

Date 10-1-00 Time _____

FF # 1

Observers C. FENTON

Staff Plate 0.24 @ 14:00

Boom Depth _____ Cable Mark _____

Time Boom Lifted _____ Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged _____
 Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time _____ stage _____ med_turb _____ ^{batt.} nxt ~~iscp~~ _____
 dump_cnt _____ bat_volt _____ disch _____
 stg_off _____ turb_off _____ temp _____ rain/season _____

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____
 DI Bottle # _____ AUX Bottle # _____

Data Dump

@ 13:26

CAN'T GET TO NUMERIC TO RESET DUMP #

Filename FT 00 08 21.242

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments 1) Clean brush away from enclosure/boom
2) Set PC clock to PST - for winter 1 hr before today's
2) Set Datalogger clock to match PC 10/01/00 13:21:00 TIME
3) Checked downloaded data - NOT THE SAME ARRAY
STARTS 002 - over 20 comma delimited points

Supplies Needed _____

HY ~~2001~~ 2001

Freshwater Creek: Station FTR

Date 10-8-00

Time _____

FF# 2

Observers C.F.

Staff Plate 0-24' @ 12:46

Boom Depth _____ Cable Mark BOOM OUT OF WATER

Time Boom Lifted _____ Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged _____
 Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time _____ stage _____ med_turb _____ bott.
 dump_cnt _____ bat_volt _____ disch _____ nxt_1990
 stg_off _____ turb_off _____ temp _____ rain/season _____
 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____
 DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____
 Bottle Numbers: Removed _____ Missing _____
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Bring 57 clean ISCO bottles - No
numeric DISPLAY - Clean Tipping Rain
Gauge housing and buckets.

Supplies Needed Forms + DIS bottles

Freshwater Creek: Station FTR

Date 10-14-00 Time _____ FF # 3
 Observers C.F. R.E. Staff Plate 0.26 @ 12:53
 Boom Depth _____ Cable Mark _____ BOOM LEFT IN AIR
 Time Boom Lifted _____ Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged _____
 Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 12:53 stage 0.27176 med_turb 12.00 nxt_isc0 1.0
 dump_cnt 1.0 bat_volt 12.939 disch 8.4019
 stg_off -0.0950 turb_off 0.00 w temp 12.135 rain/season 0.0
 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____
 DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename FT 00 10 01.dat @ 8:55
 Bottle Numbers: Removed _____ Missing _____
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Rand attaches OBS-3 Clark runs

bleach tap + tap water thru isco line

Rand resets datalogger memory re-attach lines on boom

Dump old calib files + Hs v2.7 install Hs 3.1 + new calib

Calib + verify Thermistor/Temp Probe - Calib

Successok. Rand will bring new manual out

boom + probe left in air ID #'s on bottles

TEMP
STAGE
RAIN GAUGE

Supplies Needed _____

HACH 2100A #22431
 TURBIDITY 0.66 NTU

HY ~~2000~~ 2001

Freshwater Creek: Station FTR

Date 10-19-00

Time _____

FF # 4

Observers C.F.

Staff Plate 0.25 @ 18:46

Boom Depth _____ Cable Mark _____

Time Boom Lifted _____ Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged _____
 Next ISCO Sample # 01 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 18:47 stage 0.21188 med_turb 12.000 nxt both
 dump_cnt 1.00 bat_volt 12.715 disch 5.5393 rain/season 0.00
 stg_off -0.2950 turb_off 0.0 temp 13.404 DAILY 0.00
 Data Logger Clock Reset: No Yes 15 0.00

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____
 DI Bottle # _____ AUX Bottle # _____

Data Dump


Filename _____
 Bottle Numbers: Removed _____ Missing _____
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes


Comments ^{#02431} HACH 2100P TURBIDITY - GRAB @ BOOM C.F. 0.58 NTU
 Staff Plate 0.26 @ 15:16 10-16-00 - DATA LOGGER 0.2345'

¹⁰⁻¹⁶⁻⁰⁰ HACH 2100P #02431 GRAB 0.79 NTU ADJUSTED 14.000 NTU

¹⁰⁻¹⁹⁻⁰⁰ BOOM SD T- PROBE 2" ABOVE WATER. WILL CHANGE TURBIDITY OFFSET TO -11.0. RAIN EXPECTED TOMMOROW TURBIDITY GOES TO 1.000 NEXT WAKE-UP 2" OF WATER DEPTH

Supplies Needed BROUGHT NEW FIELD FORMS

Site (xxx)	FTR	TTS FIELD FORM  DEFAULT VALUES ARCHIVE PASSWORD	RETRIEVE DUMP RECORD
Hydro Year	2001		FIND DUMP RECORD
Data Dump (1/3)	1		NEXT DUMP
Data Logger	X14856		PREVIOUS DUMP
TTS Program Revision	3.1		FIELD FORM PAGE
Pressure Transducer ID	875		CREATE TEXT FILE
min sig	0.4		CLOSE FORM
sig of	-0.2950		
sig mult	2.4122		
Probe ID Number	430		
turb off	-11.00		
turb mult	0.800		
ISCO ID Number	8		

Field Form Number	5	NEW FIELD FORM RECORD	Lock Base (Y/N)	Y
Date (mm/dd/yyyy)	10-21-00	NEXT FIELD FORM	Water In ISCO Base (Y/N)	N
Time of Start Plate Reading	11:16	PREVIOUS FIELD FORM	Data Dumped (Y/N)	N
Observers	C.F.		Probe Optic Cleaned (Y/N)	N
Electronic Stage (stage)	0.39743		Probe Debris Removed (Y/N)	N
Turbidity (mud) (mpt)	-4.000		Change in Beam Height	
Auxiliary Sample (Y/N)	N		Left Start Plate (1)	X
Depth Integrated Sample (Y/N)	N		Right Start Plate (1)	
Bottle (ISCO)	1		Inside Start Plate (1)	X
Ext. Pool (Campbell)	1		Stilling Well Cleared (Y/N)	X
Gal. Cal. ID Number	X		Fume Wick Cleared (Y/N)	X
12v Battery Voltage (bat. volt)	11.305		Left Start Plate (2)	X
Spare 12v Battery Voltage	X		Right Start Plate (2)	X
		Inside Start Plate (2)	X	

ISCO BOTTLE INFORMATION: Sample OK (O), Low Volume (L), High Volume (H), Discarded (X), Empty (E), Not Used (N)

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	


Notes: RAINFALL 15 MIN 0.0 DAILY 0.0 SEASON 0.59


HACH #22431 0.92 NTU - MAIN STREAM NO BOTTLES CHANGED

DUG CHANNEL FOR BOOM LOWERED INTO WATER @ 11:40 BOOM @ 0.1 CHANNEL BOTTOM 4" below OBS-3

Terry's Rain gauge ISCO INTAKE 1" below water surface 5" below ISCO INTAKE

OBS-3 2" ↓ surface

Site (cont.)	FTR	TTS FIELD FORM	RETRIEVE DUMP RECORD	
Hydro Year	2001		FIND DUMP RECORD	
Data Dump (Hz)	1		NEXT DUMP	
Data Logger	X14856		PREVIOUS DUMP	
TTS Program Revision	3.1		FIELD FORM PAGE	
Pressure Transducer ID	275		DEFAULT VALUES	
min. Stg.	0.4		ARCHIVE	
stg. of	-0.2950		PASSWORD	CREATE TEXT FILE
stg. mult.	0.4122			CLOSE FORM
T Probe ID Number	430			
turb. of	-11.000			
turb. mult.	0.800			
ISCO ID Number	8			

Field Form Number	6	NEW FIELD FORM RECORD	Block Reser (w/n)	Y
Date (mm/dd/yyyy)	10-24-00	NEXT FIELD FORM	Water in ISCO Base (w/n)	N
Time of Start Plate Reading	16:01	PREVIOUS FIELD FORM	Data Dumped (w/n)	N
Observer	O.F.		Probe Optic Cleaned (w/n)	N
Electronic Stage (stage)	0.24354		T Probe Debris Removed (w/n)	N
Turbidimeter (mV)	-8.000		Change in Ecom Field	N
Auxiliary Sample (w/n)	N		Left Start Plate (1)	X
Depth Integrated Sample (w/n)	N		Right Start Plate (1)	0.25
Bottle (ISCO)	1		Inside Start Plate (1)	X
nx po. (Campbell)	1		Sulling Well Cleared (w/n)	X
Cell Cell ID Number	X		Flume Well Cleared (w/n)	X
12v Battery Voltage (bat. volt)	15.123		Left Start Plate (2)	X
Spare 12v Battery Voltage	X		Right Start Plate (2)	X
		DUMP PAGE	Inside Start Plate (2)	X


ISCO BOTTLE INFORMATION: Sample OK (O), Low Volume (L), High Volume (H), Discarded (X), Empty (E), Not Used (N)


01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Notes: RAINFALL
 15 MIN 0.00
 DAILY 0.00
 SEASON 0.590

HACH # 22431 TURBIDITY @ probe 0.64 NTU
 PROBE IN WATER - CHANNEL OPEN

@ 17:37 Jesse began work in stream channel.
 19:01 work complete instruments back in water

Site (XXX)	FTR	<p>TTS FIELD FORM</p> 	RETRIEVE DUMP RECORD
Aydro. Cal. (ft)	2001		FIND DUMP RECORD
Data Dump (ft)	1		NEXT DUMP
Data Logger	X14856		PREVIOUS DUMP
FIS Program Revision	3.1		FIELD FORM PAGE
Pressure Transducer ID			CREATE TEXT FILE
min. Stg.	0.4		CLOSE FORM
stg. of	-0.295		
stg. mult.	.25115		
Probe ID Number	430		DEFAULT VALUES
turb. off	-11.0		ARCHIVE
turb. mult.			PASSWORD
ISCO ID Number			


Field Form Number	7	NEW FIELD FORM RECORD	Stock Reser. (Y/N)	No
Date (mm/dd/yyyy)	10/25/01	NEXT FIELD FORM	Water In ISCO Base (Y/N)	
Time of Start Plate Reading	15:34	PREVIOUS FIELD FORM	Data Dumped (Y/N)	No
Observers	JN		Probe Optic Cleaned (Y/N)	No
Electronic Stage (stage)	.25115		Probe Debris Removed (Y/N)	Yes
Probe ID Number	-2.00		Change in Eosm. Height	.5
Auxiliary Sample (Y/N)	Yes		Left Start Plate (1)	X
Depth Integrated Sample (Y/N)	No		Right Start Plate (1)	0.26
Bottle (ISCO)	1.0		Inside Start Plate (1)	X
Next bot. (Campbell)	1.0		Stilling Well Cleared (Y/N)	X
Cell Cell ID Number	X		Flume/Wier Cleared (Y/N)	X
12v Battery Voltage (bat. Volt)	14.984		Left Start Plate (2)	X
Spare 12v Battery Voltage	X		Right Start Plate (2)	X
		DUMP PAGE	Inside Start Plate (2)	X


ISCO BOTTLE INFORMATION: Sample OK (O), Low Volume (L), High Volume (H), Discarded (X), Empty (E), Not Used (N)

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Notes:

<p>RAINFALL 15 MIN 0.01 DAILY 0.18 SEASON 0.75</p>	<p>14:05 INSTRUMENTS out of water rain begins</p> <p>15:10 Placed instruments in water</p> <p>15:48 AUX Flagged bottle 01 pumped</p> <p>16:15 reading of 29. NTU IS DUE TO Stream work</p>
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Site (COO)	FTR		RETRIEVE DUMP RECORD
Hydro Year (Yr)	2001		FIND DUMP RECORD
Data Dump (Y/N)	1		NEXT DUMP
Data Logger	X14856		PREVIOUS DUMP
TTS Program Revision	3.1		FIELD FORM PAGE 5
Pressure Transducer ID	275		CREATE TEXT FILE
min sig	0.4		CLOSE FORM
sig off	-0.2950		
sig mult	9.4122		
T Probe ID Number	430		DEFAULT VALUES
turb off	-24.0		ARCHIVE
turb mult	0.800		PASSWORD
ISCO ID Number	8		

Field Form Number	8	NEW FIELD FORM RECORD	Block Resel (Y/N)	Y
Date (mm/dd/yyyy)	10-28-00	NEXT FIELD FORM	Water in ISCO Base (Y/N)	N
Time of Start Plate Reading	16:01	PREVIOUS FIELD FORM	Data Dumped (Y/N)	N
Observers	C.F.		T Probe Optic Cleaned (Y/N)	X
Electronic Stage (Stage)	0.500		T Probe Debris Removed (Y/N)	N
Turbidity max (ntu)	4.0		Change in Ecom Height	0.6 to 0.5
Auxiliary Sample (Y/N)	N		Left Start Plate (1)	X
Depth Integrated Sample (Y/N)	N		Right Start Plate (1)	0.50
Bottle (ISCO)	2		Inside Start Plate (1)	X
Oxypor (Campbell)	2		Sifting Well Cleaned (Y/N)	X
Gel Cell ID Number	X		Filter/Wire Cleaned (Y/N)	X
12V Battery Voltage (bat Volt)	15.100		Left Start Plate (2)	X
Spare 12V Battery Voltage	X		Right Start Plate (2)	X
		DUMP PAGE	Inside Start Plate (2)	X

ISCO BOTTLE INFORMATION: Sample OK (O), Low Volume (L), High Volume (H), Discarded (X), Empty (E), Not Used (N)

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	


Notes:

RAINFALL
 15 min 0.0
 DAILY 0.730
 SEASON 1.53
 0.48" Terry's Rain Gauge
 SOME FROM DAYS BEFORE

Changed Turb offset to -24
 @ 15:58
 HACH 4.91 NTU
 WAS 18 NTU @ -11.0
 Changed to -23.0 @ 16:02
 BOOH @ 0.5 2nd HACH SAMPLE

TRAINING 10-29-00 IN STREAM
 12:00 - 13:30


MED TURB WENT TO 4.23 NTU
 -14.00 so changed offset @ TO 0.00 TO GET 4.00 5.00 @ 16:30


Site (xxx):	FTR		RETRIEVE DUMP RECORD
Hydro Year (####):	2001		FIND DUMP RECORD
Data Dump (##):	1		NEXT DUMP
Data Logger:	X14856		PREVIOUS DUMP
TTS Program Revision:	3.1		FIELD FORM PAGE
Pressure Transducer ID #:	875		CREATE TEXT FILE
min_stg:	0.4		CLOSE FORM
stg_off:	-0.2950		
stg_mult:	2.4122		
T-Probe ID Number:	430		
turb_off:	0.000		
turb_mult:	0.800		
ISCO ID Number:	8		

Field Form Number:	9	NEW FIELD FORM RECORD	Clock Resel (y/n):	Y
Date (mm/dd/yyyy):	10-28-00	NEXT FIELD FORM:	Water in ISCO Base (y/n):	N
Time of Staff Plate Reading:	17:01	PREVIOUS FIELD FORM:	Data Dumped (y/n):	N
Observers:	C.F.		T-Probe Optics Cleaned (y/n):	Y
Electronic Stage [stage]:	0.32257		T-Probe Debris Removed (y/n):	N
Turbidity [med_turb]:	2.00		Change in Boom Height:	N 0.5
Auxiliary Sample (y/n):	N		Left Staff Plate [1]:	NA
Depth Integrated Sample (y/n):	N		Right Staff Plate [1]:	0.480
Bottle (ISCO):	3		Inside Staff Plate [1]:	NA
next_bot (Campbell):	3		Stilling Well Cleared (y/n):	NA
Cell Cell ID Number:	NA		Flume/Wier Cleared (y/n):	NA
12v Battery Voltage [bat_volt]:	12.084		Left Staff Plate [2]:	NA
Spare 12v Battery Voltage:	NA		Right Staff Plate [2]:	NA
		DUMP PAGE	Inside Staff Plate [2]:	NA

ISCO BOTTLE INFORMATION Sample OK (O) Low Volume (L) High Volume (H) Discarded (X) Empty (E) Not Used (N)																							
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Notes: BOOM CUT 16:55 cleaned - In 16:57
 OBS-3 CHECK HACH CELL SAMPLE # 119 OIGR 2.12 NTU OBS-3
 TURBIDIMETER # 22423
 RAIN 0.04 CHANGE STAGE OFFSET TO -0.137 @ 17:09.
 DAILY 0.170
 SEASON 2.54

Site (xxx)	FTR	TTS FIELD FORM  FOREST SERVICE UAS DEPARTMENT OF AGRICULTURE	RETRIEVE DUMP RECORD
Hydro Year (####)	2001		FIND DUMP RECORD
Data Dump (##)	1		NEXT DUMP
Data Logger	X14856		PREVIOUS DUMP
TTS Program Revision	3.1		FIELD FORM PAGE
Pressure Transducer ID #	275		CREATE TEXT FILE
min_stg	0.4		CLOSE FORM
stg_off			
stg_mult	2.4122		
T-Probe ID Number	430		DEFAULT VALUES
turb_off	0.000	ARCHIVE	
turb_mult	0.800	PASSWORD: <input type="text"/>	
ISCO ID Number	8		


Field Form Number	10	NEW FIELD FORM RECORD	Clock Reset (y/n)	Y
Date (mm/dd/yyyy)	11-10-00	NEXT FIELD FORM	Water in ISCO Base (y/n)	N
Time of Staff Plate Reading	13:31	PREVIOUS FIELD FORM	Data Dumped (y/n)	N
Observers	C.F.	 DUMP PAGE	T-Probe Optics Cleaned (y/n)	N
Electronic Stage (stage)	0.641		T-Probe Debris Removed (y/n)	N
Turbidity (med. turb)	2.00		Change in Boom Height	N 0.5
Auxiliary Sample (y/n)	N		Left Staff Plate [1]	NA
Depth Integrated Sample (y/n)	N		Right Staff Plate [1]	0.470
Bottle (ISCO)	3		Inside Staff Plate [1]	NA
nxt_bot (Campbell)	3		Stilling Well Cleared (y/n)	NA
Gell Cell ID Number	NA		Flume/Wier Cleared (y/n)	NA
12v Battery Voltage (bat. volt)	10.604		Left Staff Plate [2]	NA
Spare 12v Battery Voltage	NA		Right Staff Plate [2]	NA
		Inside Staff Plate [2]	NA	

ISCO BOTTLE INFORMATION: Sample Ok (O), Low Volume (L), High Volume (H), Discarded (X), Empty (E), Not Used (N)

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Notes: RAW 0.00
 DAILY 0.00
 SEASON 2.990


CHANGED STG OFFSET TO -0.30938 @ 13:34


Site (xxx)	FTR		RETRIEVE DUMP RECORD
Hydro Year (####)	2001		FIND DUMP RECORD
Data Dump (##)			NEXT DUMP
Data Logger	X14856		PREVIOUS DUMP
TTS Program Revision	3.1		FIELD FORM PAGE
Pressure Transducer ID #	275		CREATE TEXT FILE
min_stg	0.4		CLOSE FORM
stg_off	-0.295		
stg_mult	2.4122		
T-Probe ID Number	430		DEFAULT VALUES
turb_off	0.000		ARCHIVE
turb_mult	0.800		PASSWORD
ISCO ID Number	8		

Field Form Number	11	NEW FIELD FORM RECORD	Clock Reset (y/n)	Y
Date (mm/dd/yyyy)	11-15 11-16-00	NEXT FIELD FORM	Water in ISCO Base (y/n)	
Time of Staff Plate Reading	15:01	PREVIOUS FIELD FORM	Data Dumped (y/n)	Y
Observers	C.F.	502	T-Probe Optics Cleaned (y/n)	N
Electronic Stage [stage]	0.4973		T-Probe Debris Removed (y/n)	N
Turbidity [med turb]	16.00	DUMP PAGE	Change in Boom Height	N
Auxiliary Sample (y/n)	N		Left Staff Plate [1]	NA
Depth Integrated Sample (y/n)	N		Right Staff Plate [1]	0.50
Bottle (ISCO)	1		Inside Staff Plate [1]	NA
nxt_bot (Campbell)	1		Stilling Well Cleared (y/n)	NA
Gall Cell ID Number	NA		Flume/Wier Cleared (y/n)	NA
12v Battery Voltage [bat_volt]	13.207		Left Staff Plate [2]	NA
Spare 12v Battery Voltage	NA		Right Staff Plate [2]	NA
			Inside Staff Plate [2]	NA

ISCO BOTTLE INFORMATION Sample OK (O) Low Volume (L) High Volume (H) Discarded (X) Empty (E) Not Used (N)																							
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
O	H	O	O	O	O	O	N																

Notes: RAIN 0.000 ARRIVED 14:18 TERRY NOTICED DISCREPANCY W/BOTH
 DAILY 0.000 TUES CAMPBELL AND ISCO. PARAMETERS
 SEASON 0.000 BACK TO DEFAULT - I SUSPECT
 RAIN RESET @ LOW VOLTAGE - 14:14 @ 10.661 volts
 BATTERY CHANGE REPLACE BATTERY @ 14:25
 DATA DUMP @ 15:12 100% VOLTAGE BACK TO 12.888

Site (xxx):	FTR	TTS FIELD FORM 	RETRIEVE DUMP RECORD
Hydro Year (####):	2001		FIND DUMP RECORD
Data Dump (##):	02		NEXT DUMP
Data Logger:	X14856		PREVIOUS DUMP
TTS Program Revision:	3.1		FIELD FORM PAGE
Pressure Transducer ID #:	275		CREATE TEXT FILE
min_stg:	0.4		CLOSE FORM
stg_off:	-0.275		
stg_mult:	2.4122		
T-Probe ID Number:	430		
turb_off:	0.000		
turb_mult:	0.800		
SCO ID Number:	8		

Field Form Number:	12	NEW FIELD FORM RECORD	Clock Reset (y/n):	Y
Date (mm/dd/yyyy):	11-18-00 SA	NEXT FIELD FORM	Water In SCO Base (y/n):	N
Time of Staff Plate Reading:	14:16	PREVIOUS FIELD FORM	Data Dumped (y/n):	N
Observers:	C.F.		T-Probe Optics Cleaned (y/n):	N
Electronic Stage (stage):	0.38541		T-Probe Debris Removed (y/n):	N
Turbidity (med turb):	20.00		Change in Boom Height:	0.5
Auxiliary Sample (y/n):	N		Left Staff Plate [1]:	NA
Depth Integrated Sample (y/n):	N		Right Staff Plate [1]:	0.38
Bottle (ISCO):	1		Inside Staff Plate [1]:	NA
hxt_bot (Campbell):	1		Stilling Well Cleared (y/n):	NA
Gell Cell ID Number:	NA		Flume/Wier Cleared (y/n):	NA
12v Battery Voltage (bat_volt):	10.591		Left Staff Plate [2]:	NA
Spare 12v Battery Voltage:	NA		Right Staff Plate [2]:	NA
		DUMP PAGE	Inside Staff Plate [2]:	NA

ISCO BOTTLE INFORMATION: Sample OK (O), Low Volume (L), High Volume (H), Discarded (X), Empty (E), Not Used (N)

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Notes: RAIN 0.00 BATTERY VOLTAGE LOOKS GOOD EMPTIED TERRY'S RAIN GAUGE 2.66"


DAILY 0.01 MAIN FLOW TO BOOM


SEASON 0.170

CHANGE TURB. OFFSET TO -14.0 @ 14:17

HACH # 80423 1.81 NTU OBS-3 WAS 20.0

MED TURB. @ 14:31 2.00 NTU - OBS-3

Site (xxx):	FTR	TTS FIELD FORM  FOREST SERVICE UAS DEPARTMENT OF AGRICULTURE	RETRIEVE DUMP RECORD
Hydro Year (####):	2001		FIND DUMP RECORD
Data Dump (##):	2		NEXT DUMP
Data Logger:	X14856		PREVIOUS DUMP
TTS Program Revision:	3.1		FIELD FORM PAGE
Pressure Transducer ID#:	275		CREATE TEXT FILE
min_stg:	0.4		CLOSE FORM
stg_off:			
stg_mult:	2.4122		
T-Probe ID Number:	430		
turb_off:			
turb_mult:	0.800		
ISCO ID Number:	8		
			DEFAULT VALUES
			ARCHIVE
			PASSWORD: <input type="text"/>

