Location JC REDWOOD CR. SF66L Sampled by JN Date 10-30-00
Rain start time ____ Current weather RAIN OVER Time 12:30 CF
Peak stage 8" ± Current stage 6" FALLING SF66L #1
Culvert size ____ Culvert flow depth ____ Culvert invert ____ CODED 4-14-01
High-velocity width ____ Low-velocity width ____ MY01
Dist.#1 ____ Time #1 ____ Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

33 sec / 13'

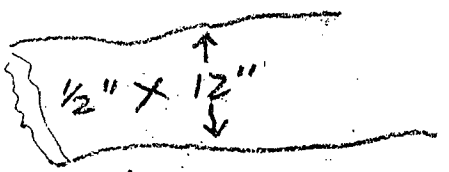
OIGR 0017

Comments: FIRST FLOW OF SEASON, DRY CREEKBED AT THIS CROSSSECTION EARLIER THIS WEEK

Turbidity 23.0 NTU's
Measured by JN
Date/time 10-30-00

Location SEELY - SKYLINE Sampled by JN Date 10-30-00
Rain start time ____ Current weather RAIN OVER Time 14:39
Peak stage FALLING Current stage MINUS ON GAUGE
Culvert size ____ Culvert flow depth ____ Culvert invert ____
High-velocity width ____ Low-velocity width ____
Dist.#1 ____ Time #1 ____ Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

ALL FLOW IS UNDER CULVERT



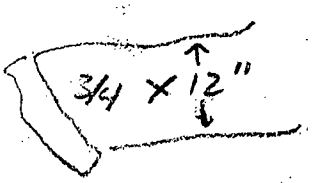
1'/3 sec

OIGR 0018

Comments:

Turbidity 25.8 NTU's
Measured by JN
Date/time 14:45 10-30-00

Location SEELY - RICHARDS Sampled by JN Date 10-30-00
Rain start time ____ Current weather RAIN OVER Time 14:57
Peak stage FALLING Current stage ____
Culvert size ____ Culvert flow depth ____ Culvert invert ____
High-velocity width ____ Low-velocity width ____
Dist.#1 ____ Time #1 ____ Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: Sketch cross-section of channel:



1'/3 sec

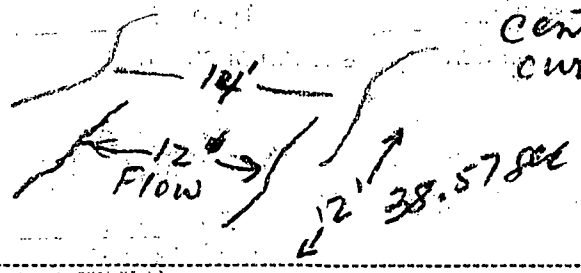
OIGR 0013

Comments:

Turbidity 96.8 NTU's
Measured by JN
Date/time 14:57

Location SEELY - WALLY'S | Sampled by JN | Date 10-30-00
Rain start time _____ | Current weather _____ | Time 15:02
Peak stage _____ | Current stage ↓1.59" | STEEL #2
Culvert size _____ Culvert flow depth _____ Culvert invert _____ | COPIED 4-14-01
High-velocity width _____ | Low-velocity width _____ | HY01
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

Center, right and Left current SAME

01 GR 0014

Comments:

Turbidity 96.6 NTU's
Measured by JN
Date/time 10-30-00

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location Cow Creek | Sampled by Seth Fahn | Date 2/22
Rain start time | Current weather overcast | Time 15:08
Peak stage | Current stage | SF EEL #3
Culvert size | Culvert flow depth | Culvert invert | 14 01 COPIED 5-10-01
High-velocity width | Low-velocity width
Dist.#1 12.5' Time #1 4:30 | Dist.#1 | Time #1
Dist.#2 12.5' Time #2 3:50 | Dist.#2 | Time #2
Dist.#3 | Time #3 4:12 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments: 016R 0145

#22423
Turbidity 55.8 NTU's
Measured by SF
Date/time 5/19/01 13:33

Location Calf Creek | Sampled by SF | Date 2/22
Rain start time | Current weather overcast | Time 15:27
Peak stage | Current stage 911
Culvert size 40" | Culvert flow depth 18" | Culvert invert 22"
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments: 016R 0146

#22423
Turbidity 57.0 NTU's
Measured by SF
Date/time 5/19/01 13:36

Location | Sampled by | Date
Rain start time | Current weather | Time
Peak stage | Current stage
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity NTU's
Measured by
Date/time

Freshwater HY 01
#65 C5-10-01

Watershed Watch / Salmon Forever
ISCO Timed Sampling Field Form

HY

Location McCready By Jesse Noell
Dump # ISCO # 5 INSTALLED
Time Interval Set to 360 MIN
Turbidities Run Date / Time
Sign-in Sheet Page #
Turbidities By JN
TUM # 22441 Date / Time 4/17

Date / Time ISCO started 20:10 4/7/01
Started at Bottle # 1
Sampling Delay at start? 1MIN
Counting Down ? Yes
Bottle # Display at start was # 1
Volumes good? yes, set at 9 and 40ML
Water in Base? NONE 4/7 or 4/16

Comments: Volumes very even all bottles @12:47 on 4-9 (84 MINUTES to SAMPLE 8) SYPHON INLET at MIDDLE OF WATER COLUMN ± 2" below surface (at same pt. in Rot
NTU @ 11:43 to 12:01 4/17/01 Turbidity of cleaned bottle 0.35 NTU'S

	ISCO ID#	Time	Stage	Turbidity		ID#	Time	Stage	Turbidity
17 @ 11:43 B #1	0698	20:10 4/7		42.7	B #13	0710	20:10		15.9
B #2	0699	02:10 4/8		38.9	B #14	[redacted]	[redacted]		[redacted]
B #3	0700	08:10		32.2	B #15	0629	08:10		18.4
12:01 B #4	0701	14:10		28.7	14:22 B #16	0630	14:10		15.8
13:05 B #5	0702	20:10		41.3	15:39 B #17	0631	20:10		23.1
B #6	0703	02:10 4/9		34.5	B #18	0632	02:10 4/12		17.8
B #7	0704	08:10		25.2	B #19	0633	08:10		13.1
B #8	0705	14:10		24.4	B #20	0634	14:10		14.9
18:32 B #9	0706	20:10		21.3	B #21	0635	20:10		14.0
B #10	0707	02:10 4/10		18.4	B #22	0636	02:10 4/13		12.2
13:42 B #11	0708	08:10		18.5	B #23	0608	08:10		12.4
B #12	0709	14:10		15.9	B #24	0607	14:10		11.5
				4/17 @	16:02	0611	20:10		10.8

0.38 .36 .31 .26 .44 .23 .45 .48 .45 .35 .44 .36 .35 .37 .40 .41 .44 .39 .34 .39

Location McCready By JN
Dump # ISCO # 5
Time Interval Set to 360
Turbidities Run Date / Time
Sign-in Sheet Page #
Turbidities By
TUM # Date / Time

Date / Time ISCO started
Started at Bottle # 1
Sampling Delay at start? ~~1~~ 1
Counting Down ? YES
Bottle # Display at start was #
Volumes good?
Water in Base?

Comments: pump arm jammed on reset at #12, reset after lifting off base

4/16/01

	ID#	Time	Stage	Turbidity		ID#	Time	Stage	Turbidity
B #1		21:29			B #13				
B #2		03:29			B #14				
B #3					B #15				
B #4					B #16				
B #5					B #17				
B #6					B #18				
B #7					B #19				
B #8					B #20				
B #9					B #21				
B #10					B #22				
B #11					B #23				
B #12					B #24				

Location FTR | Sampled by C. FENTON | Date 4-20-00 CF
Rain start time | Current weather | Time 14:16
Peak stage | Current stage 0.69 | ID # 01GR 0767
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

NO SSC

Freshwater
#66
HX01 05-10-01

Comments:

TUM # 22423
Turbidity 16.4 NTU's
Measured by C. FENTON
Date/time 4-20-00 @ 14:20

Location | Sampled by | Date CF
Rain start time | Current weather | Time
Peak stage | Current stage | ID #
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

TUM #
Turbidity NTU's
Measured by
Date/time

Location | Sampled by | Date
Rain start time | Current weather | Time
Peak stage | Current stage | ID #
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

TUM #
Turbidity NTU's
Measured by
Date/time

Location BRTZ 1 | Sampled by RM | Date 4/06/01
Rain start time _____ | Current weather _____ | Time 1650
Peak stage _____ | Current stage .75 | ID # 01GR 0113 ✓
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1	10' Time #1 3 s.	Dist.#1	Time #1
Dist.#2	Time #2	Dist.#2	Time #2
Dist.#3	Time #3	Dist.#3	Time #3

Sketch map of high and low velocity strands: Sketch cross-section of channel:

BEF #27 C 5-10-01 HY01

after steady rain for 1½ days

TUM # 9614

Comments:

Turbidity 926 NTU's
Measured by C. FENTON
Date/time 4-25-01 @ 16:10

Location BTH 1 | Sampled by RM | Date 4/06/01
Rain start time _____ | Current weather _____ | Time 1700
Peak stage _____ | Current stage .725 | ID # 01GR 0109 ✓
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1	10' Time #1 4.5 s.	Dist.#1	Time #1
Dist.#2	Time #2	Dist.#2	Time #2
Dist.#3	Time #3	Dist.#3	Time #3

Sketch map of high and low velocity strands: Sketch cross-section of channel:

after steady rain for 1½ days

TUM # 9614

Comments:

Turbidity 229 NTU's
Measured by C. FENTON
Date/time 4-25-01 @ 16:07

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____ | ID #
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1	Time #1	Dist.#1	Time #1
Dist.#2	Time #2	Dist.#2	Time #2
Dist.#3	Time #3	Dist.#3	Time #3

Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM #

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location BET3 | Sampled by SF/WR | Date 3/21/01
Rain start time none | Current weather clear | Time 11:06
Peak stage — | Current stage 0.19 feet
Culvert size 44" | Culvert flow depth 0.19' | Culvert invert —
High-velocity width — | Low-velocity width —
Dist.#1 — | Time #1 — | Dist.#1 — | Time #1 —
Dist.#2 — | Time #2 — | Dist.#2 — | Time #2 —
Dist.#3 — | Time #3 — | Dist.#3 — | Time #3 —
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

BET #26
C5-10-01
HY01

No Sample

Comments:

Turbidity ____ NTU's
Measured by ____
Date/time ____

Location BET3 | Sampled by SF | Date 4/2/01
Rain start time 9130 | Current weather light rain | Time 11:15
Peak stage — | Current stage 0.45 Feet
Culvert size 44" | Culvert flow depth 0.45' | Culvert invert —
High-velocity width — | Low-velocity width —
Dist.#1 10' | Time #1 5.67 | Dist.#1 — | Time #1 —
Dist.#2 ↓ | Time #2 4.44 | Dist.#2 — | Time #2 —
Dist.#3 — | Time #3 3.68 (26) | Dist.#3 — | Time #3 —
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments: OIGR
0800

#9614

Turbidity 79.5 NTU's
Measured by SF
Date/time 4/20/01 15:07

Location BET3 | Sampled by SF | Date 4/2/01
Rain start time 930 | Current weather overcast | Time 11:45
Peak stage — | Current stage ~~0.36 Feet~~ .26' feet
Culvert size — | Culvert flow depth — | Culvert invert —
High-velocity width — | Low-velocity width —
Dist.#1 10' | Time #1 6.17 | Dist.#1 — | Time #1 —
Dist.#2 — | Time #2 7.01 | Dist.#2 — | Time #2 —
Dist.#3 ↓ | Time #3 5.54 | Dist.#3 — | Time #3 —
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

#9614

Turbidity 101 NTU's
Measured by SF
Date/time 4/20/01 15:11

Comments: 0160R
0782

Location LSFelkCr Sampled by Seth Frech Date 3/25/01
Rain start time Current weather overcast Time 14:15
Peak stage Current stage 20.5" ↓
Culvert size – Culvert flow depth – Culvert invert –

ELK #50
HY 01
COPIED
5-10-01

High-velocity width Low-velocity width
Dist.#1 20' Time #1 27.24 Dist.#1 Time #1
Dist.#2 ↓ Time #2 28.13 Dist.#2 Time #2
Dist.#3 Time #3 27.36 Dist.#3 Time #3

Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments: 01GR Stage guage - 35.5"
0783

9614

Turbidity 8.79 NTU's
Measured by SF
Date/time 4/20 15:59

Location CSFelK cr. Sampled by Seth Frech Date 3/24/01 *
Rain start time 9hrs prior Current weather rain (heavy) Time 17:15 ★
Peak stage Current stage 20.0" ↑
Culvert size Culvert flow depth Culvert invert
High-velocity width Low-velocity width
Dist.#1 Time #1 Dist.#1 Time #1
Dist.#2 Time #2 Dist.#2 Time #2
Dist.#3 Time #3 Dist.#3 Time #3

Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments: 01GR
0792
at 13:15 3/24/01
iron pipe to H2O level
Stage 36.0"

#9614

Turbidity 6.44 NTU's
Measured by SF
Date/time 4/20/01 @ 15:25

Location Sampled by Date
Rain start time Current weather Time
Peak stage Current stage
Culvert size Culvert flow depth Culvert invert
High-velocity width Low-velocity width
Dist.#1 Time #1 Dist.#1 Time #1
Dist.#2 Time #2 Dist.#2 Time #2
Dist.#3 Time #3 Dist.#3 Time #3

Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity NTU's
Measured by
Date/time

Location LSFelk OC | Sampled by Seth Farkl | Date 3/25
Rain start time 24 hrs prior | Current weather clear | Time 5 15
Peak stage _____ | Current stage clear
Culvert size _____ Culvert flow depth _____ Culvert invert 23" ↓

ELK #52
COPIED 5-10-01
HYDI

High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

#9614

Comments: OIGR 0781 stage gauge at ~35.5"

Turbidity 9.65 NTU's
Measured by SF
Date/time 4/20 15:45

Location LSFelk OC | Sampled by Seth Farkl | Date 3/25
Rain start time 24hrs prior | Current weather overcast | Time 8 15
Peak stage _____ | Current stage 22" ↓
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments: OIGR 0785 iron pipe to H20 level
stage gauge at ~36.0"

Turbidity 6.70 NTU's
Measured by SF
Date/time 4/20 15:45

Location LSFelk OC | Sampled by Seth Farkl | Date 3/25
Rain start time 27 hrs prior | Current weather gray-ish (no rain) | Time 11 15
Peak stage _____ | Current stage 2ft at site ↓
Culvert size — Culvert flow depth — Culvert invert —

High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments: Bottle OIGR 0785 stage gauge @ 36.0"

Turbidity 6.46 NTU's
Measured by SF
Date/time 4/20 15:53

Location LSFelk OG | Sampled by Seth Fowler | Date 3/24/01
Rain start time 12 hrs | Current weather rain - intense | Time 20:15
Peak stage _____ | Current stage 20.5" ↑
Culvert size _____ Culvert flow depth _____ Culvert invert _____

ELK #51
COPIED
5-10-01
MY01

High-velocity width _____	Low-velocity width _____
Dist.#1 _____ Time #1 _____	Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____	Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____	Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments: Bottle OLGR 0791 ✓

#9614

Turbidity 6.66 NTU's
Measured by SF
Date/time 4/20/01 15:30

Location LSFelk OG | Sampled by Seth Fowler | Date 3/24/01
Rain start time 15 hrs | Current weather overcast | Time 23:15
Peak stage _____ | Current stage 22" ↑
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____	Low-velocity width _____
Dist.#1 _____ Time #1 _____	Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____	Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____	Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments: OLGR 0793 ✓

Turbidity 738 NTU's
Measured by SF
Date/time 4/20 15:35

Location LSFelk OG | Sampled by Seth Fowler | Date 3/25/01
Rain start time 18hrs prior | Current weather clear | Time 2:15
Peak stage 23.5" | Current stage 23.5" ↓ -
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____	Low-velocity width _____
Dist.#1 _____ Time #1 _____	Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____	Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____	Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

#9614

Comments: OLGR 0784 ✓ Meas. pipe to H_2O level Stage gauge at 39.0"

Turbidity 8.25 NTU's
Measured by SF
Date/time 4/20 15:35

Location LSFork 06 Sampled by SF Date 4/7/01
Rain start time ______ Current weather Misty Time 7:05
Peak stage 26.5 Current stage 26.5 inches
Culvert size — Culvert flow depth — Culvert invert —

ELK #54
HY 01
COPIED
5-10-01

High-velocity width ______ Low-velocity width ______
Dist.#1 20 Time #1 14.27 Dist.#1 ______ Time #1 ______
Dist.#2 ↓ Time #2 14.31 Dist.#2 ______ Time #2 ______
Dist.#3 ↓ Time #3 13.40 Dist.#3 ______ Time #3 ______

@ 7:56 am stage 26.5"

Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments: 01GR 0780

#22423

Turbidity 17.4 NTU's
Measured by SF
Date/time 4/23/01 14:02

Location LSFork 06 Sampled by SF Date 4/7
Rain start time ______ Current weather Overcast Time 10:05
Peak stage ______ Current stage 26.5 inches
Culvert size — Culvert flow depth — Culvert invert —
High-velocity width ______ Low-velocity width ______
Dist.#1 ______ Time #1 ______ Dist.#1 ______ Time #1 ______
Dist.#2 ______ Time #2 ______ Dist.#2 ______ Time #2 ______
Dist.#3 ______ Time #3 ______ Dist.#3 ______ Time #3 ______
Sketch map of high and low velocity strands: Sketch cross-section of channel:

01GR 0796

Comments:

22423

Turbidity 14.8 NTU's
Measured by SF
Date/time 4/23/01 14:11

Location LSFork 06 Sampled by SF Date 4/7
Rain start time ______ Current weather Clear Time 13:00
Peak stage ______ Current stage 26.5
Culvert size ______ Culvert flow depth ______ Culvert invert ______
High-velocity width ______ Low-velocity width ______
Dist.#1 20' Time #1 13.07 Dist.#1 ______ Time #1 ______
Dist.#2 / Time #2 14.80 Dist.#2 ______ Time #2 ______
Dist.#3 / Time #3 14.13 Dist.#3 ______ Time #3 ______

01GR 0799

Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

#22423

Turbidity 12.3 NTU's
Measured by SF
Date/time 4/23/01 14:16

Location [illegible] Sampled by SF / SR Date 2/16
Rain start time ____ Current weather [illegible] Time 15:30
Peak stage ____ Current stage 22 inches #59
Culvert size — Culvert flow depth — Culvert invert —
High-velocity width ____ Low-velocity width ____ ELK #53
Dist.#1 20' Time #1 25.16 Dist.#1 20' Time #1 42.75 HY 01
Dist.#2 " Time #2 24.34 Dist.#2 17' Time #2 59.87 COPIED
Dist.#3 " Time #3 22.12 Dist.#3 17' Time #3 45.60 5-10-01
Sketch map of high and low velocity strands: Sketch cross-section of channel:

LB 78'' RB

016R
0790

4'' / 6.75'' / 8'' / 8'' / 8.5'' / 8.5 / 8.5 / 10 / 8 / 9 / 9 / 8.5 / 9 / 8.5 / #22423

Comments: 24'' slow H20

Turbidity 3.31 NTU's
Measured by SF
Date/time 4/23 @ 13:50

Location LSfelk 06 Sampled by SF Date 4/7
Rain start time ____ Current weather clear Time 1:00
Peak stage ____ Current stage 25''
Culvert size ____ Culvert flow depth ____ Culvert invert ____
High-velocity width ____ Low-velocity width ____
Dist.#1 ____ Time #1 ____ Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

016R
803

#22423

Comments:

Turbidity 16.8 NTU's
Measured by SF
Date/time 4/23/01 13:58

Location LSfelk 06 Sampled by SF Date 4/7/01
Rain start time ____ Current weather clear Time 4am
Peak stage ____ Current stage 26''
Culvert size ____ Culvert flow depth ____ Culvert invert ____
High-velocity width ____ Low-velocity width ____
Dist.#1 20' Time #1 12.01 Dist.#1 ____ Time #1 ____ 016R
Dist.#2 " Time #2 13.89 Dist.#2 ____ Time #2 ____
Dist.#3 " Time #3 13.71 Dist.#3 ____ Time #3 ____ 0789
Sketch map of high and low velocity strands: Sketch cross-section of channel:

#22423

Comments:

Turbidity 18.5 NTU's
Measured by SF
Date/time 4/23/01 13:59

Location LsFolk.00 | Sampled by SF | Date 4/7
Rain start time _____ | Current weather Sun | Time 16:04
Peak stage _____ | Current stage 25" | ID # 01GR 0787 '60' on bottle
Culvert size — Culvert flow depth — | Culvert invert —
High-velocity width _____ | Low-velocity width _____
Dist.#1 20ft Time #1 13.66 | Dist.#1 _____ Time #1 _____
Dist.#2 / Time #2 15.67 | Dist.#2 _____ Time #2 _____
Dist.#3 ✓ Time #3 14.00 | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

ELK#55 HY 01 COPIED 5-10-01

TUM # 22423
Turbidity 10.5 NTU's
Measured by SF
Date/time 4/23/01 14:19

Comments:

Location Ls Folk 02 | Sampled by SF | Date 4/7
Rain start time _____ | Current weather Overcast | Time ~~8~~ 17:15
Peak stage _____ | Current stage 25" | ID # 01GR 0788
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 22423
Turbidity 10.7 NTU's
Measured by SF
Date/time 4/23/01 14:22

Comments:

Location LsFolk | Sampled by SF | Date 4/6/01
Rain start time _____ | Current weather light rain | Time 22:01
Peak stage — | Current stage 24" | ID # 01GR 0797
Culvert size — Culvert flow depth — | Culvert invert —
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 22423
Turbidity 16.9 NTU's
Measured by SF
Date/time 4/23/01 13:53

Comments:

Location Cow Creek | Sampled by Seth Fahs | Date 2/22
Rain start time _____ | Current weather overcast | Time 15:08
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 12.5' Time #1 4:30 | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 3:50 | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 4:12 | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments: OIGR 0145

#22423
Turbidity 55.8 NTU's
Measured by SF
Date/time 5/19/01 13:33

Location Calf Creek | Sampled by SF | Date 2/22
Rain start time _____ | Current weather overcast | Time 15:27
Peak stage _____ | Current stage 9"
Culvert size 40" Culvert flow depth 18" Culvert invert 22"
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments: OIGR 0146

#22423
Turbidity 57.0 NTU's
Measured by SF
Date/time 5/19/01 13:36

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location JC REDWOOD CR. SEELY | Sampled by JN | Date 10-30-00
Rain start time _____ | Current weather RAIN OVER | Time 12:30 CF
Peak stage 8" ± | Current stage 6" FALLING
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

SEELY #1
CODED 4-14-01
HY01

33 sec / 13'

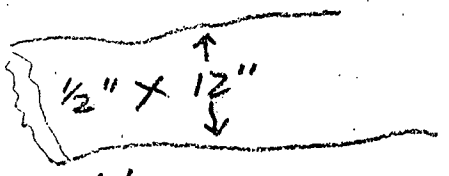
OIGR 0017

Comments: FIRST FLOW OF SEASON, DRY CREEKBED at this crossSection EARLIER THIS WEEK

Turbidity 23.0 NTU's
Measured by JN
Date/time 10-30-00

Location SEELY - SKYLINE | Sampled by JN | Date 10-30-00
Rain start time _____ | Current weather RAIN OVER | Time 14:39
Peak stage FALLING | Current stage MINUS ON GAUGE
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

ALL FLOW IS UNDER CULVERT



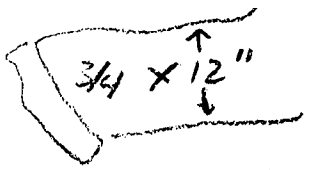
1'/3 sec

OIGR 0018

Comments:

Turbidity 25.8 NTU's
Measured by JN
Date/time 14:45 10-30-00

Location SEELY - RICHARDS | Sampled by JN | Date 10-30-00
Rain start time _____ | Current weather RAIN OVER | Time 14:57
Peak stage FALLING | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:



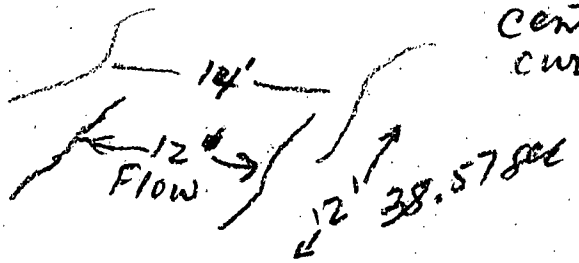
1'/3 sec

OIGR 0013

Comments:

Turbidity 96.8 NTU's
Measured by JN
Date/time 14:57

Location SEELY - WALLY'S Sampled by JN Date 10-30-00
Rain start time _____ Current weather _____ Time 15:02
Peak stage _____ Current stage ↓159" SEEL #2
Culvert size _____ Culvert flow depth _____ Culvert invert _____ CODED 4-14-01
High-velocity width _____ Low-velocity width _____ HY01
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:



center, right and left current SAME

01 GR 0014

Comments:

Turbidity 96.6 NTU's
Measured by JN
Date/time 10-30-00

Location _____ Sampled by _____ Date _____
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ Sampled by _____ Date _____
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location BW | Sampled by Bill Thompson | Date 11/23
Rain start time ? | Current weather Light Rain | Time ?
Peak stage ? | Current stage 52,46'
Culvert size ____ Culvert flow depth ____ | Culvert invert ____
High-velocity width ? | Low-velocity width ?
Dist.#1 ____ Time #1 ____ | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ | Dist.#2 ____ Time #2 ____
Dist.#3 10' Time #3 9.33 sec | Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

JACOBY #1
COPIED 4-14-01
HY 01

NO BOTTLE ?

Comments:

Turbidity ____ NTU's
Measured by ____
Date/time ____

Location BW | Sampled by Bill Thompson | Date 11/24
Rain start time ? | Current weather ? | Time 9:10
Peak stage 3½ cork | Current stage 52.66
Culvert size ____ Culvert flow depth ____ | Culvert invert ____
High-velocity width ____ | Low-velocity width ____
Dist.#1 ____ Time #1 ____ | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ | Dist.#2 ____ Time #2 ____
Dist.#3 10' Time #3 5.14 sec | Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

✓

ID # 01 GR 0263

T # 20123

Comments:

Turbidity 15.9 NTU's
Measured by C.F.
Date/time 12-17-00 @ 19:45

Location BW | Sampled by Bill Thompson | Date 11/29
Rain start time ? | Current weather Intermittant heavy | Time 5:30
Peak stage 6½ cork | Current stage 53.02' light rain
Culvert size ____ Culvert flow depth ____ | Culvert invert ____
High-velocity width ____ | Low-velocity width ____
Dist.#1 ____ Time #1 ____ | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ | Dist.#2 ____ Time #2 ____
Dist.#3 10' Time #3 8 sec | Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

T # 22423

Comments:

ID # 01 GR 0268

Turbidity 110 NTU's
Measured by C.F.
Date/time 12-17-00 @ 19:48

Location 13W | Sampled by Bill Thompson | Date 11/29

Rain start time _____ | Current weather Not raining | Time 10

Peak stage 6½ cork | Current stage 53.06' sea level

Culvert size _____ Culvert flow depth _____ | Culvert invert _____

High-velocity width _____ | Low-velocity width _____

Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____

Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____

Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

JACOBY #2
DRIED 4-14-01 HYD
BOTTLE 2.

- Approx 9 on galvanized pipe
- Running brown

NO

Comments:

Turbidity _____ NTU's

Measured by _____

Date/time _____

Location MM 1.20 Sampled by BillT Date 12/20

Rain start time _____ Current weather Clear Time 10:00

Peak stage _____ Current stage _____

Culvert size 8½ x 7½ oval Culvert flow depth 3" Culvert invert _____

OIGR 0282

High-velocity width _____ Low-velocity width _____

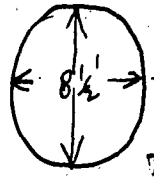
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____

Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____

Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Flow to low to time

Sketch cross-section of channel:



TUM # 22423

Comments:

Turbidity 6.86 NTU's
Measured by BT
Date/time 12-23-00 @ 14:50

Location BW Sampled by BillT Date 12/15

Rain start time _____ Current weather Scattered Clouds Time 7:40

Peak stage Cork 5½ Current stage 52.84

Culvert size _____ Culvert flow depth _____ Culvert invert _____

OIGR 0287

High-velocity width _____ Low-velocity width _____

Dist.#1 10 Time #1 3.96 Dist.#1 _____ Time #1 _____

Dist.#2 10 Time #2 3.99 Dist.#2 _____ Time #2 _____

Dist.#3 10 Time #3 4.15 Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM # 22423

Comments:

Turbidity 16.2 NTU's
Measured by BT
Date/time 12-23-00 @ 15:12

Location BW Sampled by BillT Date 12/14/00

Rain start time Early morning Current weather Light rain Time 10

Peak stage 5½ Cork Current stage 52.42' sea level guage

Culvert size _____ Culvert flow depth _____ Culvert invert _____

OIGR 0264

High-velocity width _____ Low-velocity width _____

Dist.#1 10' Time #1 11.09 Dist.#1 _____ Time #1 _____

Dist.#2 10' Time #2 11.02 Dist.#2 _____ Time #2 _____

Dist.#3 10' Time #3 10.52 Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

JACOBY #3
COPIED 4-14-01
HY 01

TUM # 22423

Comments:

Turbidity 2.95 NTU's
Measured by BT
Date/time 12-23-00 15:15

Location BW | Sampled by BT | Date 12/23
Rain start time Not raining | Current weather | Time 15:50
Peak stage | Current stage 52.56
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 10' Time #1 7.56 | Dist.#1 | Time #1
Dist.#2 10' Time #2 7.21 | Dist.#2 | Time #2
Dist.#3 10' Time #3 7.26 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 22423

Comments:

Turbidity 3.85 NTU's
Measured by BT
Date/time 12-23-00 @ 16:18

Location BW | Sampled by BILL T | Date 12/14
Rain start time | Current weather Cloudy | Time 9:00
Peak stage 6 1/2 cork | Current stage 52.94
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 10 Time #1 3.90 | Dist.#1 | Time #1
Dist.#2 10 Time #2 3.53 | Dist.#2 | Time #2
Dist.#3 10 Time #3 3.73 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

01GR
0303

TUM # 22423

Comments:

Turbidity 26.9 NTU's
Measured by BT
Date/time 12-23-01 @ 15:02

Location BW | Sampled by BILL T | Date 12/13
Rain start time Intermittent all day | Current weather Not raining | Time 21:30
Peak stage 6 cork | Current stage 52.60
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 10' Time #1 6.41 | Dist.#1 | Time #1
Dist.#2 10' Time #2 5.66 | Dist.#2 | Time #2
Dist.#3 10' Time #3 6.43 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

01GR
0266

JACOBY #4
COPIED 4-14-01
HY 01

TUM # 22423

Comments:

Turbidity 3.16 NTU's
Measured by BT
Date/time 12-23-00 @ 15:00

Location Rebel at culvert | Sampled by J Dixon | Date 12/13
Rain start time afternoon today | Current weather drizzling | Time 9:30 AM
Peak stage current | Current stage peak flow
Culvert size 7ft | Culvert flow depth ____ | Culvert invert ____

JACOBY #5 MY01
COPIED 4-14-01

High-velocity width ____ | Low-velocity width ____
Dist.#1 ____ Time #1 ____ | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ | Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ | Dist.#3 ____ Time #3 ____

01GR 0334

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM 22423

Comments: no depth marked yet

Turbidity 9.29 NTU's
Measured by BT
Date/time 12-23-01 @ 15:28

Location Rebel at Culvert | Sampled by J Dixon | Date 12/14
Rain start time 12/13 | Current weather clear | Time 10:40 AM
Peak stage ____ | Current stage after storm
Culvert size 7ft | Culvert flow depth ____ | Culvert invert ____

01GR 0330

High-velocity width ____ | Low-velocity width ____
Dist.#1 ____ Time #1 5sec | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ | Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

no depth marked yet

TUM #22423

Comments:

Turbidity 33.1 NTU's
Measured by BT
Date/time 12-23-00 @ 15:31

Location 1.2 JCMM1.20 | Sampled by J Dixon | Date 12/15
Rain start time 12/13 | Current weather dry | Time 5:15 pm
Peak stage yesterday | Current stage after peak
Culvert size 7ft | Culvert flow depth ____ | Culvert invert ____

01GR 0331

High-velocity width ____ | Low-velocity width ____
Dist.#1 10ft Time #1 1½ sec | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ | Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 22423

Comments: Timing Measurement taken on S. side of culvert where pool stands - no depth marked yet

Turbidity 28.0 NTU's
Measured by BT
Date/time 12-23-00 @ 15:20

Location Rebel | Sampled by T DIXON | Date 12/13
Rain start time before Rain | Current weather Clear | Time 9A
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____

JACOBY # 6 MY01
COPIED 4-14-01
DIGR 329

High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 22423

Comments:

Turbidity 6.48 NTU's
Measured by BT
Date/time 12-23-00 15:35

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

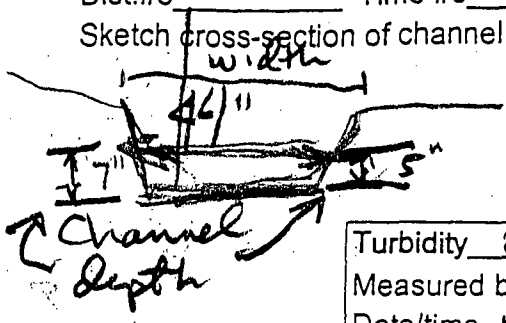
Location Eric Lane | Sampled by G Blue | Date 12-23-00
Rain start time on + off 24 hrs | Current weather moderate rain | Time 1430
Peak stage _____ | Current stage 01GR
Culvert size _____ Culvert flow depth _____ | Culvert invert 0255
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Velocity = 9.57 for 10 ft

Sketch map of high and low velocity strands:

JACOBY #7
COPIED 4-14-01
HY01

Sketch cross-section of channel:



44" wide H2O depth @ gauge 5.75 in

Comments: 1st sample

Turbidity 237 NTU's
Measured by BT
Date/time 12-23-01 @ 16:05

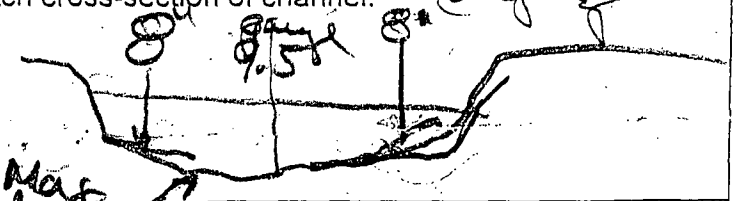
Location Snag Creek | Sampled by G Blue | Date 12 23 00
Rain start time on + off 24 hrs | Current weather mod rain | Time 1435 01GR
Peak stage _____ | Current stage _____ Velocity 18.1 sec for 10 ft 0258
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

depth 9.5 @ gauge 1 in

Sketch map of high and low velocity strands:

Width @ waterline = 47"

Sketch cross-section of channel:



Comments: 1st Sample
Need to be locable gauge as above
If used a tape measure

Turbidity 6.92 NTU's
Measured by BT
Date/time 12-23-01 @ 16:12

Location _____ Sampled by _____ Date _____
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location BW | Sampled by BT | Date 1/8/01
Rain start time During night | Current weather Intermit Rain | Time 10:55
Peak stage | Current stage 5" | JACOBY #8
Culvert size | Culvert flow depth | Culvert invert | COPIED 4-14-01
High-velocity width | Low-velocity width | HY01
Dist.#1 10 Time #1 04.89 | Dist.#1 Time #1
Dist.#2 10 Time #2 05.12 | Dist.#2 Time #2
Dist.#3 10 Time #3 04.50 | Dist.#3 Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

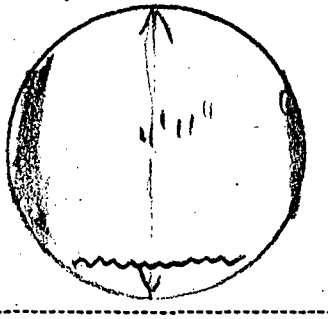
OIGR0332

Comments:

Turbidity 4.57 NTU's
Measured by JN
Date/time 1-21-01 @ 17:12

Location MOR | Sampled by BT | Date 1/8/01
Rain start time light ra | Current weather Raining | Time 10:00
Peak stage | Current stage 5"
Culvert size | Culvert flow depth 5" | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 10 Time #1 4.20 | Dist.#1 Time #1
Dist.#2 10 Time #2 5144 | Dist.#2 Time #2
Dist.#3 10 Time #3 4.55 | Dist.#3 Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

OIGR 0299



Comments:

Turbidity 49.2 NTU's
Measured by JN
Date/time 1-21-01 17:14

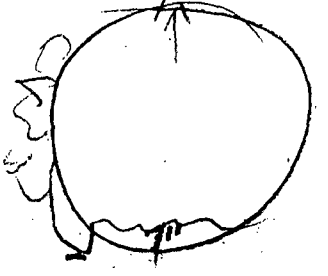
Location MM 1.20 | Sampled by BT | Date 1/8/01
Rain start time | Current weather light Rain | Time 10:15
Peak stage | Current stage 7"
Culvert size | Culvert flow depth 7" | Culvert invert
High-velocity width | Low-velocity width Flow to rocky to measure yet.
Dist.#1 Time #1 | Dist.#1 Time #1
Dist.#2 Time #2 | Dist.#2 Time #2
Dist.#3 Time #3 | Dist.#3 Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Yellow brown sediment flowing into culvert from road fill

OIGR 0355

Culvert is oval

Comments: 9'6" x 7'6"



Turbidity 11.8 NTU's
Measured by JN
Date/time 1-21-01 17:15

Location MM 1.65 Sampled by BT Date 1/8/01
Rain start time _____ Current weather Rain high Time 10:30
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth 2½" Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Culvert 3'

JACOBY #9
COPIED 4-14-01
HY 01

OGR
0054

Comments:

Turbidity 92.3 NTU's
Measured by JN
Date/time 1-21-01 @ 17:10

Location SNAG Culvert Sampled by BT Date 1/8/
Rain start time R stopped Current weather Light rain Time 10:40
Peak stage _____ Current stage 2½"
Culvert size _____ Culvert flow depth 2½" Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

7' Culvert - new no dings

OGR
0394

Comments:

Turbidity 13.8 NTU's
Measured by JN
Date/time 1-21-01 @ 17:11

Location ERIC Sampled by BT Date 1/8/01
Rain start time No rain Current weather _____ Time 10:50
Peak stage _____ Current stage 8½" on GB measure
Culvert size _____ Culvert flow depth 5" Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 10' Time #1 3.27 Dist.#1 _____ Time #1 _____
Dist.#2 10' Time #2 3.66 Dist.#2 _____ Time #2 _____
Dist.#3 10' Time #3 3.72 Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

OIGR
0354

31" to water level in culvert
Sample is free of Eric Ln JCR junction run off.

Comments:

Turbidity 545.0 NTU's
Measured by JN
Date/time 1-21-01 17:12

Location ERTC Sampled by G Blue Date 1-8-01
Rain start time ≈ 0200 Current weather cloudy Time 1430
Peak stage ____ Current stage ____
Culvert size 36" Culvert flow depth 5" (31" from top) Culvert invert ____
High-velocity width ____ Low-velocity width ____
Dist.#1 ____ Time #1 ____ Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ Dist.#3 ____ Time #3 ____

depth @ guage = 7"

Sketch map of high and low velocity strands: Sketch cross-section of channel:

JACOBY #10
COPIED 4-14-01
HY01

Sample # 0257 Time for 10 ft = 5.19, 5.00, 6.1

Comments: 2 depth measurements - @ yardstick and @ culvert

Turbidity 174.0 NTU's
Measured by JN
Date/time 1/11/01 18:06

Location ERTC Sampled by G Blue Date 1-9-01
Rain start time ≈ 36 hrs on + off Current weather lite rain Time 1530
Peak stage ____ Current stage ____
Culvert size 36" Culvert flow depth 3" (33" from top) Culvert invert ____
High-velocity width ____ Low-velocity width ____
Dist.#1 ____ Time #1 ____ Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ Dist.#3 ____ Time #3 ____

guage = 5.75 in

Sketch map of high and low velocity strands: Sketch cross-section of channel:

Sample # 0301

9.44, 12.10, 10.62 — time for 10 ft

Comments: Sorry I wrote on label — marking washed off to Bottle side —

Turbidity 172.0 NTU's
Measured by JN
Date/time 1/11/01 18:07

Location BW Sampled by BT Date 1/9/01
Rain start time ____ Current weather OFF ON RAIN Time 16:20
Peak stage ____ Current stage 7½"
Culvert size ____ Culvert flow depth ____ Culvert invert ____
High-velocity width ____ Low-velocity width ____
Dist.#1 10 Time #1 3.99 Dist.#1 ____ Time #1 ____
Dist.#2 10 Time #2 3.96 Dist.#2 ____ Time #2 ____
Dist.#3 10 Time #3 3.58 Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands: Sketch cross-section of channel:
DIGR
0395

Comments:

Turbidity 15.4 NTU's
Measured by JN
Date/time 1/11/01 18:08

Location MOR | Sampled by BT | Date 1/9/01
Rain start time _____ | Current weather Light Rain | Time 16:45
Peak stage _____ | Current stage 4"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

JACOBY #11
COPIED 4-14-01
HY 01

High-velocity width _____ | Low-velocity width _____
Dist.#1 10 Time #1 4.24 | Dist.#1 _____ Time #1 _____
Dist.#2 10 Time #2 4.72 | Dist.#2 _____ Time #2 _____
Dist.#3 10 Time #3 4.12 | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

01GR
0396

Sketch cross-section of channel:

Comments:

Turbidity 21.4 NTU's
Measured by JN
Date/time 1/11/01 18:10

Location MM 1.20 | Sampled by BT | Date 1/9/01
Rain start time _____ | Current weather Raining | Time 16:53
Peak stage _____ | Current stage 4"
Culvert size _____ Culvert flow depth 4" Culvert invert _____

High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 5.14 | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 4.92 | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 5.20 | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

01GR
0398

Sketch cross-section of channel:

Comments:

Turbidity 22.2 NTU's
Measured by JN
Date/time 1/11/01 18:12

Location MM 1.65 | Sampled by BT | Date 1/9/01
Rain start time _____ | Current weather Raining | Time 17:00
Peak stage _____ | Current stage 4"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____ | Low-velocity width _____
Dist.#1 10 Time #1 5.92 | Dist.#1 _____ Time #1 _____
Dist.#2 10 Time #2 4.25 | Dist.#2 _____ Time #2 _____
Dist.#3 10 Time #3 5.29 | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

01GR
0397

Sketch cross-section of channel:

Comments:

Turbidity 15.2 NTU's
Measured by JN
Date/time 1/11/01 18:11

Location Rebel Creek (2) Culvert Sampled by Joan Dixon Date 1-8
Rain start time 10pm 1-7 Current weather Clear Time 4:40
Peak stage Current stage JACOBY #12
Culvert size 6 ft Culvert flow depth Culvert invert COPIED 4-14-01
High-velocity width Low-velocity width HY01 0356
Dist.#1 10 ft Time #1 3½ Dist.#1 Time #1
Dist.#2 Time #2 Dist.#2 Time #2
Dist.#3 Time #3 Dist.#3 Time #3
Sketch map of high and low velocity strands: Sketch cross-section of channel:

moved my measurement of velocity to culvert from rocks

Comments:

Turbidity 34.2 NTU's
Measured by CF/DVD
Date/time 2/14/01 @ 18:52

Location Rebel (2) culvert Sampled by JD Date 1-9 Thurs
Rain start time 11 A Current weather Raining Time 11:12A
Peak stage ? Current stage Start
Culvert size 6 Culvert flow depth 3½ in Culvert invert
High-velocity width Low-velocity width
Dist.#1 10 Time #1 2 Dist.#1 Time #1
Dist.#2 Time #2 Dist.#2 Time #2 0361
Dist.#3 Time #3 Dist.#3 Time #3
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments: in culvert

Turbidity 20.1 NTU's
Measured by CF/DVD
Date/time 2/14/01 @ 19:17

Location Rebel 1 (by my house) Sampled by JD Date 1-9
Rain start time 11A Current weather Raining Time 11:30
Peak stage starting Current stage
Culvert size 3½-4 Culvert flow depth Culvert invert
High-velocity width Low-velocity width
Dist.#1 10 Time #1 7½ Dist.#1 Time #1 0357
Dist.#2 Time #2 Dist.#2 Time #2
Dist.#3 Time #3 Dist.#3 Time #3
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments: measure velocity through congested area

Turbidity 23.3 NTU's
Measured by CF/DVD
Date/time 2/14/01 @ 19:00

Location Rebel 2 | Sampled by J DIXON | Date 1-12
Rain start time 4pm | Current weather sprinkle | Time 9:11 pm
Peak stage about 6 PM ? | Current stage _____ | JACOBY # 13
Culvert size 6ft | Culvert flow depth 7½ in | Culvert invert _____ | COPIED 4-14-01 MY.01
High-velocity width _____ | Low-velocity width _____
Dist.#1 10 | Time #1 2 | Dist.#1 _____ | Time #1 _____
Dist.#2 10 | Time #2 2 | Dist.#2 _____ | Time #2 _____
Dist.#3 _____ | Time #3 _____ | Dist.#3 _____ | Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

0358

64 + 3 = 67 | 6½ cement to culvert top | 4½ inches over 3 | 7½

Comments: velocity in the main flow channel

Turbidity 38.2 NTU's
Measured by CF/DVD
Date/time 2-14-01 1900

Location Rebel 1 | Sampled by J DIXON | Date 1-12
Rain start time yesterday | Current weather sprinkle | Time 11 A
Peak stage _____ | Current stage clear
Culvert size 3½ x 4 | Culvert flow depth 4 in | Culvert invert _____
High-velocity width _____ | Low-velocity width 21-22 in
Dist.#1 10 | Time #1 18 | Dist.#1 _____ | Time #1 _____
Dist.#2 10 | Time #2 22 | Dist.#2 _____ | Time #2 _____
Dist.#3 _____ | Time #3 _____ | Dist.#3 _____ | Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

in stream

0368

Placed measurement marker in stream today

Comments:

Turbidity 19.6 NTU's
Measured by CF/DVD
Date/time 2/14/01 @ 1914

Location Rebel 2 | Sampled by J D | Date 2/11
Rain start time last night | Current weather _____ | Time 12m
Peak stage _____ | Current stage clear
Culvert size 6ft | Culvert flow depth ~~6 in~~ 5½ in | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 10 | Time #1 3 | Dist.#1 _____ | Time #1 _____
Dist.#2 _____ | Time #2 _____ | Dist.#2 _____ | Time #2 _____
Dist.#3 _____ | Time #3 _____ | Dist.#3 _____ | Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

0359

Comments: measured 64½ in from culvert top - 2 in of concrete!

Turbidity 38.5 NTU's
Measured by CF/DVD
Date/time 2/14/01 @ 1911

Location ERIC | Sampled by G Blue | Date 1-10-01
Rain start time ~~3:04 hrs~~ on/off | Current weather & drizzle | Time 1845
Peak stage _____ | Current stage _____
Culvert size 36 | Culvert flow depth 6 (30" from top) | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

8.5" @ gauge
JACOBY #14
COPIED 4-14-01
HY01

Sketch map of high and low velocity strands:

Sample 01GR 0261

Sketch cross-section of channel:

times for 10 ft =
3.94 3.25 sec
3.97
T#02441

avg = 3.72

Comments: I am taking time readings at original site, next to guage

Turbidity 211 NTU's
Measured by C.F
Date/time 1-27-01 16:21

Location ERIC | Sampled by G Blue | Date 1-25-01
Rain start time 8 AM - 12 NOON | Current weather SUN | Time 1245
Peak stage _____ | Current stage _____
Culvert size 36 | Culvert flow depth 9.5" | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

time for 10 ft = 2.16 sec
2.51
2.32

Sketch map of high and low velocity strands:

#0262
01GR

Sketch cross-section of channel:

avg = 2.26 sec

T#02441

Comments: 11.25" @ gauge
26.5" from top of culvert = 9.5" deep culvert

Turbidity 640 NTU's
Measured by C.F
Date/time 1-27-01 @ 16:24

Location SPAG | Sampled by C | Date 1-25-01
Rain start time 8A-12 NOON Heavy | Current weather SUN | Time 1255
Peak stage _____ | Current stage _____
Culvert size 84" | Culvert flow depth 10" | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

time for 10 ft =
2.59 sec
2.51
2.63

Sketch map of high and low velocity strands:

#0259
01GR

depth @ old guage = 3"

Sketch cross-section of channel:

avg = 2.57 sec

TF#02441

Comments: @ culvert:
74" from top of culvert = 10" deep in 7 ft culvert

Turbidity 246 NTU's
Measured by C.F
Date/time 1-27-01 @ 16:26

Location MM1.65 Sampled by BT Date 1/23/01
Rain start time 15:00 Current weather Raining Time 16:25
Peak stage _____ Current stage _____
Culvert size 3' Culvert flow depth 3½" Culvert invert _____ 0421 ✓
High-velocity width _____ Low-velocity width _____
Dist.#1 5' Time #1 1.86 Dist.#1 _____ Time #1 _____ JACOBY #15
Dist.#2 5' Time #2 1.59 Dist.#2 _____ Time #2 _____ COPIED 4-14-01
Dist.#3 5' Time #3 1.84 Dist.#3 _____ Time #3 _____ HY01
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Velocity going into culvert from 10' outside.

TUM # 22441

Comments:

Turbidity 183 NTU's
Measured by CF
Date/time 1-27-01 @ 17:13

Location SNAG Sampled by BT Date 1/23/01
Rain start time 15:00 Current weather Raining Time 16:35
Peak stage _____ Current stage _____
Culvert size 7' Culvert flow depth 2½ Culvert invert _____ 0422 ✓
High-velocity width _____ Low-velocity width _____
Dist.#1 10 Time #1 2.03 Dist.#1 _____ Time #1 _____
Dist.#2 10 Time #2 1.16 Dist.#2 _____ Time #2 _____
Dist.#3 10 Time #3 1.34 Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Velocity from interior of culvert. 2" of concrete on bottom of culvert

TUM # 22441

Comments:

Turbidity 13.5 NTU's
Measured by CF
Date/time 1-27-01 @ 17:15

Location REBEL 2 Sampled by BT Date 1/22/01
Rain start time _____ Current weather Break in rain Time 17:00
Peak stage _____ Current stage _____
Culvert size 6' Culvert flow depth 2" Culvert invert _____ 0424 ✓
High-velocity width _____ Low-velocity width _____
Dist.#1 10 Time #1 1.76 Dist.#1 _____ Time #1 _____
Dist.#2 10 Time #2 1.94 Dist.#2 _____ Time #2 _____
Dist.#3 10 Time #3 1.54 Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

2" concrete in culvert, velocity taken from culvert interior 10' stretch.

TUM # 22441

Comments:

Turbidity 58.3 NTU's
Measured by CF
Date/time 1-27-01 @ 1701

Location BW | Sampled by BT | Date 1/23
Rain start time 15:00 | Current weather Raining | Time 15:25
Peak stage _____ | Current stage 4½"
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ | 0399 ✓
High-velocity width _____ | Low-velocity width _____ | JACOBY #16
Dist.#1 10 Time #1 7:17 | Dist.#1 _____ Time #1 _____ | COPIED 4-14-01
Dist.#2 10 Time #2 7:29 | Dist.#2 _____ Time #2 _____ | HY01
Dist.#3 0 Time #3 8:00 | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

36' flow width

T# 22441

Comments:

Turbidity 3.86 NTU's
Measured by C.F
Date/time 1-27-01 @ 17:03

Location MOR | Sampled by BT | Date 1/23
Rain start time 15:00 | Current weather Raining | Time 15:45
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth 3½ | Culvert invert _____ | 0401 ✓
High-velocity width _____ | Low-velocity width _____
Dist.#1 10' Time #1 3:02 | Dist.#1 _____ Time #1 _____
Dist.#2 10' Time #2 3:27 | Dist.#2 _____ Time #2 _____
Dist.#3 10' Time #3 3:01 | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

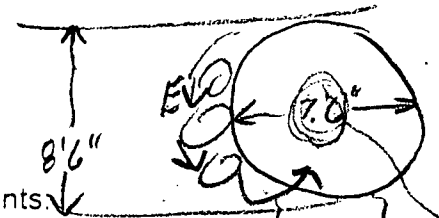
TUR # 22441

Comments:

Turbidity 11.5 NTU's
Measured by CF
Date/time 1-27-01 @ 17:06

Location MM 1:20 | Sampled by BT | Date 1/23
Rain start time 16:00 | Current weather Raining | Time 16:05
Peak stage _____ | Current stage 30"
Culvert size _____ Culvert flow depth 3" | Culvert invert _____ | 0420 ✓
High-velocity width _____ | Low-velocity width _____
Dist.#1 10 Time #1 3:37 | Dist.#1 _____ Time #1 _____
Dist.#2 10 Time #2 3:76 | Dist.#2 _____ Time #2 _____
Dist.#3 10 Time #3 3:12 | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:



Sediment entering culvent E side not from main flow. Sample from S. end of culvent

TUR #22441

Turbidity 391 NTU's
Measured by CF
Date/time 1-27-01 @ 17:09

Comments:

Some researcher has walked this feeder stream with a marker string since my last visit 1/9/01

Location BW | Sampled by BT | Date 1/23
Rain start time ____ | Current weather Light Rain | Time 17:15
Peak stage ____ | Current stage 7"
Culvert size ____ | Culvert flow depth ____ | Culvert invert ____
0425 JACOBY #17 COPIED 4-14-01 HYDI

High-velocity width ____ | Low-velocity width ____
Dist.#1 10 | Time #1 6.79 | Dist.#1 ____ | Time #1 ____
Dist.#2 10 | Time #2 7.15 | Dist.#2 ____ | Time #2 ____
Dist.#3 10 | Time #3 6.56 | Dist.#3 ____ | Time #3 ____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

38' width

T#22441

Comments:

Turbidity 15.0 NTU's
Measured by CF
Date/time 1-27-01 @ 17:21

Location ERIC | Sampled by BT | Date 1/23
Rain start time 15:00 | Current weather Muddy in R | Time 16:50
Peak stage ____ | Current stage 8" on measure
Culvert size ____ | Culvert flow depth ____ | Culvert invert ____
0423 ✓

High-velocity width ____ | Low-velocity width ____
Dist.#1 10 | Time #1 2.79 | Dist.#1 ____ | Time #1 ____
Dist.#2 10 | Time #2 2.48 | Dist.#2 ____ | Time #2 ____
Dist.#3 10 | Time #3 2.62 | Dist.#3 ____ | Time #3 ____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

DILUTE

T#22441

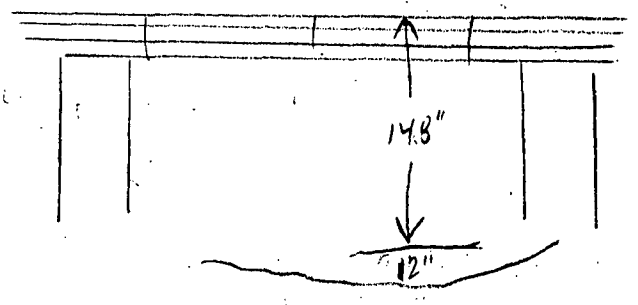
Comments:

Turbidity 1000+ NTU's
Measured by CF
Date/time 1-27-01 @ 17:19

Location OAR | Sampled by BT | Date 1/12/01
Rain start time ____ | Current weather Clear | Time 9:55 ✓
Peak stage ____ | Current stage 12"
Culvert size ____ | Culvert flow depth ____ | Culvert invert ____
0400

High-velocity width ____ | Low-velocity width ____
Dist.#1 10' | Time #1 3.30 | Dist.#1 ____ | Time #1 ____
Dist.#2 10 | Time #2 3:15 | Dist.#2 ____ | Time #2 ____
Dist.#3 10 | Time #3 3.28 | Dist.#3 ____ | Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

East side measure

TUM #22441

Comments:

Turbidity 10.4 NTU's
Measured by C.F
Date/time 1-27-01 16:56

Location OAR | Sampled by BT | Date 1/24/01
Rain start time _____ | Current weather Light rain | Time 9:55
Peak stage _____ | Current stage 14" | (0409)
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ | JACOBY #18 ✓
High-velocity width _____ | Low-velocity width _____ | COPIED 4-14-01
Dist.#1 10 Time #1 2.59 | Dist.#1 _____ Time #1 _____ | HY01
Dist.#2 10 Time #2 2.77 | Dist.#2 _____ Time #2 _____
Dist.#3 10 Time #3 2.77 | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

22441

Comments:

Turbidity 26.5 NTU's
Measured by CF
Date/time 1-27-01 @ 17:24

Location BW | Sampled by BT | Date 1/24/01
Rain start time _____ | Current weather Light rain | Time 10:15
Peak stage _____ | Current stage 8" | (0408)
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 10 Time #1 4.42 | Dist.#1 _____ Time #1 _____
Dist.#2 10 Time #2 3.95 | Dist.#2 _____ Time #2 _____
Dist.#3 10 Time #3 3.81 | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

✓ 22441

Comments:

Turbidity 22.4 NTU's
Measured by CF
Date/time 1-27-01 @ 17:26

Location MOR | Sampled by BT | Date 1/24/01
Rain start time _____ | Current weather Break in rain | Time 10:30
Peak stage _____ | Current stage _____ | (0410)
Culvert size 5' Culvert flow depth 7" | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 10 Time #1 2.10 | Dist.#1 _____ Time #1 _____
Dist.#2 10 Time #2 2.41 | Dist.#2 _____ Time #2 _____
Dist.#3 10 Time #3 2.05 | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

TUM # 22441

Comments:

Turbidity 27.6 NTU's
Measured by CF
Date/time 1-27-01 @ 17:28

Location ERIC | Sampled by BT | Date 1/25
Rain start time _____ | Current weather Light rain | Time 12:05
Peak stage _____ | Current stage 12" on guage
Culvert size 3' | Culvert flow depth 6" | Culvert invert _____
0493
High-velocity width _____ | Low-velocity width _____
Dist.#1 10 | Time #1 1.78 | Dist.#1 _____ | Time #1 _____
Dist.#2 10 | Time #2 1.90 | Dist.#2 _____ | Time #2 _____
Dist.#3 10 | Time #3 2.01 | Dist.#3 _____ | Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

12" on GB guage

JACOBY #14
COPIED 4-14-01 MY 01

DILUTE

T22441

Comments:

Turbidity 1000+ NTU's
Measured by CF
Date/time 1-27-01 @ 17:44

Location SNAG C | Sampled by BT | Date 1/25
Rain start time _____ | Current weather Sunny | Time 12:15
Peak stage _____ | Current stage _____
Culvert size 7 | Culvert flow depth 9½" | Culvert invert _____
0494
High-velocity width _____ | Low-velocity width _____
Dist.#1 10 | Time #1 1.21 | Dist.#1 _____ | Time #1 _____
Dist.#2 10 | Time #2 1.01 | Dist.#2 _____ | Time #2 _____
Dist.#3 10 | Time #3 1.16 | Dist.#3 _____ | Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

T22441

Comments:

Turbidity 206 NTU's
Measured by CF
Date/time 1-27-01 @ 17:47

Location MM 1.65 | Sampled by BT | Date 1/25
Rain start time _____ | Current weather Sunny | Time 12:25
Peak stage _____ | Current stage _____
Culvert size 3 | Culvert flow depth 12 | Culvert invert _____
0495
High-velocity width _____ | Low-velocity width _____
Dist.#1 10 | Time #1 1.82 | Dist.#1 _____ | Time #1 _____
Dist.#2 10 | Time #2 2.12 | Dist.#2 _____ | Time #2 _____
Dist.#3 10 | Time #3 2.02 | Dist.#3 _____ | Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

T22441

Comments:

Turbidity 158 NTU's
Measured by CF
Date/time 1-27-01 @ 17:50

Location OAR | Sampled by BT | Date 1/25/01
Rain start time _____ | Current weather Light rain | Time 11:20
Peak stage _____ | Current stage 17" | 0411 ✓
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____ | JACOBY #20
Dist.#1 10 | Time #1 2.51 | Dist.#1 _____ | Time #1 _____ | COPIED 4-14-01
Dist.#2 10 | Time #2 2.60 | Dist.#2 _____ | Time #2 _____
Dist.#3 10 | Time #3 2.60 | Dist.#3 _____ | Time #3 _____ | MY01
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

T# 22441

Comments:

Turbidity 56.0 NTU's
Measured by C.F
Date/time 1-27-01 @ 17:37

Location REBEL 1 | Sampled by BT | Date 1/25/01
Rain start time _____ | Current weather Light rain | Time 11:45
Peak stage _____ | Current stage 1 | 0412 ✓
Culvert size 4' | Culvert flow depth 6" | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 10 | Time #1 1.96 | Dist.#1 _____ | Time #1 _____
Dist.#2 10 | Time #2 1.86 | Dist.#2 _____ | Time #2 _____
Dist.#3 10 | Time #3 1.82 | Dist.#3 _____ | Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 22441

Comments:

Turbidity 94.9 NTU's
Measured by CF
Date/time 1-27-01 @ 17:40

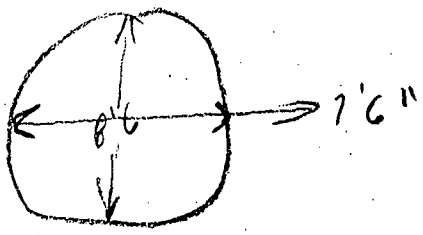
Location REBEL 2 | Sampled by BT | Date 1/25/01
Rain start time _____ | Current weather Light Rain | Time 11:55
Peak stage _____ | Current stage _____ | ✓
Culvert size 6 | Culvert flow depth 10" | Culvert invert _____ | 0413
High-velocity width _____ | Low-velocity width _____
Dist.#1 10 | Time #1 1.11 | Dist.#1 _____ | Time #1 _____
Dist.#2 10 | Time #2 1.15 | Dist.#2 _____ | Time #2 _____
Dist.#3 10 | Time #3 1.03 | Dist.#3 _____ | Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

T # 22441

Comments:

Turbidity 256 NTU's
Measured by CF
Date/time 1-27-01 @ 17:41

Location MM 1.20 Sampled by BT Date 1/25
Rain start time _____ Current weather Sunny Time 12:35
Peak stage _____ Current stage _____
Culvert size 8'6" Culvert flow depth 9" Culvert invert _____ 0496 ✓
High-velocity width _____ Low-velocity width _____ JACOBY # 21
Dist.#1 10 Time #1 1.08 Dist.#1 _____ Time #1 _____ CORED 4-14-01
Dist.#2 10 Time #2 1.40 Dist.#2 _____ Time #2 _____ HYD
Dist.#3 10 Time #3 1.20 Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:



Comments: T # 22441

Turbidity 567 NTU's
Measured by CF
Date/time 1-27-01 @ 17:54

Location BW Sampled by BT Date 1/25
Rain start time _____ Current weather Sunny Time 12155
Peak stage _____ Current stage 15" 0498 ✓
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 10 Time #1 2.39 Dist.#1 _____ Time #1 _____
Dist.#2 10 Time #2 2.14 Dist.#2 _____ Time #2 _____
Dist.#3 10 Time #3 2.86 Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Flow is width of bridge span supports.

