

# 1998 Kennebec River Survey

## River samples

Station	Location	TP	UBOD	Nut	TKN	Chla	Bacteria
K1-AM	201A Bridge						
Sta Code:	Anson-Madison	K1dxx	K1dxxB	K1dxxN	K1dxxT	K1dxxC	K1dxx
K3-AM	Norridgewock						
Sta Code:	boat ramp	K3dxx	K3dxxB	K3dxxN	K3dxxT	K3dxxC	K3dxx
K4-AM	Skowhegan footbridge						
Sta Code:	above dam					K4dxxC	
K5-AM	narrows below						
Sta Code:	Oak Islands	K5dxx	K5dxxB	K5dxxN	K5dxxT	K5dxxC	K5dxx
K7-AM	Shawmut						
Sta Code:	impoundment	K7dxx	K7dxxB	K7dxxN	K7dxxT	K7dxxC	K7dxx
K8-AM	Fairfield						
Sta Code:	below islands	K8dxx	K8dxxB	K8dxxN	K8dxxT	K8dxxC	K8dxx
K10-AM	gravel pit						
Sta Code:	below Messalonskee	K10dxx	K10dxxB	K10dxxN	K10dxxT	K10dxxC	K10dxx
K12-AM	above Seven Mile						
Sta Code:	island	K12dxx	K12dxxB	K12dxxN	K12dxxT	K12dxxC	K12dxx
KE1-AM	Augusta boat ramp						
Sta Code:		KE1dxx	KE1dxxB	KE1dxxN	KE1dxxT	KE1dxxC	KE1dxx
KE3-AM	Gardiner Bridge						
Sta Code:		KE3dxx	KE3dxxB	KE3dxxN	KE3dxxT	KE3dxxC	KE3dxx
KE5-AM	Trotts Point						
Sta Code:		KE5dxx	KE5dxxB	KE5dxxN	KE5dxxT	KE5dxxC	KE5dxx
KE7-AM	Abby Point						
Sta Code:		KE7dxx	KE7dxxB	KE7dxxN	KE7dxxT	KE7dxxC	KE7dxx
KE7-PM	Abby Point						
Sta. Code:	<b>PM sample</b>	HTdxx	HTdxxB	HTdxxN	HTdxxT	HTdxxC	
River	River						
Duplicate		DupRdxx	DupRdxxB	DupRdxxN	DupRdxxT	DupRdxxC	DupRdxx

## T+A2ributaries

CB-AM	Cobbosseecontee						
Sta Code:	above backwater effects	CBdxx	CBdxxB	CBdxxN	CBdxxT	CBdxxC	CBdxx
<b>CT-AM**</b>	<b>Carrabassett Stream</b>						
<b>Sta Code:</b>		<b>CTd02**</b>	<b>CTd02B**</b>	<b>CTd02N**</b>	<b>CTd02T**</b>	<b>CTd02C**</b>	<b>CTd02**</b>
ME-AM	Messalonskee Strm.						
Sta Code:	above backwater effects	MEdxx	MEdxxB	MEdxxN	MEdxxT	MEdxxC	MEdxx
SK-AM	Sebasticook River						
Sta Code:	above backwater effects	SKdxx	SKdxxB	SKdxxN	SKdxxT	SKdxxC	SKdxx
SY-AM	Sandy River						
Sta Code:	above backwater effects	SYdxx	SYdxxB	SYdxxN	SYdxxT	SYdxxC	SYdxx
WT-AM	Wesserunsett Stream						
Sta Code:		WTdxx	WTdxxB	WTdxxN	WTdxxT	WTdxxC	WTdxx
Trib	Tributary						
Duplicate		DupTdxx	DupTdxxB	DupTdxxN	DupTdxxT	DupTdxxC	DupTdxx

**\*\*second day only**

Notes: Three days sampling at each location unless otherwise noted  
sample day indicated as xx=01, 02 or 03

# 1998 Kennebec River Survey

## Effluents

Station	Plant	TP	BOD5 + UBOD	Nut	TKN	Chla
MAD	Anson/Madison	MADdxx	MADdxxB	MADdxxN	MADdxxT	MADdxxC
<b>NORR*</b>	<b>Norridgewock</b>	<b>NORRd02</b>	<b>NORRd02B</b>	<b>NORRd02N</b>	<b>NORRd02T</b>	
SKOW	Skowhegan	SKOWdxx	SKOWdxxB	SKOWdxxN	SKOWdxxT	
KIM	Kimberly Clark	KIMdxx	KIMdxxB	KIMdxxN	KIMdxxT	
KSTD	Kennebec	KSTDdxx	KSTDdxxB	KSTDdxxN	KSTDdxxT	
TREE	Tree Free	TREEdxx	TREEdxxB	TREEdxxN	TREEdxxT	
SDW	SD Warren	SDWdxx	SDWdxxB	SDWdxxN	SDWdxxT	SDWdxxC
AUG	Augusta	AUGdxx	AUGdxxB	AUGdxxN	AUGdxxT	
GARD	Gardiner	GARDdxx	GARDdxxB	GARDddN	GARDdxxT	
<b>RICH*</b>	<b>Richmond</b>	<b>RICHd02</b>	<b>RICHd02B</b>	<b>RICHd02N</b>	<b>RICHd02T</b>	
Effluent duplicate	Effluent	DupWdxx	DupWdxxB	DupWdxxN	DupWdxxT	if applicable DupWdxxC

**\*Sample Norridgewock and Richmond second day only**

Notes: Three days sampling at each location unless otherwise noted  
sample day indicated as xx=01, 02 or 03

Kennebec River

Date: 08/18/98		Depth	DO	Temp	Sal	% Sat	Date: 08/19/98		Depth	DO	Temp	Sal	% Sat	Date: 08/20/98		Depth	DO	Temp	Sal	% Sat
Station	Time						Station	Time						Station	Time					
K1 team A	06:50	0	8.1	22.0	0	92%	K1 team A	07:00	0	7.9	21.8	0	90%	K1 team A	07:15	0	8.2	21.4	0	93%
		1	-	-	-	-			1	7.9	21.8	0	90%			1	8.2	21.4	0	93%
		2	-	-	-	-			2	7.9	21.8	0	90%			2	8.2	21.4	0	93%
	14:55	3	-	-	-	-	3	-	-	-	-	3	8.2	21.4	0	93%				
		0	8.2	22.3	0	94%	15:10	0	8.2	21.4	0	93%	15:15	0	8.3	21.5	0	94%		
		1	8.2	22.3	0	94%		1	8.1	21.3	0	91%		1	8.3	21.5	0	94%		
2	8.2	22.3	0	94%	2	8.1		21.3	0	91%	2	8.3		21.5	0	94%				
K2 team 1	08:40	0	8.3	22.2	0	95%	K2 team 1	08:30	0	8.1	21.8	0	93%	K2 team 1	08:58	0	8.3	21.5	0	94%
		1	8.2	22.2	0	94%			1	8.1	21.8	0	93%			1	8.3	21.6	0	94%
		2	8.2	22.2	0	94%			1.8	8.2	21.9	0	93%			2	8.3	21.6	0	94%
	16:11	2.3	8.1	22.2	0	93%	-	-	-	-	-	2.5	8.3	21.6	0	94%				
		0	8.7	22.7	0	100%	14:21	0	9.0	22.2	0	103%	14:44 S=2.2*	0	9.2	22.2	0	106%		
		1	8.7	22.7	0	100%		1	9.0	22.2	0	103%		1	9.2	22.2	0	105%		
2	8.7	22.7	0	101%	1.5	9.0		22.2	0	103%	2.2	9.2		22.2	0	105%				
K3 team 1	08:04	0	8.3	22.3	0	96%	K3 team 1	07:55	0	8.3	21.9	0	95%	K3 team 1	08:19	0	8.5	21.4	0	96%
		1	8.3	22.3	0	95%			1	8.3	21.9	0	95%			1	8.5	21.4	0	96%
		2	8.3	22.3	0	96%			2	8.3	21.9	0	95%			2	8.5	21.4	0	96%
		3	8.3	22.3	0	96%			3	8.3	21.9	0	95%			3	8.4	21.3	0	95%
		4	8.3	22.3	0	96%			4	8.3	21.9	0	95%			4	8.4	21.2	0	94%
		5	8.3	22.3	0	95%			5	8.3	21.9	0	95%			5	8.4	21.2	0	94%
		6	8.3	22.3	0	95%			6	8.3	21.9	0	95%			6	8.3	21.2	0	94%
	15:40	6.5	8.3	22.3	0	95%	6.5	8.3	21.9	0	95%	7	8.3	21.2	0	94%				
		0	8.1	22.6	0	94%	14:54	0	8.2	22.1	0	94%	15:07 S=5.19	0	8.3	21.8	0	95%		
		1	8.1	22.6	0	93%		1	8.2	22.0	0	94%		1	8.3	21.6	0	94%		
		2	8.1	22.7	0	94%		2	8.2	21.9	0	93%		2	8.3	21.5	0	94%		
		3	8.1	22.7	0	93%		3	8.2	21.9	0	93%		3	8.3	21.4	0	93%		
		4	8.1	22.6	0	93%		4	8.2	21.9	0	93%		4	8.3	21.4	0	93%		
		5	8.1	22.6	0	93%		5	8.2	21.9	0	93%		5	8.3	21.3	0	93%		
6	8.0	22.6	0	93%	6	8.1		21.9	0	93%	6	8.2		21.3	0	93%				
7	8.0	22.6	0	93%	7	8.1	21.9	0	93%	6.5	8.2	21.3	0	93%						
K4 team A	08:10	0	8.2	22.0	0	94%	K4 team A	08:45	0	7.7	22.0	0	88%	K4 team A	08:55	0	7.9	21.5	0	89%
		1	-	-	-	-			1	7.7	22.0	0	88%			1	7.9	21.5	0	89%
		2	-	-	-	-			2	7.7	22.0	0	88%			2	7.9	21.5	0	89%
	15:25	3	-	-	-	-	3	-	-	-	-	3	7.9	21.5	0	89%				
		0	8.2	23.0	0	96%	15:45	0	8.0	22.2	0	92%	15:45	0	8.2	21.7	0	93%		
		1	8.2	23.0	0	96%		1	8.0	22.2	0	92%		1	8.2	21.7	0	93%		
2	8.2	22.9	0	95%	2	8.0		22.2	0	92%	2	8.2		21.8	0	93%				
K5 team 1	07:23	3	-	-	-	-	3	-	-	-	-	3	8.2	21.7	0	93%				
		0	8.3	22.5	0	95%	07:09	0	8.3	22.0	0	95%	07:37	0	8.2	21.7	0	93%		
		1	8.3	22.5	0	95%		1	8.3	22.0	0	95%		1	8.2	21.8	0	93%		
		2	8.3	22.5	0	95%		2	8.3	22.0	0	94%		2	8.2	21.8	0	93%		
	3	8.3	22.5	0	95%	3		8.3	22.0	0	94%	3		8.2	21.8	0	93%			
	15:07	-	-	-	-	-	3.5	8.3	22.0	0	94%	3.5	8.2	21.8	0	93%				
		0	8.4	22.7	0	98%	15:37	0	8.6	22.7	0	99%	15:45 S=3.54*	0	8.6	23.0	0	100%		
		1	8.4	22.7	0	98%		1	8.6	22.7	0	99%		1	8.6	22.7	0	100%		
2		8.4	22.7	0	97%	2		8.6	22.7	0	99%	2		8.6	22.3	0	99%			
3	8.4	22.7	0	97%	3	8.5		22.7	0	99%	3	8.5		22.2	0	98%				
4	8.4	22.7	0	97%	-	-	-	-	-	3.5	8.5	22.2	0	97%						