Field Form Number:	13	NEW FIELD FORM RECORD	Clock Resol. (y/n)	Y	
Date (mm/dd/yyyy):	11-14-00	NEXT FIELD FORM	Water in ISCO Base (y/n)	N	
Time of Staff Plate Reading:	14:46	PREVIOUS FIELD FORM	Data Dumped (y/n)	N	
Observers:	L.F.		T-Probe Optics Cleaned (y/n)	N	
Electronic Stage [stage]:	0.3346		T-Probe Debris Removed (y/n)	N	
Turbidity [med turb]:			Change in Boom Height:	0.5	
Auxiliary Sample (y/n):	N		Left Staff Plate [1]:	NA	
Depth Integrated Sample (y/n):	N		Right Staff Plate [1]:	0.35	
Bottle (ISCO):	1		Inside Staff Plate [1]:	NA	
nxt_bot (Campbell):	1		Stilling Well Cleared (y/n):	NA	
Gell Cell ID Number:	NA		Flume/Wier Cleared (y/n):	NA	
12v Battery Voltage [bat volt]:	13.751		Left Staff Plate [2]:	NA	
Spare 12v Battery Voltage:	NA		Right Staff Plate [2]:	NA	
			DUMP PAGE	Inside Staff Plate [2]:	NA

ISCO BOTTLE INFORMATION: Sample OK (O) Low Volume (L) High Volume (H) Discarded (X) Empty (E) Not Used (N)																							
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Notes: RAIN 0.000 TEMP 6.7033 CHANGED TURB. OFFSET TO -10.00

DAILY 0.00


SEASON 0.07


MATCHES OBS - 3

OBS-3 2.0MTU

HACH 10th OIGR 0126 1.46 STU

JEANNA + REBECCA VISITED

Site (xxx):	ETR	<h3>TTS FIELD FORM</h3> 	RETRIEVE DUMP RECORD
Hydro Year (####)	0001		FIND DUMP RECORD
Data Dump (##)	2		NEXT DUMP
Data Logger	X14856		PREVIOUS DUMP
TTS Program Revision	3.1		FIELD FORM PAGE
Pressure Transducer ID #	275		CREATE TEXT FILE
min_stg	0.4		CLOSE FORM
stg_off	-0.2950		
stg_mult	3.4122		
T-Probe ID Number	430		
turb_off	0.000	DEFAULT VALUES	
turb_mult	0.800	ARCHIVE	
ISCO ID Number	8	PASSWORD	

Field Form Number:	14	NEW FIELD FORM RECORD	Clock Reset (y/n)	Y
Date (mm/dd/yyyy)	11-29-00	NEXT FIELD FORM	Water in ISCO Base (y/n)	
Time of Staff Plate Reading	16:16	PREVIOUS FIELD FORM	Data Dumped (y/n)	N
Observers	C.F.		T-Probe Optics Cleaned (y/n)	Y
Electronic Stage [stage]	1.0214		T-Probe Debris Removed (y/n)	N
Turbidity (med_turb)	37.00		Change in Boom Height	1.0
Auxiliary Sample (y/n)	N		Left Staff Plate [1]	NA
Depth Integrated Sample (y/n)	N		Right Staff Plate [1]	1.03
Bottle (ISCO)	7		Inside Staff Plate [1]	NA
nxt_bot (Campbell)	7		Stilling Well Cleared (y/n)	NA
Gell Cell ID Number	NA		Flume/Wier Cleared (y/n)	NA
12v Battery Voltage [bat_volt]	14.933		Left Staff Plate [2]	NA
Spare 12v Battery Voltage	NA		Right Staff Plate [2]	NA
		Inside Staff Plate [2]	NA	

ISCO BOTTLE INFORMATION Sample OK (O) Low Volume (L) High Volume (H) Discarded (X) Empty (E) Not Used (N)

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	

Notes:

RAIN 0.000
 DAILY 0.800
 SEASON 1.74

NEED TO UPDATE


SPIKE IN GRAPHS THIS EARLY AM
 RAIN 2nd MACH 50.4 RAIN + STG


CHANGED TURB. OFFSET TO 0.000 @ 16:27

MACH WAS 49.0 OBS-3 WAS 37.0
 offset was -10.00
 OBS-3 WENT TO 62

TURB OFFSET BACK TO 0.000 @ 16:46

CHANGED OFFSET TO -12.000 @ 16:37
 goes to 34!!!

Site (xxx):	ETR	TTS FIELD FORM 	RETRIEVE DUMP RECORD
Hydro Year (####):	2001		FIND DUMP RECORD
Data Dump (##):	2		NEXT DUMP
Data Logger:	X14856		PREVIOUS DUMP
TTS Program Revision:	3.1		FIELD FORM PAGE
Pressure Transducer ID #:	275		CREATE TEXT FILE
min_stg:	0.4		CLOSE FORM
stg_off:	-0.2950		
stg_mult:	0.4122		
T-Probe ID Number:	430		DEFAULT VALUES
turb_off:	0.000	ARCHIVE	
turb_mult:	0.800	PASSWORD	
ISCO ID Number:	8		

Field Form Number:	15	NEW FIELD FORM RECORD	Clock Reset (y/n):	Y
Date (mm/dd/yyyy):	12-09-00	NEXT FIELD FORM	Water in ISCO Base (y/n):	N
Time of Staff Plate Reading:	12:01	PREVIOUS FIELD FORM	Data Dumped (y/n):	N
Observers:	C.F.		T-Probe Optics Cleaned (y/n):	Y
Electronic Stage (stage):	0.28938		T-Probe Debris Removed (y/n):	N
Turbidity (med turb):	10.00		Change in Boom Height:	0.3
Auxiliary Sample (y/n):	N		Left Staff Plate [1]:	NA
Depth Integrated Sample (y/n):	N		Right Staff Plate [1]:	0.31
Bottle (ISCO):	8		Inside Staff Plate [1]:	NA
next_bot (Campbell):	8		Stilling Well Cleared (y/n):	NA
Gell Cell ID Number:	NA		Flume/Wier Cleared (y/n):	NA
12v Battery Voltage (bat_volt):	12.714		Left Staff Plate [2]:	NA
Spare 12v Battery Voltage:	NA		Right Staff Plate [2]:	NA
		DUMP PAGE	Inside Staff Plate [2]:	NA

ISCO DATA INFORMATION Sample OK (O) Low Volume (L) High Volume (H) Discarded (X) Empty (E) Not Used (N)

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24


Notes:


OBS-3 2-3" below water surface 3-4" OFF BOTTOM
 12:16 OBS-3 1.000 NTU HACH SAMPLE # 01GR 0341 1.24 NTU # 82423

TELEPHONE PC
 12:16:10 → 12:23:00 RESET PC THEN DATA LOGGED

SPIKES ON STAGE + RAINFALL - ARE THEY RESETTING?

TEVRY SAW CATS SLEEPING ON MONITOR KICKED OUT PLUS THIS WEEK

Site (xxx):	ETR	TTS FIELD FORM 	RETRIEVE DUMP RECORD
Hydro Year (####)	2001		FIND DUMP RECORD
Data Dump (#)	2		NEXT DUMP
Data Logger:	X14856		PREVIOUS DUMP
TTS Program Revision:	3.1		FIELD FORM PAGE
Pressure Transducer ID #:	275		CREATE TEXT FILE
min_stg:	0.4		CLOSE FORM
stg_off:	-0.295		
stg_mult:	2.4122		
T-Probe ID Number:	430		
turb_off:			
turb_mult:	0.800		
ISCO ID Number:	8		

Field Form Number:	15	NEW FIELD FORM RECORD	Clock Reset (y/n):	Y
Date (mm/dd/yyyy):	12-14-00	NEXT FIELD FORM	Water in ISCO Base (y/n):	-
Time of Staff Plate Reading:	16:31	PREVIOUS FIELD FORM	Data Dumped (y/n):	N
Observers:	C.F.		T-Probe Optics Cleaned (y/n):	Y
Electronic Stage (stage):	1.0563		T-Probe Debris Removed (y/n):	NONE
Turbidity (med turb):	39.00		Change in Boom Height:	@ 1.0
Auxiliary Sample (y/n):	N		Left Staff Plate [1]:	NA
Depth Integrated Sample (y/n):	N		Right Staff Plate [1]:	1.07
Bottle (ISCO):	15		Inside Staff Plate [1]:	NA
next bot (Campbell):	15		Stilling Well Cleared (y/n):	NA
Gall Cell ID Number:	NA		Flume/Wier Cleared (y/n):	NA
12v Battery Voltage (bat volt):	15.558		Left Staff Plate [2]:	NA
Spare 12v Battery Voltage:	NA		Right Staff Plate [2]:	NA
		DUMP PAGE	Inside Staff Plate [2]:	NA

ISCO BOTTLE INFORMATION: Sample OK (O), Low Volume (L), High Volume (H), Discarded (X), Empty (E), Not Used (N)

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	


Notes:


RAIN 0.00
 DAILY 0.09
 SEASON 3.03 - wrong needs up date

TERRY SAID NUMERIC DISPLAY NOT UPDATING 2 DAYS AGO FORN COMPUTER ON/OFF - WORKS

WACH # 01GR 203 41.7 NTU OBS-3 39.0 NTU


FLOW BANK TO BANK


Site (xxx):	FTR		RETRIEVE DUMP RECORD
Hydro Year (####):	2001		FIND DUMP RECORD
Data Dump (##):	03		NEXT DUMP
Data Logger:	X14856		PREVIOUS DUMP
TTS Program Revision:	3.1		FIELD FORM PAGE
Pressure Transducer ID #:	275		DEFAULT VALUES
min_stg:	0.4		ARCHIVE
stg_off:	-0.295		PASSWORD: [REDACTED]
stg_mult:	0.4122		CREATE TEXT FILE
T-Probe ID Number:	430		CLOSE FORM
turb_off:	0.000		
turb_mult:	0.800		
ISCO ID Number:	8		

Field Form Number:	17	NEW FIELD FORM RECORD	Clock Reset (y/n):	Y	
Date (mm/dd/yyyy):	12-21-00	NEXT FIELD FORM	Water in ISCO Base (y/n):	N	
Time of Staff Plate Reading:	11:46	PREVIOUS FIELD FORM	Data Dumped (y/n):	Y	
Observers:	CF		T-Probe Optics Cleaned (y/n):	N	
Electronic Stage [stage]:	0.38275		T-Probe Debris Removed (y/n):	N	
Turbidity [med_turb]:	11.0		Change in Boom Height:	0.5	
Auxiliary Sample (y/n):	N		Left Staff Plate [1]:	NA	
Depth Integrated Sample (y/n):	N		Right Staff Plate [1]:	0.42	
Bottle (ISCO):	01		Inside Staff Plate [1]:	NA	
nxt_bot (Campbell):	01		Stilling Well Cleared (y/n):	NA	
Gell Cell ID Number:	NA		Flume/Wier Cleared (y/n):	NA	
12v Battery Voltage [bat_volt]:	10.649		Left Staff Plate [2]:	NA	
Spare 12v Battery Voltage:	NA		Right Staff Plate [2]:	NA	
			DUMP PAGE	Inside Staff Plate [2]:	NA

ISCO BOTTLE INFORMATION Sample OK (O) Low Volume (L) High Volume (H) Discarded (X) Empty (E) Not Used (N)																							
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	N	N

Notes: DATA DUMP #2
 RAW 0.000
 DAILY ~~0.00~~ 0.07
 SEASON 3.54

Site (xxx):	FTR	TTS FIELD FORM 	RETRIEVE DUMP RECORD
Hydro Year (####):	2001		FIND DUMP RECORD
Data Dump (##):	3		NEXT DUMP
Data Logger:	X1485E		PREVIOUS DUMP
TTS Program Revision:	3.1		FIELD FORM PAGE
Pressure Transducer ID #:	275		CREATE TEXT FILE
min_stg:	0.4		CLOSE FORM
stg_off:	-0.295		
stg_mult:	3.4122		
T-Probe ID Number:	430		
turb_off:	0.000		
turb_mult:	0.800		
ISCO ID Number:	8		
			DEFAULT VALUES
			ARCHIVE
		PASSWORD:	

Field Form Number:	18	NEW FIELD FORM RECORD	Clock Reset (y/n):	Y
Date (mm/dd/yyyy):	1-7-01	NEXT FIELD FORM	Water in ISCO Base (y/n):	N
Time of Staff Plate Reading:	16:16	PREVIOUS FIELD FORM	Data Dumped (y/n):	N
Observers:	C.F.		T-Probe Optics Cleaned (y/n):	Y
Electronic Stage [stage]:	0.26489		T-Probe Debris Removed (y/n):	N
Turbidity [med turb]:	3.00		Change in Boom Height:	0.5
Auxiliary Sample (y/n):	N		Left Staff Plate [1]:	NA
Depth Integrated Sample (y/n):	N		Right Staff Plate [1]:	0.29
Bottle (ISCO):	5		Inside Staff Plate [1]:	NA
nxt_bot (Campbell):	5		Stilling Well Cleaned (y/n):	NA
Gell Cell ID Number:	NA		Flume/Wier Cleaned (y/n):	NA
12v Battery Voltage [bat_volt]:	15.712		Left Staff Plate [2]:	NA
Spare 12v Battery Voltage:	NA		Right Staff Plate [2]:	NA
			Inside Staff Plate [2]:	NA
			DUMP PAGE	


ISCO SITE INFORMATION Sample OK (O) Low Volume (L) High Volume (H) Discarded (X) Empty (E) Not Used (N)																							
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Notes:

RAIN 0.000
 DAILY 0.000
 SEASON 3.91

TURB OBS-3 GOES 8 TO 3 NTU AFTER CLEANING

TURNUED PC ON/OFF TO CLEAR RAM
 CHECKED PC CLOCK AGAINST PHONE - w/in 5 sec.

Site (xxx):	ETR	TTS FIELD FORM  FOREST SERVICE UAS DEPARTMENT OF AGRICULTURE	RETRIEVE DUMP RECORD
Hydro Year (####):	2001		FIND DUMP RECORD
Data Dump (##):	3		NEXT DUMP
Data Logger:	X14856		PREVIOUS DUMP
TTS Program Revision:	3.1		FIELD FORM PAGE
Pressure Transducer ID #:	275		CREATE TEXT FILE
min_stg:	0.4		CLOSE FORM
stg_off:	-0.295		
stg_mult:	2.4122		
T-Probe ID Number:	430		DEFAULT VALUES
turb_off:	0.000		ARCHIVE
turb_mult:	0.800		PASSWORD: <input type="text"/>
ISCO ID Number:	8		

Field Form Number:	19
Date (mm/dd/yyyy):	1-08-01
Time of Staff Plate Reading:	17:16
Observers:	C.F.
Electronic Stage [stage]:	0.95845
Turbidity [med_turb]:	26.0
Auxiliary Sample (y/n):	N
Depth Integrated Sample (y/n):	N
Bottle (ISCO):	9
nxt_bot (Campbell):	9
Gell Cell ID Number:	NA
12v Battery Voltage [bat_volt]:	13.069
Spare 12v Battery Voltage:	NA

NEW FIELD FORM RECORD
NEXT FIELD FORM
PREVIOUS FIELD FORM

DUMP PAGE

Clock Reset (y/n):	N
Water in ISCO Base (y/n):	N
Data Dumped (y/n):	N
T-Probe Optics Cleaned (y/n):	N
T-Probe Debris Removed (y/n):	Y
Change in Boom Height:	@ 1.0
Left Staff Plate [1]:	NA
Right Staff Plate [1]:	0.95
Inside Staff Plate [1]:	NA
Stilling Well Cleared (y/n):	NA
Flume/Wier Cleared (y/n):	NA
Left Staff Plate [2]:	NA
Right Staff Plate [2]:	NA
Inside Staff Plate [2]:	NA

ISCO BOTTLE INFORMATION: Sample OK (O) Low Volume (L) High Volume (H) Discarded (X) Empty (E) Not Used (N)																							
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Notes:

RAIN 0.00 TEMP 8.3842


DAILY 0.76 OBS-3 CHECK OBS-3 26.0 HACH 28.5 NTU


SEASON 4.75 NTU

thr. 0.00

thr count 0.00

next thr 0.00

Site (xxx):	FTR	TTS FIELD FORM 	RETRIEVE DUMP RECORD
Hydro Year (####):	2001		FIND DUMP RECORD
Data Dump (##):	3		NEXT DUMP
Data Logger:	X14856		PREVIOUS DUMP
TTS Program Revision:	3.1		FIELD FORM PAGE
Pressure Transducer ID #:	275		CREATE TEXT FILE
min_stg:	0.4		CLOSE FORM
stg_off:	-0.245		
stg_mult:	2.4122		
T-Probe ID Number:	430		
turb_off:	0.000		
turb_mult:	0.800		
ISCO ID Number:	8		
			DEFAULT VALUES
			ARCHIVE
		PASSWORD	

Field Form Number:	20	NEW FIELD FORM RECORD	Clock Reset (y/n):	N
Date (mm/dd/yyyy):	1-11-01	NEXT FIELD FORM	Water in ISCO Base (y/n):	
Time of Staff Plate Reading:	12:01	PREVIOUS FIELD FORM	Data Dumped (y/n):	N
Observers:	C.F. P.K.		T-Probe Optics Cleaned (y/n):	Y
Electronic Stage [stage]:	1-1131		T-Probe Debris Removed (y/n):	N
Turbidity [med_turb]:	37.00		Change in Boom Height:	1.0
Auxiliary Sample (y/n):	N		Left Staff Plate [1]:	NA
Depth Integrated Sample (y/n):	N		Right Staff Plate [1]:	1-13
Bottle (ISCO):			Inside Staff Plate [1]:	NA
nxt_bot (Campbell):	13		Stilling Well Cleared (y/n):	NA
Gell Cell ID Number:	NA		Flume/Wier Cleared (y/n):	NA
12v Battery Voltage [bat_volt]:	12.581		Left Staff Plate [2]:	NA
Spare 12v Battery Voltage:	NA		Right Staff Plate [2]:	NA
			Inside Staff Plate [2]:	NA
			DUMP PAGE	


ISCO 50115 INFORMATION: Sample OK (O) Low Volume (L) High Volume (H) Discarded (X) Empty (E) Not Used (N)


01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	

Notes: Meeting w/ Revital Katz Nelson + others

RAIN 0.000
 DAILY 0.000
 SEASON 6.26

HACH CK. # 01GR 0223 38.4 NTU
 OBS-3 37.0 NTU


Site (xxx):	FTR		RETRIEVE DUMP RECORD
Hydro Year (####):	2001		FIND DUMP RECORD
Data Dump (##):	3		NEXT DUMP
Data Logger:	X14856		PREVIOUS DUMP
TTS Program Revision:	3.1		FIELD FORM PAGE
Pressure Transducer ID #:	275		CREATE TEXT FILE
min_stg:	0.4		CLOSE FORM
stg_off:	-0.295		
stg_mult:	2.4122		
T-Probe ID Number:	430		
turb_off:	0.000		
turb_mult:	0.800		
ISCO ID Number:	8		

Field Form Number:	21	NEW FIELD FORM RECORD	Clock Reset (y/n):	N
Date (mm/dd/yyyy):	1-18-01	NEXT FIELD FORM	Water in ISCO Base (y/n):	N
Time of Staff Plate Reading:	16:46	PREVIOUS FIELD FORM	Data Dumped (y/n):	Y
Observers:	C.F.		T-Probe Optics Cleaned (y/n):	Y
Electronic Stage [stage]:	0.397		T-Probe Debris Removed (y/n):	N
Turbidity [med turb]:	6.0		Change in Boom Height:	0.5
Auxiliary Sample (y/n):	N		Left Staff Plate [1]:	NA
Depth Integrated Sample (y/n):	N		Right Staff Plate [1]:	0.40
Bottle (ISCO):	18		Inside Staff Plate [1]:	NA
nxt_bot (Campbell):	18		Stilling Well Cleared (y/n):	NA
Gell Cell ID Number:	NA		Flume/Wler Cleared (y/n):	NA
12v Battery Voltage [bat_volt]:	15.777		Left Staff Plate [2]:	NA
Spare 12v Battery Voltage:	NA		Right Staff Plate [2]:	NA
		DUMP PAGE	Inside Staff Plate [2]:	NA


ISCO 015 INFORMATION: Sample Ok (O), Low Volume (L), High Volume (H), Discarded (X), Empty (E), Not Used (N)

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	N	N	N	N	N	N	N

Notes: LAST OF DUMP 3 DATA DUMPED 16:48
 FT001221

Site (xxx):	FTR	TTS FIELD FORM 	RETRIEVE DUMP RECORD
Hydro Year (####)	2001		FIND DUMP RECORD
Data Dump (#)	4		NEXT DUMP
Data Logger	X14856		PREVIOUS DUMP
TTS Program Revision	3.1		FIELD FORM PAGE
Pressure Transducer ID #	275		CREATE TEXT FILE
min_stg:	0.4		CLOSE FORM
stg_off:	-0.295		DEFAULT VALUES
stg_mult:	2.4122		ARCHIVE
T-Probe ID Number	430		PASSWORD:
turb_off:	0.000		
turb_mult:	0.800		
ISCO ID Number	8		

Field Form Number:	22
Date (mm/dd/yyyy):	01/23/01
Time of Staff Plate Reading	
Observers:	TR
Electronic Stage (stage):	0.418
Turbidity (med turb):	
Auxiliary Sample (y/n):	Y
Depth Integrated Sample (y/n):	N
Bottle (ISCO):	02
nxt_bot (Campbell):	
Gell Cell ID Number:	NA
12v Battery Voltage (bat volt):	15.72
Spare 12v Battery Voltage:	NA


NEW FIELD FORM RECORD
NEXT FIELD FORM
PREVIOUS FIELD FORM

DUMP PAGE


Clock Reset (y/n):	
Water in ISCO Base (y/n):	
Data Dumped (y/n):	
T-Probe Optics Cleaned (y/n):	
T-Probe Debris Removed (y/n):	
Change in Boom Height:	
Left Staff Plate [1]:	NA
Right Staff Plate [1]:	
Inside Staff Plate [1]:	NA
Stilling Well Cleared (y/n):	NA
Flume/Wier Cleared (y/n):	NA
Left Staff Plate [2]:	NA
Right Staff Plate [2]:	NA
Inside Staff Plate [2]:	NA

ISCO BOTTLE INFORMATION: Sample OK (O) Low Volume (L) High Volume (H) Discarded (D) Empty (E) Not Used (N)

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	

Notes: at ~ 16:40 med. turbidity was 180 - appeared that samples had been missed on rising limb (either 20, 70, 170) - took hand sample for track (016R-0229) when turbidity was between 180 and 212 (next-wakeup) and called for auxiliary sample - did not take aux. sample

Site (xxx):	FTR		RETRIEVE DUMP RECORD
Hydro Year (####)	2001		FIND DUMP RECORD
Data Dump (#)	4		NEXT DUMP
Data Logger	X14856		PREVIOUS DUMP
TTS Program Revision	3.1		FIELD FORM PAGE
Pressure Transducer ID #	275		CREATE TEXT FILE
min_stg	0.4		CLOSE FORM
stg_off	-0.295		
stg_mult	2.4122		
T-Probe ID Number	430		
turb_off	0.00		
turb_mult	0.800		
ISCO ID Number	8		
			DEFAULT VALUES
			ARCHIVE
		PASSWORD	


Field Form Number	23	NEW FIELD FORM RECORD	Clock Reset (y/n)	N
Date (mm/dd/yyyy)	1-24-01	NEXT FIELD FORM	Water in ISCO Base (y/n)	N
Time of Staff Plate Reading	09:01	PREVIOUS FIELD FORM	Data Dumped (y/n)	N
Observers	C.F.		T-Probe Optics Cleaned (y/n)	Y
Electronic Stage [stage]	0.655648		T-Probe Debris Removed (y/n)	N
Turbidity [med turb]	37.00		Change in Boom Height	@ 0.75
Auxiliary Sample (y/n)	N		Left Staff Plate [1]	NA
Depth Integrated Sample (y/n)	N		Right Staff Plate [1]	0.66
Bottle (ISCO)	8		Inside Staff Plate [1]	NA
nxt_bot (Campbell)	8		Stilling Well Cleared (y/n)	NA
Gell Cell ID Number	NA		Flume/Wier Cleared (y/n)	NA
12v Battery Voltage [bat_volt]	12.632		Left Staff Plate [2]	NA
Spare 12v Battery Voltage	NA		Right Staff Plate [2]	NA
			Inside Staff Plate [2]	NA
			DUMP PAGE	