Comments: TUM # 22441

Turbidity 363 NTU's
Measured by CF
Date/time 1-27-01 @ 17:56

Location OAR Sampled by BT Date 1/25
Rain start time _____ Current weather Raining Time 14:40
Peak stage _____ Current stage 17½"
Culvert size _____ Culvert flow depth _____ Culvert invert _____ 0475 ✓
High-velocity width _____ Low-velocity width _____
Dist.#1 10 Time #1 2.30 Dist.#1 _____ Time #1 _____
Dist.#2 10 Time #2 2.19 Dist.#2 _____ Time #2 _____
Dist.#3 10 Time #3 2.07 Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

LO VOLUME

Comments:

Turbidity — NTU's
Measured by _____
Date/time

Location OAR | Sampled by BT | Date 2/19
Rain start time | Current weather | Time 7:35
Peak stage | Current stage 13"
Culvert size | Culvert flow depth | Culvert invert
0267 JACOBY #22 COPIED 4-14-01 HY 01
High-velocity width | Low-velocity width
Dist.#1 | Time #1 17.03
Dist.#2 | Time #2 17.68 } 17.57
Dist.#3 | Time #3 18.01
Dist.#1 | Time #1
Dist.#2 | Time #2
Dist.#3 | Time #3
Sketch map of high and low velocity strands:
Sketch cross-section of channel:

TUM 22423
Comments:
Turbidity 10.3 NTU's
Measured by CF/EN
Date/time 20:25 7-22-01

Location BW | Sampled by BT | Date 2/19
Rain start time | Current weather | Time 7:40
Peak stage | Current stage 8"
Culvert size | Culvert flow depth | Culvert invert
0481
High-velocity width | Low-velocity width
Dist.#1 10 | Time #1 4.71
Dist.#2 10 | Time #2 5.03 } 4.73
Dist.#3 10 | Time #3 4.45
Dist.#1 | Time #1
Dist.#2 | Time #2
Dist.#3 | Time #3
Sketch map of high and low velocity strands:
Sketch cross-section of channel:

22423
Comments:
Turbidity 12.1 NTU's
Measured by CF/EN
Date/time 7-22-01 22:29

Location ERIC | Sampled by BT | Date 2/19
Rain start time | Current weather | Time 7:55
Peak stage | Current stage Gauge 6½"
Culvert size | Culvert flow depth 1½" | Culvert invert
0491
High-velocity width | Low-velocity width
Dist.#1 10 | Time #1 5.63
Dist.#2 10 | Time #2 6.20 } 5.67
Dist.#3 10 | Time #3 5.18
Dist.#1 | Time #1
Dist.#2 | Time #2
Dist.#3 | Time #3
Sketch map of high and low velocity strands:
Sketch cross-section of channel:

LOW VOL
Comments:
Turbidity | NTU's
Measured by
Date/time

Location SNAG | Sampled by BT | Date 2/19
Rain start time | Current weather | Time 8:05
Peak stage | Current stage | 0492 JACOBY #23 COPIED 4-14-01
Culvert size | Culvert flow depth 3" | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 10 Time #1 1.65
Dist.#2 10 Time #2 1.79 } 1.70
Dist.#3 10 Time #3 1.66
Dist.#1 Time #1
Dist.#2 Time #2
Dist.#3 Time #3
Sketch map of high and low velocity strands:
Sketch cross-section of channel:

Low Vol

Comments:

Turbidity NTU's
Measured by
Date/time

Location MM 1.65 | Sampled by BT | Date 2/19
Rain start time | Current weather | Time 8:20
Peak stage | Current stage | 0488
Culvert size | Culvert flow depth 3½" | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 10 Time #1 2.36
Dist.#2 10 Time #2 2.15 } 2.29
Dist.#3 10 Time #3 2.36
Dist.#1 Time #1
Dist.#2 Time #2
Dist.#3 Time #3
Sketch map of high and low velocity strands:
Sketch cross-section of channel:

Low Vol

Comments:

Turbidity NTU's
Measured by
Date/time

Location MM 1.20 | Sampled by BT | Date 2/19
Rain start time | Current weather | Time 8:25
Peak stage | Current stage | 0490
Culvert size | Culvert flow depth 2" | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 10 Time #1 2.90
Dist.#2 10 Time #2 2.70 } 2.75
Dist.#3 10 Time #3 2.67
Dist.#1 Time #1
Dist.#2 Time #2
Dist.#3 Time #3
Sketch map of high and low velocity strands:
Sketch cross-section of channel:

22423

Comments:

Turbidity 22.3 NTU's
Measured by CE/SN
Date/time 2/22/01 20:35

Location MOR Sampled by BT Date 2/19

Rain start time _____ Current weather _____ Time 11:15

Peak stage _____ Current stage _____

Culvert size _____ Culvert flow depth 5½ Culvert invert _____

0476 JACOBY #24

High-velocity width _____ Low-velocity width _____

Dist.#1 10 Time #1 2.61

Dist.#2 10 Time #2 2.83 } 2.77

Dist.#3 10 Time #3 2.89

Dist.#1 _____ Time #1 _____

Dist.#2 _____ Time #2 _____

Dist.#3 _____ Time #3 _____

COPIED 4-14-01 HYDI

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

LOW VOL

Comments:

Turbidity _____ NTU's

Measured by _____

Date/time _____

Location _____ Sampled by _____ Date _____

Rain start time _____ Current weather _____ Time _____

Peak stage _____ Current stage _____

Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____ Low-velocity width _____

Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____

Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____

Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's

Measured by _____

Date/time _____

Location _____ Sampled by _____ Date _____

Rain start time _____ Current weather _____ Time _____

Peak stage _____ Current stage _____

Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____ Low-velocity width _____

Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____

Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____

Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's

Measured by _____

Date/time

Location MOR Sampled by BT Date 2/21
Rain start time Current weather Sunny Time 10:55
Peak stage Current stage
Culvert size Culvert flow depth 8½" Culvert invert

0575 JACOBY #25 COPIED 4-14-01 MY01

High-velocity width Low-velocity width

Dist.#1 10 Time #1 1.71 Dist.#1 Time #1
Dist.#2 10 Time #2 1.50 } 1.60 Dist.#2 Time #2
Dist.#3 10 Time #3 1.60 Dist.#3 Time #3

Sketch map of high and low velocity strands: Sketch cross-section of channel:

6.25' per sec.

Comments:

22423

Turbidity 42.3 NTU's
Measured by CF EN
Date/time 2.22.01 21:00

Location BW Sampled by BT Date 2/21
Rain start time Current weather Time 11:05
Peak stage Current stage 12" on guage
Culvert size Culvert flow depth Culvert invert

0576

High-velocity width Low-velocity width

Dist.#1 10 Time #1 2.91 Dist.#1 Time #1
Dist.#2 10 Time #2 3.01 } 2.95 Dist.#2 Time #2
Dist.#3 10 Time #3 2.93 Dist.#3 Time #3

Sketch map of high and low velocity strands: Sketch cross-section of channel:

3.39' per sec.

Comments:

22423

Turbidity 38.3 NTU's
Measured by CF EN
Date/time 2.22.01 21:02

Location OAR Sampled by BT Date 2/21
Rain start time Current weather Time 11:30
Peak stage Current stage 18½"
Culvert size Culvert flow depth Culvert invert

0577

High-velocity width Low-velocity width

Dist.#1 10 Time #1 1.54 Dist.#1 Time #1
Dist.#2 10 Time #2 1.57 Dist.#2 Time #2
Dist.#3 10 Time #3 1.52 Dist.#3 Time #3

Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

22423

Turbidity 103 NTU's
Measured by CF EN
Date/time 2.22.01 21:04

Location REBEL 1 Sampled by BT Date 2/21
Rain start time _____ Current weather Clear Time 9:15
Peak stage _____ Current stage _____
Culvert size 4' Culvert flow depth 6" Culvert invert _____
High-velocity width _____ Low-velocity width _____

0477

JACOBY 26
COPIED
4-14-01
HY01

Dist.#1	10	Time #1 2.42	Dist.#1		Time #1
Dist.#2	10	Time #2 2.77 (2.58)	Dist.#2		Time #2
Dist.#3	10	Time #3 2.55	Dist.#3		Time #3

Sketch map of high and low velocity strands: Sketch cross-section of channel:

3.88' per sec

22423

Comments:

Turbidity 39.4 NTU's
Measured by CF/EN
Date/time 2.22.01 10:40

Location REBEL 2 Sampled by BT Date 2/21
Rain start time _____ Current weather sunny Time 9:30
Peak stage _____ Current stage _____
Culvert size 6'w 3" concrete bottom Culvert flow depth 3½" Culvert invert _____
High-velocity width _____ Low-velocity width _____

0478

Dist.#1	10	Time #1 1.31	Dist.#1		Time #1
Dist.#2	10	Time #2 1.29 (1.24)	Dist.#2		Time #2
Dist.#3	10	Time #3 1.13	Dist.#3		Time #3

Sketch map of high and low velocity strands: Sketch cross-section of channel:

7.75' per sec

22423

Comments:

Turbidity 59.1 NTU's
Measured by CF EN
Date/time 2.22.01 10:45

Location ERIC Sampled by BT Date 2/21
Rain start time _____ Current weather sunny Time 9:50
Peak stage _____ Current stage 7" on guage
Culvert size 3' Culvert flow depth 5½ Culvert invert _____
High-velocity width _____ Low-velocity width _____

0479

Dist.#1	10	Time #1 4.06	Dist.#1		Time #1
Dist.#2	10	Time #2 3.95 (3.76)	Dist.#2		Time #2
Dist.#3	10	Time #3 3.29	Dist.#3		Time #3

Sketch map of high and low velocity strands: Sketch cross-section of channel:

2.66' per sec

22423

Comments:

Turbidity 148 NTU's
Measured by CF EN
Date/time 2.22.01 10:48

Location SNAG | Sampled by BT | Date 2/21
Rain start time _____ | Current weather Sunny | Time 10:00
Peak stage _____ | Current stage _____
Culvert size 7' | Culvert flow depth 7" | Culvert invert _____

0480

JACOBY #27 COPIED 4-14-01 14 01

High-velocity width _____
Dist.#1 10 Time #1 1.34
Dist.#2 10 Time #2 1.33 } 1.42
Dist.#3 10 Time #3 1.59

Low-velocity width _____
Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

7.04' per sec

Sketch cross-section of channel:

TUM # 22423

Comments:

Turbidity 58.3 NTU's
Measured by CF EN
Date/time 7.22.01 20:49

Location MM 1.65 | Sampled by BT | Date 2/21
Rain start time _____ | Current weather Sunny | Time 10:18
Peak stage _____ | Current stage _____
Culvert size 3' | Culvert flow depth 6" | Culvert invert _____

0489

High-velocity width _____
Dist.#1 10 Time #1 1.21
Dist.#2 10 Time #2 1.41 } 1.35
Dist.#3 10 Time #3 1.43

Low-velocity width _____
Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

7.41' per sec

Sketch cross-section of channel:

TUM # 22423

Comments:

Turbidity 35.1 NTU's
Measured by CF / EN
Date/time 2.22.01 20:53

Location MM 1.20 | Sampled by BT | Date 2/21
Rain start time _____ | Current weather Sunny | Time 10:35
Peak stage _____ | Current stage _____
Culvert size 8'6" x 7'6" | Culvert flow depth 5 1/2" | Culvert invert _____

0574

High-velocity width _____
Dist.#1 10 Time #1 1.56
Dist.#2 10 Time #2 1.53 } 1.56
Dist.#3 10 Time #3 1.60

Low-velocity width _____
Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

6.41' per sec

Sketch cross-section of channel:

TUM # 22423

Comments:

Turbidity 86.9 NTU's
Measured by CF EN
Date/time 2.22.01 20:56

Location RC1 Rebel #1 Sampled by Joan Dixon Date 2/17
Rain start time 3AM Current weather Sprinkle Time 12:15 pm
Peak stage _____ Current stage _____ JACOBY #28
Culvert size 3½ Culvert flow depth 2½ in Culvert invert _____ COPIED 4-14-01
High-velocity width _____ Low-velocity width _____ HY01
Dist.#1 10 Time #1 13 Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

0274

Comments:

Turbidity 12.9 NTU's
Measured by DVD
Date/time 2/27/01 @ 11:36

Location Rebel #2 Sampled by J Dixon Date 2/17
Rain start time 3AM This Morning Current weather sprinkle Time 12:15
Peak stage _____ Current stage _____
Culvert size 6/4 Culvert flow depth 2 in Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 10 Time #1 7 Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

0271

71
-68
3

Comments:

Turbidity 10.9 NTU's
Measured by DVD
Date/time 2-27-01 @ 11:49

Location Rebel 2 Sampled by J Dixon Date 2/18
Rain start time 2/17 evening Current weather drizzling Time 1:30A
Peak stage 2/17 evening Current stage _____
Culvert size 6/4 Culvert flow depth 5 in Culvert invert _____
High-velocity width _____ 5 in Low-velocity width _____
Dist.#1 10 Time #1 5 sec Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

0269

10 in
-6 in
6 in
-1
5 in

Comments:

Turbidity 28.0 NTU's
Measured by DVD
Date/time 2/27/01 @ 11:51

Location Rebel 1 Sampled by Dan DIXON Date 2/21/01
Rain start time yesterday Current weather clear Time 2 pm
Peak stage last night Current stage _____ JACOBY # 39
Culvert size 3½ Culvert flow depth 7 in Culvert invert _____ COPIED 4-14-01
High-velocity width 30 in Low-velocity width _____ MY 01
Dist.#1 10 ft Time #1 4 sec Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

0273

Comments:

Turbidity 39.1 NTU's
Measured by DVD
Date/time 2-27-01 @ 11:41

Location Rebel 2 Sampled by J DIXON Date 2/21
Rain start time 4 pm Current weather light rain Time 5 pm
Peak stage light rain Current stage start up
Culvert size 6 ft Culvert flow depth 6½ in Culvert invert _____
High-velocity width 46 in approx Low-velocity width _____
Dist.#1 10 Time #1 2 3/4 sec Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

7'
6 3½
7½
-1 concrete layer

0272

Comments:

Turbidity 36.5 NTU's
Measured by DVD
Date/time 2/27/01 @ 11:54

Location Rebel 1 Sampled by JD Date 2/21/01
Rain start time now Current weather Raining Time 5 pm
Peak stage DON'T KNOW Current stage _____
Culvert size 3½ Culvert flow depth 7 in Culvert invert _____
High-velocity width 30 in Low-velocity width _____
Dist.#1 10 Time #1 3 sec Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

0270

Comments:

Turbidity 34.1 NTU's
Measured by DVD
Date/time 2/27/01 @ 11:46

Location ERIC LN. Sampled by G Blue Date 2-22-01
Rain start time 11 PM → 8AM 2-22 Current weather drizzle Time 0900
Peak stage _____ Current stage _____ JACOBY # 30
Culvert size 36 Culvert flow depth 8" Culvert invert 28" from top of culvert
High-velocity width _____ Low-velocity width CODED 4-14-01
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 HY01
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

8 3/8" @ guage

time for 10 ft travel = 5.17, 4.68, 5.40 } sec

Comments: Sample # 0297

Turbidity 86.5 NTU's
Measured by DVD
Date/time 2/27/01 @ 11:58

Location ERIC LN Sampled by G Blue Date 2-23-01
Rain start time dry ≈ 24° hrs Current weather clear Time 1345
Peak stage _____ Current stage _____
Culvert size 36 Culvert flow depth 3 1/2" Culvert invert 32 1/2"
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

6" @ guage

time for 10 ft travel = 7.9, 8.6, 8.56, 9.2 } secs

Comments: Sam # 0300

Turbidity 53.8 NTU's
Measured by DVD
Date/time 2/27/01 @ 12:01

Location _____ Sampled by _____ Date _____
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location OAR | Sampled by BT | Date 2/22
Rain start time _____ | Current weather Light Rain | Time 7:05
Peak stage _____ | RL Current stage 44 1/2" | 0580 JACOBY # 31
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ | COPIED 4-14-01
High-velocity width _____ | Low-velocity width _____ | HY 01

Dist.#1 10 Time #1 1.72
Dist.#2 10 Time #2 1.59 } 1.65
Dist.#3 10 Time #3 1.65

Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

LOW VOL

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

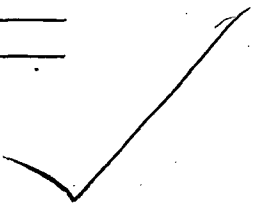
Location OAR | Sampled by BT | Date 2/22
Rain start time _____ | Current weather over cast | Time 9:20
Peak stage _____ | Current stage 41" DL | 0581
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____

Dist.#1 10 Time #1 1.53
Dist.#2 10 Time #2 1.43 } 1.56
Dist.#3 10 Time #3 1.72

Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:



TDM # 22423

Comments:

Turbidity 125 NTU's
Measured by CF EN
Date/time 2.22.01 21:09

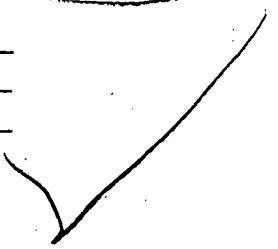
Location BW | Sampled by BT | Date 2/22
Rain start time _____ | Current weather over cast | Time 9:30
Peak stage _____ | Current stage 16" on gauge | 0582
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____

Dist.#1 10 Time #1 1.81
Dist.#2 10 Time #2 1.27 } 1.63
Dist.#3 10 Time #3 1.82

Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:



TDM 22423

Comments:

Turbidity 96.3 NTU's
Measured by EN CF
Date/time 2.22.01 21:10

Location MOR | Sampled by BT | Date 2/22
Rain start time _____ | Current weather overcast | Time 9:45
Peak stage _____ | Current stage _____
Culvert size 5' | Culvert flow depth 13½" | Culvert invert _____
High-velocity width _____ | Low-velocity width _____

0583

JACOBY # 32
COPIED 4-14-01 HY 01

Dist.#1 10 Time #1 1.26
Dist.#2 10 Time #2 1.83 } 1.52
Dist.#3 10 Time #3 1.48

Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Low Vol

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location OAR | Sampled by BT | Date 2/22
Rain start time _____ | Current weather overcast | Time 10:10
Peak stage _____ | Current stage 40" DL
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____

0584

Dist.#1 10 Time #1 1.68
Dist.#2 10 Time #2 1.77 } 1.55
Dist.#3 10 Time #3 1.20

Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

✓

TUM # 00423

Comments:

Turbidity 100 NTU's
Measured by CF & RW
Date/time 2.22.01 21:16

Location BW | Sampled by BT | Date 2/22
Rain start time _____ | Current weather overcast | Time 11:00
Peak stage _____ | Current stage 14½ DL
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____

0585

Dist.#1 10 Time #1 1.85
Dist.#2 10 Time #2 1.85 } 1.77
Dist.#3 10 Time #3 1.63

Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

✓

TUM # 00423

Comments:

Turbidity 69.1 NTU's
Measured by CF & RW
Date/time 2.22.01 21:17

Comments:

Turbidity ______ NTU's
Measured by ______
Date/time ______

Location DAR
Sampled by B. Russell
Date 2/23/01

Rain start time rained last night & again
Current weather drizzle
Time 10:30 am

Peak stage 1 hr. ago
Current stage FL
JACOBY # 33

Culvert size bridge
Culvert flow depth 122" = 10.2"
Culvert invert ______
COPIED 4-14-01

High-velocity width ______
Low-velocity width ______
HY 01

Dist.#1 ______ Time #1 6.2
Dist.#1 ______ Time #1 ______

Dist.#2 ______ Time #2 7.0
Dist.#2 ______ Time #2 ______

Dist.#3 ______ Time #3 6.8
Dist.#3 ______ Time #3 ______

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

FL - storm was about 1 hr. ago

TUM # 9614

SSAWTM

Turbidity 67.4 NTU's
Measured by DD
Date/time 3/1/01 @ 10:33

Comments:

Bottle # 0291

10.2
12 | 122

Comments:

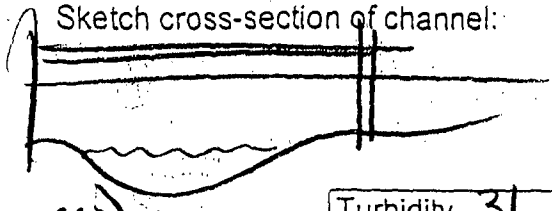
Turbidity _____ NTU's
Measured by _____
Date/time ?

Location OAR
Sampled by B.R.
Date 2/21/01
Rain start time 9:00am
Current weather Sunny
Time 10:50am
Peak stage _____
Current stage _____
JACOBY # 34
CODIED 4-14-01 MY/01
Culvert size _____ Culvert flow depth 12'2" from H2O to top of bridge
Culvert invert _____
High-velocity width _____
Low-velocity width _____

Dist.#1 _____	Time #1 9.0sec	Dist.#1 _____	Time #1 _____
Dist.#2 _____	Time #2 9.1sec	Dist.#2 _____	Time #2 _____
Dist.#3 _____	Time #3 9.1sec	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:



Comments: FL (storm passed a few hrs. ago)

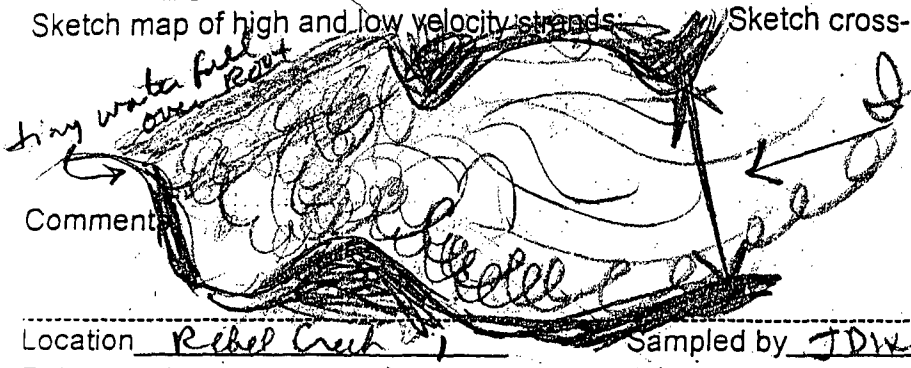
Turbidity 31.0 NTU's
Measured by DKD
Date/time 3/1/01 @ 10:30

60446 283

Location Rebel Creek #1 Sampled by J DIXON Date 3/2/01
Rain start time Early AM Current weather clear Time 4 pm
Peak stage AM Current stage _____ JACOBY # 35
Culvert size 3½ Culvert flow depth 5 in Culvert invert _____ COPIED 4-14-01
High-velocity width 22 in Low-velocity width _____ MY 01
Dist.#1 10 Time #1 6½ sec Dist.#1 _____ Time #1 _____
Dist.#2 10 Time #2 7 sec Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

#0712

Sketch map of high and low velocity strands: Sketch cross-section of channel:



TUM #9614

Comments:

Turbidity 273 NTU's
Measured by DJD
Date/time 3-9-01 @ 11:40

Location Rebel Creek 1 Sampled by JDixon Date 3/3
Rain start time early AM Current weather sprinkle Time 1 pm
Peak stage _____ Current stage _____
Culvert size 3½ ft Culvert flow depth 8½ Culvert invert _____
High-velocity width 33 in Low-velocity width _____
Dist.#1 10 ft Time #1 3½ sec Dist.#1 _____ Time #1 _____
Dist.#2 10 ft Time #2 3 sec Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

0713

TUM # 9614

Comments:

Turbidity 43.7 NTU's
Measured by DJD
Date/time 3-9-01 @ 11:45

Location Rebel Creek 2 Sampled by J DIXON Date 3/3
Rain start time early AM Current weather Raining Time 1:30pm
Peak stage _____ Current stage _____
Culvert size 6ft Culvert flow depth 9 in Culvert invert _____
High-velocity width 48 in at culvert Low-velocity width (less than ½ at culvert)
Dist.#1 10 ft Time #1 3 sec Dist.#1 _____ Time #1 _____
Dist.#2 10 ft Time #2 2 sec Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

7½
-6½
9 in

0714

TUM # 9614

Comments:

Turbidity 95.5 NTU's
Measured by DJD
Date/time 3-9-01 @ 11:50

Location Failed Culvert up Eric Ln (crossing) Sampled by TST Date 3/5
Rain start time _____ Current weather Clear Time 11.00
Peak stage _____ Current stage _____ JACOBY # 36
Culvert size 32" Culvert flow depth _____ Culvert invert _____ COPIED 4-14-01
High-velocity width _____ Low-velocity width _____ HY01
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Flows in one end of Culvert and out along its side on the down stream side
Upstream side sample

Sketch cross-section of channel:

0590 TOH #9614

Comments: ?

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location Failed Eric Ln Sampled by TST Date 3/5
Rain start time _____ Current weather Clear Time 11:00
Peak stage _____ Current stage _____
Culvert size 32" Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

No water thru Culvert

Sketch cross-section of channel:

0597

Comments: ?

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ Sampled by _____ Date _____
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location OAR | Sampled by BT | Date 4/6/01

Rain start time _____ | Current weather Raining | Time 1600

Peak stage _____ | Current stage 14" to water it 14" deep

Culvert size _____ Culvert flow depth _____ | Culvert invert _____ | 0595 ✓

High-velocity width _____ | Low-velocity width _____

Dist.#1 10' Time #1 1.92 | Dist.#1 _____ Time #1 _____ | JACOBY # 37

Dist.#2 10' Time #2 2.04 } 1.96 | Dist.#2 _____ Time #2 _____

Dist.#3 10' Time #3 1.94 | Dist.#3 _____ Time #3 _____ | COPIED 4-14-01 MYOI

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Rising Limb

TUM # 9614

Comments: | Turbidity 25.1 NTU's | Measured by CFENTON | Date/time 4-13-01 @ 23:05

Location BW | Sampled by BT | Date 4/6

Rain start time _____ | Current weather _____ | Time 16:08

Peak stage _____ | Current stage 9½" | 0594 ✓

Culvert size _____ Culvert flow depth _____ | Culvert invert _____

High-velocity width _____ | Low-velocity width _____

Dist.#1 10' Time #1 3.10 | Dist.#1 _____ Time #1 _____

Dist.#2 10' Time #2 2.75 } 2.96 | Dist.#2 _____ Time #2 _____

Dist.#3 10' Time #3 3.05 | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Rising Limb

TUM # 9614

Comments: | Turbidity 35.4 NTU's | Measured by CF | Date/time 4-13-01 @ 23:06

Location MOR | Sampled by BT | Date 4/6

Rain start time _____ | Current weather _____ | Time 16:21 ✓

Peak stage _____ | Current stage _____ | 0593

Culvert size _____ Culvert flow depth 7" | Culvert invert _____

High-velocity width _____ | Low-velocity width _____

Dist.#1 10 Time #1 1.78 | Dist.#1 _____ Time #1 _____

Dist.#2 10 Time #2 1.78 } 1.79 | Dist.#2 _____ Time #2 _____

Dist.#3 10 Time #3 1.83 | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM II 9614

Comments: | Turbidity 36.8 NTU's | Measured by CF | Date/time 4-13-01 @ 23:07

Location MM 1.20 Sampled by BT Date 4/6
Rain start time _____ Current weather _____ Time 16:35
Peak stage _____ Current stage _____
Culvert size 8' Culvert flow depth 6½" Culvert invert _____ 0592 ✓
High-velocity width _____ Low-velocity width _____ JACOBY #38
Dist.#1 10' Time #1 1.45 } 1.44 Dist.#1 _____ Time #1 _____ COPIED 4-14-01
Dist.#2 10' Time #2 1.45 Dist.#2 _____ Time #2 _____ MYOL
Dist.#3 10' Time #3 1.42 Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

R.L.

TUM # 9614

Comments:

Turbidity 159 NTU's
Measured by CF
Date/time 4-13-01 @ 23:08

Location MM 1.65 Sampled by BT Date 4/6
Rain start time _____ Current weather _____ Time 16:48
Peak stage _____ Current stage _____
Culvert size 3' Culvert flow depth 3" Culvert invert _____ 0518 ✓
High-velocity width _____ Low-velocity width _____
Dist.#1 10 Time #1 1.04 } 1.07 Dist.#1 _____ Time #1 _____
Dist.#2 10 Time #2 1.10 Dist.#2 _____ Time #2 _____
Dist.#3 10 Time #3 1.07 Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

R.L.

TUM # 9614

Comments:

Turbidity 51.5 NTU's
Measured by CFENTON
Date/time 4-13-01 @ 23:09

Location ERIC Sampled by BT Date 4/6
Rain start time _____ Current weather _____ Time 16:58
Peak stage _____ Current stage 9" on gauge
Culvert size 3' Culvert flow depth _____ Culvert invert _____ 0519 ✓
High-velocity width _____ Low-velocity width _____
Dist.#1 10 Time #1 1.12 } 1.17 Dist.#1 _____ Time #1 _____
Dist.#2 10 Time #2 1.08 Dist.#2 _____ Time #2 _____
Dist.#3 10 Time #3 1.32 Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

R.L.

TUM # 9614

Comments:

Turbidity 427 NTU's
Measured by C. FENTON
Date/time 4-13-01 @ 23:10

Location SNAG | Sampled by BT | Date 4/6
Rain start time _____ | Current weather _____ | Time 17:05
Peak stage _____ | Current stage _____
Culvert size 7' | Culvert flow depth 6½" | Culvert invert _____

0687 ✓ JACOBY # 39

High-velocity width _____ | Low-velocity width _____
Dist.#1 10 | Time #1 1.27
Dist.#2 10 | Time #2 1.29 } 1.32
Dist.#3 10 | Time #3 1.41
Dist.#1 _____ | Time #1 _____
Dist.#2 _____ | Time #2 _____
Dist.#3 _____ | Time #3 _____

COPIED 4-14-01 HY 01

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 9614

Comments:

Turbidity 202 NTU's
Measured by CF
Date/time 4-13-01 @ 23:11

Location REBEL 1 | Sampled by BT | Date 4/6
Rain start time _____ | Current weather _____ | Time 17:20
Peak stage _____ | Current stage _____
Culvert size 4' | Culvert flow depth 4" | Culvert invert _____

0688 ✓

High-velocity width _____ | Low-velocity width _____
Dist.#1 10' | Time #1 1.20
Dist.#2 10' | Time #2 1.34 } 1.27
Dist.#3 10' | Time #3 1.29
Dist.#1 _____ | Time #1 _____
Dist.#2 _____ | Time #2 _____
Dist.#3 _____ | Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 9614

Comments:

Turbidity 51.3 NTU's
Measured by CFENTON
Date/time 4-13-01 @ 03:11

Location REBEL 2 | Sampled by BT | Date 4/6
Rain start time _____ | Current weather Light Rain | Time 17:35
Peak stage _____ | Current stage _____
Culvert size 6 | Culvert flow depth 8" | Culvert invert _____

0689 ✓

High-velocity width _____ | Low-velocity width _____
Dist.#1 10 | Time #1 1.11
Dist.#2 10 | Time #2 1.09 } 1.07
Dist.#3 10 | Time #3 1.02
Dist.#1 _____ | Time #1 _____
Dist.#2 _____ | Time #2 _____
Dist.#3 _____ | Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 9614

Comments:

Turbidity 162 NTU's
Measured by C. FENTON
Date/time 4-13-01 @ 03:13

Location [illegible] Sampled by J DIXON Date 4/17/01

Rain start time last eve Current weather clear Time 12:45 pm

Peak stage _____ Current stage _____ JACOBY #41 ✓

Culvert size 6ft Culvert flow depth 6-7 in Culvert invert _____ COPIED 5-5-01

High-velocity width 46 in Low-velocity width _____ HV01

Dist.#1 10 Time #1 2½ Dist.#1 _____ Time #1 _____

Dist.#2 10 Time #2 3 Dist.#2 _____ Time #2 _____

Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

0731

Comments:

Turbidity 42.0 NTU's ✓

Measured by C. FENTON

Date/time 4-27-01 @ 08:55

Location Rebel 2 Sampled by J D Date 4/20

Rain start time last night Current weather overcast Time 11:10 A

Peak stage 1 Current stage _____

Culvert size 6ft Culvert flow depth 4-10 Culvert invert _____

High-velocity width 37 in ↑ four in, Low-velocity width _____

Dist.#1 10 ft Time #1 6 sec Dist.#1 _____ Time #1 _____

Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____

Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

0729

7.1
-6.7

Comments:

Turbidity 15.8 NTU's ✓

Measured by C. FENTON

Date/time 4-27-01 @ 08:56

Location Rebel 1 Sampled by JD Date 4/20

Rain start time _____ Current weather _____ Time 11 A

Peak stage _____ Current stage _____

Culvert size 3 Culvert flow depth 3 in Culvert invert _____

High-velocity width 19 in Low-velocity width _____

Dist.#1 10 ft Time #1 10 sec Dist.#1 _____ Time #1 _____

Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____

Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

0715

Comments:

Turbidity 17.2 NTU's

Measured by C. FENTON

Date/time 4-27-01 @ 08:57

Location Rebel 2 | Sampled by J Dixon | Date 3/28/01
Rain start time last night | Current weather Dry | Time 12 noon
Peak stage _____ | Current stage _____
Culvert size 6 | Culvert flow depth 6 inch SIX | Culvert invert _____
High-velocity width 4 in | Low-velocity width _____
Dist.#1 _____ Time #1 4 sec | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 3 sec | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

OIGR 0716
JACOBY #40
MY 01
COPIED
5-5-01
@ 714
#9614

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

Turbidity 5.27 NTU's
Measured by C. FENTON
Date/time 4-27-01 @ 08:51

Location RC 2 | Sampled by _____ | Date between 3/28 & 4/2
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

OIGR 0717
2
1
0714
#9614

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

Turbidity 33.7 NTU's
Measured by C. FENTON
Date/time 4-27-01 @ 08:53

Location RC 2 | Sampled by J Dixon | Date 4/2
Rain start time last night | Current weather dry | Time 9 pm 21:00
Peak stage _____ | Current stage _____
Culvert size 6 | Culvert flow depth 5 in | Culvert invert _____
High-velocity width 40
Dist.#1 10 ft Time #1 4 1/2 | Low-velocity width _____
Dist.#2 40 ft Time #2 5 | Dist.#1 _____ Time #1 _____
Dist.#3 _____ Time #3 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____

OIGR
0728
#9614

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

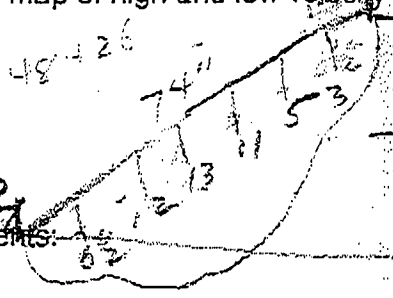
Turbidity 18.3 NTU's
Measured by C. FENTON
Date/time 4-27-01 @ 08:54

Location E. branch ELK R. pulled bridge | Sampled by Ashley K | Date 11/16/00
Rain start time ____ | Current weather ____ | Time 14:11
Peak stage ____ | Current stage ____
Culvert size ____ Culvert flow depth ____ | Culvert invert ____

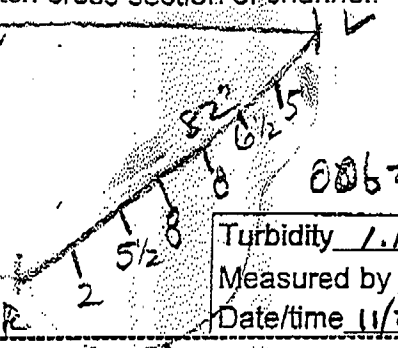
ELK #1
COPIED 4-13-01
HY01

High-velocity width		Low-velocity width	
Dist.#1 4'	Time #1 25.58 s	Dist.#1 4'	Time #1 44.6s
Dist.#2 4'	Time #2 38.70 s	Dist.#2 4'	Time #2 57.47 s
Dist.#3 4'	Time #3 45.84 s	Dist.#3 4'	Time #3 58 s

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



Comments:

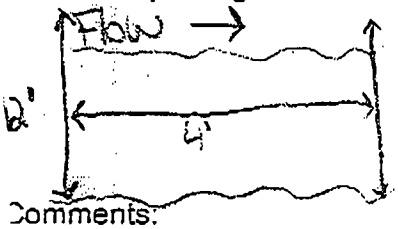
Turbidity 1.10 NTU's
Measured by JK
Date/time 11/20/00 19:02

Location E. Elk - Old Growth Edge | Sampled by EL, JE, AR | Date 11/16/00
Rain start time ____ | Current weather clear | Time 15:09
Peak stage ____ | Current stage ____
Culvert size ____ Culvert flow depth ____ | Culvert invert ____

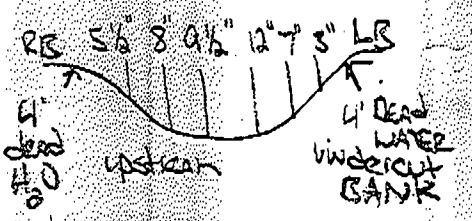
LB-1ft. wide 22s.
Center - 14's
RB- 1ft. dead H2O

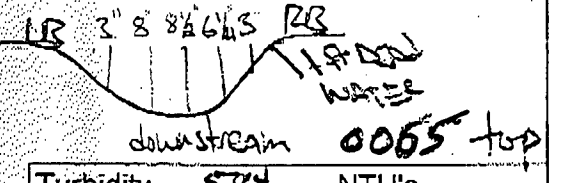
High-velocity width		Low-velocity width	
Dist.#1 4'	Time #1 32s	Dist.#1 36"	Time #1 22s
Dist.#2 4'	Time #2 9.0s CENTER	Dist.#2 4'	Time #2 11s
Dist.#3 4'	Time #3 12.0s-LB	Dist.#3 4'	Time #3 15.0's

Sketch map of high and low velocity strands:



Sketch cross-section of channel:





Comments:

Turbidity 5.84 NTU's
Measured by JC
Date/time 11/20/00 19:07

Location ____ | Sampled by ____ | Date ____
Rain start time ____ | Current weather ____ | Time ____
Peak stage ____ | Current stage ____
Culvert size ____ Culvert flow depth ____ | Culvert invert ____

High-velocity width		Low-velocity width	
Dist.#1 ____	Time #1 ____	Dist.#1 ____	Time #1 ____
Dist.#2 ____	Time #2 ____	Dist.#2 ____	Time #2 ____
Dist.#3 ____	Time #3 ____	Dist.#3 ____	Time #3 ____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

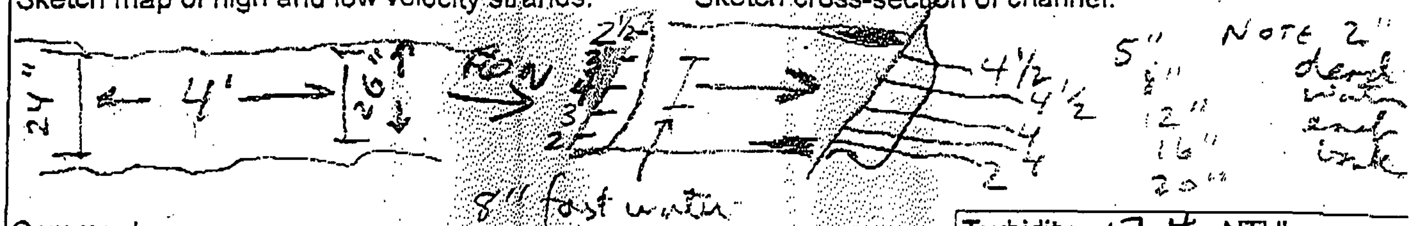
Turbidity ____ NTU's
Measured by ____
Date/time

FHL#2
COPIED 4-13-01
HY01

Location #18 | Sampled by J Noell | Date 11/16/00
Rain start time ended >24hrs | Current weather Clear | Time 11:27
Peak stage Falling | Current stage Falling
Culvert size 56" | Culvert flow depth 3/4" | Culvert invert 49"

High-velocity width				Low-velocity width			
Dist.#1	4'	Time #1	9.09 s	Dist.#1	33"	Time #1	18.14 s
Dist.#2	4'	Time #2	7.67 s	Dist.#2	33"	Time #2	18.31 s
Dist.#3	4'	Time #3	9.34 s	Dist.#3	33"	Time #3	17.85 s

Sketch map of high and low velocity strands: | Sketch cross-section of channel:



Comments:
0033 filled to top
11 sec to fill bucket

Turbidity 17.4 NTU's
Measured by JK
Date/time 11/20/00 18:48

Location 3 mi Bridge | Sampled by JN | Date 11/16/00
Rain start time | Current weather | Time 12:21
Peak stage | Current stage 19'9" top center of bridge (upstream)
Culvert size | Culvert flow depth | Culvert invert

High-velocity width (D 8') (Up 4') | Low-velocity width (Downstream 5' + 3') (Upstream 4' + 8')

Dist.#1	19'	Time #1	9.21	Dist.#1		Time #1	
Dist.#2	19'	Time #2	8.22	Dist.#2		Time #2	
Dist.#3	19'	Time #3	7.46	Dist.#3		Time #3	

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

0061 To top

Comments:

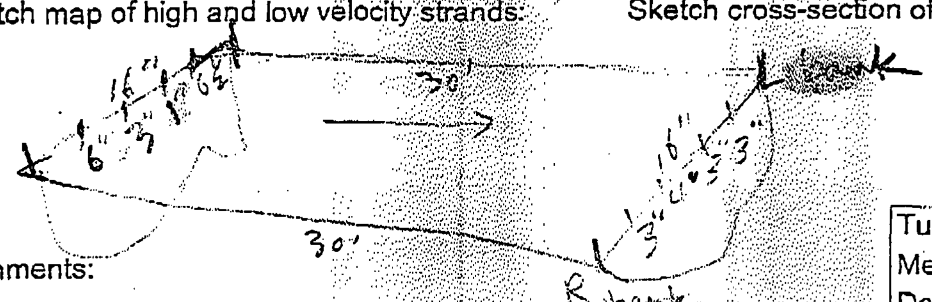
Turbidity ~~12.2'~~ NTU's 5.64
Measured by JK
Date/time 11/20/00 18:51

Location Little S. Fork Iron Bridge | Sampled by JN | Date 11/16/00
Rain start time | Current weather | Time 13:06
Peak stage | Current stage 93½" center of bridge (upstream)
Culvert size | Culvert flow depth | Culvert invert

~~High-velocity~~ width 16" Center | ~~Low~~-velocity width Right | Left

Dist.#1	30"	Time #1	5.25 } Center	Dist.#1	30"	Time #1	2.42	5.10
Dist.#2	"	Time #2	4.82	Dist.#2	"	Time #2	2.90	4.29
Dist.#3	"	Time #3	4.33	Dist.#3	"	Time #3		

Sketch map of high and low velocity strands: | Sketch cross-section of channel:



0035 to top

Comments:

Turbidity 0.77 NTU's
Measured by JK
Date/time 11/20/00 18:58

Location NF | Sampled by R. Kraus | Date 11/29/00
Rain start time | Current weather | Time 0845
Peak stage | Current stage 19.5 B
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

ELK #3
COPIED 4-13-01
HY01

N.F. Bridge

Stage measured from bridge rail. = B

TUM # 22441

Comments:
ID # 01GR
0195

Turbidity 9.00 NTU's
Measured by CF
Date/time 2-1-01 @ 19:37

Location NF. | Sampled by R. Kraus | Date 12/14/00
Rain start time | Current weather | Time 1020
Peak stage | Current stage 16.5 B
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM 22441

Comments:
ID # 01GR
0196

Turbidity 78.8 NTU's
Measured by CF
Date/time 2-1-01 @ 19:38

Location N.F. | Sampled by R. Kraus | Date 1/8/01
Rain start time | Current weather 19.95 B | Time 1325
Peak stage | Current stage
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM 22441

Comments:
ID # 01GR
0197

Turbidity 3 3.80 NTU's
Measured by CF
Date/time 2-1-01 @ 19:43

Location N.F. Sampled by R. Kraus Date 1/10/01
Rain start time _____ Current weather _____ Time 1045 ✓
Peak stage _____ Current stage 17.9 B ELK #4
Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-13-01
High-velocity width _____ Low-velocity width _____ HY01
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM 82441

Comments:
ID# 01GR 0194

Turbidity 28.8 NTU's
Measured by CF
Date/time 8-1-01 @ 19:45

Location N.F. Sampled by R. Kraus Date 1/11/01
Rain start time _____ Current weather _____ Time 0915 ✓
Peak stage _____ Current stage 15.65 B
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM 82441

Comments:
01GR 0198

Turbidity 86.1 NTU's
Measured by CF
Date/time 8-1-01 @ 19:46

Location N.F. Sampled by R. Kraus Date 1/23/01
Rain start time _____ Current weather _____ Time 1600
Peak stage _____ Current stage 1.22 S.P.
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

NO BOTTLE

Turbidity _____ NTU's
Measured by _____
Date/time

Comments:
Stage measured from staff plates. = S.P.

Location KRW | Sampled by C.F/K.W/E.N. | Date 12.2.00
Rain start time | Current weather | Time 15:15
Peak stage | Current stage 0.96 | BLK #5 ✓ COPIED 4-13-01
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

HY 01

INSTALL STAFF PLATES UP TO 20Δ

#22423

Comments: ID # 01 GR 0342

Turbidity 9.27 NTU's
Measured by C.F.
Date/time 12-2-00 @ 15:20

Location NFELK | Sampled by | Date 12-2-00
Rain start time | Current weather | Time 15:20 ✓
Peak stage | Current stage 1.55
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

19.5' ↓ BRIDGE RAIL

#22423

Comments: ID # 01 GR 0344

Turbidity 9.32 NTU's
Measured by C.F.
Date/time 12-2-00 15:22

Location SFELKMB | Sampled by C.F. | Date 12-2-00
Rain start time | Current weather | Time 15:30 ✓
Peak stage | Current stage 1.05
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

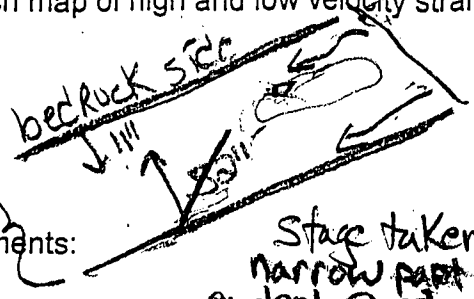
22423

Comments: ID # 01 GR 0343

Turbidity 5.82 NTU's
Measured by C.F.
Date/time 12-2-00 15:32

Location LSF ELK 06#2 | Sampled by Casey C. | Date 1/9/01
Rain start time 11 am | Current weather Lite rain | Time 16:30
Peak stage _____ | Current stage ~~23~~ 23" ELK #6 CORED 4-13-01 HY01
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width 52" | Low-velocity width 11"
Dist.#1 48" Time #1 15.57 | Dist.#1 48" Time #1 27.0
Dist.#2 48" Time #2 14.60 | Dist.#2 48" Time #2 54.8
Dist.#3 48" Time #3 13.60 | Dist.#3 48" Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

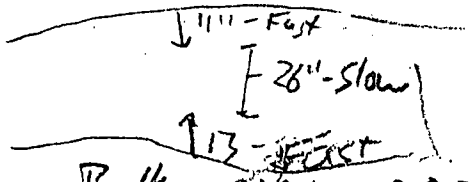
bottle 016R Sample 0462 Time

Comments: Stage taken in center of narrow part of channel. Some current @ site. Will improve description next visit #9614

Turbidity 21.3 NTU's
Measured by Seth Fahn
Date/time _____

Location LSFE 06#2 | Sampled by CASEY C. | Date 1/10/01
Rain start time 10:00 | Current weather Light Rain | Time 11:15
Peak stage _____ | Current stage 28.5"
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width 11" | Low-velocity width 26"
Dist.#1 48" Time #1 9.99sec | Dist.#1 48" Time #1 21.74
Dist.#2 | Time #2 10.56 | Dist.#2 | Time #2 19.70
Dist.#3 | Time #3 10.64 | Dist.#3 | Time #3 21.20

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

Comments: Bottle: 016R-0034

#9614
Turbidity 11.3 NTU's
Measured by Seth
Date/time 1/10 11:31

Location LSFE 06#2 | Sampled by CASEY C. | Date 1/10/01
Rain start time 10:00 | Current weather Light Rain | Time 12:25
Peak stage _____ | Current stage 24"
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width 11" | Low-velocity width 26"
Dist.#1 48" Time #1 6.90s | Dist.#1 48" Time #1 11.07s
Dist.#2 | Time #2 6.08 | Dist.#2 | Time #2 11.29
Dist.#3 | Time #3 5.60 | Dist.#3 | Time #3 11.74

Sketch map of high and low velocity strands:

Same ↑

Sketch cross-section of channel:

Same ↑

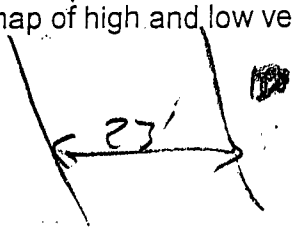
#9614
Turbidity 10.9 NTU's
Measured by Seth
Date/time 1/10 12:45

Comments: Bottle: 016R-0129

Location 3 Mile Bridge - LSRE | Sampled by Casey C. | Date 1/10/01
Rain start time 10:00 | Current weather Light Rain | Time 17:15
Peak stage ? | Current stage 16.5' from bridge
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width 23' 11" | Low-velocity width _____
Dist.#1 19.5' Time #1 4.97s | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 5.58 | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 4.63 | Dist.#3 _____ Time #3 _____

ELK #7
COMED
4-13-01
HY01

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

#9614

Comments:
Bottle 01 GR 0127

Turbidity 24.0 NTU's
Measured by Scott Funk
Date/time 1/10 17:21

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location LSFE 06#2 Sampled by CASEY C. Date 1/10/01
Rain start time 10:00 Current weather Light Rain Time 13:25
Peak stage _____ Current stage 23 3/4 BK #8 COPIED 4-13-01 HY01
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width 11" Low-velocity width 26"
Dist.#1 48" Time #1 8.57s Dist.#1 48" Time #1 18.50s
Dist.#2 | Time #2 8.30 Dist.#2 | Time #2 20.83
Dist.#3 | Time #3 9.29s Dist.#3 | Time #3 20.23
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Same as 11:15 Same as 11:15

Comments: Bottle 01GR-0031

#9614
Turbidity 11.6 NTU's
Measured by Seth Fouch
Date/time 1/10 13:42

Location LSFE 06 #2 Sampled by CASEY C Date 1/10/01
Rain start time 10:00 Current weather Very Light Rain Time 14:23
Peak stage _____ Current stage 23.5
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width 8" Low-velocity width 26"
Dist.#1 48" Time #1 7.74s Dist.#1 48" Time #1 17.74s
Dist.#2 | Time #2 8.00 Dist.#2 | Time #2 16.18
Dist.#3 | Time #3 8.85 Dist.#3 | Time #3 16.10
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Same ↑ Same ↑

Comments: Bottle: 01GR-0128

#9614
Turbidity 13.5 NTU's
Measured by SF
Date/time 1/10 14:40

Location IRON BRIDGE Sampled by Seth Fouch Date 1/10/01
Rain start time 10:00 Current weather Overcast Time ~~10:40~~ 16:38
Peak stage ? Current stage 7'2.5" from bridge top
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width 3'2.5" Low-velocity width 1'
Dist.#1 48" Time #1 ~~3.44~~ 3.50 Dist.#1 48" Time #1 8sec
Dist.#2 48" Time #2 5.14 Dist.#2 48" Time #2 8.38
Dist.#3 48" Time #3 4.76 Dist.#3 48" Time #3 6.3
Sketch map of high and low velocity strands: Sketch cross-section of channel:

11' 7.5" { 7.5' low flow; 1' no flow

Comments: Bottle - 01GR 0036

~~#9614~~
Turbidity 9.21 NTU's
Measured by SF
Date/time 16:45 1/10

Location N.F. ELK | Sampled by K W | Date 1-20-01
Rain start time 1 | Current weather WINDY-OVERCAST WARM | Time 15:03
Peak stage _____ | Current stage 1.25
Culvert size _____ Culvert flow depth _____ | Culvert invert 6.06 M
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

ELK #9
COPIED 4-13-01
MYOI
✓

TUM #9614

Comments: 01GR-0108

Turbidity 6.21 NTU's
Measured by C. FENTON
Date/time 1-20-01 / 15:10

Location NFELK | Sampled by SFachi | Date 1/20/01
Rain start time none | Current weather overcast | Time 14:59
Peak stage _____ | Current stage 1.25
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 2'2" Time #1 25.09 | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 24.40 | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 40.02 | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

✓

#9614

Comments:
Bottle ID - 01GR 0383

Turbidity 5.29 NTU's
Measured by Clark Fenton
Date/time 1/20/01 C

Location _____ | Sampled by K.M | Date 1-20-01
Rain start time _____ | Current weather _____ | Time 15:09
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 37.30 | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

✓

TUM #9614

01GR-0104

Comments:

Turbidity 5.46 NTU's
Measured by CF
Date/time 1/20/01 15:10

Location NFEIK | Sampled by JN | Date 1-20-01
Rain start time _____ | Current weather CLOUDY, NO RAIN IN DAYS | Time 14:48
Peak stage _____ | Current stage 1.25 | 2nd 15:09 HYDI
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ | BLK #10 COPIED 4-13-01

High-velocity width 6'	Low-velocity width 8'
Dist.#1 21 Time #1 28.70	Dist.#1 21 Time #1 59.90
Dist.#2 21 Time #2 30.47	Dist.#2 21 Time #2 43.21 @ RL Edge of Strand
Dist.#3 _____ Time #3 _____	Dist.#3 21 Time #3 39.43 @ RR Edge of Fast STRAND

Sketch map of high and low velocity strands:

SAMPLE 01GR 0380 Taken at edge of bank

Sketch cross-section of channel:

BASE FLOW indicated by DARK TANNIN LINE @ 0.9

#9614

Comments: | 6' SLOW | 6 FAST | 2' |

2ND 01GR-0382 TURBIDITY 5.45 DATE/TIME 1-20-01 / 15:11

Turbidity 5.22 NTU's
Measured by Clark Fenton
Date/time 1/20/01 - 15:03

Location NF EIK | Sampled by CF | Date 1-20-01
Rain start time _____ | Current weather _____ | Time 14:58
Peak stage _____ | Current stage 1.25
Culvert size _____ Culvert flow depth _____ | Culvert invert _____

