	31.0	92.7	12.96	7.1	1.56
Montana Creek	Juneau	jumon01	05-13-2003	32.1	96.4	12.92	7.3	3.08
Montana Creek	Juneau	jumon01	05-12-2004	39.2	95.4	12.31	7.5	4.55
NNT (1 mile NE of Benjamin Island) to E Lynn Canal	Juneau	juben01	05-03-2002	58.5	91.4	13.06	7.3	0.78
NNT to Sawmill Creek	Juneau	jusmt01	05-03-2002	21.3	89.3	12.63	6.9	1.17
NNT to South Bridget Cove	Juneau	jusbc01	05-03-2002	46.0	89.6	12.43	7.4	1.85
NNT to West Mendenhall Lake	Juneau	juml01	05-05-2002	38.6	98.8	14.19	6.2	0.59
Pederson Hill Creek	Juneau	juped01	05-05-2002	105.5	85.3	11.92	6.8	1.55
Peterson Creek	Juneau	jupet01	05-06-2002	38.8	88.4	12.40	6.8	1.50
Peterson Creek, tributary 1	Juneau	ju1tr01	05-06-2002	43.6	95.7	13.52	7.4	1.19
Salmon Creek	Juneau	jusal01	05-14-2004	48.7	95.4	12.10	7.5	5.22
Sawmill Creek	Juneau	jusaw01	05-03-2002	64.1	91.0	12.33	7.4	2.74
Steep Creek	Juneau	juste01	05-15-2004	36.0	95.8	12.90	7.5	3.00
Vanderbilt Creek	Juneau	juvan01	05-13-2003	57.7	85.5	10.68	6.8	5.90
Gunnuk Creek	Kake	kagun01	05-04-2004	31.7	95.9	11.85	7.3	6.22
NNT to the Hamilton River	Kake	kathr03	05-05-2004	4.4	87.6	10.22	6.2	8.61
Point Macartney Creek	Kake	kaptm01	05-04-2004	33.6	93.7	10.89	7.3	8.81
Point White Creek	Kake	kaptw01	05-04-2004	55.0	91.1	10.37	7.5	9.62

Sitkum Creek	Kake	kasit01	05-05-2004	26.0	92.4	11.17	7.1	7.22
Slo Duc Creek	Kake	kaslo01	05-05-2004	23.5	88.1	10.44	7.0	7.92
Fairy Chasm Creek	Ketchikan	kefac01	05-01-2002	94.5	90.9	11.32	7.1	5.93
Hoadley Creek	Ketchikan	kehoa01	05-01-2002	11.8	93.6	12.16	6.4	4.33
Ketchikan Creek	Ketchikan	keket01	05-01-2002	15.7	92.1	11.91	6.9	4.40
Lunch Creek	Ketchikan	kelun01	04-30-2002	11.5	90.1	12.06	7.0	3.40
Schoenbar (Laskawanda) Creek	Ketchikan	kesch01	05-01-2002	16.0	88.0	11.17	7.1	5.30
Ward Creek	Ketchikan	kewar01	04-30-2002	16.7	92.0	11.04	6.7	7.60
Whipple Creek	Ketchikan	kewhi01	05-01-2002	23.9	94.3	11.36	6.7	7.21
City Creek	Petersburg	pewsc01	05-03-2004	0.1	95.6	12.64	6.8	3.69
Dump Creek	Petersburg	pedum01	05-09-2003	126.7	90.8	11.17	7.1	6.72
East Fork Hobo Creek	Petersburg	peefh01	05-10-2003	4.2	96.5	12.06	6.1	5.73
Falls Creek	Petersburg	pefal01	05-10-2003	26.0	95.3	10.52	7.0	10.93
NNT (0.3 miles E of Hobo Creek) to Frederick Sound	Petersburg	pefre01	05-08-2003	7.0	96.7	12.54	6.4	4.40
NNT (3 Lakes Cut) to Dry Strait	Petersburg	pe3lc01	05-10-2003	3.5	96.2	11.86	6.4	6.37
NNT (3 Lakes Uncut) to Dry Strait	Petersburg	pe3lu01	05-10-2003	3.4	93.8	11.85	5.6	5.45
NNT (Clear Cut Creek) to Sumner Strait	Petersburg	peccc01	05-09-2003	12.6	90.4	10.60	7.1	8.42
NNT to Petersburg Creek	Petersburg	peest01	05-12-2003	13.6	95.8	12.22	6.9	4.98
NNT to Sumner Creek	Petersburg	pesfs01	05-09-2003	7.6	93.2	11.87	6.7	5.10
Old Man Creek	Petersburg	pewn101	05-11-2003	38.0	98.9	12.12	7.2	6.57
Skoags Creek	Petersburg	pesko01	05-11-2003	31.4	95.6	11.39	7.1	7.65
South Fork of the South Fork of Sumner Creek	Petersburg	peefm01	05-03-2004	1.8	98.3	12.68	6.2	4.56
Southeast Fork of Ohmer Creek	Petersburg	peseo01	05-09-2003	6.5	92.5	11.50	6.4	6.10
Wilson Creek	Petersburg	pehw701	05-10-2003	6.9	99.4	12.69	7.0	5.00