ISCO: 0211 - INFORMATION Sample OK (O) Low Volume (L) High Volume (H) Discarded (X) Empty (E) Not Used (N)																							
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Notes: RAIN 0.000 DISPLAYS ALL GOOD - STATION SEEMS NORMAL
 DAILY 0.0800 FUSES GOOD - REPLACED DESSICANT IN CONTROLLER
 SEASON 7.36

SHOULD TAKE SAMPLE AFTER GOING BELOW 30 NTU #9?
 NO RESPONSE TO AUX PROMPT - STAYS DARK - TOOK AUX 2nd WAKEUP

NXT BOTT 9 NOW


Site (xxx):	FTR		RETRIEVE DUMP RECORD
Hydro Year (####)	2001		FIND DUMP RECORD
Data Dump (#)			NEXT DUMP
Data Logger	X14856		PREVIOUS DUMP
TTS Program Revision	3.1		FIELD FORM PAGE
Pressure Transducer ID #	275		DEFAULT VALUES
min_stg	0.4		ARCHIVE
stg_off	-0.225		PASSWORD
stg_mult	2.4122		CREATE TEXT FILE
T-Probe ID Number	430		CLOSE FORM
turb_off	0.000		
turb_mult	0.800		
ISCO ID Number	8		


Field Form Number	24	NEW FIELD FORM RECORD	Clock Reset (y/n)	Y
Date (mm/dd/yyyy)	1-27-01	NEXT FIELD FORM	Water In ISCO Base (y/n)	N
Time of Staff Plate Reading	11:31	PREVIOUS FIELD FORM	Data Dumped (y/n)	Y
Observers	ICF		T-Probe Optics Cleaned (y/n)	Y
Electronic Stage (stage)	0.81		T-Probe Debris Removed (y/n)	N
Turbidity (med turb)	26.00		Change in Boom Height	1.0
Auxiliary Sample (y/n)	Y		Left Staff Plate [1]	NA
Depth Integrated Sample (y/n)	N		Right Staff Plate [1]	0.88
Bottle (ISCO)	1		Inside Staff Plate [1]	NA
Next bot (Campbell)	1		Sulling Well Cleared (y/n)	NA
Gall Cell ID Number	NA		Flume/Wier Cleared (y/n)	NA
12v Battery Voltage (bat Volt)	10.617		Left Staff Plate [2]	NA
Spare 12v Battery Voltage	NA		Right Staff Plate [2]	NA
		Inside Staff Plate [2]	NA	

ISCO BOTTLE INFORMATION: Sample OK (O), Low Volume (L), High Volume (H), Discarded (X), Empty (E), Not Used (N)

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O						

Notes: AUX D4 B18 TRAINING 1-27-01 CONCRETE
 RESET TIME 11:24 → 11:20


Site (xxx):	EFR	TTS FIELD FORM 	RETRIEVE DUMP RECORD
Hydro Year (###):	2001		FIND DUMP RECORD
Data Dump (##):	5		NEXT DUMP
Data Logger:	X14856		PREVIOUS DUMP
TTS Program Revision:	3.1		FIELD FORM PAGE
Pressure Transducer ID #:	275		CREATE TEXT FILE
min_stg:	0.4		CLOSE FORM
stg_off:	-0.22		
stg_mult:	0.4122		
T-Probe ID Number:	430		
turb_off:	0.000		
turb_mult:	0.800		
ISCO ID Number:	8		

Field Form Number:	25	NEW FIELD FORM RECORD	Clock Reset (y/n):	N
Date (mm/dd/yyyy):	Feb 15 01	NEXT FIELD FORM	Water in ISCO Base (y/n):	
Time of Staff Plate Reading:	8:25	PREVIOUS FIELD FORM	Data Dumped (y/n):	N
Observers:	T. Relots		T-Probe Optics Cleaned (y/n):	Y
Electronic Stage [stage]:	0.57		T-Probe Debris Removed (y/n):	N
Turbidity [med_turb]:	79		Change in Boom Height:	N
Auxiliary Sample (y/n):	N		Left Staff Plate [1]:	NA
Depth Integrated Sample (y/n):	N		Right Staff Plate [1]:	0.501
Bottle (ISCO):	?		Inside Staff Plate [1]:	NA
nxt_bot (Campbell):	21		Stilling Well Cleared (y/n):	NA
Gell Cell ID Number:	NA		Flume/Wier Cleared (y/n):	NA
12v Battery Voltage [bat_volt]:	12.63		Left Staff Plate [2]:	NA
Spare 12v Battery Voltage:	NA		Right Staff Plate [2]:	NA
		DUMP PAGE	Inside Staff Plate [2]:	NA

ISCO BOTTLE INFORMATION: Sample OK (O), Low Volume (L), High Volume (H), Discarded (X), Empty (E), Not Used (N)

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Notes: Cleaned turbidity probe - creek appeared less turbid than 79 FTU - ~~rechecked at 79~~ after 8:30 reading wrote too soon - dropped to 11! - threshold code 1 (rising) also questionable. TR

Site (xxx):	FTR		RETRIEVE DUMP RECORD
Hydro Year (####):	2001		FIND DUMP RECORD
Data Dump (##):	5		NEXT DUMP
Data Logger:	X14856		PREVIOUS DUMP
TTS Program Revision:	3.1		FIELD FORM PAGE
Pressure Transducer ID #:	275		DEFAULT VALUES
min_stg:	0.4		ARCHIVE
stg_off:			PASSWORD:
stg_mult:	2.4122		CLOSE FORM
T-Probe ID Number:	430		
turb_off:	0.000		
turb_mult:	0.800		
ISCO ID Number:	8		

Field Form Number:	26
Date (mm/dd/yyyy):	2-16-01
Time of Staff Plate Reading:	14.46
Observers:	TCF
Electronic Stage [stage]:	0.535
Turbidity [med_turb]:	11.00
Auxiliary Sample (y/n):	N
Depth Integrated Sample (y/n):	N
Bottle (ISCO):	1
nxt_bot (Campbell):	1
Gell Cell ID Number:	NA
12v Battery Voltage [bat_volt]:	15.570
Spare 12v Battery Voltage:	NA

NEW FIELD FORM RECORD

NEXT FIELD FORM

PREVIOUS FIELD FORM





DUMP PAGE

Clock Reset (y/n):	Y
Water in ISCO Base (y/n):	N
Data Dumped (y/n):	Y
T-Probe Optics Cleaned (y/n):	N
T-Probe Debris Removed (y/n):	N
Change in Boom Height:	N
Left Staff Plate [1]:	NA
Right Staff Plate [1]:	0.50
Inside Staff Plate [1]:	NA
Stilling Well Cleared (y/n):	NA
Flume/Wier Cleared (y/n):	NA
Left Staff Plate [2]:	NA
Right Staff Plate [2]:	NA
Inside Staff Plate [2]:	NA

ISCO BOTTLE INFORMATION: Sample OK (O) Low Volume (L) High Volume (H) Discarded (D) Empty (E) Not Used (N)																							
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O			

otes: Terry cleaned optics earlier Dump 6
 Data Dump Success Full
 HACH CELL CHECK 9.06 NTU @ 14:57 OIGR 0230

Site (xxx):	ETR	TTS FIELD FORM 	RETRIEVE DUMP RECORD
Hydro Year (####):	2001		FIND DUMP RECORD
Data Dump (##):	6		NEXT DUMP
Data Logger:	X1485E		PREVIOUS DUMP
TTS Program Revision:	3.1		FIELD FORM PAGE
Pressure Transducer ID #:	275		CREATE TEXT FILE
min_stg:	0.4		CLOSE FORM
stg_off:	-0.225		
stg_mult:	12.4122		
T-Probe ID Number:	430		
turb_off:	0.000		
turb_mult:	0.800		
ISCO ID Number:	8		


Field Form Number:	27	NEW FIELD FORM RECORD	Clock Reset (y/n)	N
Date (mm/dd/yyyy):	7/22/01	NEXT FIELD FORM	Water in ISCO Base (y/n)	-
Time of Staff Plate Reading:	2.04	PREVIOUS FIELD FORM	Data Dumped (y/n)	N
Observers:	T. Roelofs		T-Probe Optics Cleaned (y/n)	N
Electronic Stage [stage]:	2.0642		T-Probe Debris Removed (y/n)	Y
Turbidity [med_turb]:	103.00		Change in Boom Height:	Y
Auxiliary Sample (y/n):	N		Left Staff Plate [1]:	NA
Depth Integrated Sample (y/n):	N		Right Staff Plate [1]:	2.04
Bottle (ISCO):	-		Inside Staff Plate [1]:	NA
nxt_bot (Campbell):	13		Stilling Well Cleared (y/n):	NA
Gell Cell ID Number:	NA		Flume/Wier Cleared (y/n):	NA
12v Battery Voltage [bat_volt]:	12.634		Left Staff Plate [2]:	NA
Spare 12v Battery Voltage:	NA		Right Staff Plate [2]:	NA
			Inside Staff Plate [2]:	NA
			DUMP PAGE	


ISCO STATUS INFORMATION: Sample OK (O) Low Volume (L) High Volume (H) Discarded (X) Empty (E) Not Used (N)																							
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Notes:

Repositioned boom (moved upstream) and cleared debris - positioned at depth of 1.5 ft.

Highest stage of the year - peaked this morning at about 6 AM at about 2.6 ft.


Site (xxx):	<u>FTR</u>		RETRIEVE DUMP RECORD
Hydro Year (####):	<u>2001</u>		FIND DUMP RECORD
Data Dump (##):	<u>6</u>		NEXT DUMP
Data Logger:	<u>X1485E</u>		PREVIOUS DUMP
TTS Program Revision:	<u>3.1</u>		FIELD FORM PAGE
Pressure Transducer ID #:	<u>275</u>		CREATE TEXT FILE
min_stg:	<u>0.4</u>		CLOSE FORM
stg_off:	<u>-0.225</u>		
stg_mult:	<u>12.4122</u>		
T-Probe ID Number:	<u>430</u>		DEFAULT VALUES
turb_off:	<u>0.00</u>	ARCHIVE	
turb_mult:	<u>0.800</u>	PASSWORD:	
ISCO ID Number:	<u>8</u>		


Field Form Number:	<u>28</u>	NEW FIELD FORM RECORD	Clock Reset (y/n):	<u>N</u>
Date (mm/dd/yyyy):	<u>Feb 24 01</u>	NEXT FIELD FORM	Water in ISCO Base (y/n):	<u>-</u>
Time of Staff Plate Reading:	<u>08:20</u>	PREVIOUS FIELD FORM	Data Dumped (y/n):	<u>N</u>
Observers:	<u>T. Ruelofs</u>		T-Probe Optics Cleaned (y/n):	<u>Y</u>
Electronic Stage [stage]:	<u>0.886</u>		T-Probe Debris Removed (y/n):	<u>N</u>
Turbidity [med turb]:	<u>33</u>		Change in Boom Height:	<u>1.0 ft</u>
Auxiliary Sample (y/n):	<u>N</u>		Left Staff Plate [1]:	<u>NA</u>
Depth Integrated Sample (y/n):	<u>N</u>		Right Staff Plate [1]:	<u>1.00</u>
Bottle (ISCO):	<u>-</u>		Inside Staff Plate [1]:	<u>NA</u>
nxt_bot (Campbell):	<u>15</u>		Stilling Well Cleared (y/n):	<u>NA</u>
Gell Cell ID Number:	<u>NA</u>		Flume/Wier Cleared (y/n):	<u>NA</u>
12v Battery Voltage [bat_volt]:	<u>12.618</u>		Left Staff Plate [2]:	<u>NA</u>
Spare 12v Battery Voltage:	<u>NA</u>		Right Staff Plate [2]:	<u>NA</u>
		DUMP PAGE	Inside Staff Plate [2]:	<u>NA</u>

ISCO 501 USE INFORMATION: Sample OK (O) Low Volume (L) High Volume (H) Discarded (X) Empty (E) Not Used (N)

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24


Notes:

Site (xxx):	ETR		RETRIEVE DUMP RECORD
Hydro Year (####):	2001		FIND DUMP RECORD
Data Dump (#):	66		NEXT DUMP
Data Logger:	X14856		PREVIOUS DUMP
TTS Program Revision:	3.1		FIELD FORM PAGE
Pressure Transducer ID#:	275		CREATE TEXT FILE
min_stg:	0.4		CLOSE FORM
stg_off:	-0.22500		DEFAULT VALUES
stg_mult:	2.4122		ARCHIVE
T-Probe ID Number:	430		PASSWORD
turb_off:	0.000		
turb_mult:	0.800		
ISCO ID Number:	8		

Field Form Number:	29	NEW FIELD FORM RECORD	Clock Reset (y/n):	Y
Date (mm/dd/yyyy):	2-26-01	NEXT FIELD FORM	Water in ISCO Base (y/n):	-
Time of Staff Plate Reading:	17:01	PREVIOUS FIELD FORM	Data Dumped (y/n):	N
Observers:	CF		T-Probe Optics Cleaned (y/n):	Y
Electronic Stage [stage]:	9.2956		T-Probe Debris Removed (y/n):	N
Turbidity [med turb]:	17.00		Change in Boom Height:	0.5
Auxiliary Sample (y/n):	N		Left Staff Plate [1]:	NA
Depth Integrated Sample (y/n):	N		Right Staff Plate [1]:	0.70
Bottle (ISCO):	16		Inside Staff Plate [1]:	NA
nxt_bot (Campbell):	16		Stilling Well Cleared (y/n):	NA
Gell Cell ID Number:	NA		Flume/Wier Cleared (y/n):	NA
12v Battery Voltage [bat_volt]:	13.352		Left Staff Plate [2]:	NA
Spare 12v Battery Voltage:	NA		Right Staff Plate [2]:	NA
		DUMP PAGE	Inside Staff Plate [2]:	NA

ISCO BOTTLE INFORMATION: Sample OK (O) Low Volume (L) High Volume (H) Discarded (X) Empty (E) Not Used (N)																							
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Notes: Graph 1 says stage jumped @ 15:40 + up + down 6' / 3' stage is 9.8146 @ 16:50 cleaned sediment away from end of pipe was 1/2 way up staff plate 0.70 @ 16:50 + 17:01 HACH CELL GRAB SAMPLE 17:01 changed desiccant in pressure transd. box
 STAGE GOES BACK DOWN TO 0.7469 @ 17:16 CF

Site (xxx):	FTR	TTS FIELD FORM	RETRIEVE DUMP RECORD
Hydro Year (####):	2001		FIND DUMP RECORD
Data Dump (##):	6		NEXT DUMP
Data Logger:	X14856		PREVIOUS DUMP
TTS Program Revision:	3.1		FIELD FORM PAGE
Pressure Transducer ID #:	275		CREATE TEXT FILE
min_stg:	0.4		CLOSE FORM
stg_off:	-0.2256		
stg_mult:	2.4122		
T-Probe ID Number:	430		DEFAULT VALUES
turb_off:			ARCHIVE
turb_mult:	0.800	PASSWORD:	
ISCO ID Number:	8		

Field Form Number:	30
Date (mm/dd/yyyy):	3-1-01
Time of Staff Plate Reading:	17:16
Observers:	CF/TR
Electronic Stage (stage):	0.55967
Turbidity (med_turb):	13.00
Auxiliary Sample (y/n):	N
Depth Integrated Sample (y/n):	N
Bottle (ISCO):	
Ext_bot (Campbell):	
Well Cell ID Number:	NA
12v Battery Voltage (bat_volt):	12.628
Prepare 12v Battery Voltage:	NA

NEW FIELD FORM RECORD
NEXT FIELD FORM
PREVIOUS FIELD FORM
DUMP PAGE



Clock Reset (y/n):	N
Water in ISCO Base (y/n):	N
Data Dumped (y/n):	Y
T-Probe Optics Cleaned (y/n):	Y
T-Probe Debris Removed (y/n):	N
Change in Boom Height:	0.45
Left Staff Plate [1]:	NA
Right Staff Plate [1]:	0.51
Inside Staff Plate [1]:	NA
Stilling Well Cleared (y/n):	NA
Flume/Wier Cleared (y/n):	NA
Left Staff Plate [2]:	NA
Right Staff Plate [2]:	NA
Inside Staff Plate [2]:	NA


ISCO BOTTLE INFORMATION: Sample OK (O) Low Volume (L) High Volume (H) Discarded (X) Empty (E) Not Used (N)																							
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24


Notes:

END DUMP 6
 START DUMP 7

DAILY 0.02
 RAIN 0.00
 SEASON 13.32
 NOT ADJUSTED

DUMP COUNT DIDN'T INCREMENT
 1ST WAKE UP AFTER FLAG SET
 TURNED COMPUTER ON/OFF
 INCREMENTED ALL GOOD

Site (xxx):	FTR	TTS FIELD FORM 	RETRIEVE DUMP RECORD
Hydro Year (####):	2001		FIND DUMP RECORD
Data Dump (#):	7		NEXT DUMP
Data Logger:	X14856		PREVIOUS DUMP
TTS Program Revision:	3.1		FIELD FORM PAGE
Pressure Transducer ID #:	275		CREATE TEXT FILE
min_stg:	0.4		CLOSE FORM
stg_off:	-0.225		
stg_mult:	2.4122		
T-Probe ID Number:	430		
turb_off:	0.000		
turb_mult:	0.800		
ISCO ID Number:	8		
			DEFAULT VALUES
			ARCHIVE
			PASSWORD

Field Form Number:	31	NEW FIELD FORM RECORD	Clock Reset (y/n):	Y
Date (mm/dd/yyyy):	3-12-01	NEXT FIELD FORM	Water in ISCO Base (y/n):	N
Time of Staff Plate Reading:	15:01	PREVIOUS FIELD FORM	Data Dumped (y/n):	Y
Observers:	C. FEJTOJ		T-Probe Optics Cleaned (y/n):	Y
Electronic Stage [stage]:	0.51503		T-Probe Debris Removed (y/n):	Y MINOR
Turbidity [med_turb]:	8.0		Change in Boom Height:	0.4
Auxiliary Sample (y/n):	N		Left Staff Plate [1]:	NA
Depth Integrated Sample (y/n):	N		Right Staff Plate [1]:	0.49
Bottle (ISCO):	15		Inside Staff Plate [1]:	NA
next_bot (Campbell):	15		Sillling Well Cleared (y/n):	NA
Gell Cell ID Number:	NA		Flume/Wier Cleared (y/n):	NA
12v Battery Voltage [bat_volt]:	15.476		Left Staff Plate [2]:	NA
Spare 12v Battery Voltage:	NA		Right Staff Plate [2]:	NA
		Inside Staff Plate [2]:	NA	
		DUMP PAGE		


LA HOUSING

ISCO BOTTLE INFORMATION: Sample OK (O) Low Volume (L) High Volume (H) Discarded (X) Empty (E) Not Used (N)

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O									

Notes: Clean optics @ 14:35 MAIN FLOW ALL THE WAY ACROSS. POOL BELOW BOOM FILLING IN CHANGE DESSICANT DATALOGGER/TRANSDUCER TURB CHANGED FROM 14.0 TO 7.0 AFTER CLEANING DUMP 7 @ 15:08 PUT ON TTS 3.2 @ 15:53 RESEND 16:14 CHANGED FROM 10 MIN WAKE UP TO 15 MIN. EMPTIED 10.80" OF WATER TERRY'S RAW GAUGE

cleaned tipping rain gauge - caused 3 tips
 All good - Rand is happy.


Site (xxx):	FTR	<h3>TTS FIELD FORM</h3> 	RETRIEVE DUMP RECORD
Hydro Year (####)	2001		FIND DUMP RECORD
Data Dump: (#)	8		NEXT DUMP
Data Logger:	X14856		PREVIOUS DUMP
TTS Program Revision:	3.1		FIELD FORM PAGE
Pressure Transducer ID #:	275		CREATE TEXT FILE
min_stg:	0.4		CLOSE FORM
stg_off:			
stg_mult:	2.4122		
T-Probe ID Number:	430		DEFAULT VALUES
turb_off:	0.000		ARCHIVE
turb_mult:	0.800		PASSWORD:
ISCO ID Number:	5F8		


Field Form Number:	32	NEW FIELD FORM RECORD	Clock Reset (y/n):	Y
Date (mm/dd/yyyy):	3-29-01	NEXT FIELD FORM	Water in ISCO Base (y/n):	N
Time of Staff Plate Reading:	15:46	PREVIOUS FIELD FORM	Data Dumped (y/n):	N
Observers:	C. FEUTOJ		T-Probe Optics Cleaned (y/n):	Y
Electronic Stage (stage):	0.65819		T-Probe Debris Removed (y/n):	N
Turbidity (med_turb):	21.0		Change in Boom Height:	0.5 STAY
Auxiliary Sample (y/n):	N		Left Staff Plate [1]:	NA
Depth Integrated Sample (y/n):	N		Right Staff Plate [1]:	0.61
Bottle (ISCO):	14		Inside Staff Plate [1]:	NA
xt_bot (Campbell):	14		Stilling Well Cleared (y/n):	NA
Well Cell ID Numbers:	NA		Flume/Wier Cleared (y/n):	NA
12v Battery Voltage [bat_volt]:	15.686		Left Staff Plate [2]:	NA
Compare 12v Battery Voltage:	NA	DUMP PAGE	Right Staff Plate [2]:	NA
			Inside Staff Plate [2]:	NA



ISCO BOTTLE INFORMATION - Sample OK (O) Low Volume (L) High Volume (H) Discarded (D) Empty (E) Not Used (N)																								
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	

Notes:
 checked telephone time - matches w/in 20 sec of datalogger/computer
 cleaned optics OBS-3 22.0 before 21.0 NTU after
 datalogger time 15:47 STAGE 0.65819 HACH CELL ID # 01GR 0700
 TURNED COMPUTER ON/OFF TO CLEAR RAM BEFORE STARTING
 STAGE WENT TO 0.60826


Site (xxx):	EFR		RETRIEVE DUMP RECORD
Hydro Year (###):	2001		FIND DUMP RECORD
Data Dump (##):	8		NEXT DUMP
Data Logger:	X1485E		PREVIOUS DUMP
TTS Program Revision:	3.1		FIELD FORM PAGE
Pressure Transducer ID #:	275		CREATE TEXT FILE
min_stg:	0.4		CLOSE FORM
stg_off:	-0.27315		DEFAULT VALUES
stg_mult:	2.4122		ARCHIVE
T-Probe ID Number:	430		PASSWORD
turb_off:	0.000		
turb_mult:	0.800		
ISCO ID Number:	8		


Field Form Number:	33	NEW FIELD FORM RECORD	Clock Reset (y/n):	N
Date (mm/dd/yyyy):	4-4-01	NEXT FIELD FORM	Water in ISCO Base (y/n):	N
Time of Staff Plate Reading:	16:46	PREVIOUS FIELD FORM	Data Dumped (y/n):	N
Observers:	C.F		T-Probe Optics Cleaned (y/n):	Y
Electronic Stage [stage]:	0.45596		T-Probe Debris Removed (y/n):	N
Turbidity [med_turb]:	9		Change in Boom Height:	N
Auxiliary Sample (y/n):	N		Left Staff Plate [1]:	NA
Depth Integrated Sample (y/n):	N		Right Staff Plate [1]:	0.46
Bottle (ISCO):	17		Inside Staff Plate [1]:	NA
nxt_bot (Campbell):	17		Stilling Well Cleared (y/n):	NA
Gell Cell ID Number:	NA		Flume/Wier Cleared (y/n):	NA
12v Battery Voltage [bat_volt]:			Left Staff Plate [2]:	NA
Spare 12v Battery Voltage:	NA		Right Staff Plate [2]:	NA
		Inside Staff Plate [2]:	NA	

ISCO BOTTLE INFORMATION Sample OK (O) Low Volume (L) High Volume (H) Discarded (X) Empty (E) Not Used (N)