High-velocity width _____	Low-velocity width _____
Dist.#1 21 Time #1 34.43	Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 24.94	Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 32.94	Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

01GR from Bridge 0384

Sketch cross-section of channel:

BRIDGE RAIL TO WATER 14'2"

#9614

Comments:

Turbidity 5.70 NTU's
Measured by Clark Fenton
Date/time 1/20/01 @ 15:05

Location NF EIK | Sampled by JK | Date 1/20/01
Rain start time _____ | Current weather _____ | Time 15:06
Peak stage _____ | Current stage 1.23
Culvert size _____ Culvert flow depth _____ | Culvert invert 6.14 M from Bridge center

High-velocity width _____	Low-velocity width _____
Dist.#1 21 Time #1 27.00	Dist.#1 _____ Time #1 _____
Dist.#2 21 Time #2 30.68	Dist.#2 _____ Time #2 _____
Dist.#3 21 Time #3 27.06	Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

01GR0105

#9614

Turbidity 6.14 NTU's
Measured by CF
Date/time 1/20/01 15:09

Comments: Started 1500 @ SFMRB @ 17:25 to go off in 6hr in 6hr increments

Location NF ELK | Sampled by JN | Date 1-23-01
Rain start time AM 11:00 | Current weather RAIN | Time 14:01
Peak stage _____ | Current stage 1.1
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

ELK #11
CODED 4-13-01
HY 01

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

~~ISCO had purged 9 samples~~
~~battery problem~~

T # 22441

Comments:
ID# OKR 0248

Turbidity 19.3 NTU's
Measured by CF
Date/time 1-30-01 @ 21:25

Location MBSF ELK | Sampled by JN | Date 1-23-01
Rain start time _____ | Current weather DRIZZLE | Time 14:20
Peak stage _____ | Current stage 0.85
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

ISCO had purged 8 or 9 Samples
Battery down / malfunction

T # 22441

Comments: See Discharge sheet

Turbidity 3.79 NTU's
Measured by CF
Date/time 1-30-01 @ 21:31

Location ~~VD~~ RAINBOW | Sampled by JN | Date ~~1-23-01~~ 12-23-00
Rain start time 11: AM | Current weather RAIN | Time 16:59
Peak stage _____ | Current stage See USGS
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#8 _____ Time #3 _____

1 Inch
See V.D Field Book

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

ISCO ~~#1 = 0142~~
~~B24 = 0165~~
~~CONSECUTIVE~~
12-23-00 #8 — 15:45 — 0124 — 22.8 NTU
Comments: 12-27-00 #24 — 9:45 — 0141 — 7.26 NTU

See V.D. RITE IN RAIN BOOK !
7 SAMPLES TAKEN IN START UP

Turbidity _____ NTU's
Measured by _____
Date/time

Location LSFelk 06+2 Sampled by SF/JS Date 1/25/01
Rain start time 10:30 Current weather overcast Time 12:06
Peak stage _____ Current stage 23.4" ↓
Culvert size _____ Culvert flow depth _____ Culvert invert _____
ELK # 12
COPIED 4-13-01 MY 01

High-velocity width		Low-velocity width	
Dist.#1 11'	Time #1 10.94	Dist.#1 11'	Time #1 26.08
Dist.#2 11'	Time #2 9.91	Dist.#2 11'	Time #2 29.02
Dist.#3 11'	Time #3 11.70	Dist.#3 11'	Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

#22441

Comments: 01GR 0130

Turbidity 12.0 NTU's
Measured by SETH PARTL
Date/time 2/2/01 13:35

Location LSFelk 06+2 Sampled by SFaubi Date 1/25/01
Rain start time 10:30 Current weather overcast Time 14:27
Peak stage _____ Current stage 26" ↑
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1 11'	Time #1 8.00	Dist.#1 11'	Time #1 _____
Dist.#2 11'	Time #2 7.21	Dist.#2 _____	Time #2 _____
Dist.#3 _____	Time #3 _____	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

#22441

Comments: 01GR 0007

Turbidity 16.6 NTU's
Measured by SF
Date/time 2/2/01 13:37

Location LSFelk 06+2 Sampled by SF/JS Date 1/25
Rain start time 10:30 Current weather overcast Time 15:00
Peak stage _____ Current stage 26" -
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1 11'	Time #1 7.91	Dist.#1 _____	Time #1 _____
Dist.#2 11'	Time #2 7.82	Dist.#2 _____	Time #2 _____
Dist.#3 _____	Time #3 _____	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

#22441

Comments: 01GR 0032

Turbidity 15.0 NTU's
Measured by SF
Date/time 2/2/01 13:39

Location LSFelk OG#2 Sampled by Seth Farshi / Jill Szczygiel Date 1/24/01
Rain start time ____ Current weather overcast Time 10:57
Peak stage ____ Current stage 23"

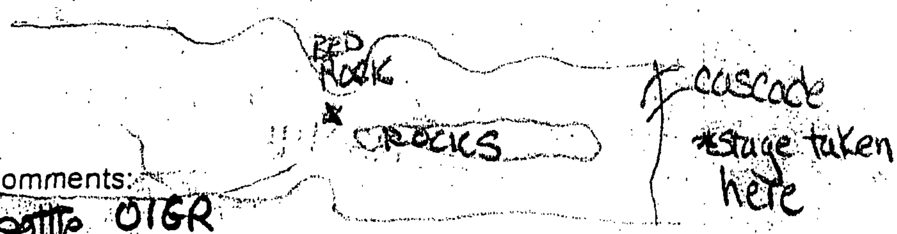
ELK #13
COPIED 4-13-01
HY 01

Culvert size ____ Culvert flow depth ____ Culvert invert ____

High-velocity width ____ Low-velocity width ____

Dist.#1 11'	Time #1 16.81	Dist.#1 11'	Time #1 34.13
Dist.#2 11'	Time #2 12.46	Dist.#2 11'	Time #2 35.54
Dist.#3 11'	Time #3 15.73	Dist.#3 11'	Time #3 50.92

Sketch map of high and low velocity strands: Sketch cross-section of channel:



Comments:
bottle 01GR 0080

#22441
Turbidity 19.1 NTU's
Measured by Seth Farshi
Date/time 2/2/01 13:27

Location LSFelk OG#2 Sampled by S Farshi / J Szczygiel Date 1/24/01
Rain start time plus 24 hrs Current weather overcast Time 16:05
Peak stage ____ Current stage 23.5"
Culvert size ____ Culvert flow depth ____ Culvert invert ____

High-velocity width ____ Low-velocity width ____

Dist.#1 11'	Time #1 15.01	Dist.#1 11'	Time #1 29.12
Dist.#2 11'	Time #2 16.71	Dist.#2 11'	Time #2 31.10
Dist.#3 11'	Time #3 14.30	Dist.#3 11'	Time #3 33.01

Sketch map of high and low velocity strands: Sketch cross-section of channel:

22441
Turbidity 17.0 NTU's
Measured by Seth Farshi
Date/time 2/2/01 13:30

Comments:
bottle 01GR 0084

Location LSFelk OG#2 Sampled by Seth Farshi / Jill Date 1/25/01
Rain start time 10:30 1/25/01 Current weather raining Time 11:04
Peak stage ? Current stage 24"
Culvert size ____ Culvert flow depth ____ Culvert invert ____

High-velocity width ____ Low-velocity width ____

Dist.#1 11'	Time #1 21.56	Dist.#1 11'	Time #1 28.07
Dist.#2 11'	Time #2 16.64	Dist.#2 11'	Time #2 32.34
Dist.#3 11'	Time #3 11.00	Dist.#3 11'	Time #3 ____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

22441
Turbidity 12.4 NTU's
Measured by Seth Farshi
Date/time 2/2/01 13:33

Comments:
bottle 01GR 0010

Location LSFelk Smile bridge | Sampled by Seth Zenk | Date 2/3/01
Rain start time no rain in 24hrs | Current weather overcast | Time 13:01
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____

ELK # 14
COPIED 4-13-01
HY 01

High-velocity width		Low-velocity width	
Dist.#1 10'	Time #1 10.43	Dist.#1	Time #1
Dist.#2 10'	Time #2 14.53	Dist.#2	Time #2
Dist.#3 10'	Time #3 10.04	Dist.#3	Time #3

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

#22441

Comments: 01GR 0503

Turbidity 4.27 NTU's
Measured by SF
Date/time 2/6/01 14:02 SF

Location LSFelk 00+2 | Sampled by Seth F & Ashley R | Date 2/3/01
Rain start time no rain in 24hrs | Current weather overcast | Time 14:01
Peak stage _____ | Current stage 22"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width 18"		Low-velocity width 20"	
Dist.#1 10'	Time #1 9.09	Dist.#1 10'	Time #1 24.58
Dist.#2 10'	Time #2 12.11	Dist.#2 10'	Time #2 43.24
Dist.#3 10'	Time #3 10.94	Dist.#3 10'	Time #3 23.25

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

#22441

Comments: 01GR 0504 Channel width = 4'0"

Turbidity 4.65 NTU's
Measured by Seth Zenk
Date/time 2/6/01 14:07

Location LSFelk 00+3 | Sampled by SF | Date 2/3/01
Rain start time none in 24hrs | Current weather overcast | Time 15:00
Peak stage — | Current stage —
Culvert size — Culvert flow depth — Culvert invert —

High-velocity width 4"		Low-velocity width 5"	
Dist.#1 7'	Time #1 9.65	Dist.#1 7'	Time #1 11.36
Dist.#2 7'	Time #2 8.34	Dist.#2 7'	Time #2 12.71
Dist.#3 7'	Time #3 6.70	Dist.#3 7'	Time #3 11.57

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Battle 01GR 0499

#22441

Comments:

Turbidity 4.50 NTU's
Measured by Seth Zenk
Date/time 2/6/01 14:09

Location LSFelk Iron Bridge | Sampled by SF | Date 1/25/01
Rain start time 10:30 | Current weather overcast | Time 16:34
Peak stage _____ | Current stage 7'4" from center bridge FLK#15
Culvert size _____ Culvert flow depth _____ Culvert invert _____ 0980 4-13-01
High-velocity width _____ Low-velocity width _____ HY 01
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

#22441
Comments: 01GR 0079
Turbidity 27.5 NTU's
Measured by SF
Date/time 2/2/01 1342

Location LSFelk 3mile bridge | Sampled by SFunk | Date 1/25/01
Rain start time 10:30 | Current weather overcast | Time 17:00
Peak stage _____ | Current stage 17'10" from centre down bridge
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 4.81 Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 5.01 Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 5.31 Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

bridge width to be measured

#22441
Comments: 01GR 0079
Turbidity _____ NTU's
Measured by _____
Date/time _____

Location LSFelk iron bridge | Sampled by Seth Fauhl | Date 2/3/01
Rain start time no rain in 24hrs | Current weather overcast | Time 11:56
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 14' Time #1 24.84 Dist.#1 _____ Time #1 _____
Dist.#2 14' Time #2 27.24 Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

#22441
01GR 0502
Comments:
Turbidity 3.1 NTU's
Measured by Seth Fauhl
Date/time 2/6/01 0502

Location N.F. Sampled by R. Kraus Date 1/23
Rain start time _____ Current weather _____ Time 2210 ✓
Peak stage _____ Current stage 1.74 S.P. ELK #16
Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-13-01
High-velocity width _____ Low-velocity width _____ HY 01
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM 22441

Comments: 016R
D169

Turbidity 40.4 NTU's
Measured by CF
Date/time 2-1-01 @ 19:56

Location N.F. Sampled by R. Kraus Date 1/24/01
Rain start time _____ Current weather _____ Time 1320
Peak stage _____ Current stage 2.58 S.P. ✓
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM 22441

Comments: 016R
0172

Turbidity 37.9 NTU's
Measured by CF
Date/time 2-1-01 @

Location N.F. Sampled by R. Kraus Date 1/25/01
Rain start time _____ Current weather _____ Time 1340
Peak stage _____ Current stage 5.16 S.P. ✓
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM # 22441

Comments: 016R
0170

Turbidity 549 NTU's
Measured by CF
Date/time 2-1-01 @ 19:59

Location N.F. Sampled by R. Kraus Date 1/25/01
Rain start time _____ Current weather _____ Time 1650
Peak stage _____ Current stage 7.32 S.P. EK #17
Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-13-01
High-velocity width _____ Low-velocity width _____ HY 01
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

OLGR
0124

1200 + TUM # 224241

Comments:
BOTTLE SANS 13:50

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location N.F. Sampled by R. Kraus Date 1/26/01
Rain start time _____ Current weather _____ Time 0950
Peak stage _____ Current stage 7.00 S.P.
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ Sampled by _____ Date _____
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location NF ELK | Sampled by JN | Date 1-26-01
Rain start time _____ | Current weather NO RAIN - 24 hrs | Time 18:00
Peak stage _____ | Current stage 5.81 | ELK # 18 4-3-01 COPIED ✓
Culvert size _____ Culvert flow depth _____ Culvert invert _____ | HY01
High-velocity width _____ | Low-velocity width _____ | 01GR
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____ | 0206
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity 48.3 NTU's
Measured by JN
Date/time 20:13 1-26-01

Location SF ELK, BOHANON | Sampled by ISCO | Date 1-23-01
Rain start time SFMRB | Current weather _____ | Time 14:56 TIME OFF 17:25 ✓
Peak stage _____ | Current stage 1.25 | AFTER NF ELK TRAINING
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

SAMPLES EVERY 3 hours

:00	#01SFMRB	01	4.98 NTU	12:00 08	3.23 NTU
:00		02	4.26 NTU	15:00 09	3.16
:00		03	5.43 NTU	10	30.4
:00		04	4.47 NTU	11	22.6
		05	4.19		
:00		06	4.12		
:00		07	3.07		

Comments: 1-24-01

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location SFMRB | Sampled by ISCO CF/JN | Date 1-20-01
Rain start time _____ | Current weather _____ | Time 17:25 ✓
Peak stage _____ | Current stage _____ | FROM FIELD FORM TRAINING 1-20-01 NF ELK
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

30 m → 01SFMRB01 START 23:25 1-20-01 → #2 01SFMRB02 START 05:25 1-21-01

START TIME

→ #3 1-21-01 11:25
#4 1-21-01 17:25
#5 1-21-01 23:25
#6 1-22-01 05:25
#7 1-22-01 11:25
#8 1-22-01 17:25

START TIME
#9 1-22-01 23:25
#10 1-24-01 10:00
L STAGE 1.60
#11 1-24-01 16:00

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location VAHER | Sampled by JNOELL | Date 1/24/01
Rain start time _____ | Current weather SHOWERS | Time 1406
Peak stage _____ | Current stage 2.7' 8" ↓ CONCRETE RAIL CENTER N SIDE BRIDGE
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: copied & PUT INTO UD CF 4-9-01
Sketch cross-section of channel: BK# 19 H401 COPIED 4-13-01
01GR 0162
Comments:
Turbidity _____ NTU's
Measured by _____
Date/time _____

Location McCready | Sampled by JN | Date 1-25-01
Rain start time _____ | Current weather Showers | Time 15:39
Peak stage _____ | Current stage See HSU discharge
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
HACH 01GR 0381
Sketch map of high and low velocity strands: INSTALLED ISCO, PUMPED SAMPLE 1,2 set Delay for 120 MINUTES. INTERVAL 120 MINUTES ↘ at 15:40
Sketch cross-section of channel:
Comments: #3 SAMPLED 17:40 copied & PUT INTO Freshwater 4-9-01 CF
Turbidity _____ NTU's
Measured by _____
Date/time _____

Location SFEIK MB | Sampled by JN | Date 1-26-01
Rain start time _____ | Current weather Clearing, NO RAIN | Time _____ ✓
Peak stage _____ | Current stage 4.01
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
01GR 0053
Sketch map of high and low velocity strands: ISCO #1 PULLED — NOT PUMPING
Sketch cross-section of channel:
Comments:
Turbidity 56.5 NTU's
Measured by JN
Date/time 2014 1-26-01

Location NF Sampled by Ralph Date 1/27/01
Rain start time — Current weather Clear Time 0945 ✓
Peak stage 8.50 Current stage 4.08 COPIED ELK 4-3-01 #20
Culvert size ____ Culvert flow depth ____ Culvert invert ____ HY01
High-velocity width ____ Low-velocity width ____
Dist.#1 ____ Time #1 ____ Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

#01GR 0175 #22423

Comments:

Turbidity 35.8 NTU's
Measured by CF
Date/time 3-4-01 @ 01:51

Location NF. Sampled by R. Kraus Date 2/2/01
Rain start time ____ Current weather ____ Time 1315 ✓
Peak stage ____ Current stage 1.96
Culvert size ____ Culvert flow depth ____ Culvert invert ____
High-velocity width ____ Low-velocity width ____
Dist.#1 ____ Time #1 ____ Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

01GR 0179 # 22423

Comments:

Turbidity 10.9 NTU's
Measured by CF
Date/time 3-4-01 @ 21:57

Location NF Sampled by Kraus Date 2/11/01
Rain start time ____ Current weather ____ Time 1015 ✓
Peak stage ____ Current stage 4.13
Culvert size ____ Culvert flow depth ____ Culvert invert ____
High-velocity width ____ Low-velocity width ____
Dist.#1 ____ Time #1 ____ Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

.70 rainfall between 0830 2/10 and 0830 2/11
.55 day before.

01GR 0178 #22423

Comments:

Turbidity 475.4 NTU's
Measured by CF
Date/time 3-4-01 @ 21:59

Location NF | Sampled by Kraus | Date 2/19/01
Rain start time 0100? | Current weather raining | Time 1035
Peak stage _____ | Current stage 4.7 ft
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

BLK #21 COPIED 4-13-01 HY 01

.40 in/last 24hrs., 0830-0830

OIGR 0176 #TUM 22423

Comments:

Turbidity 12.5 NTU's
Measured by CF
Date/time 3-4-01 @ 21:53

Location NF | Sampled by Kraus | Date 2/18/01
Rain start time _____ | Current weather Overcast | Time 1030
Peak stage _____ | Current stage 4.36'
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

.50" since 0830 yesterday.
Rain showers 0830, 2/17 to 0830 2/18

OIGR 0180 #22423 TUM

Comments:

Turbidity 50.0 NTU's
Measured by CF
Date/time 3-4-01 @ 21:57

Location NF | Sampled by Kraus | Date 2/19/01
Rain start time _____ | Current weather _____ | Time 1040
Peak stage _____ | Current stage 3.3
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

OIGR 0177 TUM # 22423

Comments:

Turbidity 23.5 NTU's
Measured by CF
Date/time 3-4-01 @ 21:55

Location KRW | Sampled by K. Wrigley | Date 11-13-00
Rain start time 04:00 | Current weather _____ | Time 18:00
Peak stage _____ | Current stage 0.90 | BOTTLE 85
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

No velocity taken

ELK#22 MN01
COPIED 4-13-01

Comments: Rained about 0.5" since 0400 this AM when rain started (Last rain 11-09)

Turbidity 8.42 NTU's
Measured by CF/DVD
Date/time 2-14-01@2015

Location KRW | Sampled by K. Wrigley | Date 01-07-01
Rain start time 18:00 Today | Current weather Overcast & some rain | Time 11:00
Peak stage _____ | Current stage 0.45 | BOTTLE 86
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

No velocity taken - river around low flow level

Comments: Sample taken before it started to rain

Turbidity 0.87 NTU's
Measured by CF/DVD
Date/time 2-14-01@2019

Location KRW | Sampled by K. Wrigley | Date 1-26-01
Rain start time YESTERDAY | Current weather RAIN | Time 06:15
Peak stage _____ | Current stage 4.25' | # 01GR 0087
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

25' in 10 sec } middle 1/3 of river

Comments: OVER AN INCH OF RAIN IN LAST 24

Turbidity 94.3 NTU's
Measured by CF/DVD
Date/time 2-14-01@2022

Location N.F. ELK BRIDGE | Sampled by K. Wrigley | Date 01-29-01
Rain start time (½" in last 24 hrs) | Current weather partly cloudy cool | Time 17:50
Peak stage _____ | Current stage 3.7
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ | BOTTLE 0088
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

ELK #23

COPIED 4-13-01

MEASURED CTR 1/3 OF RVR (FOOTSTIMATION) 20 ft in 10 sec
(DARKNESS FAST APPROACHING)

HYDI

Comments: RAIN PERIODIC OVER LAST WEEK. Specifically over last 24 hrs it rained ½" total & bout 12.00 on 01-28 to 06.00 on 1-29

Turbidity 21.5 NTU's
Measured by CF/DVD
Date/time 2-14-01 @ 2034

✓

Location S. FORK ELK AT BOHANAN | Sampled by K. Wrigley | Date 01-29-01
Rain start time (½" in last 24 hrs) | Current weather cloudy cool | Time 18:00
Peak stage _____ | Current stage 2.75
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ | BOTTLE 0089
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

MEASURED CTR. 1/3 OF RVR - FASTEST PORTION 20' in 6 sec

✓

Comments: SAME AS FOR N.F. BRIDGE

Turbidity 25.6 NTU's
Measured by CF/DVD
Date/time 2-14-01 @ 2028

Location KRW | Sampled by K. Wrigley | Date 01-29-01
Rain start time ½" in last 24 hrs. | Current weather partly cloudy cool | Time 18:10
Peak stage _____ | Current stage 2.30
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ | BOTTLE 0090
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

MEASURED CTR 1/3 OF RVR - FASTEST FLOW ONLY 20' in 6 sec

✓

Comments: SAME AS FOR N.F. BRIDGE ELK RIVER

Turbidity 28.1 NTU's
Measured by CF/DVD
Date/time 2-14-01 @ 2035

Location LSF elk 3mile Bridge Sampled by Seth Fancher Date 2/3/01
Rain start time none in 24hrs Current weather overcast Time 1825
Peak stage ______ Current stage 19' 7" from bridge ELK#24
Culvert size ______ Culvert flow depth ______ Culvert invert ______
COPIED 4-13-01
High-velocity width ______ Low-velocity width ______
Dist.#1 17'8" Time #1 7.30 Dist.#1 ______ Time #1 ______ HY 01
Dist.#2 ↓ Time #2 5.34 Dist.#2 ______ Time #2 ______
Dist.#3 ↓ Time #3 ______ Dist.#3 ______ Time #3 ______
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TJM

#22423

Comments: 01SR 0500 bridge with 17'8"

Turbidity 4.47 NTU's
Measured by SF
Date/time 3/19/01 13:25

Location LSF elk 06#2 Sampled by SF Date 2/19/01
Rain start time none in 36hrs Current weather overcast Time 13:00
Peak stage ______ Current stage 24"
Culvert size ______ Culvert flow depth ______ Culvert invert ______
High-velocity width ______ Low-velocity width ______
Dist.#1 11' Time #1 ______ Dist.#1 ______ Time #1 ______
Dist.#2 11' Time #2 ______ Dist.#2 ______ Time #2 ______
Dist.#3 11' Time #3 ______ Dist.#3 ______ Time #3 ______
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TJM

#22423

Comments: 01ER 0340

Turbidity 5.94 NTU's
Measured by SF
Date/time 3/19/01 13:29

Location LSF elk 06#2 Sampled by Liz G. Date 2/19/01
Rain start time 80 min prior Current weather light rain Time 16:00
Peak stage ______ Current stage ______
Culvert size ______ Culvert flow depth ______ Culvert invert ______
High-velocity width ______ Low-velocity width ______
Dist.#1 ______ Time #1 ______ Dist.#1 ______ Time #1 ______
Dist.#2 ______ Time #2 ______ Dist.#2 ______ Time #2 ______
Dist.#3 ______ Time #3 ______ Dist.#3 ______ Time #3 ______
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments: 0463 01GR

Turbidity ______ NTU's
Measured by ______
Date/time

Location SFELKMRB Sampled by C.F TH Date 2-8-01
Rain start time _____ Current weather _____ Time 16:30
Peak stage _____ Current stage 0.94 ID # ELK # 25
Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED
High-velocity width _____ Low-velocity width _____ 4-13-01
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____ HY01
Sketch map of high and low velocity strands: Sketch cross-section of channel:

SET UP ISCO #1 START 1ST Bottle @ 16:30
CHECKED INTAKE JUST STARTING DRIZZLE
1ST BOTTLE SET 350 ml - not enough
Comments: set to 450 COUNTING DOWN TO #2

TUM #
Turbidity _____ NTU's
Measured by _____
Date/time _____

Location ML Sampled by C.F Date 2-8-01
Rain start time _____ Current weather _____ Time 18:00
Peak stage _____ Current stage 3" H20 ID #
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

EMPTY BARREL WAS SET 120 MIN INT TO VOL #1 all vest good
NO WATER IN BASE BARREL ALL FULL
ISCO # A2612-17

Comments: COUNTING DOWN NXT BOT #1
SET TO START 360 MIN INT @ 2-8-01 24:00

TUM #
Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ Sampled by _____ Date _____
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____ ID #
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM #
Turbidity _____ NTU's
Measured by _____
Date/time _____

Comments:

Watershed Watch / Salmon Forever
ISCO Timed Sampling Field Form

ELK #26
COPIED 4-13-01

HY 01

Location SFMRB By CF
Dump # ISCO # SF#1
Time Interval Set to 360
Turbidities Run Date / Time
Sign-in Sheet Page #
Turbidities By CF
TUM # 22423 Date / Time 2-16-01 12:00
Comments: RUN TURB. ONLY NO SSC

Date / Time ISCO started 2-8-01 16:30
Started at Bottle # 1
Sampling Delay at start? N
Counting Down ? Y
Bottle # Display at start was # 1
Volumes good?
Water in Base? N

HY 01

VAISCO WORKED ON INTAKE

#1 probable intake on bottom invalid

	OIIS ID#	Time	Stage	Turbidity		ID#	Time	Stage	Turbidity
B #1	283	2-8 16:30	0.94	193	B #13	294			52.1
B #2	284			11.0	B #14	295			39.5
B #3	285			6.50	B #15	296			34.4
B #4	286			6.95	B #16	297			25.5
B #5	287			9.53	B #17	298			21.4
B #6	288			28.4	B #18	299			21.8
B #7	289			26.3	B #19		EMPTY		
B #8	290			15.0	B #20	301 ORGANICS			
B #9	291			11.6	B #21	302			15.1
NO # B #10				18.9	B #22	280			15.7
B #11	292		KEEP	219	B #23	281			13.1
B #12	293		KEEP	108	B #24	282			

Location SFMRB By CF
Dump # ISCO # SF#1
Time Interval Set to 360
Turbidities Run Date / Time
Sign-in Sheet Page #
Turbidities By
TUM # Date / Time
Comments: PICK UP 2-24-01 @ 11:30 am

Date / Time ISCO started 2-16-01 @ 13:00
Started at Bottle # 1
Sampling Delay at start? N
Counting Down ? —
Bottle # Display at start was # 1
Volumes good? Y
Water in Base? N

VOL. good

	OIIS ID#	Time	Stage	Turbidity		OIIS ID#	Time	Stage	Turbidity
B #1	0346	13:00 2-16-01	1.31	13.8	B #13	0355			22.5
B #2	0347	2-16-01 19:00		11.1	B #14	0356			18.2
B #3	0348	2-17-01 01:00		10.1	B #15	0296			17.0
B #4	0349			11.8	B #16	0357			16.9
B #5	0350			14.0	B #17	0358			33.1
B #6	0351			37.3	B #18	0359			68.0
B #7	0352			40.8	B #19	0300			56.0
B #8	0353			60.0	B #20	0360			40.0
B #9	0354			38.4	B #21	0361			67.5
B #10	NONE			28.4	B #22	0362			68.6
B #11	0311			23.0	B #23	0281			257
B #12	0310			20.9	B #24	0282			458

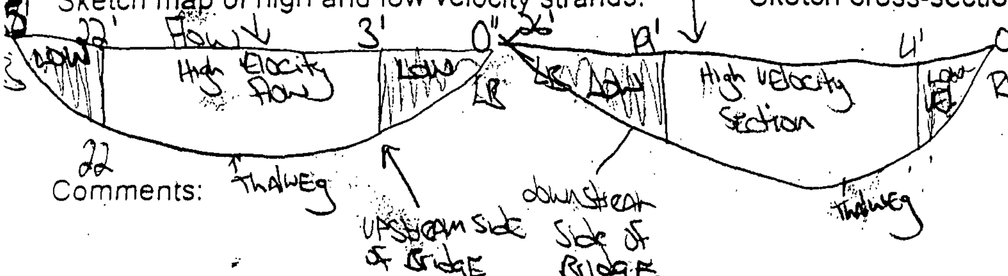
Location 3 Mile Bridge S.F. Elk | Sampled by L.G | Date 2/20/01
Rain start time 0600 | Current weather Overcast | Time 1536
Peak stage | Current stage upstream | ID # 01GR 0641
Culvert size | Culvert flow depth | ~~Culvert invert~~ 18" ← Bridge Invert → downstream 17.8'

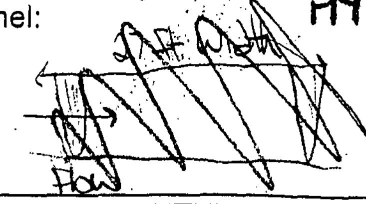
High-velocity width 17' | Low-velocity width 8'

Dist.#1 19.8'	Time #1 4.73s	Dist.#1	Time #1
Dist.#2 19.8'	Time #2 3.64	Dist.#2	Time #2
Dist.#3 19.8'	Time #3 4.30	Dist.#3	Time #3

ELK #27
COP 1-18-01
4-13-01
MYO1

Sketch map of high and low velocity strands: | Sketch cross-section of channel:





Comments:

TUM #

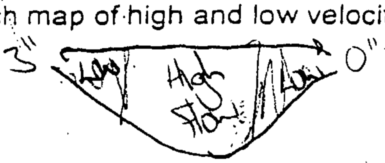
Turbidity ____ NTU's
Measured by
Date/time

Location LSF Elk Site #21 Small Trib. | Sampled by LG | Date 2/20/01
Rain start time 0600 | Current weather drizzle | Time 1637
Peak stage | Current stage | ID # 01GR-0642
Culvert size 14" | Culvert flow depth 1" | Culvert invert 13"

High-velocity width 3" | Low-velocity width 3 in

Dist.#1 2.6'	Time #1 1.63s	Dist.#1	Time #1
Dist.#2 2.6'	Time #2 1.79s	Dist.#2	Time #2
Dist.#3 2.6'	Time #3 1.69	Dist.#3	Time #3

Sketch map of high and low velocity strands: | Sketch cross-section of channel:



TUM # 22423

Turbidity 97.4 NTU's
Measured by CF/EN
Date/time 2-22-01 @ 20:06

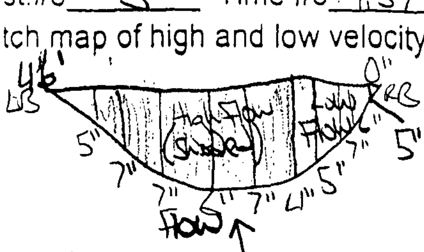
Comments: water has risen since previous day

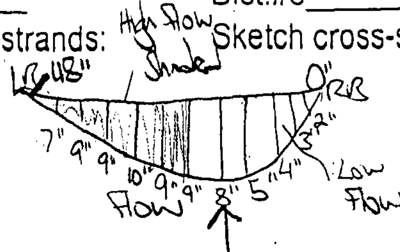
Location SFEK Site # 18 | Sampled by L.G | Date 2/20/01
Rain start time 0600 | Current weather dark clouds | Time 1726
Peak stage | ~~Current stage~~ 7.8" Crest gage | ID # 0643-0GR
Culvert size | Culvert flow depth | Culvert invert

High-velocity width 28" | Low-velocity width 12"

Dist.#1 3 ft	Time #1 1.35	Dist.#1	Time #1
Dist.#2 3'	Time #2 2.22	Dist.#2	Time #2
Dist.#3 3'	Time #3 1.57	Dist.#3	Time #3

Sketch map of high and low velocity strands: | Sketch cross-section of channel:



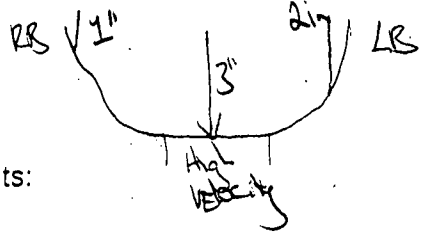


TUM # 22423

Turbidity 36.4 NTU's
Measured by CF/EN
Date/time 2/22/01 @ 2014

Comments:
* Slope of stream beds in drawings do not represent actual bed shape

Location S.F. ELK SITE #3 Sampled by LG Date 2/20/01
Rain start time 0600 Current weather RAIN Time 1400
Peak stage _____ Current stage _____ ID # ELK #38 CODIED 4-13-01
Culvert size 24" Culvert flow depth 3.5" Culvert invert 16.5"
High-velocity width 12" Low-velocity width 5" HY01
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:



Comments:

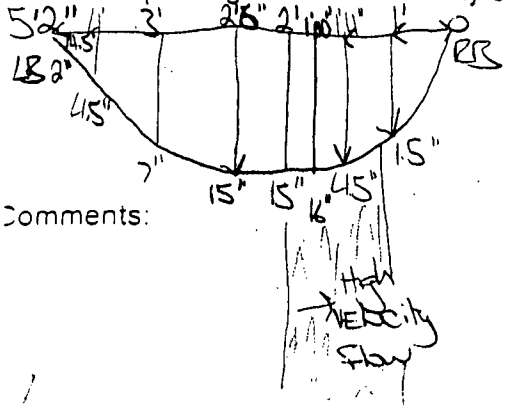
TUM #
Turbidity _____ NTU's
Measured by _____
Date/time _____

Location S.F. ELK SITE #7 Sampled by LG Date 2/20/01
Rain start time 0600 Current weather RAIN Time 1417
Peak stage _____ Current stage _____ ID #
Culvert size 18" Culvert flow depth 5" Culvert invert 13"
High-velocity width [illegible] Low-velocity width [illegible]
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

TUM #
Turbidity _____ NTU's
Measured by _____
Date/time _____

Location SF ELK #18 Sampled by LG Date 2/20/01
Rain start time 0600 Current weather RAIN Drizzle Time 1451
~~Peak stage 8.3"~~ ~~Current stage~~ 8.3" CREST GAGE ID #
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width [illegible] 1'4" Low-velocity width 2'10"
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:



Comments:

TUM #
Turbidity _____ NTU's
Measured by _____
Date/time

Location LSF ELK # 13.5 | Sampled by LG | Date 02/20/01
Rain start time 0600 | Current weather SNOW | Time 1744
Peak stage _____ | Current stage _____ | ID # 01GR-0644
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ | BK #29
High-velocity width _____ | Low-velocity width _____ | COPIED 4-13-01
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____ | MY 01
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

TUM # 22423
Turbidity 154 NTU's
Measured by Seth Ferki
Date/time 2/21/01 1525

Location LSF ELK #2 | Sampled by LG | Date 2-20-01
Rain start time _____ | Current weather _____ | Time 1758
Peak stage _____ | Current stage _____ | ID # 01GR 0645
Culvert size 12" Culvert flow depth 4.5" | Culvert invert 7.5"
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

TUM # 22423
Turbidity 37.3 NTU's
Measured by JK
Date/time 2/21/01

Location SF ELK #7 | Sampled by LG | Date 2/20/01
Rain start time _____ | Current weather RAIN | Time 1810
Peak stage _____ | Current stage _____ | ID # 01GR-0646
Culvert size 18" Culvert flow depth 3" | Culvert invert 15"
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

TUM # 22423
Turbidity 156 NTU's
Measured by KM
Date/time 2/21/01 1540

Location LSFelk eg | Sampled by SF/LA | Date 3/1/01
Rain start time 11:00 3/1/01 light all day | Current weather light rain | Time 22:00
Peak stage _____ | Current stage 22.5" | ID # 016R 0661
Culvert size — | Culvert flow depth — | Culvert invert —
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

FLK # 30
COPIED
4-13-01
14/01

TUM # 22423
Turbidity 17.1 NTU's
Measured by SF
Date/time 3/19/01 13:10

Comments:

Location LSFelk eg | Sampled by SF/LA | Date 3/2/01
Rain start time 11:00AM 3/1 | Current weather Mist-ing | Time 7:00
Peak stage _____ | Current stage 22.5 | ID # 016R 0481
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 20' Time #1 23.11 | Dist.#1 _____ Time #1 _____
Dist.#2 ↓ Time #2 22.51 | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 23.90 | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 22423
Turbidity 10.3 NTU's
Measured by SF
Date/time 3/19/01 13:12

Comments:

Location LSFelk eg | Sampled by SF/LA | Date 3/2/01
Rain start time 11:00 3/1 light | Current weather overcast | Time 4:00
Peak stage _____ | Current stage 22.5 | ID # 0150 016R
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 22423
Turbidity 3.70 NTU's
Measured by SF
Date/time 3/19/01 13:15

Comments:

Location LSFelK OG | Sampled by SF/LG | Date 2-24-01
Rain start time 13:00 | Current weather overcast | Time 13:04
Peak stage 1'1" | Current stage 1Ft crest gage | ID # 016R 0147
Culvert size — | Culvert flow depth — | Culvert invert —
High-velocity width 70" | Low-velocity width 30"
Dist.#1 20' | Time #1 13.34 | Dist.#1 20' | Time #1 12.53
Dist.#2 ↓ | Time #2 14.40 | Dist.#2 ↓ | Time #2 11.65
Dist.#3 | Time #3 13.36 | Dist.#3 | Time #3 16.41
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

BLK #31
COPIED
4-13-01
MY 01

TUM # 22423
Turbidity 6.97 NTU's
Measured by SF
Date/time 3/19/01 12:59

Comments:

Location LSFelK OG | Sampled by SF/LG | Date 2/25/01
Rain start time none in 24hrs | Current weather overcast | Time 12:21
Peak stage — | Current stage 25" Stage Gage @ 10" | ID # 016R 0698
Culvert size — | Culvert flow depth — | Culvert invert —
High-velocity width — | Low-velocity width —
Dist.#1 20' | Time #1 16.63 | Dist.#1 — | Time #1 —
Dist.#2 ↓ | Time #2 13.26 | Dist.#2 — | Time #2 —
Dist.#3 | Time #3 16.97 | Dist.#3 — | Time #3 —
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 22423
Turbidity 5.72 NTU's
Measured by SF
Date/time 3/19/01 13:04

Comments:

Location LSFelK OG | Sampled by SF/LA | Date 3/1/01
Rain start time ~~20:00~~ 18:00 | Current weather rain, not heavy | Time 19:00
Peak stage — | Current stage 22 inches ↑ | ID # 016R 0081
Culvert size — | Culvert flow depth — | Culvert invert —
High-velocity width — | Low-velocity width —
Dist.#1 20' | Time #1 29.53 | Dist.#1 — | Time #1 —
Dist.#2 ↓ | Time #2 26.28 | Dist.#2 — | Time #2 —
Dist.#3 | Time #3 25.47 | Dist.#3 — | Time #3 —
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 22423
Turbidity 5.32 NTU's
Measured by SF
Date/time 3/19/01 ~~11:09~~ 13:09

Comments:

Watershed Watch / Salmon Forever

ISCO Timed Sampling Field Form

ELK #32 COPIED 4-13-01

HY 01

Location SFURB By CF

Dump # ISCO # SF #1

Time Interval Set to 180

Turbidities Run Date / Time

Sign-in Sheet Page #

Turbidities By

TUM # Date / Time

Comments:

Date / Time ISCO started 2-24-01 @ 12:00

Started at Bottle # 1

Sampling Delay at start? NO

Counting Down ? Y

Bottle # Display at start was # 1

Volumes good?

Water in Base?

HY 01

PICK UP 3-1-01 13:00

NFELK @ 4:40 12:09 2-24-01

OIS

	ID#	Time	Stage	Turbidity
B #1	0397	2-24-01 1200	3.39	38.1
B #2	0319	2-24-01 15:00		30.9
B #3	0317	2-24-01 18		31.4
B #4	0315	2-24 21		29.0
B #5	0314	2-24 24		31.3
B #6	NONE	2-25 03		29.3
B #7	0313	2-25 06		27.3
B #8	NONE	2-25 09		26.5
B #9	0312	2-25 12		23.9
B #10	0304	2-25 15		21.8
B #11	0303	2-25 18		21.8
B #12	0305	2-25 21		24.6

OIS

	ID#	Time	Stage	Turbidity
B #13	0306	2-25 24		22.3
B #14	0307	2-26 03		21.0
B #15	0308	2-26 06		20.6
B #16	0309	2-26 09		19.6
B #17	0396	2-26 12		18.8
B #18	0320	2-26 15		17.0
B #19	0316	2-26 18		29.4
B #20	0318	2-26 21		20.7
B #21	0394	2-26 24		EMPTY
B #22	0391	2-27 03		EMPTY
B #23	0390	2-27 06		EMPTY
B #24	0321	2-27 09		EMPTY

Location By

Dump # ISCO #

Time Interval Set to

Turbidities Run Date / Time

Sign-in Sheet Page #

Turbidities By

TUM # Date / Time

Comments:

Date / Time ISCO started

Started at Bottle #

Sampling Delay at start?

Counting Down ?

Bottle # Display at start was #

Volumes good?

Water in Base?

	ID#	Time	Stage	Turbidity
B #1				
B #2				
B #3				
B #4				
B #5				
B #6				
B #7				
B #8				
B #9				
B #10				
B #11				
B #12				

	ID#	Time	Stage	Turbidity
B #13				
B #14				
B #15				
B #16				
B #17				
B #18				
B #19				
B #20				
B #21				
B #22				
B #23				
B #24				

Location NF | Sampled by Kraus | Date 2/21/01
Rain start time _____ | Current weather Scattered Showers | Time 0915
Peak stage _____ | Current stage 4.82 | ELK #34
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____ COPIED 4-13-01
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

OIGR 0619 TUM# 22423

Comments:
.15in. rain 0830 2/20 to 0830 2/21

Turbidity 53.8 NTU's
Measured by CF
Date/time 3-4-01 @ 22:00

Location NF | Sampled by Kraus | Date 2/22/01
Rain start time _____ | Current weather raining | Time _____
Peak stage _____ | Current stage 10.98
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

OIGR 0620 TUM #22423

Comments:
.90 in. rain 0830 2/21 to 0815 2/22

Turbidity 345 NTU's
Measured by CF
Date/time 3-4-01 @ 22:01

Location N.F. | Sampled by Kraus | Date 2/23/01
Rain start time _____ | Current weather Clear | Time 0800
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

.15 in rain 0830 - 0830

OIGR 0621 TUM #22423

Comments:
On my way to town. Good shoes on, Didn't go down through mud to read staff plate.

Turbidity 63.0 NTU's
Measured by CF
Date/time 3-4-01 @ 22:02

Location NF | Sampled by Kraus | Date 2/24/01
Rain start time _____ | Current weather Scattered Clouds | Time 1300
Peak stage _____ | Current stage 4.36 | BK #33
Culvert size _____ Culvert flow depth _____ Culvert invert _____ | COPIED 4-13-01 HY01
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

OIGR 0618 | TUM # 22423

Comments: .15 in rain 0830-0830

Turbidity 31.3 NTU's
Measured by CF
Date/time 3-4-01 @ 22:03

Location _____ | Sampled by Kraus | Date 3/1/01
Rain start time NF | Current weather Overcast | Time 1535
Peak stage _____ | Current stage 1.98
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

OIGR 0617 | TUM # 22423

Comments:

Turbidity 10.1 NTU's
Measured by CF
Date/time 3-4-01 @ 22:05

Location SF (Marci's) | Sampled by Kraus | Date 3/1/01
Rain start time _____ | Current weather Overcast | Time 1600
Peak stage _____ | Current stage 1.58
Culvert size _____ Culvert flow depth _____ Culvert invert _____ | OIGR 0616
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 22423

Comments:

Turbidity 13.0 NTU's
Measured by CF
Date/time 3-4-01 @ 22:07

HY01

Watershed Watch / Salmon Forever ELK # 35

HY 2001 ISCO Timed Sampling Field Form COPIED 4-13-01

Location SFMRB By CF

Dump # ISCO # SF #1

Time Interval Set to 180 MIN

Bottle # Display at start was # 1

Sign-in Sheet Page #

Volumes good? Y

Turbidities By CF 3-6-01 TUM #

Comments:

Date / Time ISCO started 3-1-01 @ 13:00 ✓

Started at Bottle # 1

Sampling Delay at start? N

Counting Down ? Y

Water in Base? NO

Date / Time RALPH SAYS TIMER ON SCHEDULE

TOOK HACH CELL GRAB SAMPLE 3-1-01 13:05 #01GR 0704

NEW INTAKE SET-UP STRUNG ROPE ACROSS & WTS + FLOAT

Bottle #	ID #	Time	Stage	Turbidity
#1	01IS 0398	3-1-01 13:00	1.58	9.05
#2	0399	3-1 16:00		16.3
#3	0402	3-1 19:00		9.28
#4	0404	3-1 22:00		9.53
#5	0407	3-2 01:00		10.4
#6	0408	3-2 04:00		11.6
#7	0411	3-2 07:00		10.8
#8	0412	3-2 10:00	1.70	16.9
#9	0413	3-2 13:00		12.3
#10	0414	3-2 16:00		13.0
#11	0400	3-2 19:00		16.1
#12	0401	3-2 22:00		15.1
#13	0403	3-3 01:00		14.7
#14	0405	3-3 04:00		15.2
#15	0406	3-3 07:00		15.3
#16	0409	3-3 10:00		13.5
#17	0410	3-3 13:00		21.1
#18	0415	3-3 16:00		12.4
#19	0416	3-3 19:00		11.8
#20	0418	3-3 22:00		12.2
#21	0420	3-4 01:00		11.8
#22	0388	3-4 04:00		14.8
#23	0393	3-4 07:00		33.8
#24	0419	3-4 10:00	2.54 rising	53.2
		3-4 13:00	3.51	
		3-4 16:00	4.45	

SWITCH BASES 3-4-01 @ 16:00

Location SEMRB | Sampled by CF | Date 3-1-01
Rain start time _____ | Current weather _____ | Time 13:05
Peak stage _____ | Current stage 1.58 | ID # 01GR 0704
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

ELK #36
COPIED
4-13-01
HY01

START ISCO 13:00 180 MIN INT.

NO SSC

TUM # 02423

Comments:

Turbidity 11.1 NTU's
Measured by CF
Date/time 3-1-01 @ 17:31

Location MC | Sampled by CF | Date 3-1-01
Rain start time _____ | Current weather _____ | Time 16:31
Peak stage _____ | Current stage 74" ↓ CEILING | ID # 01GR ~~0262~~ 0626
Culvert size _____ Culvert flow depth _____ | Culvert invert COLV
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

ISCO CHECK
START ISCO 16:00 180 MIN INT

NO SSC

TUM # 22423

Comments:

Turbidity 11.4 NTU's
Measured by CF
Date/time 3-4-01 @ 08:30

Location FTR | Sampled by CF | Date 3-1-01
Rain start time _____ | Current weather _____ | Time 17:16
Peak stage _____ | Current stage _____ | ID # 01GR 0703
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

NO SSC

OBS-3 13.00
WENT TO 9.0
NEXT WAKE UP

TUM # 22423

Comments:

Turbidity 8.57 NTU's
Measured by CF
Date/time 3-1-01 @ 17:29

Location LSFclk 06 Sampled by SF/LA Date 3/2/01
Rain start time 11:00 3/1 light Current weather light rain Time 7:00
Peak stage _____ Current stage 22.0" ↓ BLK #37 0158 0501
Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-13-01 HY 01
High-velocity width _____ Low-velocity width _____
Dist.#1 20' Time #1 25.11 Dist.#1 _____ Time #1 _____
Dist.#2 " Time #2 27.45 Dist.#2 _____ Time #2 _____
Dist.#3 ↓ Time #3 27.65 Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUR 22423

Comments:

Turbidity 5.99 NTU's
Measured by SF
Date/time 3/19/01 13:17

Location LSFclk 06 Sampled by SF/LA Date 3/2/01
Rain start time 11:00 light rain Current weather overcast Time 10:00 0158 0699
Peak stage _____ Current stage 21.5" ↓
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUR #22423

Comments:

Turbidity 4.77 NTU's
Measured by SF
Date/time 3/19/01 13:20

Location _____ Sampled by _____ Date _____
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

COPIED & PUT IN FRESHWATER 4-9-01 CF

HY 01

Watershed Watch / Salmon Forever
ISCO Timed Sampling Field Form

BLK # 38, HY01 ✓

COPIED 4-13-01

Location MC By CF

Date / Time ISCO started 3-1-01 16:30

Dump # ISCO # SF #2

Started at Bottle # 1

Time Interval Set to 180

Sampling Delay at start? N

Bottle # Display at start was # 1

Counting Down ? Y

Sign-in Sheet Page #

Water in Base? Y overflowed @ #12

Volumes good?

Turbidities By JR TUM # Date / Time

Comments: BROUGHT NEW BATTERY

ISCO #4 PUT IN SERVICE ISCO #2 OUT

supplemental field form

LEAVING BOTTLES 13 THRU 24 IN ISCO

Bottle #	ID #	Time	Stage	Turbidity	
#1	01IS 0468	3-1-01 16:30	74"↓ 0.62	14.9	
#2	0455	3-1-01 19:30		9.12	
#3	0477	3-1-01 22:30		9.63	
#4	0457	3-2-01 01:30		9.39	
#5	0457	3-2-01 04:30		21.4	
#6	0454	3-2-01 07:30		42.9	
#7	0453	3-2-01 10:30		69.2	SAVE
#8	0459	3-2-01 13:30		76.3	SAVE
#9	0456	3-2-01 16:30		47.3	SAVE
#10	0460	3-2-01 19:30		32.8	
#11	0465	3-2-01 22:30		66.2	SAVE
#12	01446	———	OVERFLOW	———	
#13					
#14					
#15					
#16					
#17					
#18					
#19					
#20					
#21					
#22					
#23					
#24					

ISCO Timed FF 2-25-01/excel98/cf/2-25-01

DISTRIBUTION ARM STOPPED @ 12 & KEPT PUMPING. DO NOT ADVANCE

REPLACED BOTTLES #1-#12 = 0.62"

KEPT #13-#24 IN BARREL - ALL CLEAN

FROM BOTTOM OF CULVERT BRIDGE TO H2O SURFACE = 73"

UPSTREAM HATCHERY PLATE > 3-11-01

Watershed Watch / Salmon Forever ELK# 39 ✓

HY 01 ISCO Timed Sampling Field Form COPIED 4-13-01

Location SFMRB By CF

Date / Time ISCO started 3-4-01 @ 16:00

Dump # ISCO # SF #1

Started at Bottle # 1

Time Interval Set to 180 MIN

Sampling Delay at start? N

Bottle # Display at start was # 1

Counting Down ? Y

Sign-in Sheet Page #

Water in Base? N

Volumes good? GOOD NEW INTAKE

Turbidities By CF 3-12-01 TUM # Date / Time

Comments: PICK UP 3-12-01 11:32

TAKE HACH 0160 0739 817 NTU ISCO BASE @ 10.50 ELEV.

Bottle #	ID #	Time	Stage	Turbidity	
#1	01IS 0471	3-4-01 16:00	4.45	219	RISING
#2	01IS 0472	3-4-01 19:00		153	
#3	01IS 0473	3-4-01 22:00		489	
#4	01IS 0474	3-5-01 01:00		279	
#5	01IS 0469	3-5-01 04:00		155	
#6	0475	3-5-01 07:00		104	
#7	0476	3-5-01 10:00		77.2	
#8	0477	3-5-01 13:00		66.4	
#9	0478	3-5-01 16:00		55.0	
#10	0479	3-5-01 19:00		45.4	
#11	0480	3-5-01 22:00		42.5	
#12	0481	3-6-01 01:00		37.3	
#13	0482	3-6-01 04:00		30.2	
#14	0483	3-6-01 07:00		31.7	
#15	0484	3-6-01 10:00		30.4	
#16	0485	3-6-01 13:00		25.8	
#17	0486	3-6-01 16:00		23.5	
#18	0487	3-6-01 19:00		24.9	
#19	0488	3-6-01 22:00		25.5	
#20	0470	3-7-01 01:00		22.9	
#21	0387	3-7-01 04:00		21.0	
#22	0450	3-7-01 07:00		20.7	
#23	0444	3-7-01 10:00		19.6	
#24	0451	3-7-01 13:00		18.1	

w/ E.N./D.V.

Location LSFelk 00 Sampled by SF Date 3/5/01
Rain start time 20:00 3/3 Current weather clear Time 4 AM
Peak stage ____ Current stage * ELK #40 010R 0695
Culvert size – Culvert flow depth – Culvert invert – COPIED 4-13-01
High-velocity width ____ Low-velocity width ____
Dist.#1 ____ Time #1 ____ Dist.#1 ____ Time #1 ____ TY 01
Dist.#2 ____ Time #2 ____ Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

* Stage unreachable
23" from center rock before cascade

TUM#
#22423

Comments:

Turbidity 15.1 NTU's
Measured by SF
Date/time 3/19/01 12:49

Location LSFelk 06 Sampled by SFarhi Date 3/5/01
Rain start time 20:00 3/3 Current weather clear Time 7 AM
Peak stage 28.5" Current stage * 010R 0485
Culvert size – Culvert flow depth – Culvert invert –
High-velocity width ____ Low-velocity width ____
Dist.#1 ____ Time #1 ____ Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

* Stage unreachable
22" from center rock before cascade

TUM#
#22423

Comments:

Turbidity 11.9 NTU's
Measured by Seth Farhi
Date/time 3/19/01 12:52

Location ____ Sampled by ____ Date ____
Rain start time ____ Current weather ____ Time ____
Peak stage ____ Current stage ____
Culvert size ____ Culvert flow depth ____ Culvert invert ____
High-velocity width ____ Low-velocity width ____
Dist.#1 ____ Time #1 ____ Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity ____ NTU's
Measured by ____
Date/time

Location LSFelk 06 | Sampled by SF | Date 3/4/01

Rain start time 20:00 3/3 | Current weather rain - ish | Time 20:30

Peak stage _____ | Current stage 2.80 ↑ | 0108 0486

Culvert size — | Culvert flow depth — | Culvert invert —

High-velocity width _____ | Low-velocity width FLK#41

Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 COPIED

Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 4-13-01

Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel: HFI D1

TUR

#22423

Comments:

Turbidity 11.6 NTU's

Measured by SF

Date/time 3/19/01 12:39

Location LSFelk 05 | Sampled by SF | Date 3/4/01

Rain start time 20:00 3/3 | Current weather overcast | Time 22 pm 22:00 2200

Peak stage _____ | Current stage * | 0168 0482

Culvert size _____ | Culvert flow depth _____ | Culvert invert _____

High-velocity width _____ | Low-velocity width _____

Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____

Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____

Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

*Stage level unreachable 22" from center rock before cascade

TUR

#22423

Comments:

Turbidity 11.6 NTU's

Measured by SF

Date/time 3/19/01 12:42

Location LSFelk 04 | Sampled by SF | Date 3/5/01

Rain start time 20:00 3/3 | Current weather overcast | Time 1 AM

Peak stage _____ | Current stage * | 0168 0640

Culvert size _____ | Culvert flow depth _____ | Culvert invert _____

High-velocity width _____ | Low-velocity width _____

Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____

Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____

Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

*Stage unreachable 23.5" from center rock before cascade

TUR

#22423

Comments:

Turbidity 28.3 NTU's

Measured by SF

Date/time 3/19/01 12:46

Location LSFelK 06 | Sampled by SF | Date 3/4/01
Rain start time 20:00 3/3 | Current weather light rain | Time 16:00
Peak stage _____ | Current stage 26.5" ↑ | ID # 01GR 0925
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

ELK #42
COPIED
4-13-01
HYDI

TUM # 22423
Turbidity 16.6 NTU's
Measured by SF
Date/time 3/19/01 12:31

Comments:

Location LSFelK 06 | Sampled by SF | Date 3/4/01
Rain start time 20:00 3/3 | Current weather light rain | Time 17:30
Peak stage _____ | Current stage 27.0" ↑ | ID # 01GR 0484
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 22423
Turbidity 11.1 NTU's
Measured by Sfarhi
Date/time 3/19/01 12:33

Comments:

Location LSFelK 06 | Sampled by SF | Date 3/4/01
Rain start time 20:00 3/3 | Current weather Rain | Time 19:00
Peak stage _____ | Current stage 27.5" ↑ | ID # 01GR 0659
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 22423
Turbidity 21.0 NTU's
Measured by SF
Date/time 3/19/01 12:35

Comments:

Location LSFelk 06 Sampled by SF Date 3/4/01
Rain start time 20:00 3/3 Current weather Rain Time 10:00
Peak stage _____ Current stage 23" ↑ ID # 016R 0148
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

ELK 1143
COPIED
4-13-01
HY01

TUM # 22423
Turbidity 6.08 NTU's
Measured by SF
Date/time 3/19/01 12:18

Comments:

Location LSFelk 06 Sampled by SF Date 3/4/01
Rain start time 20:00 3/3 Current weather Overcast Time 13:00
Peak stage _____ Current stage 25" ↑ ID # 016R 0149
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM # 22423
Turbidity 12.0 NTU's
Measured by SF
Date/time 3/19/01 12:22

Comments:

Location LSFelk 06 Sampled by SF Date 3/4/01
Rain start time 20:00 3/3 Current weather Overcast Time 14:30
Peak stage _____ Current stage 25" ID # 016R 0726
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM # 22423
Turbidity 11.6 NTU's
Measured by Seth Fuehi
Date/time 3/19/01 12:27

Comments:

Location BET 1 Sampled by CF Date 3-4-01
Rain start time _____ Current weather _____ Time 13:26
Peak stage _____ Current stage 0.50 ID # 01G
Culvert size _____ Culvert flow depth _____ Culvert invert _____ 0724
High-velocity width _____ Low-velocity width _____ 1401
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____ COPIED & PUT IN
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____ BET 4-9-01 C.F.
Sketch map of high and low velocity strands: Sketch cross-section of channel:

73" bridge deck to water surface ELK # 44 COPIED 4-13 01

TUM # 02423

Comments: w/ Discharge

Turbidity 12.9 NTU's
Measured by CF
Date/time 3-4-01 @ 21:45

Location SF MRB Sampled by CF Date 3-4-01
Rain start time _____ Current weather _____ Time 16:00
Peak stage _____ Current stage 4.45 ID # 01GR
Culvert size _____ Culvert flow depth _____ Culvert invert _____ 0739
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

rising start ISCO @ 16:00 180 MIN INT.

