Appendix 3-A

2005 SAMPLING RESULTS

2005 HYDROLAB DATA

34 CTC		Temp (degree C)	Dissolved Oxygen (% Sat)	Dissolved Oxygen (mg/L)	Specific Conductivity µS/cm
8/9/2005	Min	24.69	74	6.13	112
11:30 - 23:45	Max	25.83	94.8	7.72	116
	Mean	25.11	82.53	6.80	113.48
8/10/2005	Min	24.39	63.1	5.27	114
0:00 - 23:45	Max	26.67	96.8	7.92	123
	Mean	25.05	84.10	6.94	118.33
8/11/2005	Min	24.71	62.8	5.21	117
0:00 - 11:15	Max	26.65	95.4	7.65	135
	Mean	25.55	79.64	6.50	123.04

32M CTC		Temp (degree C)	Dissolved Oxygen (% Sat)	Dissolved Oxygen (mg/L)	Specific Conductivity µS/cm
8/9/2005	Min	24.04	88.2	7.39	123
12:45 - 23:45	Max	25.09	101.3	8.41	127
	Mean	24.71	94.25	7.83	124.64
8/10/2005	Min	22.83	87.5	7.32	124
0:00 - 23:45	Max	26.29	100.6	8.31	131
	Mean	24.29	92.14	7.71	126.57
8/11/2005	Min	23.71	87.5	7.34	127
0:00 - 12:30	Max	24.81	99.7	8.27	130
	Mean	24.09	90.65	7.62	128.55

30 CTC		Temp (degree C)	Dissolved Oxygen (% Sat)	Dissolved Oxygen (mg/L)	Specific Conductivity µS/cm
8/9/2005	Min	22.2	83.1	7.24	121
10:30 - 23:45	Max	24.36	112.5	9.47	124
	Mean	23.29	98.16	8.37	122.13
8/10/2005	Min	20.94	82.9	7.35	121
0:00 - 23:45	Max	26.46	108.5	8.8	126
	Mean	23.32	94.53	8.04	122.45
8/11/2005	Min	22.08	79.3	6.88	122
0:00 - 13:00	Max	24.24	98.1	8.25	125
	Mean	23.00	89.72	7.69	122.81

27 CTC		Temp (degree C)	Dissolved Oxygen (% Sat)	Dissolved Oxygen (mg/L)	Specific Conductivity µS/cm
8/9/2005	Min	23.76	94.5	7.99	108
14:00 - 23:45	Max	24.83	109.2	9.08	109
	Mean	24.47	104.56	8.72	108.95
8/10/2005	Min	22.79	84.8	7.29	109
0:00 - 23:45	Max	25.56	111.7	9.14	112
	Mean	24.02	97.08	8.16	110.99
8/11/2005	Min	23.56	83.4	7.06	110
0:00 - 12:00	Max	25.15	105.8	8.71	113
	Mean	24.19	90.80	7.61	111.22

2005 LAB DATA

DATE: 8/09/2005 CONTOOCOOK RIVER (Re-Sampling)

LABORATORY RESULTS

Station ID	Category	= < > --	BOD-5	= < > --	BOD-20	= < > --	CBOD (calculated)	= < > --	CHLOR "A"	= < > --	NO+NO3	= < > --	NH3	= < > --	TKN	= < > --	ORG N (calculated)	= < > --	TSS	= < > --	TP
Units			mg/L		mg/L		mg/L		mg/m3		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L
QAPP Reporting Detection Limits			3		3			0.05	0.5		0.05		0.1		0.1		na		2		0.005
								0.05													
30M-CTC	ROUTINE SAMPI	=	0.8	=	4.6			=	2.73	=	0.31	<	0.05	=	0.3	=	0.25	<	5	=	0.074
30M-CTC (LAB DUP BOD or	ROUTINE SAMPI	=	1.2	=	4.4			=		=		<	0.05			=		<			
30-CTC	ROUTINE SAMPI	=	1.2	=	6.6			=	3.65	=	0.25	<	0.05	=	0.3	=	0.25	<	5	=	0.087
30-CTC (REP)	ROUTINE SAMPI	=	0.8	=	5.2			=	4.55*	=	0.25	<	0.05	=	0.4	=	0.35	<	5	=	0.072
27-CTC	ROUTINE SAMPI	=						=	1.99												

DATE: 9/14/2005 CONTOOCOOK RIVER (Re-Sampling)

LABORATORY RESULTS

Station ID	Category	= < > --	BOD-5	= < > --	BOD-20	= < > --	CBOD (calculated)	= < > --	CHLOR "A"	= < > --	NO+NO3	= < > --	NH3	= < > --	TKN	= < > --	ORG N (calculated)	= < > --	TSS	= < > --	Diss Ortho P	= < > --	TP
Units			mg/L		mg/L		mg/L		mg/m3		mg/L		mg/L		mg/L		mg/L		mg/L				mg/L
QAPP Reporting Detection Limits			3		3			0.05	0.5		0.05		0.1		0.1		na		2				0.005
								0.05															
30M-CTC	ROUTINE SAMPI	=		=	2.8			=	2.35	=	0.62	<	0.05	=	0.3	=	0.25	<		=	0.01	=	0.113
	ROUTINE SAMPI	=		=				=		=		<				=		<					
30-CTC	ROUTINE SAMPI	=		=	2.9			=	4.69	=	0.39	<	0.05	=	0.3	=	0.25	<		=	0.01	=	0.076
30-CTC DUP	ROUTINE SAMPI	=		=	3.2			=		=	0.39	<	0.05	=	0.3	=	0.25	<		=	0.01	=	0.074