S=secchi depth in meters  
\*river bottom

Date: 08/21/98		Depth	DO	Temp	Sal	% Sat	
Station	Time						
K1 team A	07:30	0	8.3	22.0	0	95%	
		1	-	-	-	-	
		2	-	-	-	-	
	14:10	3	8.3	22.0	0	95%	
		0	8.2	21.8	0	93%	
		1	8.1	21.8	0	92%	
K2 team 1	08:21	2	8.1	21.8	0	92%	
		3	8.1	21.8	0	92%	
		0	8.2	22.2	0	94%	
	13:15	1	8.2	22.2	0	94%	
		0	8.9	22.1	0	102%	
		1	8.9	22.1	0	101%	
K3 team 1	07:45	2	8.2	22.2	0	94%	
		-	-	-	-	-	
		0	8.9	22.1	0	102%	
		1	8.8	22.1	0	101%	
		2	8.8	22.1	0	101%	
		13:41	0	8.7	21.8	0	99%
			1	8.7	21.8	0	99%
	2		8.7	21.8	0	99%	
	3		8.6	21.7	0	98%	
	4		8.6	21.7	0	98%	
	5		8.6	21.7	0	97%	
	6		8.6	21.7	0	97%	
	6.5	8.6	21.7	0	97%		
	K4 team A	08:55	0	8.4	21.7	0	95%
1			8.4	21.7	0	94%	
2			8.3	21.7	0	94%	
3			8.3	21.7	0	94%	
4			8.3	21.7	0	94%	
5			8.3	21.6	0	94%	
6			8.3	21.6	0	94%	
14:35		7	8.3	21.6	0	94%	
		0	8.1	21.3	0	91%	
		1	8.1	21.3	0	91%	
		2	8.1	21.3	0	91%	
		3	8.1	21.3	0	91%	
		0	8.1	21.5	0	92%	
		1	-	-	-	-	
K5 team 1	07:07	2	8.1	21.5	0	92%	
		3	8.1	21.5	0	92%	
		0	8.3	21.9	0	95%	
	14:15	1	8.3	21.9	0	95%	
		2	8.3	21.9	0	95%	
		3	8.3	21.9	0	95%	
	3.5	8.3	21.9	0	95%		
	15:07	0	8.5	22.1	0	98%	
		1	8.6	21.9	0	98%	
		2	8.5	21.8	0	97%	
		3	8.5	21.8	0	97%	
		4	8.5	21.8	0	97%	

Kennebec River

Date: 08/18/98		Depth	DO	Temp	Sal	% Sat	Date: 08/19/98		Depth	DO	Temp	Sal	% Sat	Date: 08/20/98		Depth	DO	Temp	Sal	% Sat	
Station	Time						Station	Time						Station	Time						
K6  team 2	06:50	0	7.6	22.8	0	88%	K6  team 2	06:41	0	8.4	22	0	96%	K6  team 2	06:35	0	7.8	21.8	0	89%	
	*short cable	1	7.6	22.8	0	88%		W & E sites	1	8.2	21.2	0	92%		W & E sites	1	8.05	20.8	0	90%	
			7.7	23	0	90%				8.0	22.2	0	92%				7.8	21.9	0	89%	
			7.7	23	0	90%				8.0	22.2	0	92%				7.75	21.5	0	88%	
	W & E sites	2	7.8	22.9	0	91%		team 2	2	8.05	22.3	0	93%		team 2	2	7.75	21.9	0	88%	
			7.6	23	0	89%				8.0	22.2	0	92%				7.8	21.8	0	89%	
			7.6	23	0	89%				8.0	22.2	0	92%				7.7	22	0	88%	
	17:30 at boat ramp	3*	7.6	22.9	0	88%		team 2	3	8.0	22.2	0	92%		team 2	3	7.8	21.8	0	89%	
			7.7	23	0	90%				8.0	22.3	0	92%				7.8	21.8	0	89%	
			-	-	-	-				4	7.8	22.2	0				90%	7.75	22	0	89%
			-	-	-	-				4	7.9	22.1	0				91%	7.8	21.8	0	89%
	16:37 W & E sites	0	7.9	22.1	0	91%		team 2	0	7.9	22.1	0	91%		team 2	0	8.6	24.6	0	103%	
8.05			23.1	0	94%	8.05	23.1			0	94%	8.4	24.8	0			101%				
7.6			22.5	0	88%	1	7.6			22.5	0	88%	8.35	23.5			0	98%			
7.7			23.9	0	91%	1	7.7			23.9	0	91%	8.4	23.9			0	100%			
W & E sites	1	7.5	22.5	0	87%	team 2	1	7.5	22.5	0	87%	team 2	1	8.2	23.1	0	96%				
		7.7	23.8	0	91%			2	7.7	23.8	0			91%	8.15	23.2	0	95%			
		7.55	22.5	0	87%			3	7.55	22.5	0			87%	8.1	22.9	0	94%			
		7.6	23.8	0	89%			3	7.6	23.8	0			89%	8.1	23	0	94%			
W & E sites	2	7.5	22.5	0	87%	team 2	2	7.5	22.5	0	87%	team 2	2	8.05	22.9	0	94%				
		7.6	23.5	0	89%			4	7.6	23.5	0			89%	8.05	22.9	0	94%			

Date: 08/21/98		Depth	DO	Temp	Sal	% Sat
Station	Time					
K6  team 2	06:35	0	8.4	21.8	0	96%
	W & E sites	1	8.45	21.5	0	96%
			8.35	22.0	0	95%
			8.35	22.0	0	95%
			8.3	22.2	0	95%
	team 2	3	8.25	22.2	0	95%
			8.25	22.2	0	95%
			8.25	22.2	0	95%
			8.25	22.1	0	95%
	15:15 (team 1) center	0	8.6	22.8	0	100%
			8.6	22.8	0	99%
			8.5	22.6	0	99%
8.5			22.6	0	98%	
8.5			22.5	0	98%	
8.5			22.5	0	98%	
8.5			22.5	0	98%	
8.4			22.4	0	97%	
8.4			22.3	0	96%	
9.5			8.4	22.2	0	96%

K7  team 2	07:45	0	7.7	23.0	0	90%	K7  team 2	07:41	0	8.4	22.0	0	96%	K7  team 2	07:30	0	7.7	21.8	0	88%				
	*short cable	1	7.7	22.8	0	89%		team 2	1	8.1	22.1	0	92%		team 2	S=2.48	1	7.6	21.8	0	87%			
			7.6	22.8	0	88%				2	8.0	22.1	0					91%	2	7.6	21.9	0	87%	
			7.7	22.8	0	89%				3	8.0	22.1	0					91%	3	7.6	21.9	0	87%	
			-	-	-	-				4	7.8	22.1	0					89%	4	7.6	21.9	0	87%	
			-	-	-	-				5	-	-	-					-	5	7.6	22.0	0	87%	
	PM from bank	0	8.4	24.5	0	101%		team 2	16:05	0	8.3	23.8	0.0		98%	team 2	15:40	0	8.3	24.8	0.0	99%		
			-	-	-	-					1	-	-		-				-	1	7.9	23.3	0.0	93%
			-	-	-	-					2	-	-		-				-	2	7.8	23.1	0.0	91%
			-	-	-	-					3	-	-		-				-	3	7.8	22.8	0.0	90%
-			-	-	-	4	-				-	-	-	4	7.7				22.6	0.0	89%			
from pier	5	-	-	-	-	team 2	from pier	5	-	-	-	-	team 2	S=2.53	5	7.7	22.6	0.0	89%					

K7  team 2	07:15	0	8.5	21.9	0	96%
	team 2	1	8.3	22.0	0	95%
			8.2	22.1	0	94%
			8.2	22.2	0	94%
			8.2	22.2	0	94%
			8.1	22.2	0	93%
	15:50	0	8.5	22.8	0	98%
			8.3	22.6	0	96%
			8.3	22.5	0	95%
			8.2	22.5	0	94%
8.1			22.5	0	94%	