TUM # 22423

Comments:

Turbidity 217 NTU's
Measured by CF
Date/time 3-4-01 @ 21:47

Location NF ELK Sampled by CF Date 3-4-01
Rain start time _____ Current weather _____ Time 16:17
Peak stage _____ Current stage ~~1.7~~ 7.21 ID # 01GR
Culvert size _____ Culvert flow depth _____ Culvert invert _____ 0736
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

14.0' ↓ TOP BR. RAIL

TUM # 22423

Comments:

Turbidity 218 NTU's
Measured by CF
Date/time 3-4-01 @ 21:49

Location KRW Sampled by CF Date 3-4-01
Rain start time ______ Current weather ______ Time 16:30
Peak stage ______ Current stage 5.28 ID # 01GR
Culvert size ______ Culvert flow depth ______ Culvert invert ______ 0735
High-velocity width ~~10~~ Low-velocity width ______ EK#45
Dist.#1 10' Time #1 5.87 Dist.#1 ______ Time #1 ______
Dist.#2 ______ Time #2 4.75 Dist.#2 ______ Time #2 ______ COPIED
Dist.#3 ______ Time #3 5.23 Dist.#3 ______ Time #3 ______ 4-13-01
Sketch map of high and low velocity strands: Sketch cross-section of channel: H4 01

3'± below ALDER BRANCH

TUM # 22423

Comments:

Turbidity 296 NTU's
Measured by CF
Date/time 3-4-01 @ 21:50

Location ______ Sampled by ______ Date ______
Rain start time ______ Current weather ______ Time ______
Peak stage ______ Current stage ______ ID #
Culvert size ______ Culvert flow depth ______ Culvert invert ______
High-velocity width ______ Low-velocity width ______
Dist.#1 ______ Time #1 ______ Dist.#1 ______ Time #1 ______
Dist.#2 ______ Time #2 ______ Dist.#2 ______ Time #2 ______
Dist.#3 ______ Time #3 ______ Dist.#3 ______ Time #3 ______
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM #

Comments:

Turbidity ______ NTU's
Measured by ______
Date/time ______

Location ______ Sampled by ______ Date ______
Rain start time ______ Current weather ______ Time ______
Peak stage ______ Current stage ______ ID #
Culvert size ______ Culvert flow depth ______ Culvert invert ______
High-velocity width ______ Low-velocity width ______
Dist.#1 ______ Time #1 ______ Dist.#1 ______ Time #1 ______
Dist.#2 ______ Time #2 ______ Dist.#2 ______ Time #2 ______
Dist.#3 ______ Time #3 ______ Dist.#3 ______ Time #3 ______
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM #

Comments:

Turbidity ______ NTU's
Measured by ______
Date/time ______

SUN

Location SFMB SFMRB | Sampled by CF/EN/DN | Date 3-11-01
Rain start time _____ | Current weather SUNNY | Time 12:29
Peak stage _____ | Current stage 1.46 | ID # 01GR 0805
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

EHR FF46
COPIED 4-13-01

TUM # 22423
Turbidity 8.51 NTU's
Measured by CF/EN
Date/time 3/11/01 14:40

Comments: W/ DISCHARGE

Location NFELK | Sampled by EN | Date 3.11.01
Rain start time _____ | Current weather SUNNY/CLEAR | Time 13:39
Peak stage _____ | Current stage _____ | ID # 01GR 0806
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 20'10" Time #1 SC E3 | Dist.#1 20'10" Time #1 19.91
Dist.#2 20'10" Time #2 33.38 } LOWEST | Dist.#2 _____ Time #2 _____
Dist.#3 20'10" Time #3 28.97 | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 22423
Turbidity 10.5 NTU's
Measured by CF/EN
Date/time 3/11/01 14:40

Comments: W/ DISCHARGE

Location HH | Sampled by EN | Date 3/11/01
Rain start time _____ | Current weather SUNNY/CLEAR | Time 14.45
Peak stage _____ | Current stage 1.45 | ID # 01GR 0807
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 23'10" Time #1 18.97 V=1.26 ft/s | Dist.#1 _____ Time #1 _____
Dist.#2 23.833' Time #2 18.31 V=1.30 | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 19.54 V=1.22 ft/s | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

$V_{AVE} = 1.26$ ft/s

COPIED & PUT IN FRESHWATER 4-9-01 CF

TUM # 22423
Turbidity 8.50 NTU's
Measured by CF EN
Date/time 3/11/01 14:47

Comments: W/ DISCHARGE

ELK #48 HY01

HY 01

Watershed Watch / Salmon Forever
ISCO Timed Sampling Field Form COPIED 4-13-01

Location SFMRB By C. FENTON Date / Time ISCO started 3-24-01 16:30

Dump # ISCO # Started at Bottle # 1

Time Interval Set to 180 MIN Sampling Delay at start? N

Bottle # Display at start was # 1 Counting Down ? Y

Sign-in Sheet Page # Water in Base? N

Volumes good? Y PICK UP 4-2-01 w/ Jesse

Turbidities By CF 4-2-01 TUM # Date / Time DO DISCHARGE

Comments:

KEPT BATTERY
NO TAPE IN BASE

Bottle #	ID # 01S	Time	Stage	Turbidity
#1	0505	3-24-01 16:30	0.97	6.85
#2	0506	19:30		7.75
#3	0507	22:30		15.6
#4	0508	3-25-01 1:30		24.6
#5	0509	4:30		73.0
#6	0498	7:30		60.2
#7	0497	10:30		64.9
#8	0496	13:30		46.3
#9	0511	16:30		35.6
#10	0495	19:30		29.6
#11	0494	22:30		25.6
#12	0492	3-26-01 01:30		21.9
#13	0491	4:30		19.7
#14	493	7:30		16.7
#15	489	10:30		14.7
#16	490	13:30		13.5
#17	488	16:30		12.6
#18	499	19:30		16.3
#19	500	22:30		11.9
#20	501	3-27-01 01:30		12.4
#21	510	4:30		11.2
#22	502	7:30		9.85
#23	503	10:30		8.77
#24	504	3-27-01 13:30		8.88

HY 01

Watershed Watch / Salmon Forever
ISCO Timed Sampling Field Form

ELK #47 HY01
COPIED 4-13-01

Location LSFOG By CF EN
Dump # ISCO # SF 14
Time Interval Set to 180 MIN
Bottle # Display at start was # 1
Sign-in Sheet Page #
Volumes good?
Turbidities By TUM #
Comments:

Date / Time ISCO started 14:15 . 3-24-01
Started at Bottle # 1
Sampling Delay at start? NJ
Counting Down ? Y
Water in Base? NJ
Date / Time

Bottle #	ID #	Time	Stage MP	Turbidity
#1			19.75 36"	
#2				
#3				
#4				
#5				
#6				
#7				
#8				
#9				
#10				
#11				
#12				
#13				
#14				
#15				
#16				
#17				
#18				
#19				
#20				
#21				
#22				
#23				
#24				

ISCO Timed FF 2-25-01/excel98/cf/2-25-01

ALREADY STARTED IN SIGN-IN SHEET FILL-IN CF 4-13-01

Location SFMRB | Sampled by CF / JN | Date 4-2-01
Rain start time _____ | Current weather P. CLOY | Time 14:00
Peak stage _____ | Current stage 1.31 | ID # 01GR 0622
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

FILE #47 COPIED 4-13-01 HH01

TUM # 22423
Turbidity 5.23 NTU's
Measured by CF
Date/time 4-2-01 @ 14:30

Comments: W/ DISCHARGE & ISCO START @ 14:00

Location NFELK | Sampled by C.F / J.N | Date 4-2-01
Rain start time _____ | Current weather _____ | Time 14:47
Peak stage _____ | Current stage 1.82 | ID # 01GR 0623
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 22423
Turbidity 7.90 NTU's
Measured by CF
Date/time 4-2-01 @ 19:38

Comments: 19.25' @ BRIDGE RAIL TO WATER SURFACE

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____ | ID #
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM #
Turbidity _____ NTU's
Measured by _____
Date/time

Comments:

BK #50 HY01
COPIED 4-13-01

HY 01

Watershed Watch / Salmon Forever
ISCO Timed Sampling Field Form

Location SFMRB By C. FENTON Date / Time ISCO started 4-6-01 @ 13:30

Dump # ISCO # 1 Started at Bottle # 1

Time Interval Set to 180 Sampling Delay at start? N

Bottle # Display at start was # 1 Counting Down ? Y

Sign-in Sheet Page # Water in Base? N

Volumes good?

Turbidities By TUM # Date / Time

Comments:

RAIN STARTING

Bottle #	ID #	Time	Stage	Turbidity
#1		4-6-01 13:30	1.29	
#2				
#3				
#4				
#5				
#6				
#7				
#8				
#9				
#10				
#11				
#12				
#13				
#14				
#15				
#16				
#17				
#18				
#19				
#20				
#21				
#22				
#23				
#24				

ALREADY STARTED IN SIGN-IN SHEET FILE
CF 4-13-01

COPY SET 3

Location BEITH/GERONEIS | Sampled by C.F | Date 10-19-00
Rain start time _____ | Current weather _____ | Time @ 17:30
Peak stage _____ | Current stage 0.26 | FRESH WATER #1 ✓
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ | COPIED 4-14-01 HY01
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

COPIED + PUT IN BET FILE OF 4-14-01

Sketch map of high and low velocity strands:

New Staff Plate Installation w/ JB/J.N.
1-3 footer PLATE 70' UPSTREAM OF WOOD BRIDGE AT UPPER END OF PROPERTY

Sketch cross-section of channel:

Comments:
BASELINE ID# 01GR 0002

Turbidity 0.69 NTU's
Measured by C.F
Date/time 10-19-00 17:32

Location FTR | Sampled by C.F | Date 10-19-00
Rain start time _____ | Current weather _____ | Time 18:47 ✓
Peak stage _____ | Current stage 0.24
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:
BASE LINE

Sketch cross-section of channel:

Comments:
ID# 01GR 0003

Turbidity 0.79 NTU's
Measured by C.F.
Date/time 10-19-00 18:48

Location 66 | Sampled by C.F. | Date 10-19-00
Rain start time _____ | Current weather _____ | Time 20:24 ✓
Peak stage _____ | Current stage 0.25
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:
BASELINE

Sketch cross-section of channel:

Comments:
ID# 01GR 0004

Turbidity 1.15 NTU's
Measured by C.F.
Date/time 10-19-00 @ 20:27

Location HH | Sampled by C.F. | Date 10-18-00
Rain start time | Current weather | Time 17:34
Peak stage | Current stage 0.92 NEW PLATE 10-18-00
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
FRESHWATER #2 COPIED 4-14-01 HW 01

Sketch map of high and low velocity strands:

BASE LINE

Sketch cross-section of channel:

10-18-00

Comments:
ID# 01GR # 0001

Turbidity 3.46 NTU's
Measured by C.F
Date/time 10-18-00 17:38

Location FTR | Sampled by C.F. | Date 10-21-00
Rain start time | Current weather | Time 11:15
Peak stage | Current stage 0.370
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
DATALOGGER TIME 1 hr back

Sketch map of high and low velocity strands:

WORKING ON STATION - DIGGING CHANNEL TO BOOM TOOK DISCHARGE

WATER WILL COME OVER BAR @ 0.5/0.6'

Sketch cross-section of channel:

Comments:
ID# 01GR # 0005

Turbidity 0.92 NTU's
Measured by C.F.
Date/time 10-21-00 11:15

Location 66 | Sampled by C.F / J.B. | Date 10-21-00
Rain start time | Current weather | Time 12:55
Peak stage | Current stage 0.280
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3

Sketch map of high and low velocity strands:

DISCHARGE CULVERT W/ BUCKET

Sketch cross-section of channel:

2 STRANDS

TOTAL .15 CFS

.08 CFS w/ J.B

RT		LT	
0.50	6.54	0.45	5.80
	6.90	0.50	6.80
↓	7.38	↓	5.99
	7.47		6.04
	7.46		6.19
	7.28		6.24
	7.34		5.78
	7.04		5.46
	7.41		5.81
	3.29		

$\bar{x} = 7.16$

= .07 CFS

Comments:
ID# 01GR 0006

Turbidity 0.78 NTU's
Measured by C.F
Date/time 10-21-00 12:56

Location HH | Sampled by C.F | Date 10-21-00
Rain start time _____ | Current weather _____ | Time 13:33
Peak stage _____ | Current stage 1.07 - NEW STAFF PLATE FWATER2 #3 COPIED 4-14-01 HY01
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

J.B/C.F. Installing rest of staff plates
NO SSC SAMPLE KEPT

Comments:
10# OIGR 250

Turbidity 2.90 NTU's
Measured by C.F.
Date/time 10-21-00 13:37

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location HH | Sampled by C.F. | Date 10-29-00
Rain start time _____ | Current weather _____ | Time 14:27
Peak stage _____ | Current stage 1.11 | FWATER # 4
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ | COPIED 4-14-01
High-velocity width _____ | Low-velocity width _____ | HY01
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:
10# 01 GR 0101

Turbidity 2.01 NTU's
Measured by C.F
Date/time 12-3-00@20:45

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

HOWARD HEIGHTS BRIDGE (FRESHWATER CREEK)

Location HHB | Sampled by BOB | Date 30 OCT 2000
Rain start time _____ | Current weather CLOUDY | Time 0740
Peak stage _____ | Current stage 01.35 ↑ FWATER#5 ✓ COPIED 4-14-01 MY 01
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

T #22423

Comments: SAMPLE NO. 0IGR (0151)
1.00" of rain from (28 oct 0800) To 30 oct 0740

Turbidity 15.4 NTU's
Measured by C.F.
Date/time 12-17-00 @ 20:10

Location HHB | Sampled by BOB | Date 13 NOV
Rain start time ~~12 Nov. Eve~~ 13 NOV 7:00 AM +/- | Current weather Light RAIN | Time 0810 ✓
Peak stage _____ | Current stage 1.01' A?
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

T #02423

Comments: SAMPLE 0154

Turbidity 2.45 NTU's
Measured by C.F.
Date/time 12-17-00 @ 20:12

Location H.H. Bridge | Sampled by Bob | Date 13NOV
Rain start time _____ | Current weather RAIN | Time 1655 ✓
Peak stage _____ | Current stage 1.40'
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TOM #22423

Comments: SAMPLE NO. 0152
0.9" of rain since start of storm

Turbidity 35.5 NTU's
Measured by C F
Date/time 12-17-00 @ 20:15

Location FTR Sampled by C.F. Date 11-9-00
Rain start time _____ Current weather _____ Time 17:01
Peak stage _____ Current stage 0.480 FWATER #6 COMED 4-14-01
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____ NY01
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

NO SSC

SAMPLE ID # 01GR 119

Comments:
MACH CHECK OF OBS-3
OBS-3 2.0 NTU

Turbidity 2.12 NTU's
Measured by C.F.
Date/time 11-9-00 @ 17:07

Location FTR Sampled by C.F. Date 11-18-00 TUES
Rain start time _____ Current weather _____ Time 15:30
Peak stage _____ Current stage 0.50 11-14-00 C.F. ✓
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

ID # 01 GR 0120 NO SSC

#22423

Comments:
OBS-3 CHK.

Turbidity 9.40 NTU's
Measured by C.F.
Date/time 11-15-00 @ 15:35

Location ~~GG~~ GG Sampled by C.F (14) Date 11-15-00
Rain start time _____ Current weather _____ Time 16:11 14
Peak stage _____ Current stage 0.39 ✓
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

#22423

ID # 01 GR 117

Comments:

NO SSC

Turbidity 5.55 NTU's
Measured by C.F
Date/time 11-15-00 1615
14

14

Location HH Sampled by _____ Date 11-15-00

Rain start time _____ Current weather _____ Time 16:20

Peak stage _____ Current stage 1.08 FWATER #7 ✓

Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-14-01

High-velocity width _____ Low-velocity width _____ MY01

Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____

Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____

Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

#22423

Comments:

ID # 01GR 116

Turbidity 11.8 NTU's

Measured by C.F

Date/time 11-15-00 16:22

Location _____ Sampled by _____ 14 Date _____

Rain start time _____ Current weather _____ Time _____

Peak stage _____ Current stage _____

Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____ Low-velocity width _____

Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____

Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____

Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's

Measured by _____

Date/time _____

Location _____ Sampled by _____ Date _____

Rain start time _____ Current weather _____ Time _____

Peak stage _____ Current stage _____

Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____ Low-velocity width _____

Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____

Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____

Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's

Measured by _____

Date/time

Location Howard Hgts. Bridge | Sampled by Bob | Date 14 Nov
Rain start time _____ | Current weather Pt. Cloudy | Time 0705
Peak stage _____ | Current stage 1.70' | FWATER #8 CODED 4-14-01 MY DI
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

T# 22423

Comments:

Sample# 0153

Turbidity 35.2 NTU's
Measured by C.F.
Date/time 12-17-00 @ 2025

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location HH Sampled by TLC Date 11/29/00
Rain start time late night Current weather clearing? Time 3:00 PM
Peak stage _____ Current stage 2.22 FWATER #9 ✓
Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-14-01
HY 01

High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

bottle # 0190

22423

Comments: bush caught up on stage staff...

Turbidity 51.0 NTU's
Measured by C.F.
Date/time 12-17-00 @ 20:02

Location HH Sampled by TLC Date 12/11/00
Rain start time ~8:45AM Current weather showering Time 12 noon ✓
Peak stage _____ Current stage 1.00
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

bottle # 0191

Creek low + slow, storms predicted soon

T # 22423

Comments:

Turbidity 1.73 NTU's
Measured by C.F.
Date/time 12-17-00 @ 20:08

Location _____ Sampled by _____ Date _____
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location HH Freshwtr. Creek Sampled by TJSa Date Nov. 13 · 00
Rain start time last night 11/12 Current weather Raining Time 3:00 PM
Peak stage (snowed in Kneeland) Current stage 1.25 FWATER #1D
Culvert size Culvert flow depth Culvert invert COPIED 4-14-01
High-velocity width Low-velocity width HY01
Dist.#1 Time #1 Dist.#1 Time #1
Dist.#2 Time #2 Dist.#2 Time #2
Dist.#3 Time #3 Dist.#3 Time #3
Sketch map of high and low velocity strands: Sketch cross-section of channel:

bottle # 0187
01GR

TUM #22423

Comments:

Turbidity 14.6 NTU's
Measured by C.F.
Date/time 11-19-00 @ 1245

Location HH Sampled by TLC Date 11/14/00
Rain start time 11/12 - very early AM Current weather off + on sprinkles Time 2:40 PM
Peak stage Current stage 1.56 ✓
Culvert size Culvert flow depth Culvert invert
High-velocity width Low-velocity width
Dist.#1 Time #1 Dist.#1 Time #1
Dist.#2 Time #2 Dist.#2 Time #2
Dist.#3 Time #3 Dist.#3 Time #3
Sketch map of high and low velocity strands: Sketch cross-section of channel:

bottle # 0188
01GR

TUM # 22423

Comments:

Turbidity 22.6 NTU's
Measured by C.F.
Date/time 11-19-00 @ 12:47

Location HH Sampled by TLC Date 11/23/00
Rain start time ~11:00 AM today Current weather light rain Time 3:25 PM
Peak stage Current stage 1.13 ✓
Culvert size Culvert flow depth Culvert invert
High-velocity width Low-velocity width
Dist.#1 Time #1 Dist.#1 Time #1
Dist.#2 Time #2 Dist.#2 Time #2
Dist.#3 Time #3 Dist.#3 Time #3
Sketch map of high and low velocity strands: Sketch cross-section of channel:

bottle # 0189

T #22423

Comments:

Turbidity 7.81 NTU's
Measured by C.F.
Date/time 12-17-00 @ 20:02

Location FTR | Sampled by C.F | Date 11-19-00
Rain start time | Current weather | Time 15:01
Peak stage | Current stage 0.35 FWATER # 11
Culvert size | Culvert flow depth | Culvert invert COPIED 4-14-01 MY01
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

NO SSC

#22423

Comments:
ID# 01 GR 0126

Turbidity 1.46 NTU's
Measured by C.F.
Date/time 11-19-00 15:04

Location | Sampled by | Date
Rain start time | Current weather | Time
Peak stage | Current stage
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity NTU's
Measured by
Date/time

Location | Sampled by | Date
Rain start time | Current weather | Time
Peak stage | Current stage
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity NTU's
Measured by
Date/time

FRESHWATER STREAM

Location HOWARD HEIGHTS BRIDGE | Sampled by BOB | Date NOV 29, 00
Rain start time NOV 28 EVENING | Current weather CLOUDY | Time 0755
Peak stage _____ | Current stage 1.78ft RISING
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

FWATER #12
CODED 4-14-01
HY 01

TOM #02423

Comments: 01GR (0155)
0.96" of rain since start of rain

Turbidity 61.8 NTU's
Measured by C.F.
Date/time 12-17-00 @ 20:17

Location H.H BRIDGE | Sampled by BOB | Date NOV 29
Rain start time NOV 28 EVE. | Current weather CLOUDY | Time 1640
Peak stage _____ | Current stage 2.10ft
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

✓

#22423

Comments: 01GR (0156)
1.00" of rain since start of storm

Turbidity 57.2 NTU's
Measured by C.F.
Date/time 12-17-00 @ 20:20

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

OVER

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location HOWARD HTS BRIDGE Sampled by _____ Date 30 NOV

Rain start time NOV 28 EVE Current weather MOSTLY CLOUDY Time 0800

Peak stage _____ Current stage 1.70 ft FWATER # 13

Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-14-01

High-velocity width _____ Low-velocity width _____ HY01

Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____

Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____

Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

T # 22423

Comments: #0157

1.05" Rainfall since start of storm

Turbidity 30.0 NTU's

Measured by C.F

Date/time 12-17-00 @ 20:23

Location _____ Sampled by _____ Date _____

Rain start time _____ Current weather _____ Time _____

Peak stage _____ Current stage _____

Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____ Low-velocity width _____

Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____

Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____

Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's

Measured by _____

Date/time _____

Location _____ Sampled by _____ Date _____

Rain start time _____ Current weather _____ Time _____

Peak stage _____ Current stage _____

Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____ Low-velocity width _____

Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____

Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____

Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's

Measured by _____

Date/time

Location FTR | Sampled by C.F. | Date 11-29-00
Rain start time 3 AM | Current weather CLD | Time 16:22
Peak stage _____ | Current stage 1.03 FWATER # 14 ✓
Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-14-01
High-velocity width _____ | Low-velocity width _____ HY01
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

CHANGE OFFSET BACK TO 0.0
#22423

Comments: OBS-3 CHK OBS-3 37.0
ID # 01GR 0123

Turbidity 49.2 NTU's
Measured by C.F.
Date/time 11-29-00 @ 16:25

Location GG | Sampled by C.F. | Date 11-29-00
Rain start time _____ | Current weather _____ | Time 16:46
Peak stage _____ | Current stage 0.61 ✓
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

#22423

Comments: ID # 01GR 0345

Turbidity 45.2 NTU's
Measured by C.F.
Date/time 11-29-00 @ 16:48

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location FTR | Sampled by C.F. | Date 11-18-00 SAT
Rain start time _____ | Current weather CLR | Time 14:16
Peak stage _____ | Current stage 0.38 FWATER #15
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ COPIED 4-14-01 ✓
High-velocity width _____ | Low-velocity width _____ HY01
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

ID# 01GR 125 #22423

Comments: OBS-3 CK. 20.0 change offset

Turbidity 1.81 NTU's
Measured by C.F.
Date/time 11-18-00 @ 14:17

Location GRT21 | Sampled by C.F | Date 11-29-00
Rain start time 03:43 | Current weather _____ | Time 07:02 ✓
Peak stage _____ | Current stage 0.79
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

0.80" rain last night around 3:43
H_2O up to rim in basin

Comments: ID # 01GR0121

Turbidity 226 NTU's
Measured by C F
Date/time 11-29-00 @ 07:08

Location RET 1 | Sampled by C. F. | Date 11-29-00
Rain start time 03:43 | Current weather _____ | Time 07:17 ✓
Peak stage _____ | Current stage 0.80
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

ID# 01GR 0122

Comments:

Turbidity 118 NTU's
Measured by C.F
Date/time 11-29-00 07:20

Location FTR | Sampled by C.F. | Date 12-9-00
Rain start time _____ | Current weather _____ | Time 12:16
Peak stage _____ | Current stage 0.31 | FWATER #16
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ | COPIED 4-14-01
High-velocity width _____ | Low-velocity width _____ | HY01
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

ID# 01GR 0341

NO SSC

#22423

Comments:
OBS-3 1.00 NTU @12:16

Turbidity 1.24 NTU's
Measured by C.F
Date/time 12-9-00 @ 12:18

Location HH | Sampled by C.F. | Date 12-14-00
Rain start time _____ | Current weather CLOY | Time 16:01
Peak stage _____ | Current stage 2.23 | ✓
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

DOWN BRIDGE RAIL 14' 7" ↓

#22423

Comments:
ID# 01GR #0051

Turbidity 49.3 NTU's
Measured by C.F.
Date/time 12-14-00 16:08

Location FTR | Sampled by C.F. | Date 12-14-00
Rain start time _____ | Current weather _____ | Time 16:31
Peak stage _____ | Current stage 1.07 | ✓
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

ID# 01GR 0223

#22423

Comments:

Turbidity 41.7 NTU's
Measured by C.F
Date/time 12-14-00 16:32

Location HH | Sampled by TLC | Date 12/13/00
Rain start time yesterday AM, rain ↑ 1:00 today | Current weather raining, heavy off & on | Time 3:00PM
Peak stage ______ | Current stage 1.32

FWATER #17
COPIED 4-14-01
HY01

Culvert size ______ Culvert flow depth ______ Culvert invert ______

High-velocity width ______ Low-velocity width ______

Dist.#1 ______ Time #1 ______ Dist.#1 ______ Time #1 ______

Dist.#2 ______ Time #2 ______ Dist.#2 ______ Time #2 ______

Dist.#3 ______ Time #3 ______ Dist.#3 ______ Time #3 ______

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

bottle # 0192

Comments:

[illegible]

Turbidity 5.93 NTU's
Measured by JN
Date/time 1-21-01 @ 16:42

Location HH | Sampled by TLC | Date 12/14/00
Rain start time ↑↑ heavy last night thunderstorm | Current weather raining | Time 9:40 AM
Peak stage ?? | Current stage 3.58

Culvert size ______ Culvert flow depth ______ Culvert invert ______

High-velocity width ______ Low-velocity width ______

Dist.#1 ______ Time #1 ______ Dist.#1 ______ Time #1 ______

Dist.#2 ______ Time #2 ______ Dist.#2 ______ Time #2 ______

Dist.#3 ______ Time #3 ______ Dist.#3 ______ Time #3 ______

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

bottle # 0311

Comments:

9614

Turbidity 55.8 NTU's
Measured by JN
Date/time 1-21-01 @ 16:43

Location HH | Sampled by TLC | Date 12/15/00
Rain start time some last night off & on | Current weather Sunny, clearing | Time 1:10 PM
Peak stage ______ | Current stage 1.97

Culvert size ______ Culvert flow depth ______ Culvert invert ______

High-velocity width ______ Low-velocity width ______

Dist.#1 ______ Time #1 ______ Dist.#1 ______ Time #1 ______

Dist.#2 ______ Time #2 ______ Dist.#2 ______ Time #2 ______

Dist.#3 ______ Time #3 ______ Dist.#3 ______ Time #3 ______

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

bottle # 0132

1.97 on staff plates = old tape-measure measurement of 14'10½" from bridge rail

#9614

Comments:

Turbidity 22.5 NTU's
Measured by JN
Date/time 1-21-01 @ 16:44

Location HH | Sampled by TLC | Date 12/19/00
Rain start time rain last night ~ 8:00 PM | Current weather sunny | Time 10:55AM
Peak stage _____ | Current stage 1.87 FWATER #18 COPIED 4-14-01 HY 01
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

bottle [redacted] # 0313

TUM # 9614

Comments:

Turbidity 23.1 NTU's
Measured by JN
Date/time 1-21-01 @ 16:46

Location HH | Sampled by TLC | Date 1/7/01
Rain start time Soon | Current weather storm coming in - | Time 3:00 PM
Peak stage _____ | Current stage .99 (Low) dry still now.
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

bottle # 0314

TUM # 9614

Comments:

Turbidity 1.27 NTU's
Measured by JN
Date/time 1-21-01 @ 16:47

Location HH | Sampled by TLC | Date 1/8/01
Rain start time last night | Current weather clearing | Time 3:00PM
Peak stage ? | Current stage 1.69
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

bottle # 0315

TUM # 9614

Comments:

Turbidity 33.8 NTU's
Measured by JN
Date/time 01-21-01 @ 16:48

Freshwater Creek

Location Howard Hgts Bridge | Sampled by BOB | Date 14 DEC
Rain start time Dec 13 0700± | Current weather Cloudy | Time 0745
Peak stage _____ | Current stage 2.72 ft.

FWATER # 19
COPIED 4-14-01
NY 01

Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

#22423

Comments: 01GR (0158)
0:58" since start of rain

Turbidity 78.3 NTU's
Measured by JN
Date/time 1/11/01 @ 18:33

Location Howard Hgts Bridge | Sampled by Bob | Date 14 DEC
Rain start time See above | Current weather Cloudy | Time 1625
Peak stage _____ | Current stage 2.18 ft.

Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 22423

Comments: 01GRC (0159)
1:00" since start of rain

Turbidity 42.1 NTU's
Measured by JN
Date/time 1/11/01 18:34

Location Howard Hgts. Bridge | Sampled by Bob | Date 15 Dec
Rain start time See above | Current weather cloudy | Time 1000
Peak stage _____ | Current stage 1.98 ft.

Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 22423

Comments: Sample No. 01GR (0160)
Cumulative RAIN 0.75"

Turbidity 26.8 NTU's
Measured by JN
Date/time 1/11/01 @ 18:36

Location Howard Hgts. Bridge Sampled by Bob Date 23 Dec
Rain start time _____ Current weather RAIN Time 0840
Peak stage _____ Current stage 1.29 ft FWATER # 20
Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-14-01
High-velocity width _____ Low-velocity width _____ HY01
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM #22423

Comments: #01GR0161 Turbidity 3.53 NTU's
Measured by JN
Date/time 1/11/01 @ 18:42

Location Howard Hgts Bridge Sampled by Bob Date 8JAN2001
Rain start time 7JAN 2200± Current weather Drizzle Time 0815
Peak stage _____ Current stage 1.07 ft
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM #22423

Comments: #01GR(0317) Cumulative rainfall 0.58" Turbidity 3.89 NTU's
Measured by JN
Date/time 1/11/01 @ 18:39

Location Howard Hgts Bridge Sampled by 1303 Date 8JAN
Rain start time 7JAN 2200± Current weather Clear Time 1705
Peak stage _____ Current stage 2.08 ft
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM # 22423

Comments: #02GR(0318) Cumulative rainfall 0.79" Turbidity 66.4 NTU's
Measured by JN
Date/time 1/11/01 @ 18:29

Location Howard Hoy Bridge | Sampled by Bob | Date 9 JAN
Rain start time JAN 8 '7 2200± | Current weather Light rain | Time 1655
Peak stage _____ | Current stage 1.60ft.
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

FWATER # 20A
COPIED 4-14-01
HY01

0319 c.f.

TUM # 92423

Comments: # 01GR(0318)
Cum. Rainfall 1.03"

Turbidity 24.6 NTU's
Measured by JN
Date/time 1/11/01 18:40

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location HH | Sampled by RC | Date 1/9/01
Rain start time _____ | Current weather rain off + on | Time 11:55 AM
Peak stage _____ | Current stage 1.65 | FWATER #21
Culvert size _____ Culvert flow depth _____ Culvert invert _____ | COPIED 4-14-01
High-velocity width _____ | Low-velocity width _____ | HH/01
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

bottle # 0316

TUM # 4614

Comments:

Turbidity 23.4 NTU's
Measured by JN
Date/time 1-21-01 @ 16:51

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location MC | Sampled by C.F. / T.C. | Date 1-8-01
Rain start time — | Current weather PTL CLOY | Time 16:30
Peak stage _____ | Current stage -69½ ↓top of culvert
Culvert size _____ Culvert flow depth _____ | Culvert invert -69½ FWATER #22
High-velocity width _____ | Low-velocity width _____ COPIED 4-14-01
Dist.#1 10ft Time #1 5.37 | Dist.#1 _____ Time #1 _____ HY01
Dist.#2 10ft Time #2 5.15 | Dist.#2 _____ Time #2 _____
Dist.#3 10ft Time #3 5.07 | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:
44" across x 8" deep

Comments: I.D. #01GR0432

Turbidity 55.3 NTU's
Measured by C.F
Date/time 1-08-01 @ 16:40

Location Mc | Sampled by T. C | Date 1/9/00
Rain start time 10:00AM | Current weather Rain | Time 15:10
Peak stage _____ | Current stage 71" ↓top of culvert
Culvert size _____ Culvert flow depth _____ | Culvert invert 71"
High-velocity width _____ | Low-velocity width _____
Dist.#1 10ft Time #1 5.13sec | Dist.#1 _____ Time #1 _____
Dist.#2 10ft Time #2 5.45sec | Dist.#2 _____ Time #2 _____
Dist.#3 10ft Time #3 5.00sec | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:
44" across from corner of culvert 7½" deep at corner

Comments: 01GR0433

Turbidity 24.2 NTU's
Measured by CF/DVD
Date/time 2-14-01 @ 1929

Location Mc | Sampled by T. C | Date 1/11/00
Rain start time _____ | Current weather Sunny | Time 16:00
Peak stage _____ | Current stage 70" ↓top of culvert
Culvert size _____ Culvert flow depth _____ | Culvert invert 70"
High-velocity width _____ | Low-velocity width _____
Dist.#1 10ft Time #1 4.84sec | Dist.#1 _____ Time #1 _____
Dist.#2 10ft Time #2 4.4sec | Dist.#2 _____ Time #2 _____
Dist.#3 10ft Time #3 4.5sec | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:
61" across from corner of culvert 8" deep

Comments: 01GR0434

Turbidity 36.6 NTU's
Measured by CF/DVD
Date/time 2-14-01 @ 1933

Location MC | Sampled by T.C | Date 1/29/01
Rain start time _____ | Current weather sunny | Time 15:30
Peak stage _____ | Current stage 75" to top FWATER #23
Culvert size _____ Culvert flow depth _____ | Culvert invert 75" COPIED 4-14-01
High-velocity width _____ | Low-velocity width _____ HYDI
Dist.#1 10 Time #1 9.5 | Dist.#1 _____ Time #1 _____
Dist.#2 10 Time #2 9.28 | Dist.#2 _____ Time #2 _____
Dist.#3 10 Time #3 8.6 | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands:
Sketch cross-section of channel:

34" across
4" deep

Comments: OIGR 0437

Turbidity 3.92 NTU's
Measured by CF/DVD
Date/time 2-14-01@1943

Location MC | Sampled by T C | Date 1/18/01
Rain start time _____ | Current weather overcast | Time 15:30
Peak stage _____ | Current stage 75" from top of culvert
Culvert size _____ Culvert flow depth _____ | Culvert invert 76"
High-velocity width _____ | Low-velocity width _____
Dist.#1 10 Time #1 10.5 | Dist.#1 _____ Time #1 _____
Dist.#2 10 Time #2 9.08 | Dist.#2 _____ Time #2 _____
Dist.#3 10 Time #3 11.0 | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands:
Sketch cross-section of channel:

34" across
4" deep

Comments: OIGR 0436

Turbidity 5.66 NTU's
Measured by CF/DVD
Date/time 2-14-01@1936

Location MC | Sampled by T C | Date 1/23/01
Rain start time 10:00 | Current weather Raining | Time 16:00
Peak stage _____ | Current stage 73"
Culvert size _____ Culvert flow depth _____ | Culvert invert 73"
High-velocity width _____ | Low-velocity width _____
Dist.#1 10 Time #1 5.25 | Dist.#1 _____ Time #1 _____
Dist.#2 10 Time #2 5.00 | Dist.#2 _____ Time #2 _____
Dist.#3 10 Time #3 5.70 | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands:
Sketch cross-section of channel:

2 streams 86" across
6" deep

Comments: OIGR 0436

Turbidity 42.9 NTU's
Measured by CF/DVD
Date/time 2-14-01@19:52

Location HH | Sampled by TLC | Date 1/10/01
Rain start time _____ | Current weather rain | Time 12:05 PM
Peak stage _____ | Current stage 2.17 FWATER #24
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ COPIED 4-14-01
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

HY01

#0200

TF 22441

Comments:

Turbidity 37.4 NTU's
Measured by C.F
Date/time 1-27-01 @ 15:51

Location HH | Sampled by TLC | Date 1/10/01
Rain start time _____ | Current weather rain & fog | Time 2:55 PM
Peak stage _____ | Current stage 2.76
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

looks muddy.
Many branches coming downstream.

#0201

TF 22441

Comments:

Turbidity 120 NTU's
Measured by C.F
Date/time 1-27-01 @ 16:04

Location HH | Sampled by TLC | Date 1/11/01
Rain start time _____ | Current weather showers & fog | Time 11:55 AM
Peak stage _____ | Current stage 2.48
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

bottle #0202

TUM #22441

Comments:

Turbidity 43.2 NTU's
Measured by C.F
Date/time 1-27-01 @ 16:09

Location HH Sampled by TC Date 1/23/01
Rain start time ~11:00 AM Current weather raining Time 3:00 PM
Peak stage _____ Current stage 1.11 off on hard
Culvert size _____ Culvert flow depth _____ Culvert invert _____ FWATER # 25
High-velocity width _____ Low-velocity width _____ COPIED 4-14-01
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____ HY 81
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

creek level low still

bottle # 0203

T # 22441

Comments:

Turbidity 41.1 NTU's
Measured by C.F
Date/time 1-27-01 @ 16:12

Location HH Sampled by TC Date 1-24-01
Rain start time _____ Current weather _____ Time 12:35
Peak stage _____ Current stage 1.77
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

T # 22441

Comments:
ID # 01GR 0204

Turbidity 37.3 NTU's
Measured by C.F
Date/time 1-27-01 @ 16:14

Location _____ Sampled by _____ Date _____
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

HOWARD HOTS

Location ~~FRESHWATER CREEK (BRIDGE)~~ Sampled by BOB Date 10JAN
Rain start time _____ Current weather CLOUDY Time 0840
Peak stage _____ Current stage 2.06 Ft FWATER #26
Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-14-01
High-velocity width _____ Low-velocity width _____ HY01
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM # 02423

Comments: # 01GR-0320

Turbidity 47.1 NTU's
Measured by CF
Date/time 2-19-01 @ 11:50

Location Haven & Hgt. Bridge Sampled by Bob Date 10JAN
Rain start time JAN 7 Current weather Lt. rain Time 1600
Peak stage _____ Current stage 3.03 Ft. ✓
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM # 22423

Comments: # 0321

CUM. RAIN TOTAL 1.88 SINCE 7 JAN

Turbidity 235 NTU's
Measured by CF
Date/time 2-19-01 @ 11:53

Location HOWARD HGT. BRIDGE Sampled by BOB Date 11JAN
Rain start time JAN 7 Current weather PT. CLOUDY Time 0800
Peak stage _____ Current stage 2.66 Ft. ✓
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM # 22423

Comments: SAMPLE # 0322

Turbidity 52.0 NTU's
Measured by CF
Date/time 2-19-01 @ 11:56

CUM. RAIN TOTAL (2.13) SINCE 7JAN

Location Howard Hgt. Bridge | Sampled by Bob | Date 13 JAN.
Rain start time _____ | Current weather clear | Time 1700
Peak stage _____ | Current stage 2.24 ft FWATER #27 ✓
Culvert size _____ Culvert flow depth _____ Culvert invert _____ CORRECTED 4-14-01 HY01
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 02423

Comments: # 0444

Turbidity 36.6 NTU's
Measured by CF
Date/time 2-19-01 @ 11:59

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location Howard Hgt. Bridge | Sampled by BOB | Date 23 JAN
Rain start time 23 JAN 0600 | Current weather Pt. Cloudy | Time 0745
Peak stage _____ | Current stage 1.07 ft. ✓
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 02423

Comments: # 0445

Cumulative rain since start of storm 0.62"

Turbidity 3.23 NTU's
Measured by CF
Date/time 2-19-01 @ 12:00

Location HOWARD HGTS. BRIDGE Sampled by BOB Date 25 JAN. 01
Rain start time 23 JAN 0600 Current weather RAIN Time 1710
Peak stage _____ Current stage 1.28 ft FWATER #28
Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-14-01
High-velocity width _____ Low-velocity width _____ HY01
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM #22423

Comments: # 0446
CUM. RAINFALL @ 23 JAN 0600 = 0.79"

Turbidity 11.6 NTU's
Measured by CF
Date/time 2-19-01 @ 12:03

Location HOWARD HGTS. BRIDGE Sampled by BOB Date 24 JAN 01
Rain start time 23 JAN 0600 Current weather CLOUDY Time 0745 ✓
Peak stage _____ Current stage 1.88 ft.
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM #22423

Comments: ~~#0447~~ 0447
CUM. RAINFALL 0.87"

Turbidity 45.4 NTU's
Measured by CF
Date/time 2-19-01 @ 12:06

Location HOWARD HGTS. BRIDGE Sampled by BOB Date 24 JAN. ✓
Rain start time _____ Current weather PT. CLOUDY Time 1700
Peak stage _____ Current stage 1.72 ft
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM #22423

Comments: #.0448

Turbidity 34.8 NTU's
Measured by CF
Date/time 2-19-01 @ 12:07

Location HOWARD HGTS BRIDGE Sampled by BOB Date 25 JAN.
Rain start time _____ Current weather CLOUDY Time 0810
Peak stage _____ Current stage 1.70 ft FWATER # 29
Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-14-01
High-velocity width _____ Low-velocity width _____ HYDR
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM # 22423

Comments: # 0449

Turbidity 24.9 NTU's
Measured by CF
Date/time 2-19-01 @ 12:14

Location HOWARD HGTS BRIDGE Sampled by BOB Date 25 JAN.
Rain start time JAN 25 / 0830 Current weather Lt. Rain Time 1100
Peak stage _____ Current stage 2.09 ft ✓
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM # 22423

Comments: # 0450
Cumulative RAIN FALL SINCE 25 JAN 0830 = 0.92" ✓

Turbidity 42.5 NTU's
Measured by CF
Date/time 2-19-01 @ 12:16

Location HOWARD HGTS BRIDGE Sampled by BOB Date 25 JAN
Rain start time 25 JAN 0830 Current weather Mostly cloudy Time 1400
Peak stage _____ Current stage 4.16 ft ✓
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM # 22423

Comments: # 0451
Cumulative rain fall 1.09"

Turbidity 488 NTU's
Measured by CF
Date/time 2-19-01 @ 12:18

Location HOWARD HGTS. BRIDGE Sampled by BOB Date 25JAN
Rain start time 25JAN0830 Current weather MOSTLY CLOUDY Time 1650
Peak stage _____ Current stage 4.17 Ft.
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

FWATER #30
COPIED 4-14-01
HY01

TUM # 22423

Comments: # 0452
CUMULATIVE RAIN 1.10"

Turbidity 226 NTU's
Measured by CF
Date/time 2-19-01 @ 12:20

Location HOWARD HGTS. BRIDGE Sampled by BOB Date 26 JAN.
Rain start time 25 JAN 0830 Current weather PT. SUNNY Time 0805
Peak stage _____ Current stage 2.88 Ft
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM # 22423

Comments: # 0453
CUM. RAIN: 1.46"

Turbidity 46.0 NTU's
Measured by CF
Date/time 2-19-01 @ 12:53

Location HOWARD HGTS BRIDGE Sampled by BOB Date 26JAN
Rain start time 25JAN0830 Current weather SUNNY Time 1250
Peak stage _____ Current stage 2.75 Ft
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM # 22423

Comments: # 0454
CUM. RAIN 1.46"

Turbidity 40.8 NTU's
Measured by CF
Date/time 2-19-01 @ 12:53

(6 of 6) 26JAN

Location HOWARD HGTS. BRIDGE | Sampled by BOB | Date 26JAN
Rain start time — | Current weather FAIR | Time 1720
Peak stage _____ | Current stage 2.54 ft FWATER # 31
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ | COPIED 4-24-01 HY01
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 22423

Comments: #0455

Turbidity 36.7 NTU's
Measured by CF
Date/time 2-14-01 @ 12:58

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location ETR Sampled by C.F. Date 1-11-01
Rain start time _____ Current weather _____ Time 12:01
Peak stage _____ Current stage 1.13 FWATER # 32
Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-14-01
High-velocity width _____ Low-velocity width _____ HY 01
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

NO SSC

01GR 0003 #22423

Comments:

Turbidity 38.4 NTU's
Measured by C.F.
Date/time 1-11-01 @ 12:31

Location _____ Sampled by _____ Date _____
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ Sampled by _____ Date _____
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

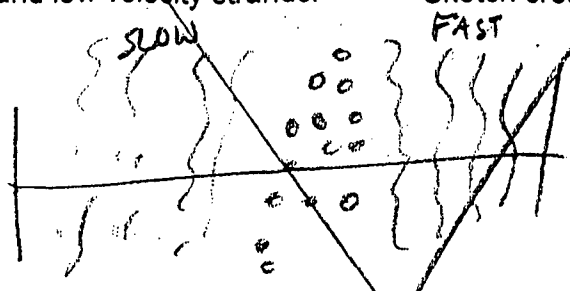
Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location VD RAIN BOW | Sampled by JN | Date 1-11-01
Rain start time SUNDAY ? | Current weather Clear | Time 9:30
Peak stage _____ | Current stage ↓ 26'0 top of concrete rail at so. rain base
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

FWATER #33
COPIED MY 01 4-14-01

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

01GR
0235

Comments:

Turbidity 56.2 NTU's
Measured by JN
Date/time 17:34 1-11-01

Location VD-MILE 19.50 | Sampled by JN | Date 1-11-01
Rain start time _____ | Current weather Clear | Time 9:48
Peak stage _____ | Current stage _____
Culvert size 4' Culvert flow depth 5" | Culvert invert 3'6"
High-velocity width _____ | Low-velocity width _____
Dist.#1 10' Time #1 1.53 sec | Dist.#1 _____ Time #1 _____
Dist.#2 10 Time #2 1.66 sec | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

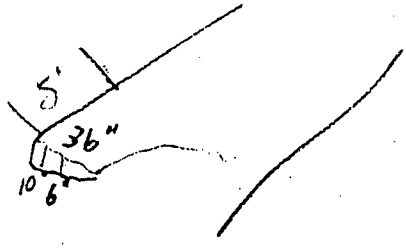
01GR
0236

Comments: CV has 2" concrete bottom

Turbidity 48.3 NTU's
Measured by JN
Date/time 17:34 1-11-01

Location MC Ready | Sampled by JN | Date 1-11-01
Rain start time _____ | Current weather _____ | Time 13:08
Peak stage _____ | Current stage ↓ 69" Concrete culvert ceiling
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 5 Time #1 2.70 | Dist.#1 _____ Time #1 _____
Dist.#2 5 Time #2 2.55 | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

01GR
0243

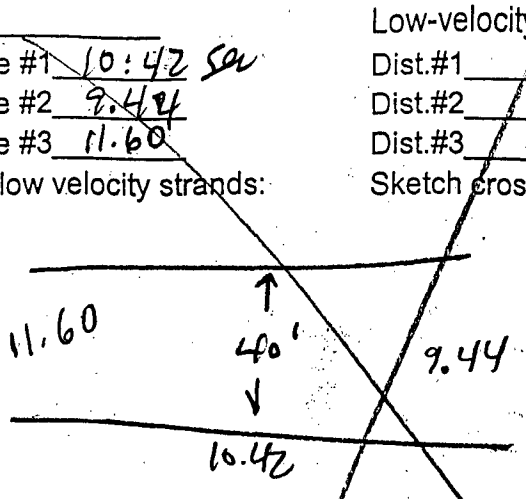
TOM # 22423

Comments:

Turbidity 41.7 NTU's
Measured by JN
Date/time 1/11/01 @ 17:40

Location VD Grizzly | Sampled by JN | Date 1-11-01
Rain start time _____ | Current weather Clear | Time 10:07
Peak stage _____ | Current stage ↓ 19'0 Top Concrete rail at Ø
Culvert size _____ Culvert flow depth _____ | Culvert invert FWATER #34
High-velocity width _____ | Low-velocity width COPIED 4-14-01
Dist.#1 40 Time #1 10:42 Sec | Dist.#1 _____ Time #1 _____ HY01
Dist.#2 _____ Time #2 9.44 | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 11.60 | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

01GR
0237

Comments:

Turbidity 50.2 NTU's
Measured by JN
Date/time 17:36 1-11-01

Location VD Help Mi 11.47 | Sampled by JN | Date 1-11-01
Rain start time _____ | Current weather _____ | Time 10:24
Peak stage _____ | Current stage ↓ 20' 1"
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

01GR
0238

Comments:

Turbidity 63.7 NTU's
Measured by JN
Date/time 1/11/01 @ 17:38

Location GG | Sampled by JN | Date 1-11-01
Rain start time _____ | Current weather _____ | Time 12:59
Peak stage _____ | Current stage ↓ 61" culvert edge
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

01GR 0131 — 39.9 NTU

01GR 0132 - 40.0 NTU

TUM #00423

Comments:

Turbidity _____ NTU's
Measured by JN
Date/time 1-11-01 @ 17:32

Location FTR | Sampled by T. ROELOFS | Date 1-23-01
Rain start time _____ | Current weather _____ | Time 16:40
Peak stage _____ | Current stage _____ FWATER #35
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ COPIED 4-14-04
High-velocity width _____ | Low-velocity width _____ MY01
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TERRY SAYS OBS-3 BTW 180 & 212 NTU

T# 22441

Comments: OBS-3 CK BY TERRY 01GR 0229

Turbidity 405 NTU's
Measured by C.F
Date/time 1-24-01 @ 9:10

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location YAGER | Sampled by JNOELL | Date 1/24/01
Rain start time _____ | Current weather SHOWERS | Time 1406
Peak stage _____ | Current stage 27' 8" ↓ CONCRETE RAIL CENTER N SIDE BRIDGE
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____ | WATER #36
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____ | CODED 4-14-01
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____ | HY01
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____ | 01GR
Sketch map of high and low velocity strands: | Sketch cross-section of channel: | 0162

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location McCready | Sampled by JN | Date 1-25-01
Rain start time _____ | Current weather Showers | Time 15:39
Peak stage _____ | Current stage See HSU discharge
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ | HACH
High-velocity width _____ | Low-velocity width _____ | 01GR
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____ | 0381
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

INSTALLED ISCO, PUMPED SAMPLE 1,2 set Delay for 120 MINUTES.
INTERVAL 120 MINUTES ↘ at 15:40

#3 SAMPLED 17:40

Comments:

Turbidity 314 NTU's
Measured by JN
Date/time _____

Location SFEIK MB | Sampled by JN | Date 1-26-01
Rain start time _____ | Current weather Clearing, NO RAIN | Time _____ ✓
Peak stage _____ | Current stage 4.01
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____ | 01GR
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____ | 0053
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

ISCO #1 PULLED — NOT PUMPING

Comments:

Turbidity 56.5 NTU's
Measured by JN
Date/time 2014 1-26-01

Location MC
Rain start time early A.M.
Peak stage
Culvert size 3 Culvert flow depth
High-velocity width
Dist.#1 10 Time #1 5.03
Dist.#2 10 Time #2 5.51
Dist.#3 10 Time #3 5.62
Sketch map of high and low velocity strands:

Sampled by T. C
Current weather just stopped raining
Current stage 58" from top
Culvert invert 58"
Low-velocity width
Dist.#1 Time #1
Dist.#2 Time #2
Dist.#3 Time #3
Sketch cross-section of channel:

Date 1/25/01
Time 14:00
FWP FER #37
COPIED 4-14-01
HYDI

13ft 7" all the way across culvert 14" deep
TUM #22441

Comments: OIGR 0442

Turbidity 431 NTU's
Measured by CF/DVD
Date/time 2-14-01 @ 1956

Location MC
Rain start time overcast
Peak stage
Culvert size Culvert flow depth
High-velocity width
Dist.#1 10 Time #1 5.7
Dist.#2 10 Time #2 5.09
Dist.#3 Time #3 4.88
Sketch map of high and low velocity strands:

Sampled by T.C
Current weather 73 from top of culvert
Current stage 73
Culvert invert
Low-velocity width
Dist.#1 Time #1
Dist.#2 Time #2
Dist.#3 Time #3
Sketch cross-section of channel:

Date 1/26/01
Time 15:30

46 inches across
5 inches deep
TUM #22441

Comments: OIGR I.D 0435

Turbidity 24.2 NTU's
Measured by CF/DVD
Date/time 2-14-01 @ 19:47

Location MC
Rain start time
Peak stage
Culvert size Culvert flow depth
High-velocity width
Dist.#1 5.61 Time #1 10
Dist.#2 4.98 Time #2 10
Dist.#3 5.06 Time #3
Sketch map of high and low velocity strands:

Sampled by T.C
Current weather intermittent sun
Current stage 70" from top
Culvert invert 70"
Low-velocity width
Dist.#1 Time #1
Dist.#2 Time #2
Dist.#3 Time #3
Sketch cross-section of channel:

Date 1/26/01
Time 12:35

7" deep 11ft wide
TUM #22441

Comments: OIGR 0443

Turbidity 47.4 NTU's
Measured by CF/DVD
Date/time 2-14-01 @ 20:05

Location FTR | Sampled by Richard Peltier | Date 1-22-01
Rain start time _____ | Current weather Clear | Time 10:20 am
Peak stage _____ | Current stage 0.89' FWATER F 38
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ COPIED 4-14-01
High-velocity width _____ | Low-velocity width _____ HY01
Dist.#1 16' 10" Time #1 06.00 | Dist.#1 _____ Time #1 _____
Dist.#2 16' 10" Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 16' 10" Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

T F02441

Comments: Bottle* OIGR 0226
TRAINING

Turbidity 26.3 NTU's
Measured by C.F
Date/time 1-28-01 @ 11:46

Location FTR | Sampled by ? | Date 1-27-01
Rain start time _____ | Current weather _____ | Time ? 10:43
Peak stage _____ | Current stage 0.89
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

OIGR
BOTTLE 0370
NO FIELD FORM ENTRY

T F02441

Comments:

Turbidity 25.6 NTU's
Measured by CF
Date/time 1-28-01 @ 10:19

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location FTR | Sampled by M. Waller K. [illegible] | Date 1/27/01
Rain start time ______ | Current weather Clear | Time 1040
Peak stage ______ | Current stage ~~Falling~~ 0.89

FWATER #39
COPIED 4-14-01
HY01

Culvert size ______ Culvert flow depth ______ Culvert invert ______

High-velocity width ______
Dist.#1 16'10" Time #1 6.31
Dist.#2 ______ Time #2 10.59
Dist.#3 ______ Time #3 5.65

Low-velocity width ______
Dist.#1 ______ Time #1 ______
Dist.#2 ______ Time #2 ______
Dist.#3 ______ Time #3 ______

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

bottle: 019R
ID#0517
T#22441

Comments:
TRAINING

Turbidity 25.9 NTU's
Measured by C.F
Date/time 1-08-01 @ 11:52

Location ______ | Sampled by ______ | Date ______
Rain start time ______ | Current weather ______ | Time ______
Peak stage ______ | Current stage ______
Culvert size ______ Culvert flow depth ______ Culvert invert ______

High-velocity width ______
Dist.#1 ______ Time #1 ______
Dist.#2 ______ Time #2 ______
Dist.#3 ______ Time #3 ______

Low-velocity width ______
Dist.#1 ______ Time #1 ______
Dist.#2 ______ Time #2 ______
Dist.#3 ______ Time #3 ______

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

Turbidity ______ NTU's
Measured by ______
Date/time ______

Location ______ | Sampled by ______ | Date ______
Rain start time ______ | Current weather ______ | Time ______
Peak stage ______ | Current stage ______
Culvert size ______ Culvert flow depth ______ Culvert invert ______

High-velocity width ______
Dist.#1 ______ Time #1 ______
Dist.#2 ______ Time #2 ______
Dist.#3 ______ Time #3 ______

Low-velocity width ______
Dist.#1 ______ Time #1 ______
Dist.#2 ______ Time #2 ______
Dist.#3 ______ Time #3 ______

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

Turbidity ______ NTU's
Measured by ______
Date/time

Location FTR | Sampled by C F | Date 1-27-01
Rain start time | Current weather | Time 10:44
Peak stage | Current stage 0.84 FWATER #40
Culvert size | Culvert flow depth | Culvert invert COPIED # 4-14-01
High-velocity width | Low-velocity width HY01
Dist.#1 16'10" Time #1 6.50 | Dist.#1 | Time #1
Dist.#2 | Time #2 6.53 | Dist.#2 | Time #2
Dist.#3 | Time #3 6.35 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

T #92441

Comments:
10 # 01GR 0522

Turbidity 25.6 NTU's
Measured by C.F
Date/time 1-27-01 10:55

Location | Sampled by | Date
Rain start time | Current weather | Time
Peak stage | Current stage
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity NTU's
Measured by
Date/time

Location | Sampled by | Date
Rain start time | Current weather | Time
Peak stage | Current stage
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity NTU's
Measured by
Date/time

Location FTR
Sampled by Elizabeth McLande
Date 1-27-01
Rain start time
Current weather Clear
Time 10:45
Peak stage
Current stage 0.89
FWATER # 41
COPIED 4-14-01
1401
Culvert size
Culvert flow depth
Culvert invert
High-velocity width
Low-velocity width
Dist.#1 6' 10" Time #1 6.63
Dist.#1 Time #1
Dist.#2 Time #2
Dist.#2 Time #2
Dist.#3 Time #3
Dist.#3 Time #3
Sketch map of high and low velocity strands:
Sketch cross-section of channel:

ID # 01GR 0369 # 82441

Comments:
TRAINING

Turbidity 25.5 NTU's
Measured by CF
Date/time 1-28-01 @ 11:55

Location
Sampled by
Date
Rain start time
Current weather
Time
Peak stage
Current stage
Culvert size
Culvert flow depth
Culvert invert
High-velocity width
Low-velocity width
Dist.#1 Time #1
Dist.#1 Time #1
Dist.#2 Time #2
Dist.#2 Time #2
Dist.#3 Time #3
Dist.#3 Time #3
Sketch map of high and low velocity strands:
Sketch cross-section of channel:

Comments:

Turbidity NTU's
Measured by
Date/time

Location
Sampled by
Date
Rain start time
Current weather
Time
Peak stage
Current stage
Culvert size
Culvert flow depth
Culvert invert
High-velocity width
Low-velocity width
Dist.#1 Time #1
Dist.#1 Time #1
Dist.#2 Time #2
Dist.#2 Time #2
Dist.#3 Time #3
Dist.#3 Time #3
Sketch map of high and low velocity strands:
Sketch cross-section of channel:

Comments:

Turbidity NTU's
Measured by
Date/time

Location FTR | Sampled by Ralph | Date 1/29/01
Rain start time _____ | Current weather clear | Time 1045
Peak stage _____ | Current stage 0.89 ft FWATER #42 ✓
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ COPIED 4-14-01 MYO
High-velocity width _____ | Low-velocity width _____
Dist.#1 16.10 Time #1 7.47 | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

#01GR 0368 ▽ 02441

Comments:
TRAINING

Turbidity 26.4 NTU's
Measured by CF
Date/time 1-28-01 @ 11:57

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location FTR | Sampled by ERIC NYMAN | Date 1-27-00
Rain start time ENDED > 24 hrs | Current weather CLEAR | Time 10:45
Peak stage FALLING | Current stage 0.89 | FWATER # 43
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____ | COPIED 4-14-01
High-velocity width _____ | Low-velocity width _____ | ID# OTGR
Dist.#1 16.10" | Time #1 6:07 | Dist.#1 _____ | Time #1 _____ | 0227
Dist.#2 _____ | Time #2 9.80 ← HIT C BANK | Dist.#2 _____ | Time #2 _____
Dist.#3 _____ | Time #3 6.34 | Dist.#3 _____ | Time #3 _____ | MY01
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TF 22441

Comments:
TRAINING

Turbidity 85.3 NTU's
Measured by CF
Date/time 1-28-01 @ 12:01

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ | Time #1 _____ | Dist.#1 _____ | Time #1 _____
Dist.#2 _____ | Time #2 _____ | Dist.#2 _____ | Time #2 _____
Dist.#3 _____ | Time #3 _____ | Dist.#3 _____ | Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ | Time #1 _____ | Dist.#1 _____ | Time #1 _____
Dist.#2 _____ | Time #2 _____ | Dist.#2 _____ | Time #2 _____
Dist.#3 _____ | Time #3 _____ | Dist.#3 _____ | Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location FTR Sampled by ABF Date 1/27/01
Rain start time n/a Current weather clear Time 10:46
Peak stage n/a Current stage 0.89 FWATER #44
Culvert size n/a Culvert flow depth — Culvert invert — COPIED 4-14-01
High-velocity width 16'10" Low-velocity width
Dist.#1 16'10" Time #1 8.34 Dist.#1 Time #1 MY 01
Dist.#2 16'10" Time #2 5.66 Dist.#2 Time #2
Dist.#3 16'10" Time #3 5.78 Dist.#3 Time #3
Sketch map of high and low velocity strands: Sketch cross-section of channel:

T #22441

Comments:
ID: 01GR 0225
TRAINING

Turbidity 25.4 NTU's
Measured by OF
Date/time 1-28-01 @ 12:03

Location Sampled by Date
Rain start time Current weather Time
Peak stage Current stage
Culvert size Culvert flow depth Culvert invert
High-velocity width Low-velocity width
Dist.#1 Time #1 Dist.#1 Time #1
Dist.#2 Time #2 Dist.#2 Time #2
Dist.#3 Time #3 Dist.#3 Time #3
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity NTU's
Measured by
Date/time

Location Sampled by Date
Rain start time Current weather Time
Peak stage Current stage
Culvert size Culvert flow depth Culvert invert
High-velocity width Low-velocity width
Dist.#1 Time #1 Dist.#1 Time #1
Dist.#2 Time #2 Dist.#2 Time #2
Dist.#3 Time #3 Dist.#3 Time #3
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity NTU's
Measured by
Date/time

Location FTR | Sampled by Nichole Smith | Date 1/22/01
Rain start time _____ | Current weather Clear | Time 10:47
Peak stage _____ | Current stage 0.89 FWMEN #45
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ COPIED 4-14-01 HY01
High-velocity width _____ | Low-velocity width _____
Dist.#1 16'10" Time #1 8.51 | Dist.#1 _____ Time #1 _____
Dist.#2 16'10" Time #2 6.14 | Dist.#2 _____ Time #2 _____
Dist.#3 16'10" Time #3 7.43 | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

#02441
ID# 01GR 0224

Comments:
TRAINING

Turbidity 05.3 NTU's
Measured by CF
Date/time 1-88-01 @ 12:07

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location FTR | Sampled by M. Hall | Date 1/27/01
Rain start time N/A | Current weather Clear | Time 10:47
Peak stage N/A | Current stage Falling, 0.89
Culvert size N/A | Culvert flow depth N/A | Culvert invert N/A
High-velocity width 16'10"
Dist.#1 16'10" Time #1 8.34
Dist.#2 16'10" Time #2 5.66
Dist.#3 16'10" Time #3 5.79
Low-velocity width
Dist.#1 Time #1
Dist.#2 Time #2
Dist.#3 Time #3

FWATER-M-46
CODED 4-14-01
HYDI

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

ID# 0228

T# 22441

Comments:

TRAINING

Turbidity 05.9 NTU's
Measured by CF
Date/time 1-28-01 @ 12:09

Location FTR | Sampled by TLC | Date 1/27/01
Rain start time | Current weather clear | Time 10:47AM
Peak stage | Current stage 0.89 falling.
Culvert size | Culvert flow depth | Culvert invert
High-velocity width
Dist.#1 16'10" Time #1 6.18 sec
Dist.#2 Time #2
Dist.#3 Time #3
Low-velocity width
Dist.#1 Time #1
Dist.#2 Time #2
Dist.#3 Time #3

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

ID# 0521

TUM # 22441

Comments:

TRAINING

Turbidity 26.5 NTU's
Measured by CF
Date/time 1-28-01 @ 12:09

Location | Sampled by | Date
Rain start time | Current weather | Time
Peak stage | Current stage
Culvert size | Culvert flow depth | Culvert invert
High-velocity width
Dist.#1 Time #1
Dist.#2 Time #2
Dist.#3 Time #3
Low-velocity width
Dist.#1 Time #1
Dist.#2 Time #2
Dist.#3 Time #3

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

Turbidity NTU's
Measured by
Date/time

Location FTR | Sampled by Stacy | Date 01/27/01
Rain start time _____ | Current weather Clear | Time 10:48
Peak stage _____ | Current stage 0.89
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 16.16 Time #1 6.51 | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 5.31 | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 6.32 | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

FWATER #47
COPIED 4-14-01
MW01

01QR
ID# 0371

TDM #22141

Comments:

TRAINING

Turbidity 05.3 NTU's
Measured by CF
Date/time 1-28-01 @ 12:14

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location FTR | Sampled by BOB LONDON | Date 27 JAN 01
Rain start time — | Current weather CLEAR | Time 1050
Peak stage _____ | Current stage 0.89 FWATER #48 ✓
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ COPIED 4-14-01 HY 01

High-velocity width _____ | Low-velocity width _____
Dist.#1 16' 10" Time #1 8.7 | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

#01GR0373
TUM #89441

Comments:

TRAINING

Turbidity 86.8 NTU's
Measured by CF
Date/time 1-28-01 @ 12:17

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____

High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____

High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Watershed Watch / Salmon Forever
ISCO Timed Sampling Field Form

FWATER # 49
COPIED 4-14-01

HY 01 — HY 01

Location MC By CF
Dump # 2 ISCO #
Time Interval Set to
Turbidities Run Date / Time 2-16-01 10:30
Sign-in Sheet Page #
Turbidities By CF
TUM # 22423 Date / Time 2-16-01 10:30
Comments: w/Nuvit emptied NO SSC

Date / Time ISCO started 2-8-01 @ 24:00 MID
Started at Bottle # 1
Sampling Delay at start? Y
Counting Down ? Y
Bottle # Display at start was # 1
Volumes good? Y
Water in Base? N

NEW LABELS ON TOP OLD

	ID#	Time	Stage	Turbidity		ID#	Time	Stage	Turbidity
B #1	0254	2-8 24:00	NONE	7.77	B #13	264			37.9
B #2	274	2-9 6:00		7.57	B #14	256			31.1
B #3	275			11.6	B #15	267			27.4
B #4	273			375	B #16	247			24.2
B #5	272			38.4	B #17	278			22.1
B #6	271			23.9	B #18	279			21.7
B #7	270			15.7	B #19	276			17.7
B #8	269			15.6	B #20	277			21.2
B #9	268			58.2	B #21	249			16.6
B #10	265			99.8	B #22	245			16.8
B #11	266			63.6	B #23	248			14.7
B #12	263			46.4	B #24	0246			13.0

DIS

Location MC By CF
Dump # 3 ISCO # SF #2
Time Interval Set to 360
Turbidities Run Date / Time
Sign-in Sheet Page #
Turbidities By CF
TUM # 22423 Date / Time 3-1-01 15:26
Comments: STARTED G W/ DELAY 2-16-01 @ 10:00

Date / Time ISCO started 2-16-01 @ 16:00
Started at Bottle # 1
Sampling Delay at start? Y
Counting Down ? Y
Bottle # Display at start was # 1
Volumes good? Y
Water in Base? Y — FULL OVERFLOW #24

1ST SAMPLE

BATTERY DEAD NO DISPLAY CHANGE BATT

	ID#	Time	Stage	Turbidity		ID#	Time	Stage	Turbidity
B #1	0322	16:00		9.09	B #13	335			24.5
B #2	0324			8.55	B #14	336			21.4
B #3	0325			7.61	B #15	337			20.0
B #4	0326			11.9	B #16	338			57.6
B #5	0327		SAVE	82.3	B #17	339		SAVE	105
B #6	0328			51.8	B #18	340		SAVE	62.1
B #7	0329			57.5	B #19	341			40.4
B #8	330			34.9	B #20	342		SAVE	88.0
B #9	331			28.6	B #21	343			60.0
B #10	332			26.0	B #22	344		SAVE	172
B #11	333			21.9	B #23	345		SAVE	467
B #12	334			23.5	B #24				

DIS

ALL OTHER VOL GOOD EXCEPT #24

11

Location HH | Sampled by TLC | Date 2/9/01
Rain start time _____ | Current weather rainy | Time 12:15 PM
Peak stage 7 | Current stage falling ? → 2.33 FWATER #50
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ | COPIED 4-14-00 MY01
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

bottle
Comments: # 0426

22423
Turbidity 4.71 NTU's
Measured by CF/DVD
Date/time 2-14-01/1805

Location HH | Sampled by TLC | Date 2/11/01
Rain start time off+on for few days | Current weather sunny off+on - | Time 4:00 PM
Peak stage _____ | Current stage 2.12 | ✓
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

seems like very turbid today...
from last night + this AM

22423
Comments: # 0427
Turbidity 40.8 NTU's
Measured by CF/DVD
Date/time 2-14-01 / 1809

Location HH | Sampled by TLC | Date 2/12/01
Rain start time _____ | Current weather clearing | Time 11:00 AM
Peak stage falling now — | Current stage 1.81 | ✓
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

22423
Comments: #0428
Turbidity 26.9 NTU's
Measured by CF
Date/time 2-19-01 @ 11:11

Location FTR | Sampled by CF | Date 8-15-01
Rain start time _____ | Current weather _____ | Time 14:57
Peak stage _____ | Current stage 0.50 | ID # 01GR 0230 ✓
Culvert size _____ Culvert flow depth _____ | Culvert invert FW AMER #51 COPIED 4-14-01 MY 01
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

NO SSC

TUM # 22423

Comments:
OBS-3 CHECK
OBS-3 11.0 NTU

Turbidity 9.06 NTU's
Measured by CF
Date/time 2-15-01 @ 14:58

Location FTR | Sampled by CF | Date 2-26-01 MON
Rain start time _____ | Current weather CLEAR | Time 17:01
Peak stage _____ | Current stage 0.70 | ID # 01GR 0231 ✓
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

NO SSC

TUM # 22423

Comments: OBS-3 CHECK
OBS-13 17.0 NTU

Turbidity 15.2 NTU's
Measured by CF
Date/time 2-26-01 @ 19:17

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____ | ID #
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM #

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location HHB | Sampled by BOB | Date 20FEB
Rain start time _____ | Current weather RAIN | Time 0745
Peak stage _____ | Current stage 1.75 ft. FWATER #52
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ COPIED 4-14-01 11401
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments: # 01GR 0508
Cum. Rain since 18 Feb 0730 = 0.39"

Turbidity 20.4 NTU's
Measured by DVD
Date/time 2-27-01 @ 12:20

Location HHB | Sampled by BOB | Date 20FEB
Rain start time _____ | Current weather Lt. Rain | Time 1730
Peak stage _____ | Current stage 2.26 ft.
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

01GR 0509
Comments: Cum. rain since 20 Feb 0745 = 0.19"

Turbidity 34.1 NTU's
Measured by DVD
Date/time 2-27-01 @ 12:25

Location HHB | Sampled by BOB | Date 21 FEB.
Rain start time _____ | Current weather Lt. Rain | Time 0800
Peak stage _____ | Current stage 2.19 ft.
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments: # 01GR 0510
Cum. rain since 20 FEB 1730 = 0.25"

Turbidity 26.9 NTU's
Measured by DVD
Date/time 2-27-01 @ 12:29

Location HOUSE OF HEIGHTS BRIDGE (HHB) Sampled by BOB Date 16 FEB
Rain start time 8 FEB 1400± Current weather 4. RAIN Time 0800
Peak stage _____ Current stage 1.18 Ft FWATER # 53
Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-19-01
High-velocity width _____ Low-velocity width _____ HY01
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments: #01GR0505

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location HHB Sampled by BOB Date 17 FEB.
Rain start time Feb 16 evening Current weather _____ Time 0810
Peak stage _____ Current stage 1.39 Ft.
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments: #01GR0506

Turbidity 8.78 NTU's
Measured by DVD
Date/time 2/27/01@12:09

Location HHB Sampled by BOB Date 18 FEB
Rain start time _____ Current weather Cloudy Time 0730
Peak stage _____ Current stage 2.18 Ft.
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments: #01GR0507
Cumulative Rainfall since 17 Feb 0810 = 0.56"

Turbidity 36.7 NTU's
Measured by DVD
Date/time 2/27/01 12:14

Location Howard Heights Bridge (HHB) Sampled by BOB Date 21 FEB
Rain start time _____ Current weather RAIN Time 1725
Peak stage _____ Current stage 2.48ft FWATER #54
Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-14-01
High-velocity width _____ Low-velocity width _____ HY 01
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments: # 01GR0678

22423
Turbidity 36.3 NTU's
Measured by CF EN
Date/time 3.8.01 10:41

Location HHB Sampled by BOB Date 22 FEB
Rain start time _____ Current weather SHOWERS Time 0720
Peak stage _____ Current stage 5.16ft
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments: # 01GR0679

22423
Turbidity 239 NTU's
Measured by CF EN
Date/time 3.8.01 10:50

Location HHB Sampled by BOB Date 22 FEB
Rain start time _____ Current weather cloudy Time 1755
Peak stage _____ Current stage 3.59ft
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments: # 01GR0680

22423
Turbidity 60.9 NTU's
Measured by CF EN
Date/time 3.8.01 10:52

Location HHB | Sampled by BOB | Date 4 MARCH
Rain start time 1900 MAR 3 | Current weather RAIN | Time 0800
Peak stage _____ | Current stage 1.97 ft. FWATER # 55
Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-14-01 HY01
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

22423
Turbidity 27.5 NTU's
Measured by CF SN
Date/time 3.8.01 10:56

Comments: #01GR0681
~0.49" of Rain since 3MAR 1900

Location HHB | Sampled by BOB | Date 4 MARCH
Rain start time 1900 MAR 3 | Current weather RAIN | Time 1750
Peak stage _____ | Current stage 3.47 ft.
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

22423
Turbidity 97.6 NTU's
Measured by CF SN
Date/time 3.8.01 10:59

Comments: #01GR0682
0.58" RAINFALL SINCE 4 MARCH 0800

Location HHB | Sampled by BOB | Date 5 MARCH
Rain start time 1900 MAR. 3 | Current weather Pt. Cloudy | Time 0725
Peak stage _____ | Current stage 3.35 ft.
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

22423
Turbidity 63.0 NTU's
Measured by CF SN
Date/time 3.8.01 11:02

Comments: #01GR0683
0.40" RAINFALL SINCE 4MAR. 1750

Location BET3a/b Sampled by Cassie F. Date 2/20/01
Rain start time light rain 1½ hours Current weather Overcast, light drops Time 15:00
Peak stage _____ Current stage 7'4 or 0.38'b on staff plate
Culvert size 44"b Culvert flow depth 2.8"b Culvert invert 41.2"b
High-velocity width _____ Low-velocity width _____
Dist.#1 9'9" Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 ↓ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 ↓ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

FWATER #56 COPIED 4-14-01 HY 01

bottle 01GR 0464 Turbidity 44.5 NTU

#9614 22423

Comments:
39.5 01GR NTU → 0483 → Sample taken @ Buttermilk / Upstream from established sample site

Turbidity 39.5 NTU's
Measured by Seth Farhi
Date/time 2/20/01 19:45

Location BET3 Sampled by Seth Farhi Date 2/21/01
Rain start time 1hr45 1hr45min earlier Current weather light rain Time 6:21
Peak stage _____ Current stage 4.5 inches
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

#22423

Comments: 01GS 04165

Turbidity 105 NTU's
Measured by SF
Date/time 3/19/01 13:50

Location Hteights Sampled by Seth Farhi Date 2/21/01
Rain start time 2hrs earlier/just stopped Current weather overcast Time 6:52
Peak stage _____ Current stage 2.21' Feet falling
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

#22423

Comments: 01GR 0466

Turbidity 27.5 NTU's
Measured by SF
Date/time 3/19/01 13:52

Location HH | Sampled by TLC | Date 2/22/00
Rain start time last night | Current weather raining | Time 2:55PM
Peak stage 7 | Current stage 3.77 | rain is slowing
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____ FWATER # 56
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 COPIED 4-14-01
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____ MYOI
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

rained much of night off + on
this is probably After peak...

#0456

Comments:

22423
Turbidity 65.6 NTU's
Measured by CF SW
Date/time 3 8 01 10:16

Location HH | Sampled by TLC | Date 3/4/01
Rain start time last eve. | Current weather showering | Time 9:10 AM
Peak stage _____ | Current stage 2.18
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

#0457

Comments:

22423
Turbidity 35.1 NTU's
Measured by CF SW
Date/time 3 8 01 0827

Location HH | Sampled by TLC | Date 3/4/01
Rain start time _____ | Current weather rain stopped | Time 3:30PM
Peak stage _____ | Current stage 3.53
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

#0458

Comments:

22423
Turbidity 139 NTU's
Measured by CF SW
Date/time 3 8 01 10:50

Location HH | Sampled by TLC | Date 2/17/01
Rain start time early this AM | Current weather clearing | Time 4:40PM
Peak stage now -? | Current stage 1.79 FWATER #57
Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-14-01
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

bottle # 0429

#72423

Comments:

Turbidity Lost NTU's
Measured by CF EN
Date/time 3.8.01 10:09

Location HH | Sampled by TLC | Date 2/18/01
Rain start time _____ | Current weather _____ | Time 11:05 AM
Peak stage _____ | Current stage 2.14
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

#0430

72423

Comments:

Turbidity 38.5 NTU's
Measured by CF EN
Date/time 3.8.01 10:12

Location HH | Sampled by TLC | Date 1/20/01
Rain start time _____ | Current weather rain off & on | Time 1:20 PM
Peak stage _____ | Current stage 2.01
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

bottle #0431

#72423

Comments:

Turbidity 23.4 NTU's
Measured by CF EN
Date/time 3.8.01 10:16

FWATER #58

Watershed Watch / Salmon Forever

HY 01 ISCO Timed Sampling Field Form COPIED 4-14-01 ✓

HY 01

Location MC By CF

Date / Time ISCO started 3-1-01 16:30

Dump # ISCO # SF#2

Started at Bottle # 1

Time Interval Set to 180

Sampling Delay at start? N

Bottle # Display at start was # 1

Counting Down ? Y

Sign-in Sheet Page #

Water in Base? Y overflowed @ #12

Volumes good?

Turbidities By TUM #

Date / Time

Comments: ISCO #4 PUT IN SERVICE ISCO #2 OUT

STRAIGHT NEW BATTERY

supplemental field form

LEAVING BOTTLES 13 THRU 24 IN ISCO

Bottle #	ID #	Time	Stage	Turbidity	
#1	01IS 0468	3-1-01 16:30	74"↓ 0.62	14.9	
#2	0455	3-1-01 19:30		9.12	
#3	0427	3-1-01 22:30		9.63	
#4	0452	3-2-01 01:30		9.39	
#5	0457	3-2-01 04:30		21.1	
#6	0454	3-2-01 07:30		42.9	
#7	0453	3-2-01 10:30		69.2	SAVE
#8	0459	3-2-01 13:30		76.3	SAVE
#9	0456	3-2-01 16:30		47.3	SAVE
#10	0460	3-2-01 19:30		32.8	
#11	0465	3-2-01 22:30		66.2	SAVE
#12	01IS 46	———	OVERFLOW	———	
#13					
#14					
#15					
#16					
#17					
#18					
#19					
#20					
#21					
#22					
#23					
#24					

ISCO Timed FF 2-25-01/excel98/ct/2-25-01

FROM BOTTOM OF CEMENT BRIDGE TO H2O SURFACE = 73"

STRIBUTION ARM STOPPED > 3-11-01

12 & KEPT PUMPING.

C NOT ADVANCE

UPSTREAM HATCHERY PLATE

PLACED BOTTLES #1-#12 = 0.62"

KEPT #13-#24 IN BARREL - ALL CLEAN

Location SEMRB | Sampled by CF | Date 3-1-01
Rain start time | Current weather | Time 13:05
Peak stage | Current stage 1.58 | ID # 01GR 0704
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3

FWATER 59 COPIED 4-14-01 HM/01

Sketch map of high and low velocity strands:

START ISCO 13:00 180 MIN INT.

NO SSC

Sketch cross-section of channel:

TUM # 02423

Comments:
COPIED & PUT IN ELK
4-9-01 C.F

Turbidity 11.1 NTU's
Measured by CF
Date/time 3-1-01 @ 17:31

Location MC | Sampled by CF | Date 3-1-01
Rain start time | Current weather | Time 16:31
Peak stage | Current stage 74" ↓ CEILING | ID # 01GR ~~02GR~~ 0626
Culvert size | Culvert flow depth | Culvert invert COLV
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3

Sketch map of high and low velocity strands:

ISCO CHECK
START ISCO 16:00 180 MIN INT

Sketch cross-section of channel:

NO SSC

TUM # 22423

Comments:

Turbidity 11.4 NTU's
Measured by CF
Date/time 3-4-01 @ 08:30

Location FTR | Sampled by CF | Date 3-1-01
Rain start time | Current weather | Time 17:16
Peak stage | Current stage | ID # 01GR 0703
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3

Sketch map of high and low velocity strands:

NO SSC

Sketch cross-section of channel:

TUM # 22423

Comments:
OBS-3 13.00
WENT TO 9.0
NEXT WAKE UP

Turbidity 8.57 NTU's
Measured by CF
Date/time 3-1-01 @ 17:29

Location BET 2 | Sampled by CF | Date 3-4-01
Rain start time _____ | Current weather _____ | Time 12:07
Peak stage _____ | Current stage 0.82 | ID # 01GR 0723 FWATER #60
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

COPIED & PUT IN BET 4-9-01 CF

COPIED 4-14-01 HY01

Comments: NO SSC

TUM # 22423
Turbidity 13.4 NTU's
Measured by CF
Date/time 3-4-01 @ 12:21

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____ | ID #
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

TUM #
Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____ | ID #
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

TUM #
Turbidity _____ NTU's
Measured by _____
Date/time

Location HH | Sampled by SN | Date 3/3/01
Rain start time _____ | Current weather OVERCAST | Time 17:30
Peak stage _____ | Current stage 1.70 | ID # 01GR 0718 ✓
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

FWATER #61 COPIED 4-14-01 MY 01

NO SSC

15'1" DOWN FROM TOP BRIDGE RAIL

TUM # 22423

Comments: DISCHARGE TAKEN

Turbidity 16.8 NTU's
Measured by CF
Date/time 3-4-01 @ 8:35

Location GG | Sampled by CF/EN | Date 3-3-01
Rain start time _____ | Current weather _____ | Time 12:55
Peak stage _____ | Current stage 68" DOWN FROM EDGE OF CULVERT | ID # 01GR 0722 ✓
Culvert size _____ Culvert flow depth _____ | Culvert invert 149"
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 22423

Comments: NO SSC

Turbidity 17.7 NTU's
Measured by CF
Date/time 3-4-01 @ 8:37

Location GL | Sampled by CF/EN | Date 3.3.01
Rain start time _____ | Current weather _____ | Time 1304 ✓
Peak stage _____ | Current stage _____ | ID # 01GR 0720
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

NO SSC

UPSTREAM STAFF PLATE: 0.86

TUM # 22423

Comments: STAGE: 49" ↓ FROM CONCRETE LINE
ALSO STAGE: 1" ON WOOD

Turbidity 29.1 NTU's
Measured by CF
Date/time 3-4-01 @ 8:34

Location MC | Sampled by CF/EN | Date 3.3.01
Rain start time | Current weather | Time 13:15
Peak stage | Current stage | ID # ✓
Culvert size | Culvert flow depth | Culvert invert 72"
High-velocity width | Low-velocity width | 0719
Dist.#1 | Time #1 | Dist.#1 | Time #1 | FWATER #62
Dist.#2 | Time #2 | Dist.#2 | Time #2 | COPIED 4-14-01
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

NO SSC HY01

ISCO PUMP CONTINUOUSLY RUNNING
DISPLAY SAYS 62 min TIL NEXT SAMPLE
BOTTLE #12 FULL. 1-11 GOOD VOLUME BASE TUM# OF H_2O 02423

Comments: UPSTREAM STAFF PLATE: 0.71

Turbidity 21.7 NTU's
Measured by CF
Date/time 3-4-01 @ 8:41

Location | Sampled by | Date
Rain start time | Current weather | Time
Peak stage | Current stage | ID #
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM #

Comments:

Turbidity NTU's
Measured by
Date/time

Location | Sampled by | Date
Rain start time | Current weather | Time
Peak stage | Current stage | ID #
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM #

Comments:

Turbidity NTU's
Measured by
Date/time

SUN

Location SFMB SFMRB
Sampled by CF/EN/DD
Date 3.11.01
Rain start time
Current weather SUNNY
Time 12:29
Peak stage
Current stage 1.46
ID # 01GR-0805
Culvert size
Culvert flow depth
Culvert invert
High-velocity width
Low-velocity width

Dist.#1	Time #1	Dist.#1	Time #1
Dist.#2	Time #2	Dist.#2	Time #2
Dist.#3	Time #3	Dist.#3	Time #3

Sketch map of high and low velocity strands:
Sketch cross-section of channel:

FWATER #63
CODED 4-14-01
HY01

Comments: W/ DISCHARGE

TUM # 22423
Turbidity 8.51 NTU's
Measured by CF/EN
Date/time 3/11/01 14:40

Location NFELK
Sampled by EN
Date 3.11.01
Rain start time
Current weather SUNNY/CLEAR
Time 13:39
Peak stage
Current stage
ID # 01GR 0806
Culvert size
Culvert flow depth
Culvert invert
High-velocity width
Low-velocity width

Dist.#1 20'10"	Time #1 50.63	Dist.#1 20'10"	Time #1 19.91
Dist.#2 20'10"	Time #2 33.38 (WIND)	Dist.#2	Time #2
Dist.#3 20'10"	Time #3 28.97	Dist.#3	Time #3

Sketch map of high and low velocity strands:
Sketch cross-section of channel:

Comments: W/ DISCHARGE

TUM # 22423
Turbidity 10.5 NTU's
Measured by CF/EN
Date/time 3/11/01 14:40

Location HH
Sampled by EN
Date 3/11/01
Rain start time
Current weather SUNNY/CLEAR
Time 14:45
Peak stage
Current stage 1.45
ID # 01GR 0807
Culvert size
Culvert flow depth
Culvert invert
High-velocity width
Low-velocity width

Dist.#1 23'10"	Time #1 18.97	V=1.26 ft/s	Dist.#1	Time #1
Dist.#2 23.833'	Time #2 18.31	V=1.30	Dist.#2	Time #2
Dist.#3	Time #3 19.54	V=1.22 ft/s	Dist.#3	Time #3

Sketch map of high and low velocity strands:
Sketch cross-section of channel:

V_{AVE} = 1.26 ft/s

Comments: W/ DISCHARGE

TUM # 22423
Turbidity 8.50 NTU's
Measured by CF EN
Date/time 3.11.01 14:47

Location FTR | Sampled by CF | Date 3-12-01
Rain start time _____ | Current weather _____ | Time 16:31
Peak stage _____ | Current stage 0.48 | ID # 01GR ✓
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width FWATER 0627
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____ #63A
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 COPIED 4-14-01
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel: MY 01

Comments: OBS-3 CHECK L 9.00 NO SSC

TUM # 22423
Turbidity 6.34 NTU's
Measured by CF
Date/time 3-12-01 @ 16:35

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____ | ID #
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

TUM #
Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____ | ID #
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

TUM #
Turbidity _____ NTU's
Measured by _____
Date/time

Watershed Watch / Salmon Forever FW ATER #64

HY 01 ISCO Timed Sampling Field Form COPIED 4-14-01

SAT 3 24 01 17:30

HY 01

Location MC By CF Date / Time ISCO started 3 24 01 17:30

Dump # ISCO # Started at Bottle # 1

Time Interval Set to 180 Sampling Delay at start? N

Bottle # Display at start was # 1 Counting Down ? Y

Sign-in Sheet Page # Water in Base? N

Volumes good?

Turbidities By CF TUM # 9614 Date / Time

Comments: ALL FULL

BOTTLES # 1 → 13 FULL rest ~~empty~~ CF

Bottle #	ID #	Time	Stage (STAFF PLATE / UPSTRM gage)	Turbidity
#1	0514	3-24-01 17:30	1.23 74"	28.8
#2	0513	20:30		31.2
#3	0515	23:30		93.8
#4	0512	3-25-01 02:30		164
#5	0526	05:30		74.5
#6	0516	08:30		74.9
#7	0517	11:30		61.5
#8	0525	14:30		49.2
#9	0527	17:30		40.0
#10	0528	20:30		34.1
#11	0529	23:30		29.7
#12	0530	3-26-01 02:30		26.0
#13	0464	05:30		24.5
#14	0463	08:30		21.7
#15	0461	11:30		19.5
#16	0462	14:30		18.5
#17	0466	17:30		16.2
#18	0467	20:30		16.4
#19	0392	23:30		14.1
#20	0446	3-27-01 02:30		13.1
#21	0445	05:30		13.4
#22	0389	08:30		12.0
#23	0395	11:30		12.4
#24	0449	14:30		10.9

TUM ~~9616~~ 9614 CF

ISCO Timed FF 2-25-01/excel98/cf/2-25-01

Location Yaeger | Sampled by JN | Date 12-22-00
Rain start time _____ | Current weather _____ | Time 12:27
Peak stage _____ | Current stage ↓27' 3" conc rail
Culvert size _____ Culvert flow depth _____ | Culvert invert JDR #1 | & PLUS 50-70' to West
High-velocity width _____ | Low-velocity width COPIED
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 4-14-01
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 HY01
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

01GR
0139

See Stage-discharge relationship

CURVATURE of entire rail is ± 12"

7.37 Sec thru @ 40° ANGLE

Comments:

Turbidity 73.0 NTU's
Measured by JN
Date/time 12-23-00 @ 11:17

Location VD RUSSEL SAMPSON | Sampled by JN | Date 12-23-00
Rain start time _____ | Current weather DR122CE | Time 12:41
Peak stage _____ | Current stage 3.85
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 22' Time #1 6.28 sec | Dist.#1 _____ Time #1 _____
Dist.#2 22' Time #2 6.9 Sec | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

01GR
0140

See Stage-discharge relationship

Comments:

Turbidity 108 NTU's
Measured by JN
Date/time 12-23-00 @ 11:32

Location VD CUMMINGS MI 8.15 | Sampled by JN | Date 12-22-00
Rain start time _____ | Current weather _____ | Time 12:54
Peak stage _____ | Current stage ↓84" Conc Invert
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

01GR
0141

Comments:

Turbidity 5.64 NTU's
Measured by JN
Date/time 12-23-00 @ 11:35

Location VD GRIZ | Sampled by JN | Date 12-22-00
Rain start time _____ | Current weather _____ | Time 13:15
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____ ↓ 234" from Concrete Rail
High-velocity width _____ | Low-velocity width _____ UPSTREAM SIDE
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

See discharge relation VDR # 2 01GR
COPIED 4-14-01 0142
HY01

Comments:

Turbidity 20.9 NTU's
Measured by JN
Date/time 12-25-00 @ 11:41

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location Yager | Sampled by JN | Date 12-23-00
Rain start time 12:00 | Current weather RAIN/DRIZZLE | Time 13:31
Peak stage _____ | Current stage ↓27'2" UDR# 3 NY01
Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-14-01
High-velocity width _____ | Low-velocity width _____ | 016R
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____ | 0143
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

67 paces from East Abutment
North (upstream) Side

Comments:

Turbidity 17.1 NTU's
Measured by JN
Date/time 12-27-00 @ 19:08

Location VD SAMPSON | Sampled by JN | Date 12-23-00
Rain start time _____ | Current weather _____ | Time 13:43
Peak stage _____ | Current stage 3.68
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____ | 016R
Dist.#1 20 Time #1 7.64 sec | Dist.#1 _____ Time #1 _____ | 0144
Dist.#2 20 Time #2 6.82 sec | Dist.#2 _____ Time #2 _____
Dist.#3 20 Time #3 5.79 sec | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Velocity 1 at eddy edge
2 at laminar flow
3 at 5-10' into laminar flow

Comments:

Turbidity 25.5 NTU's
Measured by JN
Date/time 12-27-00 @ 19:06

Location VD GRIZ | Sampled by JN | Date 12-23-00
Rain start time _____ | Current weather _____ | Time 14:08
Peak stage _____ | Current stage ↓233 Concrete rail
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____ | 016R
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____ | 0015
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity 24.7 NTU's
Measured by JN
Date/time 12/27/00 @ 19:04

Location VD RAINBOW Sampled by JN Date 1-11-01

Rain start time SUNDAY ? Current weather Clear Time 9:30

Peak stage ______ Current stage ↓ 26' 0 top of concrete rail at So. Pier base

Culvert size ______ Culvert flow depth ______ Culvert invert ______

High-velocity width ______ Low-velocity width ______ VDR #4 → COPIED 4-14-01 MY01

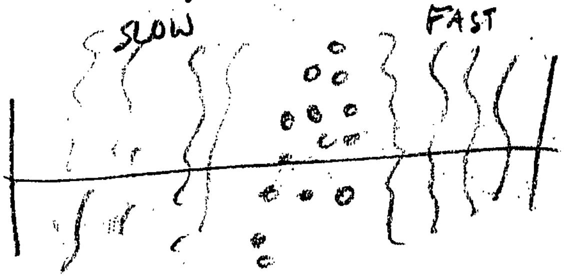
Dist.#1 ______ Time #1 ______ Dist.#1 ______ Time #1 ______

Dist.#2 ______ Time #2 ______ Dist.#2 ______ Time #2 ______

Dist.#3 ______ Time #3 ______ Dist.#3 ______ Time #3 ______

Sketch map of high and low velocity strands: Sketch cross-section of channel:

01GR
0235



Comments:

Turbidity 56.2 NTU's
Measured by JN
Date/time 17:34 1-11-01

Location VD MILE 19.50 Sampled by JN Date 1-11-01

Rain start time ______ Current weather Clear Time 9:48

Peak stage ______ Current stage ______

Culvert size 4' Culvert flow depth 5" Culvert invert 3' 6"

High-velocity width ______ Low-velocity width ______

Dist.#1 10' Time #1 1.53 sec Dist.#1 ______ Time #1 ______

Dist.#2 10 Time #2 1.66 sec Dist.#2 ______ Time #2 ______

Dist.#3 ______ Time #3 ______ Dist.#3 ______ Time #3 ______

Sketch map of high and low velocity strands: Sketch cross-section of channel:

01GR
0236

Comments: CV has 2" concrete bottom

Turbidity 48.3 NTU's
Measured by JN
Date/time 17:34 1-11-01

Location MC Cready Sampled by JN Date 1-11-01

Rain start time ______ Current weather ______ Time 13:08

Peak stage ______ Current stage ↓ 69" Concrete culvert ceiling

Culvert size ______ Culvert flow depth ______ Culvert invert ______

High-velocity width ______ Low-velocity width ______

Dist.#1 5' Time #1 2.70 Dist.#1 ______ Time #1 ______

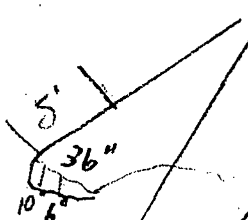
Dist.#2 5 Time #2 2,55 Dist.#2 ______ Time #2 ______

Dist.#3 ______ Time #3 ______ Dist.#3 ______ Time #3 ______

Sketch map of high and low velocity strands: Sketch cross-section of channel:

01GR
0243

copied 4-9-01
CF
Put into Freshwater

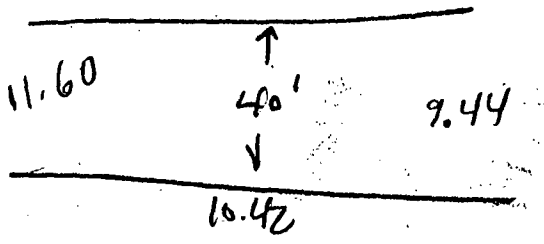


Comments:

Turbidity 41.7 NTU's
Measured by JN
Date/time 1/11/01 @ 17:40

Location VD GRIZZLY | Sampled by JN | Date 1-11-01
Rain start time _____ | Current weather clear | Time 10:07
Peak stage _____ | Current stage ↓ 19'0 Top Concrete rail at Ø
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ VDR #5 4-14-01
High-velocity width _____ | Low-velocity width _____ COPIED
Dist.#1 40 Time #1 10:42 Sec. | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 9.44 | Dist.#2 _____ Time #2 _____ HY01
Dist.#3 _____ Time #3 11.60 | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

01GR
0237

Comments:

Turbidity 50.2 NTU's
Measured by JN
Date/time 17:36 1-11-01

Location VD Help Mi 11:49 | Sampled by JN | Date 1-11-01
Rain start time _____ | Current weather _____ | Time 10:24
Peak stage _____ | Current stage ↓ 20' 1"
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

01GR
0238

Comments:

Turbidity 63.7 NTU's
Measured by JN
Date/time 1/11/01 @ 17:38

Location GG | Sampled by JN | Date 1-11-01
Rain start time _____ | Current weather _____ | Time 12:59
Peak stage _____ | Current stage ↓ 61" } culvert edge
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

copied + put into Freshwater CF 4-9-01

Sketch cross-section of channel:

01GR 0131 — 39.9 NTU

01GR 0132 — 40.0 NTU

Comments:

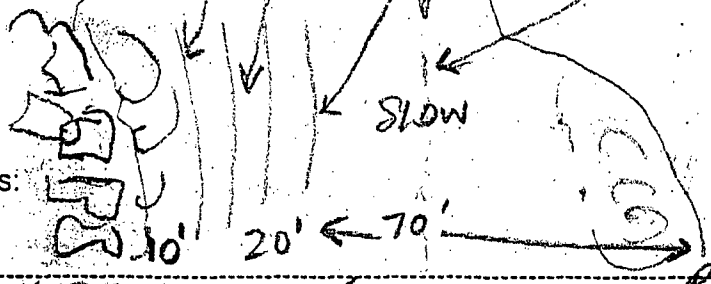
Turbidity _____ NTU's
Measured by JN
Date/time 1-11-01 @ 17:32

approx 1" Rain fell 1-23-01

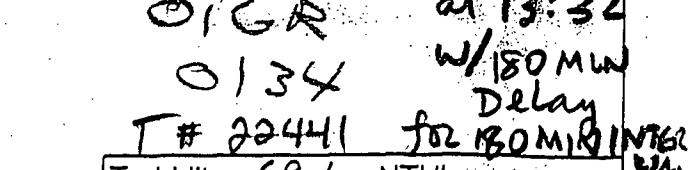
Location V D SAMPSON | Sampled by JN | Date 1-24-01
Rain start time Yesterday AM | Current weather Cloudy | Time 12:35
Peak stage ? FALLING/PEAK ? | Current stage 3.72 | JOB # 6
Culvert size ____ Culvert flow depth ____ | Culvert invert COPIED 4-14-01 MY01
High-velocity width 20 ft | Low-velocity width 50 ft.
Dist.#1 20 ft Time #1 6.23 | Dist.#1 20 Time #1 11.21
Dist.#2 20 ft Time #2 6.31 | Dist.#2 ____ Time #2 ____
Dist.#3 20 ft Time #3 7.03 | Dist.#3 ____ Time #3 ____

12:56 pm Stage 3.69

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



ISCO Set at 13:32 W/180 MIN Delay for 180 MIN INTERVAL

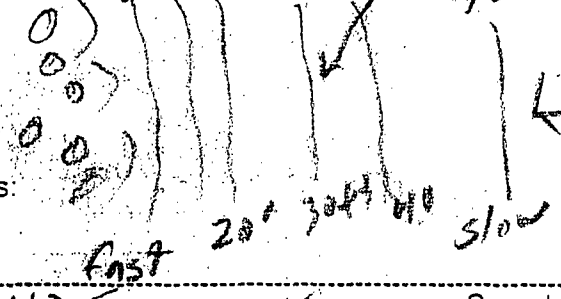
T# 22441 for 180 MIN INTERVAL

Comments:

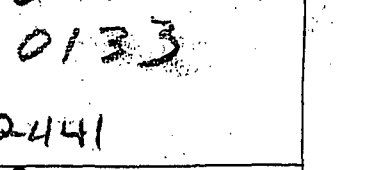
Turbidity 69.1 NTU's
Measured by C.F.
Date/time 1-31@20:04

Location V D SAMPSON | Sampled by RS | Date 1-24-01
Rain start time Yesterday AM | Current weather Cloudy | Time 1:03 pm
Peak stage FALLING/Peak +2" | Current stage 3.69
Culvert size ____ Culvert flow depth ____ | Culvert invert ____
High-velocity width 20 ft | Low-velocity width 50
Dist.#1 20 ft Time #1 9.44 | Dist.#1 70 ft Time #1 9.84
Dist.#2 20 ft Time #2 6.03 | Dist.#2 ____ Time #2 ____
Dist.#3 20 ft Time #3 6.17 | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



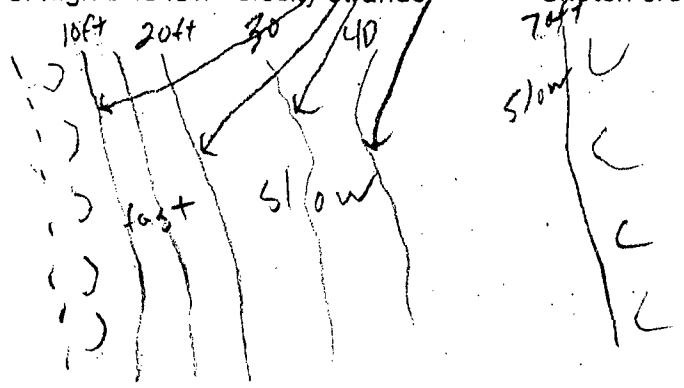
T# 02441

Comments:

Turbidity 66.8 NTU's
Measured by CF
Date/time 1-31-01@ 20:07

Location VD Sampson | Sampled by RS | Date 1-24-01
Rain start time Yesterday AM | Current weather Cloudy | Time 4:45 pm
Peak stage falling | Current stage 3.6
Culvert size ____ Culvert flow depth ____ | Culvert invert ____
High-velocity width 20 ft | Low-velocity width 50 ft
Dist.#1 20 ft Time #1 6.68 | Dist.#1 20 ft Time #1 9.69
Dist.#2 20 ft Time #2 7.44 | Dist.#2 ____ Time #2 ____
Dist.#3 20 ft Time #3 7.41 | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

01GR
0135
T# 22441

Comments:

Turbidity 58.7 NTU's
Measured by CF
Date/time 1-31-01@20:11

Location NF ELK | Sampled by JN | Date 1-23-01
Rain start time AM 11:00 | Current weather RAIN | Time 14:01
Peak stage _____ | Current stage 1.1 VDR # 7 COPIED 4-4-01 HY01
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

~~ISCO had purged 8 samples~~
~~battery problem~~

copied & put into ELK 4-9-01 C.F.

T # 22441

Comments:
ID# OKR 0248

Turbidity 19.3 NTU's
Measured by CF
Date/time 1-30-01 @ 21:25

Location MBSF ELK | Sampled by JN | Date 1-23-01
Rain start time _____ | Current weather DRIZZLE | Time 14:20
Peak stage _____ | Current stage 0.85
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

ISCO had purged 8 or 9 Samples
Battery down / Malfunction

copied & put into Elk 4-9-01 C.F.

T # 22441

Comments: See Discharge sheet

Turbidity 3.79 NTU's
Measured by CF
Date/time 1-30-01 @ 21:31

Location VD RAINBOW | Sampled by JN | Date ~~1-23-01~~ 12-23-00 (moved)
Rain start time 11:AM | Current weather RAIN | Time 16:59
Peak stage _____ | Current stage See USGS
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

See V.D. Field Book

ISCO ~~#1=0142~~ ~~CONSECUTIVE~~ ~~B24=0165~~ 0125

See V.D. RITE IN RAIN BOOK ! 7 SAMPLES TAKEN IN START UP

12-23-00 #8 — 15:45 — 0124 — 22.8 NTU

Comments: 12-27-00 #24 — 9:45 — 0141 — 7.26 NTU

Turbidity _____ NTU's
Measured by _____
Date/time

Location YAGER | Sampled by J NOELL | Date 1/24/01
Rain start time | Current weather SHOWERS | Time 1406
Peak stage | Current stage 27' 8" ↓ CONCRETE RAIL CENTER N SIDE BRIDGE
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1 VDR # 8
Dist.#2 | Time #2 | Dist.#2 | Time #2 COPIED 4-14-01
Dist.#3 | Time #3 | Dist.#3 | Time #3 BY DI
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

01GR
0162

Comments:

Turbidity NTU's
Measured by
Date/time

Location McCready | Sampled by JN | Date 1-25-01
Rain start time | Current weather Showers | Time 15:39
Peak stage | Current stage See HSU discharge
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

HACH
01GR
0381

INSTALLED ISCO, PUMPED SAMPLE 1,2 set Delay for 120 MINUTES.
INTERVAL 120 MINUTES
at 15:40

#3 SAMPLED 17:40

Comments:

Turbidity NTU's
Measured by
Date/time

Location SEEK MB | Sampled by JN | Date 1-26-01
Rain start time | Current weather Clearing, NO RAIN | Time ✓
Peak stage | Current stage 4.01
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

01GR
0053

ISCO #1 PULLED — NOT PUMPING

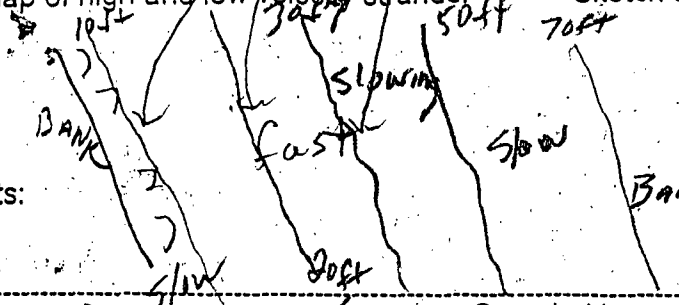
Comments:

Turbidity 56.5 NTU's
Measured by JN
Date/time 2014 1-26-01

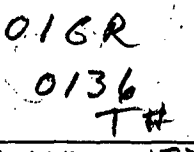
1/2in Rain fell 1-25-01

Location VD Sampson | Sampled by RS | Date 1-25-01
Rain start time AM | Current weather Cloudy | Time 12:00 noon
Peak stage rising | Current stage 3.6 ft | VDR # 9
Culvert size ____ Culvert flow depth ____ | Culvert invert ____ | COPIED 4-14-01 11Y01
High-velocity width 30 ft | Low-velocity width 40 ft
Dist.#1 20 ft Time #1 6.75 | Dist.#1 ____ Time #1 ____
Dist.#2 20 ft Time #2 6.57 | Dist.#2 ____ Time #2 ____
Dist.#3 20 ft Time #3 7.69 | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



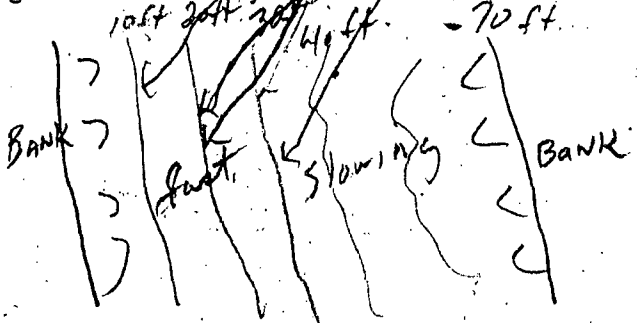
016R
0136
T# 28441

Comments:

Turbidity 470 NTU's
Measured by CF
Date/time 1-31-01 @ 20:13

Location VD Sampson | Sampled by RS | Date 1-25-01
Rain start time AM | Current weather Cloudy - raining | Time 4:00 pm
Peak stage Peak | Current stage 3.9
Culvert size ____ Culvert flow depth ____ | Culvert invert ____
High-velocity width 20 ft | Low-velocity width 50 ft.
Dist.#1 20 ft Time #1 5.84 | Dist.#1 20 ft. Time #1 6.96
Dist.#2 20 ft Time #2 5.97 | Dist.#2 ____ Time #2 ____
Dist.#3 20 ft Time #3 5.81 | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

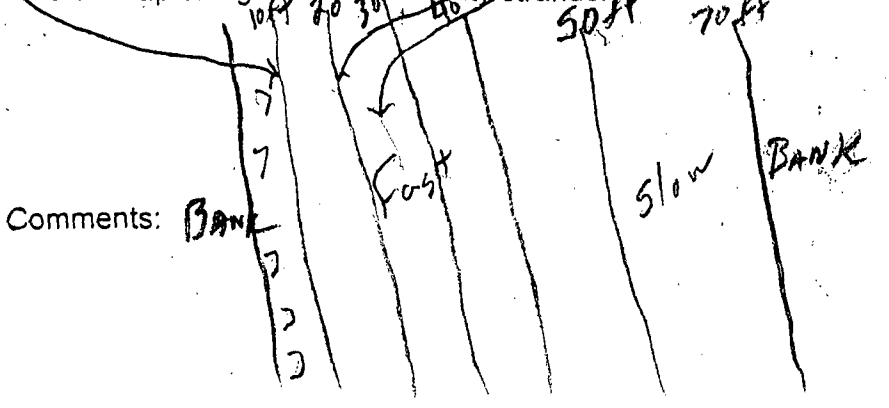
016R
0138
T# 28441

Comments:

Turbidity 233 NTU's
Measured by CF
Date/time 1-31-01 @ 20:16

Location VD Sampson | Sampled by RS | Date 1-26-01
Rain start time 1-25-01 AM | Current weather Clear | Time 11:15 am
Peak stage falling | Current stage 4.2
Culvert size ____ Culvert flow depth ____ | Culvert invert ____
High-velocity width 50 ft | Low-velocity width 20 ft
Dist.#1 20 ft Time #1 4.88 | Dist.#1 ____ Time #1 ____
Dist.#2 20 Time #2 5.31 | Dist.#2 ____ Time #2 ____
Dist.#3 20 Time #3 5.59 | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

016R
0137
T# 28441

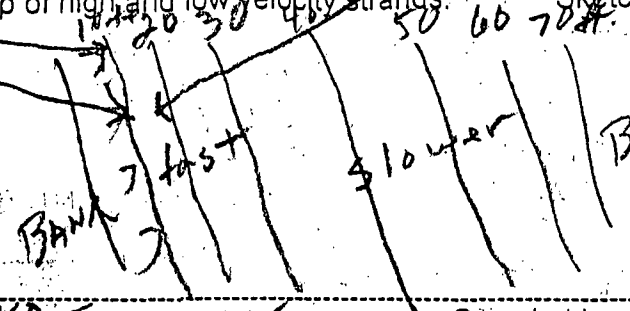
Comments:

Turbidity ~~CF~~ 87.2 NTU's
Measured by ~~DS~~ CF
Date/time 1-31-01 @ 20:20

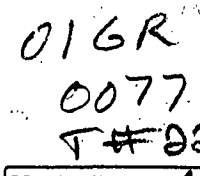
1/2in Rain fell 1-25-01

Location VD Sampson | Sampled by RS | Date 1-26-01
Rain start time 1-25-01 | Current weather Clear | Time 4:20pm
Peak stage falling | Current stage 4.18 | VDR# 10 COPIED 4-14-01 MY01
Culvert size ____ | Culvert flow depth ____ | Culvert invert ____
High-velocity width 20 ft | Low-velocity width 50 ft
Dist.#1 20ft Time #1 5.94 | Dist.#1 ____ Time #1 ____
Dist.#2 20 Time #2 5.72 | Dist.#2 ____ Time #2 ____
Dist.#3 20 Time #3 6.38 | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

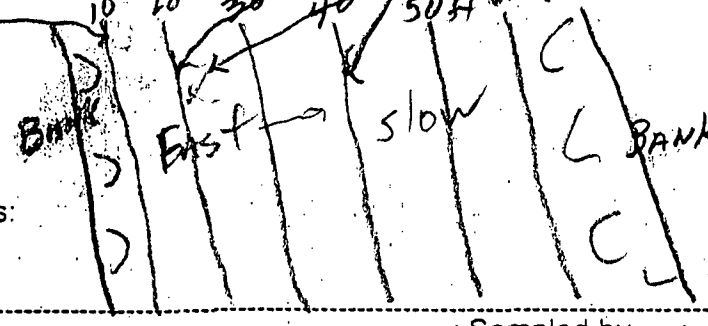


Comments:

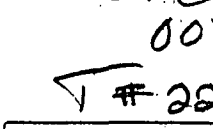
Turbidity 69.9 NTU's
Measured by CF
Date/time 1-31-01 @ 00:02

Location VD Sampson | Sampled by RS | Date 1-27-01
Rain start time 1-25-01 am | Current weather Clear | Time 11:30 AM
Peak stage falling | Current stage 3.82
Culvert size ____ | Culvert flow depth ____ | Culvert invert ____
High-velocity width 40 ft | Low-velocity width 30 ft
Dist.#1 20 ft Time #1 6.75 | Dist.#1 20 ft Time #1 6.38
Dist.#2 20 Time #2 5.40 | Dist.#2 ____ Time #2 ____
Dist.#3 20 ft Time #3 7.90 | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



Comments:

Turbidity 26.4 NTU's
Measured by CF
Date/time 1-31-01 @ 00:04

Location ____ | Sampled by JN | Date 1-27-01
Rain start time ____ | Current weather ____ | Time 16:25
Peak stage ____ | Current stage ____
Culvert size ____ | Culvert flow depth ____ | Culvert invert ____
High-velocity width ____ | Low-velocity width ____
Dist.#1 ____ Time #1 ____ | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ | Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ | Dist.#3 ____ Time #3 ____

Page 27 SIGN-IN

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

@ 16:25 Sta #7 at SAMPSON/VD was set to Sample 360 min delay, 360 min INTERVAL 180 CF/JN

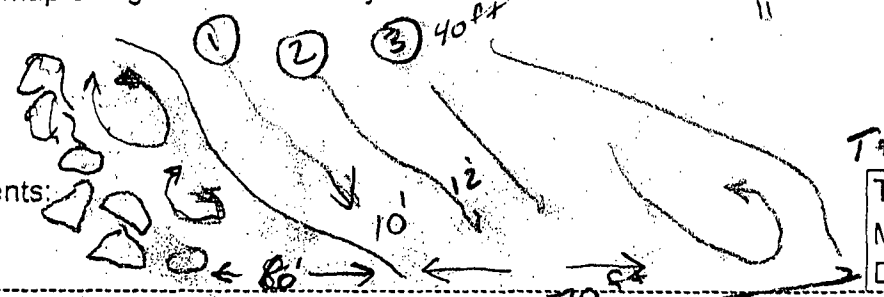
Comments:

Turbidity ____ NTU's
Measured by ____
Date/time

Location VD SAM | Sampled by BOYLE | Date 27 JAN 2001
Rain start time 1/25/01 AM | Current weather sunny + clear | Time 14:30 30
Peak stage FALLING | Current stage 3.78 | VDR # 11 ✓
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ | COPIED 4-14-01 HY01

High-velocity width		Low-velocity width	
Dist.#1	20 ft	Dist.#1	20 ft
Time #1	7.59 sec	Time #1	8.49
Dist.#2	"	Dist.#2	"
Time #2	7.47 sec	Time #2	7.91
Dist.#3	"	Dist.#3	"
Time #3	6.52	Time #3	12.65/12.5

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

Bottle No.
T#22441 01GR0289

Comments:

Turbidity 24.7 NTU's
Measured by CF
Date/time 1-31-01 @ 20:28

Location VDsam | Sampled by SCB | Date 1/27/01
Rain start time _____ | Current weather _____ | Time 15:15 ✓
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1		Dist.#1	
Time #1		Time #1	
Dist.#2		Dist.#2	
Time #2		Time #2	
Dist.#3		Dist.#3	
Time #3		Time #3	

01GR 0183

Sketch map of high and low velocity strands: see sample above

this sample taken in a backwater

Sketch cross-section of channel:

LO VOL

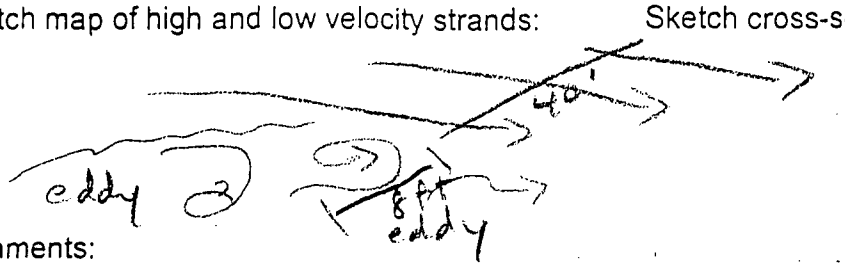
Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location VD SAm | Sampled by Greene | Date 27 Jan 2001
Rain start time 1/25/01 Am | Current weather Sunny/clear | Time 14 ✓
Peak stage Falling | Current stage 3.78'
Culvert size _____ Culvert flow depth _____ | Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1	20'	Dist.#1	20 ft
Time #1	7.59	Time #1	8.49
Dist.#2	"	Dist.#2	"
Time #2	7.47	Time #2	7.91
Dist.#3	"	Dist.#3	"
Time #3	6.52	Time #3	12.65/12.5