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	

Notes: OBS-3 went from 17 to 4 at cleaning, all else is good van 0.00 DAILY 0.00


Site (xxx):	FTR		RETRIEVE DUMP RECORD
Hydro Year (####)	2001		FIND DUMP RECORD
Data Dump (##)	8 → 4		NEXT DUMP
Data Logger	X14856		PREVIOUS DUMP
TTS Program Revision	3.1		FIELD FORM PAGE
Pressure Transducer ID #	275		CREATE TEXT FILE
min_stg	0.4		CLOSE FORM
stg_off	-0.27315		
stg_mult	12.4122		
T-Probe ID Number	430		
turb_off	0.000		
turb_mult	0.800		
ISCO ID Number	8		


Field Form Number	34	NEW FIELD FORM RECORD	Clock Reset (y/n)	N
Date (mm/dd/yyyy)	4-6-01	NEXT FIELD FORM	Water in ISCO Base (y/n)	N
Time of Staff Plate Reading	17:05	PREVIOUS FIELD FORM	Data Dumped (y/n)	Y
Observers	C.F.		T-Probe Optics Cleaned (y/n)	N
Electronic Stage (stage)	0.		T-Probe Debris Removed (y/n)	N
Turbidity (med_turb)	11.0		Change in Boom Height	1
Auxiliary Sample (y/n)	N		Left Staff Plate [1]	NA
Depth Integrated Sample (y/n)	N		Right Staff Plate [1]	0.62
Bottle (ISCO)	1		Inside Staff Plate [1]	NA
Ext_bot (Campbell)	1		Stilling Well Cleared (y/n)	NA
Well Cell ID Number	NA		Flume/Wier Cleared (y/n)	NA
2v Battery Voltage (bat_volt)	12.999		Left Staff Plate [2]	NA
Compare 12v Battery Voltage	NA		Right Staff Plate [2]	NA
			Inside Staff Plate [2]	NA
			DUMP PAGE	

ISCO BOTTLE INFORMATION: Sample OK (O) Low Volume (L) High Volume (H) Discarded (D) Empty (E) Not Used (N)																							
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Notes: Collected Dump 8 @ 14:08 F# 010312
 Terry suspicious still of TTS program

VOLTAGE + STAGE NEXT WEEKEND WAKE-UP AFTER MISSED DUMP

Site (xxx)	FTR	TTS FIELD FORM 	RETRIEVE DUMP RECORD
Hydro Year (####)	2001		FIND DUMP RECORD
Data Dump (#)	9		NEXT DUMP
Data Logger	X14856		PREVIOUS DUMP
TTS Program Revision	3.1		FIELD FORM PAGE
Pressure Transducer ID #	275		CREATE TEXT FILE
min_stg	0.4		CLOSE FORM
stg_off	-0.273		
stg_mult	12.4122		
T-Probe ID Number	430		
turb_off	0.000		
turb_mult	0.800		
ISCO ID Number	8		
			DEFAULT VALUES
			ARCHIVE
		PASSWORD	

Field Form Number	35	NEW FIELD FORM RECORD	Clock Reset (y/n)	N
Date (mm/dd/yyyy)	4/18/01	NEXT FIELD FORM	Water in ISCO Base (y/n)	NA
Time of Staff Plate Reading	0.48	PREVIOUS FIELD FORM	Data Dumped (y/n)	N
Observers	Roelofs		T-Probe Optics Cleaned (y/n)	Y
Electronic Stage [stage]	0.4688		T-Probe Debris Removed (y/n)	N
Turbidity [med_turb]	500		Change in Boom Height	N
Auxiliary Sample (y/n)	N		Left Staff Plate [1]	NA
Depth Integrated Sample (y/n)	N		Right Staff Plate [1]	
Bottle (ISCO)	NA		Inside Staff Plate [1]	NA
nxt_bot (Campbell)	19		Stilling Well Cleared (y/n)	NA
Gell Cell ID Number	NA		Flume/Wier Cleared (y/n)	NA
12v Battery Voltage [bat_volt]	12.615		Left Staff Plate [2]	NA
Spare 12v Battery Voltage	NA		Right Staff Plate [2]	NA
		DUMP PAGE	Inside Staff Plate [2]	NA


ISCO Bottle Information: Sample OK (O), Low Volume (L), High Volume (H), Discarded (D), Empty (E), Not Used (N)

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	

Notes:

Turbidity of 50 seemed too high - cleaned optics at 12:50* (actual time was 13:15 - clocks need to be changed to day light savings) - next wakeup turbidity was 90

* PC Time, data logger ~~to~~ 6 min, 15 seconds behind

Site (xxx):	FTR		RETRIEVE DUMP RECORD
Hydro Year (####):	2001		FIND DUMP RECORD
Data Dump (#):	9		NEXT DUMP
Data Logger:	X14856		PREVIOUS DUMP
TTS Program Revision:	3.1		FIELD FORM PAGE
Pressure Transducer ID #:	275		CREATE TEXT FILE
min_stg:	0.4		CLOSE FORM
stg_off:	-0.27315		DEFAULT VALUES
stg_mult:	2.4122		ARCHIVE
T-Probe ID Number:	430		PASSWORD
turb_off:	0.0000		
turb_mult:	0.800		
ISCO ID Number:	8		

Field Form Number:	36
Date (mm/dd/yyyy):	4-14-01
Time of Staff Plate Reading:	3:46
Observers:	C.F.
Electronic Stage (stage):	0.50175
Turbidity (med_turb):	8.000
Auxiliary Sample (y/n):	N
Depth Integrated Sample (y/n):	N
Bottle (ISCO):	20
Ext_bot (Campbell):	20
Cell ID Number:	NA
12v Battery Voltage [bat_volt]:	15.769
Spare 12v Battery Voltage:	NA


NEW FIELD FORM RECORD
NEXT FIELD FORM
PREVIOUS FIELD FORM


DUMP PAGE

Clock Reset (y/n):	Y
Water in ISCO Base (y/n):	N
Data Dumped (y/n):	N
T-Probe Optics Cleaned (y/n):	N
T-Probe Debris Removed (y/n):	N
Change in Boom Height:	0.4
Left Staff Plate [1]:	NA
Right Staff Plate [1]:	0.51
Inside Staff Plate [1]:	NA
Stilling Well Cleared (y/n):	NA
Flume/Wier Cleared (y/n):	NA
Left Staff Plate [2]:	NA
Right Staff Plate [2]:	NA
Inside Staff Plate [2]:	NA

ISCO 501 INFORMATION: Sample OK (O) Low Volume (L) High Volume (H) Discarded (X) Empty (E) No User (N)																							
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

Notes: Optics + Intake 2-3" above bottom @ 0.5-0.4 boom height

Site (xxx):	FTR		RETRIEVE DUMP RECORD	
Hydro Year (####)	2001		FIND DUMP RECORD	
Data Dump (##)	9		NEXT DUMP	
Data Logger	X14856		PREVIOUS DUMP	
TTS Program Revision	3.1		FIELD FORM PAGE	
Pressure Transducer ID #	275		DEFAULT VALUES	
min_stg.	0.4		ARCHIVE	
stg_off.	-0.07315		PASSWORD	CREATE TEXT FILE
stg_mult.	12.4122			CLOSE FORM
T-Probe ID Number	430			
turb_off.	0.0000			
turb_mult.	0.800			
ISCO ID Number	8			


Field Form Number	37	NEW FIELD FORM RECORD	Clock Reset (y/n)	N
Date (mm/dd/yyyy)	4-20-01	NEXT FIELD FORM	Water in ISCO Base (y/n)	
Time of Staff Plate Reading	14:16	PREVIOUS FIELD FORM	Data Dumped (y/n)	Y
Observers	A. FEUDN		T-Probe Optics Cleaned (y/n)	Y
Electronic Stage (stage)	0.7067		T-Probe Debris Removed (y/n)	N
Turbidity (med_turb)	17.000		Change in Boom Height	N
Auxiliary Sample (y/n)	N		Left Staff Plate [1]	NA
Depth Integrated Sample (y/n)	N		Right Staff Plate [1]	0.69
Bottle (ISCO)	22		Inside Staff Plate [1]	NA
next_bot (Campbell)	22		Stilling Well Cleared (y/n)	NA
Gell Cell ID Number	NA		Flume/Wier Cleared (y/n)	NA
12v Battery Voltage [bat_volt]	13.00		Left Staff Plate [2]	NA
Spare 12v Battery Voltage	NA		Right Staff Plate [2]	NA
		DUMP PAGE	Inside Staff Plate [2]	NA

ISCO BOTTLE INFORMATION: Sample OK (O), Low Volume (L), High Volume (H), Discarded (X), Empty (E), Not Used (N)


01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	N	N	N

Notes:

Changed Dessicant both Datalogger + Transducer
 DUG OUT AROUND BOOM + TRANSDUCER PIPE @ 1:50 → 1:55
 Collected Dump 9 @ 14:05 NO HCL IN BOTTLES
 OBS-3/HACH CHECK FLOW BANK TO BANK @ BOOM
 L 17.0 L 16.4 NTU ✓ good

Site (xxx):	ETR		RETRIEVE DUMP RECORD
Hydro Year (####)	2001		FIND DUMP RECORD
Data Dump (##)	10		NEXT DUMP
Data Logger	X14856		PREVIOUS DUMP
TTS Program Revision	3.1		FIELD FORM PAGE
Pressure Transducer ID #	275		CREATE TEXT FILE
min_stg	0.4		CLOSE FORM
stg_off	-		
stg_mult	2.4122		
T-Probe ID Number	430		
turb_off	0.00		
turb_mult	0.800		
ISCO ID Number	8		

Field Form Number	38
Date (mm/dd/yyyy)	5-1-01
Stage of Staff Plate Reading	15.46
Observers	C. FENTON
Electronic Stage (stage)	0.55184
Turbidity (med_turb)	15.00
Auxiliary Sample (y/n)	N
Depth Integrated Sample (y/n)	N
Bottle (ISCO)	3
Ext_bot (Campbell)	5
Well Cell ID Number	NA
12v Battery Voltage (bat_volt)	15.410
Compare 12v Battery Voltage	NA

NEW FIELD FORM RECORD
NEXT FIELD FORM
PREVIOUS FIELD FORM

DUMP PAGE


Clock Reset (y/n)	N
Water in ISCO Base (y/n)	N
Data Dumped (y/n)	
T-Probe Optics Cleaned (y/n)	Y
T-Probe Debris Removed (y/n)	N
Change in Boom Height	0.3
Left Staff Plate [1]	NA
Right Staff Plate [1]	0.43
Inside Staff Plate [1]	NA
Stilling Well Cleared (y/n)	NA
Flume/Wier Cleared (y/n)	NA
Left Staff Plate [2]	NA
Right Staff Plate [2]	NA
Inside Staff Plate [2]	NA


ISCO BOTTLE INFORMATION - Sample OK (O) Low Volume (L) High Volume (H) Discarded (D) Empty (E) Not Used (N)																									
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		

BOOM INTAKE + OPTICS STILL IN MAIN FLOW
 TURNED MONITOR ON/OFF TO CLEAR RAM -
 NO CHANGE @ WAKEUP 15:45 by 15:48
 CAMPBELL NXT BOTTLE 3 ISCO 5
 CHANGED STAGE OFFSET TO -0.39515 STAYS GREY W/ENTER VOLTAGE
 checked base 4 bottles full - good vol.
 changed next BOTTLE DISPLAY TO 5.00 FROM 3.00 STAYS GREY
 TURB DROPS TO 9.00 NTU VOLTAGE 16:05 16.080 LOOKS GOOD

TURNED COMPUTED OFF/ON ALL CAME BACK WILL SWITCH STAGE OFFSET BACK

DUMPED BOTTLE ISCO ADVANCED

Site (xxx):	ETR	TTS FIELD FORM 	RETRIEVE DUMP RECORD
Hydro Year (####):	2001		FIND DUMP RECORD
Data Dump (#):	10		NEXT DUMP
Data Logger:	X14856		PREVIOUS DUMP
TTS Program Revision:	3.1		FIELD FORM PAGE
Pressure Transducer ID #:	275		CREATE TEXT FILE
min_stg:	0.4		CLOSE FORM
stg_off:	-0.2731		
stg_mult:	2.4122		
T-Probe ID Number:	430		DEFAULT VALUES
turb_off:	0.000		ARCHIVE
turb_mult:	0.800		PASSWORD:
ISCO ID Number:	8		

Field Form Number:	39	NEW FIELD FORM RECORD	Clock Reset (y/n):	Y
Date (mm/dd/yyyy):	5-3-01	NEXT FIELD FORM	Water in ISCO Base (y/n):	N
Time of Staff Plate Reading:	15:31	PREVIOUS FIELD FORM	Data Dumped (y/n):	N
Observers:	G. FEJON		T-Probe Optics Cleaned (y/n):	Y
Electronic Stage [stage]:	0.3382		T-Probe Debris Removed (y/n):	N
Turbidity [med turb]:	14.00		Change in Boom Height:	N
Auxiliary Sample (y/n):	N		Left Staff Plate [1]:	NA
Depth Integrated Sample (y/n):	N		Right Staff Plate [1]:	0.39
Bottle (ISCO):	7		Inside Staff Plate [1]:	NA
next_bot (Campbell):	7		Sillling Well Cleared (y/n):	NA
Gell Cell ID Number:	NA		Flume/Wier Cleared (y/n):	NA
12v Battery Voltage [bat_volt]:	16.043		Left Staff Plate [2]:	NA
Spare 12v Battery Voltage:	NA		Right Staff Plate [2]:	NA
		DUMP PAGE	Inside Staff Plate [2]:	NA

ISCO ISOTIME INFORMATION: Sample OK (O) Low Volume (L) High Volume (H) Discarded (X) Empty (E) Not Used (N)

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Notes: UNPLUGGED CHARGER 16 V TOO HIGH
 WILL ASK TERRY TO PLUG IN INTERMITTENTLY
 WATER LEVELS GOOD IN BATTERY

HY 2000

TTS Field Form

River Freshwater Station TR Date 990104 FF # L
 Time 1100 Party REE IN Stage 0.41
 Next Sample # 1 Debris on Boom: No Yes Debris Removed: No Yes
 Time Boom Lifted T-Probe Fouling: None Sediment Organics
 Optics Cleaned: No Yes Time Boom Submerged
 Boom Depth 0.5 Cable Mark LOWEST MARK = 0

avg_stg med_turb btl_cnt dump_cnt
 bat_volt DI Sample: No Yes AUX Sample: No Yes
 Data Dumped: No Yes Filename
 # Samples Bottles: Removed Discarded Missing
 Sample Volumes OK: No Yes Water in ISCO Base: No Yes
 ISCO Reset to Bottle 1: No Yes Clock Reset: No Yes

Comments ISCO SETTINGS: VOL = 50
SUCTION HEAD 9 SUCTION LINE 1/4 X 22
MULTIPLEX = OFF SAMPLE INTERVAL = 001
SWITCH = FLOW.
AT THE CURRENT BOOM DEPTH THE SLOT IN
THE HOUSING IS 9" ABOVE THE BED. OPTICS
LOOK CLEAN. DRUCK OFFSET = .18
MIN-STAGE = 0.38 FOR THIS BOOM DEPTH.
FIRST WAKE-UP @ 1300. STAGE IS
TOO LOW = 0.35 -> FIX NEXT TIME.

Supplies Needed

Freshwater Creek: Station FTR

Date 10 Oct 99 Time 1435 FF # 3
Observers T. Poelofs Staff Plate 0.14
Boom Depth ~0.3' Cable Mark _____
Time Boom Lifted 1435 Debris on Boom: No Yes
Debris On/Near Optics: No Yes Debris Removed: No Yes
Optics Cleaned with Soap: No Yes Time Boom Submerged 1430
Next ISCO Sample # 1 Sample Volumes About 1/3: No Yes

Data Logger Display

Time _____ stage _____ med turb _____ nxt_isco _____
dump_cnt _____ bat_volt _____ Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump

Filename _____
Bottle Numbers: Removed _____ Missing _____
Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Fish 560 class working upstream
surveying transects and putting in
pointed rocks.

Supplies Needed _____

Freshwater Creek: Station FTR

Date 9/17/10 Time 1328 FF# 2
Observers RE Staff Plate 05
Boom Depth 1.1 Cable Mark 1.1
Time Boom Lifted 1.1 Debris on Boom: No Yes
Debris On/Near Optics: No Yes Debris Removed: No Yes
Optics Cleaned with Soap: No Yes Time Boom Submerged _____
Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 250 stage 1.1 med_turb 0 nxt_isco _____
dump_cnt 2 bat_volt 1.6 Data Logger Clock Reset: No (Yes)

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump

Filename F1990810.017
Bottle Numbers: Removed _____ Missing _____
Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Connect T-probe
Boom in the stream around 1320
1315 ft 115 turb out of water
1320 turb = 9.0
1338 change turb-off to -17

Supplies Needed _____

Freshwater Creek: Station FTR

Date 10-5-99 Time 16:44 FF# 4

Observers C. FENTON Staff Plate 0.20'

Boom Depth 0.3 Cable Mark reel touching 4" below wve wrap

Time Boom Lifted 16:48 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 16:50

Next ISCO Sample # ? Sample Volumes About 1/3: No Yes NA

Data Logger Display

Time 17:00 stage 0.02630 med_turb 0.00000 nxt_isco 1.0000

* dump_cnt 2.0000 bat_volt 12.475 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Computer time 1 hr behind

No display when button on datalogger pushed

16:59 Grab Turbidity sample next to boom

w/ Turbidity meter 4614 - 1.99 NTU

17:18 stirred up water. No response med. turb 0.0000

Grab sample 7.20 NTU turb offset -17.0-grey
not black

10-2-99 C.F. 12:27 PM GRAB TURBIDITY SAMPLE

NEXT TO PROBE 1.58 NTU NO CURRENT BOOM 0.4

MED. TURB. 0.000

Supplies Needed _____

will call Jack tomorrow.

cannot get yellow anymore stays grey after next wake-up

when pushed enter

Freshwater Creek: Station FTR

Date 10 Oct 99 Time 1435 FF # 3

Observers T. Roelofs Staff Plate 0.14

Boom Depth ~0.3' Cable Mark _____

Time Boom Lifted 1435 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 1430

Next ISCO Sample # 1 Sample Volumes About 1/3: No Yes

=====
Data Logger Display

Time _____ stage _____ med_turb _____ nxt_isco _____

dump_cnt _____ bat_volt _____ Data Logger Clock Reset: No Yes

=====
Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

=====
Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

=====
Comments Fish 560 class working upstream
surveying transects and putting in
painted rocks.

Supplies Needed _____

Freshwater Creek: Station FTR

Date 10-23-99 Time 12:33 FF# 6
Observers C. FENTON Staff Plate 0.16
Boom Depth 0.6 Cable Mark wwe wrap 5" above reel
Time Boom Lifted 12:37 Debris on Boom: No Yes
Debris On/Near Optics: No Yes Debris Removed: No Yes
Optics Cleaned with Soap: No Yes Time Boom Submerged 12:39
Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 12:32:16 stage 0.18232 med_turb 4.000 nxt_isco 1.0000
dump_cnt 2.000 bat_volt 12.434 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump

Filename _____
Bottle Numbers: Removed _____ Missing _____
Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments boom on bottom, raised boom to
0.5 just off bottom - probe housing 1" below
water surface stg-off - 0.27400 turb-off - 15.470
disch 3.7009 PC clock 12:44:10 Data Logger 12:45:59
Display 12:44 need to synch all
med Turb @ 12:47 0.000 stage 0.17697
Do Discharge @ Gwidge 13:18 -> 13:40 no velocity
enough to move pygmy all the way across

Supplies Needed _____

Freshwater Creek: Station FTR

Date 10-6-99 Time 16:29 FF# 5

Observers C.F. / J.N. Staff Plate 0.21

Boom Depth _____ Cable Mark _____

Time Boom Lifted _____ Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 16.29 stage 0.10581 med_turb 0.0000 nxt_isco 1.000

dump_cnt 2.000 bat_volt 12.465 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Changed turb_offset from -17.000 to -15.470 and stage offset from 0.39400 to 0.50400.

Turb grab sample was 1.50

Staff plate 0.21 error -0.11 new offset -0.504

stage + turb no change at 16:30 wake-up

Stg - offset -0.00431

16:52 MED TURB 1.00 Changed Stg offset to -0.29400

Supplies Needed _____

Freshwater Creek: Station FTR

Date 10/28/99 Time 17:32 Controller FF# 8
15:32 computer
Observers JN. Staff Plate 0.40

Boom Depth 0.6 Cable Mark _____

IS ONE COMPUTER TIME
hr. Slow CONTROLLER TIME 17:33
Time Boom Lifted 2 MINUTE 16:33 Debris on Boom: No NOT ON OPTICS

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 2 MINUTES OUT 16:35
controller time is 17:35

Next ISCO Sample # 1 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 4:41 PM stage .42127 med_turb 0.000 nxt_isco 1.00
dump_cnt 2.000 bat_volt 12.58 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Turbidity still reads 0.000. offset is determined to be resulting in a negative number. Rand says change the offset, however I can't figure out how to change the value. The value can be highlighted yellow but delete, enter, backspace do not remove value. Therefore I changed offset to 1 by restarting computer and left clicking on numeric value and delete then set value of -1.000. Press Enter Key

Supplies Needed _____

Freshwater Creek: Station FTR

Date 10-27-99 Time 16:15 FF# 7

Observers C. FENTON Staff Plate 0.28

Boom Depth 0.6 Cable Mark _____

Time Boom Lifted 16:22 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 16:24

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 16:18 stage 0.28513 med_turb 0.000 nxt_isco 1.000

dump_cnt 2.000 bat_volt 12.386 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments HACH CELL grab sample next to BOOM
3.31 NTU Turbidimeter #9614 16:14

No red led display on controller on barrel
when knob left side depressed,

16:30:55 med_turb. 1.000

Supplies Needed _____

Freshwater Creek: Station FTR

Date 991101 Time 1422 FF# 10
Observers RE Staff Plate 0.22
Boom Depth 0.5 Cable Mark _____
Time Boom Lifted _____ Debris on Boom: No Yes
Debris On/Near Optics: No Yes Debris Removed: No Yes
Optics Cleaned with Soap: No Yes Time Boom Submerged _____
Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 1423 stage .0245 med_turb 2.0 nxt_isco 1
dump_cnt 3 bat_volt 12.3 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump

Filename FT991031.03d
Bottle Numbers: Removed 0 Missing _____
Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Load rain calib. prgm @ 1427
RSL balance showed higher level on calib. bottle
Marked the "new" 411ml with sharpie. Tip
count indicates vol. was too high. Total
tips = 97 (some residual H2O did not drain)

-- 411 --

Checked T-probe with paper cover
output = 2.665mV which is a reasonable
value. TYS prgm restarted 1555

Supplies Needed _____

Freshwater Creek: Station FTR

Date 10-31-99

Time 1238

FF # 9

Observers RE CF

Staff Plate 0.250

Boom Depth 0.6

Cable Mark _____

Time Boom Lifted _____

Debris on Boom: No Yes

Debris On/Near Optics: No Yes

Debris Removed: No Yes

Optics Cleaned with Soap: No Yes

Time Boom Submerged _____

Next ISCO Sample # /

Sample Volumes About 1/3: No Yes

Data Logger Display

Time _____ stage _____ med_turb _____ nxt_isco _____

dump_cnt _____ bat_volt _____ Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump

Filename FT990910.02.d

Bottle Numbers: Removed 0 Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Rain gage not working

Prgm
changed stg-off = -031
Turb-off = -11

Supplies Needed _____

Freshwater Creek: Station FTR

Date 12-8-99 Time 16:29 FF# 12

Observers C.F. Staff Plate 0.300

Boom Depth _____ Cable Mark _____

Time Boom Lifted _____ Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 16:29 stage 0.27769 med_turb 4.000 nxt_isco 1.000
dump_cnt 4.000 bat_volt 12.397 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Grab sample HACH Turbidimeter
next to boom 1.11 NTU by C.F. @ 16:28

Supplies Needed _____

Freshwater Creek: Station FTR

Date 11-5-99

Time 16:33

FF # 11

Observers A.F.