K7a below dam team 2,B	8:10	0	8.6	22.8	0	100%	K7a team 2	8:30	0	9.2	22.1	0	105%	K7a team 2	7:10	0	8.8	21.5	0	99%		
	9:23	0	8.4	23.1	0	98%		team 2	15:50	0	8.6	24.3	0		103%	team 2	15:20	0	8.9	24.2	0	106%
	PM	0	8.6	24.9	0	104%																

K7a	7:45	0	9.4	22.6	0	108%
team 2,B	14:47	0	8.8	22.7	0	102%

K8  team 2	08:50	0	7.4	22.8	0	85%	K8  team 2	09:00	0	8.3	21.5	0	94%	K8  team 2	08:25	0	8.4	21.2	0	95%				
	*short cable	1	7.4	22.8	0	86%		team 2	1	8.0	21.6	0	91%		team 2	S=2.34*	1	8.2	21.5	0	93%			
			7.4	22.8	0	85%				2	7.7	21.8	0					88%	2	8.1	21.5	0	92%	
			7.4	22.8	0	85%				3	-	-	-					-	3	-	-	-	-	
			7.4	22.8	0	85%				3	-	-	-					-	3	-	-	-	-	
	PM *short river bottom	0	8.8	24.1	0	105%		team 2	15:15	0	8.6	24.5	0		103%	team 2	14:45	0	9.2	24.3	0	109%		
			8.6	24.0	0	102%					1	8.4	23.7		0				99%	1	9.1	24.0	0	108%
			8.8	24.0	0	105%					2	8.1	23.5		0				95%	2	9.1	23.8	0	107%
			8.4	23.8	0	99%					3	-	-		-				-	3	-	-	-	-
			-	-	-	-					4	-	-		-				-	4	-	-	-	-
-			-	-	-	5	-				-	-	-	5	-				-	-	-			

K8  team 2	08:15	0	8.6	21.9	0	98%
	team 2	1	8.5	21.8	0	97%
			8.5	22.0	0	97%
			-	-	-	-
	16:35	0	9.5	22.8	0	111%
			9.5	22.8	0	110%
			9.5	22.8	0	110%
			9.5	22.8	0	110%
			9.5	22.8	0	110%
			9.5	22.8	0	110%
9.5			22.8	0	110%	

S=secchi depth in meters  
\*river bottom

Kennebec River

Date: 08/18/98		Depth	DO	Temp	Sal	% Sat	Date: 08/19/98		Depth	DO	Temp	Sal	% Sat	Date: 08/20/98		Depth	DO	Temp	Sal	% Sat
Station	Time						Station	Time						Station	Time					
K9  team 2	09:30	0	7.4	22.8	0	86%	K9  team 2	AM	0	7.9	22.1	0	90%	K9  team 2	09:15	0	8.6	21.5	0	97%
	*short cable	1	7.4	22.8	0	85%			1	7.7	22.3	0	89%			1	8.4	22.0	0	96%
		2	7.3	22.8	0	85%			2	7.7	22.5	0	89%			2	8.3	22.0	0	95%
		3*	7.4	22.8	0	85%			3	7.7	22.5	0	89%			3	8.0	22.1	0	92%
		4	-	-	-	-			4	7.8	22.5	0	89%			4	8.2	22.1	0	93%
		5	-	-	-	-	5	-	-	-	-	5	-	-	-	-				
	PM  *short cable	0	7.4	23.2	0	87%	footbridge	14:40	0	7.8	23.0	0	91%	from footbridge	14:30	0	8.4	23.2	0	98%
		1	7.2	23.1	0	84%			1	7.3	23.0	0	85%			1	8.3	23.1	0	96%
		2	7.2	23.1	0	84%			2	7.3	22.8	0	85%			2	8.5	22.9	0	99%
		3*	7.2	23.0	0	84%			3	7.3	22.8	0	85%			3	8.1	22.6	0	94%
4		-	-	-	-	4			-	-	-	-	4			8.0	22.5	0	92%	
5	-	-	-	-	5	-	-	-	-	5	-	-	-	-						
K10  team 3	07:50	0	7.9	22.5	0	91%	K10  team 3	07:40	0	8.5	22.7	0	99%	K10  team 3	7:40	0	8.8	22.2	0	101%
		1	7.9	22.5	0	91%			1	8.5	22.7	0	99%			1	8.8	22.2	0	101%
		2.5	7.9	22.5	0	91%			2	8.5	22.7	0	99%			2	8.8	22.2	0	101%
		-	-	-	-	-			3	8.5	22.7	0	99%			3	8.8	22.2	0	101%
		-	-	-	-	-			4	8.5	22.7	0	99%			-	-	-	-	-
	15:30	0	8.8	23.7	0	104%	15:10	0	9.2	23.2	0	108%	15:08	0	9.3	23.1	0	109%		
		1	8.8	23.7	0	104%		1	9.2	23.2	0	108%		1	9.3	23.1	0	109%		
		2	8.8	23.7	0	104%		2	9.2	23.2	0	108%		S=3*	2	9.3	23.1	0	109%	
		3	8.8	23.7	0	104%		3	9.3	23.2	0	109%			3	9.3	23.1	0	109%	
		-	-	-	-	-		-	-	-	-	-			-	-	-	-		
K11  team 3	07:30	0	7.9	22.7	0	92%	K11  team 3	07:27	0	8.3	22.4	0	96%	K11  team 3	07:25	0	8.7	22.0	0	100%
		1	7.9	22.7	0	92%			1	8.3	22.5	0	96%			1	8.7	22.0	0	100%
		2	7.9	22.7	0	92%			2	8.3	22.5	0	96%			2	8.7	22.0	0	100%
		3	7.9	22.7	0	92%			3	8.3	22.5	0	96%			3	8.7	22.0	0	100%
		4	-	-	-	-			4	-	-	-	-			4	-	-	-	-
	15:15	0	8.6	23.6	0	101%	14:45	0	9.3	23.3	0	109%	15:00	0	9.2	23.3	0	108%		
		1	8.6	23.6	0	101%		1	9.3	23.3	0	109%		1	9.2	23.3	0	108%		
		2	8.6	23.6	0	101%		2	9.3	23.3	0	109%		S=3*	2	9.3	23.3	0	109%	
		3	8.6	23.6	0	101%		3	9.3	23.3	0	109%			3	9.3	23.3	0	109%	
		-	-	-	-	-		-	-	-	-	-			-	-	-	-		

Date: 08/21/98		Depth	DO	Temp	Sal	% Sat
Station	Time					
K9  team 2	09:00	0	9.0	22.5	0	104%
		1	8.8	22.8	0	102%
		2	8.8	22.8	0	102%
		3	8.8	22.8	0	102%
		4	9.1	22.8	0	106%
5	9.0	22.8	0	105%		
from footbridge	14:12  *end of cable	0	8.0	22.3	0	92%
		1	8.4	22.2	0	96%
		2	8.1	22.2	0	93%
		3	8.3	22.3	0	95%
		4	8.2	22.3	0	94%
5*	8.4	22.3	0	97%		
K10  team 3	7:35	0	8.6	22.7	0	100%
		1	8.6	22.4	0	99%
		2	8.7	22.7	0	101%
		3	8.7	22.7	0	101%
		4	-	-	-	-
14:55	0	9.2	22.8	0	107%	
	1	9.2	22.8	0	107%	
	2	9.2	22.8	0	107%	
	3	-	-	-	-	
	-	-	-	-	-	
K11  team 3	07:25	0	8.6	22.4	0	99%
		1	8.6	22.4	0	99%
		2	8.6	22.4	0	99%
		3	8.6	22.4	0	99%
		4	8.6	22.4	0	99%
14:40	0	9.2	23.1	0	107%	
	1	9.2	23.1	0	107%	
	2	9.2	23.1	0	107%	
	3	9.2	23.1	0	107%	
	-	-	-	-	-	