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

Bottle #
01GR 01F2 T#22441

Comments:

Turbidity 25.7 NTU's
Measured by CF
Date/time 1-31-01 @ 20:33

Location V D SAMPSON | Sampled by JN | Date 1-27-01
Rain start time 1/25/ | Current weather clear | Time 15:15
Peak stage _____ | Current stage 3.77
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

VOA #12
COPIED 4-14-01
HY 01
01 GR
0186

Sample from backwater

T# 20441

Comments:

Turbidity 22.5 NTU's
Measured by CF
Date/time 1-31-01 @ 20:36

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

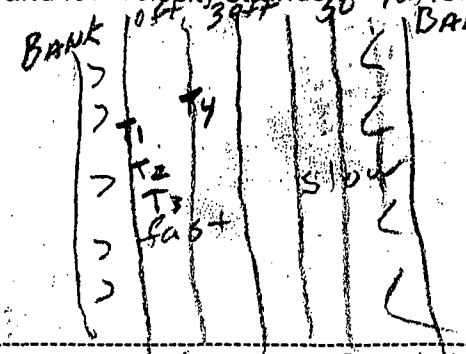
Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location VD Sampson | Sampled by RS | Date 1-28-01
Rain start time 1-25-01 Am | Current weather Clear | Time 11:15 Am
Peak stage Rising | Current stage 3.58 | VDR # 13
Culvert size ____ Culvert flow depth ____ Culvert invert ____ | COPIED ✓ 4-14-01 HY01

High-velocity width 20 ft		Low-velocity width 50 ft	
Dist.#1 20 ft	Time #1 7.6	Dist.#1 20	Time #1 7.69
Dist.#2 20 ft	Time #2 6.53	Dist.#2 ____	Time #2 ____
Dist.#3 20 ft	Time #3 7.62	Dist.#3 ____	Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

016R
0390
TDM # 22423

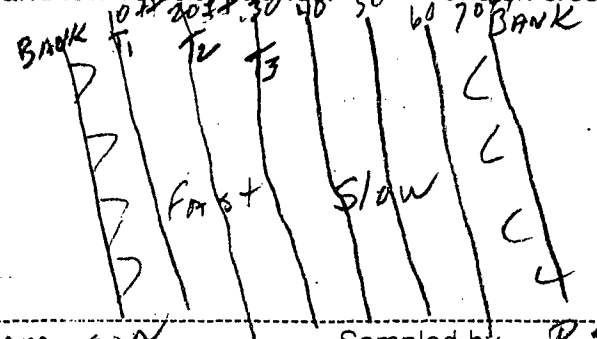
Comments: LD JDL

Turbidity 11.8 NTU's
Measured by CF
Date/time 2-12-01 @ 16:58

Location VD Sampson .58 in | Sampled by RS | Date 1-29-01
Rain start time Light Rain in AM 1-29 | Current weather Clear | Time 11:45 AM ✓
Peak stage Rising | Current stage 3.25
Culvert size ____ Culvert flow depth ____ Culvert invert ____

High-velocity width 20		Low-velocity width 40 ft	
Dist.#1 20ft	Time #1 6.97	Dist.#1 ____	Time #1 ____
Dist.#2 20 ft	Time #2 6.90	Dist.#2 ____	Time #2 ____
Dist.#3 20 ft	Time #3 7.46	Dist.#3 ____	Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

016R
0388
TDM # 22423

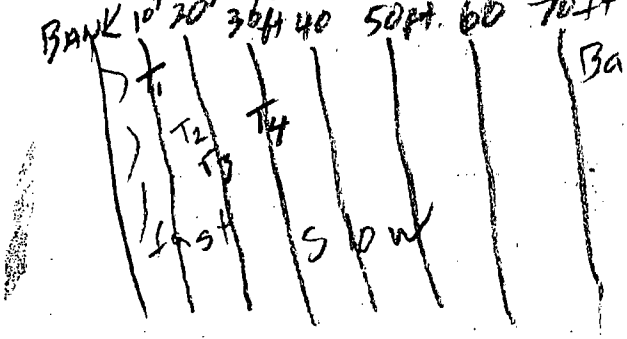
Comments:

Turbidity 20.9 NTU's
Measured by CF
Date/time 2-12-01 @ 17:02

Location VD Sampson | Sampled by RS | Date 1-29-01
Rain start time 1-29-01 AM | Current weather Cloudy | Time 4:45 PM ✓
Peak stage Rising ? | Current stage 3.84 0
Culvert size ____ Culvert flow depth ____ Culvert invert ____

High-velocity width 20		Low-velocity width 40 ft	
Dist.#1 20 ft	Time #1 7.09	Dist.#1 20 ft	Time #1 8.60
Dist.#2 20 "	Time #2 7.57	Dist.#2 20 ft	Time #2 ____
Dist.#3 20 "	Time #3 6.94	Dist.#3 20 ft	Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

016R
0387
TDM # 22423

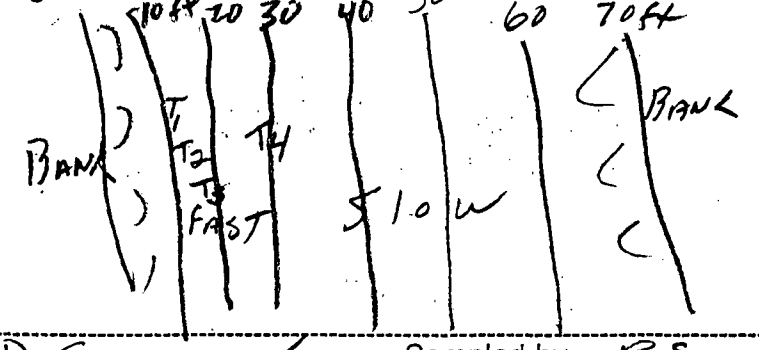
Comments:

Turbidity 47.2 NTU's
Measured by C.F.
Date/time 2-12-01 @ 17:06

Location VD Sampson | Sampled by RS | Date 1-30-01
Rain start time 1-29-01 AM | Current weather Clear | Time 12:30pm
Peak stage falling | Current stage 3.59 | VDR # 14
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ | COPIED 4-14-01 HY01

High-velocity width	20 ft	Low-velocity width	50 ft.
Dist.#1	20 ft	Time #1 7.97	Dist.#1 20 ft.	Time #1 9.53
Dist.#2	20 "	Time #2 8.32	Dist.#2	Time #2
Dist.#3	20 "	Time #3 7.43	Dist.#3	Time #3

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

016R
0391
TUM #22423

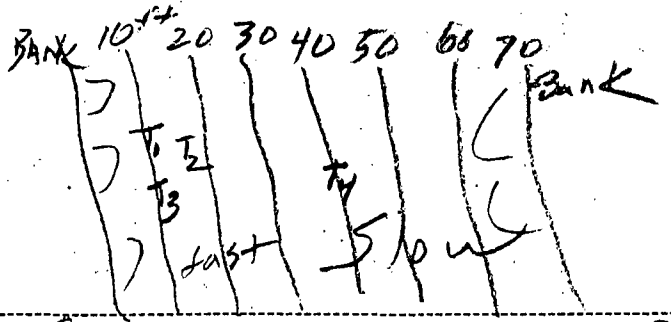
Comments:

Turbidity 14.0 NTU's
Measured by CF
Date/time 2-12-01 @ 17:09

Location VD Sampson | Sampled by RS | Date 1-30-01
Rain start time 1-29-01 | Current weather Clear | Time 5:30pm
Peak stage falling | Current stage 3.55
Culvert size _____ Culvert flow depth _____ | Culvert invert _____

High-velocity width	20 ft	Low-velocity width	50 ft.
Dist.#1	70 ft	Time #1 9.62	T4 Dist.#1	Time #1
Dist.#2	20	Time #2 7.66	Dist.#2	Time #2
Dist.#3	20 "	Time #3 8.72	Dist.#3	Time #3

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

016R
0386
TUM #22423

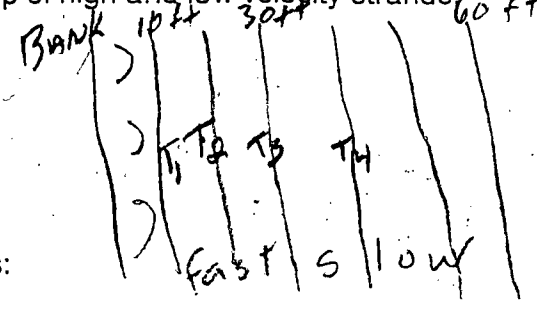
Comments:

Turbidity 14.8 NTU's
Measured by CF
Date/time 2-12-01 @ 17:10

Location VD Sampson | Sampled by RS | Date 1-31-01
Rain start time 1-29-01 | Current weather Clear | Time 1:15pm
Peak stage falling | Current stage 3.40
Culvert size _____ Culvert flow depth _____ | Culvert invert _____

High-velocity width	20'	Low-velocity width	40'
Dist.#1	20'	Time #1 8.38	T4 Dist.#1 20'	Time #1 10.97
Dist.#2	20	Time #2 9.31	Dist.#2	Time #2
Dist.#3	20'	Time #3 9.22	Dist.#3	Time #3

Sketch map of high and low velocity strands:



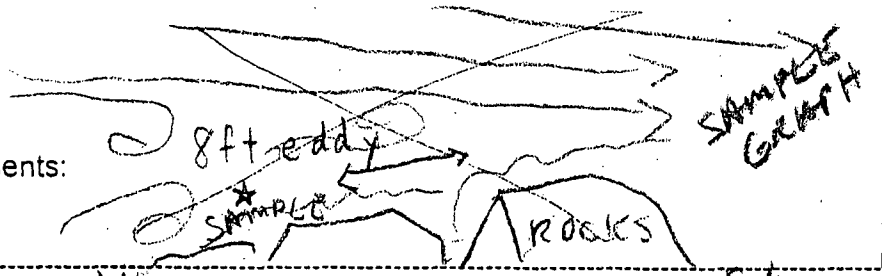
Sketch cross-section of channel:

016R
0389
TUM # 22423

Comments:

Turbidity 7.88 NTU's
Measured by CF 2-12-01 @ 17:13
Date/time

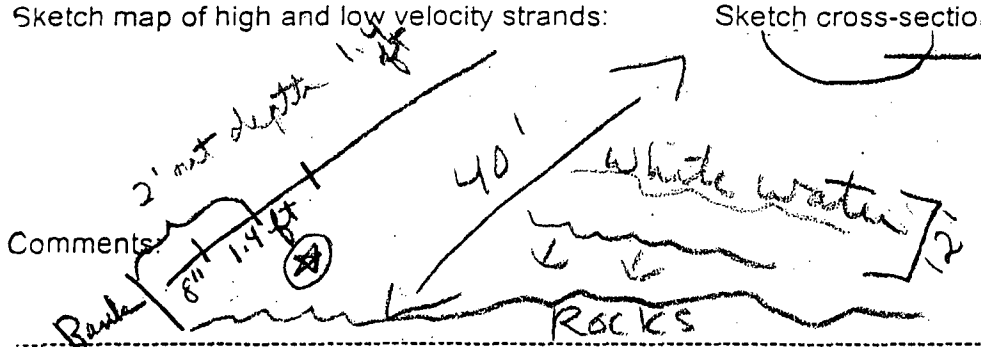
Location_____ Sampled by_____ Date_____
Rain start time _____ Current weather _____ Time_____
Peak stage _____ Current stage _____ JDR # 15
Culvert size_____ Culvert flow depth_____ Culvert invert_____ COPIED 4-14-01
High-velocity width _____ Low-velocity width _____ HY01
Dist.#1_____ Time #1_____ Dist.#1_____ Time #1_____
Dist.#2_____ Time #2_____ Dist.#2_____ Time #2_____
Dist.#3_____ Time #3_____ Dist.#3_____ Time #3_____
Sketch map of high and low velocity strands: Sketch cross-section of channel:



Comments:

Turbidity_____NTU's
Measured by _____
Date/time_____

Location Yagim Sampled by Shannon Date 1-29-01
Rain start time 9PM 1/27 Current weather rain sunny Time 1:50PM
Peak stage _____ Current stage Falling? (*) Bottle 01GR 0184
Culvert size_____ Culvert flow depth_____ Culvert invert_____
High-velocity width 20-30' Low-velocity width 10-12'
Dist.#1 20' Time #1 3.51 Dist.#1 10' Time #1 6.5'
Dist.#2 20' Time #2 3.45 Dist.#2 10' Time #2 6.7
Dist.#3 22' Time #3 3.31 Dist.#3 12' Time #3 6.2
Sketch map of high and low velocity strands: Sketch cross-section of channel:



Comments:

LO VOL NO NTU

Turbidity_____NTU's
Measured by _____
Date/time_____

Location_____ Sampled by_____ Date_____
Rain start time _____ Current weather _____ Time_____
Peak stage _____ Current stage _____
Culvert size_____ Culvert flow depth_____ Culvert invert_____
High-velocity width _____ Low-velocity width _____
Dist.#1_____ Time #1_____ Dist.#1_____ Time #1_____
Dist.#2_____ Time #2_____ Dist.#2_____ Time #2_____
Dist.#3_____ Time #3_____ Dist.#3_____ Time #3_____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity_____NTU's
Measured by _____
Date/time

Location GRIZ | Sampled by S Greene | Date 1-29-01
Rain start time 9PM 1/28/01 | Current weather sunny/fair | Time 3:50 PM
Peak stage ? | Current stage falling?
Culvert size ____ Culvert flow depth ____ Culvert invert 0

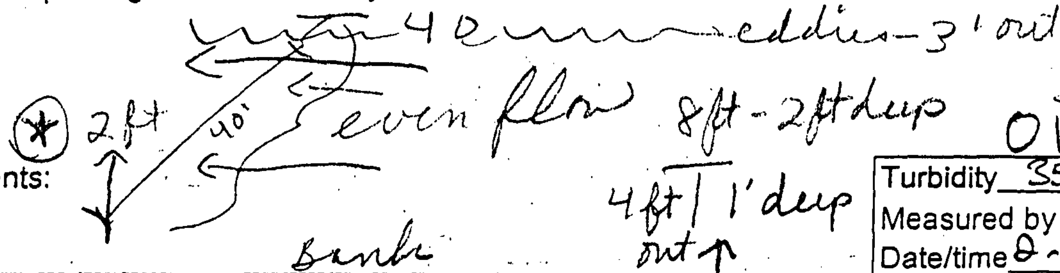
under north side bridge

High-velocity width 35' | Low-velocity width 5'

Dist.		Time		Dist.		Time	
Dist.#1	4'	Time #1	9 sec	Dist.#1	40'	Time #1	13.5
Dist.#2	12'	Time #2	9 sec	Dist.#2	40'	Time #2	12.9
Dist.#3	20'	Time #3	9 sec	Dist.#3	40'	Time #3	13

VDR #16
COR15D 4-11-01
rainfall .65 HY01
9pm 1-28 to 9AM 1-29

Sketch map of high and low velocity strands: | Sketch cross-section of channel:



(*) sample bottle 01GR 0185

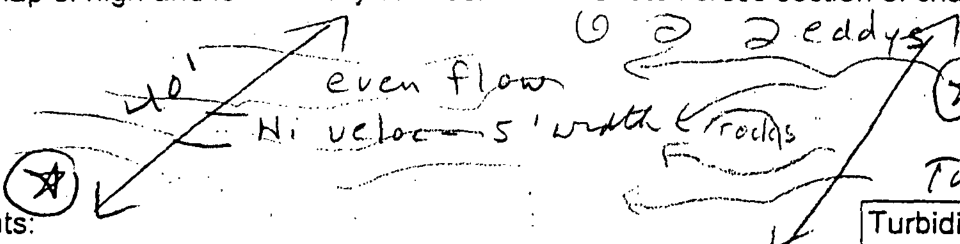
Comments:

Turbidity 35.8 NTU's TUM #22441
Measured by CF
Date/time 2-1-01 @ 20:07

Location GRIZ | Sampled by S GREENE | Date 1-30-01
Rain start time 9PM 1/28/01 | Current weather fair sunny | Time 3:50 PM
Peak stage ____ | Current stage falling
Culvert size ____ Culvert flow depth ____ Culvert invert 0
High-velocity width 5' | Low-velocity width 40'

Dist.		Time		Dist.		Time	
Dist.#1	30'	Time #1	12 sec	Dist.#1	5'	Time #1	11 sec
Dist.#2	20'	Time #2	11 sec	Dist.#2	25'	Time #2	11 sec
Dist.#3	10'	Time #3	11 sec	Dist.#3		Time #3	

Sketch map of high and low velocity strands: | Sketch cross-section of channel:



(*) Bottle 01GR 0181
TUM #02441

Comments:
creek clearing only .65" rain 1/29 AM

Turbidity 16.8 NTU's
Measured by CF
Date/time 2-1-01 @ 20:10

Location ____ | Sampled by ____ | Date ____
Rain start time ____ | Current weather ____ | Time ____
Peak stage ____ | Current stage ____
Culvert size ____ Culvert flow depth ____ Culvert invert ____
High-velocity width ____ | Low-velocity width ____
Dist.#1 ____ Time #1 ____ | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ | Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ | Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

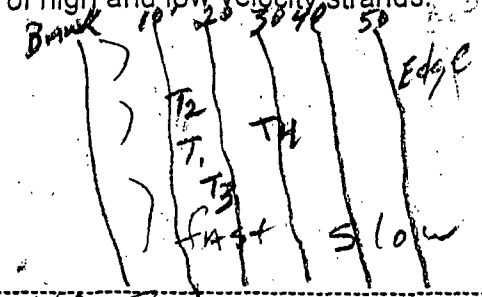
Comments:

Turbidity ____ NTU's
Measured by ____
Date/time

Location VD Sampson | Sampled by RS | Date 2-1-01
Rain start time 1-25-01 | Current weather Cloudy | Time 1:15pm
Peak stage falling | Current stage 3.25 | VDQ # 17
Culvert size ____ | Culvert flow depth ____ | Culvert invert ____ | COPIED 4-14-01

High-velocity width 20 ft | Low-velocity width 30 ft
Dist.#1 20' Time #1 8.40 | Dist.#1 20' Time #1 9.10
Dist.#2 20' Time #2 8.86 | Dist.#2 ____ Time #2 ____
Dist.#3 20' Time #3 9.0 | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

016R
0298
TUM #2423

Comments:

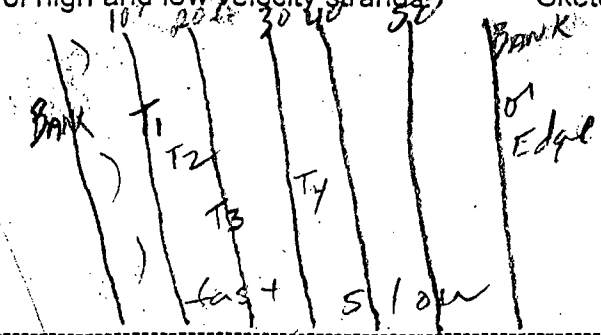
Turbidity 5.10 NTU's
Measured by CF/JK
Date/time 2-12-01 @ 17:16

Location VD Sampson | Sampled by RS | Date 2-2-01
Rain start time AM 2-2-01 light rain snow in hills | Current weather Cloudy | Time 2:15pm
Peak stage falling | Current stage 3.22

Culvert size ____ | Culvert flow depth ____ | Culvert invert ____

High-velocity width 20 ft | Low-velocity width 40 ft
Dist.#1 20 Time #1 8.97 | Dist.#1 20' Time #1 10.12
Dist.#2 20 Time #2 8.87 | Dist.#2 ____ Time #2 ____
Dist.#3 20 Time #3 9.35 | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

016R
0294
TUM #2423

Comments:

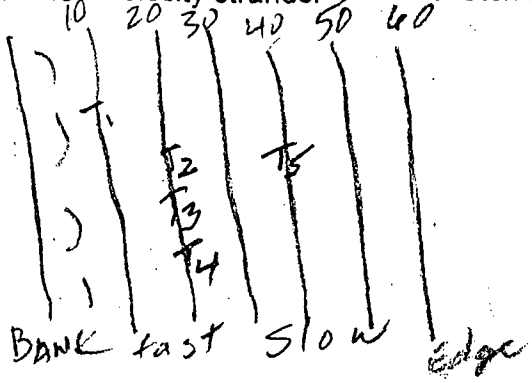
Turbidity 5.16 NTU's
Measured by CF/JK
Date/time 2-12-01 @ 17:19

Location VD Sampson | Sampled by RS | Date 2-3-01
Rain start time 2-2-01 Light rain snow in hills | Current weather Cloudy | Time 12:00pm
Peak stage rising | Current stage 3.42

Culvert size ____ | Culvert flow depth ____ | Culvert invert ____

High-velocity width 20 ft | Low-velocity width 40 ft.
Dist.#1 20' Time #1 7.81 | T1 Dist.#1 20' Time #1 9.37
Dist.#2 20' Time #2 9.50 | T5 Dist.#2 20' Time #2 11.15
Dist.#3 20' Time #3 9.165 | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:



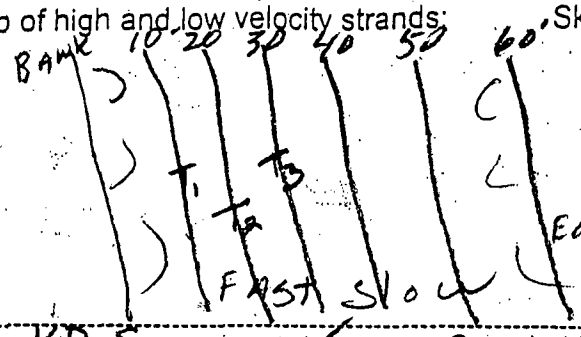
Sketch cross-section of channel:

016R
0293
TUM 2423

Comments:

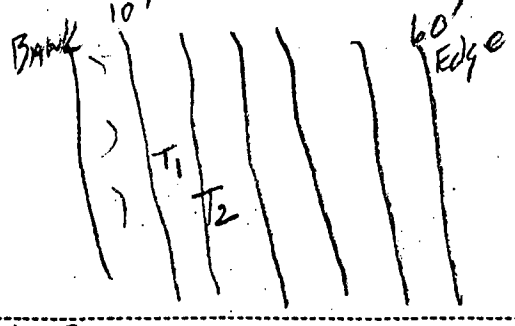
Turbidity 6.65 NTU's
Measured by CF/JK
Date/time 2-12-01 @ 17:21

Location VD Sampson ! Sampled by RS Date 2-4-01
Rain start time 2-2-01 Light snow Current weather Clear Time 1:00 pm
Peak stage rising - snow melt Current stage 3.58 VDI2 # 18
Culvert size ____ Culvert flow depth ____ Culvert invert ____ COPIED M-14-LOT
High-velocity width 20' Low-velocity width 40' 14Y01
T_1 Dist.#1 20 Time #1 8.62 T_3 Dist.#1 20' Time #1 9.19
T_2 Dist.#2 20' Time #2 8.53 Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: Sketch cross-section of channel:



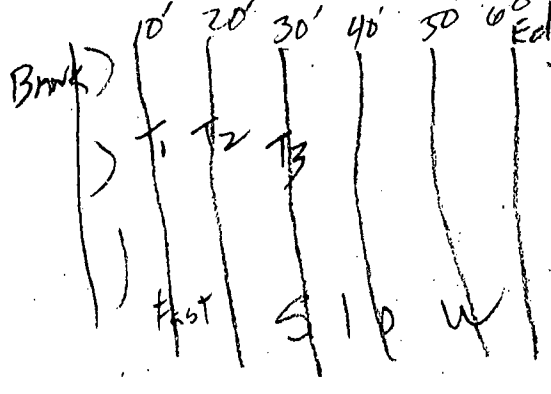
LO VOL NO SSC
OIGR 0304
TUM # 02423
Comments:
Turbidity ____ NTU's
Measured by CF/JK
Date/time 2-12-01 @

Location VD Sampson Sampled by RS Date 2-5-01
Rain start time snow melt Current weather Cloudy Time 1:30 pm
Peak stage falling Current stage 3.578
Culvert size ____ Culvert flow depth ____ Culvert invert ____
High-velocity width 20 Low-velocity width 40'
Dist.#1 20' Time #1 8.47 Dist.#1 ____ Time #1 ____
Dist.#2 20' Time #2 8.8 Dist.#2 ____ Time #2 ____
Dist.#3 20' Time #3 ____ Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: Sketch cross-section of channel:



OIGR 0288
TUM # 02423
Comments:
Turbidity 10.01 NTU's
Measured by CF
Date/time 2-12-01 @ 17:24

Location VD Sampson Sampled by RS Date 2-6-01
Rain start time ? Current weather Clear Time 3.45 pm
Peak stage falling Current stage 3.40
Culvert size ____ Culvert flow depth ____ Culvert invert ____
High-velocity width 20' Low-velocity width 40'
T_1 Dist.#1 20' Time #1 9.5 T_4 Dist.#1 20' Time #1 9.87
T_2 Dist.#2 20' Time #2 9.62 Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

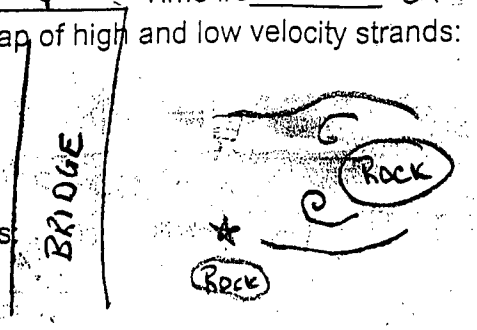


OIGR 0393
TUM # 02423
Comments:
Turbidity 3.24 NTU's
Measured by CF
Date/time 2-12-01 @ 17:27

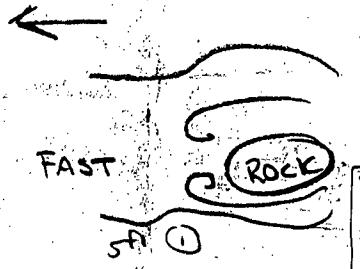
Location GRIZ CREEK | Sampled by GREENE/BOYCE | Date 02/02/01
Rain start time EARLY A.M .25" | Current weather OVERCAST | Time 1600
Peak stage _____ | Current stage dropping | VDR #19 COPIED 4-14-01 → HY01
Culvert size _____ | Culvert flow depth 9 3/8" | Culvert invert _____

High-velocity width 8ft | Low-velocity width 3 ft
Dist.#1 20 ft | Time #1 13.79 | 5ft | Dist.#1 20 ft | Time #1 13.53 | 12ft
Dist.#2 ↓ | Time #2 12.85 | 3ft | Dist.#2 ↓ | Time #2 14.13 | 16ft
Dist.#3 ↓ | Time #3 13.01 | 6ft | Dist.#3 ↓ | Time #3 12.96 | 16ft

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



OIGR Bottle 0052
TUM # 22423

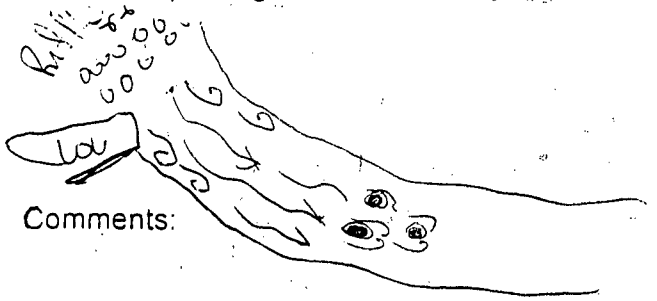
Comments:

Turbidity 7.66 NTU's
Measured by CF
Date/time 2-12-01 @ 17:32

Location VDR HELY CRK | Sampled by Boyle | Date 02/03/01
Rain start time Ø | Current weather overcast | Time 1440
Peak stage _____ | Current stage ↓ 8 3/4" | OIGR - 0210
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____

High-velocity width 3 ft | Low-velocity width 2ft
Dist.#1 20 ft | Time #1 9.06 | Dist.#1 20ft | Time #1 13.43
Dist.#2 ↓ | Time #2 8.45 | Dist.#2 _____ | Time #2 11.97
Dist.#3 ↓ | Time #3 8.29 | Dist.#3 _____ | Time #3 11.34

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

TUM # 22423

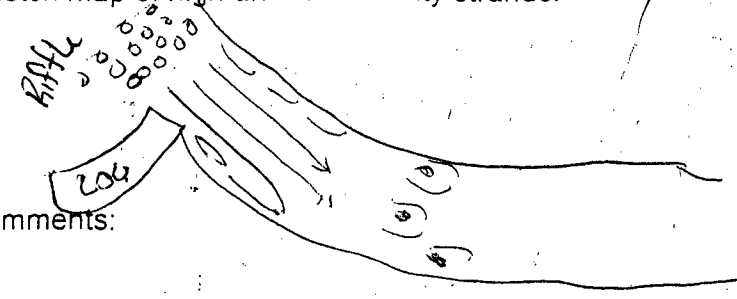
Comments:

Turbidity 6.54 NTU's
Measured by CF
Date/time 2-12-01 @ 17:34

Location VDR HELY CREEK | Sampled by Boyle | Date 05 FEB 01
Rain start time Ø | Current weather overcast | Time 0930
Peak stage _____ | Current stage ↓ 7 1/2 | OIGR 0207
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____

High-velocity width 3ft | Low-velocity width 6ft
Dist.#1 20ft | Time #1 9.34 | Dist.#1 _____ | Time #1 12.52
Dist.#2 ↓ | Time #2 10.15 | Dist.#2 _____ | Time #2 13.67
Dist.#3 ↓ | Time #3 9.29 | Dist.#3 _____ | Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

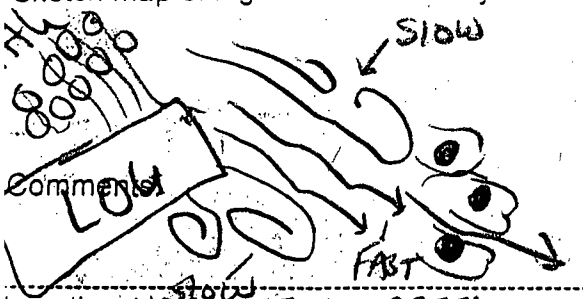
TUM # 22423

Comments:

Turbidity 5.30 NTU's
Measured by CF
Date/time 2-12-01 @ 17:38

Location VDR HELY CREEK | Sampled by Boyle | Date 06 FEB 2001
Rain start time NA | Current weather PARTLY SUNNY | Time 1430
Peak stage _____ | Current stage ↓ 7 1/2" VDR#20 COPIED 4-14-01
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ OIGR
High-velocity width 3 | Low-velocity width 5
Dist.#1 20 Time #1 11.0 | Dist.#1 20ft Time #1 15.21 0209
Dist.#2 | Time #2 10.59 | Dist.#2 | Time #2 18.18 HYD 1
Dist.#3 | Time #3 11.25 | Dist.#3 | Time #3 13.05

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

Clear
TUM # 22423

Comments:

Turbidity 4.85 NTU's
Measured by CF/JK
Date/time 2-12-01 @ 17:40

SLOW

Location VDR HELY CREEK | Sampled by Boyle | Date 07 Feb 01
Rain start time NA | Current weather clear + Sunny | Time 1505
Peak stage _____ | Current stage ↓ 7"
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ OIGR
High-velocity width 2 1/2 ft | Low-velocity width 2 1/2 ft
Dist.#1 20ft Time #1 11.01 | Dist.#1 20ft Time #1 19.41 0049
Dist.#2 _____ Time #2 10.57 | Dist.#2 _____ Time #2 20.05
Dist.#3 _____ Time #3 MISS | Dist.#3 _____ Time #3 1 T.S.

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

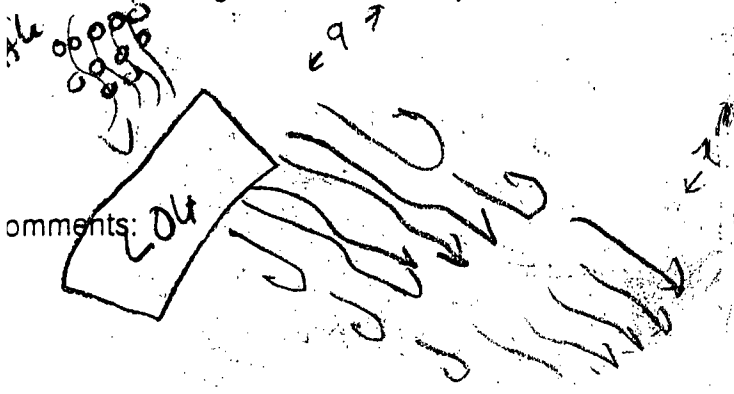
Clear
TUM #22423

Comments:

Turbidity 5.19 NTU's
Measured by CF/JK
Date/time 2-12-01 @ 17:43

Location VDR HELY CREEK | Sampled by Boyle | Date 09 FEB 2001
Rain start time 09 - EARLY A.M. | Current weather rainy | Time 0930
Peak stage _____ | Current stage ↑ 9 1/2"
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ OIGR 0052
High-velocity width 3 1/2 ft | Low-velocity width 2ft
Dist.#1 20 ft Time #1 6.57 | Dist.#1 20 ft Time #1 18.43
Dist.#2 | Time #2 6.85 | Dist.#2 | Time #2 20.01
Dist.#3 | Time #3 6.35 | Dist.#3 | Time #3 10.93

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

turning brown
TUM # 22423

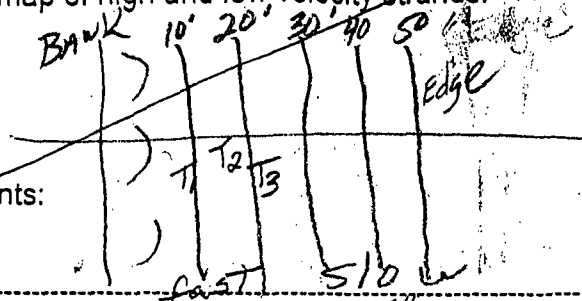
Comments:

Turbidity 43.1 NTU's
Measured by CF/JK
Date/time 2-12-01 @ 17:45

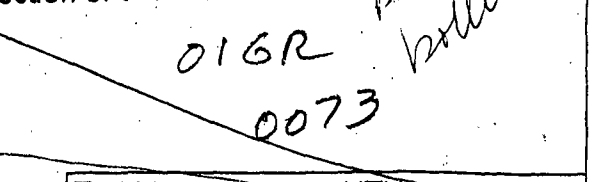
Location VD Sampson | Sampled by RS | Date 2-8-01
Rain start time no rain | Current weather Cloudy | Time 2:30 pm
Peak stage falling | Current stage 3.10 | VDR #21
Culvert size ____ Culvert flow depth ____ Culvert invert ____ | COPIED 4-14-01 | HY 01
High-velocity width 20 | Low-velocity width 30

T1 Dist.#1 20' Time #1 10.88 | Dist.#1 20 Time #1 ____
T2 Dist.#2 20' Time #2 11.68 | Dist.#2 20' Time #2 ____
T3 Dist.#3 20' Time #3 12.09 | Dist.#3 20' Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



placed bottle
016R
0073

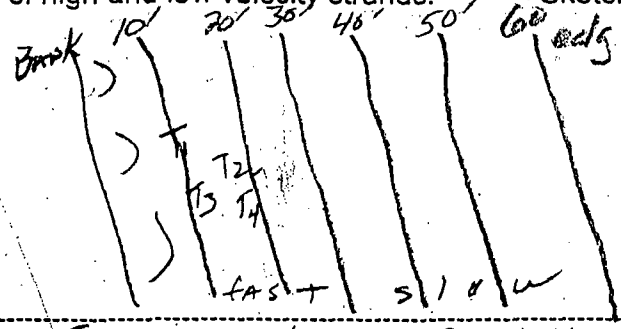
Comments:

Turbidity ____ NTU's
Measured by ____
Date/time ____

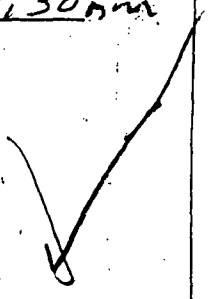
Location VD Sampson | Sampled by RS | Date 2-10-01
Rain start time 2-9-01 pm rain in Hills, snow in | Current weather Clear | Time 11:30 am
Peak stage rising | Current stage 3.55
Culvert size ____ Culvert flow depth ____ Culvert invert ____
High-velocity width 20 ft | Low-velocity width 40 ft

T1 Dist.#1 20' Time #1 7.09 | T4 Dist.#1 20 Time #1 8.83
T2 Dist.#2 20' Time #2 8.11 | Dist.#2 ____ Time #2 ____
T3 Dist.#3 20' Time #3 7.07 | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



016R
0392
22423

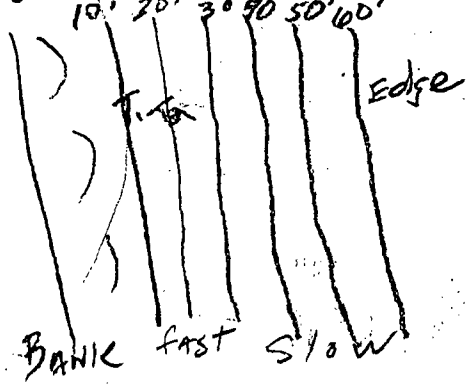
Comments:

Turbidity 76.8 NTU's
Measured by CF SN
Date/time 2 23 01 14:14

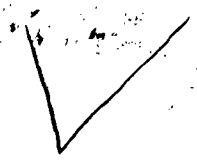
Location VD Sampson | Sampled by RS | Date 2-11-01
Rain start time 2-9-01 - raining | Current weather Cloudy, rain | Time 1:00 pm
Peak stage rising | Current stage 3.575
Culvert size ____ Culvert flow depth ____ Culvert invert ____
High-velocity width 20 ft | Low-velocity width 40 ft

T1 Dist.#1 20' Time #1 7.32 | Dist.#1 ____ Time #1 ____
T2 Dist.#2 20' Time #2 7.88 | Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



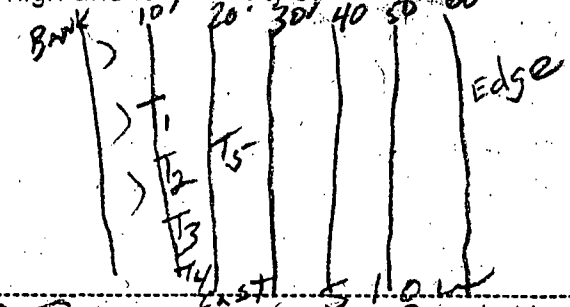
016R
0076
22423

Comments:

Turbidity 32.4 NTU's
Measured by CF SN
Date/time 2 23 01 14:17

Location VD Sampson | Sampled by RS | Date 2-12-01
Rain start time 2-11-01 1.53 inches snow in Hills | Current weather Clear | Time 3:00 pm
Peak stage falling | Current stage 3.4 | VDR # 22
Culvert size ____ | Culvert flow depth ____ | Culvert invert ____ | COPIED 4-14-01 HY 01
High-velocity width 20' | Low-velocity width 40'
Dist.#1 20' Time #1 9.90 | T_4 Dist.#1 20' Time #1 7.43
Dist.#2 20' Time #2 7.81 | T_5 Dist.#2 20' Time #2 8.34
Dist.#3 20' Time #3 9.19 | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

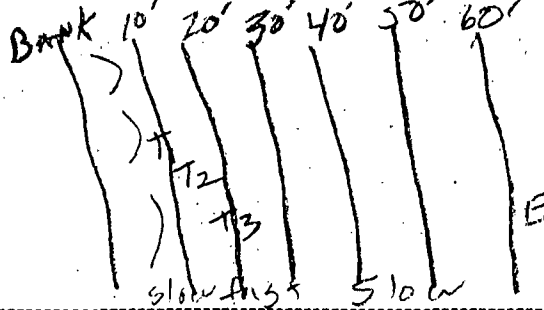
016R
0078
TUM 72423

Comments:

Turbidity 25 NTU's
Measured by CF EN
Date/time 2-13-01 14:20

Location VD Sampson | Sampled by RS | Date 2-13-01
Rain start time 2-11-01 | Current weather Clear | Time 3:30 pm
Peak stage falling | Current stage 3.32
Culvert size ____ | Culvert flow depth ____ | Culvert invert ____
High-velocity width 20' | Low-velocity width 40'
Dist.#1 20' Time #1 9.22 | Dist.#1 ____ Time #1 ____
Dist.#2 20' Time #2 10.25 | Dist.#2 ____ Time #2 ____
Dist.#3 20' Time #3 7.96 | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

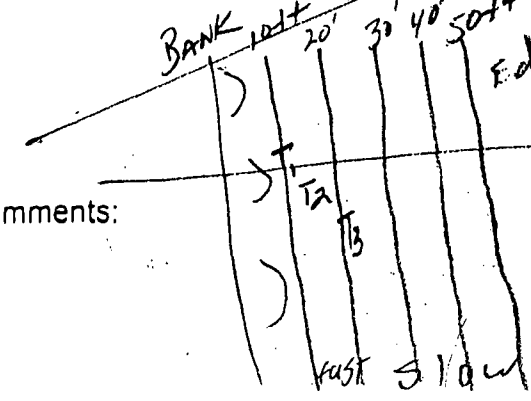
016R
0075
TUM 72423

Comments:

Turbidity 10.4 NTU's
Measured by CF EN
Date/time 2-13 14:23

Location VD Sampson | Sampled by RS | Date 2-14-01
Rain start time 2-11-01 | Current weather ____ | Time 2:30 pm
Peak stage falling | Current stage 3.25
Culvert size ____ | Culvert flow depth ____ | Culvert invert ____
High-velocity width 10' | Low-velocity width 40'
T_1 Dist.#1 20' Time #1 10.41 | Dist.#1 ____ Time #1 ____
T_2 Dist.#2 20' Time #2 9.03 | Dist.#2 ____ Time #2 ____
T_3 Dist.#3 30' Time #3 10.82 | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

016R
0216

needed bottle

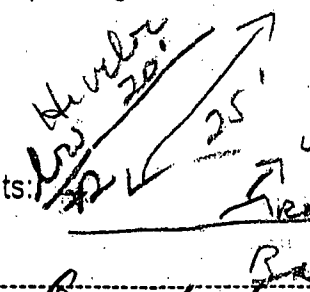
Comments:

Turbidity ____ NTU's
Measured by ____
Date/time

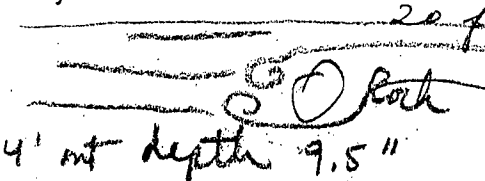
Location Grizzly Creek ! Sampled by Greene Date 2-9-01
Rain start time 10 PM - 2-8-01 Current weather overcast rain Time 11:04 AM
Peak stage ? Current stage rising VDR # 23
Culvert size _____ Culvert flow depth _____ Culvert invert COPIED 4-14-01 rainfall .55"
HY01

High-velocity width		Low-velocity width	
Dist.#1 5'	Time #1 11 sec	Dist.#1 2'	Time #1 14 sec
Dist.#2 12'	Time #2 10 sec	Dist.#2 25'	Time #2 11 sec
Dist.#3 15'	Time #3 11 sec	Dist.#3 17'	Time #3 11 sec

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



* Bottle 016R
TUM # 22423 0163

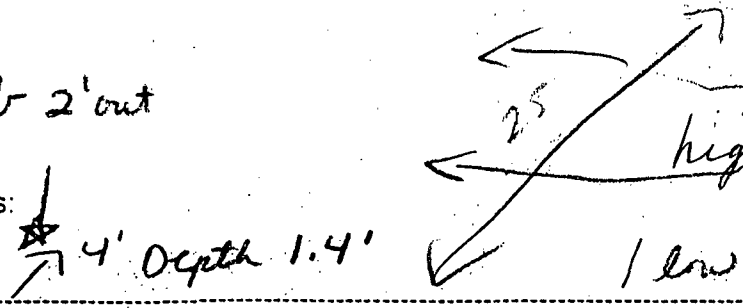
Comments:

Turbidity 41.9 NTU's
Measured by CF/DVD
Date/time 2-14-01/1832

Location Grizzly Creek Sampled by Greene Date 2-9-01
Rain start time 10 PM - 2/8/01 Current weather rain Time 6:12 PM
Peak stage _____ Current stage rising
Culvert size _____ Culvert flow depth _____ Culvert invert _____ rainfall .65" Total 1.20"

High-velocity width 20'		Low-velocity width 2' each bank	
Dist.#1 12'	Time #1 7 sec	Dist.#1 2'	Time #1 9 sec
Dist.#2 14'	Time #2 7 sec	Dist.#2 3'	Time #2 9 sec
Dist.#3 10'	Time #3 7 sec	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

* Bottle # 01GR 0164
TUM # 22423

Comments:

Turbidity 112 NTU's
Measured by CF/DVD
Date/time 2-14-01/1837

Location _____ Sampled by _____ Date _____
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width		Low-velocity width	
Dist.#1 _____	Time #1 _____	Dist.#1 _____	Time #1 _____
Dist.#2 _____	Time #2 _____	Dist.#2 _____	Time #2 _____
Dist.#3 _____	Time #3 _____	Dist.#3 _____	Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Turbidity _____ NTU's
Measured by _____
Date/time

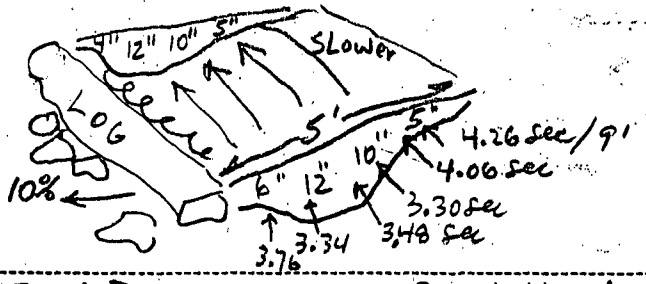
Comments: These grabs are from the north side of the bridge from yellow flag to 20' downstream

Location Hely V. D. | Sampled by J. NOELL | Date 2-9-01
Rain start time LAST NITE | Current weather RAIN | Time 12:54 ✓
Peak stage RISING See (15:18) | Current stage ↓ 20' 1" TOP OF METAL GUARD RAIL
Culvert size ____ Culvert flow depth ____ | Culvert invert ____

OIGR 0571 VDR# 24 COPIED 4-14-01 MY01

High-velocity width ____ | Low-velocity width ____
Dist.#1 9' Time #1 3.30 | Dist.#1 9 Time #1 4.26
Dist.#2 9' Time #2 3.48 | Dist.#2 9 Time #2 4.06
Dist.#3 9' Time #3 3.34 | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

See V. D. RITE IN RAIN BOOK for original notes

TUM # 22423

Comments: 5-10% ←

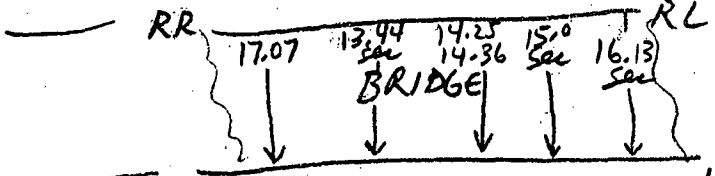
Turbidity 385 NTU's
Measured by CF
Date/time 2-11-01 @ 14:52

Location GRIZ V. D | Sampled by J. NOELL | Date 2-9-01
Rain start time NITE | Current weather RAIN | Time 13:24 ✓
Peak stage RISING | Current stage ↓ 19' 5" CONC RAIL UPSTREAM Ø
Culvert size ____ Culvert flow depth ____ | Culvert invert ____

OIGR 0572

High-velocity width ____ | Low-velocity width ____
Dist.#1 ____ Time #1 ____ | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ | Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

TUM # 22423

Comments: for depths see discharge sheet for PRICE AA 2-9-01 (ESTIMATED (taken 10' upstream)

Turbidity 82.0 NTU's
Measured by CF
Date/time 2-11-01

Location GRIZ V.D. | Sampled by J. NOELL | Date 2-9-01
Rain start time NITE | Current weather RAIN | Time 14:24 ✓
Peak stage RISING | Current stage ↓ 19' 4½" @ 14:05
Culvert size ____ Culvert flow depth ____ | Culvert invert ____

OIGR 0568

High-velocity width See ABOVE SAMPLE | Low-velocity width See ABOVE
Dist.#1 ____ Time #1 ____ | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ | Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

TUM # 22423

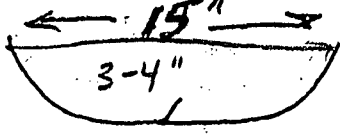
Comments:

Turbidity 87.0 NTU's
Measured by CF
Date/time 2-11-01 @ 14:58

Location MI 18.57 VD | Sampled by J NOELL | Date 2-9-01
Rain start time NITE | Current weather RAIN | Time 14:54 ✓
Peak stage _____ | Current stage ↓43" in 48" CV W/CEMENT PATCH IN BOTTOM CV
Culvert size _____ | Culvert flow depth 3-4" | Culvert invert _____
High-velocity width 2'/sec EST | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 COPIED

016R 0569
VDR #25 4-14-01
HY 01

Sketch map of high and low velocity strands: | Sketch cross-section of channel:



TUM #2423

Comments: previous MEASUREMENT/ESTIMATE OF DISCHARGE at THIS Stage

Turbidity 21.8 NTU's
Measured by CF
Date/time 2-11-01 @ 15:01

Location GRIZ V.D | Sampled by J NOELL | Date 2-9-01
Rain start time _____ | Current weather RAIN | Time 15:04 ✓
Peak stage _____ | Current stage ↓19' 3½"
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

016R 0570

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

SEE DISCHARGE SHEET
PREVIOUS SAMPLE
FROM BRIDGE W/UEL

TUM #02423

Comments:

Turbidity 89.2 NTU's
Measured by CF
Date/time 2-11-01 @ 15:04

Location HELY V.D | Sampled by J NOELL | Date 2-9-01 ✓
Rain start time NITE | Current weather RAIN | Time 15:18
Peak stage RISING | Current stage ↓19' 11"
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

016R 0566

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

See 2-9-01 @ 12:54 for DRAWING/DISCHAGE

TUM # 02423

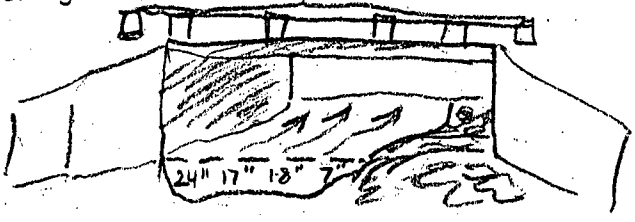
Comments:

Turbidity 138 NTU's
Measured by CF
Date/time 2-11-01 @ 15:06

Location CUMMINGS V.D. Sampled by J NOELL Date 2-9-01
Rain start time _____ Current weather RAIN Time 15:53
Peak stage _____ Current stage ↓ 10'9" GRAIL = 84" ↓ concrete ceiling of C.V.J
Culvert size _____ Culvert flow depth _____ Culvert invert JDR # 26
High-velocity width _____ Low-velocity width COPIED 4-14-01 ✓
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 HYDI
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

016R
0565
DIS BOTTLE USED FOR GRAB

Sketch map of high and low velocity strands: Sketch cross-section of channel:



Comments:

TUM 22423

Turbidity 14.6 NTU's
Measured by CF
Date/time 2-11-01 @ 15:16

Location YAGER VD Sampled by JN Date 2-9-01
Rain start time NITE Current weather RAIN Time 15:54 ✓
Peak stage _____ Current stage ↓ 28'2"
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

016R
0573

Sketch map of high and low velocity strands: Sketch cross-section of channel:

Yager IS NOTICABLY Clear/clean Compared W/ HELY & GRIZ

TUM #22423

Comments:

Turbidity 9.13 NTU's
Measured by CF
Date/time 2-11-01 @ 15:18

Location GRIZ Sampled by JN Date 2-9-01
Rain start time NITE Current weather RAIN Time 15:04
Peak stage RISING Current stage ↓ 19' 3½"
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

016R
0570

Sketch map of high and low velocity strands: Sketch cross-section of channel:

See DISCHARGE SHEET, PREVIOUS SAMPLE FROM BRIDGE W/ VELOCITY

TUM #22423

DOUBLE

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location VD GR12 Sampled by TN Date 2-9-01
Rain start time _____ Current weather _____ Time 13:24 → 15:04
Peak stage _____ Current stage 19' 3½"
Culvert size _____ Culvert flow depth _____ Culvert invert _____

QGR
0101
0013
VDR #27
COPIED 4-14-01
HY01

High-velocity width _____	Low-velocity width _____
Dist.#1 _____ Time #1 _____	Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____	Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____	Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

Depth Integrated @ Discharge

TUM 22423

Comments:

Turbidity 86.7 NTU's
Measured by CF
Date/time 2-11-01 @ 15:25

Location _____ Sampled by _____ Date _____
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____	Low-velocity width _____
Dist.#1 _____ Time #1 _____	Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____	Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____	Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ Sampled by _____ Date _____
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____

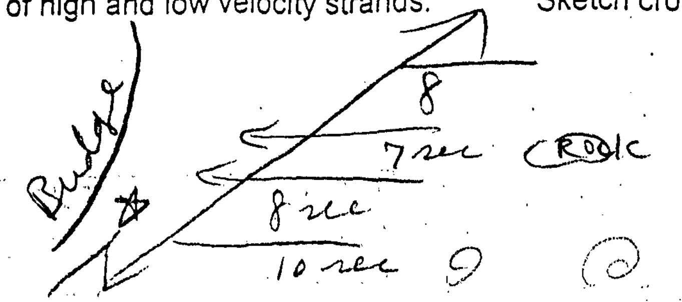
High-velocity width _____	Low-velocity width _____
Dist.#1 _____ Time #1 _____	Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____	Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____	Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location Grizzly Sampled by Greene Date 2-12-01
Rain start time 2/11 Current weather Fair Time 9:50 Am
Peak stage ____ Current stage falling VDR # 28
Culvert size ____ Culvert flow depth ____ Culvert invert ____ COPIED 4-14-01
High-velocity width 20' Low-velocity width 4 WY 01
Dist.#1 10' Time #1 7 sec Dist.#1 2' Time #1 10 sec
Dist.#2 15' Time #2 8 sec Dist.#2 4' Time #2 10 sec
Dist.#3 20' Time #3 8 sec Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: Sketch cross-section of channel:



Grab 4' out
Bottle N0016R
TDM 22423 0165
LD VOL

Comments:

Turbidity 21.4 NTU's
Measured by CF
Date/time 2-14-01 11:05

Location ____ Sampled by ____ Date ____
Rain start time ____ Current weather ____ Time ____
Peak stage ____ Current stage ____
Culvert size ____ Culvert flow depth ____ Culvert invert ____
High-velocity width ____ Low-velocity width ____
Dist.#1 ____ Time #1 ____ Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity ____ NTU's
Measured by ____
Date/time ____

Location ____ Sampled by ____ Date ____
Rain start time ____ Current weather ____ Time ____
Peak stage ____ Current stage ____
Culvert size ____ Culvert flow depth ____ Culvert invert ____
High-velocity width ____ Low-velocity width ____
Dist.#1 ____ Time #1 ____ Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity ____ NTU's
Measured by ____
Date/time ____

Location Grizzly Sampled by Greene Date 2-17
Rain start time 00 3 AM Current weather rain Time 2:50 PM
Peak stage ______ Current stage rising
Culvert size ______ Culvert flow depth ______ Culvert invert ______
High-velocity width 15' Low-velocity width 8'
Dist.#1 10' Time #1 5 sec Dist.#1 2' Time #1 8
Dist.#2 10' Time #2 5 sec Dist.#2 2' Time #2 8.5
Dist.#3 10' Time #3 4.5 sec Dist.#3 ______ Time #3 ______

VDR #29 COPIED 4-14-01
3AM - 9AM .5"
9AM - 2PM .6"
HY01

Sketch map of high and low velocity strands:
Sketch cross-section of channel:

Low 4'
Hi velo 15
low 4'

Bottle #
016R
TUM# 22423 0166

Comments: Grab 13" 4' out from rock

Turbidity 397 NTU's
Measured by CF EN
Date/time 2 23 01 14 28

Location Grizzly Sampled by Greene Date 2-17
Rain start time 00 3 AM Current weather overcast showers Time 5:25 PM
Peak stage ______ Current stage rising
Culvert size ______ Culvert flow depth ______ Culvert invert ______
High-velocity width 20' Low-velocity width 6'
Dist.#1 10' Time #1 4:59 sec Dist.#1 6' Time #1 7:37
Dist.#2 12' Time #2 4.33 sec Dist.#2 7' Time #2 7:59
Dist.#3 10' Time #3 4:45 sec Dist.#3 ______ Time #3 ______

Sketch map of high and low velocity strands:
Sketch cross-section of channel:

5' low
25'
5' low
eddies
Rock

016R
0167
TUM# 22423

Comments: Grab measured depth 16"

Turbidity 191 NTU's
Measured by CF EN
Date/time 2 23 01 14:29

Location Grizzly Sampled by Greene Date 2-18
Rain start time 3AM 2-17 Current weather p cloudy Time 3:05 PM
Peak stage ______ Current stage falling
Culvert size ______ Culvert flow depth ______ Culvert invert ______
High-velocity width 16' Low-velocity width 6'
Dist.#1 ______ Time #1 4:82 sec Dist.#1 ______ Time #1 6:66 sec
Dist.#2 ______ Time #2 5:28 sec Dist.#2 ______ Time #2 6:74 sec
Dist.#3 ______ Time #3 5:48 Dist.#3 ______ Time #3 ______

Sketch map of high and low velocity strands:
Sketch cross-section of channel:

016R
0168

I had to empty & clean this bottle for a bottle sample ML-7

Comments:

Turbidity ______ NTU's
Measured by ______
Date/time

Location Grizzly Sampled by Greene Date 2-20-01
Rain start time 00 11PM Current weather Rain Time 9:25 AM
Peak stage ______ Current stage rising VDRH 30
Culvert size ______ Culvert flow depth ______ Culvert invert COPIED 4-14-01 1.5"
High-velocity width ______ Low-velocity width HY01 last 9 hrs
Dist.#1 ______ Time #1 ______ Dist.#1 ______ Time #1 ______
Dist.#2 ______ Time #2 ______ Dist.#2 ______ Time #2 ______
Dist.#3 ______ Time #3 ______ Dist.#3 ______ Time #3 ______
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity ______ NTU's
Measured by ______
Date/time ______

(I had to run into town to teach) S. (I had to run in to teach)

Location Grizzly Sampled by Greene Date 2-20-01
Rain start time 00 11PM 2/19 Current weather rain Time 9:25 AM
Peak stage ______ Current stage rising
Culvert size ______ Culvert flow depth ______ Culvert invert ______
High-velocity width ______ Low-velocity width ______ 1.5"
Dist.#1 12' Time #1 ~~4:16~~ 4:16 Dist.#1 2' Time #1 5:58 last 9 hrs
Dist.#2 12' Time #2 3:59 Dist.#2 3 Time #2 6:4
Dist.#3 12' Time #3 3:58 Dist.#3 ______ Time #3 ~~6:4~~
Sketch map of high and low velocity strands: Sketch cross-section of channel:

016R
0168

I cannot find this bottle - will look at places it was - is it was in my pockets

Comments: Depth 17" (4' out)

Turbidity ______ NTU's
Measured by ______
Date/time ______

Location Grizzly Sampled by Greene Date 2/20
Rain start time 0011PM 2/19 Current weather drizzle Time 16:20 PM
Peak stage ______ Current stage falling
Culvert size ______ Culvert flow depth ______ Culvert invert ______ 1.8" since 11PM 2/19
High-velocity width ______ Low-velocity width ______
Dist.#1 12' Time #1 3:77 Dist.#1 3' Time #1 6:64
Dist.#2 12' Time #2 3:52 Dist.#2 3' Time #2 6:41
Dist.#3 12' Time #3 3:98 Dist.#3 ______ Time #3 ______
Sketch map of high and low velocity strands: Sketch cross-section of channel: 016R

4-6'

0073

High 10-12'

Comments:

low 4'

Depth 14"

Turbidity 187 NTU's
Measured by JD
Date/time 3/1/01 9:30

I had to empty one of Russ's bottles.