Staff Plate 0.20

Boom Depth _____ Cable Mark _____

Time Boom Lifted 16:24

Debris on Boom: No Yes

Debris On/Near Optics: No Yes

Debris Removed: No Yes

Optics Cleaned with Soap: No Yes

Time Boom Submerged _____

Next ISCO Sample # _____

Sample Volumes About 1/3: No Yes

Data Logger Display

Time 17:46 stage 0.18833 med_turb 4.000 nxt_isco 1.000

dump_cnt 4.000 bat_volt 12.390 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Discharge by Fishtrap with
John Bair 17:25 Pygmy Meter SF#5

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 99 11-14 Time _____ FF # 14

Observers C.F./R.E./T.R. Staff Plate 0.30

Boom Depth _____ Cable Mark _____

Time Boom Lifted _____ Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time _____ stage _____ med_turb _____ nxt_isco 1.0

dump_cnt 5 bat_volt 12.347 disch _____

stg_off _____ turb_off -12.346 temp _____ rain/season 4.3

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename Ft 991101.04 d

Bottle Numbers: Removed JUST #3 Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Calibration of Pres. Trans, TEMP, Turb.

Temp good - left alone, Pres-calib, Turb OBS-3

Calib, Formazin - New slope + offset, New

slope Pressure 2.3084 - Turb slope 0.7715 offset -12.346

Cleaned Probe optics w/Calib - back in water 0.5

ISCO on next bottle 6 no H₂O, little in #3, check manual o.k.

Supplies Needed _____

<u>2</u>		
<u>3000</u>	<u>.1678</u>	<u>-.394</u>
<u>.1678</u>	<u>.1322</u>	<u>.132</u>
<u>.1322</u>	<u>00</u>	<u>-.742</u>

1.35
1.75
3.10

HY 2000

Freshwater Creek: Station FTR

Date 11-14-99 Time _____ FF # 13

Observers R.E/C.F/T.R. Staff Plate _____

Boom Depth _____ Cable Mark _____

Time Boom Lifted _____ Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

LIB
FO
FF14

Data Logger Display

Time _____ stage _____ med_turb _____ nxt_isco _____

dump_cnt _____ bat_volt _____ disch _____

stg_off _____ turb_off _____ temp _____ rain/season _____

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments 11-11-99 @ 17:40 noted CRIOX DATALOGGER CONNECTION DISCONNECTED, RECONNECTED

subtract add TIPS FROM today's records in the raw file

991112 Adj rain gage + check calib in m/s/tip

4.7 5.2 4.8 5.0 4.4 4.8 4.7 4.9 4.5 4.9

4.5 4.9 4.5 5.2 4.6 5.2 4.4 4.9 4.6 5.3

N = 20 \bar{x} = 4.55 ml/tip

Supplies Needed _____

TTS Field Form New/word98/cf/11-99

2.8
91.05
4.55

HY 2000

Freshwater Creek: Station FTR

Date 99-11-16 Time 17:51 FF # 16

Observers C.F. Staff Plate 1.12

Boom Depth 1.5 Cable Mark _____

Time Boom Lifted _____ Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 17:51 stage 1.1529 med turb 85.00 nxt_isco 4.000
dump_cnt 5.00 bat_volt 2.372 disch 87.524
stg_off -0.26200 turb_off -11.00 temp 11.287 rain/season 148.30

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Checked ISCO @ 18:01 - 3 bottles in positions
1,2,3, - ISCO working
I took HACH cell @ 17:59 & got 41.3 NTU

1.5" in Terry's rain gauge for this storm

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 991115 Time 17:03:35 FF # 15

Observers C.F. Staff Plate 0.30

Boom Depth 0.5 Cable Mark _____

Time Boom Lifted _____ Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 17:03 stage 0.30518 med_turb 2.000 nxt_isco 1.000
dump_cnt 5.0 bat_volt 12.402 disch 8.9544 rain - daily 2.000
stg_off - 0.2620 turb_off -11.00 temp 12.800 rain/season 11.3
Data Logger Clock Reset: No Yes Stg - mult 2.3084 turb_mult 0.77750

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments New Calibration Check. Turbidity
Probe w/w 1.0 NTU of HACH Clark took HACH cell @ boom
0.64 NTU - good comparison w/2.0 with OBS-3 probe.
Staff plate good with pressure transducer. Temp probe
was exactly same as calib temp yesterday so left calib
alone. Rain gauge - daily reads 2.0 - need checking
Med - turb @ 1.000 @ 17:18

Supplies Needed SMALL DESSICANT FOR PRESSURE TRANS.

HY 2000

Freshwater Creek: Station FTR

Date 991119 Time 16:57 FF # 18

Observers C.F. Staff Plate 0.49

Boom Depth 0.5 Cable Mark _____

Time Boom Lifted 17:03 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 17:05

Next ISCO Sample # 4 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 16:57 stage 0.48876 med_turb 21.00 nxt_isco 4

dump_cnt 5.0 bat_volt 12.397 disch 20.085

stg_off -0.262 turb_off -11.00 temp 11.346 rain/season 226.30

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments HACH CELL @ boom @ 17:04 - 9.3 NTU
Data logger Display @ 17:16. red_turb 10.00

Supplies Needed More Field Forms

HY 2000

Freshwater Creek: Station FTR

Date 18 NOV 99 Time 0700 FF # 17

Observers TR Staff Plate _____

Boom Depth _____ Cable Mark _____

Time Boom Lifted _____ Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 0705 stage 0.36 med turb 10 nxt isco 4

dump_cnt 5 bat_volt _____ disch 11.97

stg_off _____ turb_off -11.00 temp 10.33 rain/season _____

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Dumped 1.9" from rain gauge (1.5" from Mon-Tues rain), 0.4" last night

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 11/24/99 Time 10:11 Am FF # 19 A
Observers JN Staff Plate 0.36
Boom Depth .8 Cable Mark _____
Time Boom Lifted 10:04 Debris on Boom: No Yes
Debris On/Near Optics: No Yes Debris Removed: No Yes
Optics Cleaned with Soap: No Yes Time Boom Submerged 10:06
Next ISCO Sample # 5 Sample Volumes About 1/3: No Yes Yes

Data Logger Display

Time 10:24 stage .40397 med turb 7.0 nxt isco 5.0
dump_cnt 5 bat_volt 12.212 disch 14.486
stg_off 0.262 turb_off -11.00 temp 9.935 rain/season 22.0
Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____
DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____
Bottle Numbers: Removed _____ Missing _____
Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments _____

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

SUNDAY

Date 991121 Time 14:30:24 FF # 19

Observers C.F. R.E. Staff Plate 0.72

Boom Depth 0.8 Cable Mark wve 4" above winch

Time Boom Lifted 14:36 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 14:38

Next ISCO Sample # 5 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 14:30 stage 0.74170 med turb 21.00 nxt isco 5.000

dump_cnt 5.000 bat_volt 10.430 disch 41.072

stg_off -0.2620 turb_off -11.000 temp 10.001 rain/season 2.0

Data Logger Clock Reset: No Yes
RPS
RAND reset +
DIO 2
w/pipette

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Rand check rain gauges w/pipettes - tips
count OK - possibly readout needs to be ÷ 100 - old program
1 tip = .01"

14:47 med-TURB changes to 20.000

Discharge @ Pal Camp Bridge 14:50 by C.F.

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 30 NOV 99 Time 14:00 & 17:45 FF # 23
Observers TR CF JN Staff Plate 2.1 ± 5/100

Boom Depth _____ Cable Mark _____
Time Boom Lifted _____ Debris on Boom: No Yes
Debris On/Near Optics: No Yes Debris Removed: No Yes
Optics Cleaned with Soap: No Yes Time Boom Submerged _____
Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time _____ stage _____ med_turb _____ nxt_isco _____
dump_cnt _____ bat_volt _____ disch _____
stg_off _____ turb_off _____ temp _____ rain/season _____
Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____
DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____
Bottle Numbers: Removed _____ Missing _____
Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments 30 Nov 99 2pm - dumped ~2.4" from
rain gauge in garden

AUX 991130 17:45 WITH HACH GRAB SAMPLE @ 196 NTU
STAGE - STAFF PLATE 2.1 + MED-TURB 150.00

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 991128 Time 13:34 FF # 20

Observers C.F. Staff Plate 0.40

Boom Depth 0.45 Cable Mark 4" above winch

Time Boom Lifted 13:36 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 13:37

Next ISCO Sample # 5 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 13:49 stage 0.41394 med turb 4.000 nxt_isco 5.000

dump_cnt 5.00 bat_volt 12.431 disch 15.104

stg_off -0.2600 turb_off -11.000 temp 10.186 rain/season 44.000

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Need to edit rain data set.

Supplies Needed Box of HACH CELLS HERE

HY 2000

Freshwater Creek: Station FTR

Date 991202 Time 9:05 FF # 25 A

Observers C.F. Staff Plate 0.94

Boom Depth 0.6 Cable Mark B wive 1" above WINCH

Time Boom Lifted 9:08 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 9:09

Next ISCO Sample # 3 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 9:11 stage 0.47385 med_turb 28.0 nxt_isco 3.0

dump_cnt 6.0 bat_volt 12.187 disch 65.524

stg_off -0.262 turb_off -11.00 temp 9.9554 rain/season 152.00

Data Logger Clock Reset: No Yes Thr. count 144.0

Manual Sample Collection

DI Sample Time _____ AUX Sample Time 9:16 am

DI Bottle # _____ AUX Bottle # 3

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments

HACH CELL GRAB SAMPLED AT SAME TIME AUX BOTTLE #3
SAMPLE HACH - 28.6 NTU - OBS-3 28.00
Terry says no samples pumped latest
storm. I closed PC208W TOOLBAR + GRAPHS
ZEROED OUT. CAN WE CHANGE THAT?

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

e.F.
99 1201 ?

Date Nov 31, 99

Time 9:39

FF # 24

Observers JN

Staff Plate 1.34

Boom Depth 1.1 Cable Mark Copper winding

Time Boom Lifted 9:41

Debris on Boom: No Yes

Debris On/Near Optics: No Yes

Debris Removed: No Yes

Optics Cleaned with Soap: No Yes

Time Boom Submerged 9:41

Next ISCO Sample # _____

Sample Volumes About 1/3: No Yes

Data Logger Display

Time 9:51 stage 1.37 med_turb 42

nxt_isco 3

dump_cnt 6 bat_volt 12.175 disch 17.67

daily .02

stg_off -0.262 turb_off -11 temp _____

rain/season 1.04

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____

AUX Sample Time _____

DI Bottle # _____

AUX Bottle # _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments LOWERED BOOM 6" TOOK GRAB SAMPLE

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 991207 Time 9:26 FF # 27

Observers C.F. Staff Plate 0.97

Boom Depth ~~9.7~~ 0.9 Cable Mark wire 3" ↑ winch

Time Boom Lifted 9:37 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 9:40

Next ISCO Sample # 2 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 9:32 stage 0.90822 med_turb 24.00 nxt_isco 3

dump_cnt 7 bat_volt 12.162 disch 58.133

stg_off -0.3340 turb_off -11.000 temp 8.6746 rain /season 70.750

Data Logger Clock Reset: No Yes Thw count 0.0

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments HACH Cell @ 9:30: same time as
ISCO Bottle # 2 HACH 21.9 NTU Probe 24.0

Turbidity drops to 22.0 after 9:45 wako-up
matches HACH

STAGE 0.956 @ 9:50 STAFF PLATE 1.0

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 991203 Time 1312 FF # 26 A
 Observers RE CF Staff Plate 0.82
 Boom Depth .75 Cable Mark just above weed wire
 Time Boom Lifted NB Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes 1576 Time Boom Submerged NOT LIFTED
 Next ISCO Sample # 4 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 1316 stage 0.919 med_turb 26 nxt_isco 4
 dump_cnt 6 bat_volt 12.4 disch 59
 stg_off -0.262 turb_off -11 temp 8.1 rain/season 156

Data Logger Clock Reset: No Yes

Since last dump

Manual Sample Collection

DI Sample Time NO AUX Sample Time NO
 DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename FT991130.06D @ 1334
 Bottle Numbers: Removed 3 Missing 0
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Class in stream 2-5pm
Load prgm rev 2.5 First @ 1430
Change offset for Stg → 0.334 @ 1451

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 99 12 13 Time 8:52 FF # 29
 Observers C.F. Staff Plate 1.510
 Boom Depth 1.3 Cable Mark wve 1" above winch
 Time Boom Lifted 8:54 Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged 8:56
 Next ISCO Sample # 13 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 9:05 stage 1.4629 med_turb 45.0 nxt_isco 13.0
 dump_cnt 7 bat_volt 12.127 disch 131.67
 stg_off -0.3340 turb_off -11.00 temp 8.2046 rain/season 300.75
 Data Logger Clock Reset: No Yes Thw count 0.00 ram/daily 2.000

Manual Sample Collection

DI Sample Time _____ AUX Sample Time 9:13
 DI Bottle # _____ AUX Bottle # 13

Data Dump

Filename _____
 Bottle Numbers: Removed _____ Missing _____
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments

12 Dec, 99 @ 1400 - dumped 1.8 inches
rain from garden gauge (TR)
C.F. - TOOK CONTAMINATION CHECK BOTTLE 09:08 + QC SPLIT
BOTTLES 09:10. RAISED BOOM + CLEANED OPTICS BEFORE CONT.
CHECK. DOES THIS INVALIDATE? HACH CELL 43.4 NTU @
~~9:13~~ PROBE 44.00 NTU
9:13
Supplies Needed _____ MINOR ADJUST STAGE NEEDED
 TTS Field Form New/word98/cf/11-99 Bottle #9 low volume

HY 2000

Freshwater Creek: Station FTR

Date 991209th Time 8:57 FF# 28
 Observers C.F. Staff Plate 1.750
 Boom Depth 1.5 Cable Mark wve 3" above winch
 Time Boom Lifted 8:55 Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged 8:56
 Next ISCO Sample # 6 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 9:04 stage 1.7014 med_turb 70.00 nxt_isco 7.0
 dump_cnt 7.0 bat_volt 12.144 disch 170.61
 stg_off -0.3340 turb_off -11.00 temp 8.6196 rain/season 181.75
 Data Logger Clock Reset: No Yes Thv. count 0.00

Manual Sample Collection

DI Sample Time _____ AUX Sample Time 9:00
 DI Bottle # _____ AUX Bottle # 1 6-ISCO HACH CORRELAT

Data Dump

Filename _____
 Bottle Numbers: Removed _____ Missing _____
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments HACH correlate @ 9:00 w/ BOTTLE # ^{AUX} 6 ^{ISCO}
68.9 NTU + probe 70.0 NTU

9:10 QCI ISCO SPLIT PURGE LINE + THEN PASS 2 ISCO
BOTTLES ALTERNATELY UNDER PUMP OUTPUT ONE FOR
SUNNYBRAE SED LAB ONE FOR RSL

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 991215 Time #1310 FF# 30

Observers RE Staff Plate 0.70

Boom Depth 0.25 Cable Mark _____

Time Boom Lifted 1317 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 1320

Next ISCO Sample # 15 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 1315 stage 0.68 med_turb 17

dump_cnt 7 bat_volt 12.38 disch 34.3

stg_off -0.334 turb_off -11 temp 8.24

Data Logger Clock Reset: No Yes

→ nxt bot
 nxt_isco 15
rain/season 13.53
↳ from RSL

Manual Sample Collection

DI Sample Time NO AUX Sample Time NO

DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename FT991203.07d

Bottle Numbers: Removed 14 Missing 0

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments New boom depth 0.5. Load prgm rev 2.6
Bottle 09 low Vol. Changed Press Trns, desiccant.

Supplies Needed bottle tape

HY 2000

Freshwater Creek: Station FTR

Date 99 12 26 Time 16:38 FF # 32
 Observers C.F. Staff Plate 0.385
 Boom Depth 0.3 Cable Mark 2" ↑
 Time Boom Lifted 16:39 Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged 16:40
 Next ISCO Sample # 4 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 16:51 stage 0.34879 med_turb 4.000 ^{bot.} nxt ~~isco~~ 4.0
 dump_cnt 8 bat_volt 12.258 disch 11.684
 stg_off -0.3346 turb_off -11.00 temp 6.3939 rain/season 13.730
 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____
 DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____
 Bottle Numbers: Removed _____ Missing _____
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments HACH CELL @ 16:50 - 2.77 NTU by C.F.
Did not run SSC on cell OBS-3 4.000 NTU

16:57 change stg. offset to -0.2970
17:01 stage 0.38686 staff plate 0.385 - can't tell diff.
17:01 ~~stg~~ med-turb 5.000

Supplies Needed Calculator

HY 2000

Freshwater Creek: Station FTR

Date 9/12/21 Time 1323 FF # 31

Observers RE Staff Plate 0.48

Boom Depth .25 Cable Mark _____

Time Boom Lifted No Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # 4 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 1323 stage 0.424 med turb 14 bot 4
nxt_isco _____

dump_cnt 8 bat_volt 12.4 disch 16.2

stg_off -334 turb_off -11 temp 7.8 rain/season 13.73

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time No AUX Sample Time No

DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename No

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Replaced floppy drive.

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 00 01 10 Time 17:38 FF # 34
 Observers C.F. / T.R. Staff Plate 0.545 @ 17:01
 Boom Depth 0.6 Cable Mark 2" ↑
 Time Boom Lifted 17:37 Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged 17:39
 Next ISCO Sample # 1 Sample Volumes About 1/3: No Yes

NEED
TO
CHANGE
OFFSET

Data Logger Display

Time 17:02 stage 0.51642 med_turb 15.00 nxt_isco 10.00
 dump_cnt 8 bat_volt 12.237 disch 23.453
 stg_off -0.270 turb_off -11.00 temp 8.778 rain/season 15.250
 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time 17:46
 DI Bottle # _____ AUX Bottle # 1 DUMP 9

Data Dump

Filename FT991215.08 Q
 Bottle Numbers: Removed 9 Missing NONE
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments C.F. change bottles, download data
copy data, contaminated, HACH correlate, checked bottle
after aux - good volume - water in #1
Garden rain gauge dumped at 0900 - 2.25"
CHANGED TRANSDUCER DESSICANT 17:56 4 new bags
HACH CORRELATE WITH BOTTLE 1 DUMP 9 17:46
OBS-3 13.00 NTU HACH 16.2 NTU

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 99 12 31 Time 13:49 FF # 33
 Observers C.F. Staff Plate 0.345 @ 13:46
 Boom Depth 0.3 Cable Mark WIVE 2" ↑ WINCH
 Time Boom Lifted 13:49 Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged 13:50
 Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 13:46 stage 0.3290 med turb 5.000 60th
 dump_cnt 8.0 bat_volt 12.317 disch 10.594 nxt 4
 stg_off -0.247 turb_off -11.00 temp 7.1692 rain/season 13.730
 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time 14:01
 DI Bottle # _____ AUX Bottle # 4

Data Dump

Filename _____
 Bottle Numbers: Removed _____ Missing _____
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments C.F. TAKE HACH CELL GRAB SAMPLE NEXT
TO BOOM SAME TIME AS AUX (CORRELATE) BOTTLE #4
HACH # 9614 2.25 NTU OBS-3 3:00 NTU

Computer mouse inoperative - TAKE BALL OUT
use fingers inside

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 11 Jan 99 Time 0904 FF # 36

Observers TR Staff Plate _____

Boom Depth 2.5 ft Cable Mark _____

Time Boom Lifted 0904 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 0906

Next ISCO Sample # 14 Sample Volumes About 1/3: No Yes

Data Logger Display

Time _____ stage _____ med_turb _____ nxt_isco _____
dump_cnt _____ bat_volt _____ disch _____
stg_off _____ turb_off _____ temp _____ rain/season _____

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____
DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____
Bottle Numbers: Removed _____ Missing _____
Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Turbidity at 8AM was ~800,
at 0900 was 1402 — this on
a falling hydograph — checked
boom and it was plugged —
cleared it off and replaced
boom to depth of 2.5 ft

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 11 Jan 2000 Time 7:58 FF # 35

Observers TR Staff Plate ~3.5

Boom Depth 3.0ft Cable Mark _____

Time Boom Lifted 7:58 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # 13 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 7:58 stage 3.57 med_turb 811 nxt_isco 13

dump_cnt 9 bat_volt 12.082 disch 577

stg_off -0.297 turb_off -11.00 temp 9.57 rain/season 16.73

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Raised boom to 2.5ft (2.5ft)
all systems working - good thing
charlie collected bottles last night!

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 00 01 12 Time _____ FF # 37

Observers C.F./J.N Staff Plate _____

Boom Depth _____ Cable Mark _____

Time Boom Lifted _____ Debris on Boom: No Yes Terry cleaned earlier
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged _____
 Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 18:29 stage 1.8969 med turb 547.00 nxt_isco 19.00
 dump_cnt 9.00 bat_volt 12.187 disch 197.94
 stg_off -0.2970 turb_off -11.00 temp 9.3224 rain/season 16.890

Data Logger Clock Reset: No Yes

Manual Sample Collection

QC SPLIT 19:22 QC3A+B

DI Sample Time 18:15 AUX Sample Time _____

DI Bottle # 18 Dump 9 AUX Bottle # _____

Data Dump

Filename FT 00 01 10.092

Bottle Numbers: Removed 19 Missing 17, 18, 19 NO WATER

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments

Removed trash from boom @ 18:25 + raised G11
DI 3 bottles 1.90 stage @ 18:15
Large drop in turbidity at last wakeups 16:45
#9 1.90 staff 19:01
Data + Bottle Dump @ 19:15 → stage 1.8484 @ 19:01

Supplies Needed _____

STATE DAY
AS 38

HY 2000

Freshwater Creek: Station FTR

Date 00 01 12 Time _____ FF # 37

Observers C.F./J.N Staff Plate _____

Boom Depth _____ Cable Mark _____

Time Boom Lifted _____ Debris on Boom: No Yes Terry cleaned earlier

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 18:29 stage 1.8969 med turb 547.00 nxt isco 19.00

dump_cnt 9.00 bat volt 12.187 disch 197.94

stg_off -0.2970 turb_off -11.00 temp 9.3224 rain/season 16.890

Data Logger Clock Reset: No Yes

Manual Sample Collection

QC SPLIT 19:22 QC3A + B

DI Sample Time 18:15 AUX Sample Time _____

DI Bottle # 18 Dump 9 AUX Bottle # _____

Data Dump

Filename FT 00 01 10.09Q

Bottle Numbers: Removed 19 Missing 17, 18, 19 NO WATER

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments

Removed trash from boom @ 18:25 + raised 6"

OI 3 bottles 190 stage @ 18:15

Large drop in turbidity at last wakeups 16:45
#9 190 staff 19:01

Data + Bottle Dump @ 19:15 → stage 1.8484 @ 19:01

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 00 01 11 Time 19:30 FF # 38

Observers C.F / J.N Staff Plate _____

Boom Depth _____ Cable Mark _____

Time Boom Lifted _____ Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 19:29 stage 1.8347 med_turb 133.0 nxt_bott 1.0

dump_cnt 10.0 bat_volt 12.162 disch 189.12

stg_off -0.2970 turb_off -11.0 temp 4.2160 rain/season 16.890

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time 19:45

AUX Sample Time 19:30

HACH CORRELATE
JESSE

DI Bottle # 2

AUX Bottle # 1

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments HACH Correlate OBS-3 125.00 NTU HACH @

staff plate 1.85 @ 19:31 e stage 1.8226

DISCHARGE START 21:13 STAFF PLATE 1.780

DI @ 21:45 Bottle 3 Dump 10 HACHS both before + after

Supplies Needed _____

Freshwater (FTR) DIS Notes

Dump 9
Bottle 18

Date	Time	Bottle Info
00 01 11	18:15	#1 RR 5' 7' 9', 11, 13
	18:18	2 15', 17', 19, 21, 23, 25
	18:20	3 27', 29, 31
		end 1.90 STAGE

HACH CELLS TAKEN
BEFORE AND AFTER 18:25
18:18 NO WATER IN ^{J30} BOTTLE 18 DO AT
over

PC SPLIT
19:22

00 01 11		starting stage 1.88	HACH CELLS
		RR	19:38 BEFORE +
	19:40	#1 RR 5' → 15'	19:48 AFTER
	19:45	#2 17' → 31'	DUMP 10 BOTTLE 2
		ending stage 1.88	

		21:41 HACHS	STAGE 1.78 @ 21:42
00 01 11	21:43	#1 RR 4 5', 7, 9, 11, 13, 15, 17	
		#2 19, 21, 23, 25, 27, 29, 31	21:47
	DONE 21:50		
		end stage 1.78 @ 21:52	
		HACH 21:52	
		DUMP 10 Bottle 3	

HY 2000

Freshwater Creek: Station FTR

Date 00 01 14 Time 1151 FF # 40
 Observers DE TR Staff Plate 4112
 Boom Depth 2.0 Cable Mark _____
 Time Boom Lifted 1050 Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged 1051
 Next ISCO Sample # 16 before dump Sample Volumes About 1/3: No Yes

Data Logger Display

after dump
 Time 1152 stage 4.16 med_turb 364 nxt_bott 01
 dump_cnt 11 bat_volt 12.3 disch 748
 stg_off -297 turb_off -11 temp 9.8 rain/season 19.1
 Data Logger Clock Reset: No Yes

Manual Sample Collection

2 Dis on dump 10

DI Sample Time _____ AUX Sample Time _____
 DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename FTR000111.10d
 Bottle Numbers: Removed 15 Missing 0
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Excessive organic loading -
2 dish meas.