S=secchi depth in meters  
\*river bottom

Kennebec River

Date: 08/18/98		Depth	DO	Temp	Sal	% Sat	Date: 08/19/98		Depth	DO	Temp	Sal	% Sat	Date: 08/20/98		Depth	DO	Temp	Sal	% Sat	Date: 08/21/98		Depth	DO	Temp	Sal	% Sat																							
Station	Time						Station	Time						Station	Time						Station	Time																												
K12 team 3	06:35	0	8.0	23.0	0	93%	K12 team 3	06:50	0	7.9	22.9	0	92%	K12 team 3	06:55	0	8.3	22.4	0	96%	K13 team 3	06:55	0	8.2	23.3	0	96%	K13 team 3	06:30	0	8.2	23.1	0	96%	K13 team 3	06:35	0	8.3	22.9	0	97%	K13 team 3	06:40	0	8.4	22.8	0	98%		
		1	8.0	23.0	0	93%			1	7.9	22.9	0	92%			1	8.3	22.5	0	96%			1	8.2	23.3	0	96%			1	8.3	22.9	0	97%			1	8.3	22.9	0	97%									
		2	8.0	23.0	0	93%			2	7.9	22.9	0	92%			2	8.3	22.5	0	96%			2	8.2	23.3	0	96%			2	8.3	23.0	0	97%			2	8.3	22.9	0	97%									
		3	8.0	23.0	0	93%			3	7.9	22.9	0	92%			3	8.3	22.5	0	96%			3	8.2	23.3	0	96%			3	8.4	22.9	0	98%			3	8.4	22.9	0	98%			3	8.3	22.9	0	97%		
		4	8.0	23.0	0	93%			4	7.9	22.9	0	92%			4	8.3	22.5	0	96%			4	8.2	23.3	0	96%			4	8.4	22.9	0	98%			4	8.4	22.9	0	98%			4	8.3	22.9	0	97%		
		5	8.0	23.0	0	93%			5	8.0	22.9	0	93%			5	8.3	22.5	0	96%			5	8.2	23.3	0	96%			5	8.4	22.9	0	98%			5	8.4	22.9	0	98%			5	8.3	22.9	0	97%		
		6	8.0	23.0	0	93%			6	8.0	22.9	0	93%			6	8.3	22.5	0	96%			6	8.2	23.3	0	96%			6	8.4	23.0	0	98%			6	8.4	23.0	0	98%			6	8.3	22.9	0	97%		
		6.5	8.0	23.0	0	93%			7	8.0	22.9	0	93%			7	8.3	22.5	0	96%			7	8.2	23.3	0	96%			7	8.4	23.0	0	98%			7	8.4	23.0	0	98%			7	8.3	22.9	0	97%		
	14:50	0	8.5	24.1	0	101%	14:20	0	8.6	23.3	0	101%	14:30	0	9.1	23.9	0	108%	14:15	0			8.6	24.4	0	103%	14:00			0	8.3	22.9	0	97%			14:10	0	8.7	24.1	0			104%	14:00	0	8.9	23.2	0	104%
	1	8.5	24.0	0	101%	1	8.6	23.3	0	101%	S=4.2	1	9.2	23.6	0	108%	1	8.7	23.9	0			103%	S=3.4	1	8.8	23.3			0	103%	1	8.9	23.0			0	104%												
	2	8.6	23.4	0	101%	2	8.6	23.3	0	101%		2	9.3	23.3	0	109%	2	8.3	23.0	0			97%		2	8.7	22.8			0	101%	2	8.8	22.7			0	102%												
	3	8.5	23.3	0	100%	3	8.6	23.2	0	101%		3	9.2	23.0	0	107%	3	8.2	22.9	0			95%		3	8.6	22.7			0	100%	3	8.7	22.6			0	101%												
	4	8.4	23.2	0	98%	4	8.6	23.1	0	100%		4	9.1	22.9	0	106%	4	8.2	22.9	0			95%		4	8.6	22.6			0	99%	4	8.6	22.6			0	99%												
	5	8.3	23.2	0	97%	5	8.5	23.1	0	99%		5	9.0	22.9	0	105%	5	8.2	22.9	0			95%		5	8.5	22.6			0	98%	5	8.6	22.5			0	99%												
	6	8.3	23.1	0	97%	6	8.4	23.0	0	98%		6	9.0	22.9	0	105%	6	8.2	22.9	0			95%		6	8.4	22.5			0	97%	6	8.6	22.5			0	99%												
7	8.3	23.1	0	97%	7	8.4	23.0	0	98%	7		9.0	22.9	0	105%	7	8.2	22.9	0	95%	7	8.4	22.5		0	97%	7	8.6	22.5	0	99%																			
8	8.3	23.1	0	97%	8	8.4	23.0	0	98%	8		9.0	22.9	0	105%	8	-	-	-	-	8	8.2	22.9		0	95%	8	8.4	22.5	0	97%	8	8.6	22.5	0	99%														

S=secchi depth in meters  
 \*river bottom

Kennebec River

Date: 08/18/98		Depth	DO	Temp	Sal	% Sat	Date: 08/19/98		Depth	DO	Temp	Sal	% Sat	Date: 08/20/98		Depth	DO	Temp	Sal	% Sat	Date: 08/21/98		Depth	DO	Temp	Sal	% Sat																																																														
Station	Time						Station	Time						Station	Time						Station	Time						Station	Time																																																												
KE1  team 4  LT=7:44 HT=12:29 LT=19:54	07:08  low	0	8.2	23.3	0	97%	KE1  team 4	07:27  mid ebb	0	7.8	22.8	0	91%	KE1  team 4	07:30  mid ebb	0	7.7	22.5	0	89%	KE1  team 4  LT=10:28 HT=15:13 LT=22:28	07:25  mid ebb	0	8.3	22.5	0	96%	07:25  mid ebb	1	8.3	22.6	0	96%	10:55	1	8.7	22.7	0	101%	low	2	8.6	22.8	0	100%	14:48	0	8.9	22.7	0	103%	high	1	8.8	22.7	0	102%	unstable calib.	2	8.8	22.7	0	102%	3	3	8.7	22.7	0	101%	4	4	8.6	22.7	0	100%	5	5	8.6	22.8	0	100%								
		1	8.2	23.3	0	96%			1	7.8	22.8	0	91%			1	7.5	22.4	0	86%			1	8.7	22.8	0	101%		1	8.7	22.8	0	101%		1	8.7	22.7	0	101%		1	8.7	22.8	0	101%																																												
		2	8.1	23.3	0	95%			2	7.8	22.9	0	91%			2	7.7	22.5	0	89%			2	8.3	22.8	0	96%		2	8.3	22.6	0	96%		2	8.3	22.6	0	96%		2	8.6	22.9	0	100%		2	8.6	22.9	0	101%		2	8.6	22.8	0	100%		2	8.6	22.8	0	100%		2	8.6	22.8	0	100%																				
		3	8.2	23.3	0	96%			3	7.8	22.9	0	91%			3	7.7	22.5	0	89%			3	8.2	22.8	0	95%		3	8.2	22.6	0	95%		3	8.2	22.6	0	95%		3	8.2	22.6	0	95%		3	8.2	22.6	0	95%		3	8.2	22.6	0	95%		3	8.2	22.6	0	95%		3	8.2	22.6	0	95%																				
	4	-	-	-	-	4	7.8	22.9	0	91%	4	7.7	22.5	0	89%	4	-	-	-	-			4	8.2	22.6	0	95%		4	8.2	22.6	0	95%		4	8.2	22.6	0	95%		4	8.2	22.6	0	95%		4	8.2	22.6	0	95%		4	8.2	22.6	0	95%		4	8.2	22.6	0	95%		4	8.2	22.6	0	95%																				
	5	-	-	-	-	5	8.3	22.8	0	96%	5	8.6	23.0	0	100%	5	-	-	-	-		5	8.7	22.7	0	101%	5	8.7	22.7	0	101%	5	8.7	22.7	0	101%	5	8.7	22.7	0	101%	5	8.7	22.7	0	101%	5	8.7	22.7	0	101%	5	8.7	22.7	0	101%	5	8.7	22.7	0	101%	5	8.7	22.7	0	101%																							
	1	8.4	23.4	0	99%	1	8.2	22.8	0	95%	1	8.6	22.9	0	100%	1	8.6	22.9	0	100%		1	8.7	22.8	0	100%	1	8.7	22.8	0	100%	1	8.7	22.8	0	100%	1	8.7	22.8	0	100%	1	8.7	22.8	0	100%	1	8.7	22.8	0	100%	1	8.7	22.8	0	100%																																	
	2	8.4	23.4	0	99%	2	8.2	22.8	0	95%	2	8.6	22.9	0	100%	2	8.6	22.9	0	100%		2	8.7	22.8	0	100%	2	8.7	22.8	0	100%	2	8.7	22.8	0	100%	2	8.7	22.8	0	100%	2	8.7	22.8	0	100%	2	8.7	22.8	0	100%	2	8.7	22.8	0	100%	2	8.7	22.8	0	100%																												
	3	8.4	23.4	0	98%	3	8.3	22.8	0	96%	3	8.6	22.9	0	100%	3	8.6	22.9	0	100%		3	8.6	22.8	0	100%	3	8.6	22.8	0	100%	3	8.6	22.8	0	100%	3	8.6	22.8	0	100%	3	8.6	22.8	0	100%	3	8.6	22.8	0	100%	3	8.6	22.8	0	100%	3	8.6	22.8	0	100%																												
	4	-	-	-	-	4	-	-	-	-	4	-	-	-	-	4	8.6	22.9	0	100%		4	-	-	-	-	4	8.6	22.8	0	100%	4	8.6	22.8	0	100%	4	8.6	22.8	0	100%	4	8.6	22.8	0	100%	4	8.6	22.8	0	100%	4	8.6	22.8	0	100%	4	8.6	22.8	0	100%																												
	5	-	-	-	-	5	-	-	-	-	5	-	-	-	-	5	-	-	-	-		5	8.6	22.8	0	100%	5	-	-	-	-	5	8.6	22.8	0	100%	5	8.6	22.8	0	100%	5	8.6	22.8	0	100%	5	8.6	22.8	0	100%	5	8.6	22.8	0	100%	5	8.6	22.8	0	100%																												
	14:37	0	8.6	23.2	0	101%	14:40	0	8.3	22.8	0	96%	14:55	0	8.5	23.0	0	99%	14:55	0		8.5	23.0	0	99%	14:55	0	8.5	23.0	0	99%	14:55	0	8.5	23.0	0	99%	14:55	0	8.5	23.0	0	99%	14:55	0	8.5	23.0	0	99%	14:55	0	8.5	23.0	0	99%	14:55	0	8.5	23.0	0	99%																												
	14:37  mid ebb	1	8.6	23.2	0	101%	1	8.2	22.8	0	95%	1	8.5	23.0	0	99%	1	8.5	23.0	0		99%	1	8.5	23.0	0	99%	1	8.5	23.0	0	99%	1	8.5	23.0	0	99%	1	8.5	23.0	0	99%	1	8.5	23.0	0	99%	1	8.5	23.0	0	99%	1	8.5	23.0	0	99%	1	8.5	23.0	0	99%																											
		2	8.6	23.2	0	101%	2	8.2	22.8	0	95%	2	8.5	23.0	0	99%	2	8.5	23.0	0		99%	2	8.5	23.0	0	99%	2	8.5	23.0	0	99%	2	8.5	23.0	0	99%	2	8.5	23.0	0	99%	2	8.5	23.0	0	99%	2	8.5	23.0	0	99%	2	8.5	23.0	0	99%																																
		3	8.5	23.1	0	99%	3	8.2	22.8	0	95%	3	8.5	23.0	0	99%	3	8.5	23.0	0		99%	3	8.5	23.0	0	99%	3	8.5	23.0	0	99%	3	8.5	23.0	0	99%	3	8.5	23.0	0	99%	3	8.5	23.0	0	99%	3	8.5	23.0	0	99%	3	8.5	23.0	0	99%																																
4		8.5	23.2	0	99%	4	8.2	22.8	0	95%	4	8.5	23.0	0	99%	4	8.5	23.0	0	99%	4	8.5	23.0	0	99%	4	8.5	23.0	0	99%	4	8.5	23.0	0	99%	4	8.5	23.0	0	99%	4	8.5	23.0	0	99%	4	8.5	23.0	0	99%																																							
5		8.5	23.1	0	99%	5	8.2	22.8	0	95%	5	8.5	23.0	0	99%	5	8.5	23.0	0	99%	5	8.5	23.0	0	99%	5	8.5	23.0	0	99%	5	8.5	23.0	0	99%	5	8.5	23.0	0	99%	5	8.5	23.0	0	99%																																												
KE2  team 4  LT=7:40 HT=12:50 LT=19:53	07:30  low	0	8.1	23.2	0	95%	KE2  team 4	07:55  low	0	7.8	22.6	0	90%	KE2  team 4	07:58  mid ebb	0	7.6	22.3	0	87%	KE2  team 4  LT=10:20 HT=15:28 LT=22:30	8:00+/-	0	7.9	22.3	0	91%	8:00+/-	1	7.9	22.4	0	91%	8:00+/-	1	7.9	22.4	0	91%	mid	2	7.8	22.4	0	90%	mid	2	7.8	22.4	0	90%	ebb	3	7.8	22.4	0	90%	ebb	3	7.8	22.4	0	90%	4	4	7.8	22.4	0	90%	4	4	7.8	22.4	0	90%	5	5	7.8	22.4	0	90%								
		1	8.1	23.2	0	94%			1	7.7	22.7	0	89%			1	7.6	22.3	0	87%			1	8.5	22.9	0	99%		1	8.5	22.9	0	99%		1	8.4	22.9	0	98%		1	8.4	22.9	0	98%																																												
		2	8.0	23.3	0	94%			2	7.7	22.7	0	89%			2	7.6	22.3	0	87%			2	8.5	22.9	0	99%		2	8.5	22.9	0	99%		2	8.3	22.9	0	97%		2	8.3	22.9	0	97%																																												
		3	8.0	23.3	0	94%			3	7.7	22.7	0	89%			3	7.6	22.4	0	88%			3	8.5	22.9	0	99%		3	8.5	22.9	0	99%		3	8.3	22.8	0	96%		3	8.3	22.8	0	96%																																												
		4	8.0	23.3	0	94%			4	-	-	-	-			4	-	-	-	-			4	8.5	22.9	0	99%		4	8.5	22.9	0	99%		4	8.2	22.8	0	95%		4	8.2	22.8	0	95%																																												
	5	-	-	-	-	5	-	-	-	-	5	-	-	-	-	5	8.5	22.9	0	99%		5	8.5	22.9	0	99%	5	-	-	-	-	5	-	-	-	-																																																					
	14:16	0	8.8	23.8	0	104%	14:20	0	8.7	23.2	0	102%	14:30	0	8.9	24.1	0	106%	14:30	0		8.9	24.1	0	106%	14:30	0	8.9	24.1	0	106%	14:30	0	8.9	24.1	0	106%																																																				
	14:16  near high	1	8.7	23.7	0	103%	1	8.7	23.3	0	102%	1	8.8	23.8	0	104%	1	8.8	23.8	0		104%	1	8.8	23.8	0	104%	1	8.8	23.8	0	104%	1	8.8	23.8	0	104%																																																				
		2	8.7	23.7	0	103%	2	8.7	23.3	0	102%	2	8.7	23.4	0	102%	2	8.7	23.4	0		102%	2	8.7	23.4	0	102%	2	8.7	23.4	0	102%																																																									
		3	8.7	23.7	0	103%	3	8.7	23.3	0	102%	3	8.6	23.2	0	101%	3	8.6	23.2	0		101%	3	8.6	23.2	0	101%	3	8.6	23.2	0	101%																																																									
		4	8.7	23.7	0	103%	4	8.7	23.3	0	102%	4	8.6	23.2	0	101%	4	8.6	23.2	0		101%	4	8.6	23.2	0	101%	4	8.6	23.2	0	101%																																																									
		5	8.7	23.7	0	103%	5	8.7	23.3	0	102%	5	8.5	23.2	0	99%	5	8.5	23.2	0		99%	5	8.5	23.2	0	99%	5	8.5	23.2	0	99%																																																									
	KE3  team 4  LT=7:05 HT=12:39 LT=19:18	08:00  near low	0	7.7	23.0	0	90%	KE3  team 4	08:20  low	0	7.6	22.1	0	87%	KE3  team 4	08:23  low	0	7.7	21.9	0		88%	KE3  team 4  LT=9:45 HT=15:17 LT=21:55	08:25	0	7.7	22.0	0	88%	08:25	1	7.7	22.1	0	88%	08:25	1	7.7	22.1	0	88%	near	2	7.7	22.1	0	88%	near	2	7.7	22.1	0	88%	low	3	7.7	22.1	0	88%	low	3	7.7	22.1	0	88%	4	4	7.7	22.1	0	88%	4	4	7.7	22.1	0	88%	5	5	7.6	22.1	0	87%	5	5	7.6	22.1	0	87