Watershed Watch / Salmon Forever VDR # 31

ISCO Timed Sampling Field Form

COPIED 4-14-01

HY 2001 HY 01

Location Van D Sampson By JNoell
Dump # D03 ISCO #
Time Interval Set to 360
Turbidities Run Date / Time 2/21/01 @ 18:35
Sign-in Sheet Page #
Turbidities By J. Noell
TUM # 22441 Date / Time 2/21/01 @ 18:35
Comments: RIVER UP

Date / Time ISCO started
Started at Bottle #
Sampling Delay at start?
Counting Down ?
Bottle # Display at start was #
Volumes good?
Water in Base?

SAMPLE JAR cleaning water IS 3.37 NTU

	ID#	Time	Stage	Turbidity		ID#	Time	Stage	Turbidity
B #1	0252	2/9@12:00		37.2	B #13	0169	2/12 12:00		23.1
B #2	0176	2/9@18:00		60.0	B #14	0251	2/12 18:00		10.7
B #3	0178	2/9@24:00		114.	B #15	0171	2/13 24:00		13.3
B #4	0255	2/10@6:00		55.9	B #16	0172	2/14 0:00	06:00	12.4
B #5	0177	2/10@12:00		35.1	B #17	0167	2/14 6:00	12:00	11.7
B #6	0179	2/10@18:00		21.4	B #18	0262	2/14 12:00	18:00	6.99
B #7	0174	2/11@0:00		25.0	B #19	0261	2/14 18:00	24:00	6.50
B #8	0175	2/11@6:00		27.2	B #20	0258	2/14 24:00	06:00	8.74
B #9	0173	2/11@12:00		37.4	B #21	0260	2/15 0:00	12:00	7.51
B #10	0253	2/11@18:00		53.2	B #22	0259	2/15 6:00	18:00	4.16
B #11	0168	2/11@24:00		33.9	B #23	0257	2/15 12:00	24:00	6.54
B #12	0170	2/12@6:00		33.1	B #24	0250	2/15 18:00	06:00	5.82

Location VD SAMPSON By J. NOELL
Dump # 4 ISCO #
Time Interval Set to 360
Turbidities Run Date / Time
Sign-in Sheet Page #
Turbidities By J. NOELL
TUM # 22441 Date / Time
Comments:

Date / Time ISCO started 2/21/01 @ 20:48
Started at Bottle # 3
Sampling Delay at start? 360
Counting Down ? YES
Bottle # Display at start was # 3
Volumes good? YES
Water in Base? NO

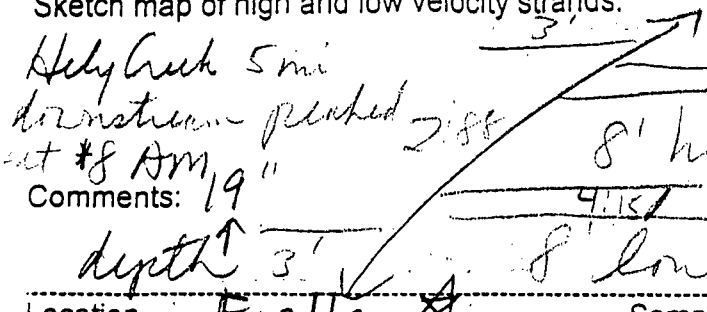
	ID#	Time	Stage	Turbidity		ID#	Time	Stage	Turbidity
B #1	0363	2/21 20:48	5.72	222	B #13				
B #2	0364	"		341	B #14				
B #3	0365	2/22/ 2:48		737	B #15				
B #4	0366	2/22/ 8:48		335	B #16				
B #5	0367	2/22/14:48		200	B #17				
B #6	0368	2/22/20:48		141	B #18				
B #7	0369			112	B #19				
B #8	0370			80.3	B #20				
B #9	0371			76.6	B #21				
B #10	0372			65.6	B #22				
B #11	0373			59.9	B #23				
B #12					B #24				

ISCO Timed FF 2-01/excel98/cf/2-01

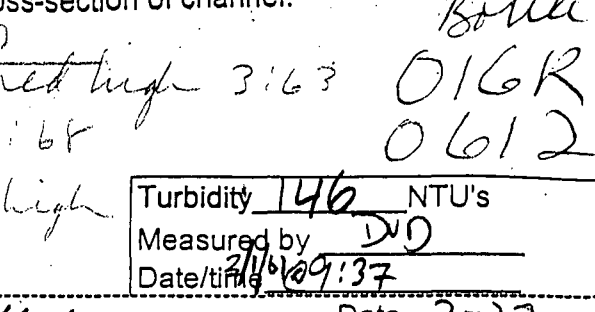
Serviced 3/27/01 @ 14:50 Settings Time: 360 interval
Malfunction at Bottle #12 (overfill) later bottles empty 13-24

Location Creek/Bridge Sampled by Greene Date 2-22-01
Rain start time 5:45 PM 2/22 Current weather VDR # 32 Time 11:40 AM
Peak stage 2 8 AM* Current stage falling COPIED 4-14-01 1.7" 54 hrs
Culvert size 25' Culvert flow depth 19" Culvert invert
High-velocity width Low-velocity width 6-8' HY01
Dist.#1 12' Time #1 2:88 sec Dist.#1 3' Time #1 5:62 sec
Dist.#2 12' Time #2 2:68 Dist.#2 4' Time #2 4:24
Dist.#3 Time #3 Dist.#3 3' Time #3 4:83

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



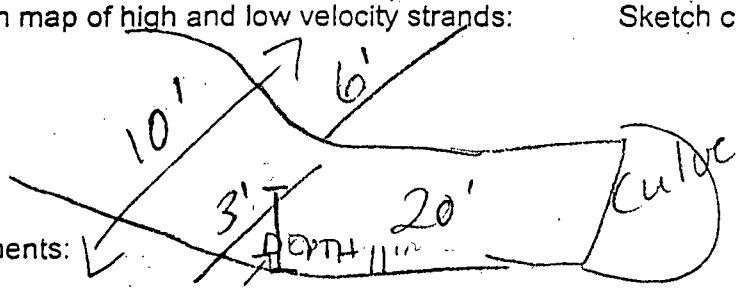
Bottle No. 01GR 0612

Comments:

Turbidity 146 NTU's
Measured by DVD
Date/time 2/16/01 @ 9:37

Location Fiedler ☆ Sampled by Greene Date 2-22
Rain start time 5 PM 2/22 Current weather clearing* Time 12:05
Peak stage 8 AM Current stage falling intermit showers
Culvert size 5' Culvert flow depth 8" Culvert invert
High-velocity width Low-velocity width 3' to many obstacles
Dist.#1 1' Time #1 5:02 Dist.#1 Time #1
Dist.#2 1' Time #2 4:77 Dist.#2 Time #2
Dist.#3 Time #3 Dist.#3 Time #3

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

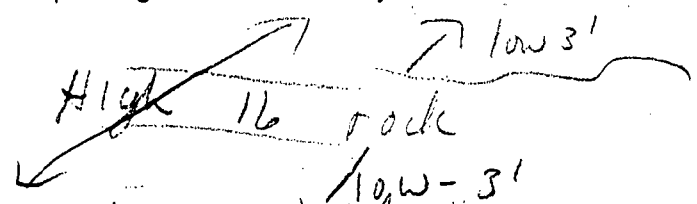
01GR 0216

Comments:

Turbidity 275 NTU's
Measured by DVD
Date/time 3/1/01 @ 9:46

Location Cruzy Creek Sampled by Greene Date 2-25
Rain start time 9 PM 2-24 Current weather clearing Time 3:55 PM
Peak stage unknown Current stage falling .75" since 2/24
Culvert size 22' Culvert flow depth 14" Culvert invert
High-velocity width 16 Low-velocity width 6 - 3' each side
Dist.#1 15' Time #1 4:83 Dist.#1 2' Time #1 7:67 range pole
Dist.#2 15' Time #2 5:15 Dist.#2 2' Time #2 6:78 stick
Dist.#3 16' Time #3 4:39 Dist.#3 Time #3

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

01GR 0610

Comments: river is up from snowmelt
Van Duzen is 100 yds south of this point

Turbidity 63.1 NTU's
Measured by DVD
Date/time 3/01/01 @ 9:50

Location________________ Sampled by________________ Date________
Rain start time ________________ Current weather ________________ Time________
Peak stage ________________ Current stage ________________ UDR # 33
Culvert size________ Culvert flow depth________ Culvert invert________ COPIED 4-14-01
High-velocity width ________________ Low-velocity width ________________
Dist.#1________ Time #1________ Dist.#1________ Time #1________ HY01
Dist.#2________ Time #2________ Dist.#2________ Time #2________
Dist.#3________ Time #3________ Dist.#3________ Time #3________
Sketch map of high and low velocity strands: Sketch cross-section of channel:

O16R 168

Comments: paperwork was brought in last week couldn't find bottle [illegible]

Turbidity________NTU's
Measured by ________
Date/time________

Location________________ Sampled by________________ Date________
Rain start time ________________ Current weather ________________ Time________
Peak stage ________________ Current stage ________________
Culvert size________ Culvert flow depth________ Culvert invert________
High-velocity width ________________ Low-velocity width ________________
Dist.#1________ Time #1________ Dist.#1________ Time #1________
Dist.#2________ Time #2________ Dist.#2________ Time #2________
Dist.#3________ Time #3________ Dist.#3________ Time #3________
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity________NTU's
Measured by ________
Date/time________

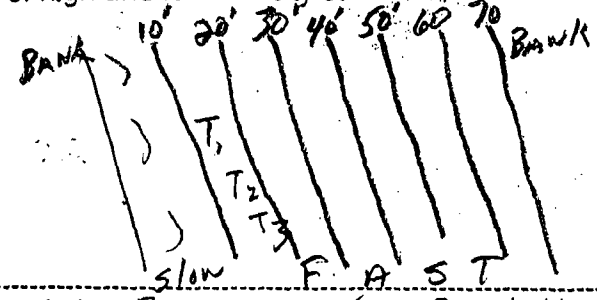
Location________________ Sampled by________________ Date________
Rain start time ________________ Current weather ________________ Time________
Peak stage ________________ Current stage ________________
Culvert size________ Culvert flow depth________ Culvert invert________
High-velocity width ________________ Low-velocity width ________________
Dist.#1________ Time #1________ Dist.#1________ Time #1________
Dist.#2________ Time #2________ Dist.#2________ Time #2________
Dist.#3________ Time #3________ Dist.#3________ Time #3________
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity________NTU's
Measured by ________
Date/time________

Location VD SAMPSON Sampled by RS Date 12:15 pm
Rain start time 2-21-01 Current weather Rainy Time 2-22-01
Peak stage rising Current stage 5.95 ✓ VDR # 34
Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-14-01
High-velocity width 60' Low-velocity width 10' MY01
Dist.#1 20' Time #1 3.56 Dist.#1 _____ Time #1 _____
Dist.#2 20' Time #2 3.12 Dist.#2 _____ Time #2 _____
Dist.#3 20' Time #3 3.09 Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:



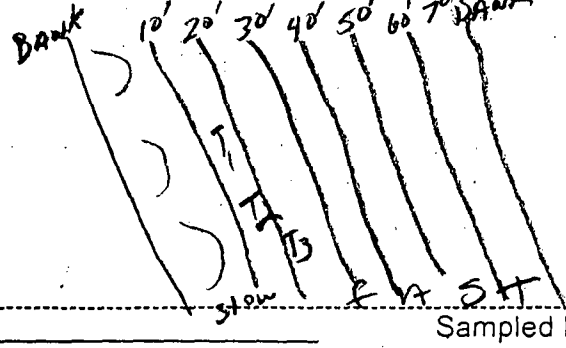
016R 0057 22423

Comments:

Turbidity 347 NTU's
Measured by CF
Date/time 4-2-01 @ 21:25

Location VD Sampson Sampled by RS Date 2-23-01
Rain start time 2-21-01 Current weather Clear Time 2:45 pm ✓
Peak stage falling Current stage 5.05
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width 60' Low-velocity width 10'
Dist.#1 20' Time #1 4.66 Dist.#1 _____ Time #1 _____
Dist.#2 20' Time #2 4.50 Dist.#2 _____ Time #2 _____
Dist.#3 20' Time #3 4.94 Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:



016R 0060 TUM # 22423

Comments:

Turbidity 92.5 NTU's
Measured by CF
Date/time 4-18-01 @ 21:28

Location _____ Sampled by _____ Date _____
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

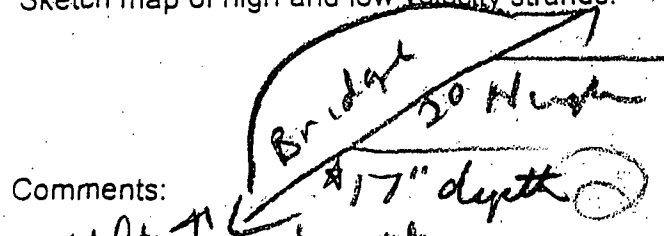
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location Grizzly Creek | Sampled by Crew | Date 3-4-01
Rain start time 9 pm 3-3-01 | Current weather showers | Time 1:40 pm
Peak stage 8 Am 3-4-01 | Current stage falling | VDR# 35 COPIED 4-14-01
Culvert size 35' | Culvert flow depth 17" * | Culvert invert
High-velocity width 20' | Low-velocity width 7-8' both sides
Dist.#1 17' | Time #1 2:24 sec | Dist.#1 8' | Time #1 4:18 sec | HY01
Dist.#2 15' | Time #2 3:12 sec | Dist.#2 | Time #2 4:26 sec
Dist.#3 15' | Time #3 3:20 | Dist.#3 | Time #3 | rain - 1.5" last 36 hrs

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

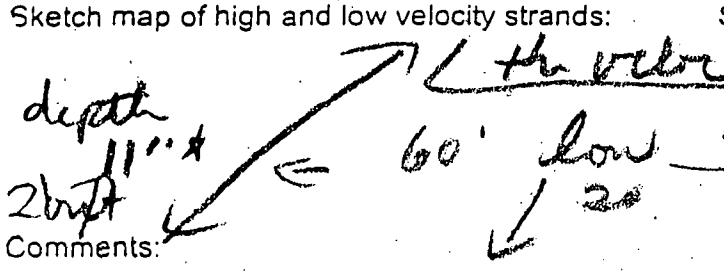
OIGR 0613 TUM# 22423

Comments:

Turbidity 465 NTU's
Measured by CF SN
Date/time 3.8.01 11:26

Location Cheatam Creek | Sampled by Crew | Date 3-04-01
Rain start time 9:PM 3-03 | Current weather showers/clearing | Time 2:08 PM
Peak stage 8 Am | Current stage falling
Culvert size 80' | Culvert flow depth 11" * | Culvert invert
High-velocity width 20
Dist.#1 30' | Time #1 3:17 sec | Low-velocity width
Dist.#2 30' | Time #2 3:34 | Dist.#1 12' | Time #1 5:24
Dist.#3 | Time #3 | Dist.#2 12' | Time #2 4:44
Dist.#3 12' | Time #3 4:49

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

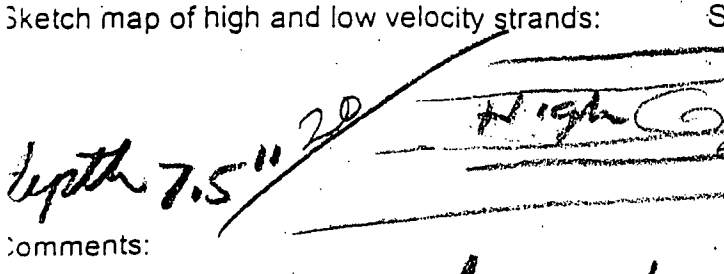
OIGR 0614 TUM# 22423

Comments:

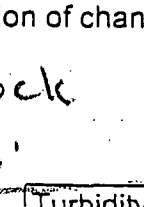
Turbidity 430 NTU's
Measured by CF SN
Date/time 3.8.01 11:21

Location Grizzly | Sampled by Crew | Date 3-05-01
Rain start time no rain | Current weather fair | Time 1:50 pm
Peak stage | Current stage
Culvert size | Culvert flow depth | Culvert invert
High-velocity width 15
Dist.#1 15' | Time #1 6:07 | Low-velocity width 8
Dist.#2 15' | Time #2 7:16 | Dist.#1 4' | Time #1 10:45 middle
Dist.#3 | Time #3 | Dist.#2 | Time #2 9:40
Dist.#3 | Time #3

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



OIGR 0615 TUM# 22423

Comments:

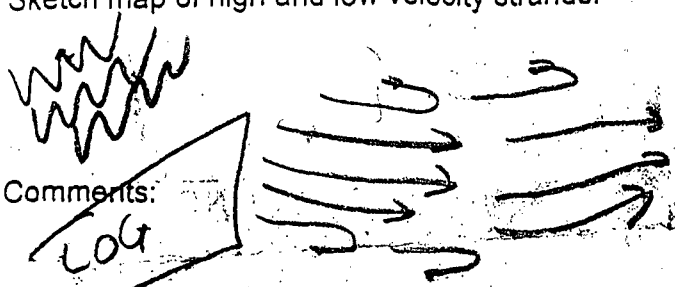
no rain for 5 days

Turbidity 24.5 NTU's
Measured by CF SN
Date/time 3.8.01 11:22

Location VDR HELY CREEK Sampled by BOYLE Date 05 MARCH
Rain start time _____ Current weather Light showers p.m Time 1625 01
Peak stage _____ Current stage 11
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width 3.5 ft Low-velocity width 2 ft
Dist.#1 20 Time #1 4.57 Dist.#1 20 Time #1 5.27
Dist.#2 | Time #2 4.24 Dist.#2 | Time #2 6.03
Dist.#3 ↓ Time #3 4.33 Dist.#3 ↓ Time #3 5.23

OIGR V
0591
VDR #36
COPIED
4-14-01
HY 01

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

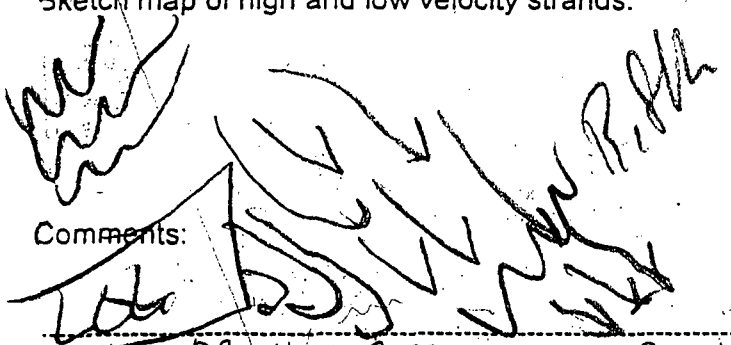
Comments: LOG

Turbidity 51.8 NTU's
Measured by CF
Date/time 3-15-01 @ 20:19

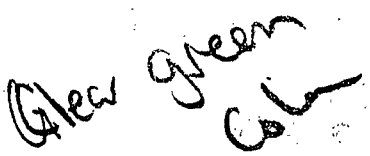
Location VDR Hely Creek Sampled by Boyle Date 06 MARCH
Rain start time 08 Current weather overcast Time 0900 01
Peak stage _____ Current stage 8 7/8
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width 3 Low-velocity width 2
Dist.#1 20 Time #1 8.84 Dist.#1 20 Time #1 21.22
Dist.#2 | Time #2 7.69 Dist.#2 | Time #2 17.68
Dist.#3 | Time #3 9.87 Dist.#3 | Time #3 12.33

OIGR
0586 V

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



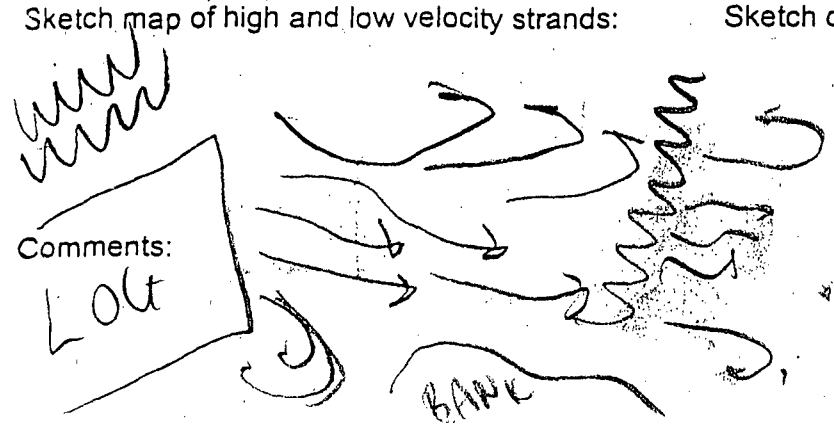
Comments: LOG

Turbidity 17.3 NTU's
Measured by CF
Date/time 3-15-01 @ 20:34

Location VDR HELY CREEK Sampled by Boyle Date 12 MARCH
Rain start time _____ Current weather CLEAR Time 0900 01
Peak stage _____ Current stage 7 1/4
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 20 ft Time #1 12.54 Dist.#1 20 ft Time #1 14.23
Dist.#2 | Time #2 11.49 Dist.#2 | Time #2 19.80
Dist.#3 ↓ Time #3 13.88 Dist.#3 ↓ Time #3 16.47

OIGR ✓
0589

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

CLEAR - SEE BOTTOM

Comments: LOG

Turbidity 9.3 NTU's
Measured by CF
Date/time 3-15-01 @ 20:24

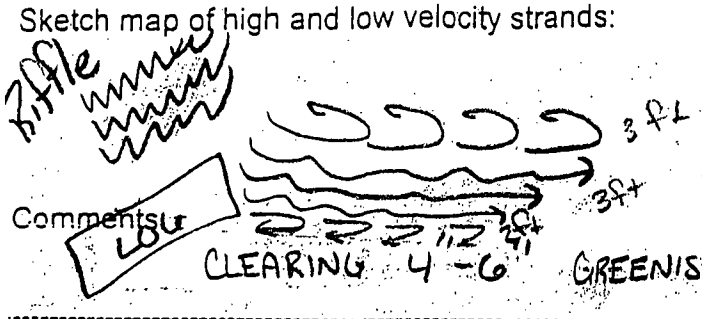
Location VDR HELY CREEK | Sampled by BOYLE | Date 24 FEB 2001
Rain start time 23 FEB 2100 | Current weather SHOWERS | Time 1630
Peak stage ↓ | Current stage 10"
Culvert size ____ Culvert flow depth ____ Culvert invert ____

High-velocity width	3ft	Low-velocity width	3ft
Dist.#1	20ft	Time #1	7.34
Dist.#2	↓	Time #2	6.85
Dist.#3	↓	Time #3	7.33

Dist.#1	20ft	Time #1	11.03
Dist.#2	↓	Time #2	13.35
Dist.#3	↓	Time #3	10.73

OIGR 0590 ✓
VDR # 37
COPIED 4-14-01 MY 01

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

Comments: LOG
CLEARING 4-6" GREENISH BROWN

Turbidity 4.30 NTU's
Measured by AF
Date/time 3-15-01 @ 20:26

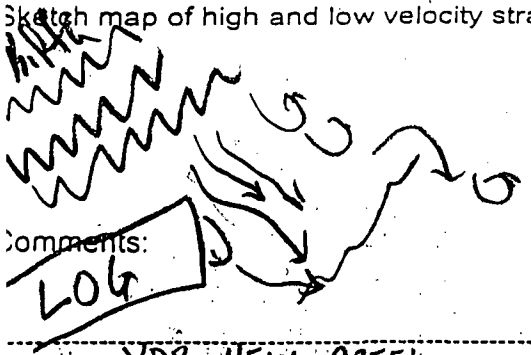
Location VDR Hely CREEK | Sampled by BOYLE | Date 26 FEB 2001
Rain start time ∅ | Current weather CLEAR | Time 1530
Peak stage ____ | Current stage ↓ 9 1/8
Culvert size ____ Culvert flow depth ____ Culvert invert ____

High-velocity width	3ft	Low-velocity width	2
Dist.#1	20ft	Time #1	6.53
Dist.#2	↓	Time #2	7.18
Dist.#3	↓	Time #3	6.72

Dist.#1	20ft	Time #1	10.14
Dist.#2	↓	Time #2	12.94
Dist.#3	↓	Time #3	9.38

OIGR 0587 ✓

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

CLEARING - STILL MURKY BRWN
6"-8" visibility to bottom

Comments: LOG

Turbidity 17.6 NTU's
Measured by CF
Date/time 3-15-01 @ 20:28

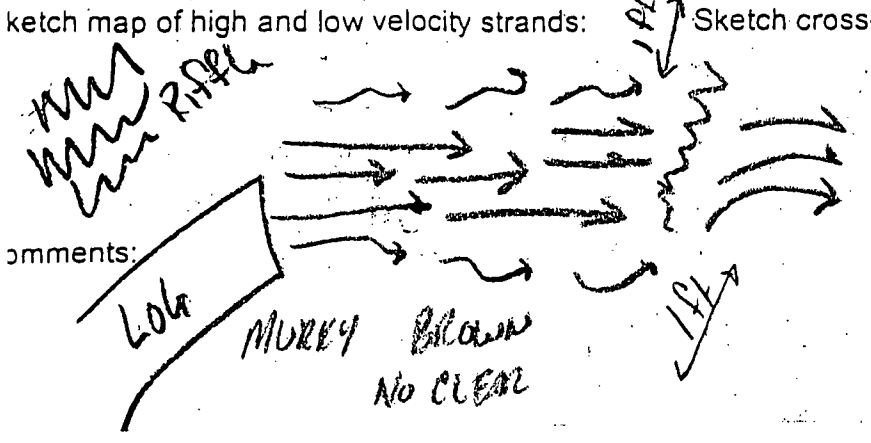
Location VDR HELY CREEK | Sampled by BOYLE | Date 04 MARCH 2001
Rain start time 03/03 1600 | Current weather RAIN | Time 1000
Peak stage ____ | Current stage 11"
Culvert size ____ Culvert flow depth ____ Culvert invert ____

High-velocity width	3½ ft	Low-velocity width	3 ft
Dist.#1	20ft	Time #1	3.89
Dist.#2	↓	Time #2	4.40
Dist.#3	↓	Time #3	4.25

Dist.#1	[illegible]	Time #1	[illegible]
Dist.#2	[illegible]	Time #2	[illegible]
Dist.#3	[illegible]	Time #3	____

OIGR 0588

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

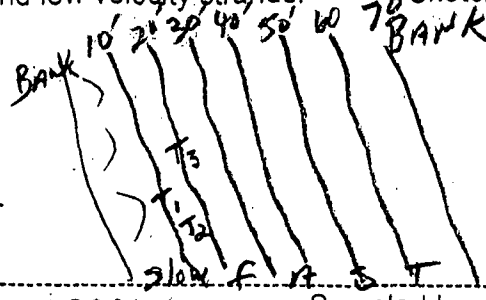
Comments:

Turbidity 175 NTU's
Measured by CF
Date/time 3-15-01 @ 20:30

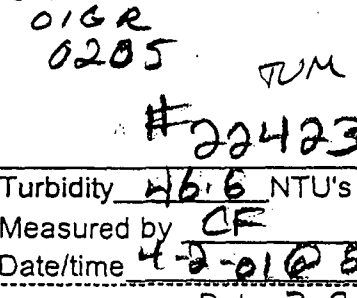
Location VD Sampson | Sampled by RS | Date 3-7-01
Rain start time 3-5-01 | Current weather Clear | Time 1:30 pm
Peak stage falling | Current stage 4.70 | VDR # 38 ✓ COPIED 4-14-01
Culvert size ____ Culvert flow depth ____ | Culvert invert ____ | HY 01
High-velocity width 60 ft. | Low-velocity width 10 ft

Dist.#1 20'	Time #1 7.50	Dist.#1 ____	Time #1 ____
Dist.#2 20'	Time #2 6.40	Dist.#2 ____	Time #2 ____
Dist.#3 20'	Time #3 7.0	Dist.#3 ____	Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



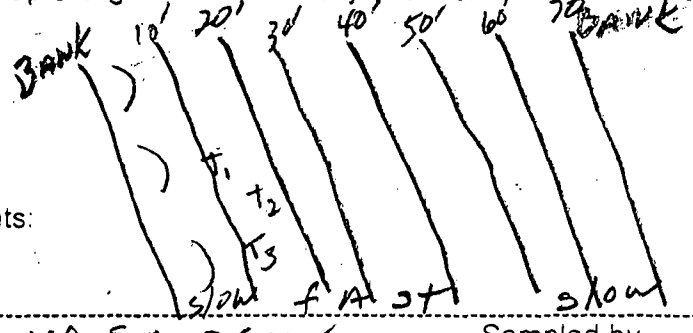
Comments:

Turbidity 46.6 NTU's
Measured by CF
Date/time 4-2-01 @ 21:38

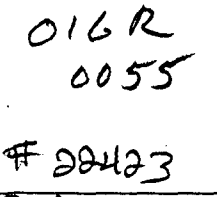
Location VD Sampson | Sampled by RS | Date 3-8-01
Rain start time 3-5-01 | Current weather Clear | Time 4:30 pm ✓
Peak stage falling | Current stage 4.45
Culvert size ____ Culvert flow depth ____ | Culvert invert ____
High-velocity width 40 ft | Low-velocity width 30 ft

Dist.#1 20'	Time #1 6.34	Dist.#1 ____	Time #1 ____
Dist.#2 20'	Time #2 6.94	Dist.#2 ____	Time #2 ____
Dist.#3 20'	Time #3 7.19	Dist.#3 ____	Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



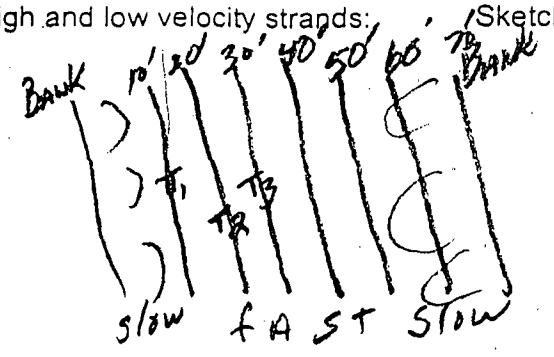
Comments:

Turbidity 34.3 NTU's
Measured by CF
Date/time 4-2-01 @ 21:32

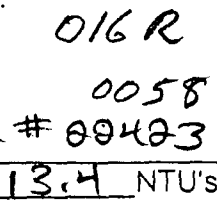
Location VD Sampson | Sampled by RS | Date 3-11-01
Rain start time 3-5-01 | Current weather Clear | Time 12:15 pm ✓
Peak stage falling | Current stage 3.95
Culvert size ____ Culvert flow depth ____ | Culvert invert ____
High-velocity width 40' | Low-velocity width ____

Dist.#1 20'	Time #1 8.47	Dist.#1 ____	Time #1 ____
Dist.#2 20'	Time #2 9.53	Dist.#2 ____	Time #2 ____
Dist.#3 20'	Time #3 8.93	Dist.#3 ____	Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

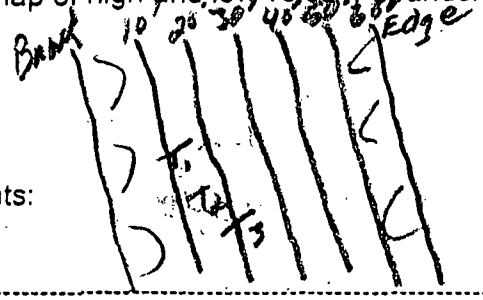


Comments:

Turbidity 13.4 NTU's
Measured by CF
Date/time 4-2-01 @ 21:36

Location VD Sampson | Sampled by RS | Date 3-12-01
Rain start time 3-5-01 | Current weather Clear | Time 2:15pm
Peak stage falling | Current stage 3.8' | VD24 39 ✓
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ | COPIED 4-16-01
High-velocity width 30' | Low-velocity width 30' | HY 01
T1 Dist.#1 20' Time #1 11.00 | Dist.#1 _____ Time #1 _____
T2 Dist.#2 20' Time #2 9.03 | Dist.#2 _____ Time #2 _____
T3 Dist.#3 20' Time #3 9.62 | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

016R
0056

#22423

Comments:

Turbidity 8.90 NTU's
Measured by CF
Date/time 4-12-01 @ 21:38

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

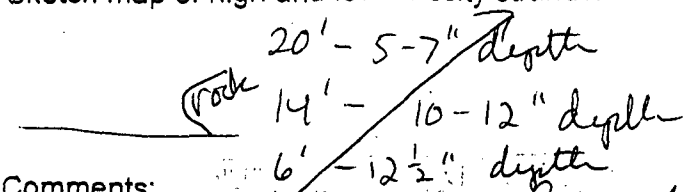
Sketch cross-section of channel:

Comments:

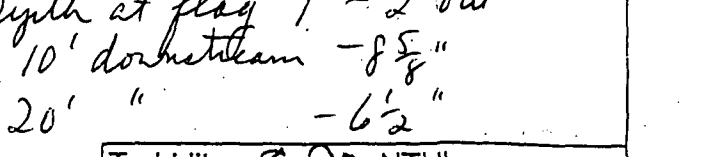
Turbidity _____ NTU's
Measured by _____
Date/time

Location Grizzly Creek | Sampled by Greene | Date 3-14-01
Rain start time 00 none | Current weather fair | Time 11:20 AM
Peak stage 3-4-01 | Current stage falling 100% certain
Culvert size 32.5' Culvert flow depth 7" | Culvert invert | VDR # 40
High-velocity width | Low-velocity width COPIED 4-14-01 Bottle No
Dist.#1 ~~12'~~ Time #1 ~~20:47~~ → Dist.#1 12' Time #1 17:06 Hydro OIGR
Dist.#2 6' Time #2 14:36 → Dist.#2 12' Time #2 20:47 0611
Dist.#3 6' Time #3 14:05 → Dist.#3 25' Time #3 20:89

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



Comments: Depth 7" at mark) Pat & A did cross sections today

Turbidity 8.20 NTU's
Measured by CF
Date/time 3-15-01 @ 20:16

Location | Sampled by | Date
Rain start time | Current weather | Time
Peak stage | Current stage
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3

OIGR
0611
Comments (mid stream velocity slow due to submerged rocks & wood diverting flow)

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

Turbidity NTU's
Measured by
Date/time

Location | Sampled by | Date
Rain start time | Current weather | Time
Peak stage | Current stage
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

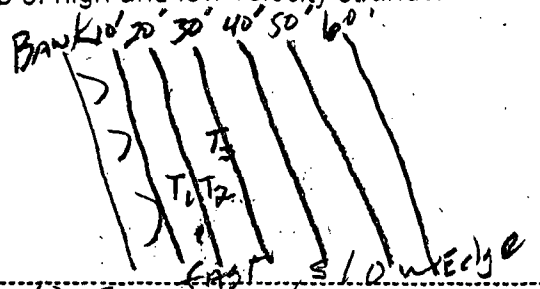
Turbidity NTU's
Measured by
Date/time

Location VD SAMPSON | Sampled by RS | Date 3-24-01
Rain start time AM 3-24-01 ½ in rain | Current weather Raining | Time 4:00 pm
Peak stage Rising | Current stage 3.75
Culvert size ____ Culvert flow depth ____ | Culvert invert ____
High-velocity width 20' | Low-velocity width 40'

VDR #41, COPIED ✓ 4-14-01 HY01

T1 Dist.#1 20 Time #1 8.46 | Dist.#1 ____ Time #1 ____
T2 Dist.#2 20' Time #2 8.81 | Dist.#2 ____ Time #2 ____
T3 Dist.#3 20 Time #3 7.50 | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

016R 0059

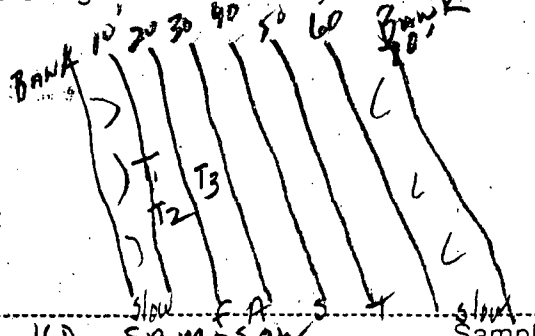
Comments:

Turbidity 9.22 NTU's
Measured by JN
Date/time 3/27/01 @ 15:11

Location VD SAMPSON | Sampled by RS | Date 3-25-01
Rain start time 3-24-01 3-25-01 +.3 in Rain | Current weather Clear Cloudy | Time 12:15 pm
Peak stage Rising | Current stage 5.35
Culvert size ____ Culvert flow depth ____ | Culvert invert ____
High-velocity width 50' | Low-velocity width 20'

T1 Dist.#1 20' Time #1 4.16 | Dist.#1 ____ Time #1 ____
T2 Dist.#2 20' Time #2 3.97 | Dist.#2 ____ Time #2 ____
T3 Dist.#3 20' Time #3 3.85 | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

016R 0537

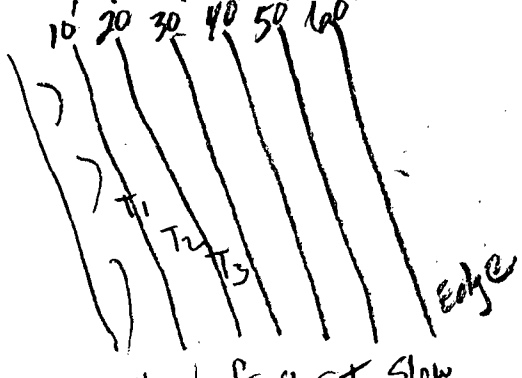
Comments:

Turbidity 318 NTU's
Measured by JN
Date/time 3/27/01 @ 15:15

Location VD SAMPSON | Sampled by RS | Date 3-26-01
Rain start time 3-24-01 | Current weather Clear | Time 6:15 pm
Peak stage Falling | Current stage 4.15
Culvert size ____ Culvert flow depth ____ | Culvert invert ____
High-velocity width 40' | Low-velocity width 20'

T1 Dist.#1 20' Time #1 8.56 | Dist.#1 ____ Time #1 ____
T2 Dist.#2 20' Time #2 8.25 | Dist.#2 ____ Time #2 ____
T3 Dist.#3 20' Time #3 7.90 | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

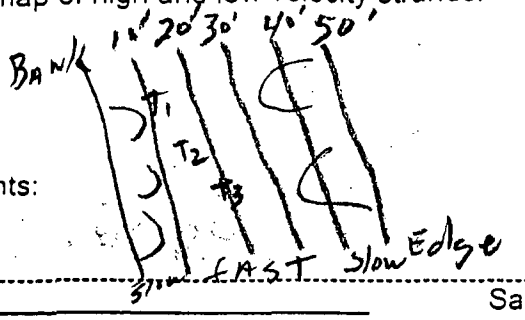
016R 0563

Comments:

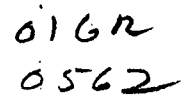
Turbidity 35.5 NTU's
Measured by JN
Date/time 3/27/01 @ 15:12

Location VD Sampson | Sampled by RS | Date 3-27-01
Rain start time 3-24-01 | Current weather Cloudy | Time 3:00pm
Peak stage [redacted] | Current stage 3.90 | VDR # 42
Culvert size ____ Culvert flow depth ____ Culvert invert ____ | COPIED 4-14-01
High-velocity width 20' | Low-velocity width 30' | HY 01
Dist.#1 20 Time #1 7.75 | Dist.#1 ____ Time #1 ____
Dist.#2 20 Time #2 9.13 | Dist.#2 ____ Time #2 ____
Dist.#3 20 Time #3 8.22 | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



Comments:

Turbidity 17.3 NTU's
Measured by JN
Date/time 3/27/01 @ 15:13

Location ____ Sampled by ____ Date ____
Rain start time ____ Current weather ____ Time ____
Peak stage ____ Current stage ____
Culvert size ____ Culvert flow depth ____ Culvert invert ____
High-velocity width ____ Low-velocity width ____
Dist.#1 ____ Time #1 ____ | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ | Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

Turbidity ____ NTU's
Measured by ____
Date/time ____

Location ____ Sampled by ____ Date ____
Rain start time ____ Current weather ____ Time ____
Peak stage ____ Current stage ____
Culvert size ____ Culvert flow depth ____ Culvert invert ____
High-velocity width ____ Low-velocity width ____
Dist.#1 ____ Time #1 ____ | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ | Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ | Dist.#3 ____ Time #3 ____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments:

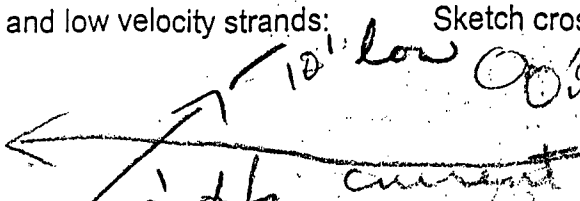
Turbidity ____ NTU's
Measured by ____
Date/time

Location _____ Sampled by _____ Date 3-24-01
Rain start time 9 AM Current weather rain Time 5:10 PM ✓
Peak stage _____ Current stage rising 90% certain
Culvert size 32'5" Culvert flow depth 7½" Culvert invert _____ .6" rain by 2 PM

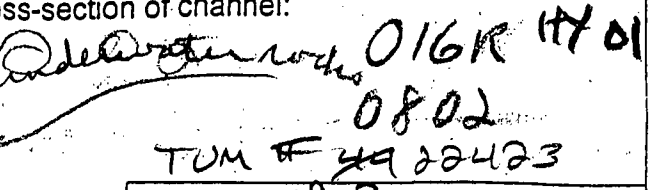
High-velocity width		Low-velocity width	
Dist.#1	Time #1 17:11	Dist.#1	Time #1 19"
Dist.#2	Time #2 16:76	Dist.#2	Time #2 18:09
Dist.#3	Time #3	Dist.#3	Time #3

VDR # 43 CODED 4-14-01

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



01GR 4-4-01
TUM # 22423

Comments:
Depth 7½"

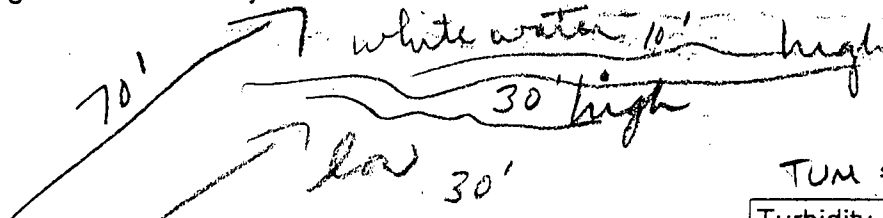
Turbidity 12.3 NTU's
Measured by CF
Date/time 4-2-01 @ 19:19

Location Mainstem VDR at Griz Sampled by Greene Date 3-25-01
Rain start time 9PM 3-23 Current weather cloudy Time 1:50 PM ✓
Peak stage _____ Current stage rising 60% certain
Culvert size 70 Culvert flow depth 6" Culvert invert _____

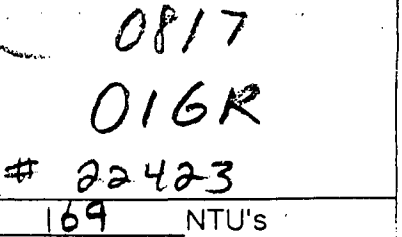
High-velocity width		Low-velocity width	
Dist.#1 50'	Time #1 2:92	Dist.#1 20'	Time #1 6:34 sec
Dist.#2 50'	Time #2 3:09	Dist.#2 20'	Time #2 6:45
Dist.#3	Time #3	Dist.#3	Time #3

right bank

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



01GR
TUM # 22423

Comments:
Mainstem VDR 150 yds upstream Griz

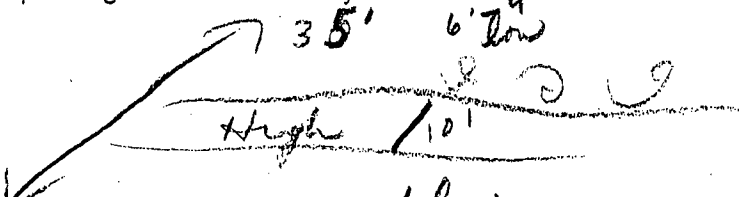
Turbidity 169 NTU's
Measured by CF
Date/time 4-2-01 @ 19:21

Location Griz Sampled by Greene Date 3-25
Rain start time 3-9-23 melted Current weather cloudy Time 2:10 PM
Peak stage ? 14" by rocks Current stage falling
Culvert size 35' Culvert flow depth 12½" Culvert invert _____

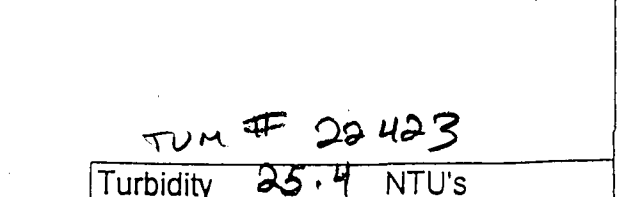
High-velocity width		Low-velocity width	
Dist.#1 20'	Time #1 10:25	Dist.#1 2'	Time #1 14:66
Dist.#2 20'	Time #2 11:96	Dist.#2 2'	Time #2 12:11
Dist.#3	Time #3	Dist.#3	Time #3

01GR
0818

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



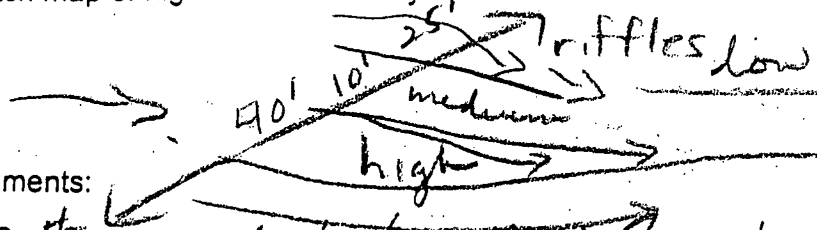
TUM # 22423

Comments:
Fairly uniform flow

Turbidity 25.4 NTU's
Measured by CF
Date/time 4-2-01 @ 19:25

Location VDR – below Root Sampled by Greene Date 3-25
Rain start time 9PM 3-23 Current weather Cloudy Time 2:40PM
Peak stage ______ Current stage falling VDR # 44 ✓
Culvert size 75' Culvert flow depth 16" Culvert invert 0 COPIED 4-14-01
High-velocity width 30' Low-velocity width 40'-75' HY01
Dist.#1 20' Time #1 2:82 Dist.#1 40' Time #1 4:11
Dist.#2 20' Time #2 2:47 Dist.#2 40' Time #2 4:05
Dist.#3 ______ Time #3 ______ Dist.#3 ______ Time #3 ______
Sketch map of high and low velocity strands: Sketch cross-section of channel: 0819

016K

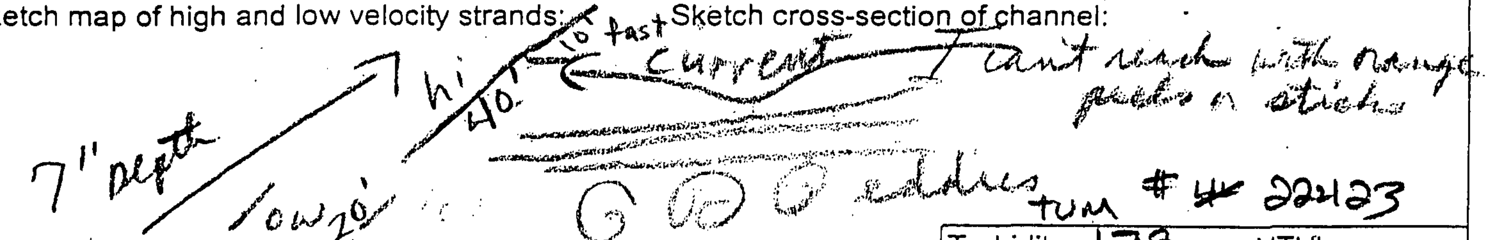


#22423

Comments:
Depth 1' ↑ 100 yds. below Root Creek

Turbidity 172 NTU's
Measured by CF
Date/time 4-2-01 @ 19:04

Location Cheatam Sampled by Greene Date ______ ✓
Rain start time 9PM 3/23 Current weather Rain/pc Time ______
Peak stage ______ Current stage falling 016K
Culvert size 75' Culvert flow depth 7" Culvert invert ______
High-velocity width 25' Low-velocity width 20' 0820
Dist.#1 30' Time #1 4:24 Dist.#1 30' Time #1 13:82
Dist.#2 30' Time #2 4:84 → Dist.#2 10' Time #2 9:83
Dist.#3 30' Time #3 4:31 Dist.#3 10' Time #3 8:31
Sketch map of high and low velocity strands: Sketch cross-section of channel:



TUM # 22423

Comments:

Turbidity 179 NTU's
Measured by CF
Date/time 4-20-01 @ 19:10

Location VDR – Rwunde Pk Sampled by Greene Date 3-25-01
Rain start time 9PM – 3/23 Current weather PC Time 3:35 ✓
Peak stage ______ Current stage falling
Culvert size 60' Culvert flow depth 10" Culvert invert 0
High-velocity width ______ Low-velocity width ______
Dist.#1 25' Time #1 3:33 Dist.#1 8' Time #1 4:71
Dist.#2 25' Time #2 4:55 Dist.#2 8' Time #2 4:31
Dist.#3 ______ Time #3 ______ Dist.#3 ______ Time #3 ______
Sketch map of high and low velocity strands: Sketch cross-section of channel: 016K

10-15 Low
CURRENT High – 25-30 0821
10-15 Low eddies

TUM # 22423

Comments:
1.2" Rain 2 days
10" Deep – across from snag – 2' out

Turbidity 250 NTU's
Measured by CF
Date/time 4-2-01 @ 19:16

Location Yager Sampled by Creene Date 3-26-01
Rain start time 3-23-01 Current weather Rain Time 9:10 AM
Peak stage ? Current stage falling Bottle 01GR 0811
Culvert size 30' Culvert flow depth 7" Culvert invert
High-velocity width 2' out from bank Low-velocity width
Dist.#1 15' Time #1 3:15 Dist.#1 5' Time #1 5:33
Dist.#2 15' Time #2 3:31 Dist.#2 Time #2
Dist.#3 Time #3 Dist.#3 Time #3

Sketch map of high and low velocity strands: Sketch cross-section of channel:

Low eddies — Hi — 15' — Lo 2 eddies — 7" — 2'

VDR #45 — Hi Duane & Clark Thank you so much! SG

COPIED 4-14-01 TUM # 9614 1401

Comments: Below E side bridge

Turbidity 20.5 NTU's
Measured by C. FENTON
Date/time 4-14-01 @ 15:43

Location Grizzly Sampled by Creene Date 10-28
Rain start time 0 10 PM 3-27 Current weather cloudy Time 10:35
Peak stage Current stage falling 80% certainty (Kuyman direction)
Culvert size Culvert flow depth 10" Culvert invert
High-velocity width Low-velocity width
Dist.#1 8' Time #1 11:34 Dist.#1 20' Time #1 15:23
Dist.#2 6' Time #2 13:20 Dist.#2 20' Time #2 15:63
Dist.#3 12' Time #3 11:58 Dist.#3 Time #3

Sketch map of high and low velocity strands: Sketch cross-section of channel:

fairly even flow — steady current — 20' — 34' — Broke bottle — High — 8' — 6'

Bottle ~~01GR 0655~~ — Rain .4" over

Comments: Dave Kuyman NCWQCB met with us a week ago. He is the Van Duzen man. WQ has pulled out of HCP-THP process

Turbidity ____ NTU's
Measured by
Date/time

Location Yager Sampled by Creene Date 3-27-01
Rain start time 0 10 PM 3-27 Current weather cloudy Time 11:25 AM
Peak stage Current stage falling 01GR 0653
Culvert size 75' Culvert flow depth Culvert invert
High-velocity width 20' Low-velocity width 50'
Dist.#1 20' Time #1 5:70 Dist.#1 2' Time #1 16:63
Dist.#2 20' Time #2 6:44 Dist.#2 Time #2
Dist.#3 Time #3 Dist.#3 Time #3

Sketch map of high and low velocity strands: Sketch cross-section of channel:

70' — High — Bridge

Comments: ☆ and plans to have a full monitoring system by next year - in the meantime we need staff plates & bottles badly for 6 volunteers. The ISCO bottles from January have been collected SG

Turbidity 35.0 NTU's
Measured by C. FENTON
Date/time 4-14-01 @ 15:50

Location Grizzly | Sampled by Greene | Date 5-28-01
Rain start time Same | Current weather Same | Time 12:00
Peak stage _____ | Current stage Same | VDR #46 4-14-01 COPIED HY01
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____ 016R
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____ 0656
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

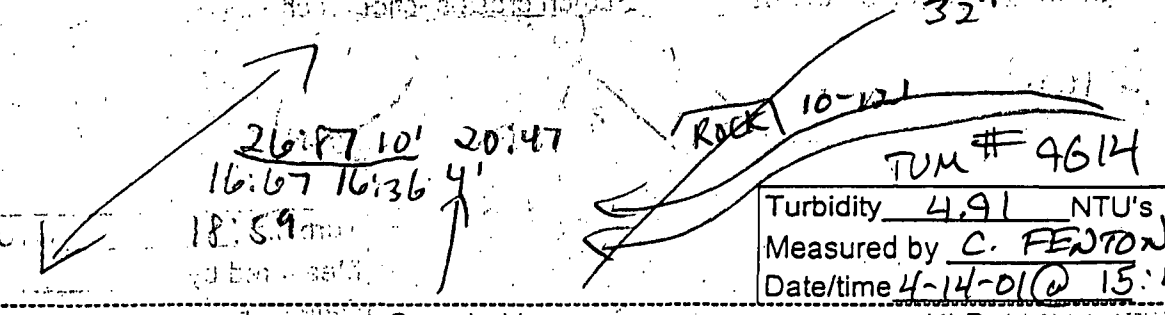
Had to drive back to GRIZ

TUM # 9614

Comments:

Turbidity 10.9 NTU's
Measured by CF
Date/time 4-14-01 @ 15:48

Location Griz | Sampled by Greene | Date 4-2-01
Rain start time 10PM April | Current weather Rain | Time 2:05 PDT
Peak stage ? | Current stage falling
Culvert size 30' Culvert flow depth 9" Culvert invert _____ 016R
High-velocity width _____ | Low-velocity width _____
Dist.#1 4' Time #1 16:67 | Dist.#1 20 Time #1 26:87 0654
Dist.#2 _____ Time #2 16:36 | Dist.#2 20 Time #2 20:47
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:



TUM # 9614

Comments:

Turbidity 4.91 NTU's
Measured by C. FENTON
Date/time 4-14-01 @ 15:47

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

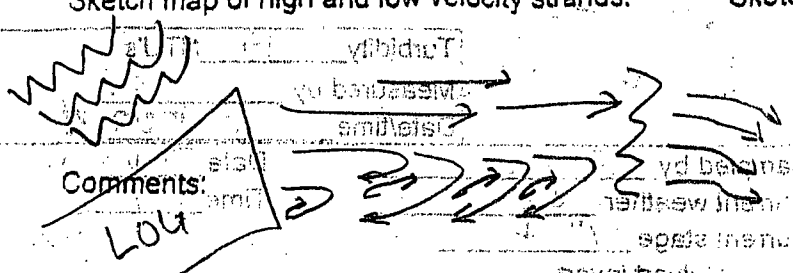
JPEG image 612x792 pixels

[redacted]

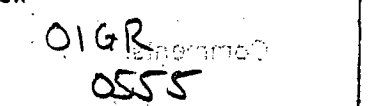
Location VDR HELY CRK | Sampled by BOYLE | Date 24 MARCH
Rain start time 24 MARCH 0900 | Current weather RAIN | Time 1740
Peak stage ____ | Current stage ↑
Culvert size ____ Culvert flow depth ____ | Culvert invert ____
High-velocity width 3ft+ | Low-velocity width 2ft+
Dist.#1 20 ft Time #1 ____ | Dist.#1 20 ft Time #1 ____
Dist.#2 | Time #2 ____ | Dist.#2 | Time #2 ____
Dist.#3 ↓ Time #3 ____ | Dist.#3 ↓ Time #3 ____

VDR 47 ✓
5-1-01
COPIED
HY01

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



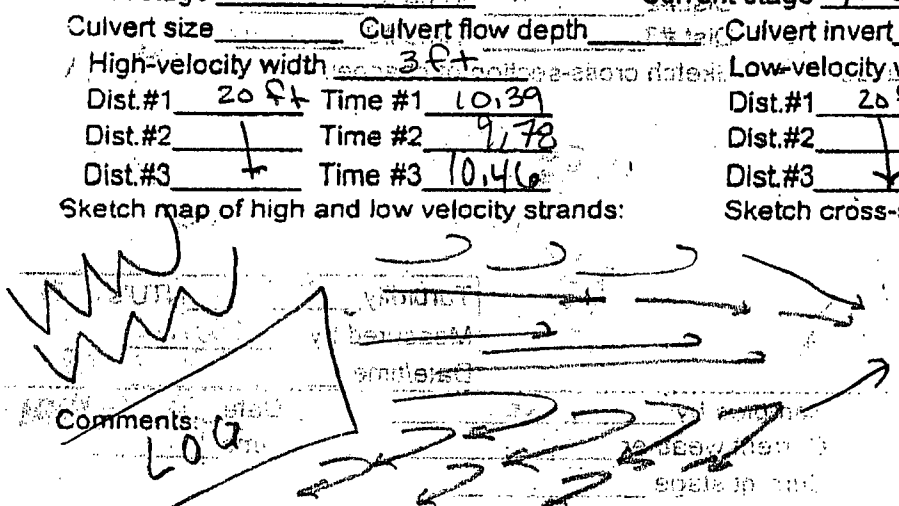
Comments:

Turbidity 30.7 NTU's
Measured by C. FENTON
Date/time 4-27-01 @ 09:11

Location VDR HELY CRK | Sampled by Boyle | Date 25 MARCH 01
Rain start time 24 MARCH 0900 | Current weather CLOUDY | Time 1500
Peak stage STOP 0400 25 MARCH | Current stage 7.1/2
Culvert size ____ Culvert flow depth ____ | Culvert invert ____
High-velocity width 3ft+ | Low-velocity width 2ft+
Dist.#1 20 ft Time #1 10.39 | Dist.#1 20 ft Time #1 9.73
Dist.#2 | Time #2 9.78 | Dist.#2 | Time #2 12.58
Dist.#3 ↓ Time #3 10.46 | Dist.#3 ↓ Time #3 9.87

✓
OIGR
0558

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

LESS CLEAR
SLIGHT MURK

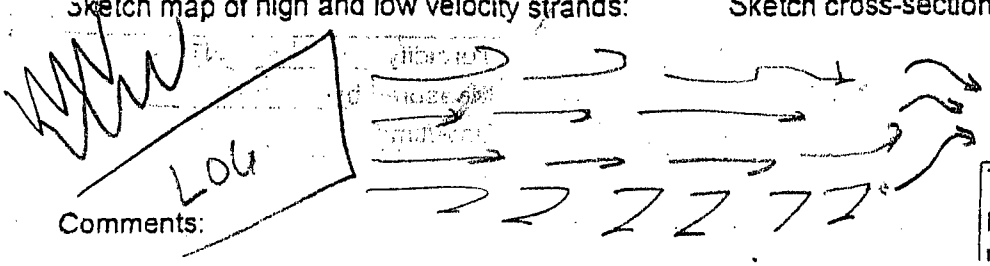
Comments:

Turbidity 11.2 NTU's
Measured by C. FENTON
Date/time 4-27-01 @ 09:12

Location VDR HELY CRK | Sampled by Boyle | Date 26 MARCH
Rain start time 24 MARCH 0900 | Current weather Clear | Time 1740
Peak stage ____ | Current stage ↓ 6 7/8
Culvert size ____ Culvert flow depth ____ | Culvert invert ____
High-velocity width 2.5ft+ | Low-velocity width 3ft+
Dist.#1 20 ft Time #1 11.72 | Dist.#1 20ft Time #1 15.41
Dist.#2 | Time #2 10.73 | Dist.#2 | Time #2 12.17
Dist.#3 ↓ Time #3 10.36 | Dist.#3 ↓ Time #3 14.78

✓
OIGR
0543

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

Clear
4-27-01 @09:13 VOL
#9614

Comments:

Turbidity 5.45 NTU's
Measured by C. FENTON
Date/time

Location VDR Hely CRK Sampled by Boyle Date 28 MARCH

Rain start time 27 March 0800 Current weather overcast slt drizzle Time 1720

Peak stage _____ Current stage ↓ 7 1/4

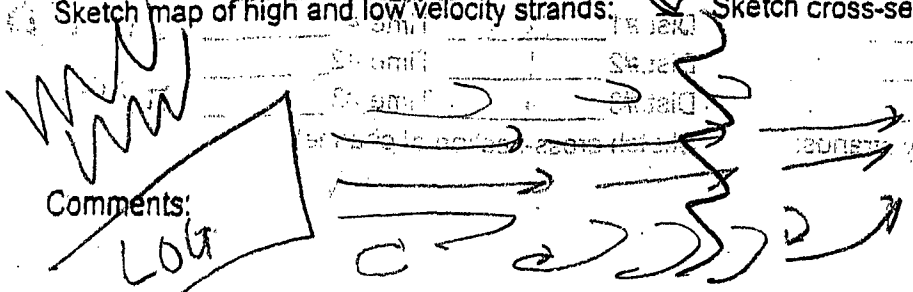
Culvert size _____ Culvert flow depth _____ Culvert invert _____

VD # 48 ✓ COPIED 5-1-01 HY01

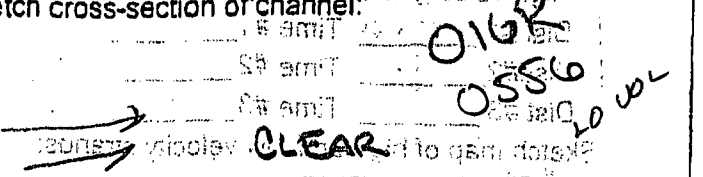
High-velocity width 2 ft Low-velocity width 3 ft

Dist.#1 20 ft	Time #1 9.60	Dist.#1 20 ft	Time #1 13.12
Dist.#2 ↓	Time #2 10.50	Dist.#2 ↓	Time #2 ~~13.90~~ 13.69
Dist.#3 ↓	Time #3 10.90	Dist.#3 ↓	Time #3 T2.13

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



01GR 0556 LO VOL

Comments: LOW

Turbidity 6.19 NTU's
Measured by C. FENTON
Date/time 4-27-01 @ 09:14

Location VDR HELY CRK Sampled by Boyle Date 29 MARCH

Rain start time ~~27 MARCH~~ Current weather CLEAR Time 1740

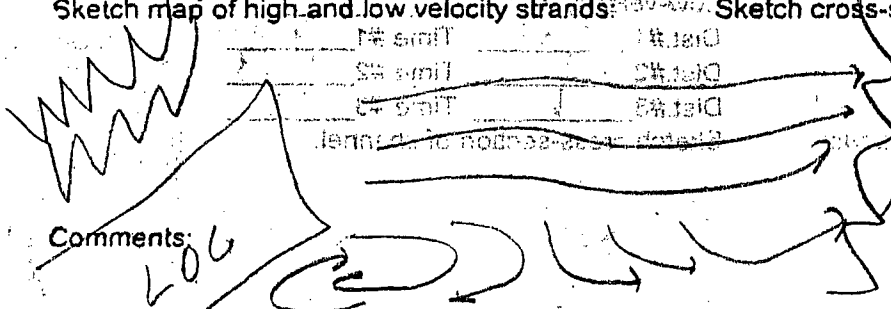
Peak stage _____ Current stage 7" ↓ ✓

Culvert size _____ Culvert flow depth _____ Culvert invert _____

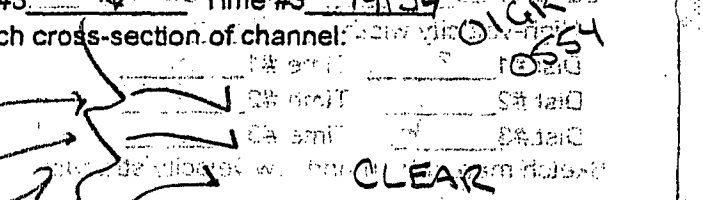
High-velocity width 2 ft Low-velocity width 3 ft

Dist.#1 20 ft	Time #1 10.57	Dist.#1 20 ft	Time #1 11.91
Dist.#2 ↓	Time #2 ~~8.89~~	Dist.#2 ↓	Time #2 11.63
Dist.#3 ↓	Time #3 10.48	Dist.#3 ↓	Time #3 14.54

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



01GR 0554

Comments:

Turbidity 6.71 NTU's
Measured by C. FENTON
Date/time 4-27-01 @ 09:15

Location VDR Hely CRK Sampled by Boyle Date 02 APR 01

Rain start time 01 APR 2130 Current weather Showers Time 1800

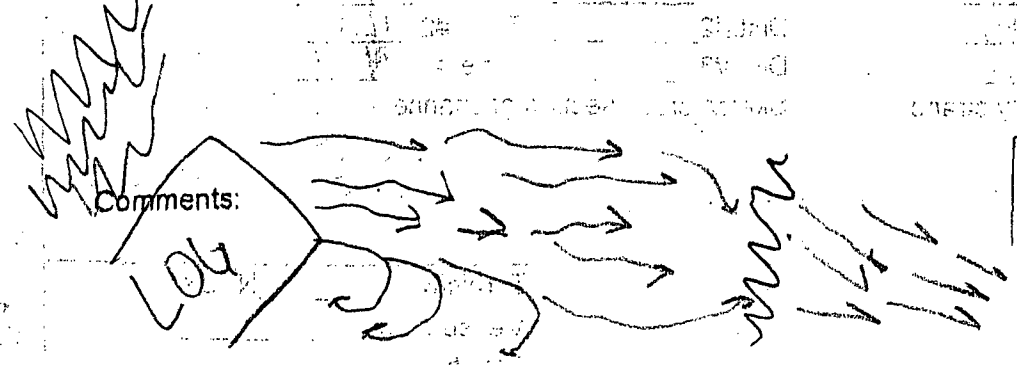
Peak stage _____ Current stage 6 1/8 ↓ ✓

Culvert size _____ Culvert flow depth _____ Culvert invert _____

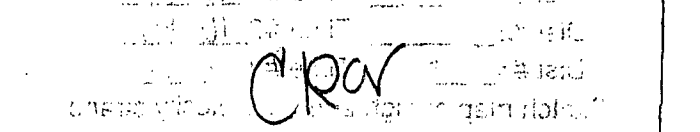
High-velocity width 2 ft Low-velocity width 2 ft

Dist.#1 20 ft	Time #1 13.98	Dist.#1 20 ft	Time #1 15.91
Dist.#2 ↓	Time #2 14.09	Dist.#2 ↓	Time #2 16.09
Dist.#3 ↓	Time #3 ~~3.34~~	Dist.#3 ↓	Time #3 14.37

Sketch map of high and low velocity strands:



Sketch cross-section of channel:



01GR 0553

Comments:

Turbidity 4.93 NTU's
Measured by C. FENTON
Date/time 4-27-01 @ 09:16

Location VD SAMPSON | Sampled by RS | Date 4-7-01

Rain start time 4-6-01 .7in Rain | Current weather Cloudy | Time 11:30 AM

Peak stage Rising | Current stage 3.40' | VOA 49 COPIED 5-1-01 MY01 ✓

Culvert size _____ Culvert flow depth _____ Culvert invert _____

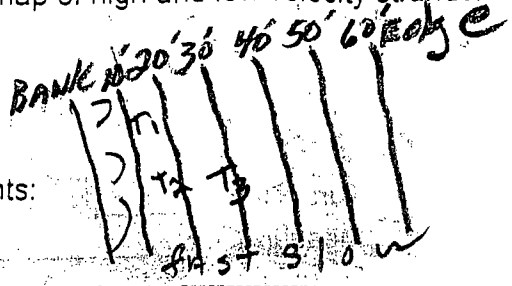
High-velocity width 20' | Low-velocity width 40'

T1 Dist.#1 20' Time #1 11.28 | Dist.#1 _____ Time #1 _____

T2 Dist.#2 20' Time #2 12.60 | Dist.#2 _____ Time #2 _____

T3 Dist.#3 20' Time #3 9.97 | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

016R
0560
#9614

Comments:

Turbidity 6.40 NTU's
Measured by C. FENTON
Date/time 4-27-01 @ 09:28

Location VD SAMPSON | Sampled by RS | Date 4-5-01

Rain start time 4-6-01 | Current weather Cloudy | Time 4:00pm ✓

Peak stage Falling | Current stage 3.25' C

Culvert size _____ Culvert flow depth _____ Culvert invert _____

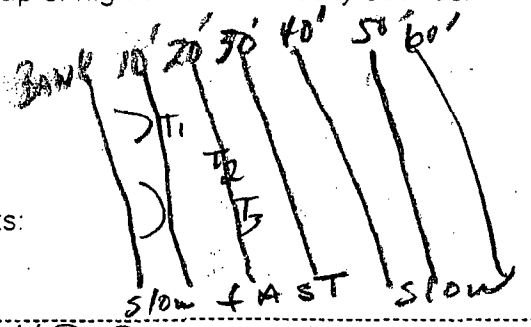
High-velocity width 30' | Low-velocity width 30'

Dist.#1 20' Time #1 11.06 | Dist.#1 _____ Time #1 _____

Dist.#2 20' Time #2 10.66 | Dist.#2 _____ Time #2 _____

Dist.#3 20' Time #3 10.66 | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

016R
0564

Comments:

Turbidity 36.8 NTU's
Measured by C. FENTON
Date/time 4-27-01 @ 09:29

Location VD SAMPSON | Sampled by KS | Date 4-9-01

Rain start time 4-8-01 .5in | Current weather Clear | Time 4:00pm ✓

Peak stage Rising | Current stage 3.35'

Culvert size _____ Culvert flow depth _____ Culvert invert _____

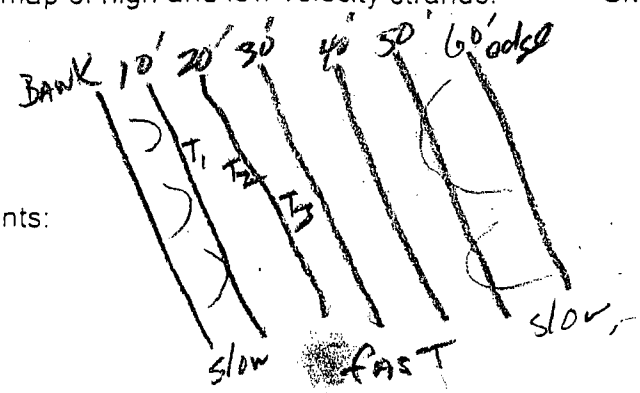
High-velocity width _____ | Low-velocity width _____

T1 Dist.#1 20' Time #1 12.67 | Dist.#1 _____ Time #1 _____

T2 Dist.#2 20' Time #2 11.62 | Dist.#2 _____ Time #2 _____

T3 Dist.#3 20' Time #3 12.38 | Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:



Sketch cross-section of channel:

016R
0559

Comments:

Turbidity 14.2 NTU's
Measured by C. FENTON 30 CF
Date/time 4-27-01 @ 09:29

Location_____ Sampled by_____ Date_____
Rain start time _____ Current weather _____ Time_____
Peak stage _____ Current stage _____
Culvert size_____ Culvert flow depth_____ Culvert invert_____
High-velocity width _____ Low-velocity width _____
Dist.#1_____ Time #1_____ Dist.#1_____ Time #1_____
Dist.#2_____ Time #2_____ Dist.#2_____ Time #2_____
Dist.#3_____ Time #3_____ Dist.#3_____ Time #3_____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity_____NTU's
Measured by _____
Date/time_____

Location_____ Sampled by_____ Date_____
Rain start time _____ Current weather _____ Time_____
Peak stage _____ Current stage _____
Culvert size_____ Culvert flow depth_____ Culvert invert_____
High-velocity width _____ Low-velocity width _____
Dist.#1_____ Time #1_____ Dist.#1_____ Time #1_____
Dist.#2_____ Time #2_____ Dist.#2_____ Time #2_____
Dist.#3_____ Time #3_____ Dist.#3_____ Time #3_____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity_____NTU's
Measured by _____
Date/time_____

Location_____ Sampled by_____ Date_____
Rain start time _____ Current weather _____ Time_____
Peak stage _____ Current stage _____
Culvert size_____ Culvert flow depth_____ Culvert invert_____
High-velocity width _____ Low-velocity width _____
Dist.#1_____ Time #1_____ Dist.#1_____ Time #1_____
Dist.#2_____ Time #2_____ Dist.#2_____ Time #2_____
Dist.#3_____ Time #3_____ Dist.#3_____ Time #3_____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity_____NTU's
Measured by _____
Date/time

Location Manton VDR Sampled by Greene Date 4-20-01
Rain start time 4-19 9PM at 6-12 Current weather Showers Time 17:10
Peak stage ______ Current stage rising VD#50
Culvert size 8' Culvert flow depth — Culvert invert — COPIED 5-1-01
High-velocity width 50' Low-velocity width 30' HY01
Dist.#1 ______ Time #1 ______ Dist.#1 10' Time #1 11:80
Dist.#2 ______ Time #2 ______ Dist.#2 15' Time #2 16:40
Dist.#3 ______ Time #3 ______ Dist.#3 ______ Time #3 ______
Sketch map of high and low velocity strands: Sketch cross-section of channel: 01GR

60-80' low

Hi veloc 20-60' 0849

Comments: 20' Eddies low

#9614

Turbidity 104 NTU's
Measured by C. FENTON
Date/time 4-27-01 @ 09:36

Location Mouth Grizzly Sampled by Greene Date 4-20-01
Rain start time 9PM 4-19 Current weather showers Time 17:15
Peak stage ______ Current stage rising 01GR ✓
Culvert size ______ Culvert flow depth ______ Culvert invert ______
High-velocity width ______ Low-velocity width ______ 0850
Dist.#1 ______ Time #1 ______ Dist.#1 ______ Time #1 ______
Dist.#2 ______ Time #2 ______ Dist.#2 ______ Time #2 ______
Dist.#3 ______ Time #3 ______ Dist.#3 ______ Time #3 ______
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments: (Photos) Pictures show Grizzly carrying massive amounts mud

Turbidity 183 NTU's
Measured by C. FENTON
Date/time 4-27-01 @ 09:37

Location Grizzly Bridge Sampled by Greene Date 4-20-01
Rain start time 9PM - 4-19 Current weather cloudy Time 17:37
Peak stage ______ Current stage rising ✓
Culvert size 32' Culvert flow depth 15" Culvert invert ______ 01GR
High-velocity width 24 Low-velocity width 4'
Dist.#1 15' Time #1 5:15 Dist.#1 9' Time #1 9:21 0851
Dist.#2 15' Time #2 5:92 Dist.#2 9' Time #2 7:91
Dist.#3 15' Time #3 4:14 Dist.#3 ______ Time #3 ______
Sketch map of high and low velocity strands: Sketch cross-section of channel:

4'

24' Hi veloc { undercut low 15'

#9614

Comments: 4' Eddies

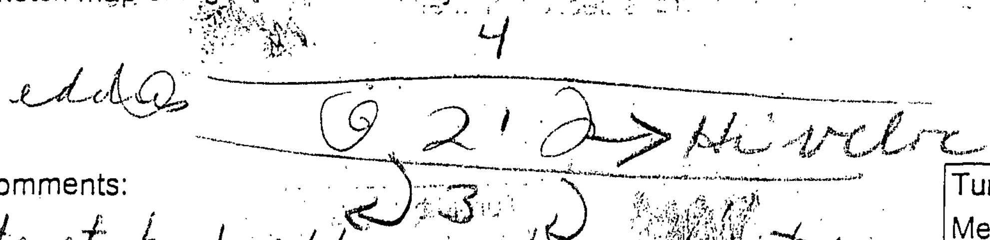
Turbidity 157 NTU's
Measured by C. FENTON
Date/time 4-27-01 @ 09:38

Location Holy
Sampled by Greene
Date 4-20-01
Rain start time 9PM 4/19
Current weather clear
Time 1820
Peak stage
Current stage rising
VD #51 ✓
Culvert size 9'
Culvert flow depth 10"
Culvert invert
CODED 5-1-01
High-velocity width 2'
Low-velocity width 4'
HY01

Dist.#1 5'	Time #1 7.62	Dist.#1 1'	Time #1 33.56
Dist.#2 5'	Time #2 8.34	Dist.#2 1'	Time #2 14.77
Dist.#3 5'	Time #3 7.64	Dist.#3	Time #3

016K
0852

Sketch map of high and low velocity strands:
Sketch cross-section of channel:



Comments:
lots of back eddies in low velocity

Turbidity 96.9 NTU's
Measured by C. FENTON
Date/time 4-27-01 @ 09:40

Location
Sampled by
Date
Rain start time
Current weather
Time
Peak stage
Current stage
Culvert size
Culvert flow depth
Culvert invert
High-velocity width
Low-velocity width

Dist.#1	Time #1	Dist.#1	Time #1
Dist.#2	Time #2	Dist.#2	Time #2
Dist.#3	Time #3	Dist.#3	Time #3

Sketch map of high and low velocity strands:
Sketch cross-section of channel:

Comments:

Turbidity NTU's
Measured by
Date/time

Location
Sampled by
Date
Rain start time
Current weather
Time
Peak stage
Current stage
Culvert size
Culvert flow depth
Culvert invert
High-velocity width
Low-velocity width

Dist.#1	Time #1	Dist.#1	Time #1
Dist.#2	Time #2	Dist.#2	Time #2
Dist.#3	Time #3	Dist.#3	Time #3

Sketch map of high and low velocity strands:
Sketch cross-section of channel:

Comments:

Turbidity NTU's
Measured by
Date/time

Location BET 2 | Sampled by CF | Date 3-4-01
Rain start time _____ | Current weather _____ | Time 12:07
Peak stage _____ | Current stage 0.82 | ID # 01GR 0723
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 BT GRT2 # 25
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 QUEO 4-14-01
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____ HY 01
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments: NO SSC

TUM # 22423
Turbidity 13.4 NTU's
Measured by CF
Date/time 3-4-01 @ 12:21

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____ | ID #
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

TUM #
Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____ | ID #
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

TUM #
Turbidity _____ NTU's
Measured by _____
Date/time

Location BET 1 | Sampled by CF | Date 3-4-01
Rain start time | Current weather | Time 13:26
Peak stage | Current stage 0.50 | ID # 01G[illegible] 072[illegible] ✓
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1 RT/ORT2 #24
Dist.#2 | Time #2 | Dist.#2 | Time #2 COPIED 4-14-01
Dist.#3 | Time #3 | Dist.#3 | Time #3 HY01

Sketch map of high and low velocity strands: Sketch cross-section of channel:

73" bridge deck to water surface

Comments: w/ Discharge

TUM # 22423
Turbidity 12.9 NTU's
Measured by CF
Date/time 3-4-01 @ 21:45

Location SF MRB | Sampled by CF | Date 3-4-01
Rain start time | Current weather | Time 16:00
Peak stage | Current stage 4.45 | ID # 01GR 0739 ✓
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3

Sketch map of high and low velocity strands: Sketch cross-section of channel:

rising start ISCO @ 16:00 180 min INT.

Comments:

TUM # 22423
Turbidity 217 NTU's
Measured by CF
Date/time 3-4-01 @ 21:47

Location NFELK | Sampled by CF | Date 3-4-01
Rain start time | Current weather | Time 16:17
Peak stage | Current stage ~~[illegible]~~ 7.21 | ID # 01GR 0736
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3

Sketch map of high and low velocity strands: Sketch cross-section of channel:

14.0' ↓ TOP BR. RAIL

Comments:

TUM # 22423
Turbidity 218 NTU's
Measured by CF
Date/time 3-4-01 @ 21:49

Location BETS | Sampled by CF | Date 3/4/01
Rain start time rained all night | Current weather light sprinkling | Time 13:30
Peak stage since 12:00 3/3 | Current stage .25' | ID # → constant Δs
Culvert size 44" | Culvert flow depth .25' | Culvert invert 41.5"

High-velocity width _____ | Low-velocity width _____

Dist.#1	Time #1	Dist.#1	Time #1 BS BRT2 + 23
Dist.#2	Time #2	Dist.#2	Time #2
Dist.#3	Time #3	Dist.#3	Time #3

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

CODED 4-14-01 HY DI

Comments: 0192 0711

TUM # 22423
Turbidity 22.1 NTU's
Measured by SFarhi
Date/time 3/19/01 13:44

Location BETS | Sampled by CF | Date 3/4
Rain start time 3/2 @ 12:00 | Current weather heavy rain | Time 18:50
Peak stage _____ | Current stage 0.50' | ID #
Culvert size 44" | Culvert flow depth 0.50' | Culvert invert 38.4"

High-velocity width _____ | Low-velocity width _____

Dist.#1	Time #1	Dist.#1	Time #1
Dist.#2	Time #2	Dist.#2	Time #2
Dist.#3	Time #3	Dist.#3	Time #3

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments: 0192 0707

TUM # 22423
Turbidity 104 NTU's
Measured by SF
Date/time 3/19 13:47

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____ | ID #
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____

High-velocity width _____ | Low-velocity width _____

Dist.#1	Time #1	Dist.#1	Time #1
Dist.#2	Time #2	Dist.#2	Time #2
Dist.#3	Time #3	Dist.#3	Time #3

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

TUM #
Turbidity _____ NTU's
Measured by _____
Date/time

Location BET 3 Sampled by CE Date 3/1

Rain start time 10:00 Current weather no rain - has been Time 19:00

Peak stage _____ Current stage 0.18' steadily ID # BT/GRT2 #22

Culvert size 44" Culvert flow depth 0.18' raining COPIED 4-14-01 HYD1

Culvert invert 42.2"

High-velocity width _____ Low-velocity width _____

Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____

Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____

Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments: OGR 0710

TUM # 22423

Turbidity 2.97 NTU's

Measured by SF

Date/time 3/19/01 13:38

Location BET3 Sampled by CE Date 3/1/01

Rain start time 10:00 Current weather raining, steadily Time 23:00

Peak stage _____ Current stage 0.24' ID #

Culvert size 44" Culvert flow depth 0.24' Culvert invert 41.6"

High-velocity width _____ Low-velocity width _____

Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____

Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____

Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

Comments: OIGR 0708

TUM # 22423

Turbidity 12.1 NTU's

Measured by SF

Date/time 3/19/01 13:39

Location BET3 Sampled by CE Date 3/3/01

Rain start time 3/3 @ 12:00 (clear on 3/2) Current weather heavy rain Time 7:35

Peak stage _____ Current stage 0.30' ID #

Culvert size 44" Culvert flow depth 0.30' Culvert invert 41"

High-velocity width _____ Low-velocity width _____

Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____

Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____

Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands:

Sketch cross-section of channel:

TUM # 22423

Turbidity 25.3 NTU's

Measured by SF

Date/time 3/19/01 13:42

Comments: OIGR 0709

Location GRT2 1 | Sampled by CF | Date 2-21-01
Rain start time HVY 4:45 | Current weather CLOY | Time 07:01
Peak stage _____ | Current stage 0.36 | ID # 01GR 0638
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width BT/GRT2 RT 21
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 COPIED 4-14-01
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____ HY01
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 22423
Comments: | Turbidity 42.4 NTU's
Measured by DVD
Date/time 3/1/01 @ 10:39

Location BRT 1 | Sampled by CF | Date 2-21-01
Rain start time _____ | Current weather _____ | Time 07:09
Peak stage _____ | Current stage 0.62 | ID # 01GR 0639
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 22423
Comments: | Turbidity 26.5 NTU's
Measured by DVD
Date/time 3/1/01 @ 10:42

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____ | ID #
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM #
Comments: | Turbidity _____ NTU's
Measured by _____
Date/time

Location BET 3 | Sampled by SF | Date 2/21/01
Rain start time no Rain in 2 hrs | Current weather overcast | Time 7:08
Peak stage _____ | Current stage 3.11" 0.31 Feet
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

BT / GRT2 # 20
COPIED
4-14-01
HY 01

22423 TUM #

Comments: 01GR
0467

Turbidity 97.3 NTU's
Measured by SF
Date/time 3/19/01 13:54

Location BET 3 | Sampled by CE/SF | Date 2/21/01
Rain start time 16:00 | Current weather steady rain | Time 16:55
Peak stage _____ | Current stage .24'(
Culvert size 44" Culvert flow depth 0.36' | Culvert invert 40.0"
High-velocity width _____ | Low-velocity width _____
Dist.#1 10' Time #1 3.48 | Dist.#1 10' Time #1 4.74
Dist.#2 10' Time #2 4.19 | Dist.#2 10' Time #2 5.17
Dist.#3 10' Time #3 3.13 | Dist.#3 10' Time #3 4.48
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

22423 TUM

Comments: 01GR
0239

Turbidity 38.1 NTU's
Measured by SF
Date/time 3/19/01 13:57

Location BET 3 | Sampled by CE/SF | Date 2/21/01
Rain start time 16:00 | Current weather steady rain | Time 17:30
Peak stage _____ | Current stage ~~0.15 Feet~~ .45 Feet
Culvert size 44" Culvert flow depth 0.41' | Culvert invert 39.5"
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

22423 TUM

Comments: 01GR
0082

Turbidity 48.2 NTU's
Measured by SF
Date/time 3/19/01 14:00

Location BET3a/b Sampled by Cassie E. Date 2/20/01
Rain start time light rain 1/2 hours Current weather Overcast, light drops Time 15:00
Peak stage _____ Current stage 7'4 OR 0.28' bon staff plate
Culvert size 44"sab Culvert flow depth 2.8"b Culvert invert 41.2"b BT/GRTS # 19
High-velocity width _____ Low-velocity width _____
Dist.#1 9.94 Time #1 _____ Dist.#1 _____ Time #1 _____ COPIED 4-14-01
Dist.#2 ↓ Time #2 _____ Dist.#2 _____ Time #2 _____ HY01
Dist.#3 ↓ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

3/3/1009/17 bottle 01GR 0464 Turbidity 44.5 NTU

TUM#
#9614 22423

Comments:
39.5 01GR NTU → 0483 → Sample taken @ Buttermilk / on Arcata upstream from established sample site

Turbidity 39.5 NTU's
Measured by Seth Farhi
Date/time 4/20/01 13:45

Location BET3 Sampled by Seth Farhi Date 2/21/01
Rain start time 1:45 1hr 45 min earlier Current weather light rain Time 6:21
Peak stage _____ Current stage 4.5 inches
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM#
#22423

Comments: 0165
0465

Turbidity 105 NTU's
Measured by SF
Date/time 3/19/01 13:50

Location H Heights Sampled by Seth Farhi Date 2/21/01
Rain start time 2 hrs earlier/Just stopped Current weather overcast Time 6:52
Peak stage ? Current stage 2.21' Feet falling
Culvert size — Culvert flow depth — Culvert invert —
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

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#22423 TUM#

Comments: 01GR
0466

Turbidity 27.5 NTU's
Measured by SF
Date/time 3/19/01 13:52

Location GRTZ #1 | Sampled by C.F | Date 1-25-01
Rain start time 7:30 am | Current weather | Time 09:17 ✓
Peak stage | Current stage 0.61 BT / GRT2 #18
Culvert size | Culvert flow depth | Culvert invert | COPIED 4-18-01
High-velocity width | Low-velocity width | HY01
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TOP OF BEVERLY

HACH CELL 01GR 0103

PEN LABEL O.C. 10:00 AM 1/28/01

T # 22411

Comments:
END OF BEVERLY

Turbidity 32.5 NTU's
Measured by C.F.
Date/time 1-25-01 @ 17:47

Location BET 1 | Sampled by C.F. | Date 1-25-01
Rain start time | Current weather RAIN | Time 09:21 ✓
Peak stage | Current stage 0.60
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

10# 01GR 0106

T# 22411

Comments:
MET THERESA - BACK HOUSE

Turbidity 14.5 NTU's
Measured by C.F
Date/time 1-25-01 @ 17:51

Location | Sampled by | Date
Rain start time | Current weather | Time
Peak stage | Current stage
Culvert size | Culvert flow depth | Culvert invert
High-velocity width | Low-velocity width
Dist.#1 | Time #1 | Dist.#1 | Time #1
Dist.#2 | Time #2 | Dist.#2 | Time #2
Dist.#3 | Time #3 | Dist.#3 | Time #3
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments:

Turbidity NTU's
Measured by
Date/time

Location BET2 Sampled by KJW Date 2-9-01
Rain start time _____ Current weather foggy + rainy Time 11:53
Peak stage _____ Current stage 1.78 BT/GLT2 #17
Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-14-01
High-velocity width _____ Low-velocity width _____ HY01
Dist.#1 10ft Time #1 9.33 Dist.#1 _____ Time #1 _____
Dist.#2 10ft Time #2 7.28 Dist.#2 _____ Time #2 _____
Dist.#3 10ft Time #3 6.57 Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM #22423

Comments: 016R0310

Turbidity 17.1 NTU's
Measured by C.F.
Date/time 2-11-01 @ 11:52

Location BET2 Sampled by KJW Date 2-21-01
Rain start time _____ Current weather rainy/windy Time 4:13PM ✓
Peak stage _____ Current stage .95
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 10ft Time #1 8.83 Dist.#1 _____ Time #1 _____
Dist.#2 10ft Time #2 6.58 Dist.#2 _____ Time #2 _____
Dist.#3 10ft Time #3 6.76 Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

#22423

Comments: 016R0604

Turbidity 24.4 NTU's
Measured by CF
Date/time 2-26-01 @ 19:01

Location BET2 Sampled by KJW Date 2-22-01
Rain start time _____ Current weather break in storm Time 1:51PM ✓
Peak stage _____ Current stage 1.18
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 10ft Time #1 7.1 Dist.#1 _____ Time #1 _____
Dist.#2 10ft Time #2 6.8 Dist.#2 _____ Time #2 _____
Dist.#3 10ft Time #3 7.08 Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

#22423

Comments: 016R0605

Turbidity 40.1 NTU's
Measured by CF
Date/time 2-26-01 @ 19:03

Location BET 2 | Sampled by KJW | Date 1-23-01
Rain start time ____ | Current weather rainy | Time 5:27
Peak stage ____ | Current stage 1'11" | BT/GRT2 #16
Culvert size ____ Culvert flow depth ____ | Culvert invert ____ | COPIED 4-14-01
High-velocity width ____ | Low-velocity width ____ | H401
Dist.#1 10ft Time #1 9:80 | Dist.#1 ____ Time #1 ____
Dist.#2 10ft Time #2 11:91 | Dist.#2 ____ Time #2 ____
Dist.#3 10ft Time #3 12:03 | Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM 22423
Comments: 01GR0307
Turbidity 78.1 NTU's
Measured by CF
Date/time 2-11-01@ 11:47

Location BET 2 | Sampled by KJW | Date 1-25-01
Rain start time ____ | Current weather sunny | Time 11:33
Peak stage ____ | Current stage 1.02
Culvert size ____ Culvert flow depth ____ | Culvert invert ____
High-velocity width ____ | Low-velocity width ____
Dist.#1 10ft Time #1 8.81 | Dist.#1 ____ Time #1 ____
Dist.#2 10ft Time #2 [illegible] | Dist.#2 ____ Time #2 ____
Dist.#3 10ft Time #3 9.10 | Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 22423
Comments: 01GR 0308
Turbidity 15.0 NTU's
Measured by CF
Date/time 2-11-01@ 11:49

Location BET2 | Sampled by KJW | Date 1-29-01
Rain start time ____ | Current weather sunny | Time 2:06 P.M
Peak stage ____ | Current stage .94
Culvert size ____ Culvert flow depth ____ | Culvert invert ____
High-velocity width ____ | Low-velocity width ____
Dist.#1 ____ Time #1 7:31 | Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 6.34 | Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 6.27 | Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 22423
Comments: 01GR 0309
Turbidity 13.4 NTU's
Measured by C.F.
Date/time 2-11-01@ 11:50

Location BET2 Sampled by KJW Date 2-24-01

Rain start time _____ Current weather foggy Time 12:00PM

Peak stage _____ Current stage .87ft BT/CRT2 #15 ✓

Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-14-01

High-velocity width _____ Low-velocity width _____ HYD1

Dist.#1 10ft Time #1 6.98 Dist.#1 _____ Time #1 _____

Dist.#2 10ft Time #2 9.77 Dist.#2 _____ Time #2 _____

Dist.#3 10ft Time #3 8.28 Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

OIGR 0606 D2423

Comments: OIGR0306

Turbidity 11.9 NTU's
Measured by CF
Date/time 2-26-01 @ 19:05

Location BET2 Sampled by KJW Date _____

Rain start time _____ Current weather _____ Time _____

Peak stage _____ Current stage _____

Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____ Low-velocity width _____

Dist.#1 10ft Time #1 _____ Dist.#1 _____ Time #1 _____

Dist.#2 10ft Time #2 _____ Dist.#2 _____ Time #2 _____

Dist.#3 10ft Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location BET2 Sampled by KJW Date _____

Rain start time _____ Current weather _____ Time _____

Peak stage _____ Current stage _____

Culvert size _____ Culvert flow depth _____ Culvert invert _____

High-velocity width _____ Low-velocity width _____

Dist.#1 10ft Time #1 _____ Dist.#1 _____ Time #1 _____

Dist.#2 10ft Time #2 _____ Dist.#2 _____ Time #2 _____

Dist.#3 10ft Time #3 _____ Dist.#3 _____ Time #3 _____

Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location BRT 2 Sampled by KJW Date 1-16-01
Rain start time _____ Current weather sunny Time 4:24
Peak stage _____ Current stage .67
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 10ft Time #1 11:57 Dist.#1 _____ Time #1 _____
Dist.#2 10ft Time #2 16:30 Dist.#2 _____ Time #2 _____
Dist.#3 10ft Time #3 9:64 Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

BT/BRT 2 # 14
COPIED 4-14-01
MY01

Comments: 01GR 0305

Turbidity 5.68 NTU's
Measured by C F
Date/time 1-20-01 @ 12:34

Location BRT 2 Sampled by KJW Date 1-26-01
Rain start time _____ Current weather overcast Time 10:16AM
Peak stage _____ Current stage .65
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 10ft Time #1 16:45 Dist.#1 _____ Time #1 _____
Dist.#2 10ft Time #2 10:49 Dist.#2 _____ Time #2 _____
Dist.#3 10ft Time #3 11:43 Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments: 01 GR 306

Turbidity 7.03 NTU's
Measured by C. F
Date/time 1-20-01 @ 12:32

Location _____ Sampled by _____ Date _____
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments: 5.68 NTU ?
01GR 0305
BY C.F.
1-20-01 @ 12:34

Turbidity _____ NTU's
Measured by _____
Date/time

BT 10RT 2 #13
COPIED 4-14-01
HY 01

Location BETZ   Sampled by KJW   Date 1-10-01
Rain start time ____   Current weather overcast after storm   Time 3:__ pm
Peak stage ____   Current stage 9.06
Culvert size ____   Culvert flow depth ____   Culvert invert ____
High-velocity width ____   Low-velocity width ____
Dist.#1 10 ft   Time #1 9:04   Dist.#1 ____   Time #1 ____
Dist.#2 11 ft   Time #2 8:12   Dist.#2 ____   Time #2 ____
Dist.#3 10 ft   Time #3 8:02   Dist.#3 ____   Time #3 ____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments: 01GR0352 346

Turbidity 60.2 NTU's
Measured by C.F.
Date/time 1-20-01 @ 12:26

Location BETZ   Sampled by KJW   Date 1-11-01
Rain start time ____   Current weather Sunny   Time 2:12 PM
Peak stage ____   Current stage .88
Culvert size ____   Culvert flow depth ____   Culvert invert ____
High-velocity width ____   Low-velocity width ____
Dist.#1 10 ft   Time #1 12:63   Dist.#1 ____   Time #1 ____
Dist.#2 10 ft   Time #2 12:11   Dist.#2 ____   Time #2 ____
Dist.#3 10 ft   Time #3 10:63   Dist.#3 ____   Time #3 ____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM #22423

Comments: 01GR0348

Turbidity 10.3 NTU's
Measured by CF
Date/time 2-11-01 @ 11:53

Location BETZ   Sampled by KJW   Date 1-14-01
Rain start time ____   Current weather Sunny & windy   Time 4:34
Peak stage ____   Current stage .75
Culvert size ____   Culvert flow depth ____   Culvert invert ____
High-velocity width ____   Low-velocity width ____
Dist.#1 ____   Time #1 15:25   Dist.#1 ____   Time #1 ____
Dist.#2 ____   Time #2 14:28   Dist.#2 ____   Time #2 ____
Dist.#3 ____   Time #3 14:82   Dist.#3 ____   Time #3 ____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments: 01 GR 0347

Turbidity 11.2 NTU's
Measured by C.F.
Date/time 1-20-01 @ 12:32

Location BET 2 Sampled by KJW Date 1-6-01
Rain start time _____ Current weather Sunny Time 2:40 P.M
Peak stage _____ Current stage 0.52 Feet BT/OLT2 #12
Culvert size _____ Culvert flow depth _____ Culvet invert _____ COPIED 4-11-01
High-velocity width _____ Low-velocity width _____ KY 01
Dist.#1 10' Time #1 16:12 Dist.#1 _____ Time #1 _____
Dist.#2 10' Time #2 15:01 Dist.#2 _____ Time #2 _____
Dist.#3 10' Time #3 17:37 Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments: Idnumber OIGR 0350

Turbidity 6.39 NTU's
Measured by CF
Date/time 1-6-01 2:46

Location BET2 Sampled by KJW Date 1-6-01
Rain start time _____ Current weather Sunny after storm Time 3:32
Peak stage _____ Current stage .95 ft
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 10 ft Time #1 15:17 Dist.#1 _____ Time #1 _____
Dist.#2 10ft Time #2 15:56 Dist.#2 _____ Time #2 _____
Dist.#3 10ft Time #3 12:62 Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments: OIGR 0351

Turbidity 24.4 NTU's
Measured by CF
Date/time 1-20-01 @ 12:24

Location BET2 Sampled by KJW Date 1-9-01
Rain start time _____ Current weather storm Time 4:17 P.M
Peak stage _____ Current stage .86
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 10 ft Time #1 14:40 Dist.#1 _____ Time #1 _____
Dist.#2 10ft Time #2 16:32 Dist.#2 _____ Time #2 _____
Dist.#3 10ft Time #3 18:47 Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments: OIGR 0352

Turbidity 17.4 NTU's
Measured by C.F.
Date/time 1-20-01 @ 12:25

Location BTHH # Sampled by RM Date 1/8 1/8/01
Rain start time 4/7 19.00 Current weather Off/on shower Time 11:35
Peak stage _____ Current stage 1.67 BT1 GRTZ # 11
Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-14-01
High-velocity width _____ Low-velocity width _____ RYO1
Dist.#1 10 Time #1 5 Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TDM # 28423

Comments: ①IGR: 0111

Turbidity 47.0 NTU's
Measured by G.F. EN
Date/time 3.8.01 11:16

Location _____ Sampled by _____ Date _____
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ Sampled by _____ Date _____
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location GRTZ 1 Sampled by RM Date 11/29
Rain start time ~~10~~ 22:00 11/28 Current weather _____ Time 8:30
Peak stage 3:00 11/29 Current stage .76 BT/GRTZ F 10
Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-14-01
High-velocity width _____ Low-velocity width _____ HY01
Dist.#1 10 Time #1 7 Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

OIGR 0026

TDM # 22423
Comments:
Turbidity 95.8 NTU's
Measured by CF SN
Date/time 3.8.01 11:14

Location BTH 1 Sampled by RM Date 11/29
Rain start time 22:00 11/28 Current weather _____ Time 8:40
Peak stage 3:00 11/29 Current stage .8
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 10 Time #1 8:5 Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

OIGR 0025

TDM # 22423
Comments:
Turbidity 63.5 NTU's
Measured by CF SN
Date/time 3.8.01 11:13

Location GRTZ 1 Sampled by RM Date A/P 1/8/01
Rain start time 1/7 19:00 Current weather off / on shower Time 12:25
Peak stage 1/8 3:00 Current stage .7
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 10 Time #1 6 Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

OIGR 0114

TDM # 22423
Comments:
Turbidity 61.0 NTU's
Measured by CF SN
Date/time 3.8.01 11:10

Location GR2 1 | Sampled by RM | Date 11/13
Rain start time 11/13 5 am | Current weather rain | Time 17:30
Peak stage _____ | Current stage .75 | BT/GRT2 #9
Culvert size _____ Culvert flow depth _____ | Culvert invert _____ | COPIED 4-14-01
High-velocity width _____ | Low-velocity width _____ | MY 01
Dist.#1 10' Time #1 5 | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 9614

Comments: | Turbidity 144 NTU's
Measured by RM
Date/time 11/13

Location BT#1 | Sampled by RM | Date 11/13
Rain start time 11/13 5am | Current weather rain | Time 17:45
Peak stage _____ | Current stage .65
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 10 Time #1 5.5 | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

TUM # 9614

Comments: | Turbidity 56.3 NTU's
Measured by RM
Date/time 11/13

Location _____ | Sampled by _____ | Date _____
Rain start time _____ | Current weather _____ | Time _____
Peak stage _____ | Current stage _____
Culvert size _____ Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width _____
Dist.#1 _____ Time #1 _____ | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

Comments: | Turbidity _____ NTU's
Measured by _____
Date/time

Location Grotzman #1 | Sampled by BM | Date 10/30
Rain start time 10/29 1pm | Current weather clear | Time 7 am
Peak stage 10/29 9pm | Current stage _____ | BT/GRT2 #7
Culvert size _____ Culvert flow depth _____ Culvert invert _____ | COPIED 4-14-01
High-velocity width _____ | Low-velocity width _____ | HY01
Dist.#1 10' Time #1 11 S. | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

stage ruler missing
depth @ velocity reading = 1'

28.3 NTU
11-2-00 @ 8:47
BY C.F.

Comments:
01GR 0029

Turbidity 25.0 NTU's #9614
Measured by _____
Date/time _____

Location Lieth #1 | Sampled by Rachel | Date 10/30
Rain start time 10/29 1pm | Current weather clear | Time 7 am
Peak stage 10/29 9pm | Current stage .5 | BT/GRT2 #8
Culvert size _____ Culvert flow depth _____ Culvert invert _____ | COPIED 4-14-01
High-velocity width _____ | Low-velocity width _____ | HY01
Dist.#1 10' Time #1 9 sec | Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ | Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ | Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: | Sketch cross-section of channel:

11.0 NTU BY C.F.
11-2-00
10.2 19:45 #9614

Comments:
ID # 01GR 0028

Turbidity [illegible] NTU's
Measured by _____
Date/time _____

Location BTG / BRITH-GEROMS Sampled by C.F. Date 10-28-00
Rain start time 1 AM Current weather P. CLDY Time 9:37
Peak stage ____ Current stage 0.39 BT/GRTZ #6 ✓
Culvert size ____ Culvert flow depth ____ Culvert invert ____ COPIED 4-14-01
High-velocity width ____ Low-velocity width ____ HY01
Dist.#1 ____ Time #1 ____ Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

TUM # 22423

Comments:
ID# 01GR-0107

Turbidity 3.56 NTU's
Measured by C.F.
Date/time 12-3-00 @ 20:40

Location ____ Sampled by ____ Date ____
Rain start time ____ Current weather ____ Time ____
Peak stage ____ Current stage ____
Culvert size ____ Culvert flow depth ____ Culvert invert ____
High-velocity width ____ Low-velocity width ____
Dist.#1 ____ Time #1 ____ Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity ____ NTU's
Measured by ____
Date/time ____

Location ____ Sampled by ____ Date ____
Rain start time ____ Current weather ____ Time ____
Peak stage ____ Current stage ____
Culvert size ____ Culvert flow depth ____ Culvert invert ____
High-velocity width ____ Low-velocity width ____
Dist.#1 ____ Time #1 ____ Dist.#1 ____ Time #1 ____
Dist.#2 ____ Time #2 ____ Dist.#2 ____ Time #2 ____
Dist.#3 ____ Time #3 ____ Dist.#3 ____ Time #3 ____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity ____ NTU's
Measured by ____
Date/time

Location BEITH / GEROME'S Sampled by C. F Date 10-19-00
Rain start time _____ Current weather _____ Time @ 17:30
Peak stage _____ Current stage 0.26 BT/GRT2 # 5
Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-14-01
High-velocity width _____ Low-velocity width _____ HYD1
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

New Staff Plate Installation w/ JB/JN.
1 - 3 footer PLATE 70' UPSTREAM OF WOOD BRIDGE AT UPPER END OF PROPERTY

Comments:
BASELINE 10# 01GR 0002

Turbidity 0.69 NTU's
Measured by C.F
Date/time 10-19-00 17:32

Location FTR Sampled by C.F Date 10-19-00
Rain start time _____ Current weather _____ Time 18:47
Peak stage _____ Current stage 0.24
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

BASE LINE

Comments:
ID # 01GR 0003

Turbidity 0.79 NTU's
Measured by C.F.
Date/time 10-19-00 18:48

Location 66 Sampled by C.F. Date 10-19-00
Rain start time _____ Current weather _____ Time 20:24
Peak stage _____ Current stage 0.25
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

BASELINE

Comments:
ID # 01GR 0004

Turbidity 1.15 NTU's
Measured by C. F.
Date/time 10-19-00 @ 20:27

Location GRTZ TOP OF BEVERLY Sampled by C.F. Date 9-2-00
Rain start time GRB Current weather _____ Time 11:45
Peak stage _____ Current stage _____ BT/GRTZ # 4
Culvert size _____ Culvert flow depth _____ Culvert invert _____ CODIED 4-14-01
High-velocity width _____ Low-velocity width _____ MY 01
Dist.#1 4.0 Time #1 2.19" Dist.#1 _____ Time #1 _____
Dist.#2 4.0 Time #2 2.77" Dist.#2 _____ Time #2 _____
Dist.#3 4.0 Time #3 2.34" Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

1" DEEP 6" WIDE IN STRUCTURE

ID # 01GR 054 TUM # 9614

Comments:

Turbidity 8.98 NTU's
Measured by C.F.
Date/time 9-2-00 18:10

Location _____ Sampled by _____ Date _____
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time _____

Location _____ Sampled by _____ Date _____
Rain start time _____ Current weather _____ Time _____
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

Comments:

Turbidity _____ NTU's
Measured by _____
Date/time

Location GRT2 @ OAR GRT2 5 Sampled by C.F. Date 9-2-00
Rain start time _____ Current weather _____ Time 11:00
Peak stage _____ Current stage 0.60 STAFF PLATE BT/GRT2 #3
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width COPIED 4-14-01 MYO1
Dist.#1 5.0 Time #1 6.65" Dist.#1 _____ Time #1 _____
Dist.#2 5.0 Time #2 5.80" Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 5.60" Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

MET W/RICHARD - MANAGER - GAVE PERMISSION

RAIN LAST NIGHT .1-.2' DOWN STREAM SIDE

TUM #9614

BOX CULVERT

Comments:
ID # OIGR 251

Turbidity 7.55 NTU's #9614
Measured by C.F
Date/time 9-2-00 18:00

Location BETH @ OAR BET3 Sampled by C.F Date 9-2-00
Rain start time _____ Current weather CLOY Time 11:15
Peak stage _____ Current stage 0.95 STAFF PLATE
Culvert size _____ Culvert flow depth _____ Culvert invert _____
High-velocity width _____ Low-velocity width _____
Dist.#1 7.0 Time #1 2.88" Dist.#1 _____ Time #1 _____
Dist.#2 7.0 Time #2 3.10" Dist.#2 _____ Time #2 _____
Dist.#3 7.0 Time #3 2.51" Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

BOX CULVERT
DOWN STREAM SIDE

TUM #9614

Comments:
ID # OIGR 252

Turbidity 7.86 NTU's #9614
Measured by C.F.
Date/time 9-2-00 18:03

Location CE GC PH0.09 Sampled by C F Date 9-2-00
Rain start time _____ Current weather 1-2" Time 11:30
Peak stage _____ Current stage _____
Culvert size _____ Culvert flow depth _____ Culvert invert _____ SLO
High-velocity width _____ Low-velocity width _____
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

DOWNSTREAM SIDE
@ GOLF COURSE RD (BET1) CLOSE TO

14 TUM #9614

Comments: ID # OIGR 253

Turbidity 1.62 NTU's
Measured by C.F.
Date/time 9-2-00 18:06

Location BEITH / BUTTERMILK Sampled by C F / J K Date 8-6-00
Rain start time GOLF COURSE Current weather _____ Time 15:35
Peak stage _____ Current stage _____ BT/GRT2 #2
Culvert size _____ Culvert flow depth _____ Culvert invert _____ COPIED 4-14-01
High-velocity width _____ Low-velocity width _____ NY01
Dist.#1 _____ Time #1 _____ Dist.#1 _____ Time #1 _____
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 _____
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:

HB

CHL 220 0.09 #6+7 - upstream
Culvert up + down of road overgrown - need to prune downstream
too wide for flow / slow

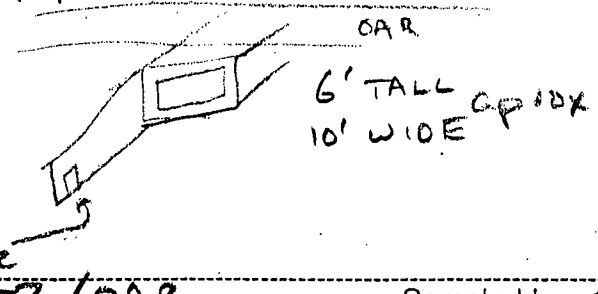
TUM #9614

Comments:

Turbidity 0.97 NTU's #9614
Measured by C F
Date/time 8-7-00 15:35

Location BEITH / OAR Sampled by C.F / JK Date 8-6-00
Rain start time _____ Current weather _____ Time 15:50
Peak stage _____ Current stage 0.95 STAFF
Culvert size _____ Culvert flow depth 1-2" Culvert invert _____
High-velocity width _____ Low-velocity width 3'
Dist.#1 _____ Time #1 _____ Dist.#1 4.0' Time #1 3.5" 100' DOWN STREAM
Dist.#2 _____ Time #2 _____ Dist.#2 _____ Time #2 3.6" 0.95" DEPTH
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 3.4"
Sketch map of high and low velocity strands: Sketch cross-section of channel:

E 130 + 15 RM

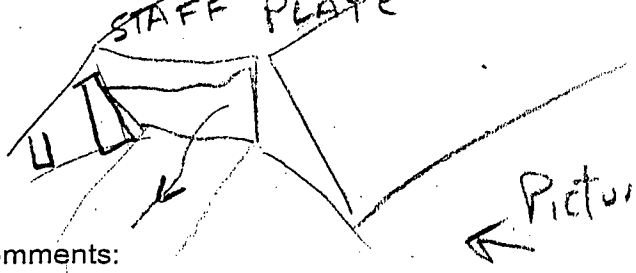


Picture #8
DOWNSTREAM SIDE
TUM #9614 OAR

Comments:

Turbidity 6.58 NTU's
Measured by C F
Date/time 8-7-00 15:55

Location GRT2 / OAR Sampled by C.F Date 8-7-00
Rain start time _____ Current weather _____ Time 18:45
Peak stage _____ Current stage 0.50
Culvert size _____ Culvert flow depth _____ Culvert invert _____ DOWNSTREAM OF OAR
High-velocity width _____ Low-velocity width 40"
Dist.#1 _____ Time #1 _____ Dist.#1 10' Time #1 6.0"
Dist.#2 _____ Time #2 _____ Dist.#2 10' Time #2 9.0"
Dist.#3 _____ Time #3 _____ Dist.#3 _____ Time #3 _____
Sketch map of high and low velocity strands: Sketch cross-section of channel:



Picture 9 + 10 + 11
AT GRT2 upstream OAR
TUM #9614

← Picture 12?

Comments:

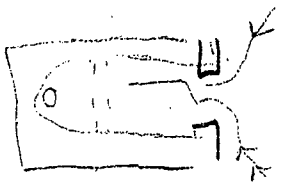
Turbidity 6.06 NTU's
Measured by C F
Date/time 8-7-00 18:45

Location GRT2 TOP OF BEVERLY | Sampled by C.F./JK | Date 8-6-00
Rain start time _____ | Current weather CLEAR | Time 14:30
Peak stage _____ | Current stage _____ | BT/GRT2 #1
Culvert size _____ | Culvert flow depth 2" ± | Culvert invert _____ | COPIED 4-14-01
High-velocity width _____ | Low-velocity width 10" | WIDTH 10"
Dist.#1 _____ Time #1 _____ | Dist.#1 5.0' Time #1 4.1" | HY01
Dist.#2 _____ Time #2 _____ | Dist.#2 5.0' Time #2 3.4"
Dist.#3 _____ Time #3 _____ | Dist.#3 5.0' Time #3 3.1"

Sketch map of high and low velocity strands: | Sketch cross-section of channel:

IN TAKE STRUCTURE TOP OF BEVERLY

Picture # 1, 2, 3

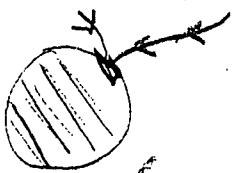


Comments:

TUM #9614
Turbidity 11.9 NTU's
Measured by C.F.
Date/time 8-6-00 14:31

Location GRT2 BEV WAY | Sampled by CF/JK | Date 8-6-00
Rain start time _____ | Current weather CLR | Time 14:52
Peak stage _____ | Current stage 1" |
Culvert size _____ | Culvert flow depth _____ | Culvert invert _____
High-velocity width _____ | Low-velocity width 18"
Dist.#1 _____ Time #1 _____ | Dist.#1 3.0' Time #1 3.2"
Dist.#2 _____ Time #2 _____ | Dist.#2 3.0' Time #2 4.2"
Dist.#3 _____ Time #3 _____ | Dist.#3 3.0" Time #3 3.0

Sketch map of high and low velocity strands: | Sketch cross-section of channel:



small GRT2 trib up from Beverly on Beverly Way

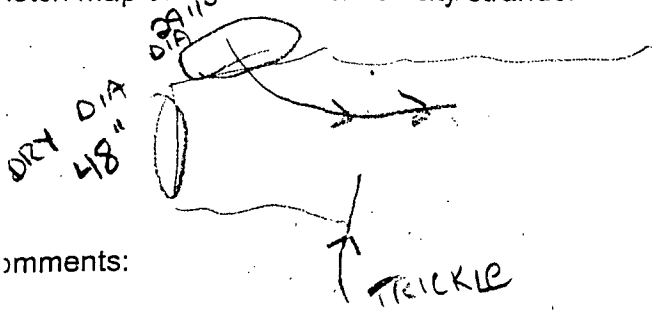
Comments: 4' DIAMETER STAND PIPE

PICTURE #4

TUM #9614
Turbidity 26.3 NTU's
Measured by C.F/J.K
Date/time 8-6-00 14:55

Location GRT2 OFF SHIRLEY | Sampled by CF/JK | Date 8-6-00
Rain start time 991 Shirley | Current weather _____ | Time 14:10
Peak stage _____ | Current stage _____ | CLOUDY TORRENTS
Culvert size _____ | Culvert flow depth 8.5" | Culvert invert _____
High-velocity width _____ | Low-velocity width 27.5"
Dist.#1 _____ Time #1 _____ | Dist.#1 3.0' Time #1 12.4"
Dist.#2 _____ Time #2 _____ | Dist.#2 3.0' Time #2 12.1"
Dist.#3 _____ Time #3 _____ | Dist.#3 3.0 Time #3 17.1"

Sketch map of high and low velocity strands: | Sketch cross-section of channel: along fence



↑ N

Picture 5 TUM #9614

Comments:

Turbidity 11.1 NTU's
Measured by CF
Date/time 8-6-00 14:15