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 00 01 12 Time 14:00 FF # 39
 Observers C.F. Staff Plate 1.25 @ 14:01
 Boom Depth 0.5 Cable Mark at winch
 Time Boom Lifted 14:05 Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged 14:06
 Next ISCO Sample # 5 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 14:03 stage 1.2003 med_turb 79.00 nxt_bott 5.0
 dump_cnt 10.0 bat_volt 12.278 disch 92.832
 stg_off -0.2970 turb_off -11.00 temp 8.4306 rain/season 16.920
 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time 14:15 HACH
 DI Bottle # _____ AUX Bottle # 5 CONRELATE

Data Dump

Filename _____
 Bottle Numbers: Removed _____ Missing _____
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Checked bottles 4 full - right #'s + good volumes
HACH Correlate @ 14:15 1-12-00

TURBIDITY ON OBS-3 GOES TO 58.00 NTU
Data Filenames for last 3 dumps don't have .0XD on end in FTR folder
Pot boom at 0.3 @ stage 1.25 ISCO intake hits bottom
@ 0.5 on boom change in stream bottom with
storm events debris behind optics - optics clear - better housing?

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 15 Jun 2000 Time 0848 FF # 42

Observers TR Staff Plate _____

Boom Depth 1.0 Cable Mark _____

Time Boom Lifted 0852 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 0852

Next ISCO Sample # 4 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 0848 stage 1.586 med turb 71 nxt bott 4

dump_cnt 11 bat_volt 12.051 disch _____

stg_off _____ turb_off _____ temp _____ rain/season _____

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time 0900

DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Pumped auxiliary because

Sampler is missing thresholds.

Lowered boom to 1.5 ft

Dumped 2.55" from garden rain gauge

Supplies Needed _____

Freshwater Creek: Station FTR

Date 1-14-00

Time 22:16

FF # 41

Observers JN

Staff Plate 2.20

Boom Depth 1.0

Cable Mark _____

Time Boom Lifted 1 MINUTE

Debris on Boom: No Yes

Debris On/Near Optics: No Yes

Debris Removed: No Yes

Optics Cleaned with Soap: No Yes

Time Boom Submerged 22:18

Next ISCO Sample # 4.0

Sample Volumes About 1/3: No Yes

Data Logger Display

Time 10:29 PM

stage 2.1489

med_turb 131.

nxt_isco 4.00

dump_cnt 11.

bat_volt 12.115

disch 246.51

stg_off -297

turb_off -11.0

temp 9.6136

rain/season 19.2

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____

AUX Sample Time 10:30 PM

DI Bottle # _____

AUX Bottle # 3.0

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Raised boom at 22:17 set at 1.0
Terry says the falling stage thresholds were
passed w/o sample. Aux sample @ 10:30 PM

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 99 01 17 Time _____

FF # 44

Observers C.F.

Staff Plate 1.26 @ 10:01

Boom Depth 0.7 Cable Mark at winch

Time Boom Lifted 10:08

Debris on Boom: No Yes

Debris On/Near Optics: No Yes

Debris Removed: No Yes

Optics Cleaned with Soap: No Yes

Time Boom Submerged 10:10

Next ISCO Sample # 13

Sample Volumes About 1/3: No Yes

Data Logger Display

Time 10:02 stage 1.222 med turb 40.00 nxt bott 13.00

dump_cnt 11 bat_volt 12.030 disch 95.694

stg_off -0.2970 turb_off -11.00 temp 8.0457 rain/season 20.550

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____

AUX Sample Time 10:30

HACH CORRELATE

DI Bottle # _____

AUX Bottle # 1 dump 12

Data Dump

Filename FT 00 01 14

Bottle Numbers: Removed 12 Missing NONE VOL OK

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Dump successful Data Collected successful
ftv00 folder - date modified for last 2 dumps year is 1980?

HACH CELL CORRELATE @ 10:30 41.5 NTU / OBS-3-39.0 NTU

QC SPLIT 10:33 Knocking noise on two

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 15 Jun 2002 Time 2147 FF # 43

Observers TR Staff Plate _____

Boom Depth _____ Cable Mark _____

Time Boom Lifted _____ Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 2147 stage 1.499 med turb 55 nxt bott 5

dump_cnt 11 bat_volt 12.166 disch 134.85

stg_off _____ turb_off _____ temp _____ rain/season 19.79

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time 2147

DI Bottle # _____ AUX Bottle # 5

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Took aux sample because system is not waking up to thresholds (still showing code 2 (falling) w/ threshold of 302.

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 00 01 27 Time _____ FF # 46
 Observers C.F. J.N. Staff Plate 0.73 @ 18:46
 Boom Depth 0.4 Cable Mark @ winch
 Time Boom Lifted 18:47 Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged 18:48
 Next ISCO Sample # 6 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 5:51 stage 72396 med_turb 22.0 nxt_bott 6.0
 dump_cnt 13 bat_volt 12.214 disch 39.762
 stg_off 0.297 turb_off -11.00 temp 7.4721 rain/season 22.5
 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time 18:00
 DI Bottle # _____ AUX Bottle # 6 **HACH CORRELATE**

Data Dump

Filename _____
 Bottle Numbers: Removed _____ Missing _____
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Clark + Jesse ^{RESURVEYED} do 2 cross sections
1 @ boom 1 just upstream. Clark in
stream up stream of boom @ 16:30
HACH CORRELATE @ 18:00 OBS - 21.00
Clay check 2 bottles split manual pump sample
@ 18:04

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 00 01 22 Time _____ FF # -45
 Observers C.F. Staff Plate 0.89 @ 16:01
 Boom Depth 0.3 Cable Mark at wunch
 Time Boom Lifted 15:48 Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged 15:49
 Next ISCO Sample # 12 @ 15:48 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 16:02 stage 0.85039 med turb 26.00 nxt bott 12.00
 dump_cnt 12.0 bat_volt 12.249 disch 52.083
 stg_off -0.89700 turb_off -11.00 temp 8.9605 rain/season 21.920
 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time 16:30
 DI Bottle # _____ AUX Bottle # 1 DUMP 13

Data Dump @ 16:15 File date 1-17-80 on explorer
 Filename FT 00 01 17.122
 Bottle Numbers: Removed 1-11 Missing none
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes @ 16:10

Comments Clay Check sample #1/#2 - compare 1 micron filter w/o. 2 micron QC split - 15:40 correlates

Checked barrel bott 1 good @ aux

Brought Terry NOAA approved rain gauge

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 2-2-00 Time 17:57 FF # 48

Observers JN, CF, RE Staff Plate 0.68

Boom Depth .5 Cable Mark ~~15~~

Time Boom Lifted 15:17 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 15:25

Next ISCO Sample # 3 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 18:08 stage 0.63651 med_turb 19. nxt_bott 3.0

dump_cnt 14 bat_volt 12.169 disch 32.042

stg_off -0.297 turb_off -11:00 temp 10.077 rain/season 23.680

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments GROUP MEETING W/RANJIT GILL, MATT

WQ and residents. Demonstrate STATION.

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

00 C.F.

Date 99 01 31 Time _____

FF # 47

Observers C.F.

Staff Plate 1.04 @ 15:46

Boom Depth 0.6 Cable Mark @ wvch

Time Boom Lifted 3:35 Debris on Boom: No Yes

Debris On/Near Optics: No Yes 15:35 Debris Removed: No Yes 15:36

Optics Cleaned with Soap: No Yes Time Boom Submerged 3:36

Next ISCO Sample # 10 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 15:47 stage 1.0456 med turb 37.00 nxt_bott 10:00

dump_cnt 13.00 bat_volt 12.251 disch 73.660

stg_off -0.2970 turb_off -11.00 temp 8.7209 rain/season 23.660

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____

AUX Sample Time 16:15

HACH
CORRELATE

DI Bottle # _____

AUX Bottle # 1

Data Dump

Filename FT 00 01 22 .13 d

water volumes good
all bottles

Bottle Numbers: Removed 1-9 Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments leaf on ISCO INTAKE @ 15:35 - cleaned off

Data Dump + Bottle change successful
Corrected date + time control panel after data dump
HACH CORRELATE OBS-3 37.0 NTU HACH 34.6 NTU

Clay Check manual pump sample @ 16:26 checked

QC Split sample manual pump @ 16:27 AUX - good

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 000210 Time 1308 FF # 50
 Observers RE Staff Plate 0.49
 Boom Depth N/C Cable Mark _____
 Time Boom Lifted NO Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged _____
 Next ISCO Sample # 3 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 1308 stage 0.45 med turb 18 nxt bott 3
 dump_cnt 15 bat_volt 11.9 disch 17.7
 stg_off -0.297 turb_off -11 temp 11.1 rain/season 24.4
 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time NO AUX Sample Time NO
 DI Bottle # — AUX Bottle # —

Data Dump

Filename FT000205.15d
 Bottle Numbers: Removed 2 Missing 0
 Reset ISCO to Bottle 1: Yes No Set Dump Flag: Yes No File Transferred OK: No Yes

Comments Dump - down PC. Load program rev 2.7
Woke up @ 1345 hrs incorrect dump # + stage
offset incorrect

 * PC fan sounds like it is failing

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 00 02 05 Time _____ FF # 49
 Observers C.F. Staff Plate 0.67@14:46
 Boom Depth 0.4 Cable Mark @ wuch
 Time Boom Lifted 14:33 Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged 14:35
 Next ISCO Sample # 11 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 14:46 stage 0.63256 med turb 21.00 nxt bott 11.0
 dump_cnt 14.0 bat_volt 12.308 disch 31.709
 stg_off -0.297 turb_off -11.0 temp 10.412 rain/season 24.32
 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time 15:15
 DI Bottle # _____ AUX Bottle # 1 DUMP 15

Data Dump

Filename FT 00 01 31.14 @ 14:55
 Bottle Numbers: Removed 1-10 Missing none
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments water + vol level good in all 10 bottles

stage 0.68@15:01 HACH correlate @ 15:18.5
OBS-3 - 20 NTU

Changed dessicant in transducer case
Knocked top off shelf while changing bottles

* dumped ~4.8" of rain from garden gauge at 8:30 AM today TR
 Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 2-12-00 Time _____ FF # 51
 Observers C.F. / G.Z Staff Plate 0.82 @ 12:46
 Boom Depth 0.6 Cable Mark 1" ↑ WINCH
 Time Boom Lifted 12:47 Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged 12:48
 Next ISCO Sample # 4 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 12:49 stage 0.78447 med_turb 30.00 nxt_bott 4.0
 dump_cnt 16. bat_volt 11.958 disch 45.492
 stg_off -0.2970 turb_off -11.00 temp 9.5152 rain/season 25.140
 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time 13:00 w/Hach correlate
 DI Bottle # _____ AUX Bottle # 4

Data Dump

Filename _____
 Bottle Numbers: Removed _____ Missing _____
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments HACH correlate sample @ 13:00

Aux sample @ probably same time as falling
threshold sample computer locked up - turn
out off Computer locks up
QC Split 13:16
Clay Check 13:17

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 14 Feb 2000

Time 0645

FF # 52

Observers TR

Staff Plate ~3.0ft

Boom Depth _____ Cable Mark _____

Time Boom Lifted _____

Debris on Boom: No Yes

Debris On/Near Optics: No Yes

Debris Removed: No Yes

Optics Cleaned with Soap: No Yes

Time Boom Submerged _____

Next ISCO Sample # _____

Sample Volumes About 1/3: No Yes

Data Logger Display

Time _____ stage _____ med_turb _____ nxt_bott _____

dump_cnt _____ bat_volt _____ disch _____

stg_off _____ turb_off _____ temp _____ rain/season _____

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____

AUX Sample Time _____

DI Bottle # _____

AUX Bottle # _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments

13 Feb 2000 @ 1730 dumped 1.5" from garden

rain gauge

14 Feb 2000 dumped 1.3" from garden gauge at 0645

Took water sample by hand adjacent to boom

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date _____ Time _____ FF # _____

Observers _____ Staff Plate _____

Boom Depth _____ Cable Mark _____

Time Boom Lifted _____ Debris on Boom: No Yes
Debris On/Near Optics: No Yes Debris Removed: No Yes
Optics Cleaned with Soap: No Yes Time Boom Submerged _____
Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time _____ stage _____ med turb _____ ^{bott.} nxt ~~is~~ _____
dump_cnt _____ bat_volt _____ disch _____
stg_off _____ turb_off _____ temp _____ rain/season _____

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____
DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____
Bottle Numbers: Removed _____ Missing _____
Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments _____

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 00 02 14 Time _____ FF # 54

Observers C.F / J.N. Staff Plate _____

Boom Depth _____ Cable Mark _____

Time Boom Lifted _____ Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 10:56 stage 2.9026 med turb 173.0 nxt bott 11.0

dump_cnt 16.0 bat_volt 11.992 disch 408.16

stg_off -0.2970 turb_off -11.00 temp 9.8686 rain/season 27.110

Data Logger Clock Reset: No Yes

Manual Sample Collection

HACH CORRELATE 16:45
DUMP 17 Bottle 1

DI Sample Time _____

AUX Sample Time 13:30

HACH Correlate

DI Bottle # _____

AUX Bottle # 15

DUMP 16

Data Dump @ 15:45

Filename FT 00 02 10.162

Hand!!!
Bottle 1+2 were reversed
we changed labels

Bottle Numbers: Removed A

Missing 0

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Replaced mouse @ 10:40 it works!

Computer back up

Discharge #1 11:57 → 12:25 STAGE 3.95

DI # 1 12:40 → 12:43 DUMP 16 Bottle 14 HACH Cells before + after

DISCHARGE #2 12:52 → 13:15 STAGE 4.4 12:37 12:45

QC Split 13:37 Clay Check Split 13:40

DISCH #3 14:29 → 14:50 stage 4.10

Supplies Needed DI #2 14:55 → 15:00 Dump 16 Bottle 14 350 NTU

TTS Field Form New/word98/cf/11-99 HACHS before 14:55 DISCH #5 STAGE 18:13
DI #3 293 NTU DUMP 17 BOT 2 after 15:03 STAGE 3.40

DISCH #4 STAGE 3.80 DI #4 STAGE 3.57 211 NTU DUMP 17 BOTTLES

Hand +
Fixed work
on computer
switch HARD
POWER
INTO BELL

HY 2000

Freshwater Creek: Station FTR

Date 00 02 14

Time 08:25

FF # 53

Observers C.F.

Staff Plate 2.79@8:30

Boom Depth 2.0 Cable Mark _____

Time Boom Lifted _____ Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time _____ stage _____ med_turb _____ nxt_bott _____

dump_cnt _____ bat_volt _____ disch _____

stg_off _____ turb_off _____ temp _____ rain/season _____

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Turned Program Macro off - still
no response computer Terry took hand grab
sample @ 6:45

HACH correlate sample @ 8:30 -> regular ISCO sample

Clay Check Split @ 8:41 Dump 16 bottle 10

QC Split @ 8:40

raised boom to 1.50 @ 8:57

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date SUN 00 02 20 Time _____ FF # 56
 Observers C.F. Staff Plate @ 17:30 = 0.60
 Boom Depth 0.4 Cable Mark wvc @ winch
 Time Boom Lifted 17:24 Debris on Boom: (No) Yes
 Debris On/Near Optics: (No) Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No (Yes) Time Boom Submerged 17:25
 Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 17:31 stage 0.54545 med_turb 18.0 nxt ^{both} ~~isco~~ 13.00
 dump_cnt 17 bat_volt 12.670 disch 24.732
 stg_off -0.2970 turb_off -11.00 temp 9.6488 rain/season 27.720
 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____
 DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename FT 000214.172 @ 17:42 #7 - no water
 Bottle Numbers: Removed 1-12 Missing #6 3/4" water
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments File Transfer Good
Brought back A-55 veel + DI bottles
Checked out Current Meter - OK

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 14 Feb 2000 Time 2223 FF # 55

Observers TR Staff Plate _____

Boom Depth _____ Cable Mark _____

Time Boom Lifted _____ Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time ~~2023~~ 2223 stage 2.490 med turb 19 nxt bott 8

dump cnt 17 bat volt _____ disch _____

stg_off _____ turb_off _____ temp _____ rain/season _____

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Boom out of water - lowered to 2.0 ft

at 2231 (turbidity 162) keyed an auxiliary sample (bottle 8)

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 00 02 28 Time _____

FF # 58

Observers C.F.

Staff Plate 2.31 @ 9:46

Boom Depth 2.0 Cable Mark _____

Time Boom Lifted 9:40 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 9:42

Next ISCO Sample # 17 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 9:46 stage 2.3121 med turb 101.00 nxt bott 17.00

dump_cnt 18 bat_volt 11.921 disch 278.72

stg_off -0.22500 turb_off -11.0 temp 9.1185 rain/season 30.63

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____

AUX Sample Time 10:15

DI Bottle # _____

AUX Bottle # 1 Dump 19

Data Dump

Filename FT 00 02 20.18 Q @ 10:03

Bottle Numbers: Removed 1-16 Missing Water missing

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments

HACH Couette staff plate 2:31 @ 10:01

AUX @ 10:15 Dump 19 Bottle 1

10:21 AC SPLIT - Check BOTTLE 1 good

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 00 02 23 Time _____ FF # 57

Observers C.F. Staff Plate _____

Boom Depth 1.0 Cable Mark 1" ↑ w/mch

Time Boom Lifted 13:05 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 13:06

Next ISCO Sample # 5 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 14:01 stage 1.1475 med_turb 43.00 nxt_bott 5

dump_cnt 18 bat_volt 11.913 disch 86.082

stg_off -0.2970 turb_off -11.0 temp 8.788 rain/season 28.98

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____

DI Bottle # _____

AUX Sample Time _____

AUX Bottle # _____

Staff plate 1.220 @ 14:16 electronic 1.2267

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Staff plate 1.22 @ 13:47 Data logger 1.1548 @ 13:47

Staff Plate 1.220 @ 14:01 electronic 1.1475

C.F. 2-23-00 Data logger display stage 0.630' @ 13:21

Dug sediment out that was around + level w/top

of galv. pipe. Staff plate 1.23 @ 13:21 no change

at next wake-up 13:38 pushed white 1/2" pvc pipe

Supplies Needed which transducer is taped on over a 1" into pipe

TTS Field Form New/word98/cf/11-99 was sticking out. 13:45 stage jumped

to 1.1548

HY 2000

Freshwater Creek: Station FTR

Date ~~3~~ 3-7-00 Time _____ FF # 60
 Observers C.F. Staff Plate 0.79@17:01
 Boom Depth 0.5 Cable Mark @ WINCH
 Time Boom Lifted 4:40 Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged 4:41
 Next ISCO Sample # 11 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 17:02 stage 0.811 med turb 01.0 nxt bott 11.0
 dump_cnt 19.00 bat_volt 11.874 disch 48.122
 stg_off -0.225 turb_off -11.0 temp 8.729 rain/season 32.180
 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____
 DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename FT0002 28.192 @ 17:08
 Bottle Numbers: Removed 1 thru 10 Missing no water missing in bottles
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Need new back-up disc - 2nd data dump that had warning dialog box saying unable to copy to disk A. Checked floppy + file + data are on it. Maybe Drive A beginning to fail

Electronic stage 0.021 too high - within 0.05 tolerance
 no adjustment

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 3-2-00 Time _____ FF # 59
 Observers C.F. Staff Plate 1.11 @ 9:10
 Boom Depth 1.0 Cable Mark @ winch
 Time Boom Lifted 9:09 Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged 9:10
 Next ISCO Sample # 6 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 4:13 stage 1.1688 med turb 33.00 nxt bott 6.0
 dump_cnt 19 bat_volt 11.935 disch 88.786
 stg_off -0.22500 turb_off -11.0 temp 8.6064 rain/season 31.61
 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____
 DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____
 Bottle Numbers: Removed _____ Missing _____
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments _____

2-28-00 DI 20:27 DISCH 20:36
STAFF ~~0.06~~ 0.06' difference w/ pressure trans.

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 3-29-00 Time 9:18 FF # 62
 Observers JN, SB Staff Plate 0043
 Boom Depth 4" Cable Mark 1" below swedge, 1" above blue yellow blue
 Time Boom Lifted 9:25 Debris on Boom: Yes
 Debris On/Near Optics: Yes Debris Removed: No Yes
 Optics Cleaned with Soap: Yes Time Boom Submerged 9:26
 Next ISCO Sample # 12 Sample Volumes About 1/3: Yes Less

Data Logger Display

Time 9:27 stage 0.38 med turb 15. nxt bott 1.0
 dump_cnt 1.0 bat_volt 9.5536 disch 13.97
 stg_off -0.334 turb_off -11.0 temp 7.3529 rain/season 0.02
 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____
 DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____
 Bottle Numbers: Removed _____ Missing _____
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Battery Voltage reads 9.96 - added
1 hour to charge cycle
Need to dig gravel out around probe

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 3-19-00 Time _____ FF # 61
 Observers C.F. Staff Plate 0.88 @ 17:01
 Boom Depth 0.5 Cable Mark @ Winch
 Time Boom Lifted 16:36 Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged 16:37
 Next ISCO Sample # 8 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 17:02 stage 0.90046 med_turb 26.00 nxt_bott 9.00
 dump_cnt 20.0 bat_volt 11.770 disch 57.324
 stg_off -0.22500 turb_off -11.00 temp 9.4161 rain/season 34.140
 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____
 DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____
 Bottle Numbers: Removed _____ Missing _____
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Changed desiccant in pressure transducer

C.F. 3-13-00 everything o.k. possible turb. drop w/cleaning
Staff plate 0.64 @ 16:30 elec. 0.66'

QC Split @ 16:51 ISCO PUMPS 17:01
Clay Chk Split @ 16:53

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 4-4-00 Time _____ FF # 64
 Observers C.F. Staff Plate 0.37 @ 15:31
 Boom Depth _____ Cable Mark _____
 Time Boom Lifted _____ Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged _____
 Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

REAL TIME 16:32

Time 15:32 stage 0.27662 med_turb 5.000 nxt_bott 1.000
 dump_cnt 21.00 bat_volt 10.599 disch 7.9206
 stg_off -0.33400 turb_off -11.000 temp 12.219 rain/season 0.02000
 Data Logger Clock Reset: No Yes

Manual Sample Collection STAGE CHANGES TO 0.38562 @ 15:46
MATCHES STAFF PLATE BETTER

DI Sample Time _____ AUX Sample Time _____
 DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____
 Bottle Numbers: Removed _____ Missing _____
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Change stage offset back to -0.025
@ 15:35 - same as before battery problems
pos. clip was not on main terminal but
on cable bolt attachment body. Stage mult & Turb.
mult.plier same as before.
LED DISPLAY WORKED - WAS ON BOTTLE 24 - HIT RESET - NO 15:43
RESPONSE - TURNED OFF CONTROLLER - TURNED ON - NO LED DISPLAY
 Supplies Needed DIST. TUBE AT 1 OR 24

HY 2000

Freshwater Creek: Station FTR

Date 4-2-00 Time _____ FF # 63 12:31
 Observers C. FENTON Staff Plate 0.39 @ ~~1.15~~
 Boom Depth 0.25 Cable Mark 1" above winch - damaged - loose
 Time Boom Lifted 12:21 Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged 12:22
 Next ISCO Sample # 12 Sample Volumes About 1/3: No Yes
 _____ 11 + 12 HI

Data Logger Display

Time 12:32 stage 0.89672 med turb 5.000 nxt bott 1.000
 dump_cnt 1.000 bat_volt 9.9716 disch 8.9086
 stg_off -0.33400 turb_off -11.000 temp 12.709 rain/season 0.02000
 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____
 DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename FT 00 03 07. 20 2 @ 12:42 Bottles 11 + 12
 Bottle Numbers: Removed 1 - 11 Missing NONE LITTLE HIGHER VOL
 1-2 CM
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments PRESSURE TRANSDUCER PIPE HAS NO SEDIMENT AROUND IT.
ISCO INTAKE 2-3" ABOVE STREAM BED - 3
CONTROLLER TIME NOT CHANGED FOR DAYLIGHT SAVINGS.
DATA LOGGER DISPLAY DUMP CNT. 1.00 + NXT BOTTLE 1.00 @ 12:27
DUMP COUNT CHANGES TO 2.0 @ DUMP. I CHANGED TO 20.000 AFTER
USE 2nd back-up disk WAS DUMP 20 21.000
Rain Gauge 0.02000 for season? is this right?
 Supplies Needed LED DISPLAY DEAD PUMP WORKS ON REV.
 TTS Field Form New/word98/cf/11-99 FUSES GOOD BATT. VOLTAGE 9.8933

HY 2000

Freshwater Creek: Station FTR

Date 4/15/00 Time 15:14 FF # 66
 Observers JN Staff Plate 0.38
 Boom Depth .3 Cable Mark _____
 Time Boom Lifted 15:20 Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged 15:20
 Next ISCO Sample # 1 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 15:14 stage 0.409 med turb 8.0 nxt bott 1
 dump_cnt 21 bat_volt 12.626 disch 15.313
 stg_off _____ turb_off _____ temp 12.1 rain/season .640
 Data Logger Clock Reset: No Yes

Manual Sample Collection

Also took grab sample at 15:14

DI Sample Time _____ AUX Sample Time 15:30
 DI Bottle # _____ AUX Bottle # 21

Data Dump

Filename _____
 Bottle Numbers: Removed _____ Missing _____
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Plume of turbidity had reached station when I arrived, but was not visible at Park or G.G. or in back water where sensors are. However in 10 minutes the back water was getting turbid. I took a grab sample in current, and set AUX to sample at probe. AUX turb was 13 at time of sample.