Kennebec River

Date: 08/18/98							Date: 08/19/98							Date: 08/20/98							Date: 08/21/98						
Station	Time	Depth	DO	Temp	Sal	% Sat	Station	Time	Depth	DO	Temp	Sal	% Sat	Station	Time	Depth	DO	Temp	Sal	% Sat	Station	Time	Depth	DO	Temp	Sal	% Sat
Sonde teams 4,5 LT=7:05 HT=12:39 LT=19:18	8:28	0	7.8	23.0	0	91%	Sonde teams 4,5	8:37	0	7.8	22.3	0	90%	Sonde teams 4,5	8:45	0	7.8	21.8	0	89%	Sonde teams 4,5 LT=9:45 HT=15:17 LT=21:55	8:42	0	7.8	22.1	0	89%
		1	7.8	23.0	0	91%			1	7.8	22.3	0	90%			1	7.7	21.9	0	88%			1	7.8	22.1	0	89%
		2	7.8	23.0	0	90%			2	7.8	22.3	0	90%			2	7.7	21.9	0	88%			2	7.8	22.2	0	90%
	10:24	0	7.7	23.7	0	91%	8:45	0	7.7	22.1	0	88%	9:20	0	7.4	22.0	0	85%	9:30	0		7.6	22.2	0	87%		
		1	7.7	23.4	0	90%		1	7.6	22.1	0	87%		1	7.4	22.0	0	85%		1		7.6	22.2	0	87%		
		2	7.7	23.4	0	90%		2	7.6	22.1	0	87%		2	7.4	22.0	0	85%		2		7.6	22.2	0	87%		
	11:00	0	7.7	23.7	0	91%	11:02	0	8.1	22.8	0	94%	11:30	0	7.9	22.7	0	92%	12:03	0		8.3	22.8	0	96%		
		1	7.7	23.5	0	91%		1	8.1	22.7	0	94%		1	7.8	22.5	0	90%		1		8.2	22.6	0	95%		
		2	7.7	23.4	0	90%		2	8.1	22.6	0	94%		2	7.7	22.4	0	89%		2		8.1	22.6	0	94%		
	13:28	0	8.2	24.4	0	98%	13:40	0	8.4	23.1	0	98%	13:33	0	8.5	22.9	0	99%	13:35	0		8.1	23.1	0	95%		
		1	8.2	24.4	0	98%		1	8.3	23.0	0	97%		1	8.4	22.8	0	98%		1		8.0	23.0	0	93%		
		2	8.2	24.3	0	98%		2	8.3	22.9	0	97%		2	8.4	22.7	0	97%		2		7.9	22.9	0	92%		
KE4 team 5 LT=6:44 HT=12:28 LT=18:57	09:40	0	7.7	23.4	0	90%	KE4 team 5	08:30	0	8.0	22.4	0	92%	KE4 team 5	09:09	0	7.5	22.1	0	86%	KE4 team 5 LT=9:24 HT=15:06 LT=21:34	09:18	0	7.8	22.5	0	90%
		1	7.7	23.4	0	90%			1	8.0	22.5	0	92%			1	7.5	22.1	0	86%			1	7.8	22.5	0	90%
		2	7.7	23.4	0	90%			2	7.9	22.4	0	91%			2	7.5	22.1	0	86%			1	7.8	22.4	0	90%
		3	7.7	23.4	0	90%			3	7.9	22.4	0	91%			3	7.5	22.1	0	86%			2	7.8	22.4	0	90%
		4	7.7	23.4	0	90%			4	7.9	22.4	0	91%			4	7.5	22.1	0	86%			3	7.8	22.4	0	90%
	11:09	0	7.7	23.8	0	91%	11:12	0	8.2	23.0	0	96%	11:37	0	8.0	22.8	0.0	93%	12:07	0		8.5	23.0	0	99%		
		1	7.7	23.6	0	91%		1	8.2	23.0	0	96%		1	7.9	22.8	0.0	92%		1		8.4	23.0	0	98%		
		2	7.6	23.6	0	90%		2	8.1	22.9	0	94%		2	7.9	22.7	0.0	92%		2		8.4	23.0	0	98%		
	near high	3	7.6	23.6	0	90%	mid flood	3	8.1	22.9	0	94%	mid flood	3	7.9	22.7	0.0	92%	mid flood	3		8.4	22.9	0	98%		
		4	7.6	23.6	0	90%		4	8.1	22.9	0	94%		4	7.8	22.7	0.0	90%		4		8.4	22.9	0	98%		
		5	7.6	23.6	0	90%		5	8.1	22.9	0	94%		5	7.9	22.7	0.0	92%		5		8.3	22.9	0	97%		
		5.5	7.6	23.6	0	90%		6	8.1	22.9	0	94%		6	-	-	-	-		6		-	-	-	-		
6		7.6	23.6	0	90%	6		8.1	22.9	0	94%	6		-	-	-	-	6		-	-	-	-				
KE5 team 5 LT=6:23 HT=12:17 LT=18:36	09:15	0	7.4	23.5	0	87%	KE5 team 5	08:03	0	8.1	23.2	0	95%	KE5 team 5	08:42	0	7.8	22.7	0	90%	KE5 team 5 LT=9:03 HT=14:55 LT=21:13	08:52	0	8.0	22.9	0	93%
		1	7.4	23.5	0	87%			1	8.1	23.2	0	95%			1	7.8	22.7	0	90%			1	7.9	22.9	0	92%
		2	7.4	23.5	0	87%			2	8.1	23.2	0	95%			2	7.8	22.7	0	90%			2	7.9	22.9	0	92%
		3	7.4	23.5	0	87%			3	8.0	23.2	0	94%			3	7.8	22.7	0	90%			3	7.9	22.9	0	92%
		4	7.4	23.5	0	87%			4	8.0	23.1	0	93%			4	7.8	22.7	0	90%			4	7.9	22.9	0	92%
		5	-	-	-	-			5	7.9	23.1	0	92%			5	7.8	22.7	0	90%			5	7.8	22.9	0	91%
		6	-	-	-	-			6	8.0	23.0	0	93%			5.5	7.7	22.6	0	89%			-	-	-	-	-
		7	-	-	-	-			7	8.0	23.1	0	93%			-	-	-	-	-			-	-	-	-	-
	8	-	-	-	-	8	8.0	23.1	0	93%	-	-	-	-	-	-	-	-	-	-							
	11:27	0	7.4	24.0	0	88%	11:30	0	7.8	23.0	0	91%	11:57	0	7.7	22.7	0	89%	12:23	0		8.2	22.7	0	95%		
		1	7.4	23.9	0	88%		1	7.8	23.0	0	91%		1	7.6	22.6	0	88%		1		8.2	22.6	0	95%		
		2	7.4	23.9	0	88%		2	7.7	23.0	0	90%		2	7.6	22.5	0	88%		2		8.1	22.6	0	94%		
3		7.4	23.9	0	88%	3		7.7	23.0	0	90%	3		7.5	22.5	0	87%	3		8.1	22.6	0	94%				
high	4	7.4	23.9	0	88%	mid flood	4	7.7	22.9	0	90%	mid flood	4	7.5	22.5	0	87%	mid flood	4	8.1	22.6	0	94%				
	5	7.3	23.9	0	87%		5	7.7	22.9	0	90%		5	7.5	22.5	0	87%		5	7.9	22.6	0	91%				
	6	-	-	-	-		6	7.7	23.0	0	90%		S=2.45	6	-	-	-		-	6	-	-	-	-			
	6	-	-	-	-		6	7.7	23.0	0	90%		6	-	-	-	-		6	-	-	-	-				