Andersen Creek	Prince of Wales I.	pwand01	04-27-2002	21.8	79.4	12.32	7.5	5.56
Andersen Creek	Prince of Wales I.	pwand01	04-26-2003	16.0	97.4	11.29	7.2	8.90
Andersen Creek	Prince of Wales I.	pwand01	04-28-2004	14.4	97.0	11.82	7.1	6.81
Big Ratz Creek	Prince of Wales I.	pwbra01	04-26-2002	9.7	95.3	11.81	6.9	6.17
Big Ratz Creek	Prince of Wales I.	pwbra01	05-02-2003	25.2	90.8	10.30	7.2	10.30
Cable Creek	Prince of Wales I.	pwcab01	04-22-2002	104.2	93.6	12.82	7.6	0.30
Chanterelle	Prince of Wales I.	pwcha01	05-07-2004	n.a.	n.a.	n.a.	n.a.	6.00
Deer Creek	Prince of Wales I.	pwdee01	04-26-2002	17.2	n.a.	n.a.	6.9	1.91
Ditch Creek	Prince of Wales I.	pwdit01	05-01-2003	114.2	87.0	10.29	7.1	8.00
East Fork of the North Fork of the Thorne River	Prince of Wales I.	pwenf01	05-02-2003	28.2	87.7	10.96	7.0	5.85
Falls Creek	Prince of Wales I.	pwfal01	04-25-2002	22.5	n.a.		7.4	3.80
Fubar Creek	Prince of Wales I.	pwfub01	04-22-2002	29.2	95.2	13.06	7.8	2.25
Harris River	Prince of Wales I.	pwhar01	04-22-2002	32.8	98.0	12.34	7.2	5.54
Lava (Gravelly) Creek	Prince of Wales I.	pwlav01	04-25-2002	22.6	n.a.	n.a.	7.4	4.71
Linkum Creek	Prince of Wales I.	pwlin01	05-01-2004	31.1	95.4	11.54	7.3	7.12
Little Ratz Creek	Prince of Wales I.	pwlra01	04-26-2002	16.7	93.6	12.53	6.8	3.12
Little Ratz Creek	Prince of Wales I.	pwlra01	05-02-2003	35.6	95.3	12.11	7.4	5.11
Luck Creek	Prince of Wales I.	pwluc01	05-02-2003	56.5	93.1	11.35	7.3	6.80
Maybeso Creek	Prince of Wales I.	pwmbso01	04-23-2002	38.0	94.8	12.57	7.0	3.50
McGillvery Creek	Prince of Wales I.	pwmcg01	04-26-2003	23.1	97.7	11.97	7.0	6.69
McGillvery Creek	Prince of Wales I.	pwmcg01	04-27-2004	22.8	90.3	11.28	6.8	5.95
Naukati Creek	Prince of Wales I.	pwnau01	04-24-2002	85.1	95.2	11.64	7.4	6.59
Newlunberry Creek	Prince of Wales I.	pwnew01	04-23-2002	8.3	97.1	13.45	6.2	1.94

Newlunberry Creek	Prince of Wales I.	pwnew01	05-01-2003	11.5	90.8	11.29	6.4	6.44
Newlunberry Creek	Prince of Wales I.	pwnew01	05-01-2004	5.0	92.1	10.93	6.4	7.90
NNT (Leighton Creek) to Saltry Cove	Prince of Wales I.	pwlci01	04-30-2003	11.2	94.9	11.86	7.0	5.96
NNT to Cholmondeley Sound	Prince of Wales I.	pwncs01	04-29-2003	36.8	93.8	10.90	7.3	8.83
NNT to Clover Bay	Prince of Wales I.	pwncb01	04-29-2003	14.0	96.6	10.10	6.7	13.29
NNT to lower Karta River	Prince of Wales I.	pwlkt01	04-28-2002	8.2	94.6	12.67	6.3	3.15
NNT to lower Karta River	Prince of Wales I.	pwlkt01	04-27-2003	8.1	78.3	9.63	6.4	6.81
NNT to lower Karta River	Prince of Wales I.	pwlkt01	04-26-2004	2.9	94.5	11.64	5.6	6.40
NNT to NW end of Salmon Lake	Prince of Wales I.	pwslt01	04-27-2002	19.9	95.5	12.62	6.8	3.61
NNT to NW end of Salmon Lake	Prince of Wales I.	pwslt01	04-26-2003	26.0	82.4	10.18	7.4	6.26
NNT to NW end of Salmon Lake	Prince of Wales I.	pwslt01	04-28-2004	26.7	90.2	11.27	6.6	5.81
NNT to South side of Salmom Lake	Prince of Wales I.	pwsst01	04-26-2003	7.5	98.7	12.36	6.4	5.77
NNT to South side of Salmom Lake	Prince of Wales I.	pwsst01	04-27-2004	3.0	95.1	12.32	6.6	4.31
Old Tom Creek	Prince of Wales I.	pwtom01	04-30-2003	28.1	89.2	10.48	7.5	8.40