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 4-15-00 Time _____ FF # 65
 Observers C.F. Staff Plate 0.370@14:31
 Boom Depth 0.3 Cable Mark @ winch
 Time Boom Lifted 14:36 Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged 14:37
 Next ISCO Sample # 1 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 14:32 stage 0.39769 med_turb 12.00 nxt_bott 1.00
 dump_cnt 21.0 bat_volt 12.645 disch 14.560
 stg_off 0.22500 turb_off 11.000 temp 12.009 rain/season 0.5900
 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____
 DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____
 Bottle Numbers: Removed _____ Missing _____
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Checked bottles no water no samples
Looks like battery OK Rainfall needs updating
Rain just starting Boom intake
clear - intake out of main flow

4-6-00@15:30 Bat Voltage 12.665 good

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 5-8-00 Time _____

FF # 68

Observers C. FENTON

Staff Plate 0.54 @ 16:40

Boom Depth 0.5 Cable Mark 1" ↑ WINCH

~~DATA LOGGER TIME~~
16:46

Time Boom Lifted 15:50

Debris on Boom: No Yes

Debris On/Near Optics: No Yes

Debris Removed: No Yes

Optics Cleaned with Soap: No Yes

Time Boom Submerged 15:51

Next ISCO Sample # 21

Sample Volumes About 1/3: No Yes

Data Logger Display

Terry says display blank since last Weds

Time _____ stage _____ med_turb _____ nxt_bott _____

dump_cnt _____ bat_volt _____ disch _____

stg_off _____ turb_off _____ temp _____ rain/season _____

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename FT 00 04 02 .21d

vols good

file says collected 16:25

Bottle Numbers: Removed 1-20

Missing none

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

@ 16:13

SINCE LAST WEDS

Comments Numeric Display Blank - Clock

stopped at 10:13:25

LED DISPLAY GOOD

STAFF PLATE 0.54 @ 15:46 DATA LOGGER TIME

0.574 - DATA LOGGER

INTAKE + OBS-3 IN MAIN FLOW

STAFF PLATE 0.54 @ 16:01 DATA LOGGER TIME

STAGE 0.574 off stage graph @ 16:02 OBS-3 270 NTU

Supplies Needed _____

None use graph to get stage + turbidity if good?

Terry's

HY 2000

Freshwater Creek: Station FTR

Date 4-21-00 Time _____ FF # 67
 Observers C.F. Staff Plate 0.51 @ 16:01
 Boom Depth 0.4 Cable Mark 1" ↑ wunch
 Time Boom Lifted _____ Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged _____
 Next ISCO Sample # 10 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 16:03 stage 0.53464 med_turb 19.00 nxt_bott 10.0
 dump_cnt 21 bat_volt 12.637 disch 23.916
 stg_off -0.2250 turb_off -11.0 temp 11.049 rain/season 2.340
 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____
 DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____
 Bottle Numbers: Removed _____ Missing _____
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Checked bottles vol good no
water in base
1" dia 8' long curved stick up against
boom probe housing. took off

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 5-13-00 Time _____

FF # 69

Observers C. FENTON

Staff Plate 0.73 @ 09:16

Boom Depth 0.5 Cable Mark gone

Time Boom Lifted 09:17 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 09:18

Next ISCO Sample # 9 Sample Volumes About 1/3: No Yes

Data Logger Display No Display

Time _____ stage _____ med_turb _____ nxt_bott _____

dump_cnt _____ bat_volt _____ disch _____

stg_off _____ turb_off _____ temp _____ rain/season _____

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Display still blank - Graphs still same numbers 0.574 stage 27.0 NTU last readings probably not valid - Need to look in data dumps for valid electronic stage + turbidity OBS-3 + intake in main flow

Supplies Needed _____

Freshwater Creek: Station FTR

Date 5-15-00 Time _____ FF # 70
 Observers C.F. Staff Plate 0.57 @ 18:31
 Boom Depth 0.5 Cable Mark _____
 Time Boom Lifted _____ Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged _____
 Next ISCO Sample # 19 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 18:32 stage 0.58984 med_turb 16.0 ^{bott.} nxt ~~isco~~ 19.0
 dump_cnt 22.0 bat_volt 12.504 disch 28.00
 stg_off -0.025 turb_off -11.00 temp 11.184 rain/season 5.52
 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____
 DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____
 Bottle Numbers: Removed _____ Missing _____
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments

C.F. 5-15-00 Turned computer out off display comes
on - OK
INTAKE IN MAIN FLOW

Supplies Needed

Freshwater Creek: Station FTR

Date 5-26-00 Time _____ FF # 71
 Observers C. FENTON Staff Plate 0.35 @ 15:01
 Boom Depth _____ Cable Mark _____
 Time Boom Lifted 14:50 Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged 14:51
 Next ISCO Sample # 19 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 15:01 stage 0.37882 med_turb 4.000 nxt_isc0 ^{bott.} 19.0
 dump_cnt 22.0 bat_volt 12.635 disch 13.420
 stg_off -0.2250 turb_off -11.0 temp 14.896 rain/season 5.55
 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____
 DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename FT 00 05 08 . 22 2
 Bottle Numbers: Removed 1-19 18 Missing NOVS GOODS
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes
NO - TORNED OFF

Comments Intak + Probe out of main flow
med-turb 4.0 @ 14:50
END OF YEAR SHUT DOWN ~~THE~~ ISCO +
TAKE BOOM OUT OF WATER 15:40 I
HACH GRAB 15:02 COMPARE W/OBS-3
CHANGED DESSICANT IN PRESSURE TRANSDUCER BOX
NEED NEW CABLE MARK

Supplies Needed _____

HY 2000

Freshwater Creek: Station FTR

Date 5-13-00 Time _____

FF # 69

Observers C. FENTON

Staff Plate 0.73@09:16

Boom Depth 0.5 Cable Mark gone

Time Boom Lifted 09:17

Debris on Boom: No Yes

Debris On/Near Optics: No Yes

Debris Removed: No Yes

Optics Cleaned with Soap: No Yes

Time Boom Submerged 09:18

Next ISCO Sample # 9

Sample Volumes About 1/3: No Yes

Data Logger Display No Display

Time _____ stage _____ med_turb _____ nxt_bott _____

dump_cnt _____ bat_volt _____ disch _____

stg_off _____ turb_off _____ temp _____ rain/season _____

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Display still blank - Graphs
still same numbers 0.574 stage 27.0 NTU
last readings probably not valid - Need
to look in data dumps for valid electronic
stage + turbidity OBS-3 + intake in main flow

Supplies Needed _____

Freshwater Creek: Station FTR

[Handwritten mark]

Date 9-26-00 Time 17:44 FF # 73

Observers C. FENTON Staff Plate _____

Boom Depth _____ Cable Mark BOOM OUT OF WATER NO OBS-3

Time Boom Lifted _____ Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display ^{DATA LOGGER} time on connection window 9-26-00 19:02
both

Time _____ stage _____ med_turb _____ nxt_isc ~~isc~~ _____

dump_cnt _____ bat_volt _____ disch _____

stg_off _____ turb_off _____ temp _____ rain/season _____

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

DI Bottle # _____ AUX Bottle # _____

Data Dump

Filename _____

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Inserted Module into datalogger
+ plugged power in - hit connect button
on connect window - no data numeric
window

cleaned battery terminals - water levels ok

Supplies Needed _____

Freshwater Creek: Station FTR

Date 8-21-00 Time 15:31 FF # 72
Observers C.F. Staff Plate 0.22

Boom Depth _____ Cable Mark _____
~~Time Boom Lifted _____ Debris on Boom: No Yes
Debris On/Near Optics: No Yes Debris Removed: No Yes
Optics Cleaned with Soap: No Yes Time Boom Submerged _____
Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes~~

Data Logger Display

Time 15:32 stage 0.42620 med turb 14.00 ^{bott.} ~~next~~ 2.0
dump_cnt 23.00 bat_volt 12.753 disch 16.353
stg_off -0.2250 turb_off -11.0 temp 13.592 rain/season 6.390
Data Logger Clock Reset: (No) Yes

Manual Sample Collection

~~DI Sample Time _____ AUX Sample Time _____
DI Bottle # _____ AUX Bottle # _____~~

Data Dump

Filename FT000526 15:35
Bottle Numbers: Removed NA Missing NA
Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Came to dump data + take out
data logger module - cleaned out
shelter + took pictures of connections
Now Dump 24 100248 K collected
Put on Back-up Disk Unhook power at
Datalogger 15:57
Numeric Display 15:32:47 stopped
Supplies Needed _____

9-19-00 Pick up OBS-3 #430
+ take to RSL for calib.

HY 99

Freshwater Creek: Station FTR

Date 99 08 12 Time 1315 FF # 1
 Observers RE Staff Plate 0.18
 Boom Depth N/A Cable Mark N/A
 Time Boom Lifted _____ Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged _____
 Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time _____ stage 0.11 med_turb 0 nxt_isco 10
 dump_cnt 18 bat_volt 12.8 Data Logger Clock Reset: No Yes 1 min fast

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed _____ Missing _____
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments

Beam out of water, T-Probe not connected. Load prgm rev 2.4, check why next ISCO = 10? When turb = 0?

- separate Hy 99 & 00 files
- check D and exp
- Bring first Hy 00 file back to PC
- Replace monitor

Supplies Needed _____

TTS Field Form

River Freshwater Station TR Date 99 01 06 FF # 2
 Time 1513 Party REE Stage 0.35
 Next Sample # 1 Debris on Boom: No Yes Debris Removed: No Yes
 Time Boom Lifted _____ T-Probe Fouling: None Sediment Organics _____
 Optics Cleaned: No Yes Time Boom Submerged _____
 Boom Depth ~.47 Cable Mark FIRST MARK

stage 0.43 med turb 31 nxt_isco 1 dump_cnt 1
 bat_volt 12.9 DI Sample: No Yes AUX Sample: No Yes
 Data Dumped: No Yes * File Transfer OK: No Yes
 # Samples Bottles: Removed _____ Discarded _____ Missing _____
 Sample Volumes OK: No Yes Water in ISCO Base: No Yes
 ISCO Reset to Bottle 1: No Yes Data Logger Clock Reset: No Yes

Comments LOADED PRGM REV 2.1 FILE
RECORD CHANGED FROM 2.0 DID
NOT INCR. DUMP # WILL NOT KEEP
FIRST FILE.
PRESS TRANS OUTPUT MAY BE UNSTABLE
NOW .453 @ 1515 STAFF READS 0.35
SOME SURFACE WAVES - BUT NOT .1 FEET

Supplies Needed _____

TTS Field Form

River Freshwater Station TR Date 99 01 08 FF# 3
 Time 1340 Party REE Stage 0.32
 Next Sample # 01 Debris on Boom: No Yes Debris Removed: No Yes
 Time Boom Lifted T-Probe Fouling: None Sediment Organics
 Optics Cleaned: No Yes Time Boom Submerged
 Boom Depth Cable Mark

stage med turb nxt isco dump cnt
 bat_volt DI Sample: No Yes AUX Sample: No Yes
 Data Dumped: No Yes File Transfer OK: No Yes
 # Samples Bottles: Removed Discarded Missing
 Sample Volumes OK: No Yes Water in ISCO Base: No Yes
 ISCO Reset to Bottle 1: No Yes Data Logger Clock Reset: No Yes

Comments DATA LOGGER DIED ON 1/6 @ 2315. Volt
is OK 12.76V. CRDY CLOCK WAS OK. TRANS-
FER WAS UNUSUAL - COMMUNICATIONS & FILE
TRANSFER TOOK A LONG TIME (file was short).
LITHIUM BATT OK. SENT PREM (RELOADED) @
1350. IN THE FILE LOGIN STOPPED
ON 1/6 @ 2315 AND RESTARTED ON 1/6
AT 1500! FILE DIED AT 2315 BOTH
TIMES. WAKEUP AT 1415 STAGE = 185
TURB = 29 BAT = 12.7 DUMP CNT = 1 NXT ISCO
= 1 BLU/BLU-WHT 3.75K Ω GRN/GRN-WHT 2.72K Ω
ORG/ORG-WHT 3.75K Ω WHT-ORG/WHT-BLU 5 Ω
AFTER 14 MIN 275mV ON SW 12V. STAGE .21 @ 1430
TURB 24. AT 1445 Stg = .497 Turb 27

Supplies Needed

→ Removed lid on desiccant box & checked
wires

TTS Field Form

River Freshwater Station TR Date 990111 FF# 4
 Time 1615 Party NCL Stage .28
 Next Sample # 01 Debris on Boom: No Yes Debris Removed: No Yes
 Time Boom Lifted --- T-Probe Fouling: None Sediment Organics
 Optics Cleaned: No Yes Time Boom Submerged ---
 Boom Depth .25 Cable Mark FIRST ONE

stage .49714 med turb 27 nxt isco 2 dump cnt 1
 bat volt 12.755 DI Sample: No Yes AUX Sample: No Yes
 Data Dumped: No Yes File Transfer OK: No Yes
 # Samples Bottles: Removed --- Discarded --- Missing ---
 Sample Volumes OK: No Yes Water in ISCO Base: No Yes
 ISCO Reset to Bottle 1: No Yes Data Logger Clock Reset: No Yes

Comments FILE ONLY LOGGED TWO POINTS ON 990108 @ 1415
AND 1430. BATTERY VOLTAGE IS OK. POWERED DOWN AT 1658
AFTER CHECKING 4B PARAMETERS ON THE HAND TERMINAL. DATA LOGGER
GAVE RELATED RESPONSE TO HAND TERMINAL. RESET PARAMETER 5 (TABLE
OVERRUNS). SWITCHED OBS-3 ANALOG GROUND LEAD TO GROUND.
POWERED UP AT 1701. CLOCK IS OK. FIRST WAKEUP AT 1715.
STAGE: .53903 MED-TURB: 26. NEXT-ISCO: 1 DUMP-CNT: 1 BAT-VOLT: 12.708

990112 106? REB NCL File only
collected 1 pt. before failing
 *B 05 67 10 00
 01 19057 06 1.0 11 4.75
 02 63084 07 ~~3.097~~⁰⁰⁰⁸
 03 1280 08 3.097
 04 00 09 01

Supplies Needed ---

CHANGED T-PROBE DELAY TO 3 SECONDS AND RE-LOADED PROGRAM.

F TTS Field Form

River Freshwater Station TR Date 99 01 13 FF# 5

Time 1508 Party REE NCL Stage 0.27

Next Sample # 01 Debris on Boom: No Yes Debris Removed: No Yes

Time Boom Lifted _____ T-Probe Fouling: None Sediment Organics

Optics Cleaned: No Yes Time Boom Submerged _____

Boom Depth .6 Cable Mark 2" lower than lowest mark

stage _____ med_turb _____ nxt_isco _____ dump_cnt _____

bat_volt _____ DI Sample: No Yes AUX Sample: No Yes

Data Dumped: No Yes File Transfer OK: No Yes

Samples Bottles: Removed _____ Discarded _____ Missing _____

Sample Volumes OK: No Yes Water in ISCO Base: No Yes

ISCO Reset to Bottle 1: No Yes Data Logger Clock Reset: No Yes

Comments Moved CRIOX to ISCO shed. T-Probe instability caused by cable length exceeding 60M + possibility of elec noise in garage. Reload TTS-V-2.0. with delay reduced to .3 sec delay between turb readings.

Supplies Needed _____

TTS Field Form

River Freshwater Station FTR Date 1/14/99 FF # 6
 Time 1514 Party NCL Stage .27
 Next Sample # 01 Debris on Boom: No Yes Debris Removed: No Yes
 Time Boom Lifted T-Probe Fouling: None Sediment Organics
 Optics Cleaned: No Yes Time Boom Submerged
 Boom Depth .6 Cable Mark TIRM ONE

stage .27968 med_turb 5.0 nxt_isco 1 dump_cnt 1
 bat_volt 12.657 DI Sample: No Yes AUX Sample: No Yes
 Data Dumped: No Yes File Transfer OK: No Yes
 # Samples Bottles: Removed Discarded Missing
 Sample Volumes OK: No Yes Water in ISCO Base: No Yes
 ISCO Reset to Bottle 1: No Yes Data Logger Clock Reset: No Yes

Comments LOOKS TO BE RUNNING OK. STAGE AND TURBIDITY
READINGS ARE A BIT MORE STABLE. ATTACHED GROUND CABLE
AT 1540.

Supplies Needed

TTS Field Form

River Freshwater Station FTR Date 99 01 15 FF # 7

Time 1420 Party REE NCL Stage 1.00

Next Sample # 01 Debris on Boom: No Yes Debris Removed: No Yes

Time Boom Lifted 1433 T-Probe Fouling: None Sediment Organics

Optics Cleaned: No Yes Time Boom Submerged 1434

Boom Depth 1.25 Cable Mark 2 in below lowest mark

stage .99 med_turb 64 nxt_isco 1 dump_cnt 1

bat_volt 12.641 DI Sample: No Yes AUX Sample: No Yes

Data Dumped: No Yes File Transfer OK: No Yes

Samples Bottles: Removed _____ Discarded _____ Missing _____

Sample Volumes OK: No Yes Water in ISCO Base: No Yes

ISCO Reset to Bottle 1: No Yes Data Logger Clock Reset: No Yes

Comments Raised boom to lowest mark - boom depth ~ 1.0

Load prgm rev 2.1, FIRST WAKEUP @ 1500, CHANGED OFFSET FOR PRESSURE TRANSDUCER TO -.354 AND

RELAIED PROGRAM 1st WAKEUP @ 1515

TRIES STARTING THE ISCO TO GET IT TO FIRE, NO LUCK

Supplies Needed _____

• 92254 - 374
- 354

TTS Field Form

River Freshwater Station FTR Date 99 01 16 FF# 8

Time 1523 Party REE CLARK Stage 1.03

Next Sample # 01 Debris on Boom: No Yes Debris Removed: No Yes

Time Boom Lifted 1533 T-Probe Fouling: None Sediment Organics

Optics Cleaned: No Yes Time Boom Submerged 1535

Boom Depth 1.2 Cable Mark lowest mark

NET ON OPTICS

1717 stage 1.10 med_turb 48 nxt_isco 6 dump_cnt 1

bat_volt 13.4 DI Sample: No Yes AUX Sample: No Yes

Data Dumped: No Yes File Transfer OK: No Yes

Samples Bottles: Removed Discarded Missing

Sample Volumes OK: No Yes Water in ISCO Base: No Yes

ISCO Reset to Bottle 1: No Yes Data Logger Clock Reset: No Yes

Comments REMOVE TREE D.S. OF BOOM

TAKE DISCHARGE + DI. EXCHANGE ISCO SAMPLERS.

TRY DI SAMPLE @ 1730 -> NO SAMPLE
CHANGE PRGM: DELAY FOR C2 = 1
WHICH IS ONLY .01 SEC, need .25 to
SAMPLE -> CHANGE TO 10 -> 1 SEC
COLLECTED

Supplies Needed

TTS Field Form

River Freshwater Station FTR Date 17 Jan 98 FF# 9

Time 1755 Party TR (T. Roe/ofs) Stage 1.11 ft

Next Sample # _____ Debris on Boom: No Yes Debris Removed: No Yes

Time Boom Lifted 1750 T-Probe Fouling: None Sediment Organics

Optics Cleaned: No Yes Time Boom Submerged 1755

Boom Depth 21.0' Cable Mark lowest mark on cable when 1st raised, returned to 1 ft. mark on cable.

stage _____ med_turb _____ nxt_isco _____ dump_cnt _____

bat_volt _____ DI Sample: No Yes AUX Sample: No Yes

Data Dumped: No Yes File Transfer OK: No Yes

Samples Bottles: Removed _____ Discarded _____ Missing _____

Sample Volumes OK: No Yes Water in ISCO Base: No Yes

ISCO Reset to Bottle 1: No Yes Data Logger Clock Reset: No Yes

Comments _____

to) on cable
Raised boom 1 ft @ 9:55 pm -
stage ~ 3.0 ft (11" on
yardstick used last year

Supplies Needed _____

TTS Field Form

River Freshwater Station FTR Date 18 Jan 98 FF # 10

Time 0920 Party TR Stage 1.56 ft

Next Sample # _____ Debris on Boom: No Yes Debris Removed: No Yes

Time Boom Lifted 0920 T-Probe Fouling: None Sediment Organics

Optics Cleaned: No Yes Time Boom Submerged 0923

Boom Depth 1.5 ft Cable Mark lowest

stage _____ med_turb _____ nxt_isco _____ dump_cnt _____

bat_volt _____ DI Sample: No Yes AUX Sample: No Yes

Data Dumped: No Yes File Transfer OK: No Yes

Samples Bottles: Removed _____ Discarded _____ Missing _____

Sample Volumes OK: No Yes Water in ISCO Base: No Yes

ISCO Reset to Bottle 1: No Yes Data Logger Clock Reset: No Yes

Comments T-probe at surface (evidently
raised too high last night when
stage was ~ 3.0 ft

Supplies Needed _____

TTS Field Form

River Freshwater Station FTR Date 99 01 18 FF# 11

Time 1231 Party REE TR Stage 1.46

Next Sample # 15 Debris on Boom: No Yes Debris Removed: No Yes

Time Boom Lifted 1238 T-Probe Fouling: None Sediment Organics slight

Optics Cleaned: No Yes Time Boom Submerged 1239

Boom Depth 1.5 Cable Mark lowest 0

stage 1.52 med_turb 78 nxt_isco 15 dump_cnt 1

bat_volt 13.4 DI Sample: No Yes AUX Sample: No Yes

Data Dumped: No Yes File Transfer OK: No Yes

Samples Bottles: Removed 10 Discarded 3 Missing depth

Sample Volumes OK: No Yes Water in ISCO Base: No Yes

ISCO Reset to Bottle 1: No Yes Data Logger Clock Reset: No Yes

Comments Bottles 10-13 empty because intake

out of water. Set dump to 2

Reset stage to 1.46 @ 1245 wake up

via editing the input location add

.06 to stg-off 15 - .414

.066 .06

.2906 .414

.27474

.06

.280

Supplies Needed _____

TTS Field Form

River Freshwater Station FTR Date 09 01 19 FF # 12
 Time 1403 Party REE NGL ON Stage 1.60
 Next Sample # 03 Debris on Boom: No Yes Debris Removed: No Yes
 Time Boom Lifted 1325 T-Probe Fouling: None Sediment Organics
 Optics Cleaned: No Yes Time Boom Submerged 1326
 Boom Depth 1.4 Cable Mark lowest

change on
 stage 1.54 med_turb 97 nxt_isco 3 dump_cnt 2
 bat_volt 14.9 DI Sample: No Yes AUX Sample: No Yes
 Data Dumped: No Yes File Transfer OK: No Yes
 # Samples Bottles: Removed _____ Discarded _____ Missing _____
 Sample Volumes OK: No Yes Water in ISCO Base: No Yes
 ISCO Reset to Bottle 1: No Yes Data Logger Clock Reset: No Yes

Comments ① meas. 1400. DI + HACK SAMPLE
@ 1430 (med-turb 92) ISCO 02 FIR 03.
Replace ISCO pump tube. Install
cover plate over T-probe housing slot.