S=secchi depth in meters  
 \*river bottom



Kennebec River

Date: 08/18/98		Depth	DO	Temp	Sal	% Sat	Date: 08/19/98		Depth	DO	Temp	Sal	% Sat	Date: 08/20/98		Depth	DO	Temp	Sal	% Sat	Date: 08/21/98		Depth	DO	Temp	Sal	% Sat
Station	Time						Station	Time						Station	Time						Station	Time					
KE6 team 5	08:47 mid flood	0	7.2	23.9	0	85%	KE6 team 5	07:30 near low	0	7.7	23.0	0	90%	KE6 team 5	08:23 low	0	7.6	22.4	0	88%	KE6 team 5	08:30 low	0	7.9	22.5	0	91%
		1	7.2	23.9	0	85%			1	7.7	23.0	0	90%			1	7.6	22.4	0	88%			1	7.9	22.6	0	91%
		2	7.2	23.9	0	85%			2	7.7	23.0	0	90%			2	7.6	22.4	0	88%			2	7.8	22.6	0	90%
		3	7.2	23.9	0	85%			3	7.7	23.0	0	90%			3	7.6	22.4	0	88%			3	7.8	22.6	0	90%
		4	7.2	23.9	0	85%			4	7.7	23.0	0	90%			4	7.6	22.4	0	88%			4	7.8	22.6	0	90%
		5	7.1	23.9	0	84%			5	7.7	23.0	0	90%			5	7.5	22.4	0	86%			5	7.8	22.6	0	90%
		6	7.2	23.9	0	85%			6	7.7	23.0	0	90%			6	7.5	22.4	0	86%			6	7.8	22.6	0	90%
		7	7.2	23.9	0	85%			7	-	-	-	-			7	7.5	22.4	0	86%			7	7.8	22.5	0	90%
LT=5:40 HT=11:44 LT=17:53	11:46 high	0	7.5	24.2	0	89%	LT=6:39 HT=12:43 LT=18:51	11:50 high	0	7.7	23.5	0	91%	LT=7:32 HT=13:35 LT=19:43	12:24 high	0	7.6	23.1	0	89%	LT=8:20 HT=14:22 LT=20:30	12:41 mid flood	0	8.4	22.9	0	98%
		1	7.5	24.0	0	89%			1	7.7	23.5	0	91%			1	7.6	23.1	0	89%			1	8.4	22.9	0	98%
		2	7.4	24.0	0	88%			2	7.6	23.5	0	89%			2	7.5	23.1	0	88%			2	8.2	22.9	0	95%
		3	7.4	24.0	0	88%			3	7.6	23.5	0	89%			3	7.5	23.1	0	88%			3	8.2	22.9	0	95%
		4	7.3	24.0	0	87%			4	7.6	23.5	0	89%			4	7.5	23.1	0	88%			4	8.2	22.9	0	95%
		5	7.3	24.0	0	87%			5	7.6	23.5	0	89%			5	7.5	23.1	0	88%			5	8.2	22.9	0	95%
		6	7.3	24.0	0	87%			6	7.6	23.5	0	89%			6	7.5	23.1	0	88%			6	8.2	22.9	0	95%
		7	7.3	24.0	0	87%			7	7.6	23.5	0	89%			7	7.5	23.1	0	88%			7	8.2	22.9	0	95%
KE7 team 5	07:53 mid flood	0	7.5	23.6	0.2	89%	KE7 team 5	06:53 near low	0	7.5	23.5	0.0	88%	KE7 team 5	07:45 low	0	7.3	23.0	0.0	85%	KE7 team 5	07:45 low	0	7.6	22.9	0.1	88%
		1	7.5	23.6	0.2	89%			1	7.5	23.5	0.0	88%			1	7.3	23.0	0.0	85%			1	7.6	22.9	0.1	88%
		2	7.5	23.6	0.2	89%			2	7.5	23.4	0.0	88%			2	7.3	23.0	0.1	85%			2	7.6	22.9	0.1	88%
		3	7.5	23.6	0.2	89%			3	7.4	23.4	0.1	87%			3	7.2	23.0	0.1	84%			3	7.5	22.9	0.1	87%
		4	7.5	23.6	0.2	89%			4	7.4	23.4	0.1	87%			4	7.2	22.9	0.1	84%			4	7.5	22.9	0.1	87%
		5	7.4	23.6	0.2	87%			5	7.4	23.4	0.1	87%			5	7.2	22.9	0.1	84%			5	7.5	22.9	0.1	87%
		6	7.5	23.6	0.2	89%			6	7.4	23.4	0.1	87%			6	7.2	22.9	0.1	84%			6	7.5	22.9	0.1	87%
		7	7.5	23.6	0.2	89%			7	7.4	23.4	0.1	87%			7	7.2	22.9	0.1	84%			7	7.5	22.9	0.1	87%
		8	7.5	23.6	0.2	89%			8	7.4	23.4	0.1	87%			8	7.2	22.9	0.1	84%			8	7.5	22.9	0.1	87%
		9	7.5	23.6	0.2	89%			9	7.4	23.5	0.1	87%			9	7.1	22.9	0.1	83%			9	7.5	22.9	0.1	87%
		10	7.5	23.6	0.2	89%			10	7.4	23.5	0.1	87%			10	7.1	22.9	0.1	83%			10	7.5	22.9	0.1	87%
		11	7.5	23.6	0.3	89%			11	-	-	-	-			11	7.1	22.9	0.1	83%			11	7.5	22.9	0.1	87%
		12	7.5	23.6	0.3	89%			12	-	-	-	-			12	7.1	22.9	0.1	83%			12	7.5	22.9	0.1	87%
		13	7.6	23.6	0.3	90%			13	-	-	-	-			13	7.0	22.8	0.1	81%			13	-	-	-	-
14	7.6	23.6	0.3	90%	14	-	-	-	-	14	-	-	-	-	14	-	-	-	-								
LT=5:12 HT=11:20 LT=17:25	13:36 mid ebb	0	7.8	23.7	0.7	93%	LT=6:11 HT=12:19 LT=18:23	12:18 high	0	7.9	23.2	0.9	93%	LT=7:04 HT=13:11 LT=19:15	12:55 S=1.3 high	0	7.5	23.0	0.9	88%	LT=7:52 HT=13:58 LT=20:02	13:08 high	0	8.1	23.0	0.8	95%
		1	7.8	23.6	0.7	92%			1	7.8	23.2	0.9	92%			1	7.5	23.0	0.9	88%			1	8.1	23.0	0.8	95%
		2	7.7	23.6	0.7	91%			2	7.7	23.2	0.9	91%			2	7.4	22.9	0.9	87%			2	8.0	23.0	0.8	94%
		3	7.9	23.8	0.7	94%			3	7.7	23.1	0.9	90%			3	7.4	22.9	1.0	87%			3	8.0	23.0	0.8	94%
		4	7.7	23.6	0.7	91%			4	7.7	23.1	0.9	90%			4	7.4	22.9	0.9	87%			4	7.9	23.0	0.9	93%
		5	7.7	23.6	0.7	91%			5	7.7	23.1	1.0	90%			5	7.4	22.9	1.0	87%			5	7.9	23.0	0.9	93%
		6	7.8	23.7	0.6	92%			6	7.7	23.1	1.0	90%			6	7.4	22.9	1.0	87%			6	7.9	23.0	0.9	93%
		7	7.8	23.7	0.6	92%			7	7.7	23.1	1.0	90%			7	7.4	22.9	1.0	87%			7	7.9	23.0	0.9	93%
		8	7.8	23.7	0.6	92%			8	7.7	23.1	1.0	90%			8	7.4	22.9	1.0	87%			8	7.9	23.0	0.9	93%
		9	7.7	23.7	0.6	91%			9	7.7	23.1	1.0	90%			9	7.4	22.9	1.0	87%			9	7.9	23.0	1.0	93%
		10	7.8	23.7	0.6	92%			10	7.7	23.1	1.0	90%			10	7.4	22.9	1.0	87%			10	7.9	23.0	1.0	93%
		11	7.8	23.7	0.6	92%			11	7.7	23.1	1.0	90%			11	7.4	22.9	1.0	87%			11	7.9	23.0	1.0	93%
		12	7.8	23.7	0.6	92%			12	7.7	23.1	1.0	90%			12	7.4	22.9	1.0	87%			12	7.9	23.0	1.0	93%
		13	7.6	23.7	0.5	90%			12.5	7.6	23.1	1.0	89%			13	7.3	22.9	1.0	85%			13	7.9	23.0	1.0	93%
14	7.7	23.8	0.5	91%	-	-	-	-	-	14	-	-	-	-	14	7.9	23.0	1.0	93%								
15	-	-	-	-	-	-	-	-	-	15	-	-	-	-	15	7.9	23.0	1.0	93%								
16	-	-	-	-	-	-	-	-	-	16	-	-	-	-	15.5	7.9	23.0	1.0	93%								