Paul Young Creek	Prince of Wales I.	pwpau01	04-26-2004	11.6	93.7	11.44	6.4	6.79
Piggyback Creek	Prince of Wales I.	pwpig01	04-28-2002	20.4	95.5	13.30	6.9	1.71
Piggyback Creek	Prince of Wales I.	pwpig01	04-27-2003	24.3	94.8	11.65	7.3	6.47
Piggyback Creek	Prince of Wales I.	pwpig01	04-28-2004	25.0	95.3	11.17	7.0	8.36
Poor Man (Label) Creek	Prince of Wales I.	pwpoo01	04-26-2004	55.5	93.4	11.19	7.3	7.49
Rio Beaver	Prince of Wales I.	pwriv01	04-23-2002	38.2	95.8	12.97	7.2	2.79
Rio Roberts	Prince of Wales I.	pwrir01	04-23-2002	22.0	96.2	13.49	7.1	1.55
Sal Creek	Prince of Wales I.	pwsal01	04-26-2002	13.0	95.1	12.46	6.6	3.97
Sal Creek	Prince of Wales I.	pwsal01	04-29-2004	27.7	88.5	10.31	6.8	8.72
Scary Creek	Prince of Wales I.	pwsca01	04-30-2004	24.9	98.4	11.76	7.3	7.58
Shaheen Creek	Prince of Wales I.	pwsa01	04-24-2002	45.6	98.5	13.12	7.5	3.30
Slide Creek	Prince of Wales I.	pwsli01	04-26-2002	n.a.	96.3	13.54	5.9	1.37
Son In Hat Creek	Prince of Wales I.	pws01	05-01-2004	88.6	92.5	10.83	7.5	8.54
Staney Creek	Prince of Wales I.	pwwst01	04-24-2002	47.8	100.8	n.a.	7.3	4.62
Sunny Creek	Prince of Wales I.	pwsun01	04-29-2003	28.8	90.0	10.43	7.6	8.31
Upper Shaheen Creek	Prince of Wales I.	pwsush08	04-30-2004	45.3	n.a.	n.a.	7.6	6.00
West Fork of the North Fork of the Thorne River	Prince of Wales I.	pwwnt01	04-25-2002	35.5	92.3	12.04	7.6	3.78
Yatuk Creek	Prince of Wales I.	pwyat01	04-24-2002	119.6	95.7	12.54	7.5	4.11
East Fork of the Indian River	Sitka	siefi01	05-08-2004	32.3	88.8	11.40	7.3	4.75
Granite Creek	Sitka	sigra01	05-09-2004	32.4	87.5	11.00	7.3	5.69
Medveje Creek	Sitka	simed01	05-07-2004	10.6	89.3	10.97	6.8	6.52
NNT to Herring Cove	Sitka	siher01	05-09-2004	48.2	89.3	11.50	7.3	4.63
NNT to the Indian River	Sitka	sitir01	05-08-2004	0.0	88.1	10.86	7.5	6.38
Sawmill Creek	Sitka	sisaw02	05-07-2004	25.9	88.4	11.57	7.0	4.09
Starrigavan Creek	Sitka	sista01	05-09-2004	49.0	85.5	10.92	7.2	5.05
West Fork of the Indian River	Sitka	siwfi01	05-08-2004	41.1	88.1	11.31	6.9	4.73
Wrinkleneck Creek	Sitka	siwri01	05-08-2004	58.7	82.1	9.72	7.5	7.16
Anan Creek	Wrangell	wrana01	05-07-2003	0.1	95.0	11.22	5.8	7.94
Crittenden Creek	Wrangell	wrcrt01	05-06-2003	0.1	99.8	13.05	6.6	3.96
East Fork of Anan Creek	Wrangell	wrefa01	05-07-2003	0.1	94.6	10.99	6.4	8.76
East Fork of Crittenden Creek	Wrangell	wrefc01	05-06-2003	58.8	124.4	16.16	7.4	4.33
Glacier Creek	Wrangell	wrgla01	05-06-2003	25.8	97.7	12.25	6.9	5.74
Marten Creek	Wrangell	wrmar01	05-08-2003	7.9	92.2	11.33	6.4	6.49

McCormack Creek	Wrangell	wrmcc01	05-05-2003	24.2	91.9	11.60	7.2	5.43
NNT to Bradfield Canal (East of Hoya Creek)	Wrangell	wrunm01	05-07-2003	5.8	95.2	12.36	6.1	4.35
NNT to Skip Creek (Cut)	Wrangell	wrskc01	05-05-2003	1.2	92.7	11.95	5.0	4.69
NNT to Skip Creek (Uncut)	Wrangell	wrskn01	05-05-2003	4.6	87.5	11.69	6.4	3.30
Pat Creek	Wrangell	wrpat01	05-05-2003	9.7	89.0	11.28	6.4	5.40
Porterfield Creek	Wrangell	wrpor01	05-06-2003	21.8	94.9	12.41	6.6	4.06
Tom Creek	Wrangell	wrtom01	05-07-2003	13.6	99.1	12.41	6.6	5.74