Supplies Needed _____

Freshwater Creek: Station FTR

Date 99 06 21 Time 1255 FF # 13

Observers REE NCL Staff Plate 137

Boom Depth ~1.3H Cable Mark _____

Time Boom Lifted 1255 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 1257

Next ISCO Sample # 9 Sample Volumes About 1/3: No Yes

Data Logger Display

→ Time 1434 stage 1.396 med_turb 50 nxt_isco 9

dump_cnt 3 bat_volt 13.1 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed 1-8 Missing 6

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments

Supplies Needed zip locks

Freshwater Creek: Station FTR

Date 990122 Time 1452 FF # 14
 Observers NCL Staff Plate 1.17 A
 Boom Depth 1.0 Cable Mark FIRST
 Time Boom Lifted 1435 Debris on Boom: No Yes 2 LEAVES
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged 1439
 Next ISCO Sample # 01 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 1433 stage 1.1377 med_turb 58 nxt_isco 1
 dump_cnt 3 bat_volt 13.117 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed _____ Missing _____
 Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments

Supplies Needed 3/8" DRILL BIT, CORDLESS DRILL

Freshwater Creek: Station FTR

Date 22 Jan 99 Time 1705 FF # 15

Observers T Roelofs Staff Plate 211

Boom Depth 21.3 ft Cable Mark lowest

Time Boom Lifted 1705 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 1709

Next ISCO Sample # 2 Sample Volumes About 1/3: No Yes

2 taken at 1715 (heard pump run)

Data Logger Display

Time _____ stage _____ med_turb _____ nxt_isco _____

dump_cnt _____ bat_volt _____ Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments

added 5.26 wt to boom
and raised cable to 6.5 ft
water depth on boom = 1.8 ft

Supplies Needed _____

Freshwater Creek: Station FTR

Date 22 Jun 99 Time 1903 FF # 16
Observers TJR Staff Plate 227
Boom Depth _____ Cable Mark 0.5 ft
Time Boom Lifted 1903 Debris on Boom: No Yes
Debris On/Near Optics: No Yes Debris Removed: No Yes
Optics Cleaned with Soap: No Yes Time Boom Submerged 1910
Next ISCO Sample # 5 Sample Volumes About 1/3: No Yes

Data Logger Display

Time _____ stage _____ med_turb _____ nxt_isco _____
dump_cnt _____ bat_volt _____ Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed _____ Missing _____
Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments added the 15 pound weight
to boom and reset at 0.5 ft
mark - water depth on boom
2 ft.

Supplies Needed _____

Freshwater Creek: Station FTR

Date 99 23 JAN 99 Time 10:00 FF # 17
Observers T.R. R.E. C.F. J.N Staff Plate 2.36
Boom Depth 1.0 Cable Mark + 6" 3 wraps 5 marks down
Time Boom Lifted 10:04 Debris on Boom: No Yes
Debris On/Near Optics: No Yes Debris Removed: No Yes
Optics Cleaned with Soap: No Yes Time Boom Submerged 10:12
Next ISCO Sample # 08 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 10:24:54 stage 0.3725 med_turb 104.00 nxt_isco 8.000
dump_cnt 3.000 bat_volt 12.584 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time 1045 AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed 1-8 Missing NONE
Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments

MANITA Rand showed us Isco Procedure
DI & DIS OFF BRIDGE
TERRY SHOWS DATA DUMP RAND & NOAH
OBSERVING PROBE CLEAN

Supplies Needed _____

Freshwater Creek: Station FTR

Date 1-24-99 Time 9:01 FF# 18
Observers C.F. A.A. Staff Plate 1.44
Boom Depth 0.3 Cable Mark 3 wraps 6" in 5 marks showing
Time Boom Lifted NO Debris on Boom: No Yes NA
Debris On/Near Optics: No Yes NA Debris Removed: No Yes
Optics Cleaned with Soap: No Yes Time Boom Submerged 9:07
Next ISCO Sample # 02 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 9:02 stage 1.4200 med_turb 49.000 nxt_isco 2
dump_cnt 4 bat_volt 12.813 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time 9:59 AUX Sample Time None

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed _____ Missing _____
Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments ISCO TUBE EXPOSED ^{TO AIR} LOWERED 4"
BOOM HEIGHT 1.25 AFTER NO DEBRIS VISIBLE
ON PROBE
NO DEBRIS JAMS UP + DOWN
HIT SPACE BAR TWICE + FLAGS BOX
APPEARED WITH DUMP BOX DARKENED
CLICKED ON BOX + Deselected
TOOK DI + DISCHARGE
DROPPED BOOM 2" SO BOOM DEPTH 1.5

Supplies Needed _____

Freshwater Creek: Station FTR

Date 990127 Time 1039 FF # 9

Observers NCL Staff Plate .63

Boom Depth .5 Cable Mark FIRST

Time Boom Lifted 1101 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 1113

Next ISCO Sample # 4 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 1039 stage 63752 med_turb 26 nxt_isco 4

dump_cnt 4 bat_volt 12.794 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes No Set Dump Flag: Yes No File Transferred OK: No Yes

Comments ADDED BRACKET TO ALIGN BOOM WITH THE
DIRECTION OF FLOW. SET BOOM DEPTH TO .25 SO
THAT T-PROBE IS OFF THE BOTTOM OF THE BED.

Supplies Needed _____

Freshwater Creek: Station FTR

Date 99/01/28 Time 1535 FF# 20

Observers REE Staff Plate 0.55

Boom Depth 2 Cable Mark _____

Time Boom Lifted No Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # 04 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 1538 stage 0.546 med_turb 19 nxt_isco 4

dump_cnt 4 bat_volt 13.1 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time No AUX Sample Time No

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed 1-3 Missing 0

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Change desiccant in press trans enclosure

Dump data @ 1351 next dump_cnt=5

Volumes are a little low

Lowered charging time on battery ~ 1 hr.

ISCO line just below surface

Supplies Needed _____

Freshwater Creek: Station FTR

Date 990202 Time 1337 FF# 21
Observers REE Staff Plate 043

Boom Depth ~.1 Cable Mark _____
Time Boom Lifted 1431 Debris on Boom: No Yes Slight
Debris On/Near Optics: No Yes Debris Removed: No Yes
Optics Cleaned with Soap: No Yes Time Boom Submerged _____
Next ISCO Sample # 05 Sample Volumes About 1/3: No Yes 1/4

Data Logger Display

Time 1341 stage 0.42 med_turb 17 nxt_isco 5
dump_cnt 5 bat_volt 13.1 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed 1-4 Missing Ø set to 6
Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments

change min. stg → .4 . Load rev 2.2
@1346 . Dump data first . Change stg-off
to 0.4

Supplies Needed _____

Freshwater Creek: Station FTR

Date _____ Time _____ FF # 22

Observers _____ Staff Plate _____

Boom Depth _____ Cable Mark _____

Time Boom Lifted _____ Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time _____ stage _____ med_turb _____ nxt_isco _____

dump_cnt _____ bat_volt _____ Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

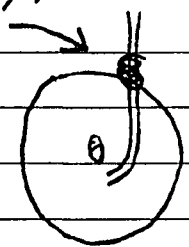
Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Class in creek @ 1455 on 99 02 02

Sample 1500. Boom was on bed raised @ 1505. Placed a wrap of copper-colored wire on cable at correct ht.

may have resulted from new prgm rev upload



Supplies Needed _____

Freshwater Creek: Station FTR

Date 99 02 6

Time 08:54

FF # 23

Observers C.F. / A.A.

Staff Plate 0.80

Boom Depth 0.70

Cable Mark BRASS MARK

Time Boom Lifted 8:55

Debris on Boom: No Yes

Debris On/Near Optics: No Yes

Debris Removed: No Yes

Optics Cleaned with Soap: No Yes

Time Boom Submerged 8:57

Next ISCO Sample # 06

Sample Volumes About 1/3: No Yes

Data Logger Display

Time 09:00

stage 0.8723

med_turb 174.0

nxt_isco 06

dump_cnt 06

bat_volt 12.683

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____

AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments ISCO SAMPLED 8:51 ? #5

SMALL

BRANCH ON PROBE FLOWS, SET BOOM @ 1.0
TRASH, LOOKS CLEAN
11:17 Stage 2.9

11:24 BOOM RAISED TO 1.5 YELLOW DOT

11:48 Sample DIS at Instrument

Supplies Needed _____

Freshwater Creek: Station FTR

Date 99 02 06 Time 1435 FF # 24

Observers REE NCL TR JN CF Staff Plate 3.7

Boom Depth _____ Cable Mark _____

Time Boom Lifted _____ Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time _____ stage _____ med_turb _____ nxt_isco _____

dump_cnt _____ bat_volt _____ Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed 1-17 Missing Ø

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Prgr 2.2 was running on 2 min

intervals. Fix interval to 15 min.

Re-load prgr @ 1432. Dump file + bottles

17:26 added bottle ring to isco sampler

17:30 lowered boom to 1.8 feet over sensor

Supplies Needed _____

Freshwater Creek: Station FTR

Date 99 02 08 Time 15:39 FF # 25
Observers C. F. B. M. Staff Plate 1.42
Boom Depth 1.4 Cable Mark BRASS 2" above veel
Time Boom Lifted 15:40 Debris on Boom: No Yes
Debris On/Near Optics: No Yes Debris Removed: No Yes
Optics Cleaned with Soap: No Yes Time Boom Submerged 15:41
Next ISCO Sample # 12 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 15:43 stage 1.3798 med_turb 59.000 nxt_isco 12
dump_cnt 7 bat_volt 12.969 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed _____ Missing _____
Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Bob and I do a discharge
probe clean
Discharge start 15:56

Supplies Needed _____

Freshwater Creek: Station FTR

Date 8 Feb 99 Time 1920 FF # 26

Observers T. Roelofs Staff Plate _____

Boom Depth _____ Cable Mark _____

Time Boom Lifted _____ Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 1920 stage 1.49 med_turb 66 nxt_isco 12

dump_cnt 07 bat_volt 12.8 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed 11 Missing ∅

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments _____

Supplies Needed _____

Freshwater Creek: Station FTR

Date 9 Feb 99 Time 9:03 FF # 27

Observers TR Staff Plate _____

Boom Depth _____ Cable Mark _____

Time Boom Lifted 9:03 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # 04 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 9:03 stage 2.64 med_turb 117 nxt_isco 04

dump_cnt 08 bat_volt 12.7 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments checked boom - reset to
depth of ~ 1.8 ft

RE 2/11 change desiccant in Press Trans box.
Lowered boom (copper wire @ edge of reel)
@ 1419. Change discharge eq. in prgm

Supplies Needed _____

Freshwater Creek: Station FTR

Date 15 Feb 99 Time 17:50 FF # 28

Observers TR Staff Plate _____

Boom Depth _____ Cable Mark _____

Time Boom Lifted _____ Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 17:50 stage 0.93 med_turb 29 nxt_isco 9

dump_cnt 8 bat_volt 12.6 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed 8 Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments

Pump sampler initially failed to reset - turned unit on and off a few times - finally removed the base and it reset to position.

This morning Andre Lehre's fluvial class did a series of x sections and 3 discharge measurements (see notes to left). He would like to get the stage readings from 9 AM to 11 AM today.

Supplies Needed _____

Need stages every 15 min from 0900 to 1100 on 15 Feb. 99 for Andre Lehre alt. 100.exe
class discharge measures 68.5 68.6 7:05 - 10 AM

Freshwater Creek: Station FTR

Date 990218 Time 0945 FF # 29

Observers REE NCL Staff Plate 1.20

Boom Depth 1.2 Cable Mark _____

Time Boom Lifted 0946 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 0956

Next ISCO Sample # #3 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 0939 stage 11323 med_turb 52 nxt_isco 5

dump_cnt 9 bat_volt 12.5 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed _____ Missing #4

Reset ISCO to Bottle 1: Yes No Set Dump Flag: Yes No File Transferred OK: No Yes

Comments ISCO NOT MATCHING NXT ISCO
Distributor arm not secure & catching
on bottles bottle 4 empty. Dist. arm
re-secured. Attempted to point ISCO
intake downward

Supplies Needed _____

Freshwater Creek: Station FTR

Date 21 Feb 99 Time 10:24 FF # 30

Observers TR Staff Plate _____

Boom Depth _____ Cable Mark _____

Time Boom Lifted _____ Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 10:24 stage 1.36 med_turb 40 nxt_iscc 10

dump_cnt 09 bat_volt 12.621 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed 9 Missing #4

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments 1450 ON 990223 ISCO TOOK A SAMPLE AFTER

LIQ WAS LIFTED OFF SAMPLER ARM DROPPED AND TOUCHED

TOP OF BOTTLES SO SAMPLES LOST.

@ 1502 LIFTED BOOM, ADDED BRACKET FOR LIQ TUBING TO 17

POINTS DOWNWARD. Normal sample @ 1515. AT 1531

(exchange ISCO, download data, load Rev. 2.3

MISSING INTERFERENT, were mented -> Removed 4 bottles

labeled dump 10 (all have samples) #4

sampled ~~10~~ but incorrectly see note above

Supplies Needed _____

Freshwater Creek: Station FTR

Date 99 02 24 Time 1555 FF# 31

Observers NCL Staff Plate 111

Boom Depth 1.5 Cable Mark 4

Time Boom Lifted _____ Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 1555 stage 1.17 med_turb 33 nxt_isco 2

dump_cnt 11 bat_volt 12.754 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments 990224 @ 1605 SENT PROGRAM TO DATALOGER

BECAUSE RAINFALL MULTIPLIER WAS SET AT 1 INSTEAD OF .01.

MISSED WAKE-UP INTERVAL AT 1615.

WOKE-UP OK AT 1630.

@ 1634 DOWNLOADED FILE TO CHECK IF EVERYTHING IS OK.

EDITED FILE TO CURRENT DUMP COUNT (11) DID NOT DO

A COMPLETE DATA DUMP BECAUSE ONLY 1 BOTTLE HAD BEEN

SAMPLED

ALSO EDITED RAINFALL VALUES TO BE IN HUNDRETHS

OF AN INCH (.01)

Supplies Needed _____

Freshwater Creek: Station FTR

Date 990226 Time 1557 FF # 33
Observers NCL REE Staff Plate 1.4 @ 1631

Boom Depth _____ Cable Mark _____

Time Boom Lifted 1620 + 1631 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 1625 + 1640

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 1557 stage 1.5937 med_turb 38 nxt_isco 6

dump_cnt 11 bat_volt 12.794 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes No Set Dump Flag: Yes No File Transferred OK: No Yes

Comments

Supplies Needed _____

Freshwater Creek: Station FTR

Date 99.03.01 Time 16:28 FF # 34

Observers C.F. T.R. Staff Plate 1.350

Boom Depth 1.0 Cable Mark 4 STRANDS COPPER

Time Boom Lifted 16:34 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 16:36

Next ISCO Sample # 11 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 16:27 stage 1.3194 med_turb 36.00 nxt_isco 11.00

dump_cnt 11.00 bat_volt 12.754 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed 1 → 10 Missing NONE

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Terry + Clark - 4 new packs dessicant

IN PRESSURE TRANSDUCER BOX - SAND BELOW

PROBE ON CASING - NO DEBRIS ON TURBIDITY PROBE -

TRIO OF TUBES ABOVE ISCO TUBES - 1 THATS NECK

DOWN COMPLETELY CLOGGED SEDIMENT - UNCLOGGED

990302 Take "TEST" sample for X-contam.

check. Take 2 GC split 1+2 samples.

7 Mar 99 1755 - moved boom downstream

to 2 ft and adjusted to depth

of 20.7 ft on boom (TR)

Supplies Needed 0

Freshwater Creek: Station FTR

Date 990310 Time 1350 FF # 35
Observers NCL REE Staff Plate 1.06
Boom Depth .5 Cable Mark COPPER WIRE
Time Boom Lifted ~~1216~~ 1416 Debris on Boom: No Yes
Debris On/Near Optics: No Yes Debris Removed: No Yes
Optics Cleaned with Soap: No Yes Time Boom Submerged ~~1229~~ 1429
Next ISCO Sample # 6 Sample Volumes About 1/3: No Yes

Data Logger Display

Time ~~1350~~ 1350 stage 1.0153 med_turb 37 nxt_isco 1
dump_cnt 12 bat_volt 12.914 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed 5 Missing NONE
Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments 1 TEST SAMPLE AND 2 QCL SAMPLES
1436 HOSED OUT PRESSURE TRANSDUCER CONDUIT TO REMOVE SEDIMENT
CLEANED T-PROBE OPTICS

changed ISCO intake so it points towards the bed,
added SS 1/4 x 3/8 intake "nozzle"

16 Mar 99

12:20 pm - changed ISCO bottles -
changed flag to 14

Supplies Needed _____

Freshwater Creek: Station FTR

Date 99 03 19 Time 1415 FF # 36
 Observers REE Staff Plate 0.61
 Boom Depth 0.5 Cable Mark between low water mark + wire
 Time Boom Lifted 1448 Debris on Boom: No Yes
 Debris On/Near Optics: No Yes Debris Removed: No Yes
 Optics Cleaned with Soap: No Yes Time Boom Submerged 1448
 Next ISCO Sample # 01 Sample Volumes About 1/3: No Yes

Data Logger Display
 Time 1419 stage .549 med_turb 18 nxt_isco 1
 dump_cnt 14 bat_volt 12.8 Data Logger Clock Reset: No Yes 14 sec fast

Manual Sample Collection NO
 DI Sample Time _____ AUX Sample Time NO

Data Dump (ISCO bottles exchanged) _____
 Bottle Numbers: Removed _____ Missing 0
 Reset ISCO to Bottle 1: Yes No Set Dump Flag: Yes No File Transferred OK: No Yes

Comments Replace file on C drive with corrected file from floppy

- ~~Test + QC samples @ 1430-1435~~
- ~~Change press trans desiccant~~
- ~~Some algae growing on T-probe cover close to optics - no change in turb after cleaning~~
- ~~No evidence of sed in intake nozzle~~

Supplies Needed _____ after sampling

Freshwater Creek: Station FTR

Date 24 Mar, 99 Time 1532 FF# 37
Observers TR Staff Plate 3.05

Boom Depth 1.5 ft Cable Mark _____
Time Boom Lifted 1533 Debris on Boom: No Yes
Debris On/Near Optics: No Yes Debris Removed: No Yes
Optics Cleaned with Soap: No Yes Time Boom Submerged _____
Next ISCO Sample # 10 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 1512 stage 309 med_turb 26 nxt_isco 10
dump_cnt 14 bat_volt 12.714 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed _____ Missing _____
Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments 990324 @ 1605 QC SAMPLES NCL

F127 - Boom out of H2O - lowered to 1.0 ft

Supplies Needed _____

Freshwater Creek: Station FTR

Date: 28 Mar 99 Time 0814 FF # 38

Observers TR Staff Plate _____

Boom Depth 16+ Cable Mark _____

Time Boom Lifted _____ Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 0814 stage 089 med_turb 30 nxt_isco 21

dump_cnt 14 bat_volt 12.88 Data Logger Clock Reset: No

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed 20 Missing 0

Reset ISCO to Bottle 1: Set Dump Flag: File Transferred OK: No Yes

Comments Dump 15 had 3 intervals and no samples.

Supplies Needed _____

Freshwater Creek: Station FTR

Date 29 MAR 99 Time 17:11:18 FF# 39

Observers C.F. J/N Staff Plate _____

Boom Depth 0.5 Cable Mark BRASS

Time Boom Lifted 17:48 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 17:49

Next ISCO Sample # 4 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 17:13:51 stage 0.77501 med_turb 30.00 nxt_isco 3

dump_cnt 16 bat_volt 12.621 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time #1 - 17:30

ISCO #3 ISCO #4
#2 - 18:00
#3 - 18:15 ISCO #5

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments Jesse + Clark

#1 AUX - HACH ^{CE} DIS ALSO DONE SAME TIME 17:30
STAGE = 0.82

TEST SAMPLE @ 17:39 + QR SPLIT 1 MIN
LATER

TOOK HACH GRAB SAMPLES + DIS W/WADING ROD AS
SOON AS PUMP KICKED ON + WATER APPEARED IN TUBE
ON BOOM.

SMALL LOW POINT IN ISCO HOSE @ BUNGEE CORD

Supplies Needed _____

Freshwater Creek: Station FTR

Date 99 04 07 Time 1012 FF # 40

Observers NCL Staff Plate .9

Boom Depth .6 Cable Mark BLUE/YELLOW BELOW BRASS

Time Boom Lifted 1047 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 1053

Next ISCO Sample # 17 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 0913 stage .89235 med_turb 25 nxt_isco 17

dump_cnt 16 bat_volt 12.401 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed 16 Missing NONE

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments CHANGED DESSICANT IN DATALOGGER BOX AND

PRESSURE TRANSDUCER BOX

Supplies Needed _____

Freshwater Creek: Station **FTR**

Date 990421

Time 1551 (1458)

FF # 41

Observers RGE

Staff Plate 0.36

Boom Depth .49

Cable Mark last paint mark

Time Boom Lifted 1502

Debris on Boom: No Yes

Debris On/Near Optics: No Yes

Debris Removed: No Yes

Optics Cleaned with Soap: No Yes

Time Boom Submerged 1504

Next ISCO Sample # 11

Sample Volumes About 1/3: No Yes

Data Logger Display

Time 1455

stage .304

med_turb 11

nxt_isco 11

dump_cnt 17

bat_volt 12.6

Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time

AUX Sample Time

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed 10

Missing 0

Reset ISCO to Bottle 1: Yes

Set Dump Flag: Yes

File Transferred OK: No Yes

Comments Dump data + re boot PC, need to
change PT desiccant (none @ site)

Macroinverts on housing

Supplies Needed desiccant

Freshwater Creek: Station FTR

Date 990507 Time 1137 FF # 42

Observers RE Staff Plate 0.56

Boom Depth 7 Cable Mark _____

Time Boom Lifted 1140 Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged 1142

Next ISCO Sample # 10 Sample Volumes About 1/3: No Yes

Data Logger Display

Time 1140 stage 518 med_turb 30 nxt_isco 10

dump_cnt 18 bat_volt 12.11 Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes No Set Dump Flag: Yes No File Transferred OK: No Yes

Comments macroinverts on housing. Turb dropped
to 22 from 30 after cleaning optics

Raise boom & disconnect T-probe for
summer. Shut ISCO off 1222

Supplies Needed _____

Freshwater Creek: Station FTR

Date 990526 Time 1353 PST FF # 43

Observers KE Staff Plate 0.31

Boom Depth N/A Cable Mark N/A

Time Boom Lifted _____ Debris on Boom: No Yes

Debris On/Near Optics: No Yes Debris Removed: No Yes

Optics Cleaned with Soap: No Yes Time Boom Submerged _____

Next ISCO Sample # _____ Sample Volumes About 1/3: No Yes

Data Logger Display

Time 1353 stage .235 med_turb N/A nxt_isco N/A

dump_cnt 18 bat_volt _____ Data Logger Clock Reset: No Yes

Manual Sample Collection

DI Sample Time _____ AUX Sample Time _____

Data Dump (ISCO bottles exchanged)

Bottle Numbers: Removed _____ Missing _____

Reset ISCO to Bottle 1: Yes Set Dump Flag: Yes File Transferred OK: No Yes

Comments change desiccant (PT)

Supplies Needed _____