S=secchi depth in meters  
\*river bottom

Kennebec River

Date: 08/18/98		Depth	DO	Temp	Sal	% Sat	Date: 08/19/98		Depth	DO	Temp	Sal	% Sat	Date: 08/20/98		Depth	DO	Temp	Sal	% Sat
Station	Time						Station	Time						Station	Time					
SY	07:35	0	8.0	23.4	0	94%	SY	08:10	0	8.2	22.3	0	94%	SY	08:10	0	8.4	21.7	0	96%
team A	14:20	0	8.7	24.8	0	105%	team A	14:35	0	8.5	24.2	0	102%	team A	14:30	0	8.6	24.2	0	103%
WT	08:30	0	8.0	21.4	0	90%	WT	09:05	0	8.8	19.0	0	95%	WT	09:25	0	9.3	17.3	0	97%
team A	16:00	0	8.2	24.9	0	99%	team A	16:20	0	8.5	23.3	0	99%	team A	16:05	0	8.7	23.4	0	102%
CT	06:50	0	8.2	21.0	0	92%	CT	06:31	0	8.9	17.8	0	94%	CT	06:57	0	9.0	17.3	0	93%
team 1		0.3	8.2	21.0	0	92%	team 1		0.5	8.9	17.8	0	94%	team 1		0.5	9.0	17.3	0	93%
	14:23	0	8.9	25.7	0	109%		16:15	0	9.1	24.0	0	108%		16:21	0	9.0	24.6	0	108%
		0.3	8.9	25.7	0	109%			0.5	9.1	24.0	0	109%			-	-	-	-	-
SK	06:15	0	7.6	24.0	0	90%	SK	08:00	0	7.8	23.6	0	91%	SK	08:00	0	7.8	23.8	0	92%
team B	15:12	0	8.4	24.9	0	101%	team B	14:45	0	8.3	24.5	0	100%	team B	15:07	0	8.8	24.8	0	106%
ME	07:42	0	7.6	23.8	0	90%	ME	07:30	0	7.5	23.0	0	87%	ME	07:25	0	7.7	22.1	0	88%
team B	14:50	0	8.2	25.0	0	99%	team B	14:27	0	8.4	24.0	0	99%	team B	14:51	0	8.4	23.9	0	100%
CB	08:07	0	7.8	24.1	0	93%	CB	05:49	0	7.5	23.0	0	87%	CB	06:17	0	7.6	22.1	0	87%
team B	14:05	0	8.1	26.1	0	100%	team B	13:43	0	8.0	24.9	0	97%	team B	15:55	0	8.2	24.9	0	99%

Date: 08/21/98		Depth	DO	Temp	Sal	% Sat
Station	Time					
SY	08:25	0	8.9	22.0	0	102%
team A	13:15	0	8.9	22.7	0	103%
WT	06:45	0	8.8	20.2	0	97%
team A	14:55	0	9.0	22.7	0	104%
CT	06:41	0	8.4	19.8	0	92%
team 1		-	-	-	-	-
	14:45	0	9.5	22.2	0	109%
		-	-	-	-	-
SK	06:28	0	7.0	23.2	0	82%
team B	13:52	0	7.5	23.5	0	88%
ME	06:58	0	7.8	22.2	0	90%
team B	13:31	0	8.3	23.0	0	96%
CB	07:54	0	7.7	22.9	0	89%
team B	15:48	0	8.0	23.9	0	95%

S=secchi depth in meters  
 \*river bottom

KENNEBEC 1998

River Stations

DEP STP

Station	Date	time	Secchi m	Bacteria #/100 ml	TKN mg/l	NH3 mg/l	NOx mg/l	TP ppb	PO4 ppb	Chl-a ppb	BOD5 mg/l	BOD5 mg/l	TBOD mg/l	NBOD mg/l	CBOD mg/l	final NOx
K1	8/19/98	7:00	-	14.0	0.12	0.02	0.1	7	1	0.54	-	-	3.2	0.39	2.8	0.19
	8/20/98	7:15	-	14.0	0.19	<.01	0.09	6	1	1.01	-	-	2.9	0.35	2.6	0.17
	8/21/98	7:30	-	10.0	0.11	<.01	0.09	6	<1	-	-	-	2.5	0.39	2.1	0.18
K2	8/20/98	-	2.2B	-	-	-	-	-	-	-	-	-	-	-	-	-
K3	8/19/98	7:55	-	30.0	0.11	0.02	0.11	23	11	1.32	-	-	3.7	0.65	3.1	0.26
	8/20/98	8:19	5.19	12.0	0.12	0.01	0.1	29	14	0.94	-	-	2.7	0.48	2.2	0.21
	8/21/98	7:45	-	16.0	0.26	0.01	0.11	27	13	1.14	-	-	2.6	0.35	2.3	0.19
K4	8/19/98	8:45	-	-	-	-	-	-	-	1.23	-	-	-	-	-	-
	8/20/98	8:55	-	-	-	-	-	-	-	1.57	-	-	-	-	-	-
	8/21/98	8:55	-	-	-	-	-	-	-	0.98	-	-	-	-	-	-
K5	8/19/98	7:09	-	30	0.38	0.02	0.11	24	12	1.22	-	-	3.8	0.61	3.2	0.25
	8/20/98	7:37	3.54B	34	0.18	0.01	0.11	24	10	2.08	-	-	2.8	0.39	2.4	0.2
	8/21/98	7:07	-	42	0.26	0.01	0.11	25	13	0.64	-	-	3.5	0.56	2.9	0.24
K7	8/19/98	7:41	-	<2	0.36	0.04	0.11	46	29	2.44	-	-	6.2	1.30	4.9	0.41
	8/20/98	7:30	2.53	4	<.10	0.04	0.11	46	30	1.71	-	-	3.7	0.78	2.9	0.29
	8/21/98	7:15	-	2	0.38	0.03	0.11	42	26	1.48	-	-	5.5	0.78	4.7	0.29
	lab dupe	-	-	-	-	-	-	-	-	-	-	-	4.5	0.65	3.9	0.26
K8	8/19/98	9:00	-	18	0.29	0.02	0.12	41	27	1.58	-	-	3.5	0.65	2.9	0.27
	dupe	9:00	-	8	0.11	0.03	0.12	41	27	1.49	-	-	3.2	0.52	2.7	0.24
	8/20/98	8:25	2.58B	12	<.1	0.03	0.12	42	27	1.62	-	-	3.1	0.35	2.8	0.2
	lab dupe	-	-	-	-	-	-	-	-	-	-	-	4.6	0.52	4.1	0.24
	8/21/98	8:15	-	12	0.35	0.03	-	42	26	1.81	-	-	4.2	J0.56	J3.6	0.25
lab dupe	-	-	-	-	-	-	-	-	-	-	-	4.5	J0.69	J3.8	0.28	
K10	8/19/98	7:40	-	250	0.33	0.02	0.13	42	26	3.92	-	-	>2.4	0.52	>1.9	0.25
	lab dupe	-	-	-	-	-	-	-	-	-	-	-	4.2	0.43	3.8	0.23
	lab dupe	-	-	-	-	-	-	-	-	-	-	-	4.4	0.52	3.9	0.25
	8/20/98	7:40	3.0B	J410	0.14	0.04	0.12	49	33	2.34	-	-	3.6	0.56	3.0	0.25
	dupe	7:51	-	130	0.16	0.04	0.12	48	31	2.19	-	-	4.4	0.43	4.0	0.22
	8/21/98	7:35	-	220	<.1	0.02	0.12	45	29	1.8	-	-	4.5	0.56	3.9	0.25
lab dupe	-	-	-	-	-	-	-	-	-	-	-	3.9	0.48	3.4	0.23	
K11	8/20/98	-	3.0B	-	-	-	-	-	-	-	-	-	-	-	-	-
K12	8/19/98	6:50	-	78	0.24	0.03	0.13	41	24	3.5	-	-	2.3	0.65	1.7	0.28
	8/20/98	6:55	4.2	160	<.1	0.02	0.13	41	21	2.79	-	-	5.3	1.08	4.2	0.38
	8/21/98	7:00	-	150	0.41	0.02	0.12	43	27	2.55	-	-	4.3	0.65	3.7	0.27
K13	8/20/98	-	3.4	-	-	-	-	-	-	-	-	-	-	-	-	-

B=depth to bottom

J=estimated

A7

# KENNEBEC 1998

Estuary Stations

DEP STP

Station	Date	time	Secchi m	Bacteria #/100 ml	TKN mg/l	NH3 mg/l	NOx mg/l	TP ppb	PO4 ppb	Chl-a ppb	BOD5 mg/l	BOD5 mg/l	TBOD mg/l	NBOD mg/l	CBOD mg/l	final NOx
KE1	8/19/98	7:27	-	100	0.14	0.02	0.13	41	22	3.29	-	-	3.2	0.43	2.8	0.23
	8/20/98	7:30	3.2	70	<.1	0.01	0.14	39	21	4.07	-	-	3.7	0.56	3.1	0.27
	lab dupe	-	-	-	-	-	-	-	-	-	-	-	3.4	0.52	2.9	0.26
	8/21/98 dupe	7:25 7:40	- -	180 160	0.31 0.34	0.01 0.02	0.12 0.12	41 44	22 22	4.01 4.23	- -	- -	3.6 3.9	0.65 0.56	3.0 3.3	0.27 0.25
KE3	8/19/98	8:20	-	46	0.11	0.02	0.12	40	22	4.58	-	-	3.4	0.56	2.8	0.25
	8/20/98	8:23	3.3	52	<.1	0.02	0.14	41	22	4.86	-	-	4.9	0.43	4.5	0.24
	8/21/98	8:25	-	82	0.44	0.02	0.13	40	24	5.2	-	-	4.1	0.61	3.5	0.27
KE5	8/19/98	8:03	-	18	0.27	0.02	0.13	44	22	5.53	-	-	3.9	0.69	3.2	0.29
	8/20/98	8:42	2.45	26	<.1	<.01	0.12	41	18	7.19	-	-	5.3	0.61	4.7	0.26
	8/21/98	8:52	-	20	0.25	0.01	0.13	41	20	5.97	-	-	4.4	0.61	3.8	0.27
KE7	8/19/98	6:53	-	18.0	0.25	0.01	0.11	53	12	17.47	-	-	5.2	0.82	4.4	0.3
	(8/18/98)	13:36	-	-	0.23	0.01	0.02	51	<1	30.32	-	-	5.9	0.95	4.9	0.24
	lab dupe	-	-	-	-	-	-	-	-	-	-	-	5.9	1.04	4.9	0.26
	8/20/98	7:45	1.3	10	0.13	0.01	0.1	55	6	23.02	-	-	5.1	0.74	4.4	0.27
	(8/19/98)	12:18	-	-	<.1	0.02	0.03	48	<1	1.19	-	-	6.8	1.17	5.6	0.3
	8/21/98	7:45	-	8	0.54	0.01	0.08	58	10	26.4	-	-	6.1	1.08	5.0	0.33
(8/20/98)	12:55	-	-	0.26	0.02	0.03	44	1	21.39	-	-	5.5	0.82	4.7	0.22	
lab dupe	-	-	-	-	-	-	-	-	-	-	-	6.6	0.87	5.7	0.23	

A8

# KENNEBEC 1998

## Tributary Stations

DEP STP

Station	Date	time	Secchi m	Bacteria #/100 ml	TKN mg/l	NH3 mg/l	NOx mg/l	TP ppb	PO4 ppb	Chl-a ppb	BOD5 mg/l	BOD5 mg/l	TBOD mg/l	NBOD mg/l	CBOD mg/l	final NOx
SY	8/19/98	8:10	-	10	0.13	0.02	0.48	12	2	1.65	-	-	2.9	0.48	2.4	0.59
	dupe	8:15	-	16	<.1	0.02	0.5	13	2	1.87	-	-	2.9	0.39	2.5	0.59
	8/20/98	8:10	-	6	0.16	0.01	0.48	12	<1	1.59	-	-	2.8	0.26	2.5	0.54
	8/21/98	8:25	-	6	0.31	0.01	0.48	12	1	1.3	-	-	3.1	0.48	2.6	0.59
WT	8/19/98	9:05	-	64	2.6	0.01	0.04	10	1	1.22	-	-	3.5	0.69	2.8	0.2
	8/20/98	9:25	-	78	0.15	0.01	0.04	10	<1	1.01	-	-	2.8	0.43	2.4	0.14
	8/21/98	6:45	-	94	0.33	0.01	0.04	9	<1	0.99	-	-	3.4	0.56	2.8	0.17
CT	8/20/98	6:57	-	40	0.27	0.01	0.02	15	<1	1.41	-	-	6.5	0.78	5.7	0.2
	dupe	6:57	-	32	0.22	0.01	0.02	16	<1	1.19	-	-	4.3	0.48	3.8	0.13
SK	8/19/98	8:00	-	32	0.11	0.05	0.02	38	12	4.9	-	-	5.1	0.78	4.3	0.2
	8/20/98	8:00	-	22	0.44	0.03	0.01	40	7	3.96	-	-	6.2	0.87	5.3	0.21
	8/21/98	6:28	-	20	0.55	0.05	0.02	40	11	4.31	-	-	5.7	1.00	4.7	0.25
	dupe	6:28	-	8	0.6	0.05	0.02	42	12	7.17	-	-	5.8	1.26	4.5	0.31
	lab dupe	-	-	-	-	-	-	-	-	-	-	-	6.1	1.13	5.0	0.28
ME	8/19/98	7:30	-	400	7.4	0.03	0.04	20	2	3.79	-	-	4.5	0.69	3.8	0.2
	8/20/98	7:25	-	J240	0.17	0.02	0.04	18	<1	3.25	-	-	3.7	0.61	3.1	0.18
	8/21/98	6:58	-	210	0.16	0.02	0.04	17	<1	3.1	-	-	4.6	0.61	4.0	0.18
CB	8/19/98	5:49	-	10	0.26	0.03	0.06	23	7	3.06	-	-	5.0	0.69	4.3	0.22
	8/20/98	6:17	-	18	0.17	0.02	0.08	22	6	1.77	-	-	5.0	0.52	4.5	0.2
	8/21/98	7:54	-	12	0.43	0.02	0.06	22	8	2.04	-	-	4.7	0.69	4.0	0.22

J=estimated

# KENNEBEC 1998

Effluents

DEP STP

Station	Date	time	Secchi m	Bacteria #/100 ml	TKN* mg/l	NH3 mg/l	NOx mg/l	TP ppb	PO4 ppb	Chl-a ppb	BOD5 mg/l	BOD5 mg/l	TBOD mg/l	NBOD mg/l	CBOD mg/l	final NOx
MAD	8/18/98	comp.	-	-	7.9	4.3	0.02	14000	13000	9.52	42.6	35.8	J175	J48	J126	J11.2
	dupe	comp.	-	-	7.2	4.3	0.01	14000	13000	2.24	40.4	-	J139	J44	J94	J10.2
	8/19/98	comp.	-	-	6.3	4.9	<.1	14000	13000	21.51	44.4	30.4	J142	J42	J100	J9.8
	8/20/98	comp.	-	-	6.5	5.7	0.02	15000	14000	4.01	36.1	29.4	130	35	95	8.1
NORR	8/19/98	comp.	-	-	7.3	14.0	0.5	2400	2100	-	5.7	6 (18th)	84	71	13	16.8
SKOW	8/18/98	comp.	-	-	3.1	2.6	1.2	3200	2900	-	10.4	-	62	58	4	14.5
	8/19/98	comp.	-	-	1.6	1.2	1.4	640	530	-	2.9	8	25	7	18	3.1
	8/20/98	comp.	-	-	1.7	0.99	2.8	540	410	-	3.3	4	18	5	13	3.9
SDW	8/18/98	comp.	-	-	3.7	1.8	0.2	1800	1500	2.61	12.6	14.0	69	14	55	3.45
	8/19/98	comp.	-	-	3.1	2.1	0.3	1900	1500	6.36	10.8	14.5	66	18	49	4.4
	dupe	comp.	-	-	2	2.1	0.2	1900	1500	4.46	11.6	-	66	18	48	4.3
8/20/98	comp.	-	-	3.7	1.8	0.2	1700	1300	5.13	12.6	14.0	74	15	59	3.6	
KSTD	8/18/98	comp.	-	-	5.8	5.2	0.1	1600	1100	-	15.0	15	58	33	25	7.63
	8/19/98	comp.	-	-	5.1	5.5	0.02	990	600	-	9.3	12	57	30	27	7.0
	8/20/98	comp.	-	-	7	5.6	0.12	1500	1100	-	9.3	11	62	37	24	8.7
AUG	8/18/98	grab	-	-	8.8	8.7	2.0	1100	680	-	15.6	6**	93	48	45	13.1
	8/19/98	comp.	-	-	-	J10	3.1	1400	970	-	17.2	7**	84	50	34	14.7
	8/20/98	comp.	-	-	10	8.1	3.1	1400	980	-	14.6	7**	89	41	48	12.6
	dupe	comp.	-	-	9.8	8.1	3.1	1300	980	-	14.9	-	75	37	38	11.6
GARD	8/18/98	comp.	-	-	9.4	6.9	1.9	3500	2900	-	19.7	21	110	39	72	10.8
	8/19/98	comp.	-	-	7.5	3.6	2.2	2700	2300	-	29.3	24	109	30	78	9.2
	8/20/98	comp.	-	-	5	3.4	0.36	2000	1600	-	19.7	14	101	28	72	6.9
RICH	8/19/98	comp.	-	-	1.6	J.1	26	4000	3400	-	4.5	13(20th)	18	0	18	25.1

J=estimated \*testing by another lab, results are inconsistent \*\*CBOD5